

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122623AL\
 Data File : FE045953.D
 Signal(s) : FID1B.ch
 Acq On : 26 Dec 2023 08:16
 Operator : YP\AJ
 Sample : MECL2
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 26 22:26:17 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 113023.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 30 12:25:07 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.829	22490	0.108 ug/ml
Spiked Amount 50.000		Recovery =	0.22%
12) S 1-chlorooctadecane (S...	13.295	793454	5.043 ug/ml
Spiked Amount 50.000		Recovery =	10.09%
Target Compounds			
4) T n-Dodecane (C12)	6.640	49154	0.304 ug/ml
7) T n-Hexadecane (C16)	10.082	35437	0.214 ug/ml
8) T n-Octadecane (C18)	11.547	22306	0.130 ug/ml
11) T n-Heneicosane (C21)	13.448	330664	1.922 ug/ml
13) T n-Docosane (C22)	14.033	442347	2.565 ug/ml
14) T n-Tetracosane (C24)	15.142	1754268	10.049 ug/ml
15) T n-Hexacosane (C26)	16.176	1496984	8.596 ug/ml
16) T n-Octacosane (C28)	17.135	1132003	6.550 ug/ml
17) T n-Tricontane (C30)	18.024	1196695	6.840 ug/ml
18) T n-Dotriacontane (C32)	18.864	1360614	7.458 ug/ml
19) T n-Tetratriacontane (C34)	19.650	897803	5.411 ug/ml
20) T n-Hexatriacontane (C36)	20.412	809996	5.103 ug/ml
21) T n-Octatriacontane (C38)	21.121	96571	0.616 ug/ml
22) T n-Tetracontane (C40)	22.052	704487	4.957 ug/ml

(f)=RT Delta > 1/2 Window

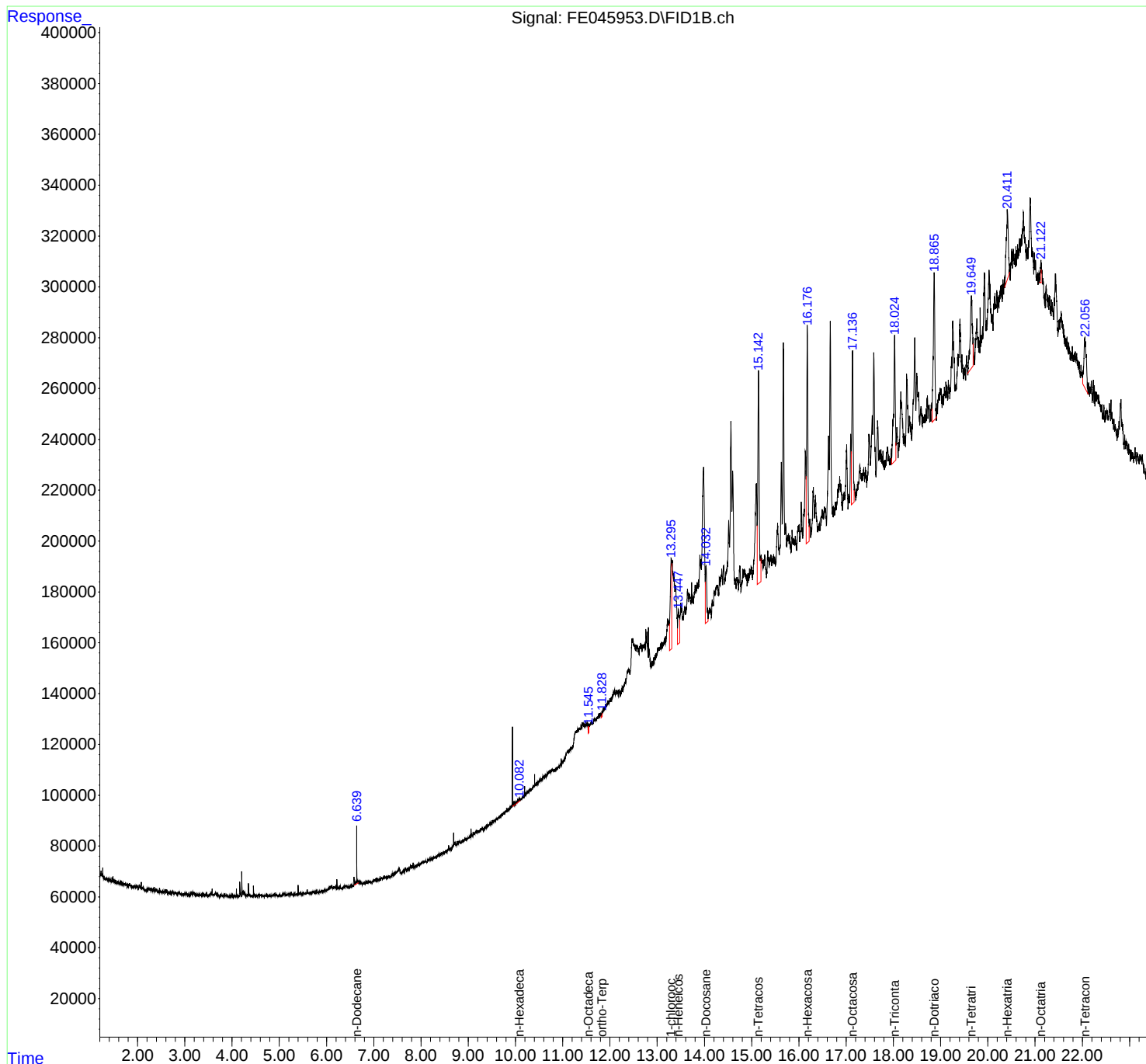
(m)=manual int.

