

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051625AL\
 Data File : FG015855.D
 Signal(s) : FID1A.ch
 Acq On : 16 May 2025 17:23
 Operator : YP\AJ
 Sample : Q2021-05
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 3

Integration File: autoint1.e
 Quant Time: May 17 00:44:18 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	5200096	34.926 ug/ml
Spiked Amount 50.000		Recovery =	69.85%
12) S 1-chlorooctadecane (S...	13.336	4197152	36.434 ug/ml
Spiked Amount 50.000		Recovery =	72.87%
Target Compounds			
10) T n-Eicosane (C20)	12.957f	274983	2.244 ug/ml
14) T n-Tetracosane (C24)	15.191	214105	1.768 ug/ml
16) T n-Octacosane (C28)	17.249f	75881	0.644 ug/ml
17) T n-Tricontane (C30)	18.063	93234	0.785 ug/ml
18) T n-Dotriacontane (C32)	18.889	216364	1.832 ug/ml
19) T n-Tetratriacontane (C34)	19.743f	86244	0.772 ug/ml

(f)=RT Delta > 1/2 Window

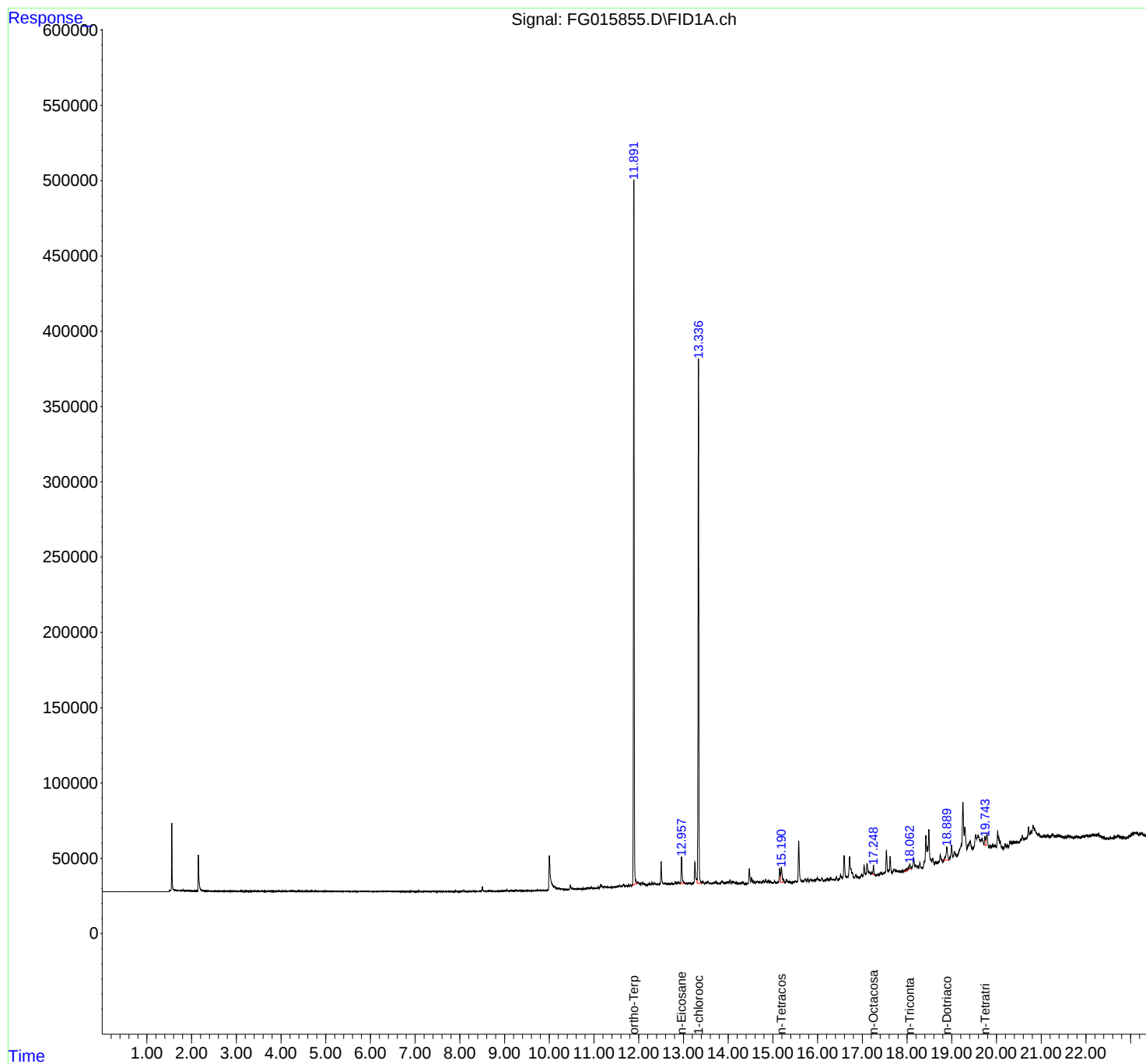
(m)=manual int.

