

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040225AL\
 Data File : FE053138.D
 Signal(s) : FID1B.ch
 Acq On : 02 Apr 2025 17:48
 Operator : YP\AJ
 Sample : Q1685-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 03 01:17:51 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)	11.889	4808559	29.522 ug/ml
Spiked Amount 50.000		Recovery =	59.04%
12) S 1-chlorooctadecane (S...	13.333	3799327	31.649 ug/ml
Spiked Amount 50.000		Recovery =	63.30%
Target Compounds			
10) T n-Eicosane (C20)	12.888	138887	0.974 ug/ml
11) T n-Heneicosane (C21)	13.502	106471	0.767 ug/ml
13) T n-Docosane (C22)	14.089	166041	1.212 ug/ml
14) T n-Tetracosane (C24)	15.170	259400	1.921 ug/ml
15) T n-Hexacosane (C26)	16.218	193290	1.449 ug/ml
16) T n-Octacosane (C28)	17.172	367768	2.787 ug/ml
17) T n-Tricontane (C30)	18.060	443019	3.269 ug/ml
18) T n-Dotriacontane (C32)	18.895	437441	3.251 ug/ml
19) T n-Tetratriacontane (C34)	19.681	761425	5.884 ug/ml
20) T n-Hexatriacontane (C36)	20.422	457129	3.848 ug/ml
21) T n-Octatriacontane (C38)	21.161	419251	3.648 ug/ml
22) T n-Tetracontane (C40)	22.072	342594	3.050 ug/ml

(f)=RT Delta > 1/2 Window

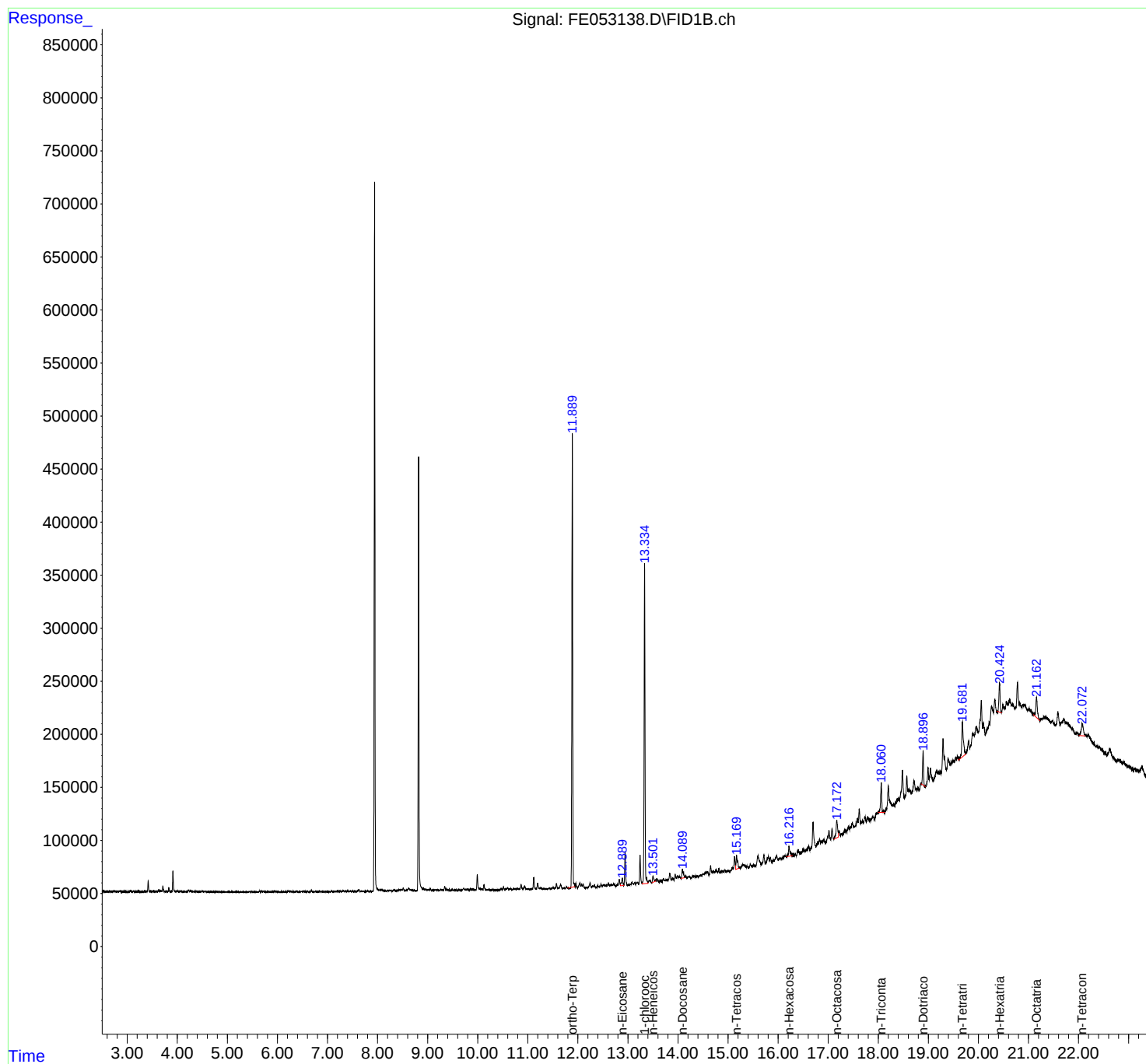
(m)=manual int.

