

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050625AL\
 Data File : FE053677.D
 Signal(s) : FID1B.ch
 Acq On : 06 May 2025 19:33
 Operator : YP\AJ
 Sample : Q1961-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 EO-01-050525-E2

Integration File: autoint1.e
 Quant Time: May 07 03:29:46 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 041725.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 29 06:49:03 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)	11.863	4627009	25.654 ug/ml
Spiked Amount 50.000		Recovery =	51.31%
12) S 1-chlorooctadecane (S...	13.308	3853782	28.509 ug/ml
Spiked Amount 50.000		Recovery =	57.02%
Target Compounds			
7) T n-Hexadecane (C16)	10.100	99464	0.694 ug/ml
10) T n-Eicosane (C20)	12.863	174095	1.196 ug/ml
13) T n-Docosane (C22)	14.090	92137	0.638 ug/ml
14) T n-Tetracosane (C24)	15.150	208215	1.450 ug/ml
15) T n-Hexacosane (C26)	16.228	168312	1.188 ug/ml
16) T n-Octacosane (C28)	17.163	375235	2.697 ug/ml
17) T n-Tricontane (C30)	18.034	119294	0.857 ug/ml
18) T n-Dotriacontane (C32)	18.864	215385	1.569 ug/ml
19) T n-Tetratriacontane (C34)	19.682	360530	2.767 ug/ml
20) T n-Hexatriacontane (C36)	20.460	167656	1.328 ug/ml

(f)=RT Delta > 1/2 Window

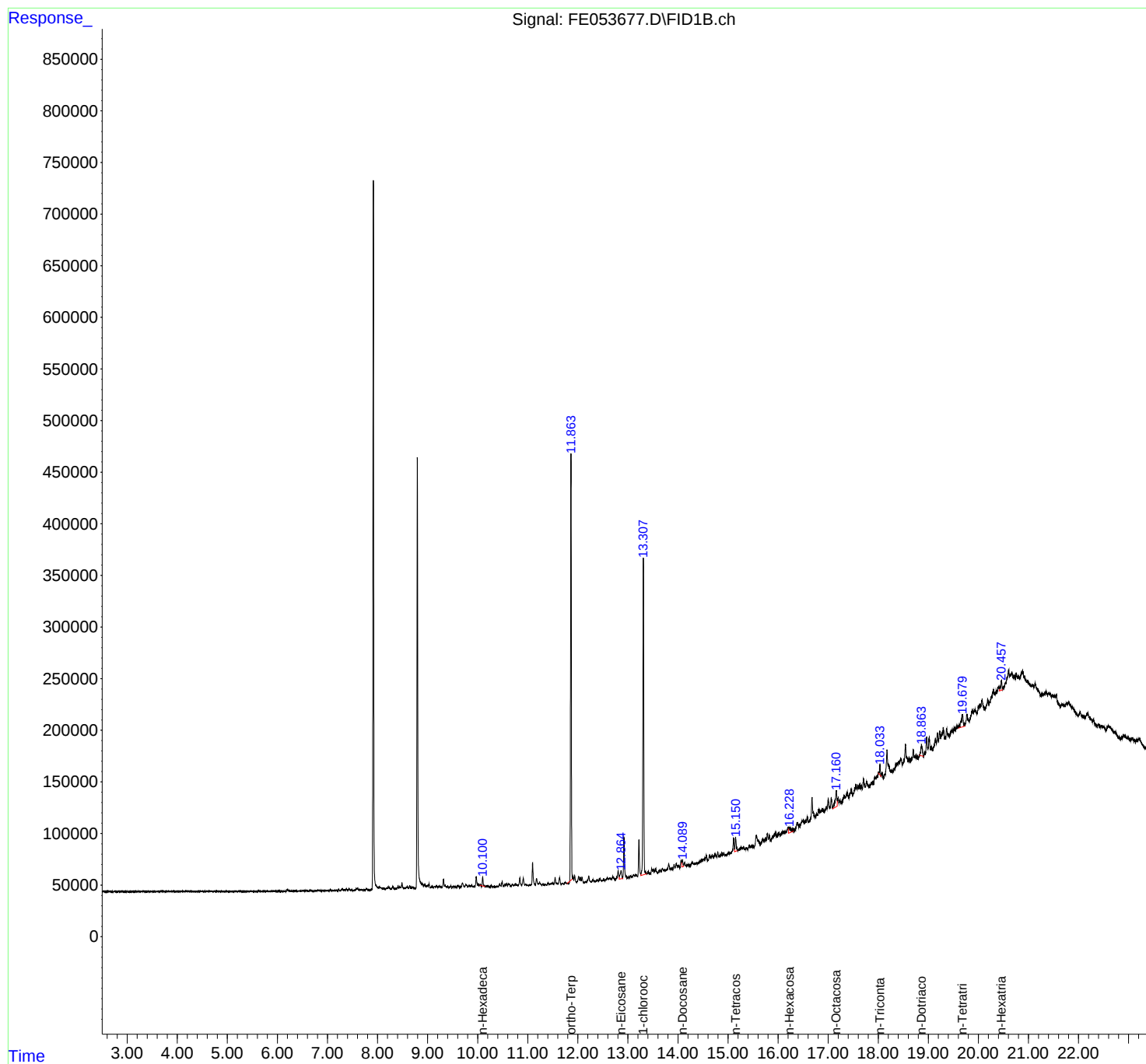
(m)=manual int.

