

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE033125AL\
 Data File : FE053068.D
 Signal(s) : FID1B.ch
 Acq On : 31 Mar 2025 12:30
 Operator : YP\AJ
 Sample : Q1657-01DL 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 31 12:55:48 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)	11.901	4139666	25.415 ug/ml
Spiked Amount 50.000		Recovery =	50.83%
12) S 1-chlorooctadecane (S...	13.346	3909360	32.566 ug/ml
Spiked Amount 50.000		Recovery =	65.13%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.219	145873	0.868 ug/ml
5) T A~2-methylnaphthalene...	7.320	205067	1.285 ug/ml
6) T n-Tetradecane (C14)	8.469	644149	4.207 ug/ml
7) T n-Hexadecane (C16)	10.145	1746134	11.328 ug/ml
8) T n-Octadecane (C18)	11.630	154395	1.018 ug/ml
10) T n-Eicosane (C20)	12.904	504735	3.540 ug/ml
11) T n-Heneicosane (C21)	13.530	369870	2.665 ug/ml
13) T n-Docosane (C22)	14.127	543749	3.970 ug/ml
14) T n-Tetracosane (C24)	15.187	1040241	7.702 ug/ml
16) T n-Octacosane (C28)	17.189	270390	2.049 ug/ml
17) T n-Tricontane (C30)	18.075	194946	1.438 ug/ml
18) T n-Dotriacontane (C32)	18.911	300622	2.234 ug/ml
19) T n-Tetratriacontane (C34)	19.698	230331	1.780 ug/ml
20) T n-Hexatriacontane (C36)	20.443	128243	1.080 ug/ml

(f)=RT Delta > 1/2 Window

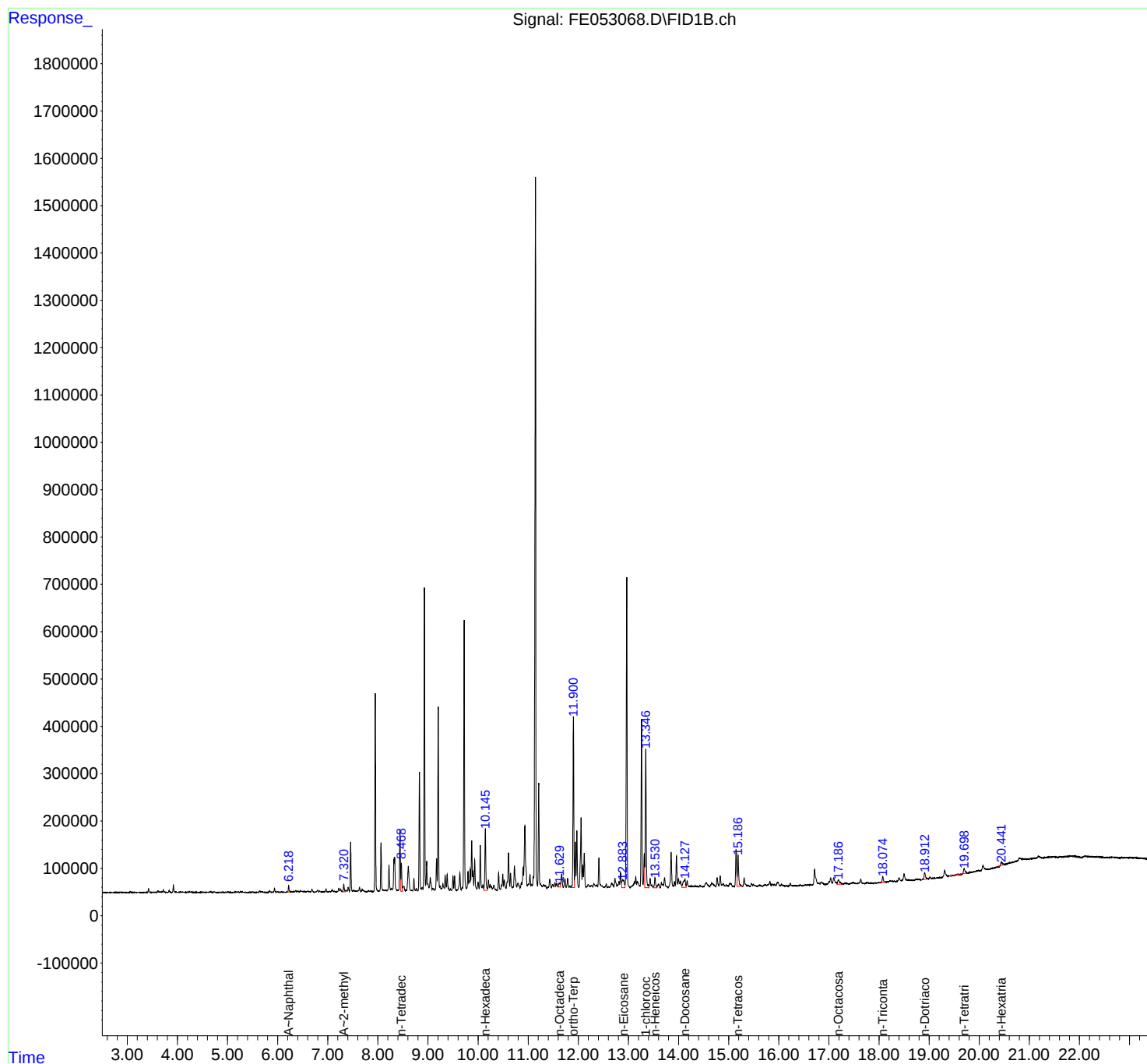
(m)=manual int.