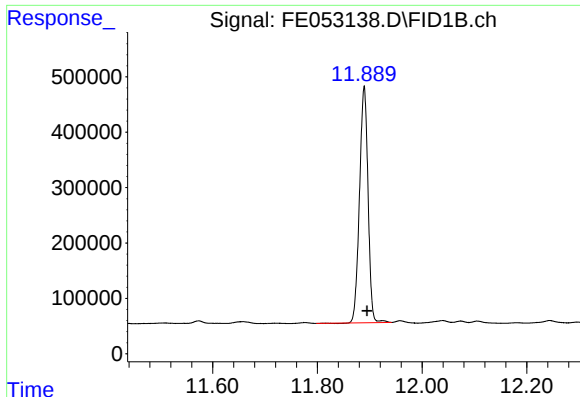
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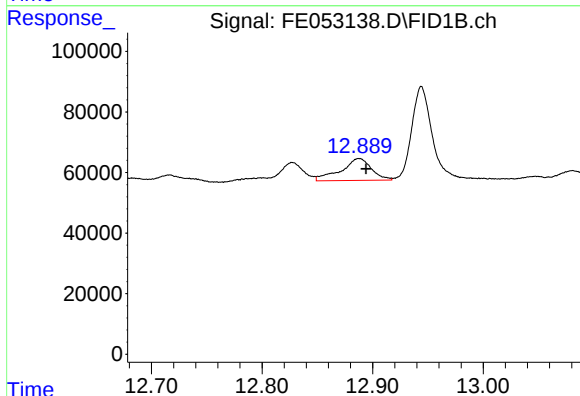




#9 ortho-Terphenyl (SURR)

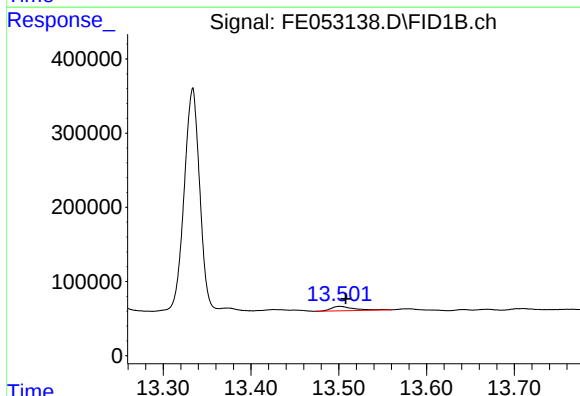
R.T.: 11.889 min
Delta R.T.: -0.006 min
Response: 4808559
Conc: 29.52 ug/ml

Instrument :
FID_E
ClientSampleId :



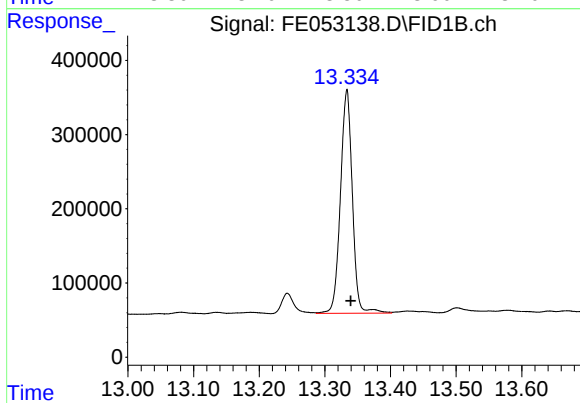
#10 n-Eicosane (C20)

R.T.: 12.888 min
Delta R.T.: -0.006 min
Response: 138887
Conc: 0.97 ug/ml



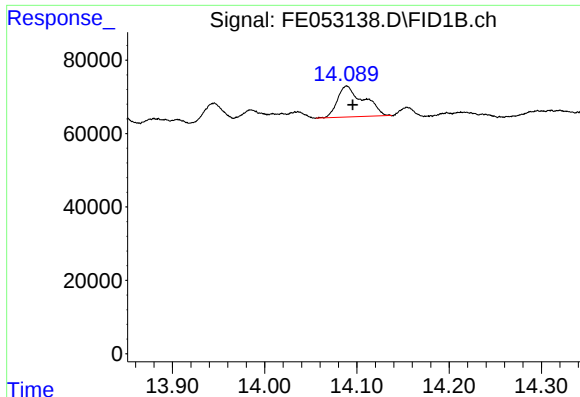
#11 n-Heneicosane (C21)