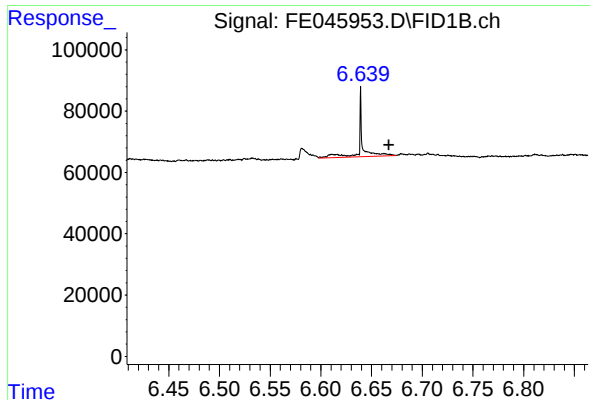
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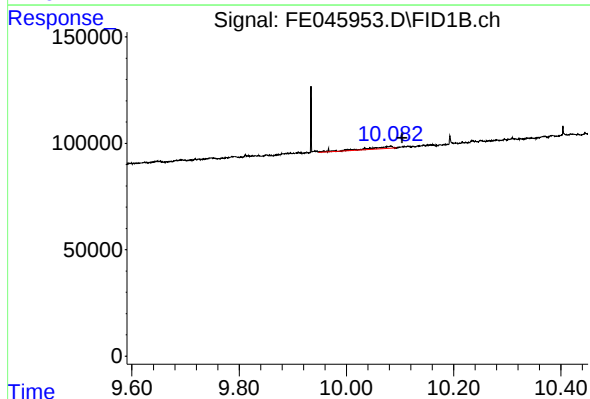




#4 n-Dodecane (C12)

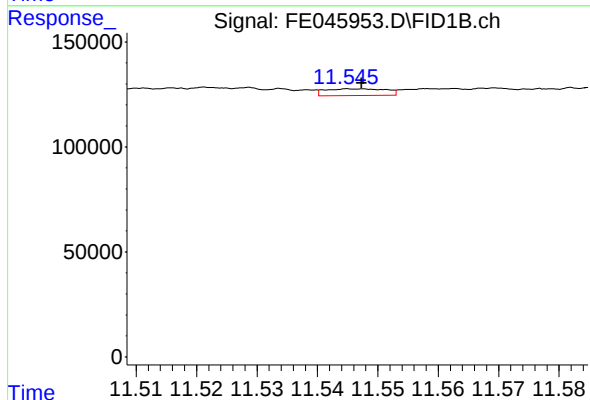
R.T.: 6.640 min
Delta R.T.: -0.027 min
Response: 49154
Conc: 0.30 ug/ml

Instrument :
FID_E
ClientSampleId :



