

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100125AL\
 Data File : FE056123.D
 Signal(s) : FID1B.ch
 Acq On : 01 Oct 2025 10:29
 Operator : YP\AJ
 Sample : Q3249-12DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 S-12(0-0.5)RDL

Integration File: autoint1.e
 Quant Time: Oct 01 15:00:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092425.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 24 12:55:37 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)	12.069	908106	4.839 ug/ml
Spiked Amount 50.000		Recovery =	9.68%
12) S 1-chlorooctadecane (S...	13.504	1254462	8.988 ug/ml
Spiked Amount 50.000		Recovery =	17.98%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.391	135992	0.852 ug/ml
5) T A~2-methylnaphthalene...	7.490	191359	1.230 ug/ml
6) T n-Tetradecane (C14)	8.639	167760	1.135 ug/ml
7) T n-Hexadecane (C16)	10.316	173911	1.094 ug/ml
10) T n-Eicosane (C20)	13.051	411231	2.481 ug/ml
11) T n-Heneicosane (C21)	13.704	262772	1.617 ug/ml
13) T n-Docosane (C22)	14.303	694484	4.346 ug/ml
14) T n-Tetracosane (C24)	15.361	1783738	11.706 ug/ml
16) T n-Octacosane (C28)	17.369	219385	1.575 ug/ml
17) T n-Tricontane (C30)	18.231	248719	1.678 ug/ml
18) T n-Dotriacontane (C32)	19.062	193067	1.294 ug/ml
19) T n-Tetratriacontane (C34)	19.848	86310	0.610 ug/ml

(f)=RT Delta > 1/2 Window

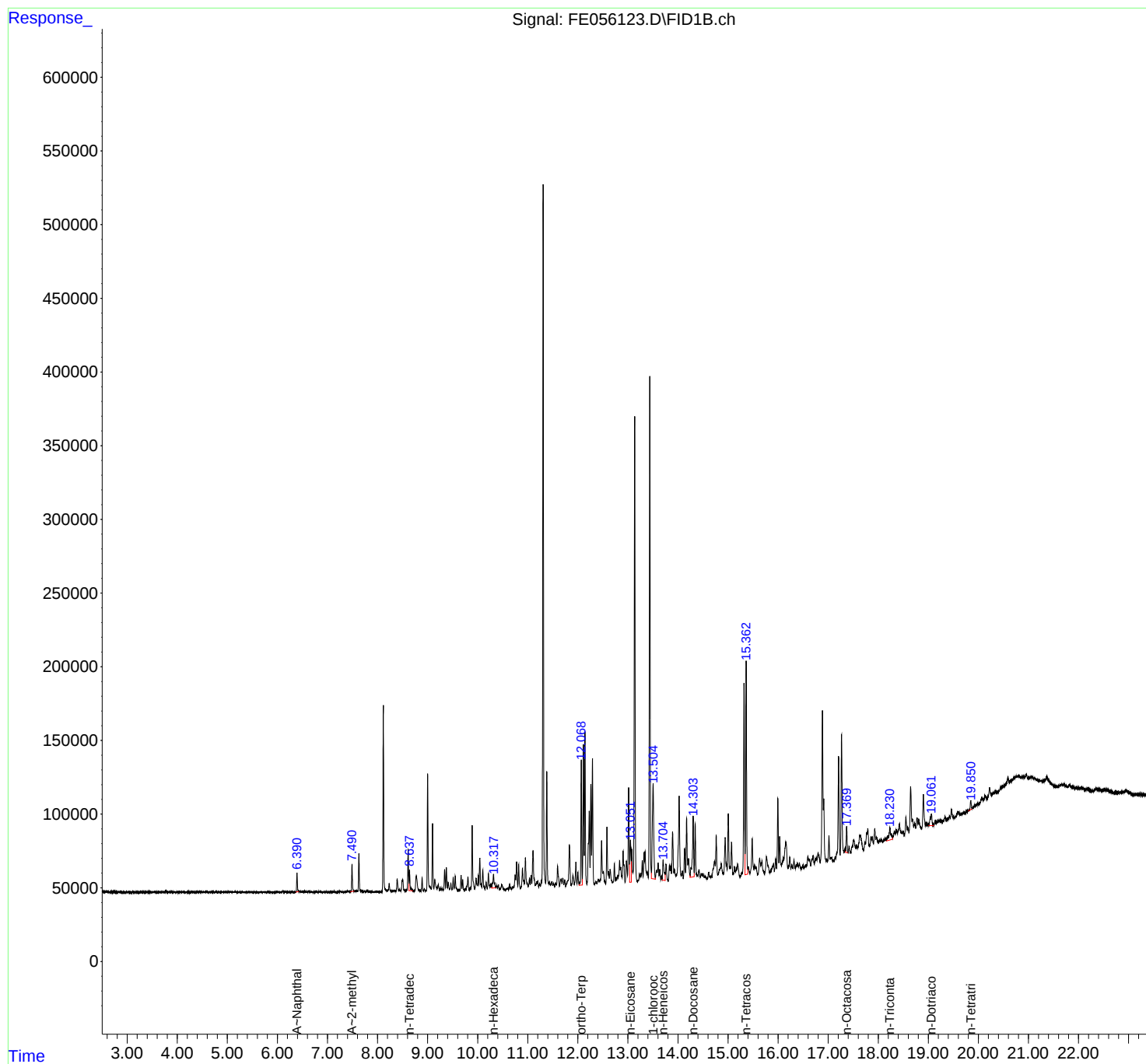
(m)=manual int.

