

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071625AL\
 Data File : FE054865.D
 Signal(s) : FID1B.ch
 Acq On : 16 Jul 2025 06:06
 Operator : YP\AJ
 Sample : MECL2
 Misc :
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 16 12:20:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062725.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 08 07:45:12 2025
 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)	12.029f	125693	0.774 ug/ml
Spiked Amount 50.000		Recovery =	1.55%
12) S 1-chlorooctadecane (S...	13.518	55641	0.441 ug/ml
Spiked Amount 50.000		Recovery =	0.88%
Target Compounds			
10) T n-Eicosane (C20)	13.061	199904	1.390 ug/ml
11) T n-Heneicosane (C21)	13.684	193720	1.356 ug/ml
13) T n-Docosane (C22)	14.274	182678	1.279 ug/ml
14) T n-Tetracosane (C24)	15.377	200626	1.380 ug/ml
15) T n-Hexacosane (C26)	16.407	130926	0.905 ug/ml
16) T n-Octacosane (C28)	17.358	205310	1.409 ug/ml
17) T n-Tricontane (C30)	18.248	387290	2.458 ug/ml
18) T n-Dotriacontane (C32)	19.081	390811	2.416 ug/ml
19) T n-Tetratriacontane (C34)	19.866	227474	1.493 ug/ml
20) T n-Hexatriacontane (C36)	20.608	136310	1.014 ug/ml
21) T n-Octatriacontane (C38)	21.389	151792	1.294 ug/ml
22) T n-Tetracontane (C40)	22.384	18862	0.174 ug/ml

(f)=RT Delta > 1/2 Window

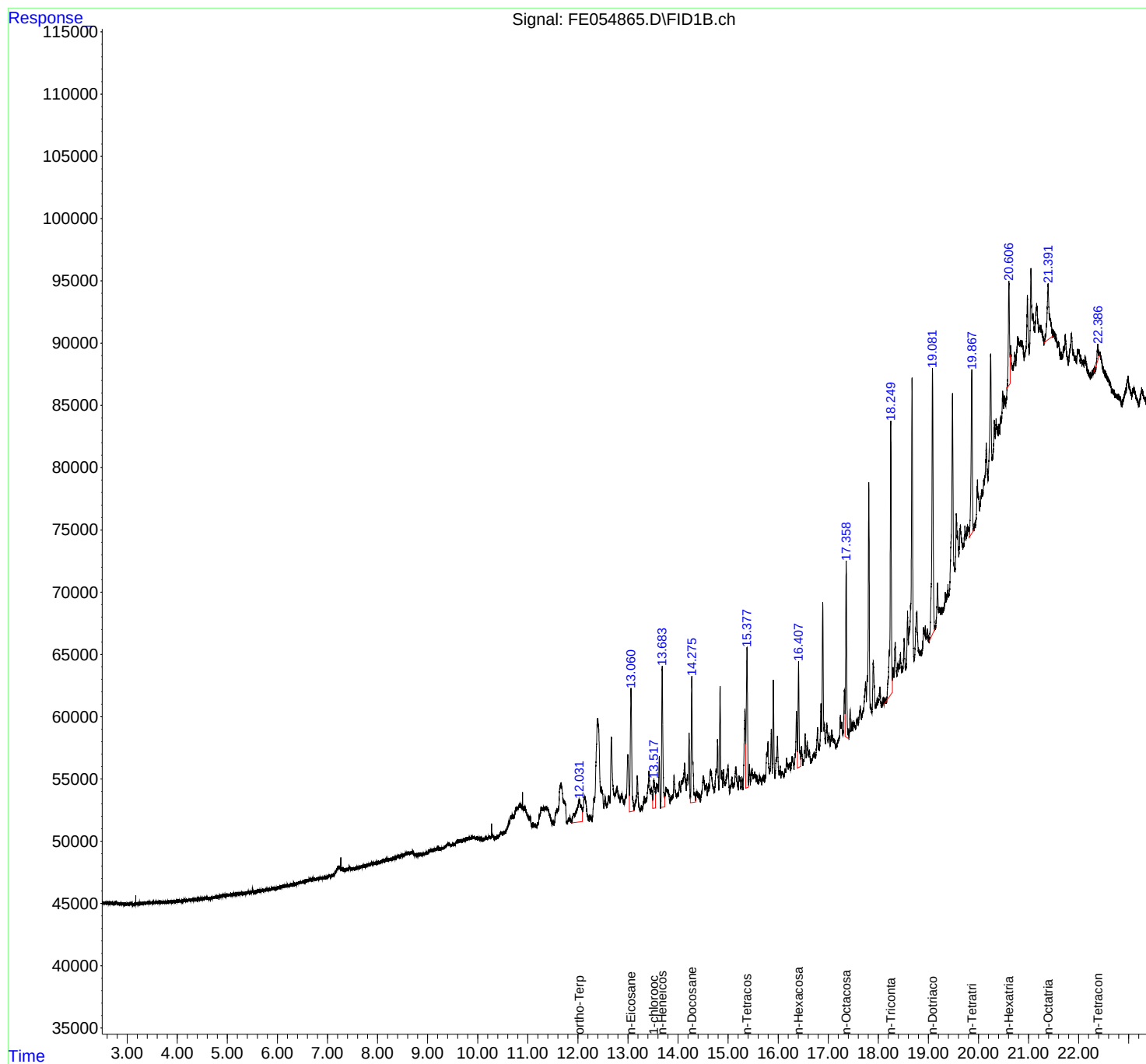
(m)=manual int.

