

appendix emission testing thermal desorption

Sample-No 32100135

File : 62102835B.D

Path: G:\UVE_GMBH\GC_allgemein\Rohdaten_GC-17\2021\05_Mai\21_05_12\BSB\

Operator: imat / Döhmen / Muß

Date: 2021-05-12

Method: VOC.M

Sample: Driver Presence Detection (DPD)

As customer request, only take the transparent part to test.

Info: IEE (Langfang) Electronics & Engineering Co. Ltd., Yaohua Road No. 3-1 Langfang Economic & Technical Development Zone Langfang
weighted sample: 29,67mg; dimensions: 16*3,5*<1mm
Kind of wrapping at delivery: welded in aluminium composite foil

VOC - total emission value in µg/g (ppm)
- second value in µg/g

43,7
38,9

reten- tion	name of substance	masses	CAS-No.	area [%]	emission [µg/g]	MS- qualifier [%]	GA DSL	CLP
time(min.)								
3,75	propan-2-ol = isopropyl alcohol	45 43 41 39 42	000067-63-0	2,41	1,1	90		Flam. Liq. 2 STOT SE 3 Eye Irrit. 2
9,83	toluene	91 92 65 39 63	000108-88-3	33,10	14,4	94	D	Flam. Liq. 2 Repr. 2 Asp. Tox. 1 STOT SE 3 STOT RE 2 * Skin Irrit. 2
10,35	acetylacetone = 2,4-pentanedione	43 85 100 41 42	000123-54-6	2,43	1,1	90		Flam. Liq. 3 Acute Tox. 4 *
22,39	2-ethyl-1-hexanol	57 41 43 55 70	000104-76-7	14,80	6,5	77		
23,76	? 2-Pyrrolidinone	85 42 41 30 84	000616-45-5	2,46	1,1	91		
29,84	? N-(1-Cyano-1-methylethyl)isobutyramide	43 68 71 41 42	084213-57-0	7,51	3,3	90		
29,96	2-Ethylhexyl acrylate	55 70 57 41 56	000103-11-7	29,19	12,7	91		STOT SE 3 Skin Irrit. 2 Skin Sens. 1

Sum of identified or assigned substances >0,95µg/g

91,90

40,1

The following identified substances are listed in the Global Automotive Declarable Substance List (GADSL 02/2021) with D = Declarable or P = Prohibited: toluene

The following identified substances are listed in the Regulation (EC) No 1272/2008 (CLP-regulation) [updated to ATP13-27/03/2019] with Carcinogenicity, Germ cell mutagenicity; embryotoxic or Reproductive toxicity: toluene

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Sample-No 32100135

File : 62102835C.D

Path: G:\UVE_GMBH\GC_allgemein\Rohdaten_GC-17\2021\05_Mai\21_05_12\BSB\

Operator: imat / Döhmen / Muß

Date: 2021-05-12

Method: FOG.M

Sample: Driver Presence Detection (DPD)

As customer request, only take the transparent part to test.

Info: IEE (Langfang) Electronics & Engineering Co. Ltd., Yaohua Road No. 3-1 Langfang Economic & Technical Development Zone Langfang
weighted sample: 29,67mg; dimensions: 16*3,5*<1mm
Kind of wrapping at delivery: welded in aluminium composite foil

FOG - total emission value in µg/g (ppm)

15,7

reten- tion	name of substance	masses	CAS-No.	area [%]	emission [µg/g]	MS- qualifier [%]	GA DSL	CLP
time(min.)								
16,56	hexadecanoic acid = palmitic acid	73 43 60 55 41	000057-10-3	8,66	1,4	98		
23,13	Di(2-ethylhexyl) phthalate DEHP = DOP	149 57 167 71 70	000117-81-7	20,36	3,2	90	D/P	Repr. 1B
28,78	Squalene	69 81 41 95 67	000111-02-4	41,46	6,5	96		

