

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051625AL\
 Data File : FG015857.D
 Signal(s) : FID1A.ch
 Acq On : 16 May 2025 18:22
 Operator : YP\AJ
 Sample : Q2021-07
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 5

Integration File: autoint1.e
 Quant Time: May 17 00:44:47 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	5563170	37.365 ug/ml
Spiked Amount 50.000		Recovery =	74.73%
12) S 1-chlorooctadecane (S...	13.335	4439184	38.535 ug/ml
Spiked Amount 50.000		Recovery =	77.07%
Target Compounds			
6) T n-Tetradecane (C14)	8.504	47013	0.408 ug/ml
10) T n-Eicosane (C20)	12.955f	443055	3.615 ug/ml
14) T n-Tetracosane (C24)	15.186	267400	2.208 ug/ml
16) T n-Octacosane (C28)	17.248f	89624	0.760 ug/ml
17) T n-Tricontane (C30)	18.061	144809	1.219 ug/ml
18) T n-Dotriacontane (C32)	18.888	259668	2.198 ug/ml
19) T n-Tetratriacontane (C34)	19.745f	66808	0.598 ug/ml

(f)=RT Delta > 1/2 Window

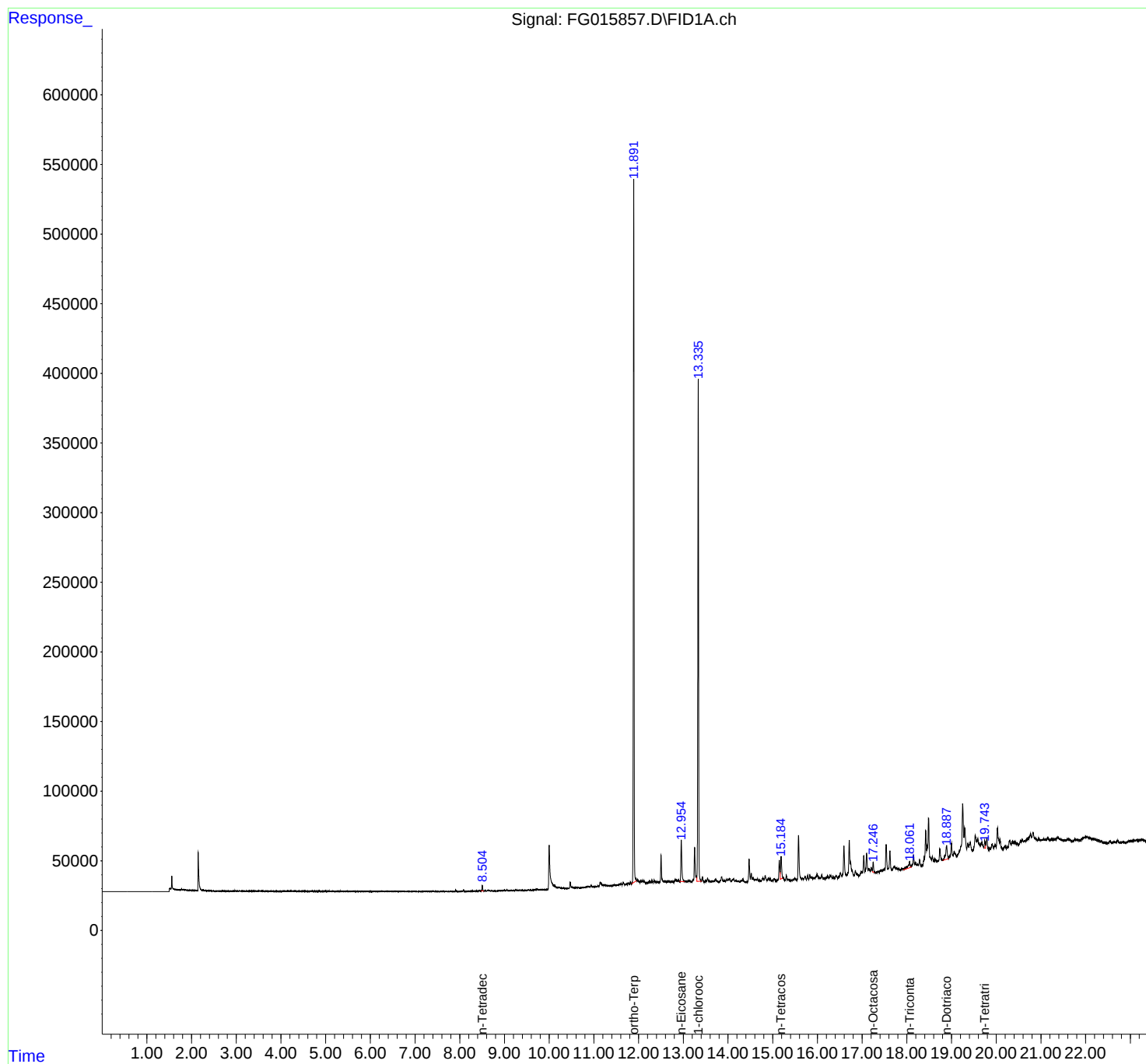
(m)=manual int.

