

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041025AL\
 Data File : FE053298.D
 Signal(s) : FID1B.ch
 Acq On : 10 Apr 2025 08:30
 Operator : YP\AJ
 Sample : Q1748-02DL 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 11 02:06:21 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 31 02:44:53 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)	11.884	2285283	14.030 ug/ml
Spiked Amount 50.000		Recovery =	28.06%
12) S 1-chlorooctadecane (S...	13.329	1888169	15.729 ug/ml
Spiked Amount 50.000		Recovery =	31.46%
Target Compounds			
10) T n-Eicosane (C20)	12.943	455304	3.193 ug/ml
14) T n-Tetracosane (C24)	15.170	337300	2.497 ug/ml
15) T n-Hexacosane (C26)	16.215	162829	1.221 ug/ml
16) T n-Octacosane (C28)	17.170	210558	1.596 ug/ml
17) T n-Tricontane (C30)	18.054	282198	2.082 ug/ml
18) T n-Dotriacontane (C32)	18.890	287868	2.139 ug/ml
19) T n-Tetratriacontane (C34)	19.676	408275	3.155 ug/ml
20) T n-Hexatriacontane (C36)	20.418	263268	2.216 ug/ml
21) T n-Octatriacontane (C38)	21.154	249249	2.169 ug/ml
22) T n-Tetracontane (C40)	22.067	233306	2.077 ug/ml

(f)=RT Delta > 1/2 Window

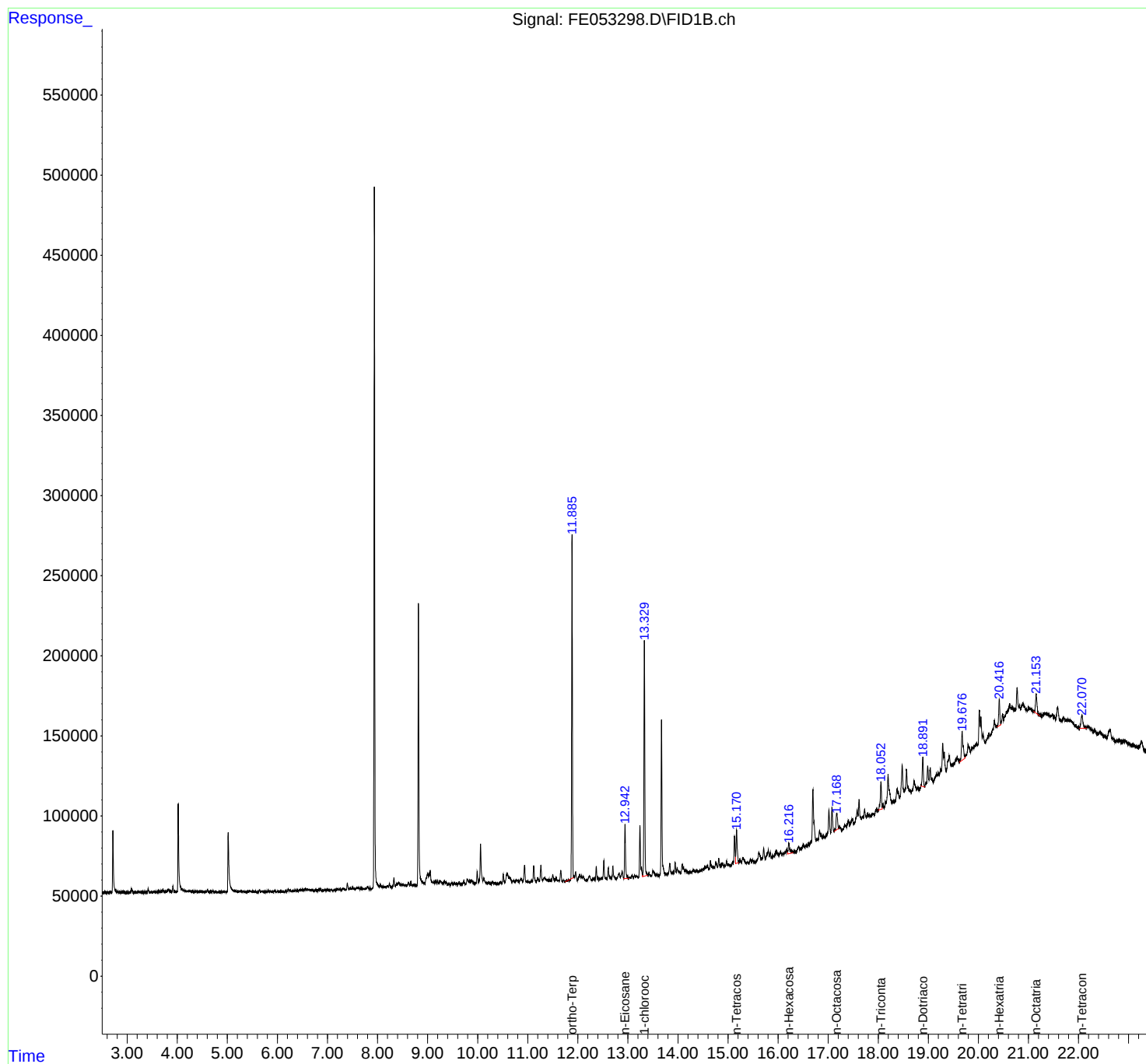
(m)=manual int.

