

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051625AL\
 Data File : FG015850.D
 Signal(s) : FID1A.ch
 Acq On : 16 May 2025 14:56
 Operator : YP\AJ
 Sample : Q2003-07
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 5

Integration File: autoint1.e
 Quant Time: May 17 00:42:54 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 051225.M
 Quant Title : GC Extractables
 QLast Update : Mon May 12 12:44:43 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)	11.891	6428721	43.178 ug/ml
Spiked Amount 50.000		Recovery =	86.36%
12) S 1-chlorooctadecane (S...	13.336	5070377	44.014 ug/ml
Spiked Amount 50.000		Recovery =	88.03%
Target Compounds			
8) T n-Octadecane (C18)	11.600	44416	0.365 ug/ml
10) T n-Eicosane (C20)	12.956f	291515	2.379 ug/ml
14) T n-Tetracosane (C24)	15.192	153182	1.265 ug/ml
16) T n-Octacosane (C28)	17.217	50934	0.432 ug/ml
17) T n-Tricontane (C30)	18.061	69434	0.584 ug/ml
18) T n-Dotriacontane (C32)	18.883	388935	3.293 ug/ml
19) T n-Tetratriacontane (C34)	19.742f	169405	1.517 ug/ml

(f)=RT Delta > 1/2 Window

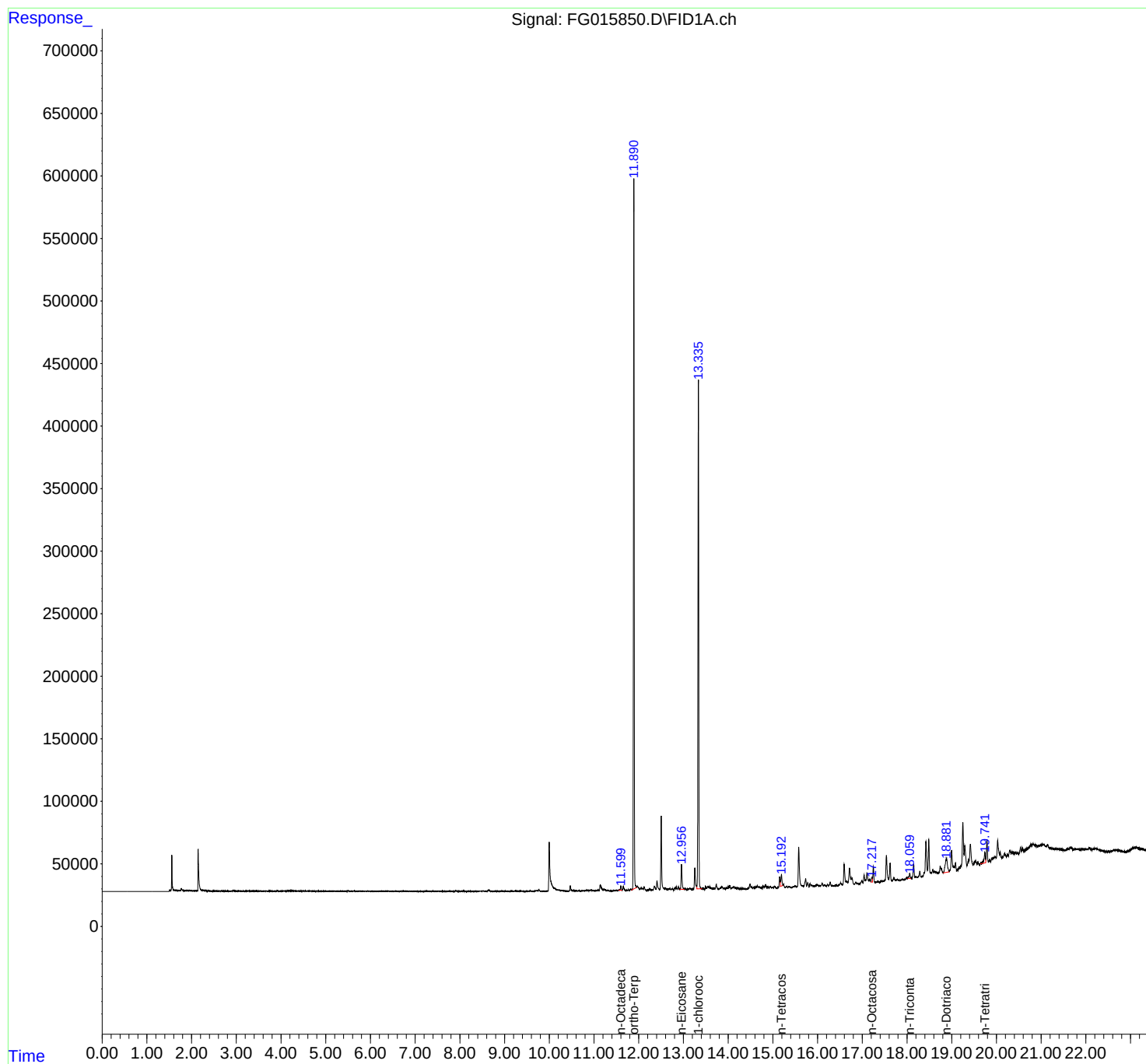
(m)=manual int.

