

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110123AL\
 Data File : FE045140.D
 Signal(s) : FID1B.ch
 Acq On : 01 Nov 2023 16:51
 Operator : YP\AJ
 Sample : 05170-02
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 01 23:57:53 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101223.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 12 06:15:32 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)	11.894	5384053	26.858 ug/ml
Spiked Amount 50.000		Recovery =	53.72%
12) S 1-chlorooctadecane (S...	13.377	37562	0.254 ug/ml
Spiked Amount 50.000		Recovery =	0.51%
Target Compounds			
6) T n-Tetradecane (C14)	8.487f	300919	1.755 ug/ml
8) T n-Octadecane (C18)	11.665f	75102	0.431 ug/ml
10) T n-Eicosane (C20)	12.892	129307	0.774 ug/ml
11) T n-Heneicosane (C21)	13.508	31347	0.192 ug/ml
13) T n-Docosane (C22)	14.092	196646	1.229 ug/ml
14) T n-Tetracosane (C24)	15.199	111519	0.719 ug/ml
15) T n-Hexacosane (C26)	16.227	347080	2.312 ug/ml
16) T n-Octacosane (C28)	17.194	1807289	12.308 ug/ml
17) T n-Tricontane (C30)	18.066	2653621	17.842 ug/ml
18) T n-Dotriacontane (C32)	18.911	983734	6.554 ug/ml
19) T n-Tetratriacontane (C34)	19.680	875217	5.879 ug/ml
20) T n-Hexatriacontane (C36)	20.440	2272184	14.779 ug/ml
21) T n-Octatriacontane (C38)	21.190	1639576	10.496 ug/ml
22) T n-Tetracontane (C40)	22.072	333197	1.994 ug/ml

(f)=RT Delta > 1/2 Window

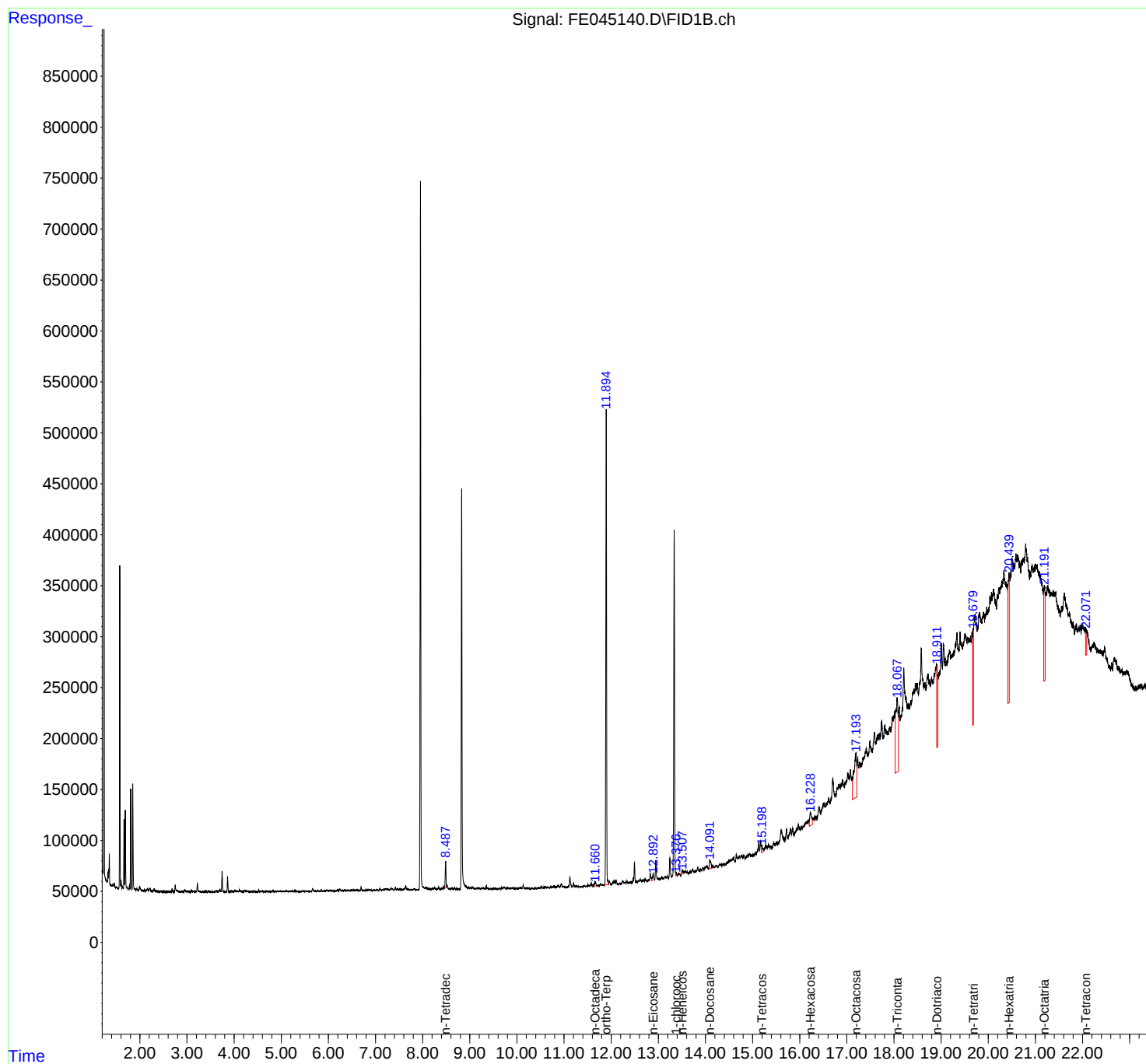
(m)=manual int.