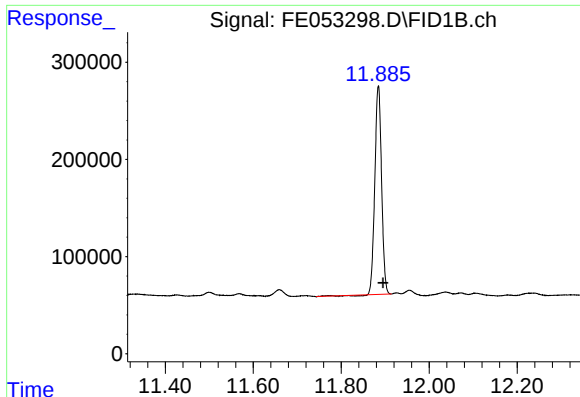
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Signal Info : 20M x 0.18mm x 0.18um

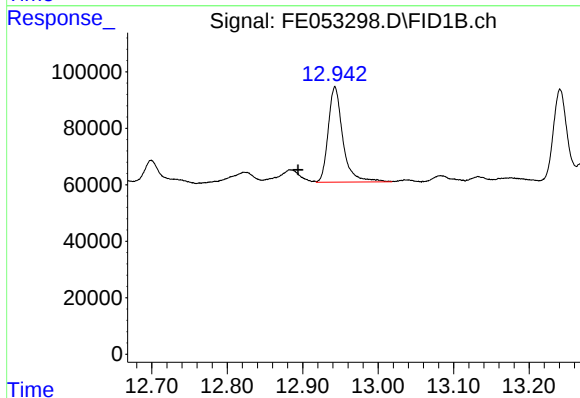




#9 ortho-Terphenyl (SURR)

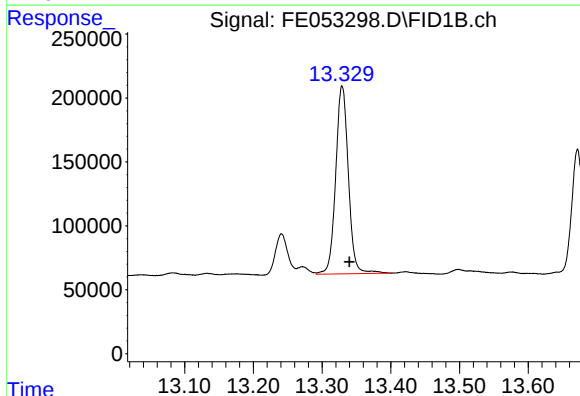
R.T.: 11.884 min
Delta R.T.: -0.011 min
Response: 2285283
Conc: 14.03 ug/ml

Instrument :
FID_E
ClientSampleId :



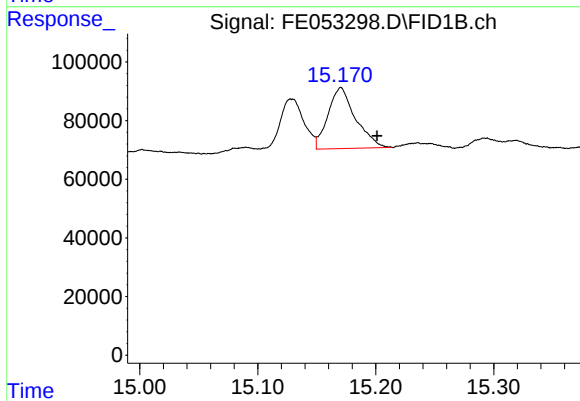
#10 n-Eicosane (C20)