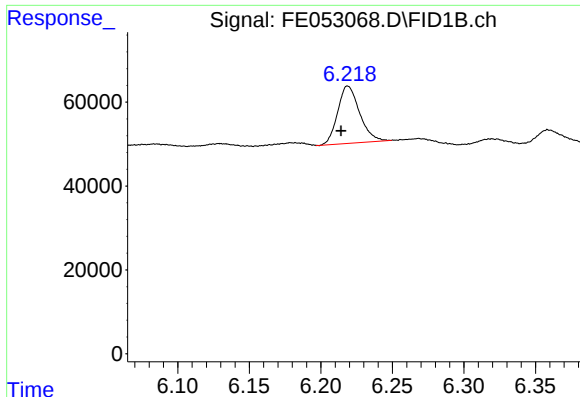
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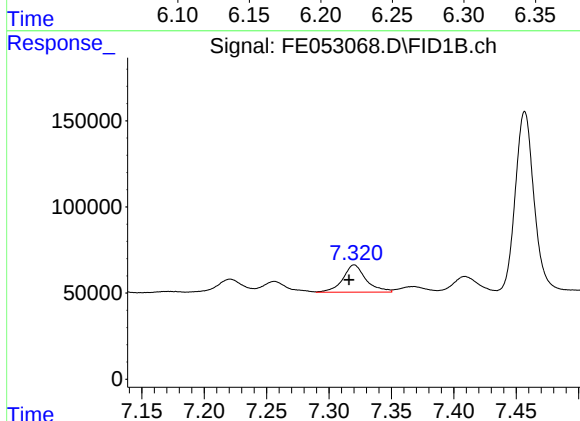




#3 A~Naphthalene (C11.7)

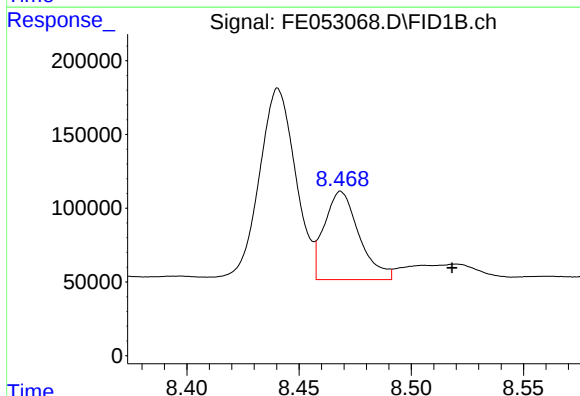
R.T.: 6.219 min
Delta R.T.: 0.005 min
Response: 145873
Conc: 0.87 ug/ml

Instrument :
FID_E
ClientSampleId :