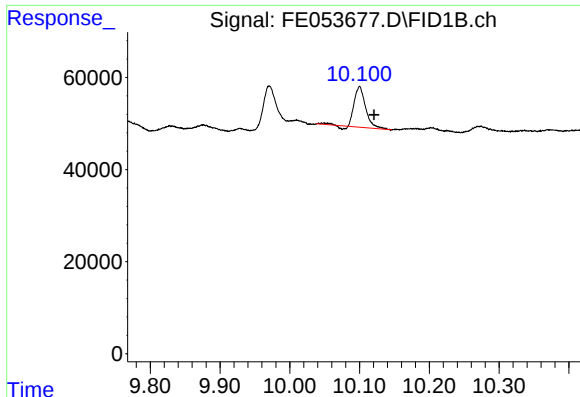
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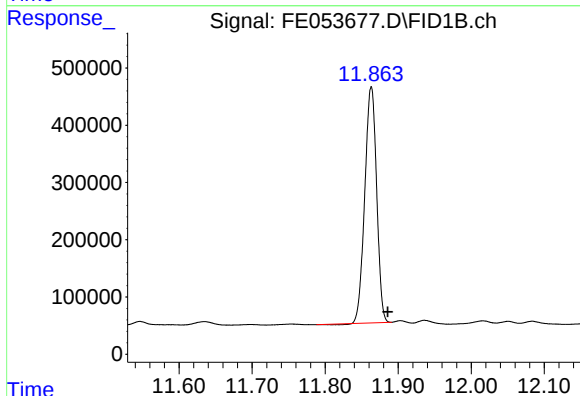




#7 n-Hexadecane (C16)

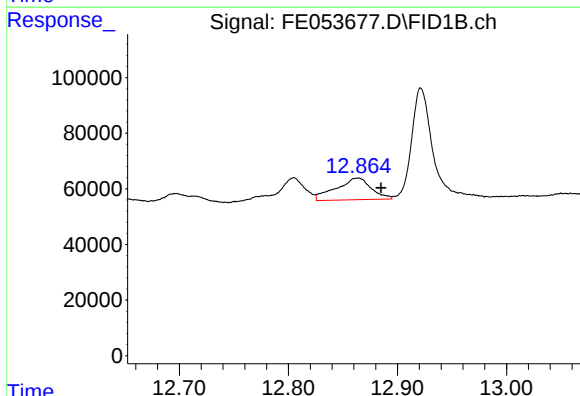
R.T.: 10.100 min
Delta R.T.: -0.021 min
Response: 99464
Conc: 0.69 ug/ml

Instrument :
FID_E
ClientSampleId :
EO-01-050525-E2



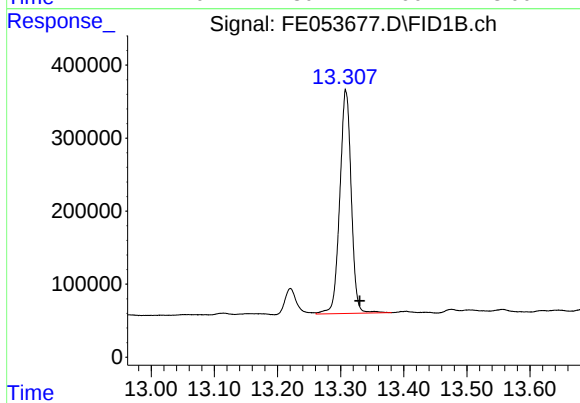
#9 ortho-Terphenyl (SURR)

