

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032723AL\
 Data File : FE041025.D
 Signal(s) : FID1B.ch
 Acq On : 27 Mar 2023 08:46
 Operator : YP\AJ
 Sample : MECL2
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 28 03:23:10 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 25 06:32:15 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)	11.911	236065	1.256 ug/ml
Spiked Amount 50.000		Recovery =	2.51%
Target Compounds			
7) T n-Hexadecane (C16)	10.111	15913	0.089 ug/ml
8) T n-Octadecane (C18)	11.537	47847	0.268 ug/ml
10) T n-Eicosane (C20)	12.850	130545	0.765 ug/ml
11) T n-Heneicosane (C21)	13.460	432208	2.555 ug/ml
13) T n-Docosane (C22)	14.036	824067	4.980 ug/ml
14) T n-Tetracosane (C24)	15.158	672440	4.156 ug/ml
15) T n-Hexacosane (C26)	16.183	564967	3.645 ug/ml
16) T n-Octacosane (C28)	17.134	494673	3.229 ug/ml
17) T n-Tricontane (C30)	18.025	288887	1.890 ug/ml
18) T n-Dotriacontane (C32)	18.871	812253	5.202 ug/ml
19) T n-Tetratriacontane (C34)	19.640	234292	1.512 ug/ml
20) T n-Hexatriacontane (C36)	20.385	248895	1.639 ug/ml
21) T n-Octatriacontane (C38)	21.112	95246	0.610 ug/ml
22) T n-Tetracontane (C40)	22.050f	588656	3.688 ug/ml

(f)=RT Delta > 1/2 Window

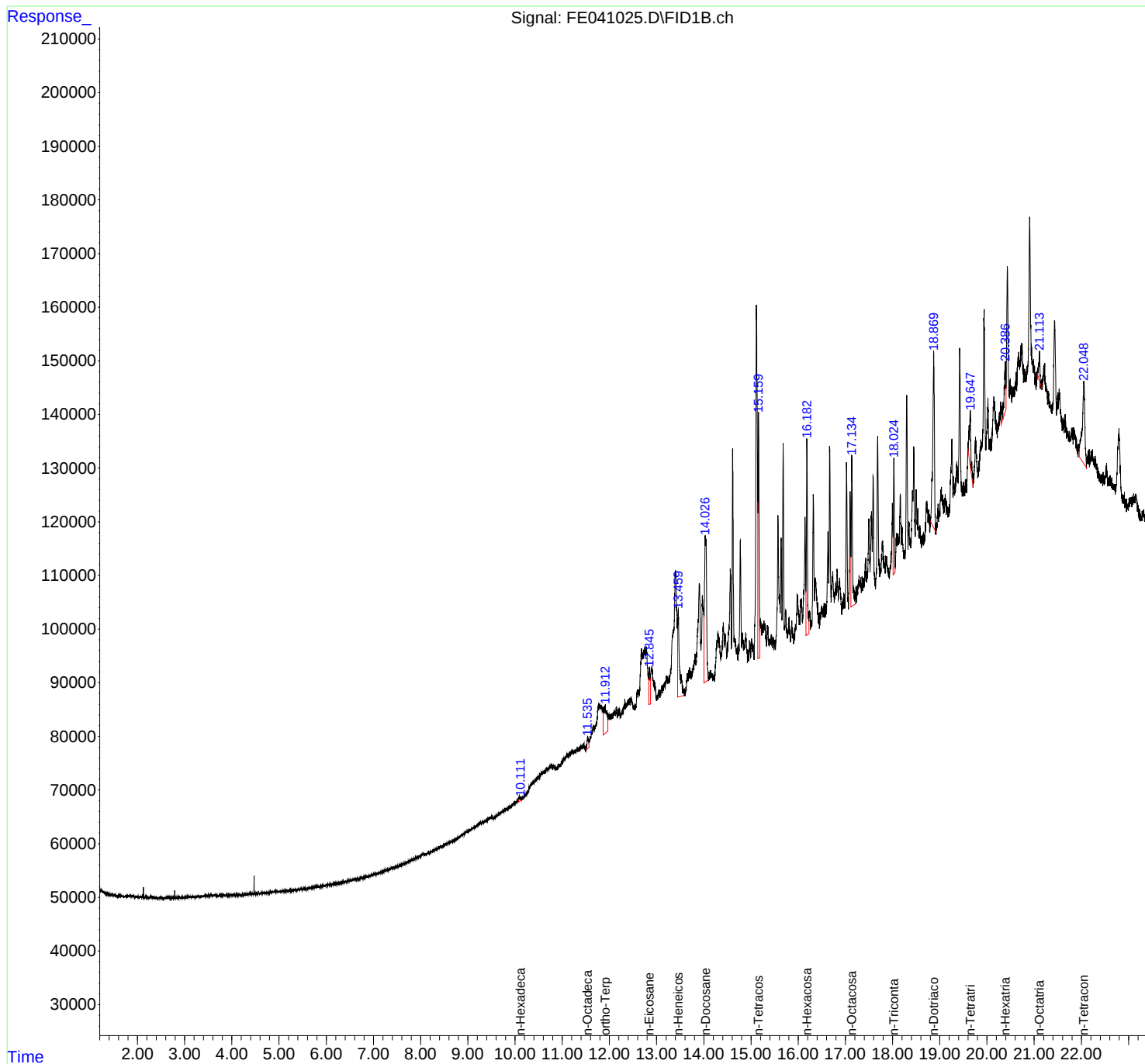
(m)=manual int.