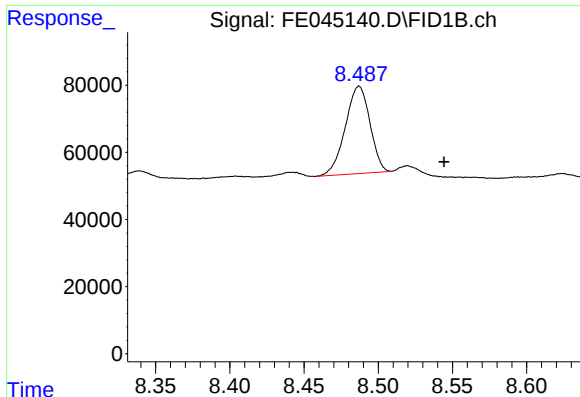
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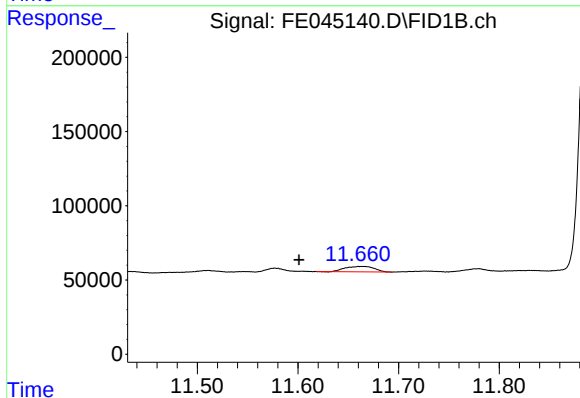




#6 n-Tetradecane (C14)

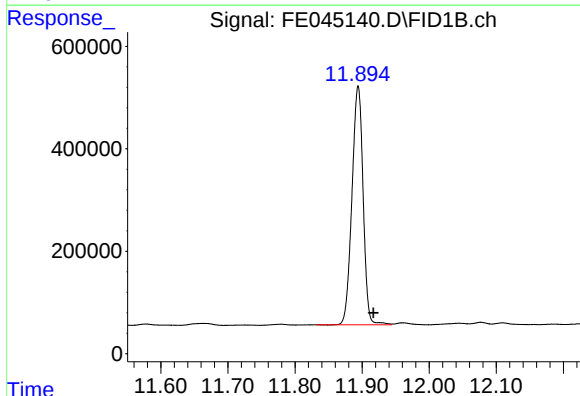
R.T.: 8.487 min
Delta R.T.: -0.057 min
Response: 300919
Conc: 1.75 ug/ml

Instrument :
FID_E
ClientSampleId :



