

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG011725AL\
 Data File : FG015113.D
 Signal(s) : FID1A.ch
 Acq On : 17 Jan 2025 11:17
 Operator : YP\AJ
 Sample : Q1099-02DL 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jan 18 03:47:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 14 11:45:29 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)	11.943	960467	6.143 ug/ml
Spiked Amount 50.000		Recovery =	12.29%
12) S 1-chlorooctadecane (S...	13.389	918077	7.540 ug/ml
Spiked Amount 50.000		Recovery =	15.08%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.259	115061	0.788 ug/ml
5) T A~2-methylnaphthalene...	7.359	99109	0.694 ug/ml
6) T n-Tetradecane (C14)	8.509f	31067	0.226 ug/ml
7) T n-Hexadecane (C16)	10.183	50216	0.347 ug/ml
10) T n-Eicosane (C20)	12.998f	1278369	8.906 ug/ml
11) T n-Heneicosane (C21)	13.565	58523	0.414 ug/ml
13) T n-Docosane (C22)	14.167	154019	1.095 ug/ml
14) T n-Tetracosane (C24)	15.222	440215	3.163 ug/ml
16) T n-Octacosane (C28)	17.228	224330	1.705 ug/ml
17) T n-Tricontane (C30)	18.126	173986	1.312 ug/ml
18) T n-Dotriacontane (C32)	18.963	155308	1.231 ug/ml
19) T n-Tetratriacontane (C34)	19.747	17858	0.164 ug/ml
20) T n-Hexatriacontane (C36)	20.489	28112	0.301 ug/ml

(f)=RT Delta > 1/2 Window

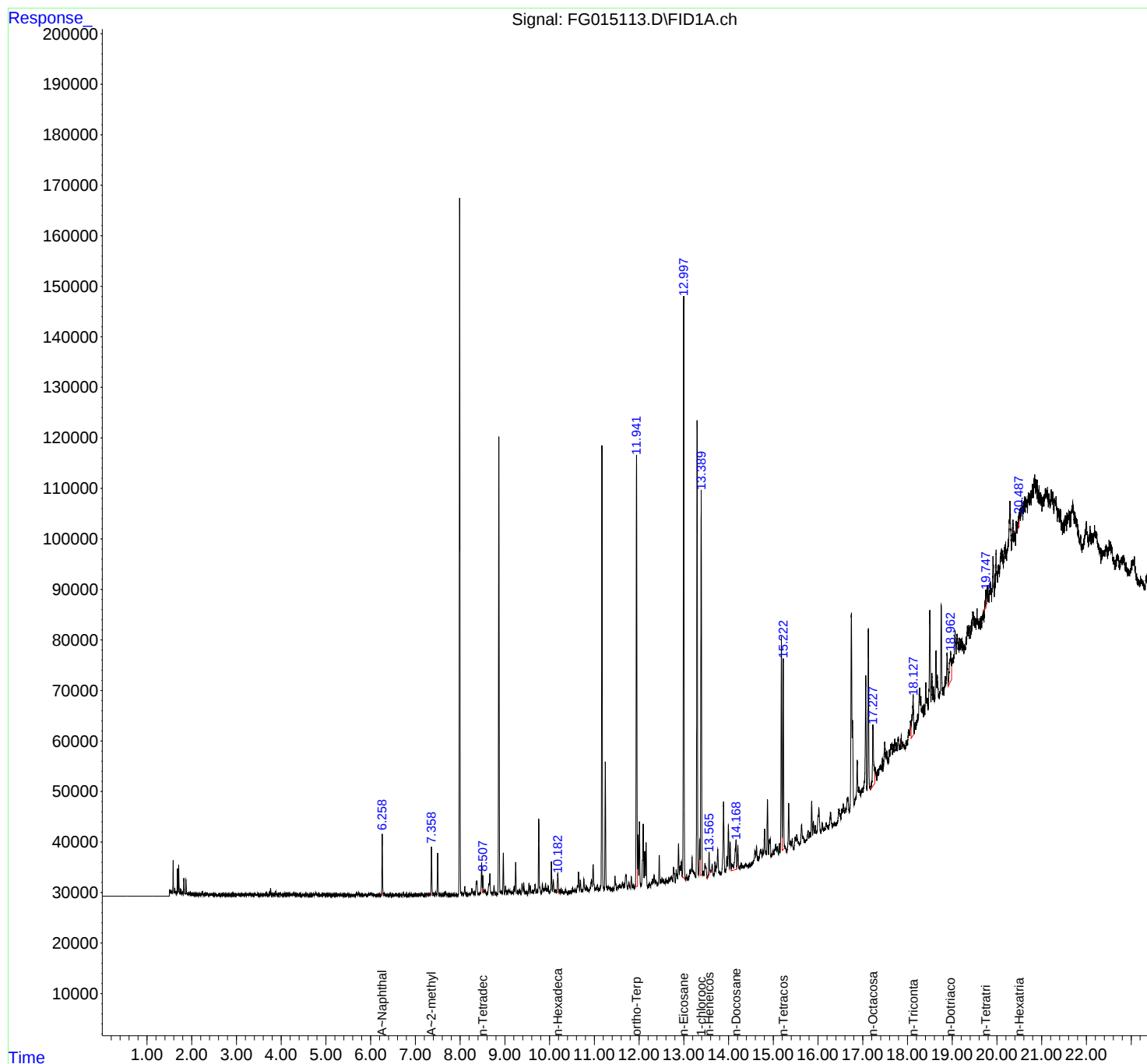
(m)=manual int.

