

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG011725AL\
 Data File : FG015108.D
 Signal(s) : FID1A.ch
 Acq On : 17 Jan 2025 08:52
 Operator : YP\AJ
 Sample : Q1093-01DL 2X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jan 18 03:45:35 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)	11.958	30673792	196.192 ug/ml
Spiked Amount 50.000		Recovery =	392.38%
12) S 1-chlorooctadecane (S...	13.369	6240005	51.248 ug/ml
Spiked Amount 50.000		Recovery =	102.50%
Target Compounds			
5) T A~2-methylnaphthalene...	7.351	53584	0.375 ug/ml
6) T n-Tetradecane (C14)	8.567	1791285	13.025 ug/ml
7) T n-Hexadecane (C16)	10.198	8271148	57.083 ug/ml
8) T n-Octadecane (C18)	11.633	2740552	18.439 ug/ml
10) T n-Eicosane (C20)	12.963	11888068	82.823 ug/ml
11) T n-Heneicosane (C21)	13.540	12239880	86.566 ug/ml
13) T n-Docosane (C22)	14.165	15139998	107.681 ug/ml
14) T n-Tetracosane (C24)	15.233	17029239	122.351 ug/ml
16) T n-Octacosane (C28)	17.231	46754	0.355 ug/ml
17) T n-Tricontane (C30)	18.122	127874	0.964 ug/ml
18) T n-Dotriacontane (C32)	18.954	123377	0.978 ug/ml
19) T n-Tetratriacontane (C34)	19.802f	145129	1.333 ug/ml

(f)=RT Delta > 1/2 Window

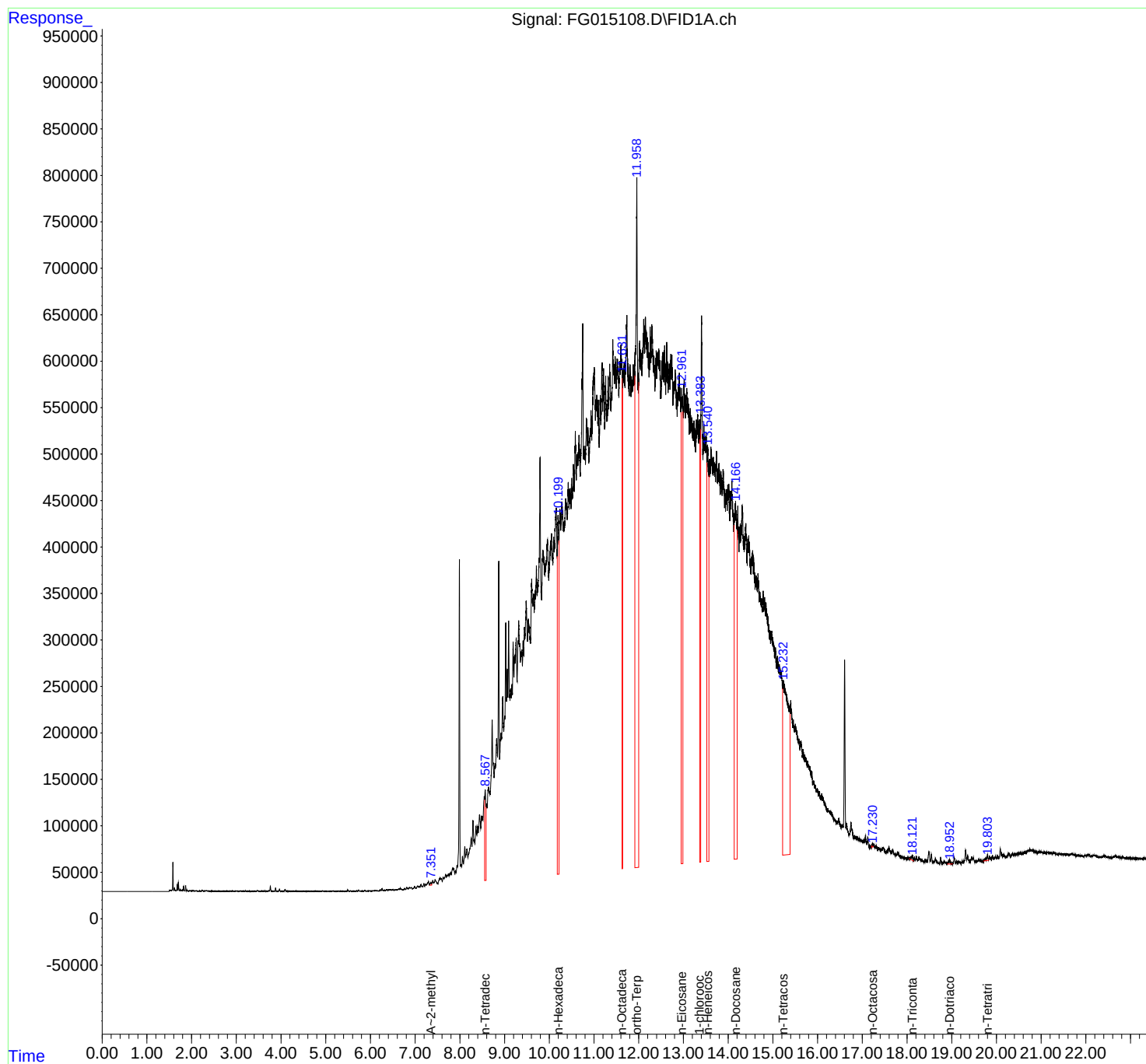
(m)=manual int.