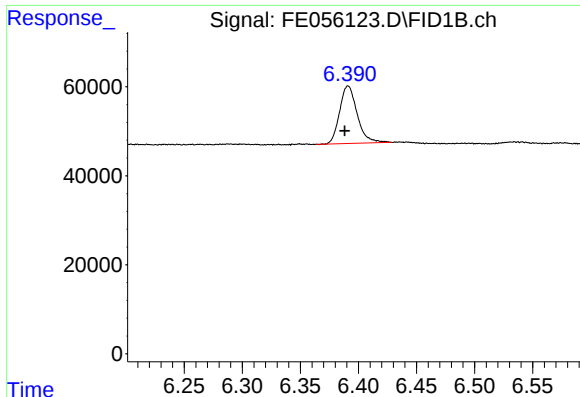
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100125AL\
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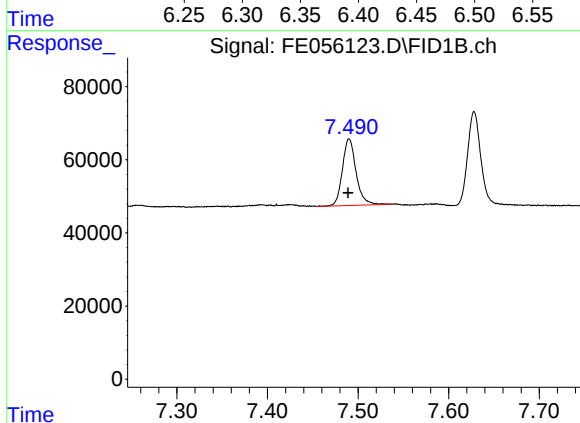




#3 A~Naphthalene (C11.7)