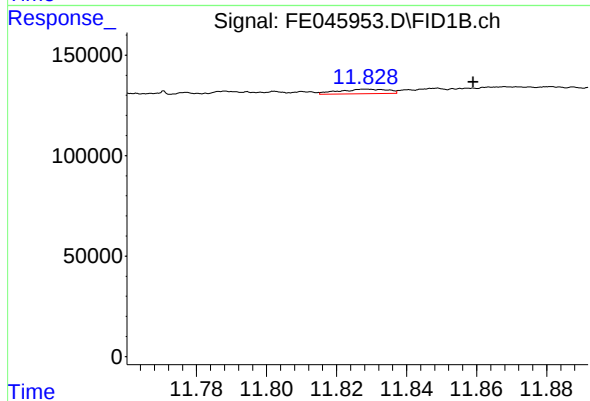
#7 n-Hexadecane (C16)

R.T.: 10.082 min
Delta R.T.: -0.022 min
Response: 35437
Conc: 0.21 ug/ml



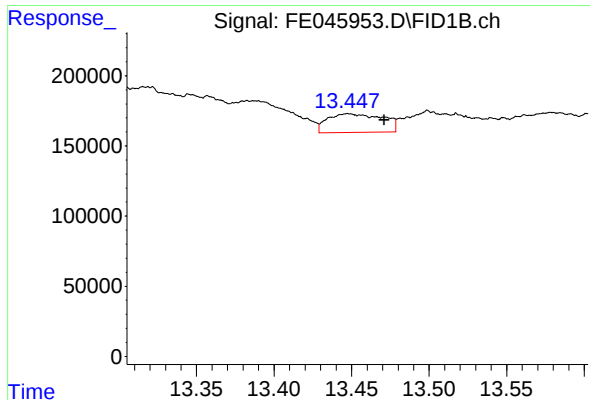
#8 n-Octadecane (C18)

R.T.: 11.547 min
Delta R.T.: 0.000 min
Response: 22306
Conc: 0.13 ug/ml



#9 ortho-Terphenyl (SURR)

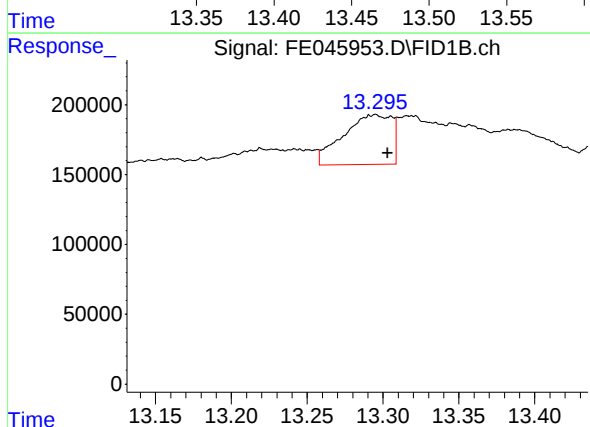
R.T.: 11.829 min
Delta R.T.: -0.030 min
Response: 22490
Conc: 0.11 ug/ml



#11 n-Heneicosane (C21)

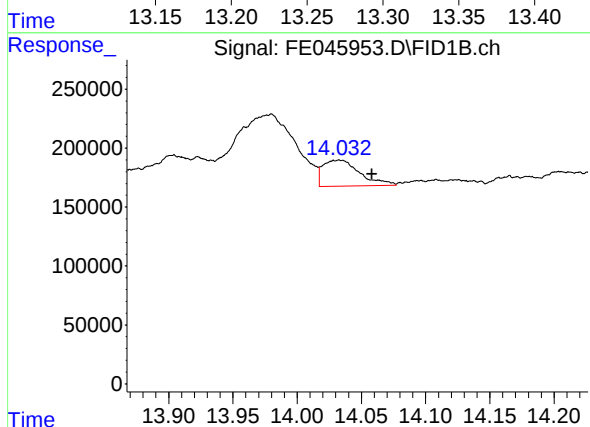
R.T.: 13.448 min
Delta R.T.: -0.023 min
Response: 330664
Conc: 1.92 ug/ml

Instrument :
FID_E
ClientSampleId :



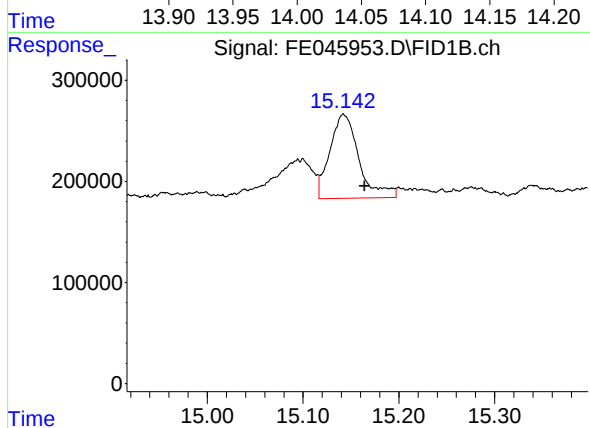
#12 1-chlorooctadecane (SURR)