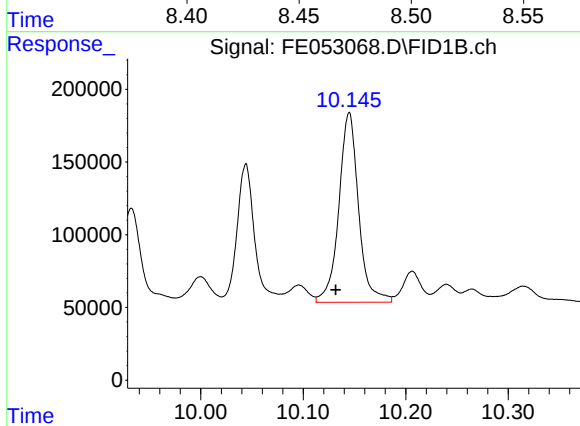
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.320 min
Delta R.T.: 0.004 min
Response: 205067
Conc: 1.29 ug/ml



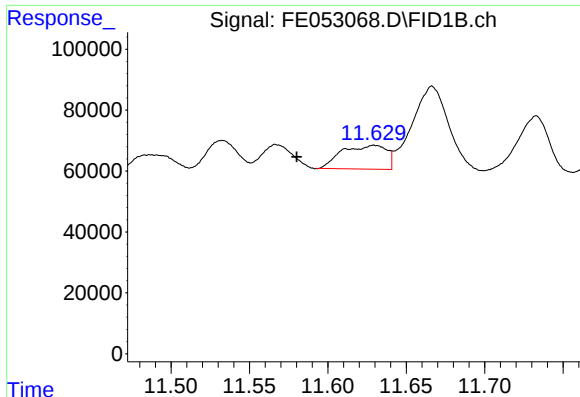
#6 n-Tetradecane (C14)

R.T.: 8.469 min
Delta R.T.: -0.049 min
Response: 644149
Conc: 4.21 ug/ml



#7 n-Hexadecane (C16)

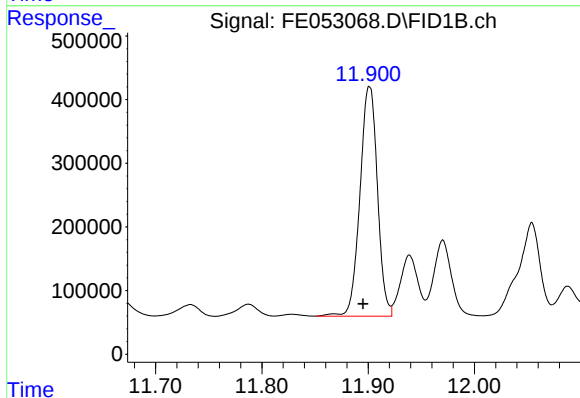
R.T.: 10.145 min
Delta R.T.: 0.013 min
Response: 1746134
Conc: 11.33 ug/ml



#8 n-Octadecane (C18)

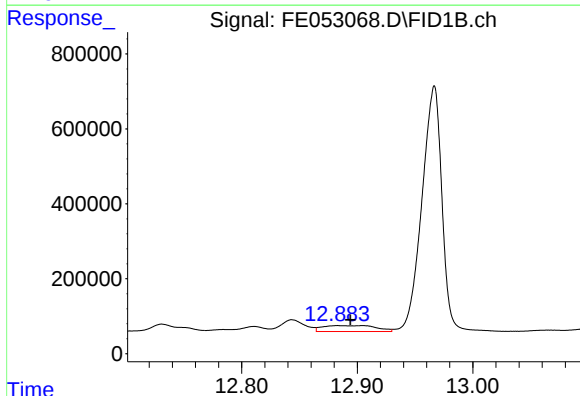
R.T.: 11.630 min
Delta R.T.: 0.050 min
Response: 154395
Conc: 1.02 ug/ml

Instrument :
FID_E
ClientSampleId :



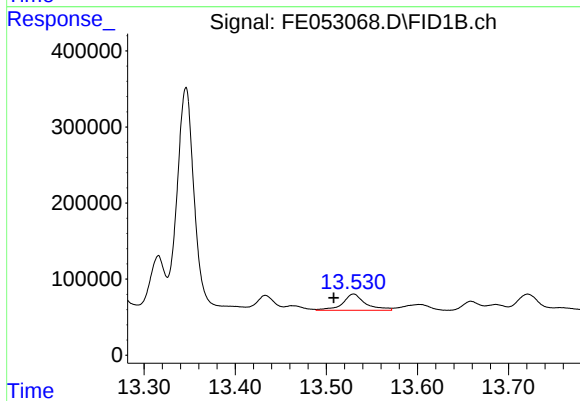
#9 ortho-Terphenyl (SURR)