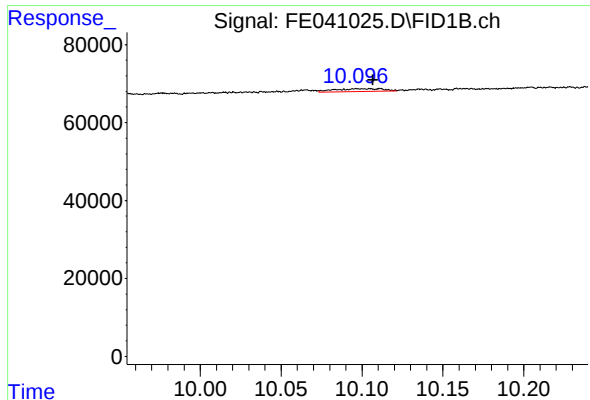
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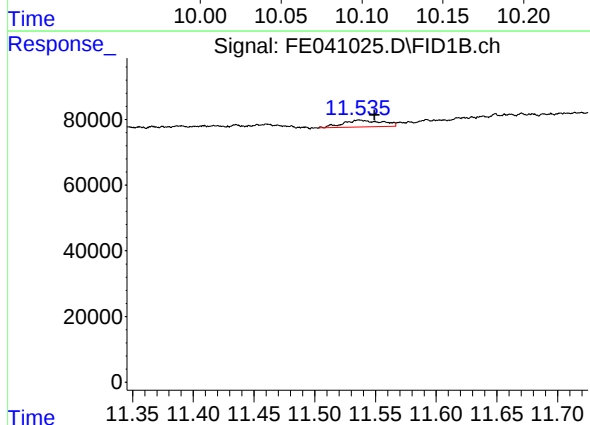




#7 n-Hexadecane (C16)

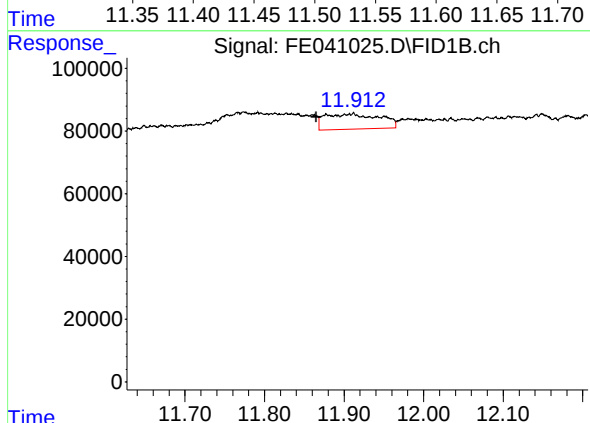
R.T.: 10.111 min
Delta R.T.: 0.004 min
Response: 15913
Conc: 0.09 ug/ml

Instrument :
FID_E
ClientSampleId :