R.T.: 13.502 min
Delta R.T.: -0.007 min
Response: 106471
Conc: 0.77 ug/ml



#12 1-chlorooctadecane (SURR)

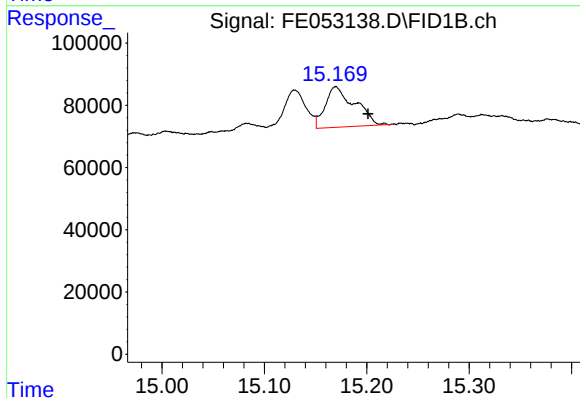
R.T.: 13.333 min
Delta R.T.: -0.006 min
Response: 3799327
Conc: 31.65 ug/ml



#13 n-Docosane (C22)

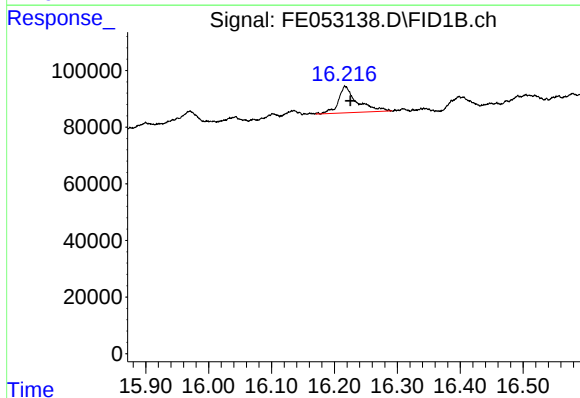
R.T.: 14.089 min
Delta R.T.: -0.007 min
Response: 166041
Conc: 1.21 ug/ml

Instrument :
FID_E
ClientSampleId :



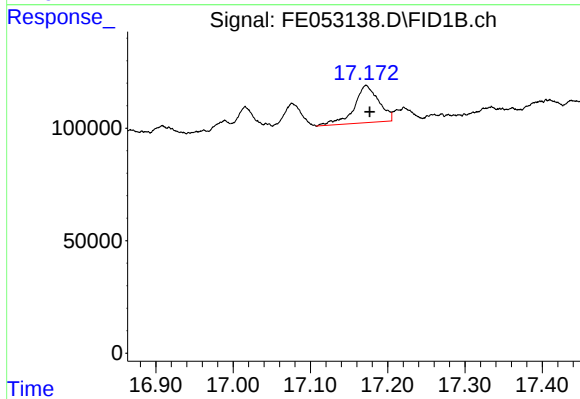
#14 n-Tetracosane (C24)

R.T.: 15.170 min
Delta R.T.: -0.031 min
Response: 259400
Conc: 1.92 ug/ml



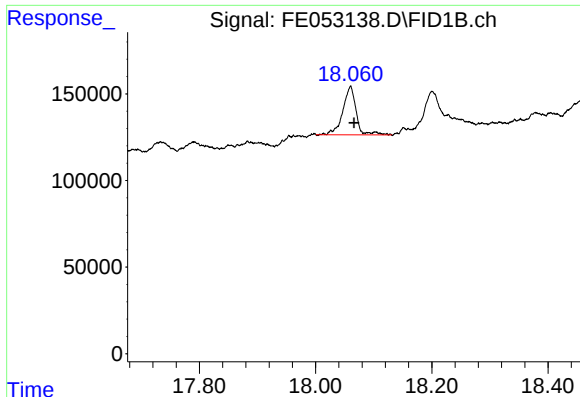
#15 n-Hexacosane (C26)

R.T.: 16.218 min
Delta R.T.: -0.008 min
Response: 193290
Conc: 1.45 ug/ml



#16 n-Octacosane (C28)