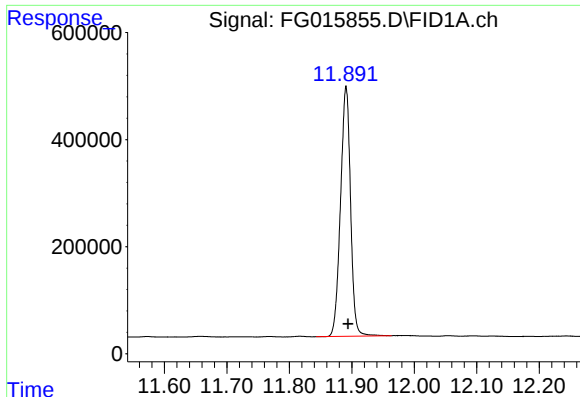
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Integration File: autoint1.e
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

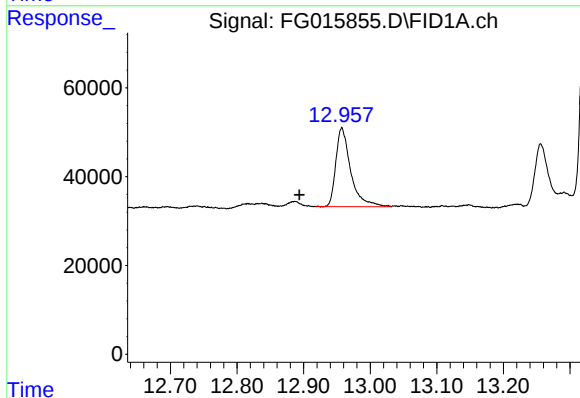




#9 ortho-Terphenyl (SURR)

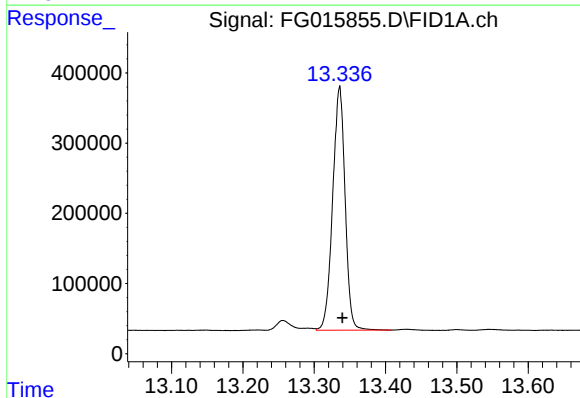
R.T.: 11.891 min
Delta R.T.: -0.003 min
Response: 5200096
Conc: 34.93 ug/ml

Instrument :
FID_G
ClientSampleId :
3



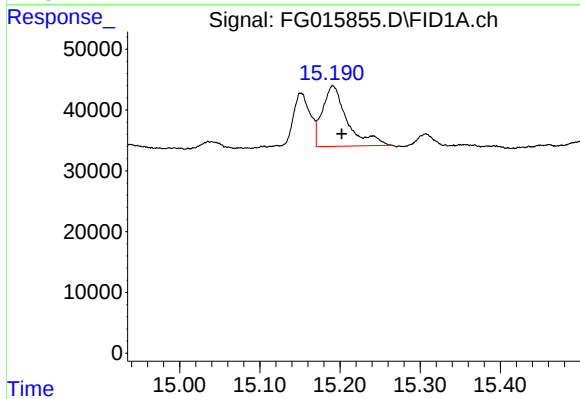
#10 n-Eicosane (C20)

