

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE043025AL\
 Data File : FE053597.D
 Signal(s) : FID1B.ch
 Acq On : 30 Apr 2025 20:13
 Operator : YP\AJ
 Sample : Q1912-06
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 MH-F-EPH

Integration File: autoint1.e
 Quant Time: May 01 01:50:24 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)	11.868	6333772	35.117 ug/ml
Spiked Amount 50.000		Recovery =	70.23%
12) S 1-chlorooctadecane (S...	13.313	4990905	36.922 ug/ml
Spiked Amount 50.000		Recovery =	73.84%
Target Compounds			
5) T A~2-methylnaphthalene...	7.292	137552	0.921 ug/ml
6) T n-Tetradecane (C14)	8.438f	210619	1.501 ug/ml
8) T n-Octadecane (C18)	11.628f	216366	1.485 ug/ml
10) T n-Eicosane (C20)	12.870	203955	1.402 ug/ml
11) T n-Heneicosane (C21)	13.505	154567	1.067 ug/ml
13) T n-Docosane (C22)	14.093	344624	2.388 ug/ml
14) T n-Tetracosane (C24)	15.150	663876	4.622 ug/ml
16) T n-Octacosane (C28)	17.157	92647	0.666 ug/ml

(f)=RT Delta > 1/2 Window

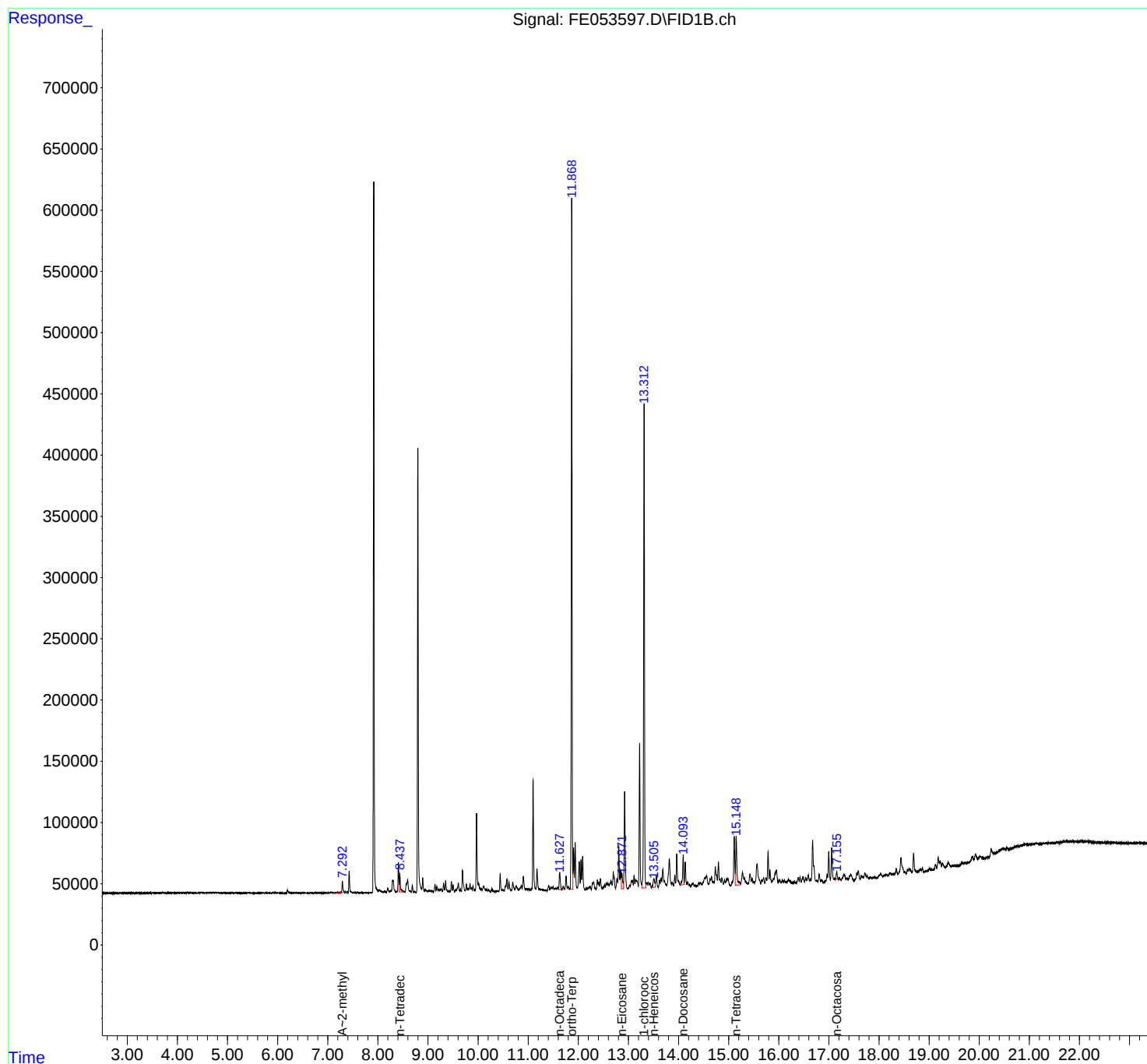
(m)=manual int.