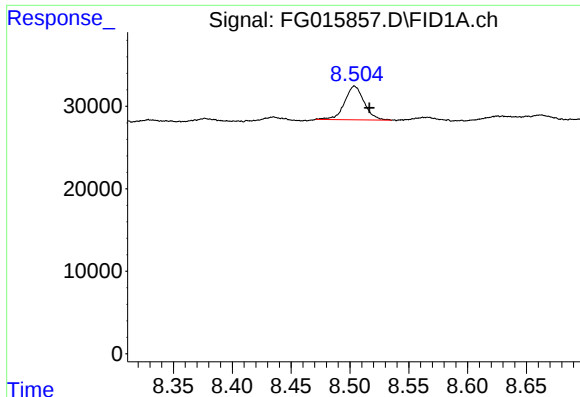
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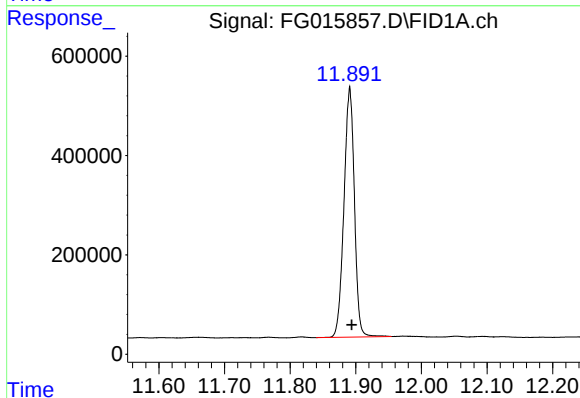




#6 n-Tetradecane (C14)

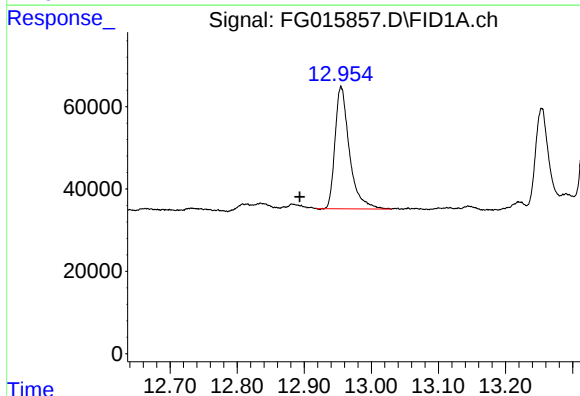
R.T.: 8.504 min
Delta R.T.: -0.012 min
Response: 47013
Conc: 0.41 ug/ml

Instrument :
FID_G
ClientSampleId :
5



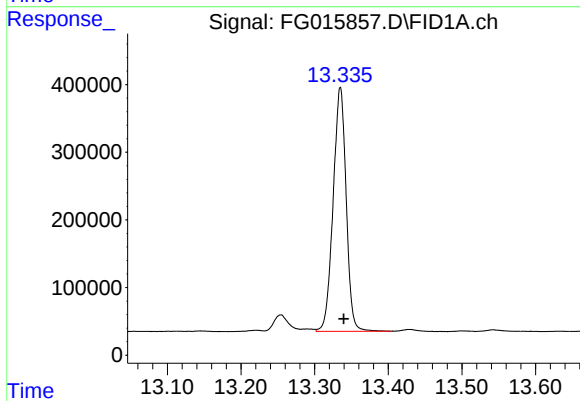
#9 ortho-Terphenyl (SURR)

R.T.: 11.891 min
Delta R.T.: -0.003 min
Response: 5563170
Conc: 37.36 ug/ml



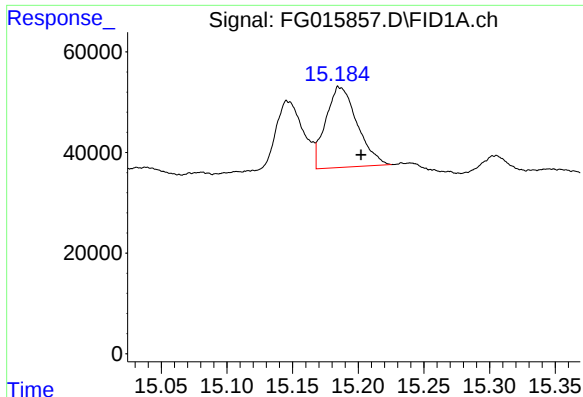
#10 n-Eicosane (C20)