R.T.: 12.957 min
Delta R.T.: 0.064 min
Response: 274983
Conc: 2.24 ug/ml



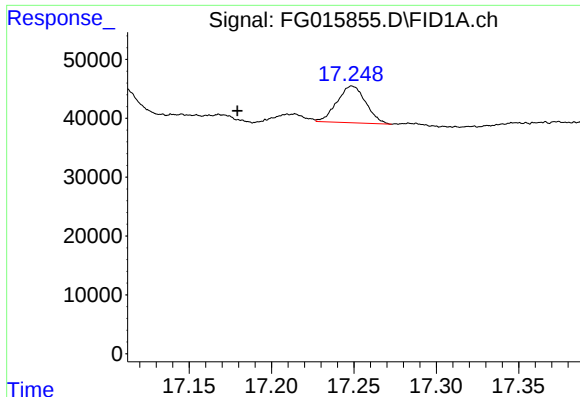
#12 1-chlorooctadecane (SURR)

R.T.: 13.336 min
Delta R.T.: -0.004 min
Response: 4197152
Conc: 36.43 ug/ml



#14 n-Tetracosane (C24)

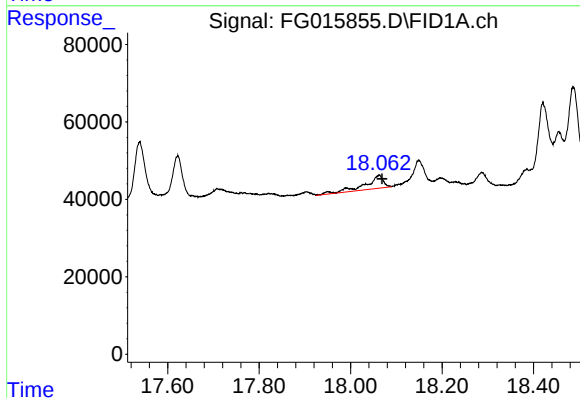
R.T.: 15.191 min
Delta R.T.: -0.011 min
Response: 214105
Conc: 1.77 ug/ml



#16 n-Octacosane (C28)

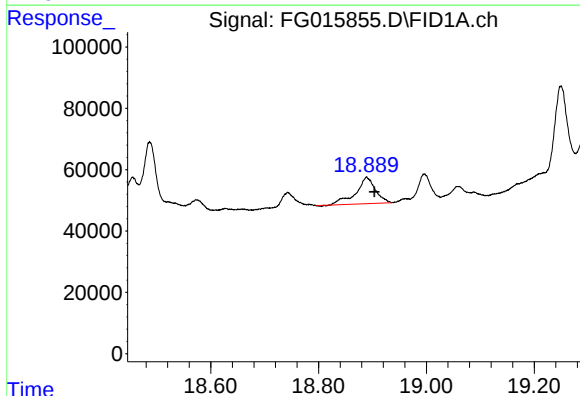
R.T.: 17.249 min
Delta R.T.: 0.070 min
Response: 75881
Conc: 0.64 ug/ml

Instrument :
FID_G
ClientSampleId :
3



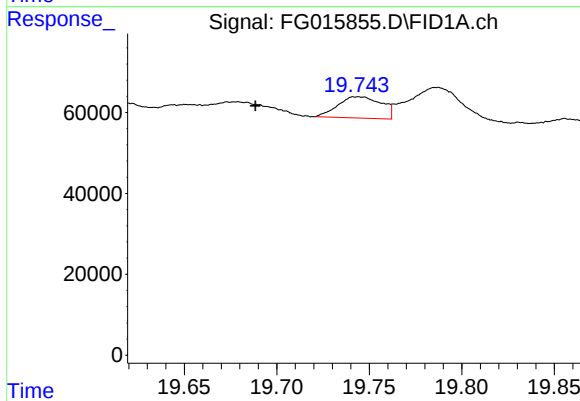
#17 n-Tricontane (C30)

R.T.: 18.063 min
Delta R.T.: -0.006 min
Response: 93234
Conc: 0.78 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.889 min
Delta R.T.: -0.014 min
Response: 216364
Conc: 1.83 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.743 min
Delta R.T.: 0.055 min
Response: 86244
Conc: 0.77 ug/ml