

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042825AL\
 Data File : FE053548.D
 Signal(s) : FID1B.ch
 Acq On : 28 Apr 2025 17:40
 Operator : YP\AJ
 Sample : Q1891-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 MH-D-EPH

Integration File: autoint1.e
 Quant Time: Apr 29 01:40:53 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 041725.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 23 15:58:53 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)	11.875	6449777	35.760 ug/ml
Spiked Amount 50.000		Recovery =	71.52%
12) S 1-chlorooctadecane (S...	13.320	5346054	39.549 ug/ml
Spiked Amount 50.000		Recovery =	79.10%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.197	129958	0.861 ug/ml
5) T A~2-methylnaphthalene...	7.297	156781	1.050 ug/ml
6) T n-Tetradecane (C14)	8.445f	164826	1.175 ug/ml
8) T n-Octadecane (C18)	11.636f	175179	1.202 ug/ml
10) T n-Eicosane (C20)	12.878	187613	1.289 ug/ml
11) T n-Heneicosane (C21)	13.505	247233	1.707 ug/ml
13) T n-Docosane (C22)	14.102	508491	3.524 ug/ml
14) T n-Tetracosane (C24)	15.160	1794110	12.490 ug/ml
16) T n-Octacosane (C28)	17.170	472969	3.400 ug/ml
18) T n-Dotriacontane (C32)	18.841f	209717	1.527 ug/ml

(f)=RT Delta > 1/2 Window

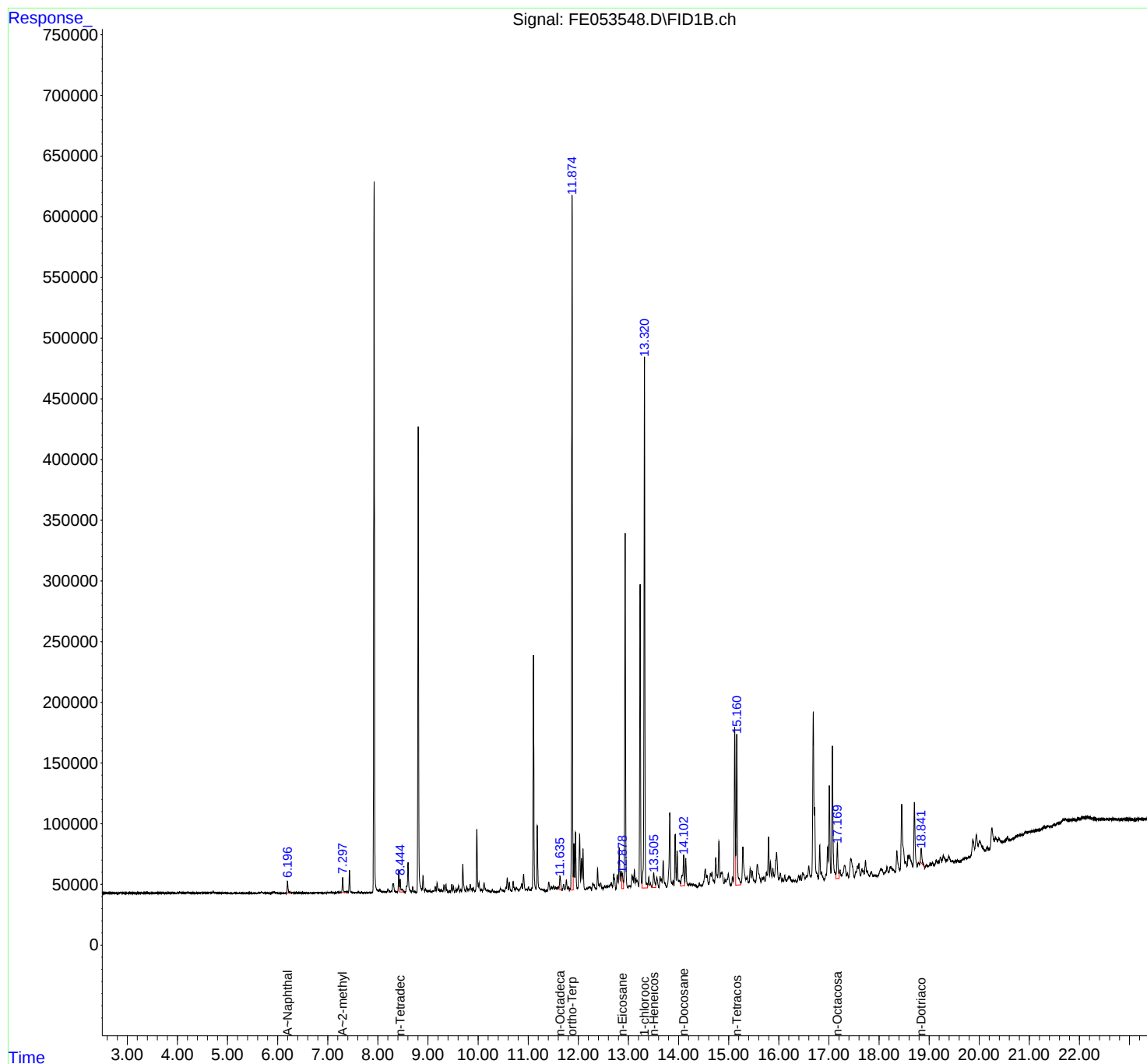
(m)=manual int.