R.T.: 11.901 min
Delta R.T.: 0.006 min
Response: 4139666
Conc: 25.41 ug/ml



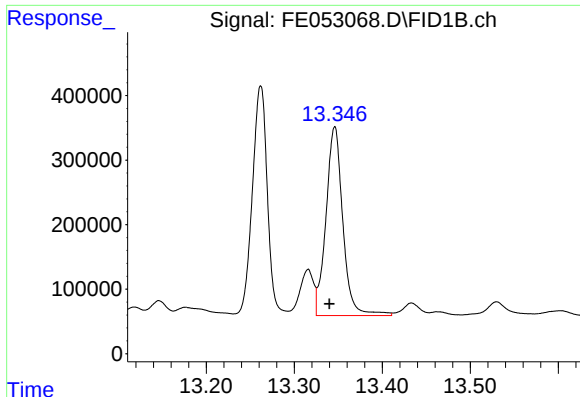
#10 n-Eicosane (C20)

R.T.: 12.904 min
Delta R.T.: 0.010 min
Response: 504735
Conc: 3.54 ug/ml



#11 n-Heneicosane (C21)

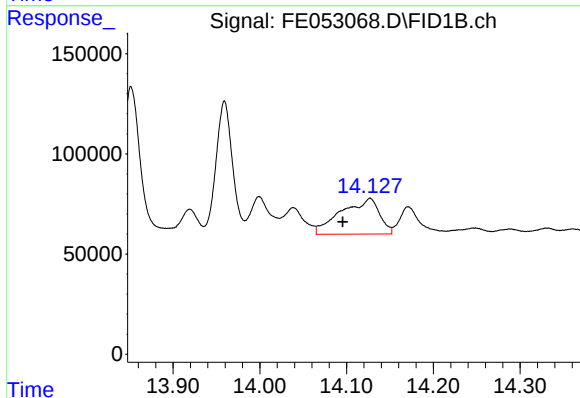
R.T.: 13.530 min
Delta R.T.: 0.022 min
Response: 369870
Conc: 2.67 ug/ml



#12 1-chlorooctadecane (SURR)

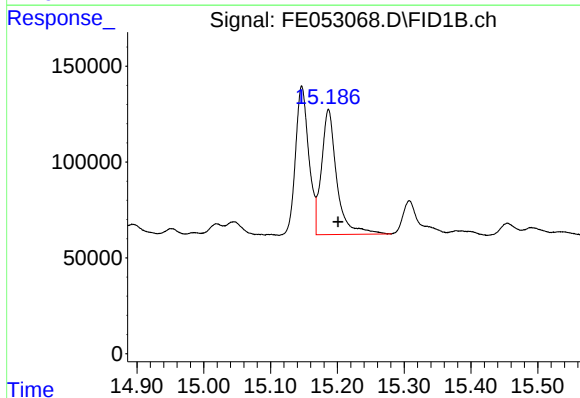
R.T.: 13.346 min
Delta R.T.: 0.006 min
Response: 3909360
Conc: 32.57 ug/ml

Instrument :
FID_E
ClientSampleId :



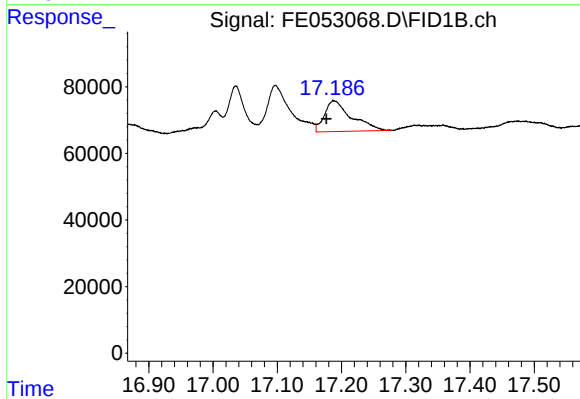
#13 n-Docosane (C22)