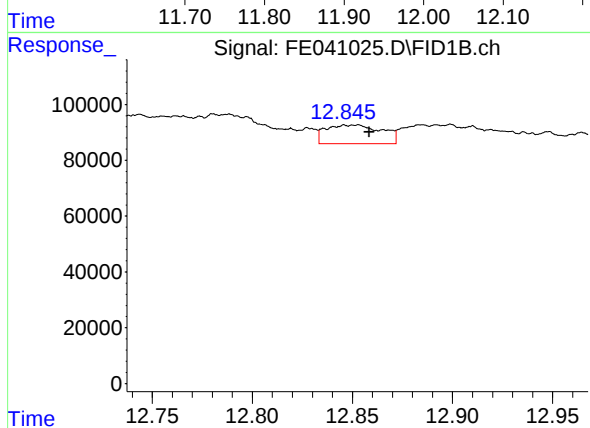
#8 n-Octadecane (C18)

R.T.: 11.537 min
Delta R.T.: -0.012 min
Response: 47847
Conc: 0.27 ug/ml



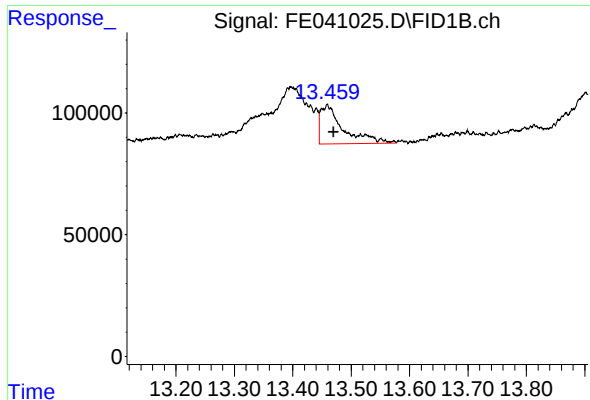
#9 ortho-Terphenyl (SURR)

R.T.: 11.911 min
Delta R.T.: 0.046 min
Response: 236065
Conc: 1.26 ug/ml



#10 n-Eicosane (C20)

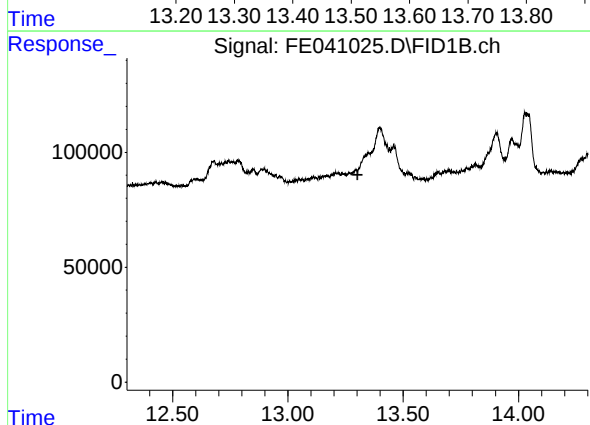
R.T.: 12.850 min
Delta R.T.: -0.008 min
Response: 130545
Conc: 0.77 ug/ml



#11 n-Heneicosane (C21)

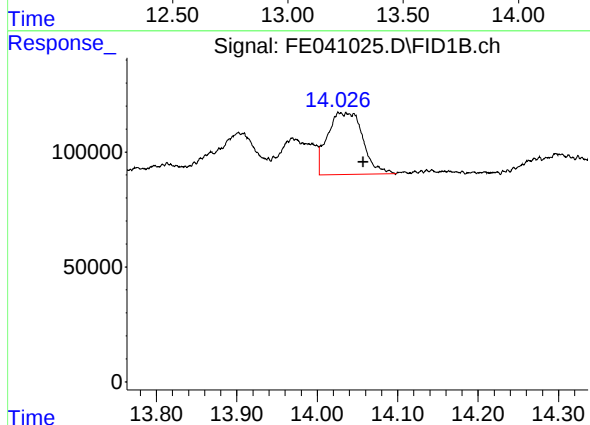
R.T.: 13.460 min
Delta R.T.: -0.010 min
Response: 432208
Conc: 2.55 ug/ml

Instrument :
FID_E
ClientSampleId :



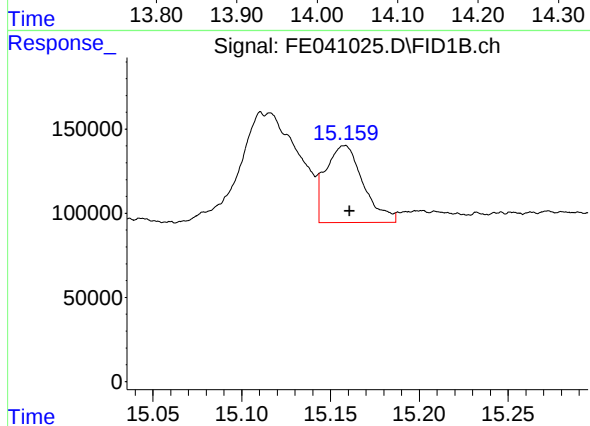
#12 1-chlorooctadecane (SURR)

R.T.: 0.000 min
Exp R.T.: 13.302 min
Response: 0
Conc: N.D.