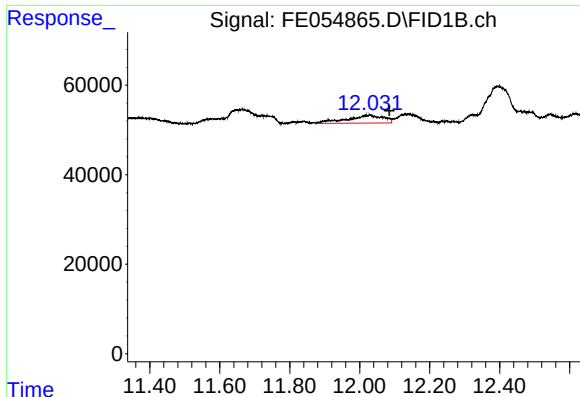
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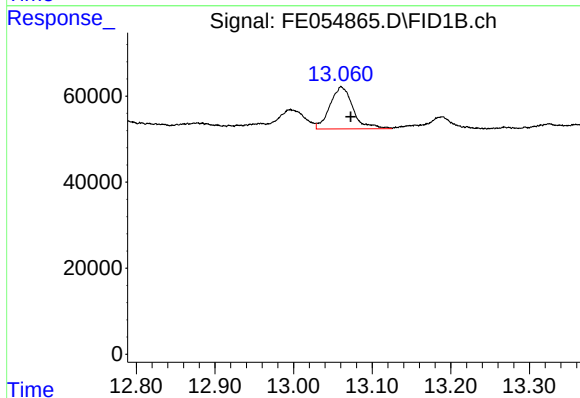




#9 ortho-Terphenyl (SURR)

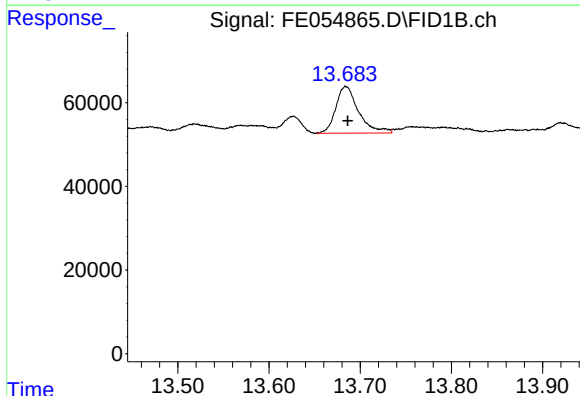
R.T.: 12.029 min
Delta R.T.: -0.055 min
Response: 125693
Conc: 0.77 ug/ml

Instrument :
FID_E
ClientSampleId :



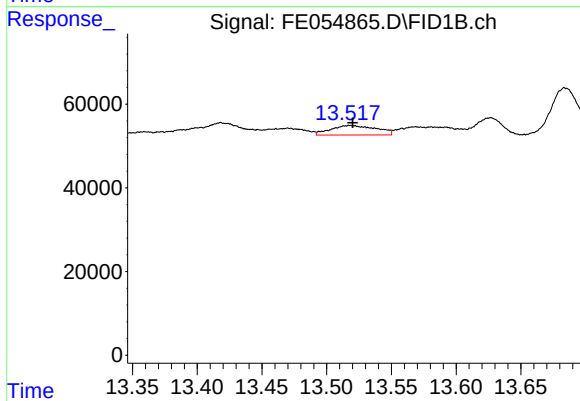
#10 n-Eicosane (C20)

R.T.: 13.061 min
Delta R.T.: -0.012 min
Response: 199904
Conc: 1.39 ug/ml



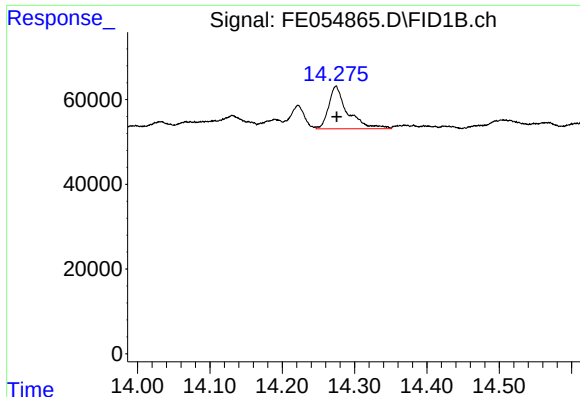
#11 n-Heneicosane (C21)