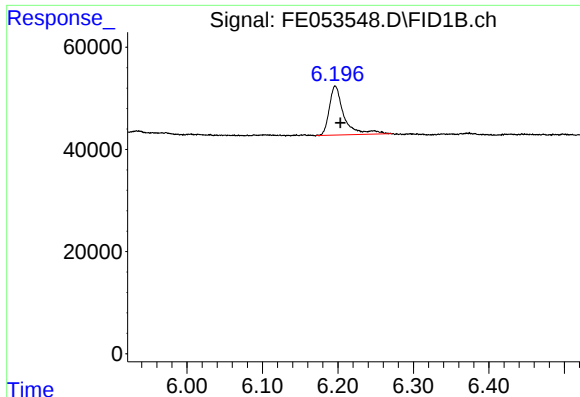
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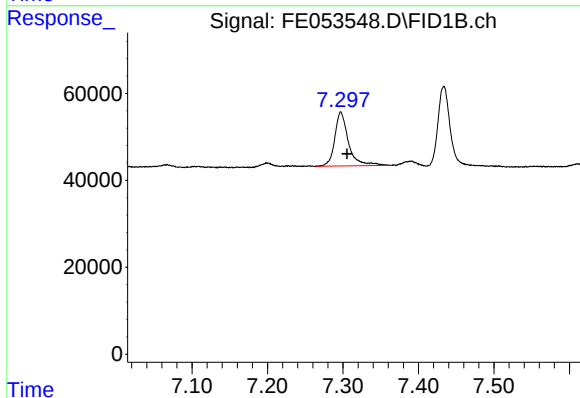




#3 A~Naphthalene (C11.7)

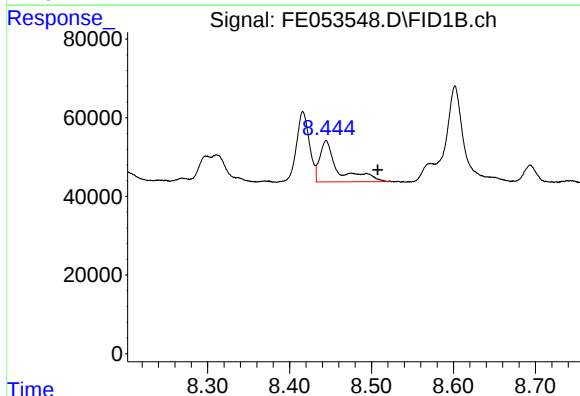
R.T.: 6.197 min
Delta R.T.: -0.007 min
Response: 129958
Conc: 0.86 ug/ml

Instrument :
FID_E
ClientSampleId :
MH-D-EPH



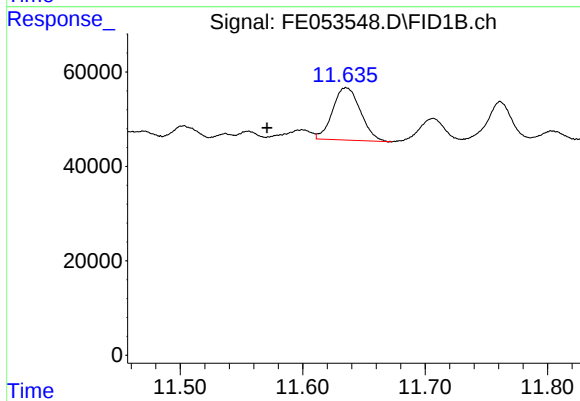
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.297 min
Delta R.T.: -0.008 min
Response: 156781
Conc: 1.05 ug/ml