R.T.: 14.127 min
Delta R.T.: 0.031 min
Response: 543749
Conc: 3.97 ug/ml



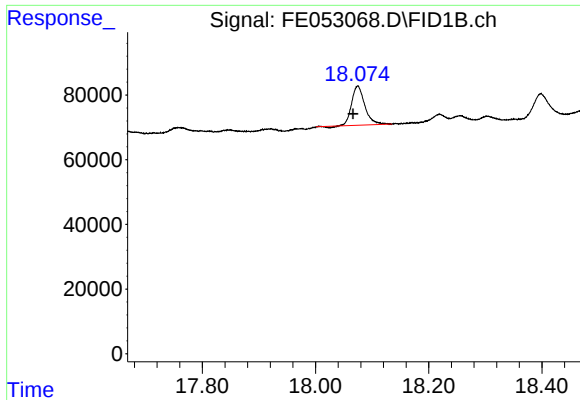
#14 n-Tetracosane (C24)

R.T.: 15.187 min
Delta R.T.: -0.014 min
Response: 1040241
Conc: 7.70 ug/ml



#16 n-Octacosane (C28)

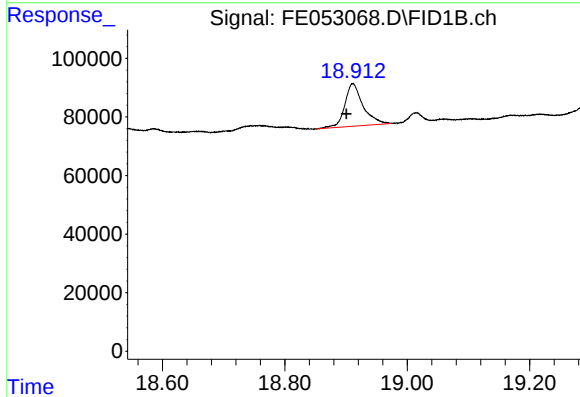
R.T.: 17.189 min
Delta R.T.: 0.012 min
Response: 270390
Conc: 2.05 ug/ml



#17 n-Tricontane (C30)

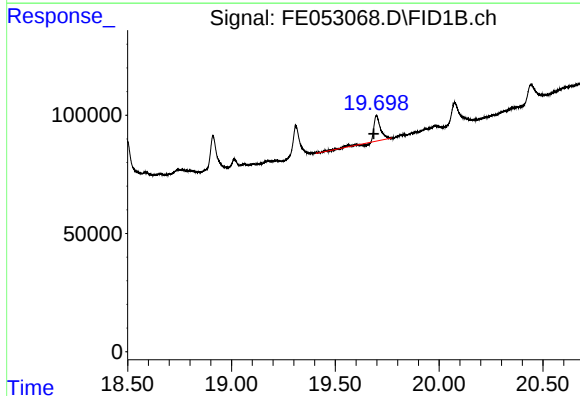
R.T.: 18.075 min
Delta R.T.: 0.008 min
Response: 194946
Conc: 1.44 ug/ml

Instrument :
FID_E
ClientSampleId :



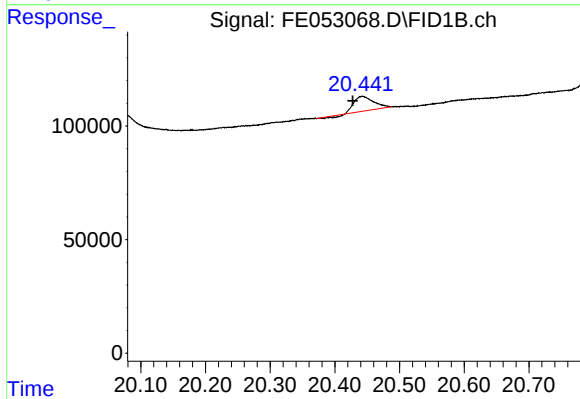
#18 n-Dotriacontane (C32)

R.T.: 18.911 min
Delta R.T.: 0.011 min
Response: 300622
Conc: 2.23 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.698 min
Delta R.T.: 0.012 min
Response: 230331
Conc: 1.78 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.443 min
Delta R.T.: 0.015 min
Response: 128243
Conc: 1.08 ug/ml