

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052325AL\
 Data File : FE054001.D
 Signal(s) : FID1B.ch
 Acq On : 23 May 2025 15:49
 Operator : YP\AJ
 Sample : Q2109-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TP-02-MHF

Integration File: autoint1.e
 Quant Time: May 23 22:58:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
 Quant Title : GC Extractables
 QLast Update : Wed May 14 12:15:41 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)	11.845	6122869	37.676 ug/ml
Spiked Amount 50.000		Recovery =	75.35%
12) S 1-chlorooctadecane (S...	13.289	6648741	56.084 ug/ml
Spiked Amount 50.000		Recovery =	112.17%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.170	807064	5.616 ug/ml
5) T A~2-methylnaphthalene...	7.271	669806	4.829 ug/ml
6) T n-Tetradecane (C14)	8.417f	369570	2.739 ug/ml
7) T n-Hexadecane (C16)	10.093	568499	4.213 ug/ml
10) T n-Eicosane (C20)	12.851	334602	2.546 ug/ml
11) T n-Heneicosane (C21)	13.479	513113	3.958 ug/ml
13) T n-Docosane (C22)	14.072	1076925	8.441 ug/ml
15) T n-Hexacosane (C26)	16.174	177226	1.447 ug/ml
16) T n-Octacosane (C28)	17.143	31013	0.255 ug/ml
17) T n-Tricontane (C30)	18.008	319488	2.565 ug/ml
18) T n-Dotriacontane (C32)	18.820	386231	3.088 ug/ml

(f)=RT Delta > 1/2 Window

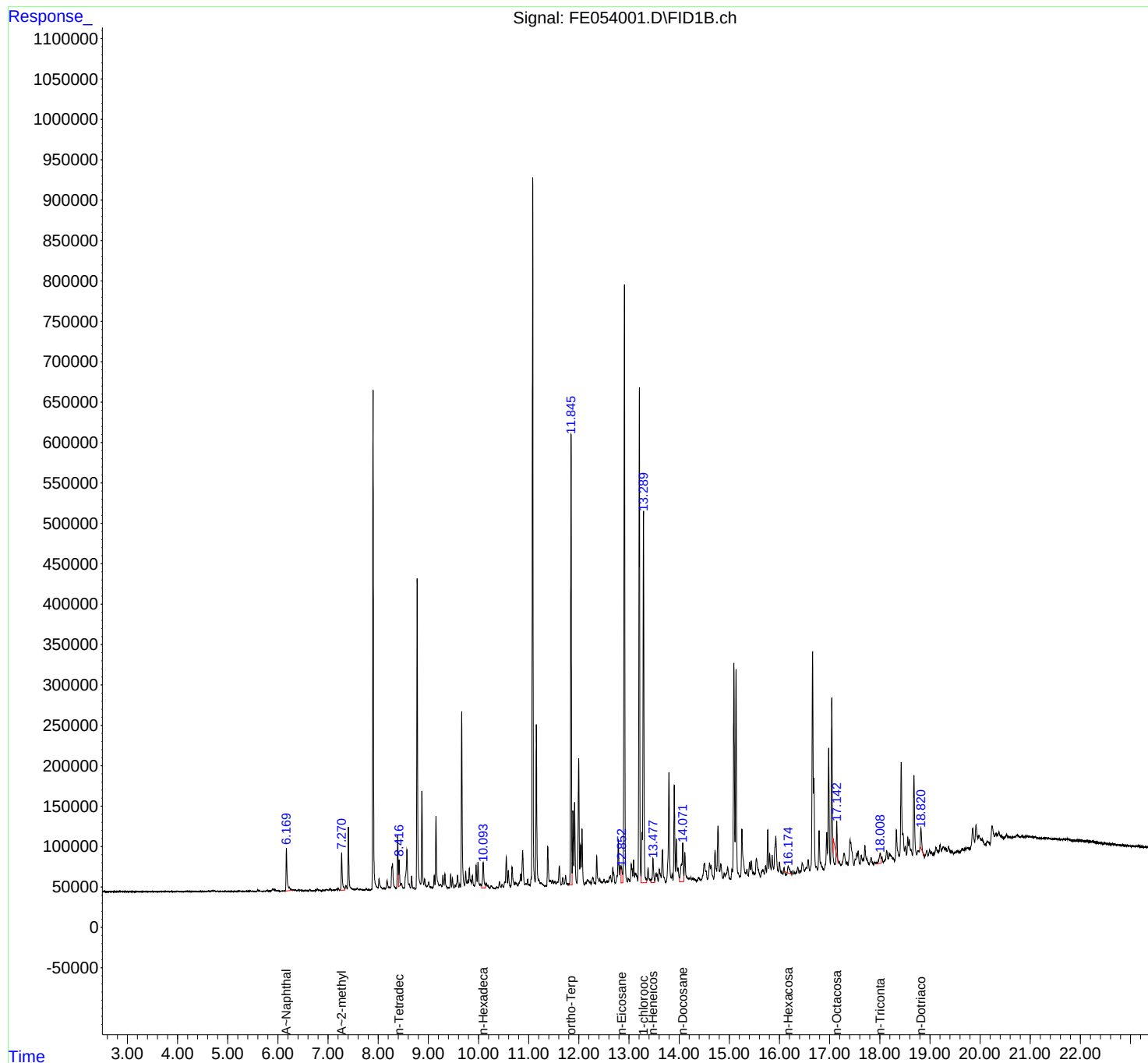
(m)=manual int.