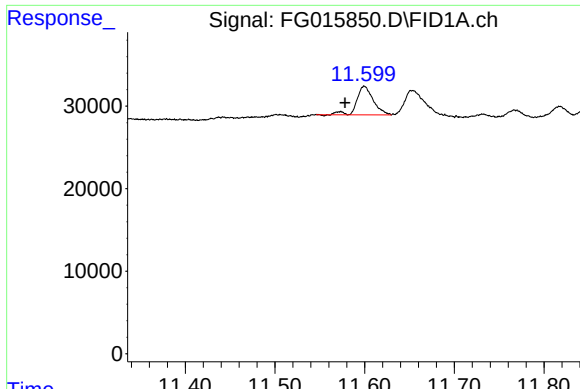
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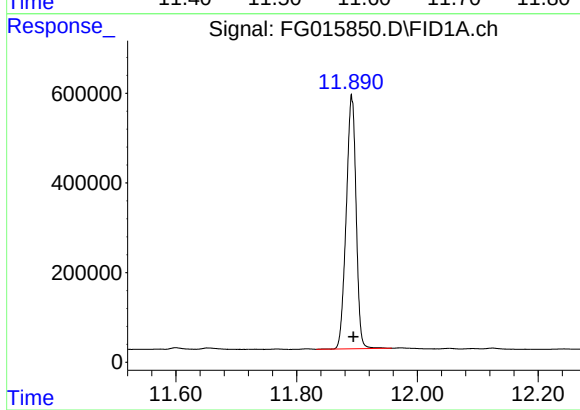




#8 n-Octadecane (C18)

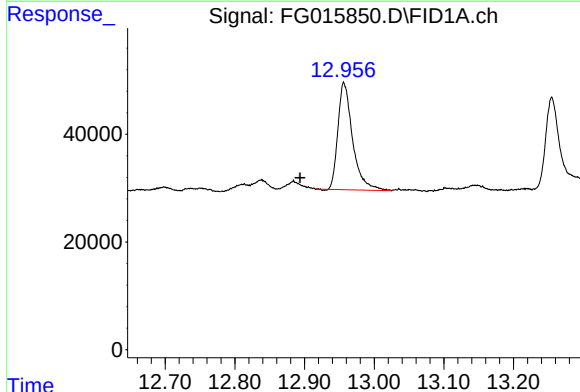
R.T.: 11.600 min
Delta R.T.: 0.021 min
Response: 44416
Conc: 0.37 ug/ml

Instrument :
FID_G
ClientSampleId :
5



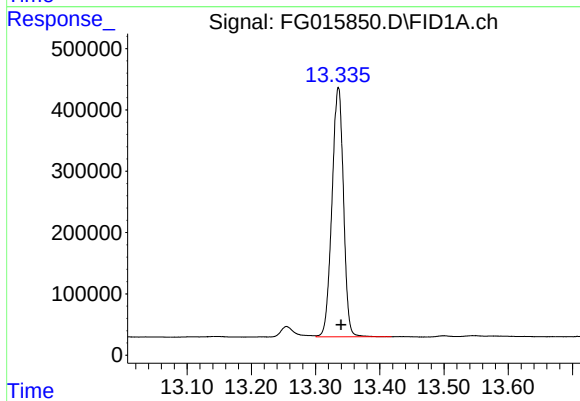
#9 ortho-Terphenyl (SURR)

R.T.: 11.891 min
Delta R.T.: -0.003 min
Response: 6428721
Conc: 43.18 ug/ml



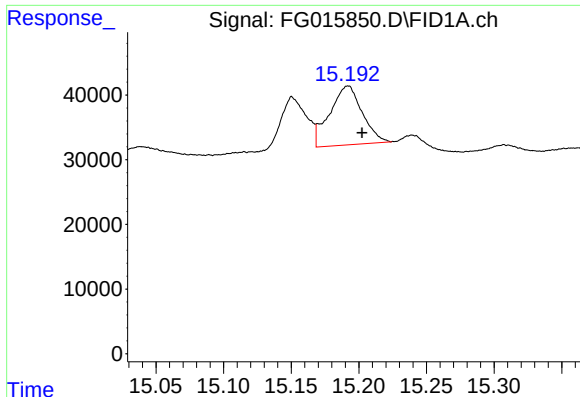
#10 n-Eicosane (C20)