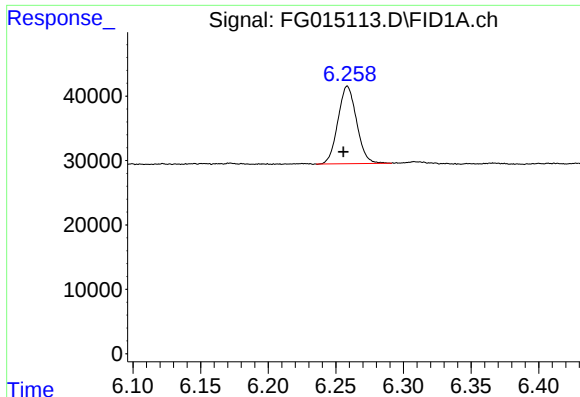
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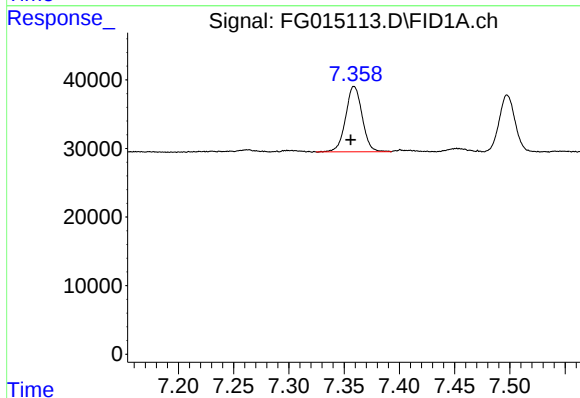




#3 A~Naphthalene (C11.7)

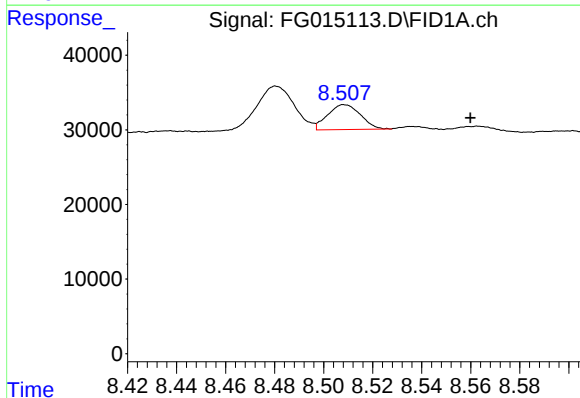
R.T.: 6.259 min
Delta R.T.: 0.003 min
Response: 115061
Conc: 0.79 ug/ml