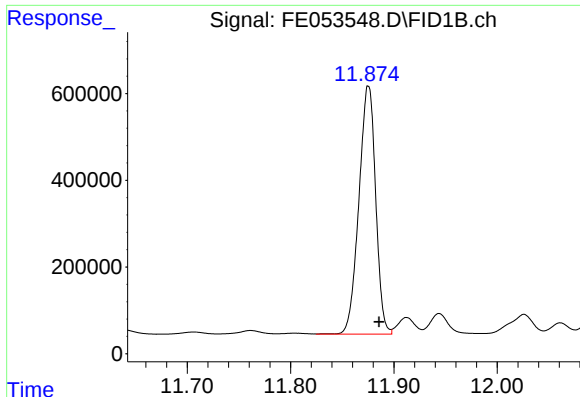
#6 n-Tetradecane (C14)

R.T.: 8.445 min
Delta R.T.: -0.063 min
Response: 164826
Conc: 1.17 ug/ml



#8 n-Octadecane (C18)

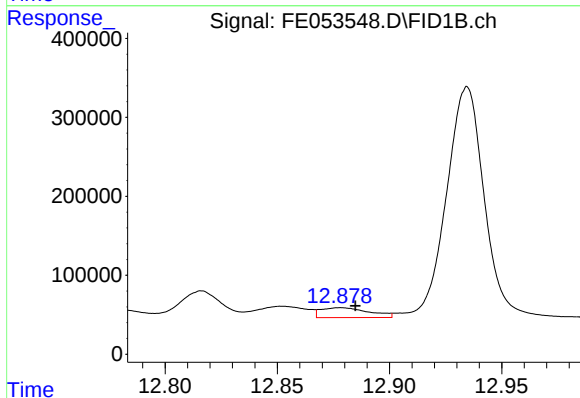
R.T.: 11.636 min
Delta R.T.: 0.065 min
Response: 175179
Conc: 1.20 ug/ml



#9 ortho-Terphenyl (SURR)

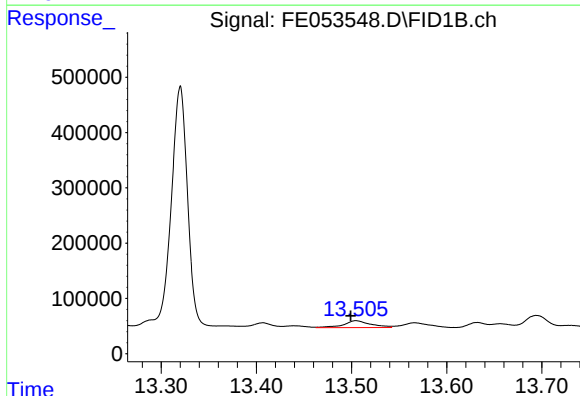
R.T.: 11.875 min
Delta R.T.: -0.011 min
Response: 6449777
Conc: 35.76 ug/ml

Instrument :
FID_E
ClientSampleId :
MH-D-EPH



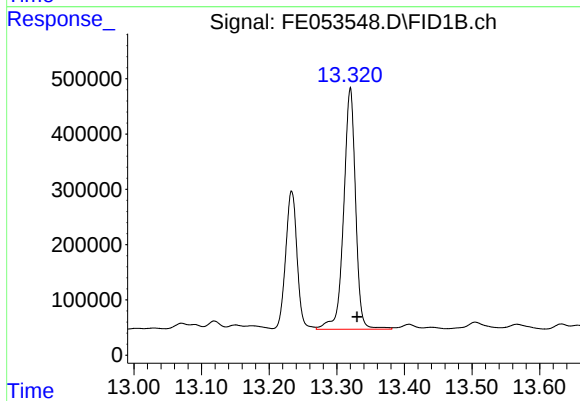
#10 n-Eicosane (C20)