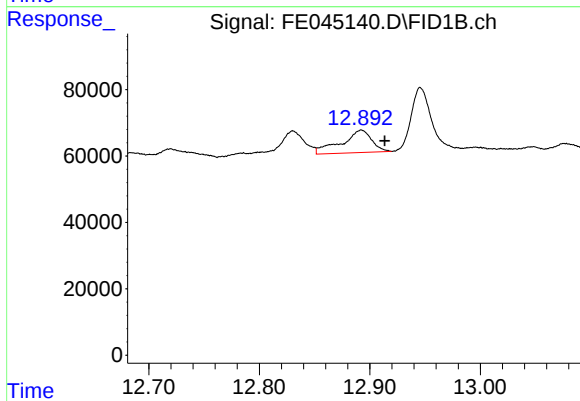
#8 n-Octadecane (C18)

R.T.: 11.665 min
Delta R.T.: 0.064 min
Response: 75102
Conc: 0.43 ug/ml



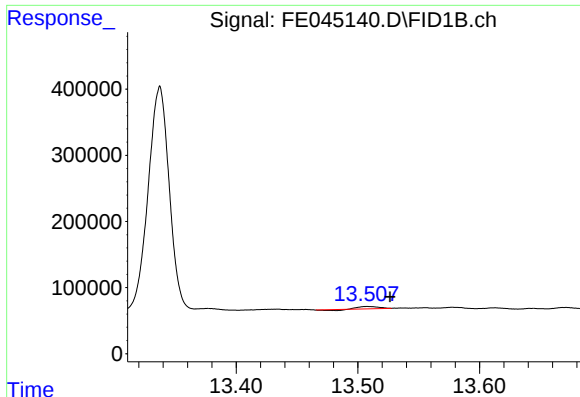
#9 ortho-Terphenyl (SURR)

R.T.: 11.894 min
Delta R.T.: -0.023 min
Response: 5384053
Conc: 26.86 ug/ml



#10 n-Eicosane (C20)

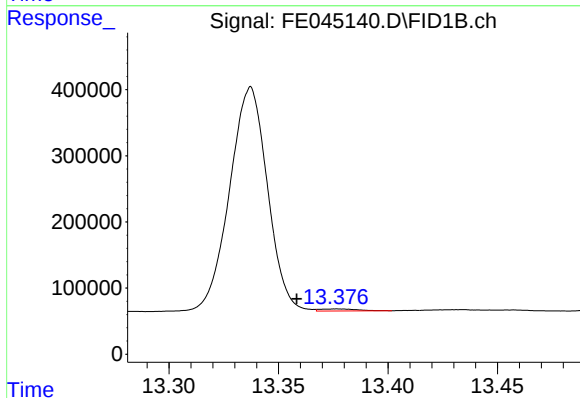
R.T.: 12.892 min
Delta R.T.: -0.021 min
Response: 129307
Conc: 0.77 ug/ml



#11 n-Heneicosane (C21)

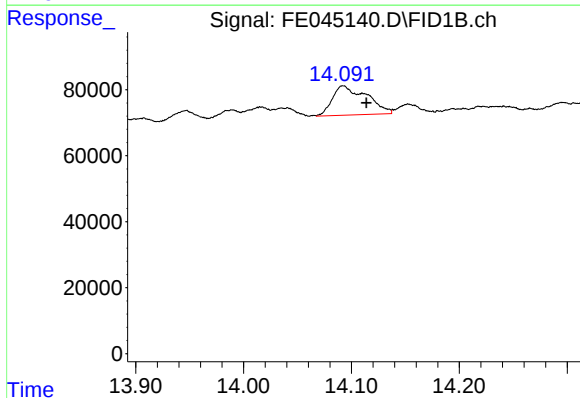
R.T.: 13.508 min
Delta R.T.: -0.019 min
Response: 31347
Conc: 0.19 ug/ml

Instrument :
FID_E
ClientSampleId :



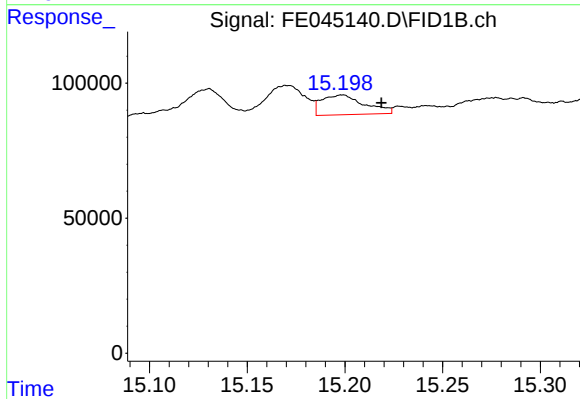
#12 1-chlorooctadecane (SURR)