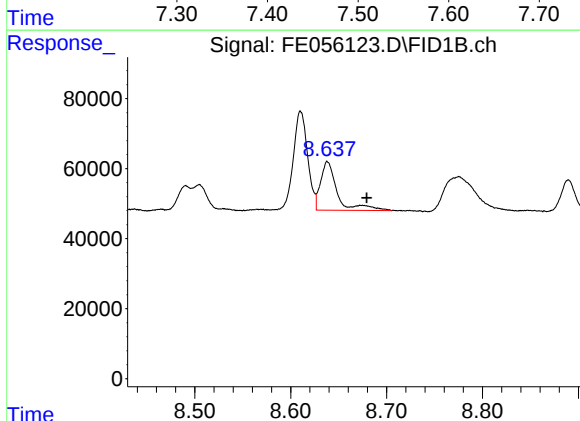
R.T.: 6.391 min
Delta R.T.: 0.003 min
Response: 135992
Conc: 0.85 ug/ml

Instrument :
FID_E
ClientSampleId :
S-12(0-0.5)RDL



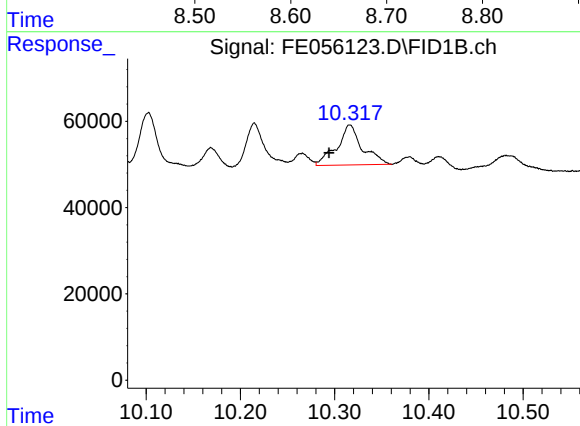
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.490 min
Delta R.T.: 0.001 min
Response: 191359
Conc: 1.23 ug/ml



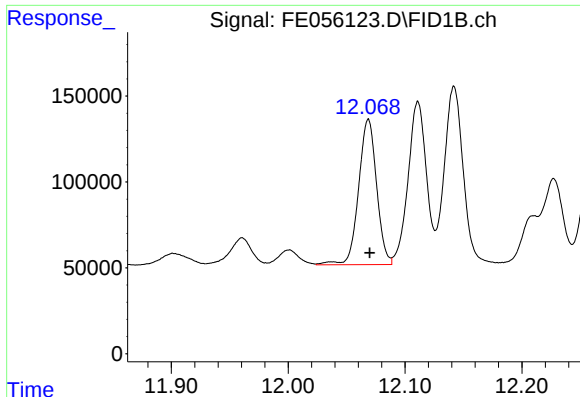
#6 n-Tetradecane (C14)

R.T.: 8.639 min
Delta R.T.: -0.041 min
Response: 167760
Conc: 1.13 ug/ml



#7 n-Hexadecane (C16)

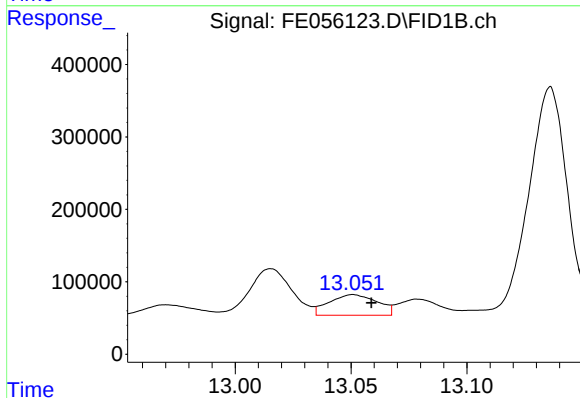
R.T.: 10.316 min
Delta R.T.: 0.022 min
Response: 173911
Conc: 1.09 ug/ml



#9 ortho-Terphenyl (SURR)