Instrument :
FID_G
ClientSampleId :



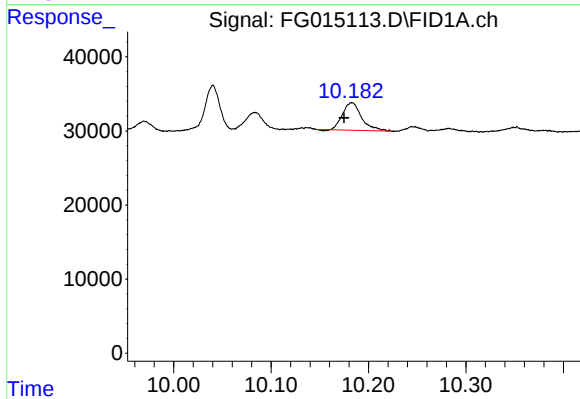
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.359 min
Delta R.T.: 0.003 min
Response: 99109
Conc: 0.69 ug/ml



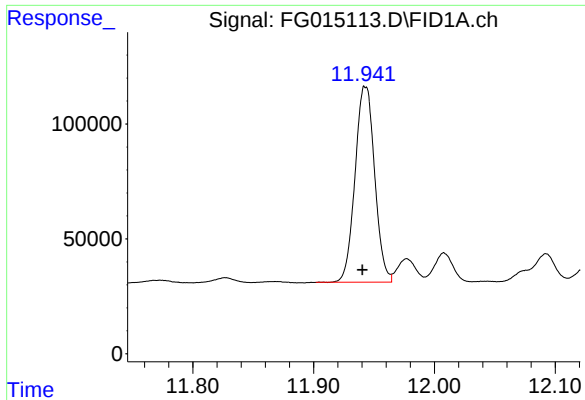
#6 n-Tetradecane (C14)

R.T.: 8.509 min
Delta R.T.: -0.051 min
Response: 31067
Conc: 0.23 ug/ml



#7 n-Hexadecane (C16)

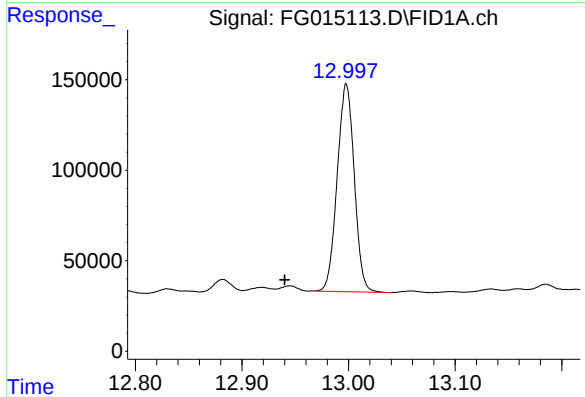
R.T.: 10.183 min
Delta R.T.: 0.008 min
Response: 50216
Conc: 0.35 ug/ml



#9 ortho-Terphenyl (SURR)

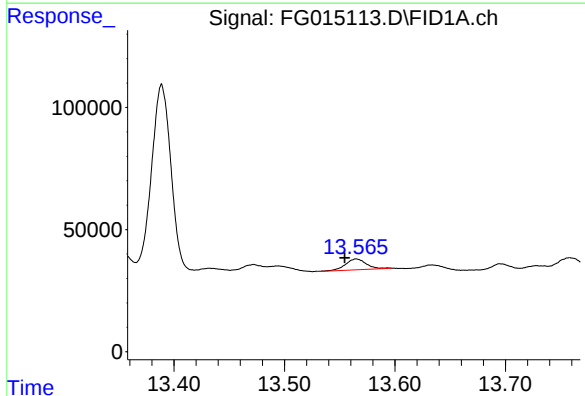
R.T.: 11.943 min
Delta R.T.: 0.003 min
Response: 960467
Conc: 6.14 ug/ml

Instrument :
FID_G
ClientSampleId :