R.T.: 13.295 min
Delta R.T.: -0.008 min
Response: 793454
Conc: 5.04 ug/ml



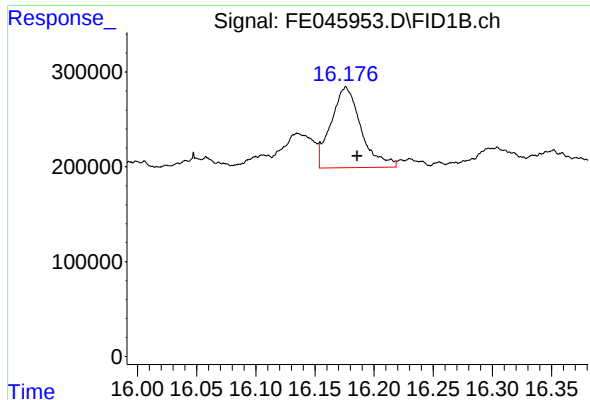
#13 n-Docosane (C22)

R.T.: 14.033 min
Delta R.T.: -0.025 min
Response: 442347
Conc: 2.57 ug/ml



#14 n-Tetracosane (C24)

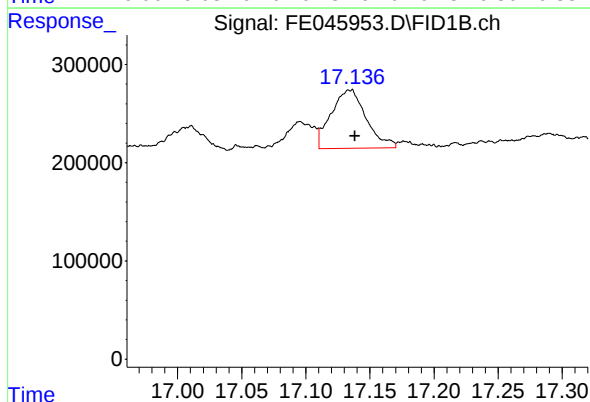
R.T.: 15.142 min
Delta R.T.: -0.022 min
Response: 1754268
Conc: 10.05 ug/ml



#15 n-Hexacosane (C26)

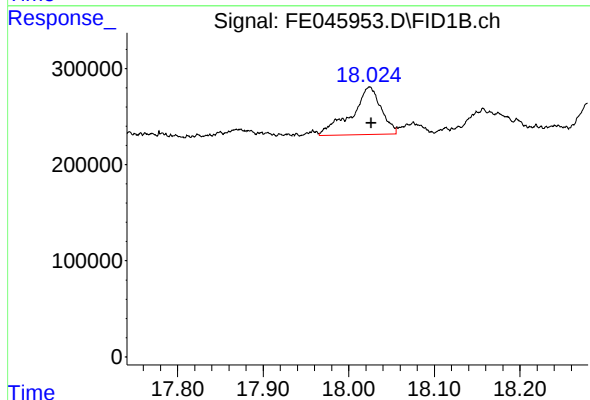
R.T.: 16.176 min
Delta R.T.: -0.010 min
Response: 1496984
Conc: 8.60 ug/ml

Instrument :
FID_E
ClientSampleId :



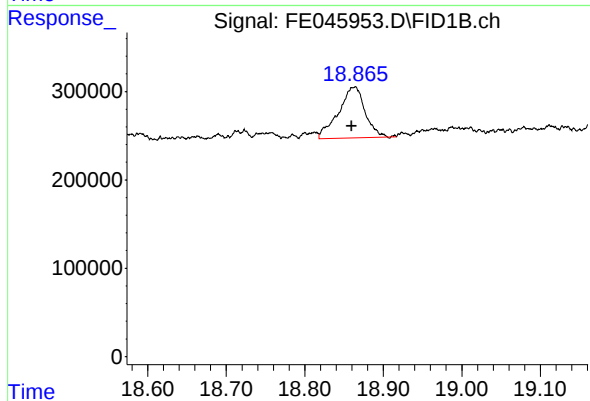
#16 n-Octacosane (C28)