R.T.: 11.863 min
Delta R.T.: -0.023 min
Response: 4627009
Conc: 25.65 ug/ml



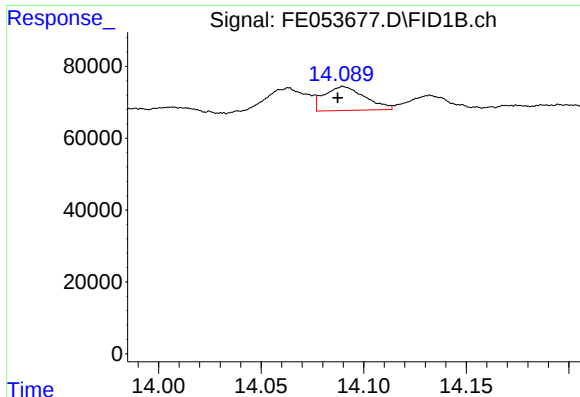
#10 n-Eicosane (C20)

R.T.: 12.863 min
Delta R.T.: -0.021 min
Response: 174095
Conc: 1.20 ug/ml



#12 1-chlorooctadecane (SURR)

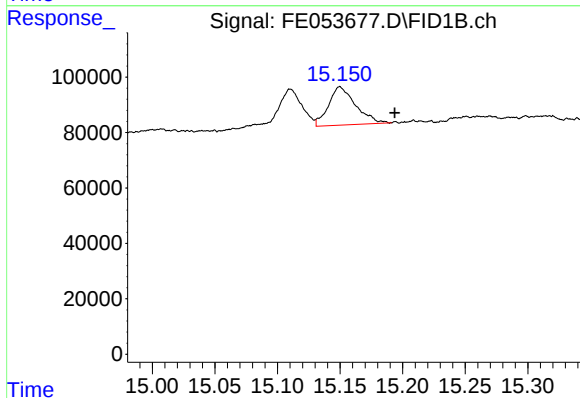
R.T.: 13.308 min
Delta R.T.: -0.022 min
Response: 3853782
Conc: 28.51 ug/ml



#13 n-Docosane (C22)

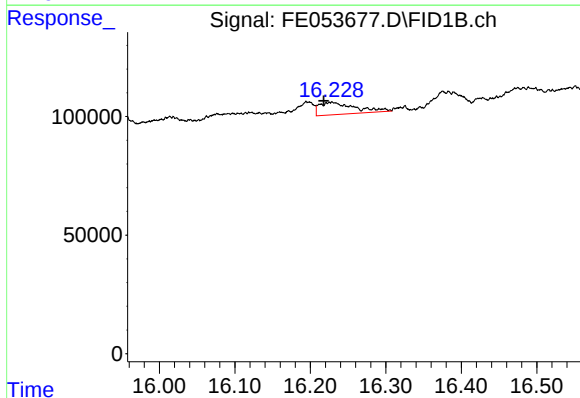
R.T.: 14.090 min
Delta R.T.: 0.003 min
Response: 92137
Conc: 0.64 ug/ml

Instrument :
FID_E
ClientSampleId :
EO-01-050525-E2



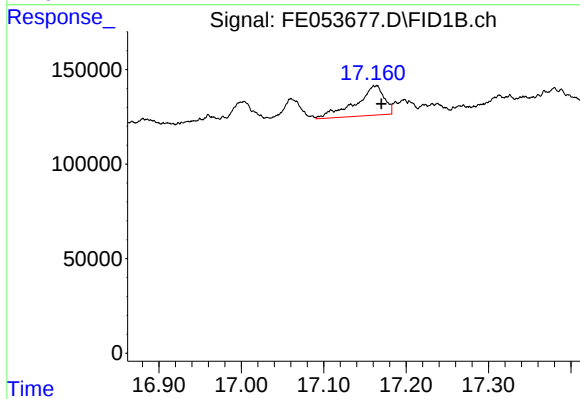
#14 n-Tetracosane (C24)