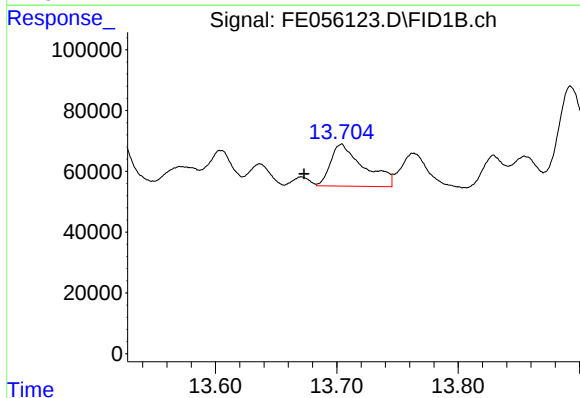
R.T.: 12.069 min
Delta R.T.: -0.001 min
Response: 908106
Conc: 4.84 ug/ml

Instrument :
FID_E
ClientSampleId :
S-12(0-0.5)RDL



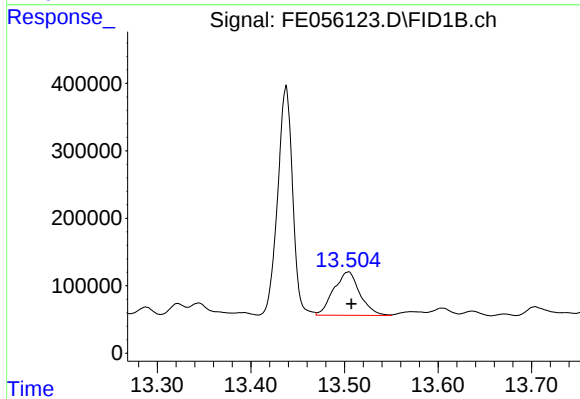
#10 n-Eicosane (C20)

R.T.: 13.051 min
Delta R.T.: -0.008 min
Response: 411231
Conc: 2.48 ug/ml



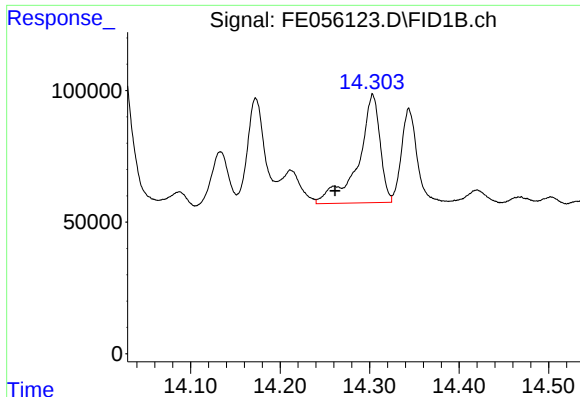
#11 n-Heneicosane (C21)

R.T.: 13.704 min
Delta R.T.: 0.031 min
Response: 262772
Conc: 1.62 ug/ml



#12 1-chlorooctadecane (SURR)

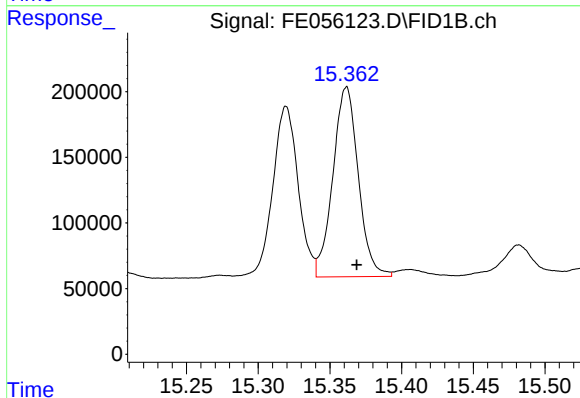
R.T.: 13.504 min
Delta R.T.: -0.004 min
Response: 1254462
Conc: 8.99 ug/ml



#13 n-Docosane (C22)