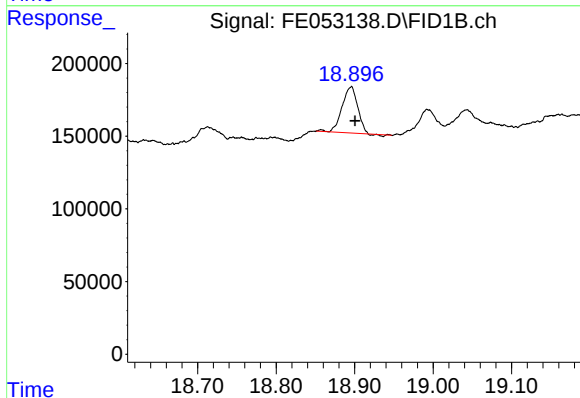
R.T.: 17.172 min
Delta R.T.: -0.004 min
Response: 367768
Conc: 2.79 ug/ml



#17 n-Tricontane (C30)

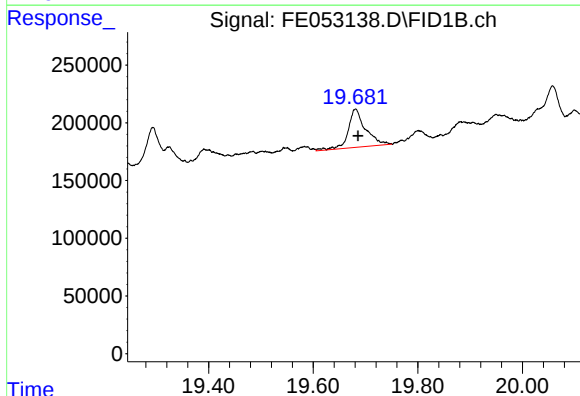
R.T.: 18.060 min
Delta R.T.: -0.007 min
Response: 443019
Conc: 3.27 ug/ml

Instrument :
FID_E
ClientSampleId :



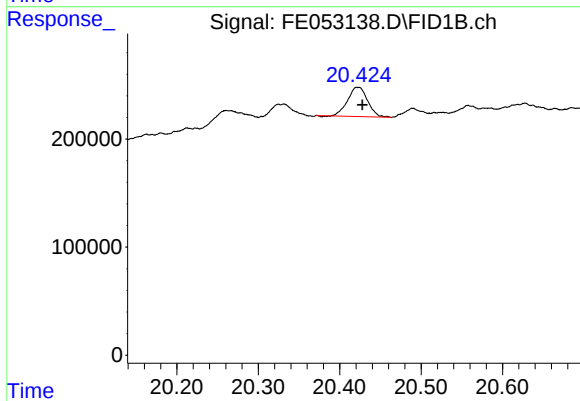
#18 n-Dotriacontane (C32)

R.T.: 18.895 min
Delta R.T.: -0.005 min
Response: 437441
Conc: 3.25 ug/ml



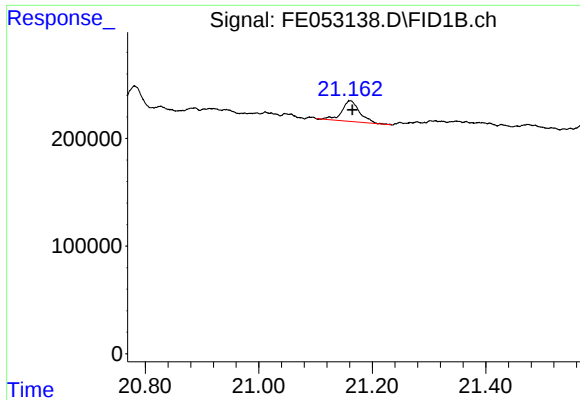
#19 n-Tetratriacontane (C34)

R.T.: 19.681 min
Delta R.T.: -0.005 min
Response: 761425
Conc: 5.88 ug/ml



#20 n-Hexatriacontane (C36)

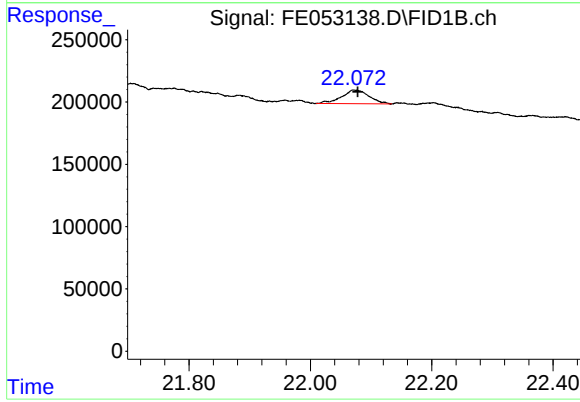
R.T.: 20.422 min
Delta R.T.: -0.005 min
Response: 457129
Conc: 3.85 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.161 min
Delta R.T.: -0.004 min
Response: 419251
Conc: 3.65 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.072 min
Delta R.T.: -0.006 min
Response: 342594
Conc: 3.05 ug/ml