R.T.: 13.684 min
Delta R.T.: -0.002 min
Response: 193720
Conc: 1.36 ug/ml



#12 1-chlorooctadecane (SURR)

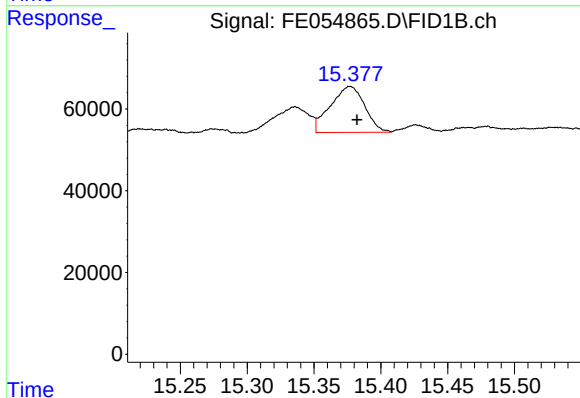
R.T.: 13.518 min
Delta R.T.: -0.002 min
Response: 55641
Conc: 0.44 ug/ml



#13 n-Docosane (C22)

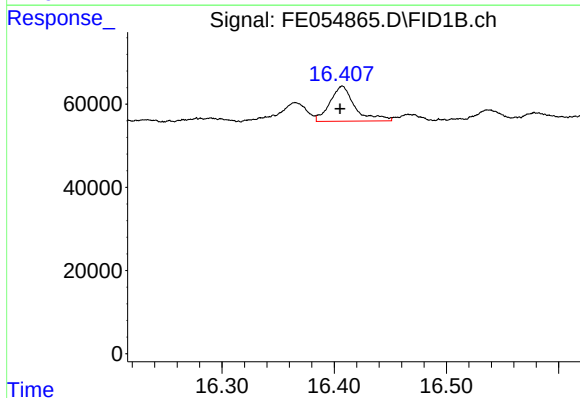
R.T.: 14.274 min
Delta R.T.: -0.001 min
Response: 182678
Conc: 1.28 ug/ml

Instrument :
FID_E
ClientSampleId :



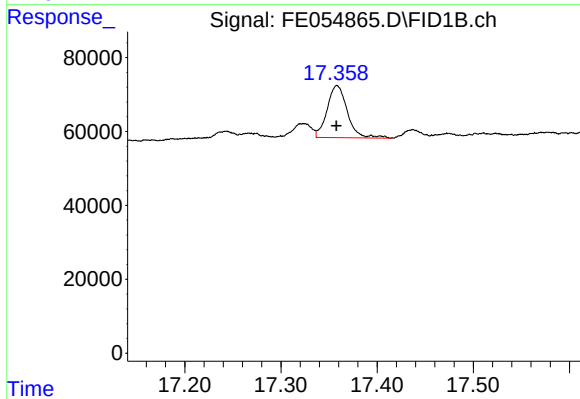
#14 n-Tetracosane (C24)

R.T.: 15.377 min
Delta R.T.: -0.006 min
Response: 200626
Conc: 1.38 ug/ml



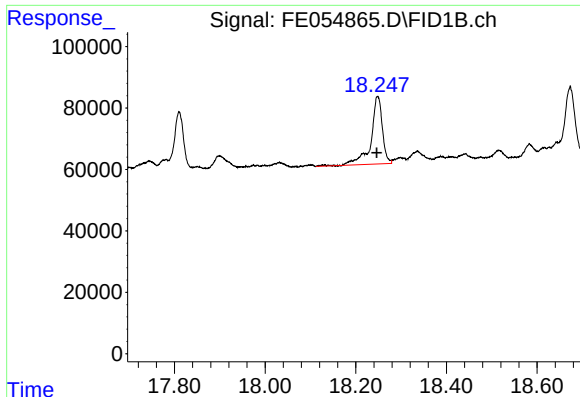
#15 n-Hexacosane (C26)

R.T.: 16.407 min
Delta R.T.: 0.002 min
Response: 130926
Conc: 0.90 ug/ml



#16 n-Octacosane (C28)