R.T.: 12.943 min
Delta R.T.: 0.049 min
Response: 455304
Conc: 3.19 ug/ml



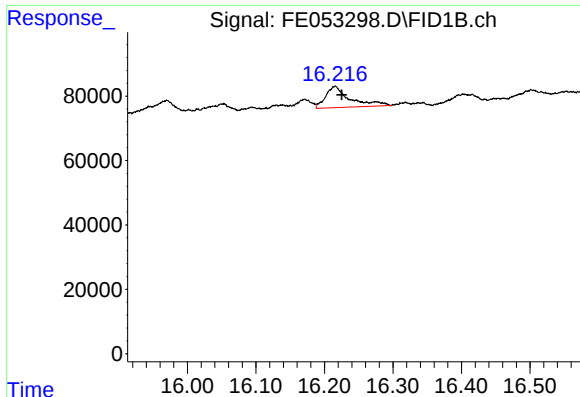
#12 1-chlorooctadecane (SURR)

R.T.: 13.329 min
Delta R.T.: -0.010 min
Response: 1888169
Conc: 15.73 ug/ml



#14 n-Tetracosane (C24)

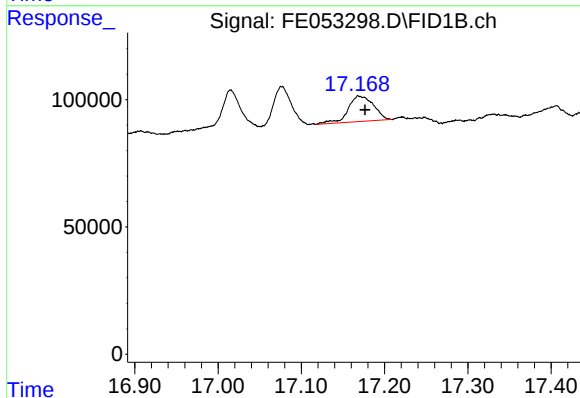
R.T.: 15.170 min
Delta R.T.: -0.031 min
Response: 337300
Conc: 2.50 ug/ml



#15 n-Hexacosane (C26)

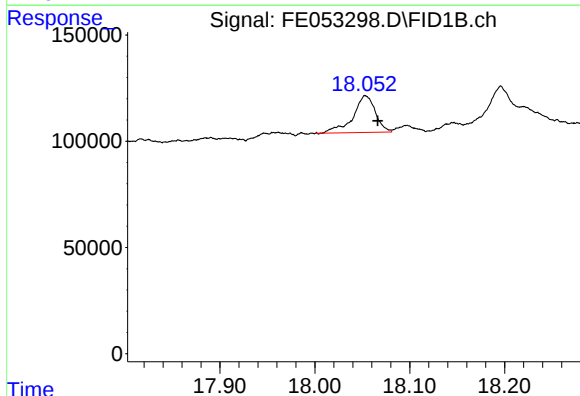
R.T.: 16.215 min
Delta R.T.: -0.010 min
Response: 162829
Conc: 1.22 ug/ml

Instrument :
FID_E
ClientSampleId :



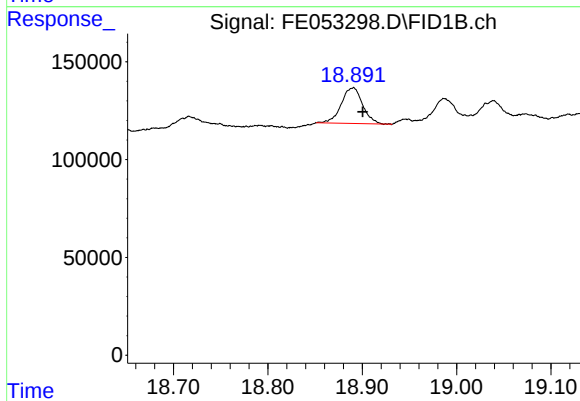
#16 n-Octacosane (C28)