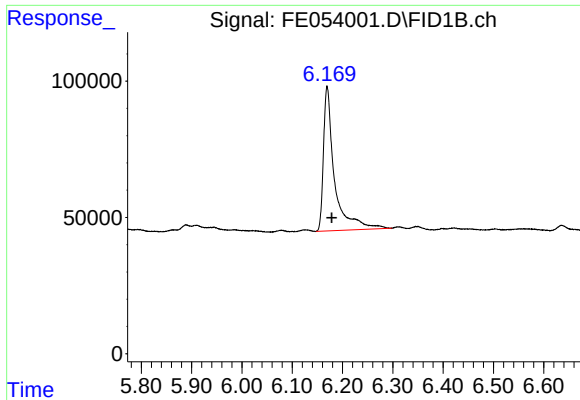
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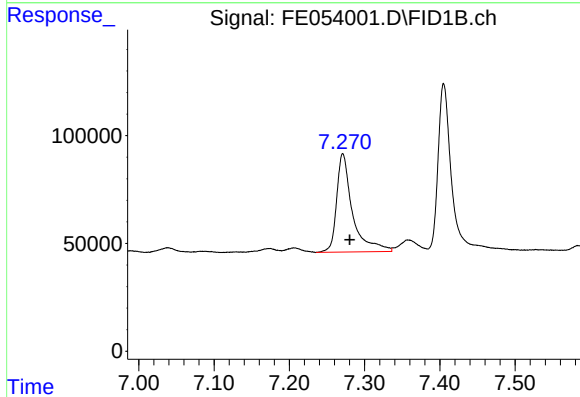




#3 A~Naphthalene (C11.7)

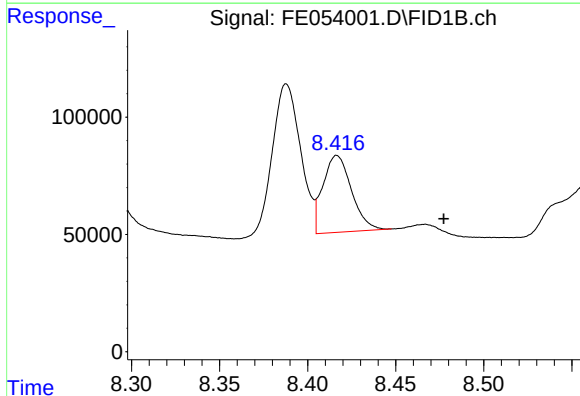
R.T.: 6.170 min
Delta R.T.: -0.008 min
Response: 807064
Conc: 5.62 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-02-MHF



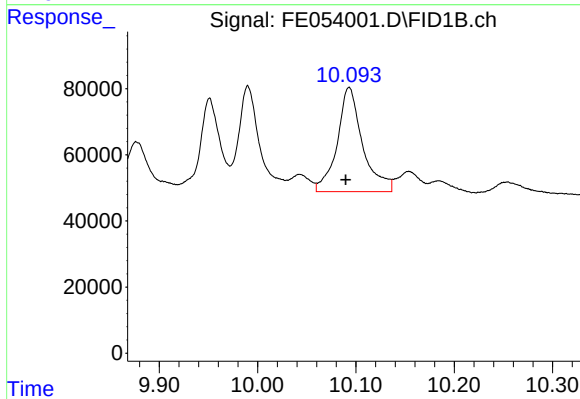
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.271 min
Delta R.T.: -0.009 min
Response: 669806
Conc: 4.83 ug/ml