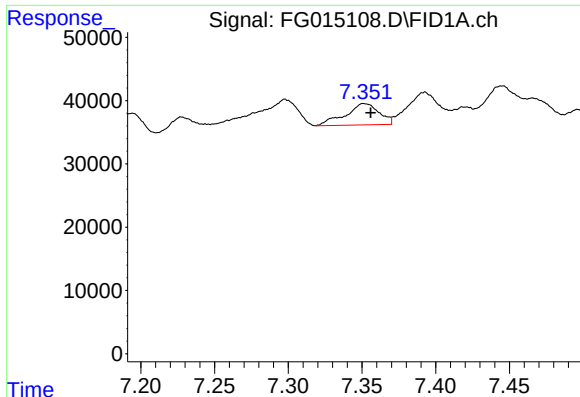
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

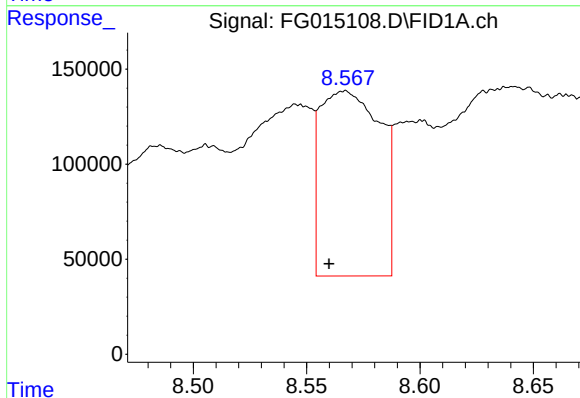




#5 A~2-methylnaphthalene (C12.89)

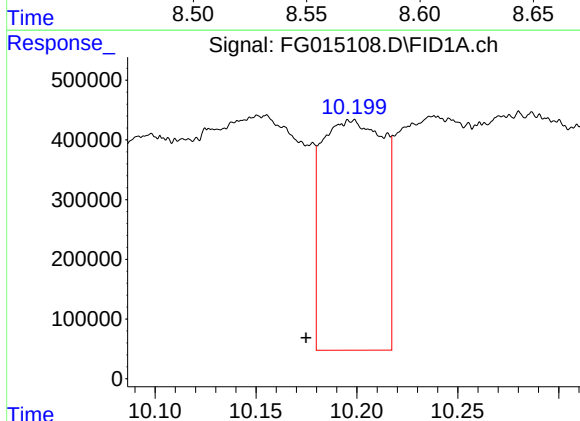
R.T.: 7.351 min
Delta R.T.: -0.005 min
Response: 53584
Conc: 0.38 ug/ml