R.T.: 17.170 min
Delta R.T.: -0.006 min
Response: 210558
Conc: 1.60 ug/ml



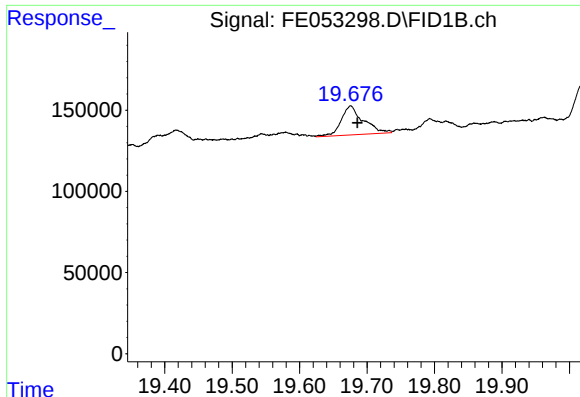
#17 n-Tricontane (C30)

R.T.: 18.054 min
Delta R.T.: -0.013 min
Response: 282198
Conc: 2.08 ug/ml



#18 n-Dotriacontane (C32)

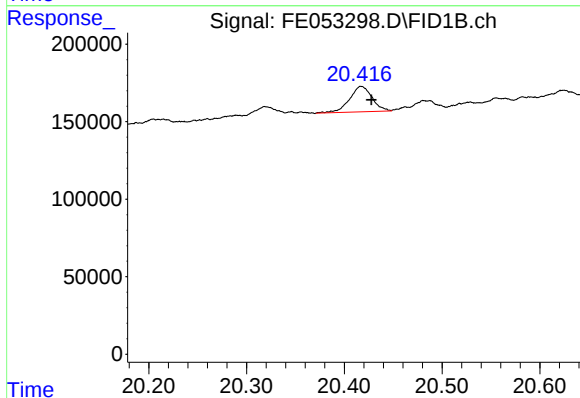
R.T.: 18.890 min
Delta R.T.: -0.011 min
Response: 287868
Conc: 2.14 ug/ml



#19 n-Tetratriacontane (C34)

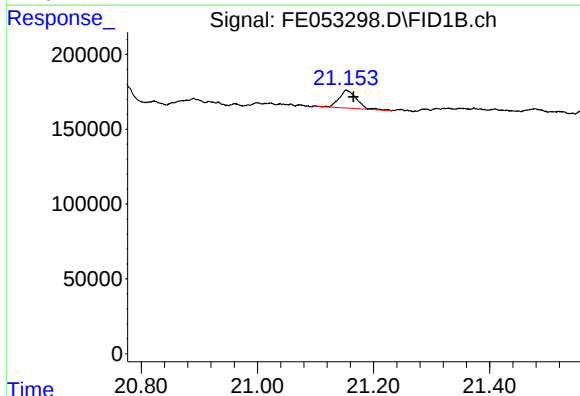
R.T.: 19.676 min
Delta R.T.: -0.010 min
Response: 408275
Conc: 3.16 ug/ml

Instrument :
FID_E
ClientSampleId :



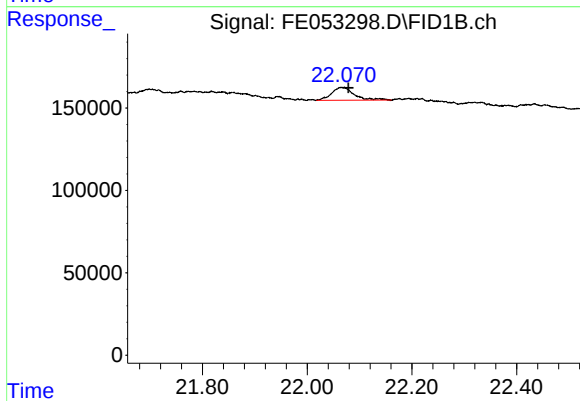
#20 n-Hexatriacontane (C36)

R.T.: 20.418 min
Delta R.T.: -0.010 min
Response: 263268
Conc: 2.22 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.154 min
Delta R.T.: -0.011 min
Response: 249249
Conc: 2.17 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.067 min
Delta R.T.: -0.011 min
Response: 233306
Conc: 2.08 ug/ml