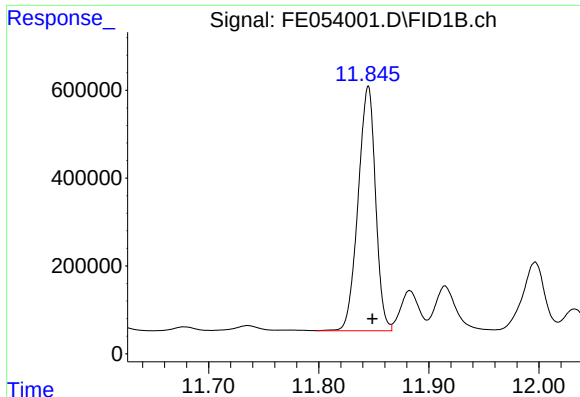
#6 n-Tetradecane (C14)

R.T.: 8.417 min
Delta R.T.: -0.061 min
Response: 369570
Conc: 2.74 ug/ml



#7 n-Hexadecane (C16)

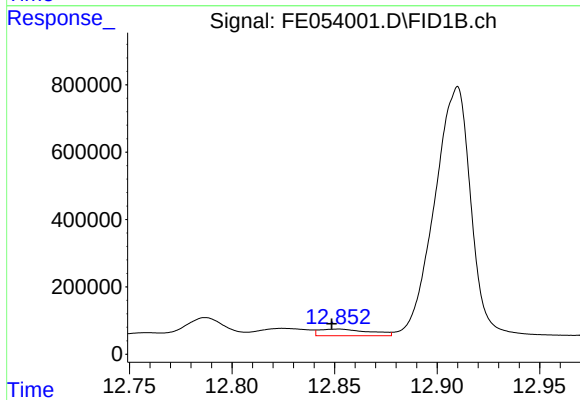
R.T.: 10.093 min
Delta R.T.: 0.003 min
Response: 568499
Conc: 4.21 ug/ml



#9 ortho-Terphenyl (SURR)

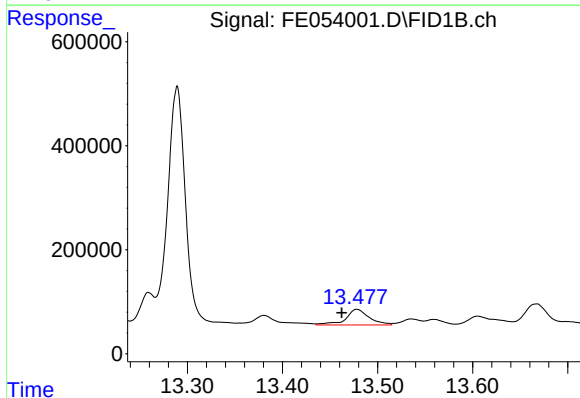
R.T.: 11.845 min
Delta R.T.: -0.004 min
Response: 6122869
Conc: 37.68 ug/ml

Instrument :
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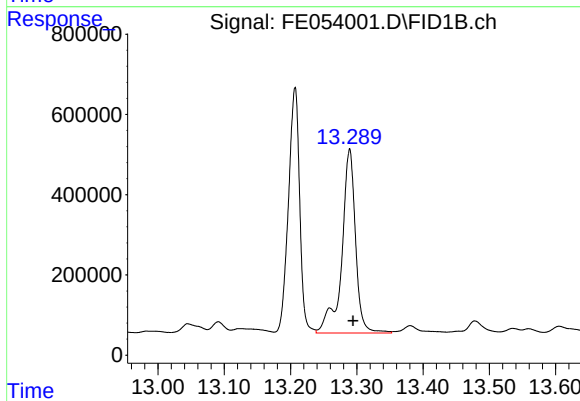
#10 n-Eicosane (C20)

R.T.: 12.851 min
Delta R.T.: 0.002 min
Response: 334602
Conc: 2.55 ug/ml



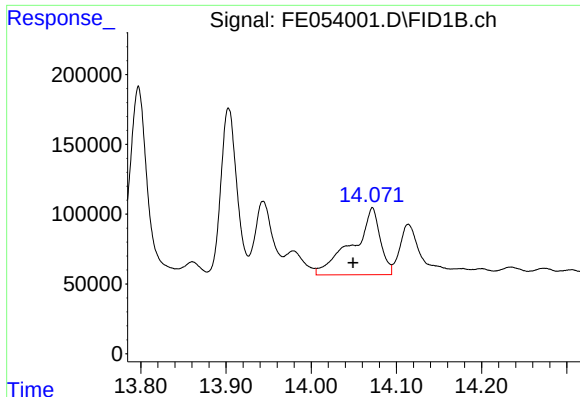
#11 n-Heneicosane (C21)