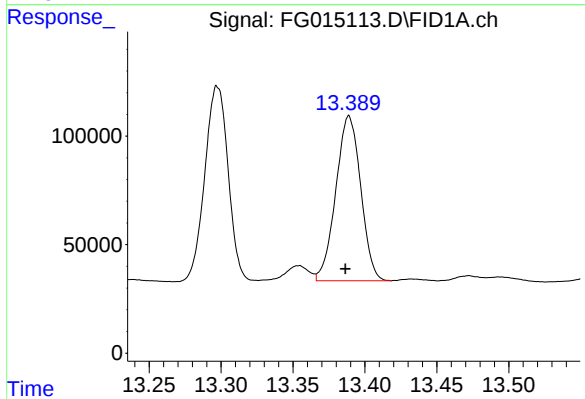
#10 n-Eicosane (C20)

R.T.: 12.998 min
Delta R.T.: 0.058 min
Response: 1278369
Conc: 8.91 ug/ml



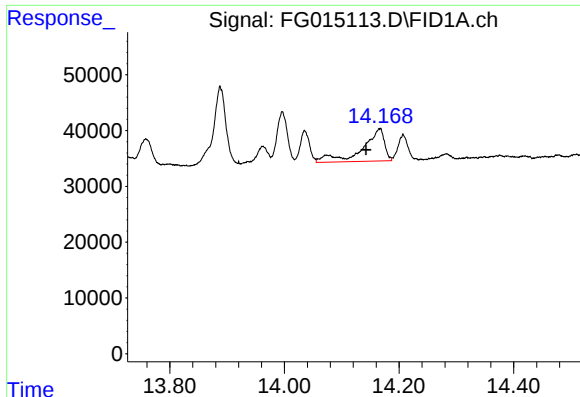
#11 n-Heneicosane (C21)

R.T.: 13.565 min
Delta R.T.: 0.011 min
Response: 58523
Conc: 0.41 ug/ml



#12 1-chlorooctadecane (SURR)

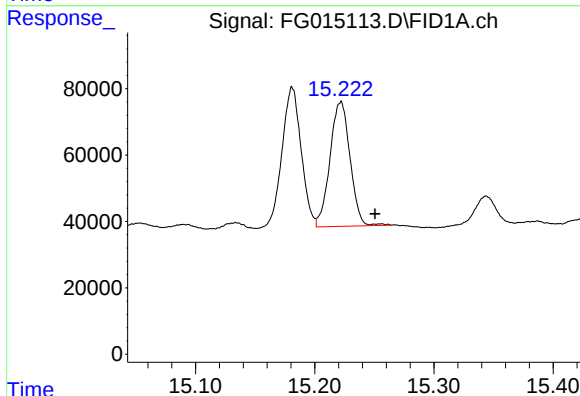
R.T.: 13.389 min
Delta R.T.: 0.002 min
Response: 918077
Conc: 7.54 ug/ml



#13 n-Docosane (C22)

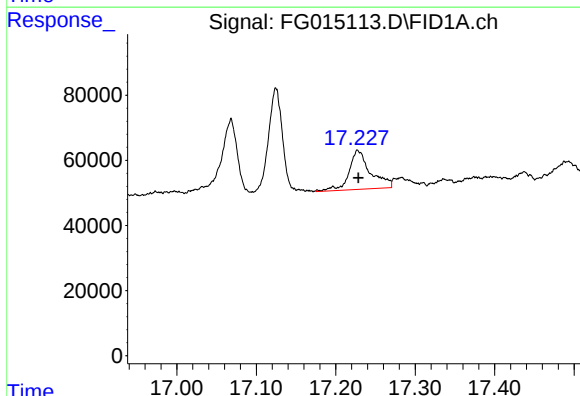
R.T.: 14.167 min
Delta R.T.: 0.024 min
Response: 154019
Conc: 1.10 ug/ml

Instrument :
FID_G
ClientSampleId :