R.T.: 12.878 min
Delta R.T.: -0.007 min
Response: 187613
Conc: 1.29 ug/ml



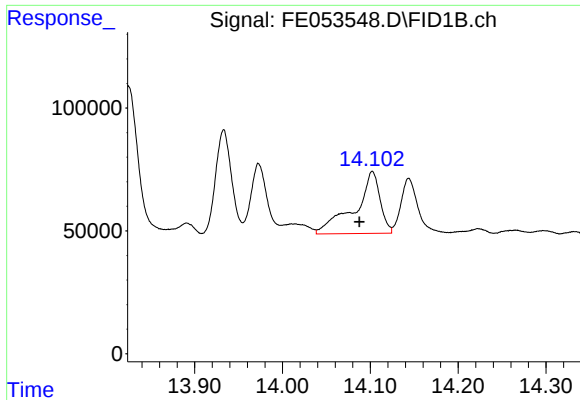
#11 n-Heneicosane (C21)

R.T.: 13.505 min
Delta R.T.: 0.006 min
Response: 247233
Conc: 1.71 ug/ml



#12 1-chlorooctadecane (SURR)

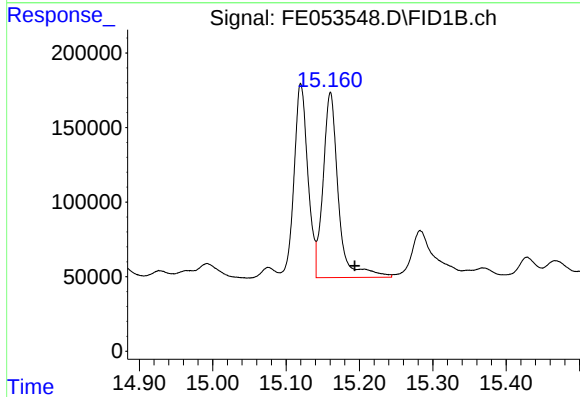
R.T.: 13.320 min
Delta R.T.: -0.010 min
Response: 5346054
Conc: 39.55 ug/ml



#13 n-Docosane (C22)

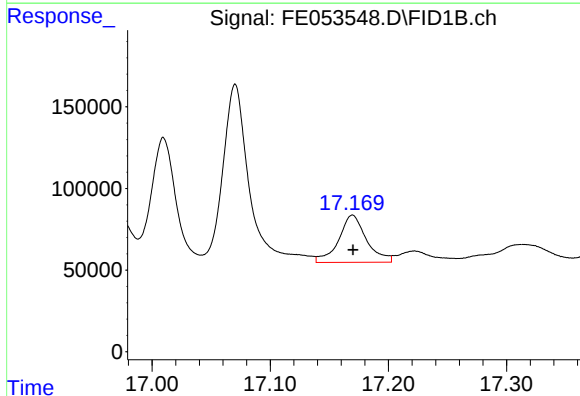
R.T.: 14.102 min
Delta R.T.: 0.015 min
Response: 508491
Conc: 3.52 ug/ml

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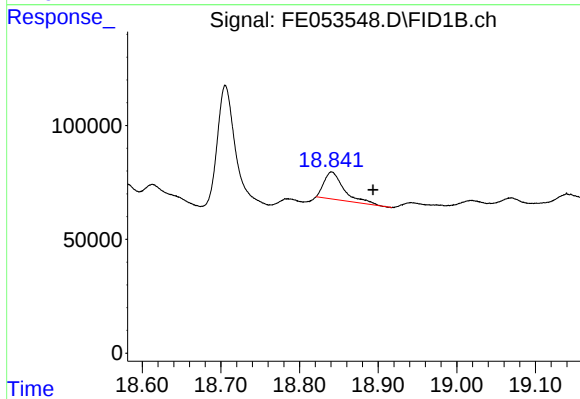
#14 n-Tetracosane (C24)

R.T.: 15.160 min
Delta R.T.: -0.033 min
Response: 1794110
Conc: 12.49 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.170 min
Delta R.T.: 0.000 min
Response: 472969
Conc: 3.40 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.841 min
Delta R.T.: -0.052 min
Response: 209717
Conc: 1.53 ug/ml