Instrument :
FID_G
ClientSampleId :



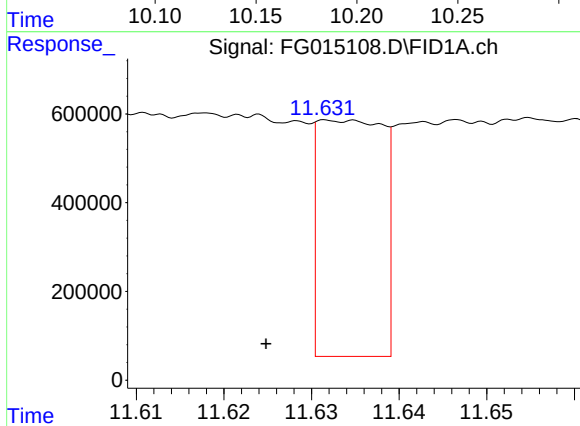
#6 n-Tetradecane (C14)

R.T.: 8.567 min
Delta R.T.: 0.007 min
Response: 1791285
Conc: 13.03 ug/ml



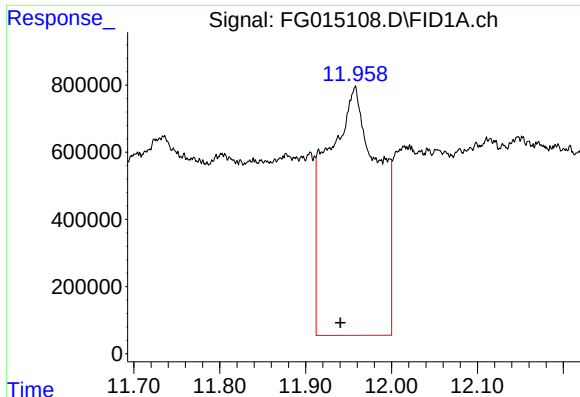
#7 n-Hexadecane (C16)

R.T.: 10.198 min
Delta R.T.: 0.023 min
Response: 8271148
Conc: 57.08 ug/ml



#8 n-Octadecane (C18)

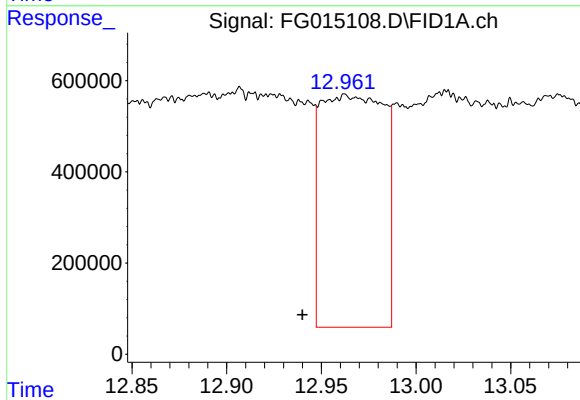
R.T.: 11.633 min
Delta R.T.: 0.008 min
Response: 2740552
Conc: 18.44 ug/ml



#9 ortho-Terphenyl (SURR)