R.T.: 12.956 min
Delta R.T.: 0.063 min
Response: 291515
Conc: 2.38 ug/ml



#12 1-chlorooctadecane (SURR)

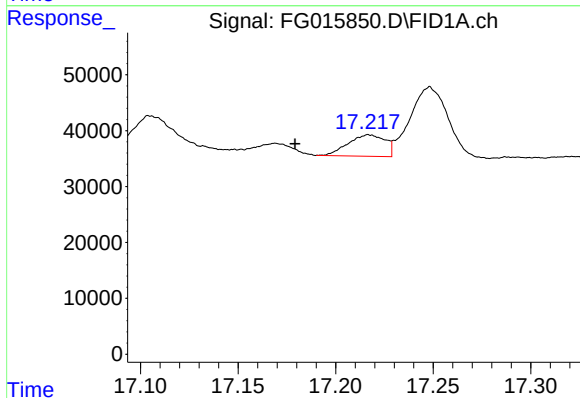
R.T.: 13.336 min
Delta R.T.: -0.004 min
Response: 5070377
Conc: 44.01 ug/ml



#14 n-Tetracosane (C24)

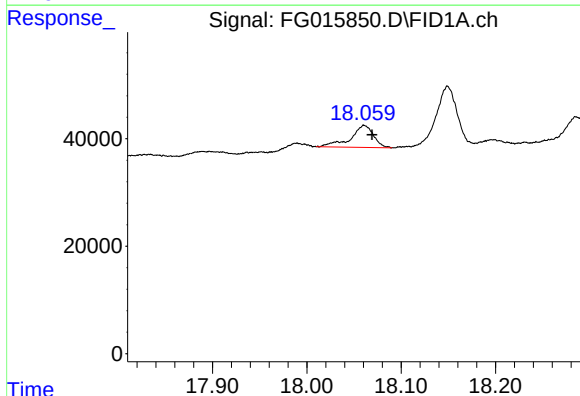
R.T.: 15.192 min
Delta R.T.: -0.010 min
Response: 153182
Conc: 1.26 ug/ml

Instrument :
FID_G
ClientSampleId :
5



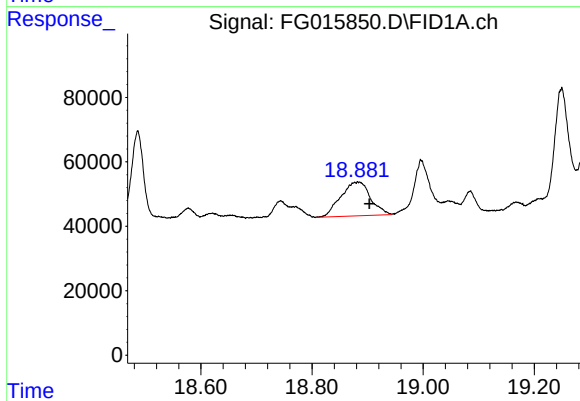
#16 n-Octacosane (C28)

R.T.: 17.217 min
Delta R.T.: 0.038 min
Response: 50934
Conc: 0.43 ug/ml



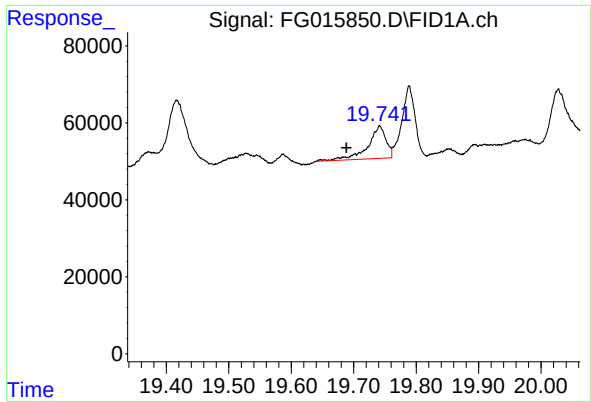
#17 n-Tricontane (C30)

R.T.: 18.061 min
Delta R.T.: -0.008 min
Response: 69434
Conc: 0.58 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.883 min
Delta R.T.: -0.021 min
Response: 388935
Conc: 3.29 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.742 min
Delta R.T.: 0.053 min
Response: 169405
Conc: 1.52 ug/ml

Instrument :
FID_G
ClientSampleId :
5