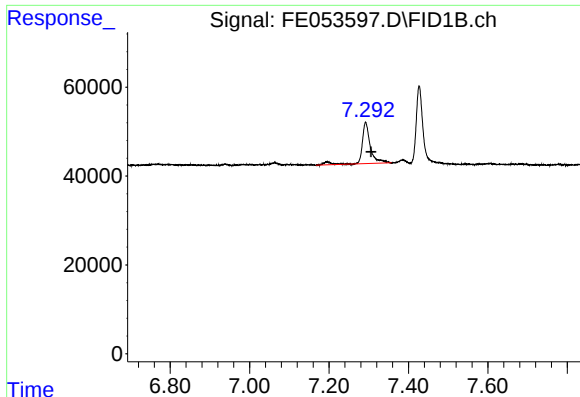
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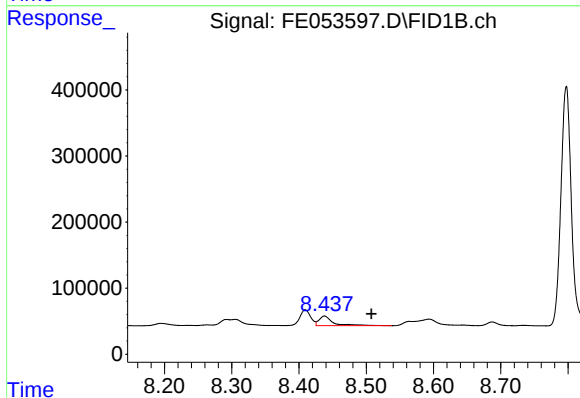




#5 A~2-methylnaphthalene (C12.89)

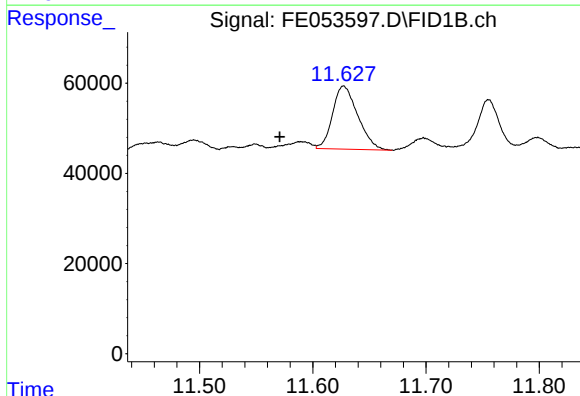
R.T.: 7.292 min
Delta R.T.: -0.013 min
Response: 137552
Conc: 0.92 ug/ml

Instrument :
FID_E
ClientSampleId :
MH-F-EPH



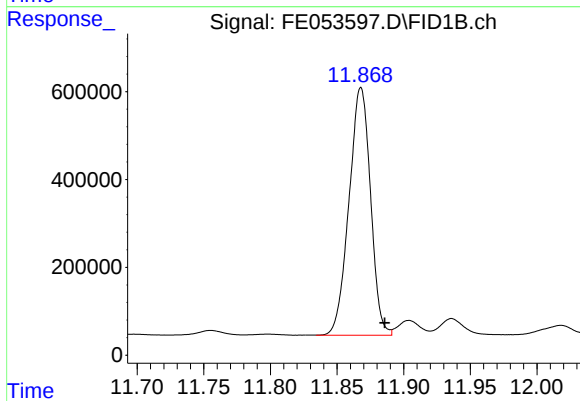
#6 n-Tetradecane (C14)

R.T.: 8.438 min
Delta R.T.: -0.070 min
Response: 210619
Conc: 1.50 ug/ml



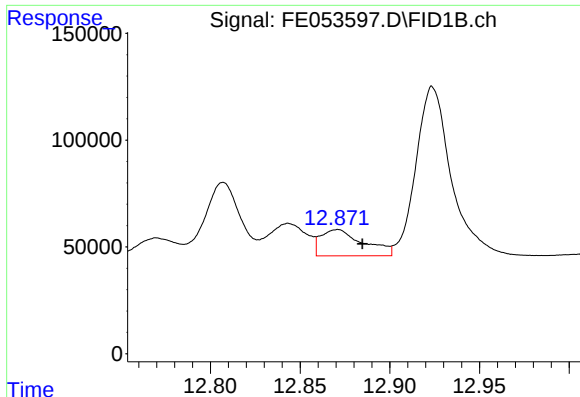
#8 n-Octadecane (C18)

R.T.: 11.628 min
Delta R.T.: 0.057 min
Response: 216366
Conc: 1.48 ug/ml



#9 ortho-Terphenyl (SURR)