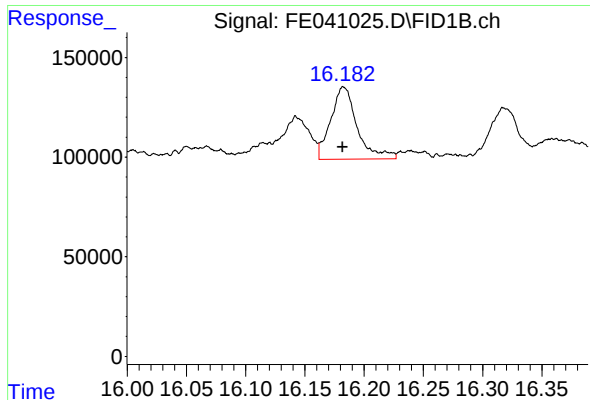
#13 n-Docosane (C22)

R.T.: 14.036 min
Delta R.T.: -0.021 min
Response: 824067
Conc: 4.98 ug/ml



#14 n-Tetracosane (C24)

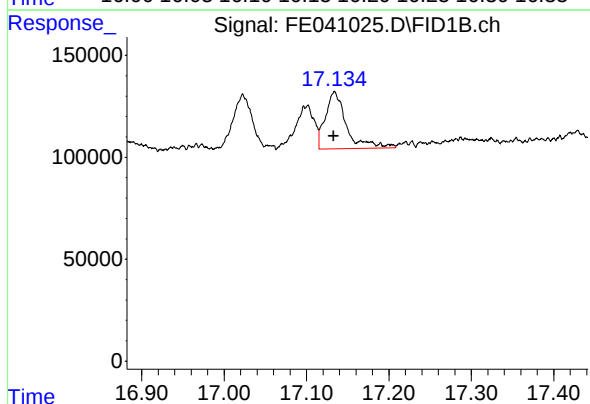
R.T.: 15.158 min
Delta R.T.: -0.003 min
Response: 672440
Conc: 4.16 ug/ml



#15 n-Hexacosane (C26)

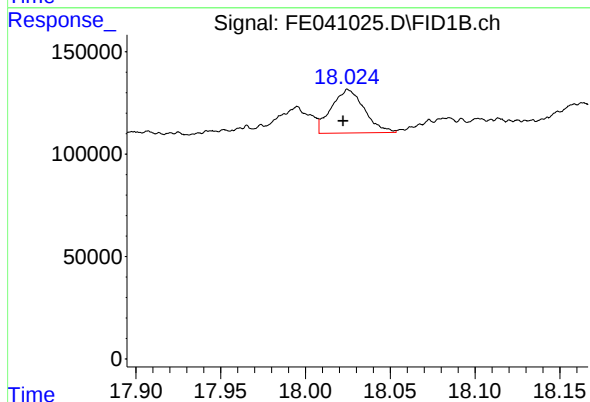
R.T.: 16.183 min
Delta R.T.: 0.000 min
Response: 564967
Conc: 3.64 ug/ml

Instrument :
FID_E
ClientSampleId :



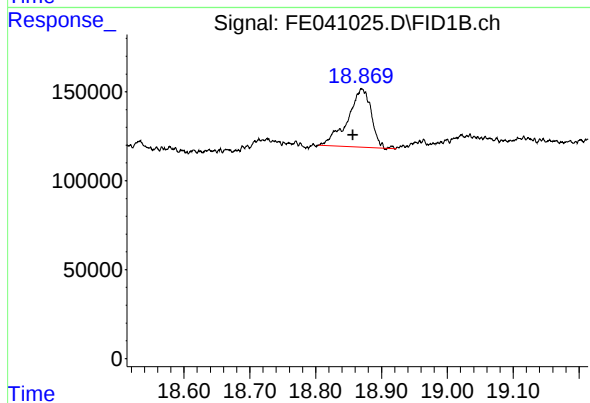
#16 n-Octacosane (C28)