R.T.: 15.150 min
Delta R.T.: -0.043 min
Response: 208215
Conc: 1.45 ug/ml



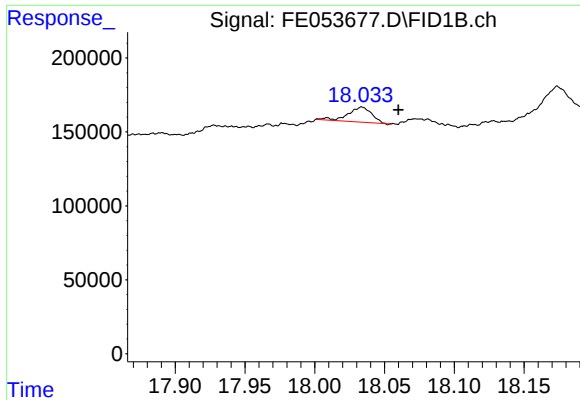
#15 n-Hexacosane (C26)

R.T.: 16.228 min
Delta R.T.: 0.010 min
Response: 168312
Conc: 1.19 ug/ml



#16 n-Octacosane (C28)

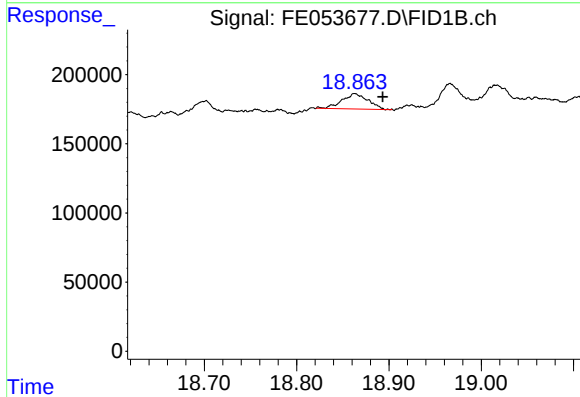
R.T.: 17.163 min
Delta R.T.: -0.007 min
Response: 375235
Conc: 2.70 ug/ml



#17 n-Tricontane (C30)

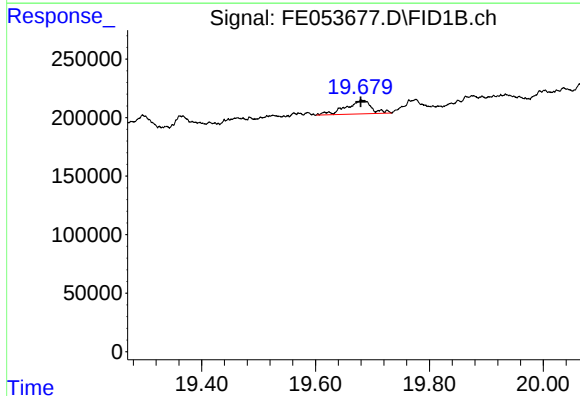
R.T.: 18.034 min
Delta R.T.: -0.026 min
Response: 119294
Conc: 0.86 ug/ml

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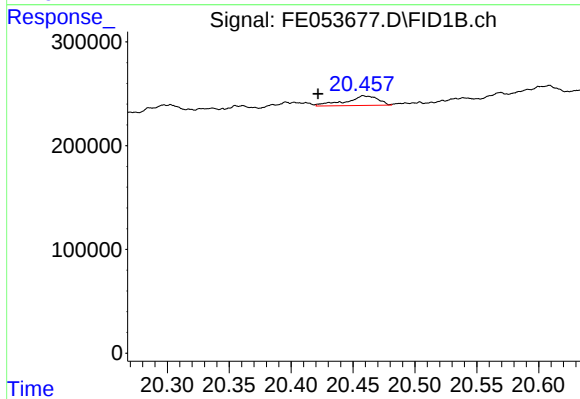
#18 n-Dotriacontane (C32)

R.T.: 18.864 min
Delta R.T.: -0.030 min
Response: 215385
Conc: 1.57 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.682 min
Delta R.T.: 0.002 min
Response: 360530
Conc: 2.77 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.460 min
Delta R.T.: 0.038 min
Response: 167656
Conc: 1.33 ug/ml