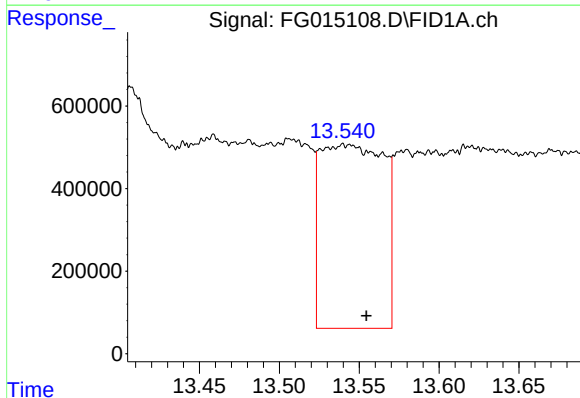
R.T.: 11.958 min
Delta R.T.: 0.017 min
Response: 30673792
Conc: 196.19 ug/ml

Instrument :
FID_G
ClientSampleId :



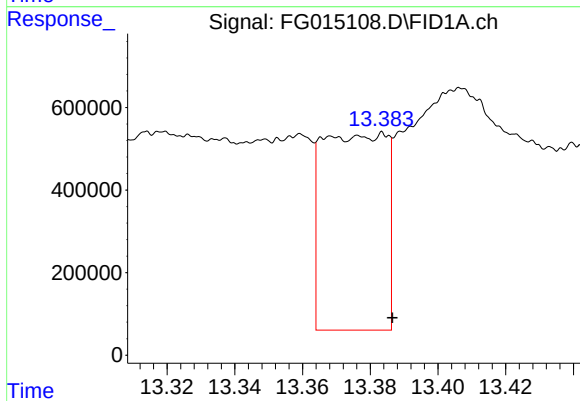
#10 n-Eicosane (C20)

R.T.: 12.963 min
Delta R.T.: 0.023 min
Response: 11888068
Conc: 82.82 ug/ml



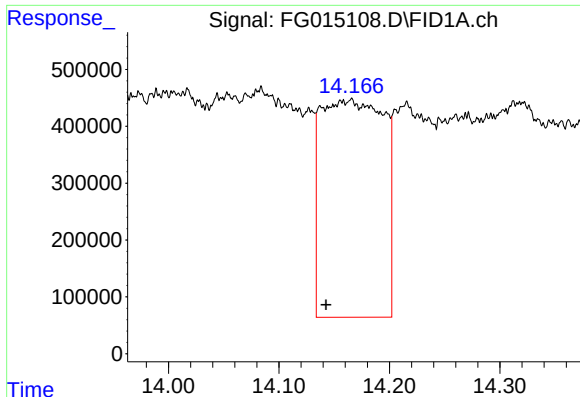
#11 n-Heneicosane (C21)

R.T.: 13.540 min
Delta R.T.: -0.014 min
Response: 12239880
Conc: 86.57 ug/ml



#12 1-chlorooctadecane (SURR)

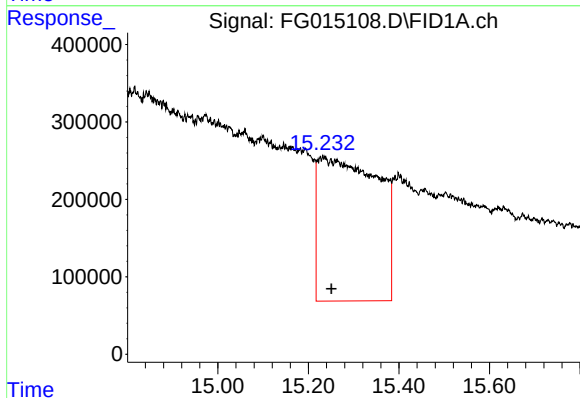
R.T.: 13.369 min
Delta R.T.: -0.018 min
Response: 6240005
Conc: 51.25 ug/ml



#13 n-Docosane (C22)