R.T.: 17.134 min
Delta R.T.: 0.000 min
Response: 494673
Conc: 3.23 ug/ml



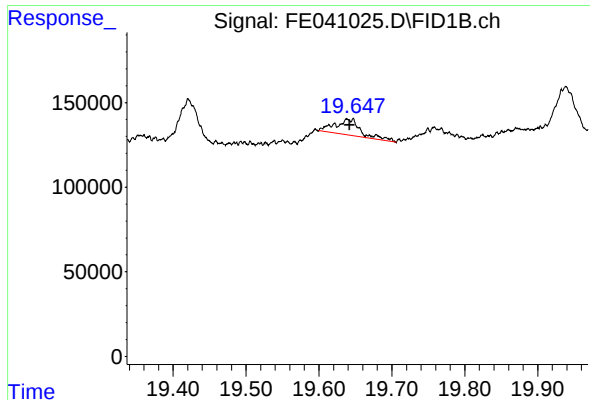
#17 n-Tricontane (C30)

R.T.: 18.025 min
Delta R.T.: 0.003 min
Response: 288887
Conc: 1.89 ug/ml



#18 n-Dotriacontane (C32)

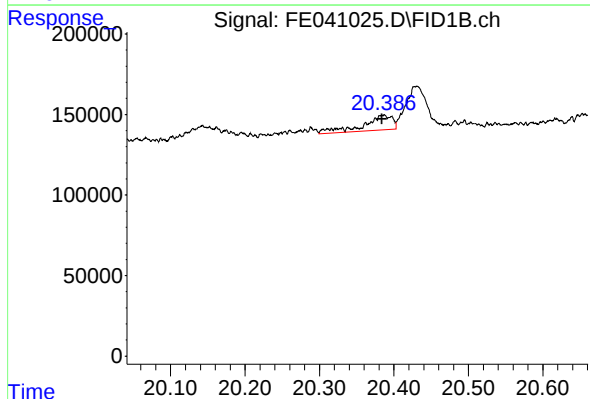
R.T.: 18.871 min
Delta R.T.: 0.014 min
Response: 812253
Conc: 5.20 ug/ml



#19 n-Tetratriacontane (C34)

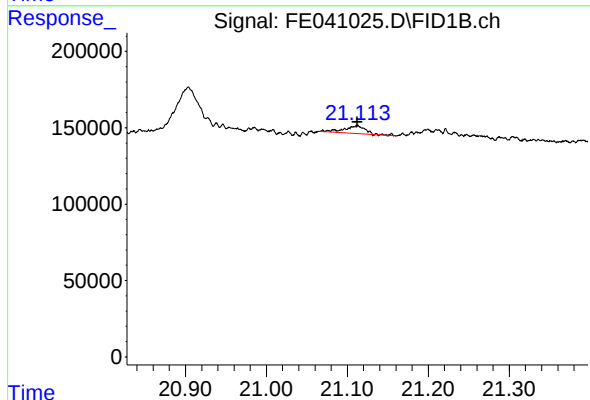
R.T.: 19.640 min
Delta R.T.: -0.003 min
Response: 234292
Conc: 1.51 ug/ml

Instrument :
FID_E
ClientSampleId :



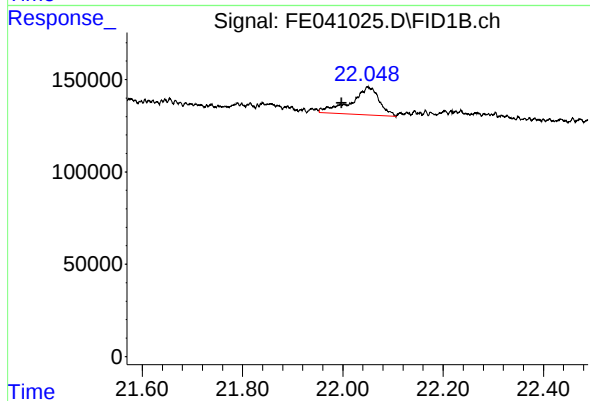
#20 n-Hexatriacontane (C36)

R.T.: 20.385 min
Delta R.T.: 0.001 min
Response: 248895
Conc: 1.64 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.112 min
Delta R.T.: 0.000 min
Response: 95246
Conc: 0.61 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.050 min
Delta R.T.: 0.003 min
Response: 588656
Conc: 3.69 ug/ml