R.T.: 17.135 min
Delta R.T.: -0.004 min
Response: 1132003
Conc: 6.55 ug/ml



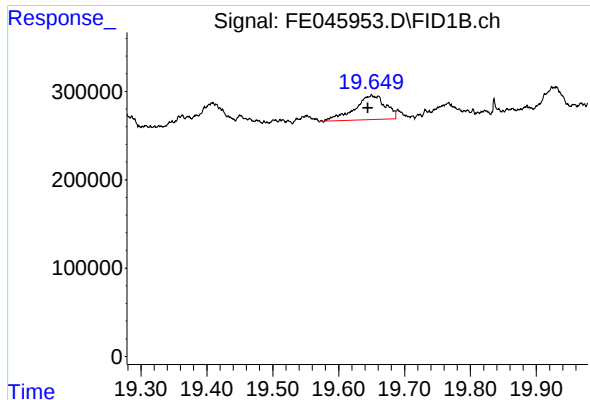
#17 n-Tricontane (C30)

R.T.: 18.024 min
Delta R.T.: -0.002 min
Response: 1196695
Conc: 6.84 ug/ml



#18 n-Dotriacontane (C32)

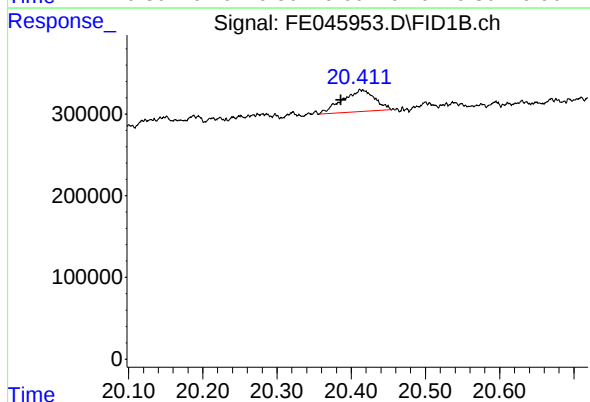
R.T.: 18.864 min
Delta R.T.: 0.004 min
Response: 1360614
Conc: 7.46 ug/ml



#19 n-Tetratriacontane (C34)

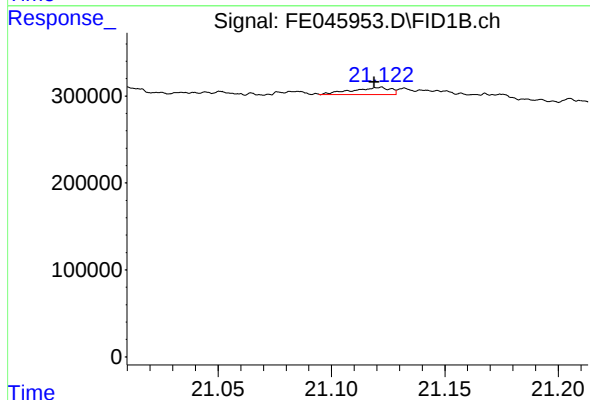
R.T.: 19.650 min
Delta R.T.: 0.006 min
Response: 897803
Conc: 5.41 ug/ml

Instrument :
FID_E
ClientSampleId :



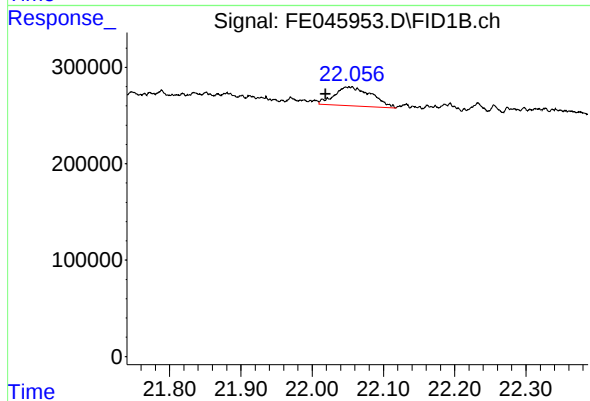
#20 n-Hexatriacontane (C36)

R.T.: 20.412 min
Delta R.T.: 0.026 min
Response: 809996
Conc: 5.10 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.121 min
Delta R.T.: 0.002 min
Response: 96571
Conc: 0.62 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.052 min
Delta R.T.: 0.033 min
Response: 704487
Conc: 4.96 ug/ml