Sum of identified or assigned substances >0,95µg/g

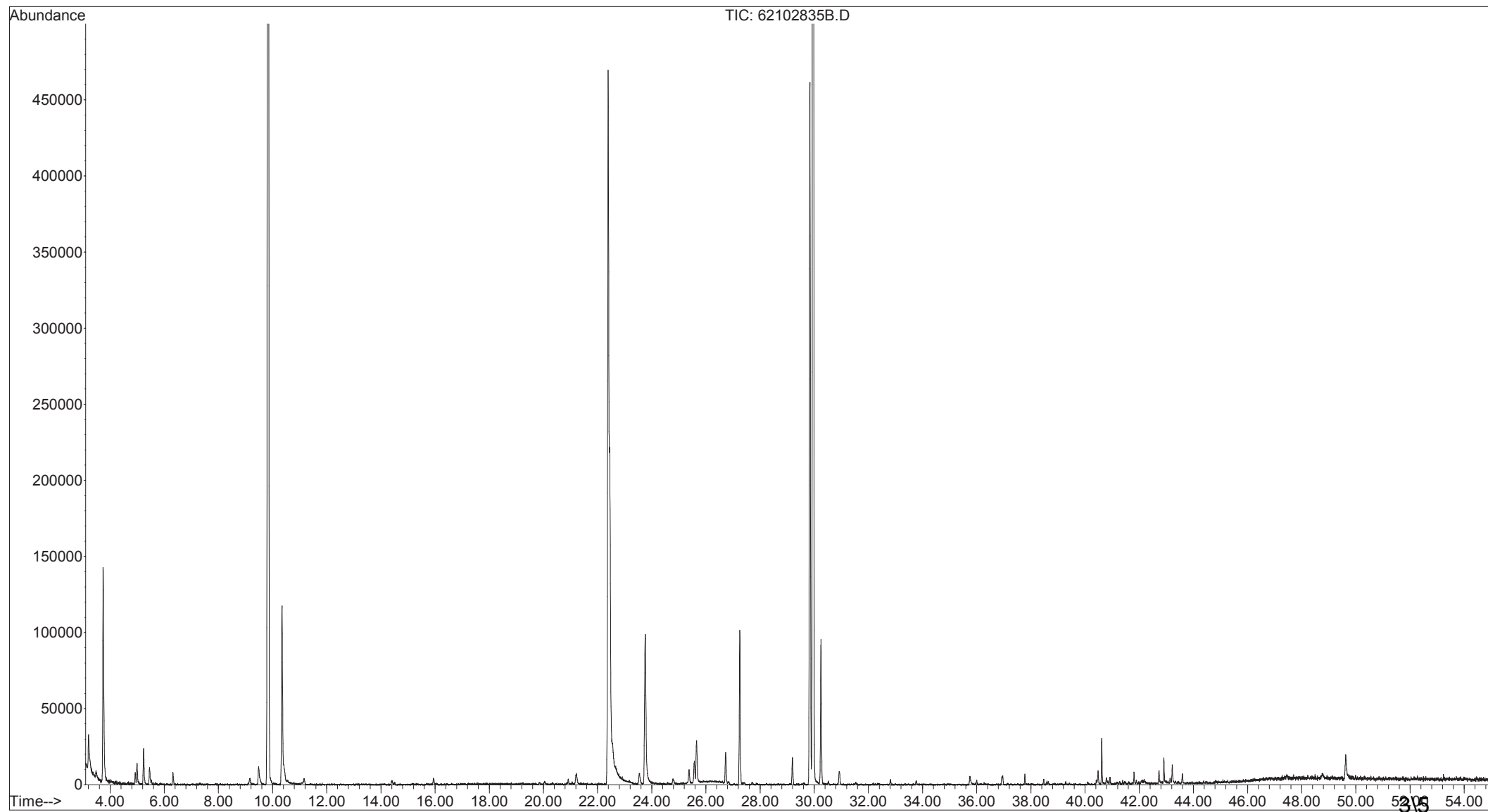
70,48

11,0

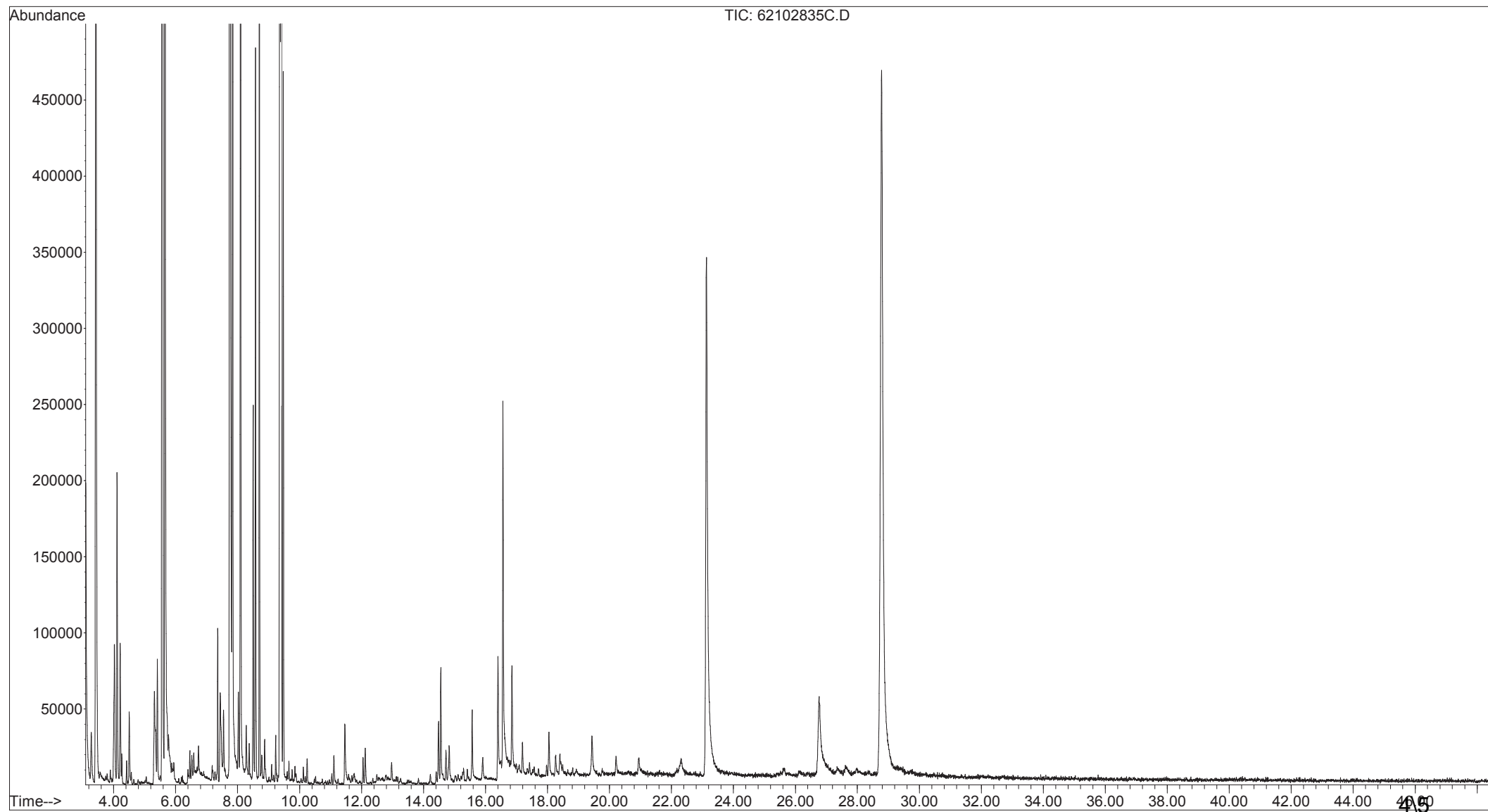
The following identified substances are listed in the Global Automotive Declarable Substance List (GADSL 02/2021) with D = Declarable or P = Prohibited: Di(2-ethylhexyl) phthalate DEHP

The following identified substances are listed in the Regulation (EC) No 1272/2008 (CLP-regulation) [updated to ATP13-27/03/2019] with Carcinogenicity, Germ cell mutagenicity; embryotoxic or Reproductive toxicity: Di(2-ethylhexyl) phthalate DEHP

File :G:\UVE GMBH\GC allgemein\Rohdaten_GC-17\2021\05_Mai\21_05_12\
... BSB\62102835B.D
Operator :
Instrument : GC-17
Acquired : 12 May 2021 20:20 using AcqMethod VOC.M
Sample Name: IMAT (Shenyang): N16019
Misc Info : Einwaage: 29,67mg; Maße: 16*3,5*<1mm



File :G:\UVE GMBH\GC allgemein\Rohdaten_GC-17\2021\05_Mai\21_05_12\
... BSB\62102835C.D
Operator :
Instrument : GC-17
Acquired : 12 May 2021 22:25 using AcqMethod FOG.M
Sample Name: IMAT (Shenyang): N16019
Misc Info : Einwaage: 29,67mg; Maße: 16*3,5*<1mm



Sample-No.	32100135
Date	12.05.2021
Method	VDA 278