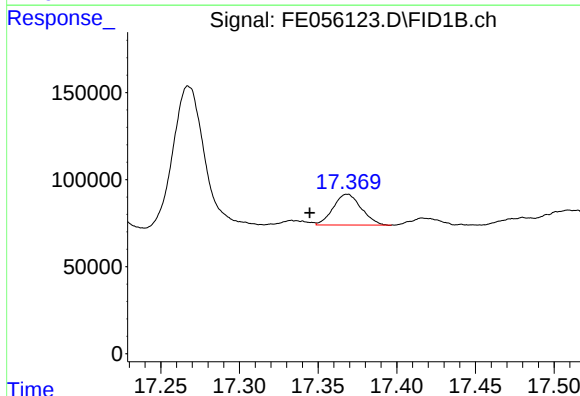
R.T.: 14.303 min
Delta R.T.: 0.042 min
Response: 694484
Conc: 4.35 ug/ml

Instrument :
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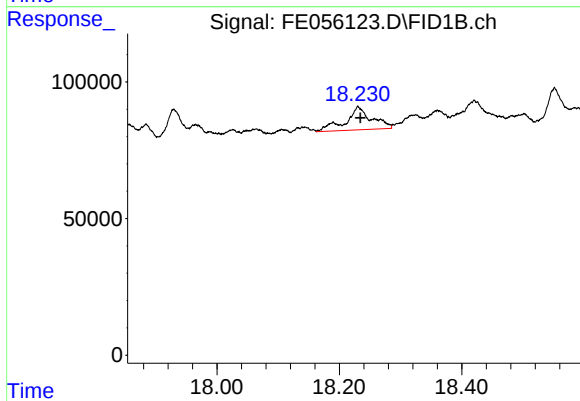
#14 n-Tetracosane (C24)

R.T.: 15.361 min
Delta R.T.: -0.007 min
Response: 1783738
Conc: 11.71 ug/ml



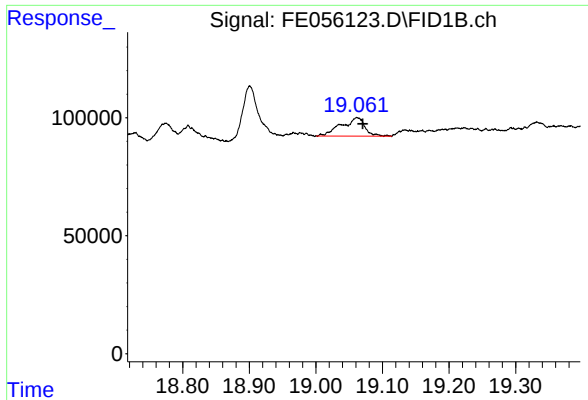
#16 n-Octacosane (C28)

R.T.: 17.369 min
Delta R.T.: 0.024 min
Response: 219385
Conc: 1.57 ug/ml



#17 n-Tricontane (C30)

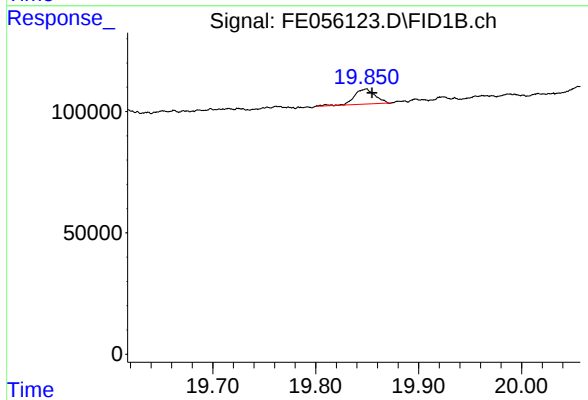
R.T.: 18.231 min
Delta R.T.: -0.004 min
Response: 248719
Conc: 1.68 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 19.062 min
Delta R.T.: -0.008 min
Response: 193067
Conc: 1.29 ug/ml

Instrument :
FID_E
ClientSampleId :
S-12(0-0.5)RDL



#19 n-Tetratriacontane (C34)

R.T.: 19.848 min
Delta R.T.: -0.007 min
Response: 86310
Conc: 0.61 ug/ml