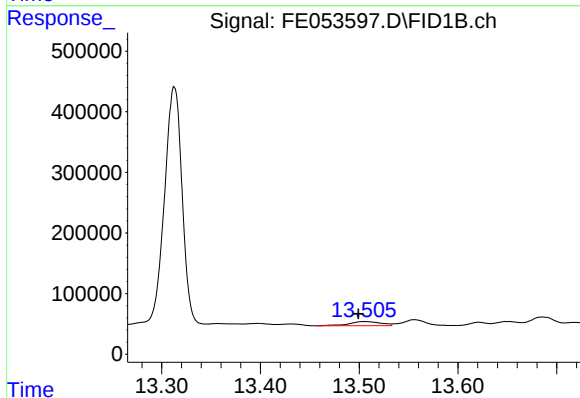
R.T.: 11.868 min
Delta R.T.: -0.018 min
Response: 6333772
Conc: 35.12 ug/ml



#10 n-Eicosane (C20)

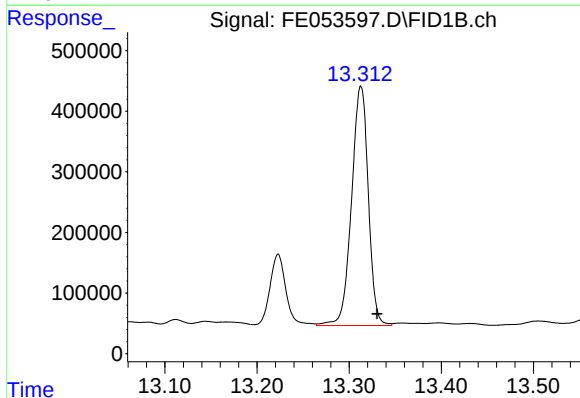
R.T.: 12.870 min
Delta R.T.: -0.014 min
Response: 203955
Conc: 1.40 ug/ml

Instrument :
FID_E
ClientSampleId :
MH-F-EPH



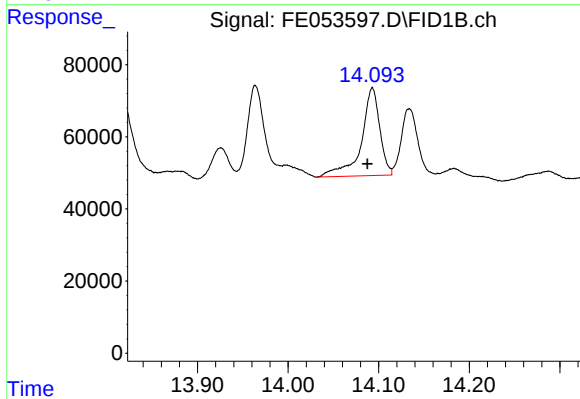
#11 n-Heneicosane (C21)

R.T.: 13.505 min
Delta R.T.: 0.006 min
Response: 154567
Conc: 1.07 ug/ml



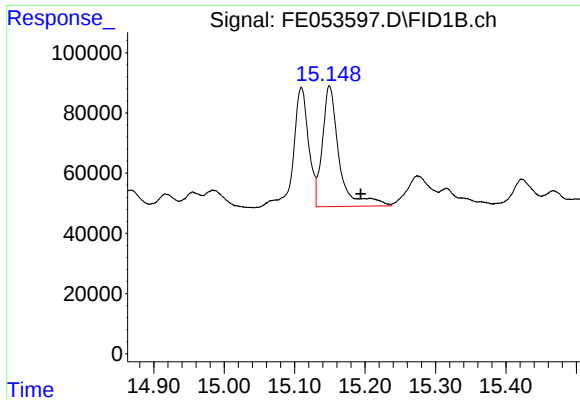
#12 1-chlorooctadecane (SURR)

R.T.: 13.313 min
Delta R.T.: -0.018 min
Response: 4990905
Conc: 36.92 ug/ml



#13 n-Docosane (C22)

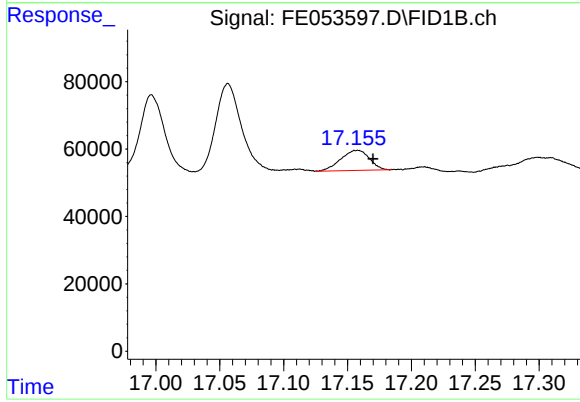
R.T.: 14.093 min
Delta R.T.: 0.006 min
Response: 344624
Conc: 2.39 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.150 min
Delta R.T.: -0.044 min
Response: 663876
Conc: 4.62 ug/ml

Instrument :
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ClientSampleId :
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#16 n-Octacosane (C28)

R.T.: 17.157 min
Delta R.T.: -0.013 min
Response: 92647
Conc: 0.67 ug/ml