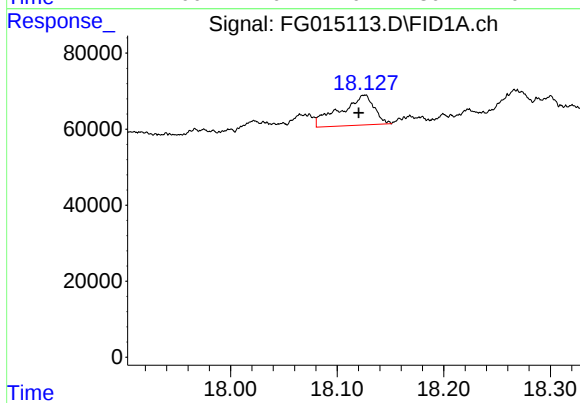
#14 n-Tetracosane (C24)

R.T.: 15.222 min
Delta R.T.: -0.029 min
Response: 440215
Conc: 3.16 ug/ml



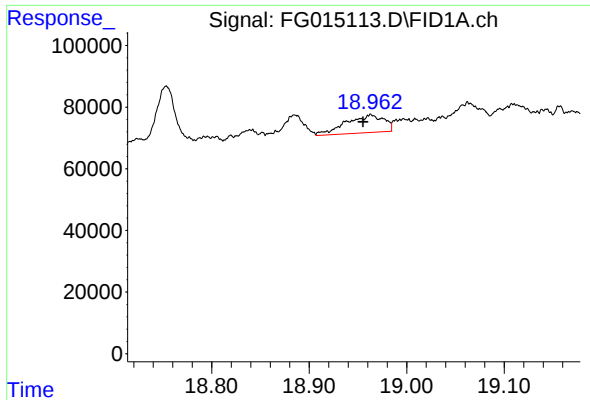
#16 n-Octacosane (C28)

R.T.: 17.228 min
Delta R.T.: -0.001 min
Response: 224330
Conc: 1.70 ug/ml



#17 n-Tricontane (C30)

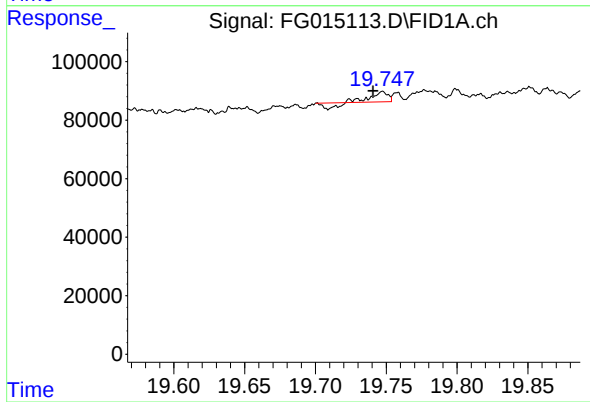
R.T.: 18.126 min
Delta R.T.: 0.006 min
Response: 173986
Conc: 1.31 ug/ml



#18 n-Dotriacontane (C32)

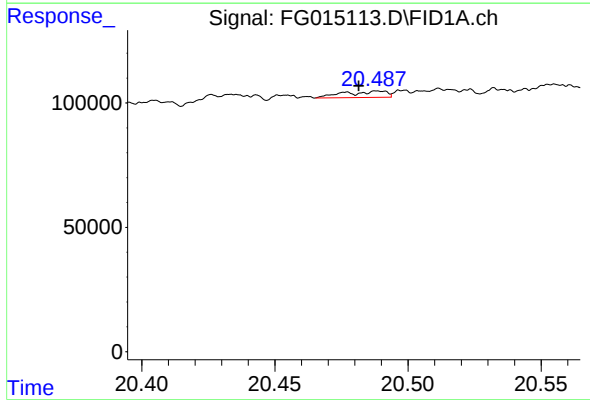
R.T.: 18.963 min
Delta R.T.: 0.008 min
Response: 155308
Conc: 1.23 ug/ml

Instrument :
FID_G
ClientSampleId :



#19 n-Tetratriacontane (C34)

R.T.: 19.747 min
Delta R.T.: 0.007 min
Response: 17858
Conc: 0.16 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.489 min
Delta R.T.: 0.008 min
Response: 28112
Conc: 0.30 ug/ml