R.T.: 13.479 min
Delta R.T.: 0.016 min
Response: 513113
Conc: 3.96 ug/ml



#12 1-chlorooctadecane (SURR)

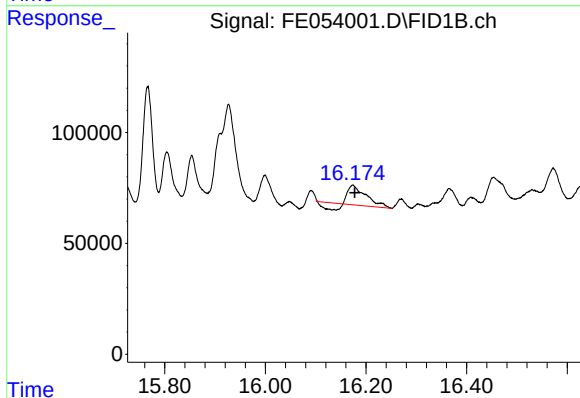
R.T.: 13.289 min
Delta R.T.: -0.005 min
Response: 6648741
Conc: 56.08 ug/ml



#13 n-Docosane (C22)

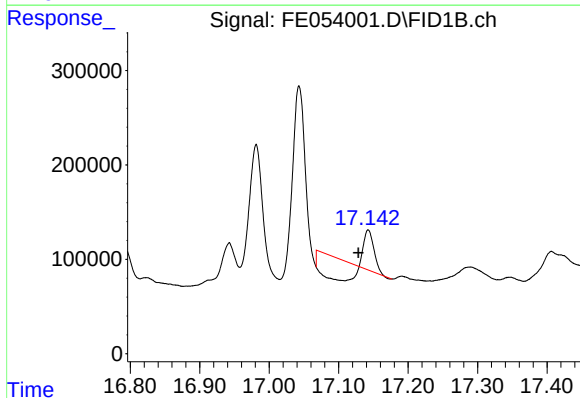
R.T.: 14.072 min
Delta R.T.: 0.022 min
Response: 1076925
Conc: 8.44 ug/ml

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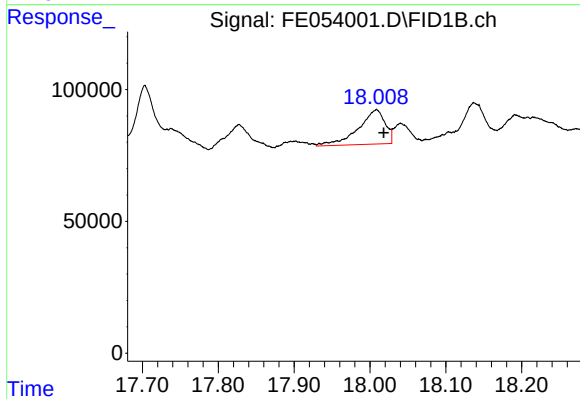
#15 n-Hexacosane (C26)

R.T.: 16.174 min
Delta R.T.: -0.004 min
Response: 177226
Conc: 1.45 ug/ml



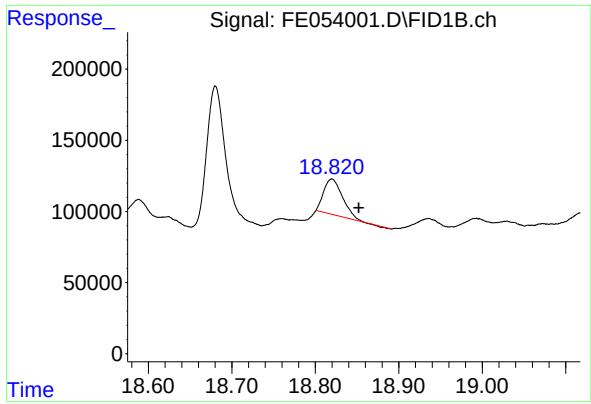
#16 n-Octacosane (C28)

R.T.: 17.143 min
Delta R.T.: 0.014 min
Response: 31013
Conc: 0.26 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.008 min
Delta R.T.: -0.010 min
Response: 319488
Conc: 2.56 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.820 min
Delta R.T.: -0.032 min
Response: 386231
Conc: 3.09 ug/ml

Instrument :
FID_E
ClientSampleId :
TP-02-MHF