R.T.: 12.955 min
Delta R.T.: 0.062 min
Response: 443055
Conc: 3.62 ug/ml



#12 1-chlorooctadecane (SURR)

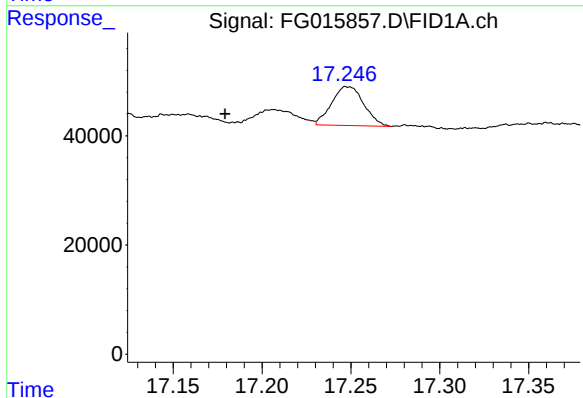
R.T.: 13.335 min
Delta R.T.: -0.005 min
Response: 4439184
Conc: 38.53 ug/ml



#14 n-Tetracosane (C24)

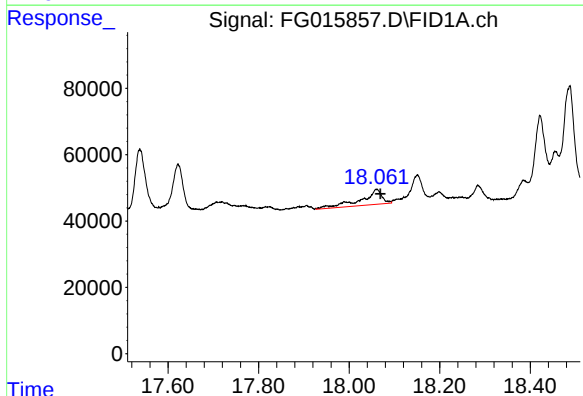
R.T.: 15.186 min
Delta R.T.: -0.017 min
Response: 267400
Conc: 2.21 ug/ml

Instrument :
FID_G
ClientSampleId :
5



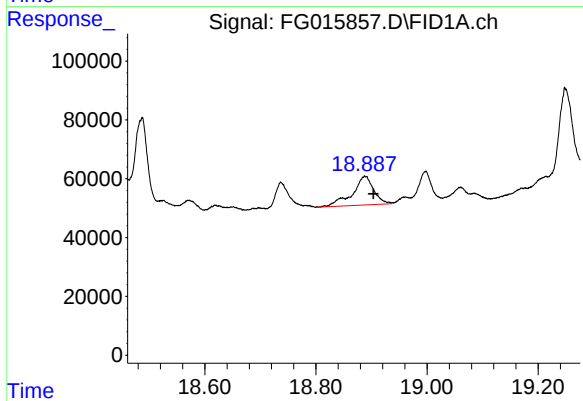
#16 n-Octacosane (C28)

R.T.: 17.248 min
Delta R.T.: 0.069 min
Response: 89624
Conc: 0.76 ug/ml



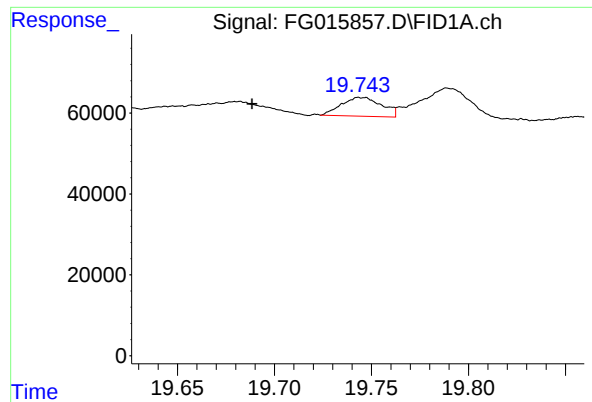
#17 n-Tricontane (C30)

R.T.: 18.061 min
Delta R.T.: -0.008 min
Response: 144809
Conc: 1.22 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.888 min
Delta R.T.: -0.015 min
Response: 259668
Conc: 2.20 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.745 min
Delta R.T.: 0.056 min
Response: 66808
Conc: 0.60 ug/ml

Instrument :
FID_G
ClientSampleId :
5