R.T.: 13.377 min
Delta R.T.: 0.019 min
Response: 37562
Conc: 0.25 ug/ml



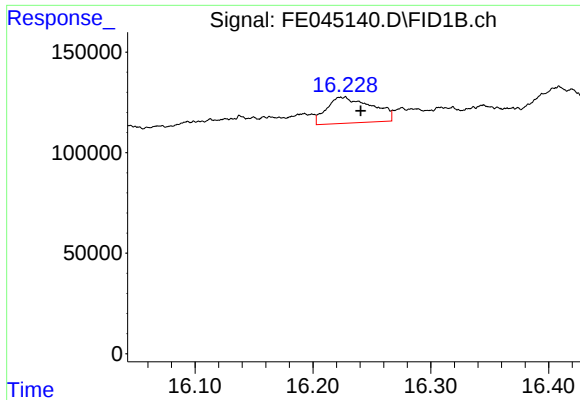
#13 n-Docosane (C22)

R.T.: 14.092 min
Delta R.T.: -0.022 min
Response: 196646
Conc: 1.23 ug/ml



#14 n-Tetracosane (C24)

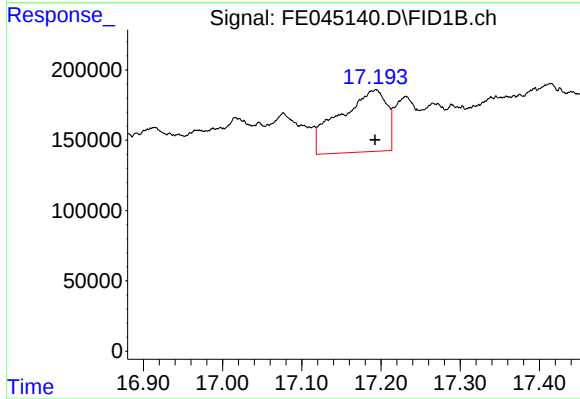
R.T.: 15.199 min
Delta R.T.: -0.020 min
Response: 111519
Conc: 0.72 ug/ml



#15 n-Hexacosane (C26)

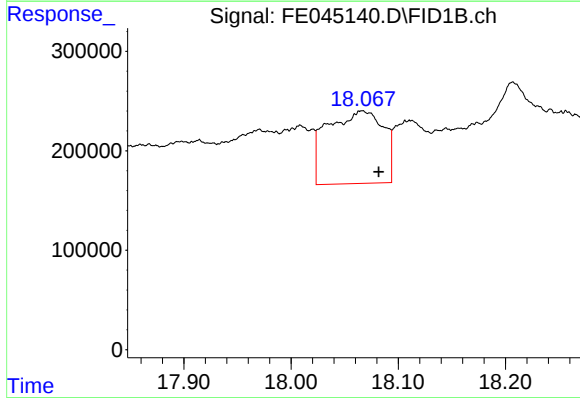
R.T.: 16.227 min
Delta R.T.: -0.014 min
Response: 347080
Conc: 2.31 ug/ml

Instrument :
FID_E
ClientSampleId :



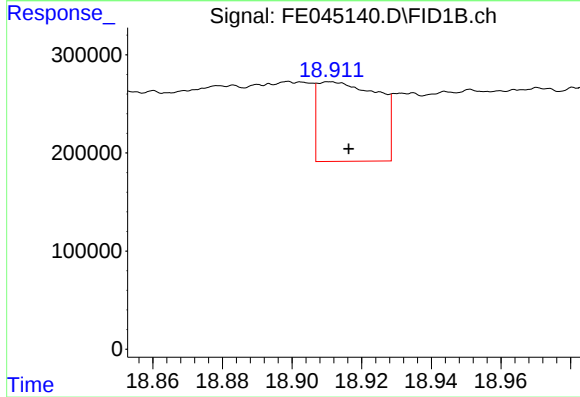
#16 n-Octacosane (C28)