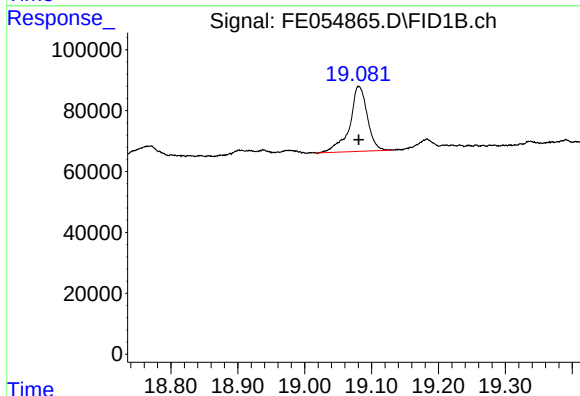
R.T.: 17.358 min
Delta R.T.: 0.000 min
Response: 205310
Conc: 1.41 ug/ml



#17 n-Tricontane (C30)

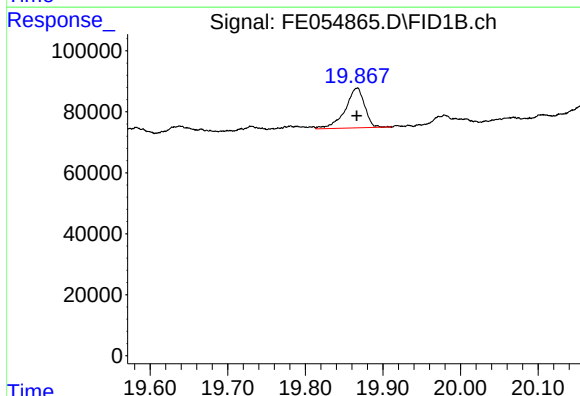
R.T.: 18.248 min
Delta R.T.: 0.002 min
Response: 387290
Conc: 2.46 ug/ml

Instrument :
FID_E
ClientSampleId :



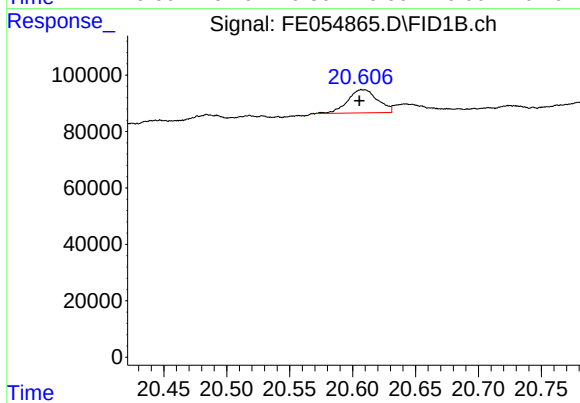
#18 n-Dotriacontane (C32)

R.T.: 19.081 min
Delta R.T.: 0.000 min
Response: 390811
Conc: 2.42 ug/ml



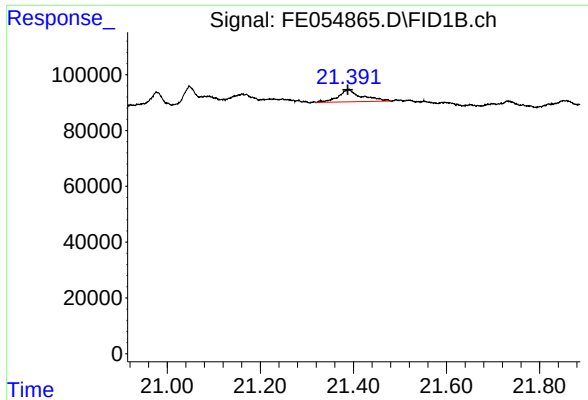
#19 n-Tetratriacontane (C34)

R.T.: 19.866 min
Delta R.T.: 0.000 min
Response: 227474
Conc: 1.49 ug/ml



#20 n-Hexatriacontane (C36)

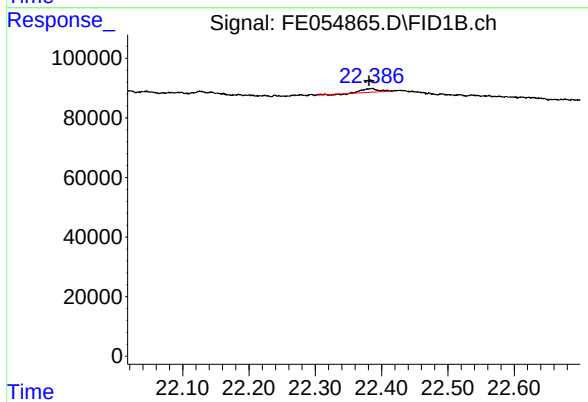
R.T.: 20.608 min
Delta R.T.: 0.003 min
Response: 136310
Conc: 1.01 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.389 min
Delta R.T.: 0.001 min
Response: 151792
Conc: 1.29 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.384 min
Delta R.T.: 0.003 min
Response: 18862
Conc: 0.17 ug/ml