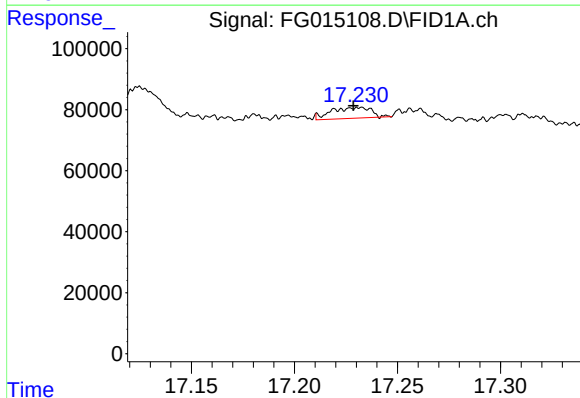
R.T.: 14.165 min
Delta R.T.: 0.022 min
Response: 15139998
Conc: 107.68 ug/ml

Instrument :
FID_G
ClientSampleId :



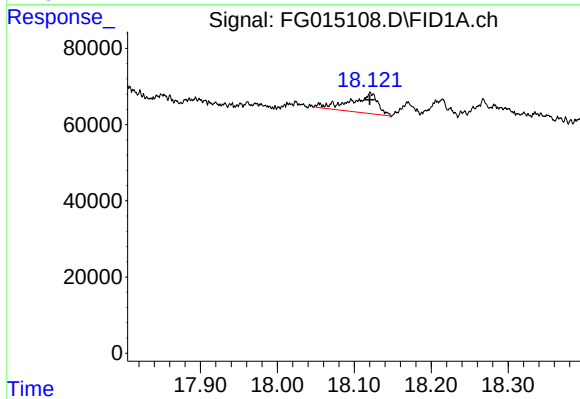
#14 n-Tetracosane (C24)

R.T.: 15.233 min
Delta R.T.: -0.018 min
Response: 17029239
Conc: 122.35 ug/ml



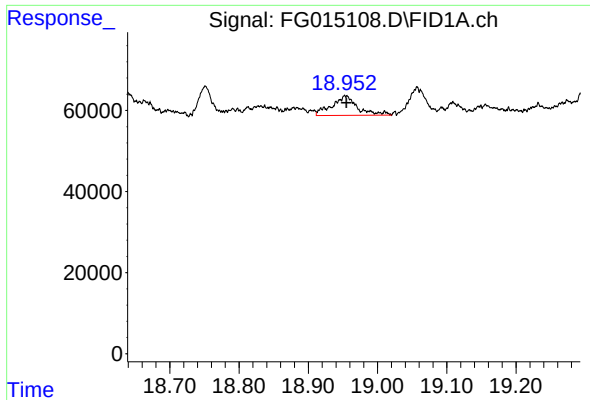
#16 n-Octacosane (C28)

R.T.: 17.231 min
Delta R.T.: 0.003 min
Response: 46754
Conc: 0.36 ug/ml



#17 n-Tricontane (C30)

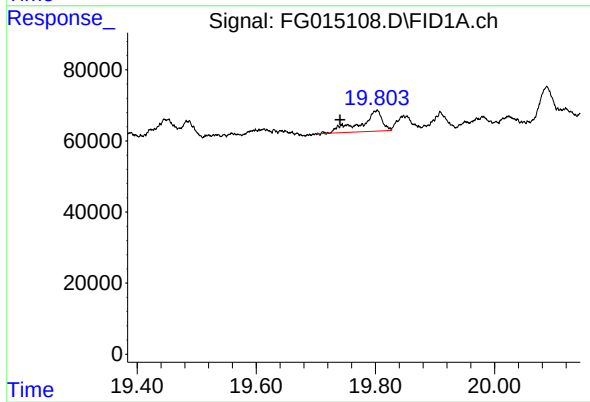
R.T.: 18.122 min
Delta R.T.: 0.001 min
Response: 127874
Conc: 0.96 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.954 min
Delta R.T.: 0.000 min
Response: 123377
Conc: 0.98 ug/ml

Instrument :
FID_G
ClientSampleId :



#19 n-Tetratriacontane (C34)

R.T.: 19.802 min
Delta R.T.: 0.061 min
Response: 145129
Conc: 1.33 ug/ml