R.T.: 17.194 min
Delta R.T.: 0.001 min
Response: 1807289
Conc: 12.31 ug/ml



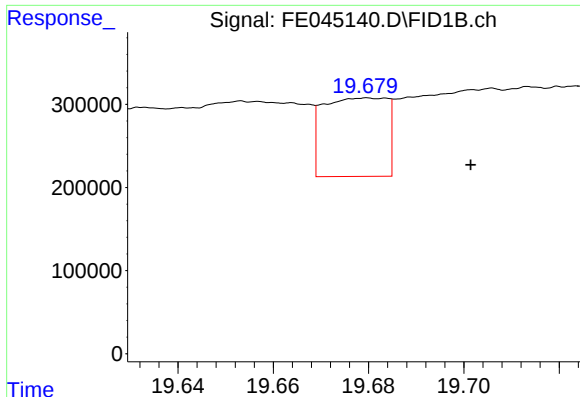
#17 n-Tricontane (C30)

R.T.: 18.066 min
Delta R.T.: -0.016 min
Response: 2653621
Conc: 17.84 ug/ml



#18 n-Dotriacontane (C32)

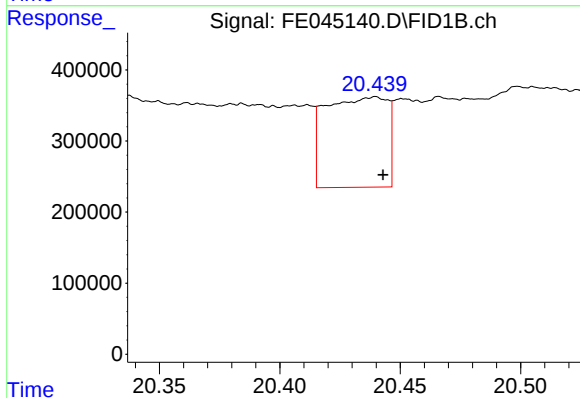
R.T.: 18.911 min
Delta R.T.: -0.005 min
Response: 983734
Conc: 6.55 ug/ml



#19 n-Tetratriacontane (C34)

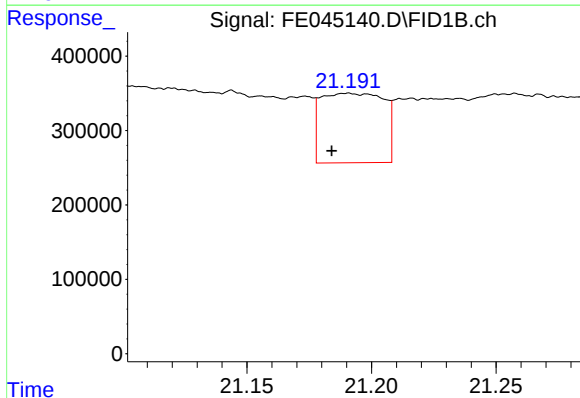
R.T.: 19.680 min
Delta R.T.: -0.022 min
Response: 875217
Conc: 5.88 ug/ml

Instrument :
FID_E
ClientSampleId :



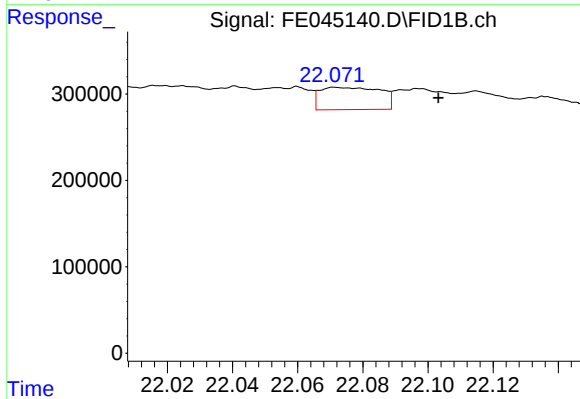
#20 n-Hexatriacontane (C36)

R.T.: 20.440 min
Delta R.T.: -0.003 min
Response: 2272184
Conc: 14.78 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.190 min
Delta R.T.: 0.006 min
Response: 1639576
Conc: 10.50 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.072 min
Delta R.T.: -0.031 min
Response: 333197
Conc: 1.99 ug/ml