

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG051625AL\
 Data File : FG015853.D
 Signal(s) : FID1A.ch
 Acq On : 16 May 2025 16:24
 Operator : YP\AJ
 Sample : Q2021-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 1

Integration File: autoint1.e
 Quant Time: May 17 00:43:47 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	5679734	38.148 ug/ml
Spiked Amount 50.000		Recovery =	76.30%
12) S 1-chlorooctadecane (S...	13.335	4707869	40.867 ug/ml
Spiked Amount 50.000		Recovery =	81.73%
Target Compounds			
6) T n-Tetradecane (C14)	8.504	1587181	13.780 ug/ml
10) T n-Eicosane (C20)	12.953f	693677	5.660 ug/ml
11) T n-Heneicosane (C21)	13.542	68569	0.560 ug/ml
14) T n-Tetracosane (C24)	15.185	545185	4.501 ug/ml
15) T n-Hexacosane (C26)	16.282f	58805	0.491 ug/ml
16) T n-Octacosane (C28)	17.204	115052	0.976 ug/ml
17) T n-Tricontane (C30)	18.062	132926	1.119 ug/ml
18) T n-Dotriacontane (C32)	18.890	492357	4.168 ug/ml
19) T n-Tetratriacontane (C34)	19.683	107994	0.967 ug/ml
21) T n-Octatriacontane (C38)	21.151	105499	1.016 ug/ml
22) T n-Tetracontane (C40)	22.080	115007	1.128 ug/ml

(f)=RT Delta > 1/2 Window

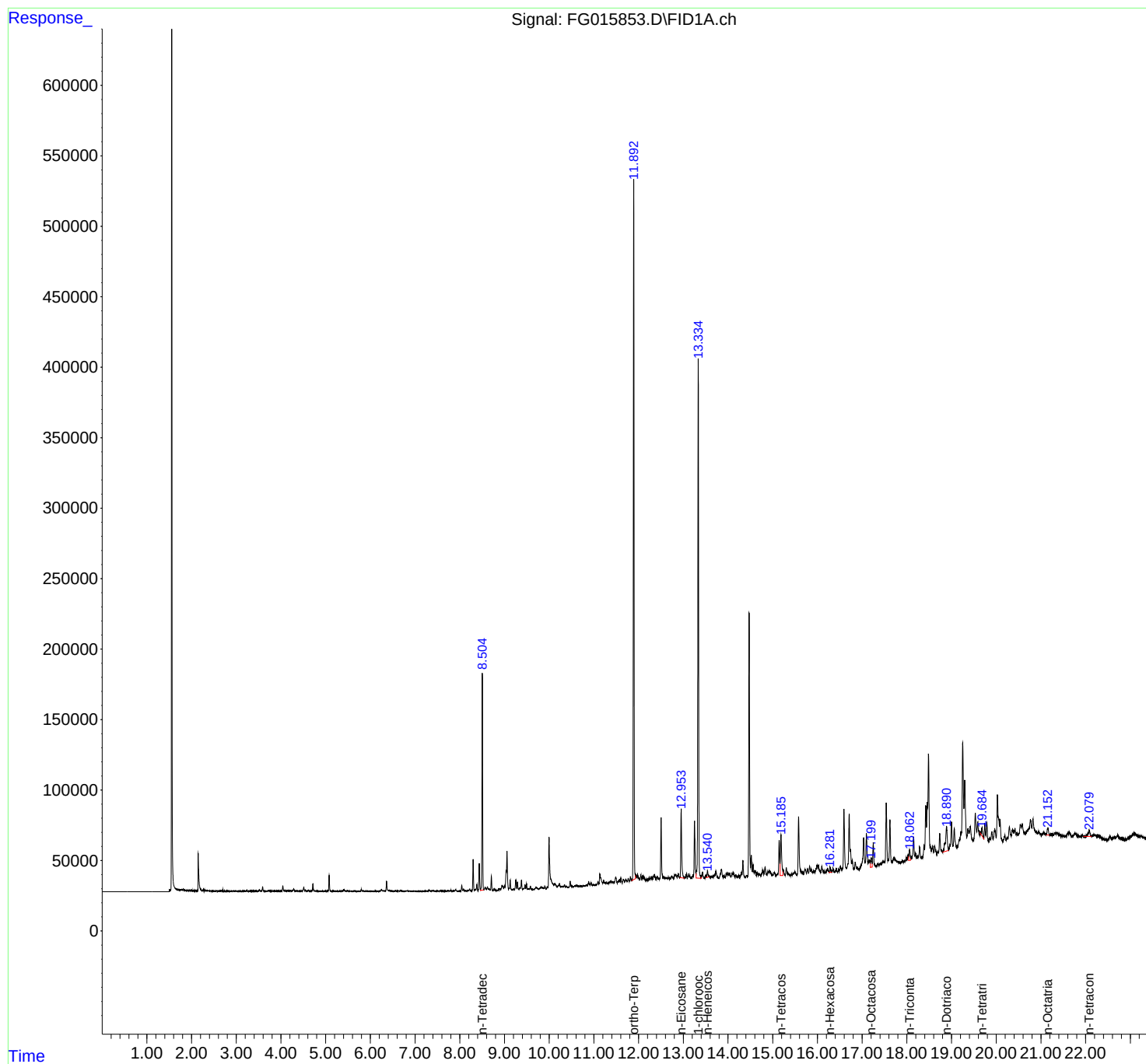
(m)=manual int.

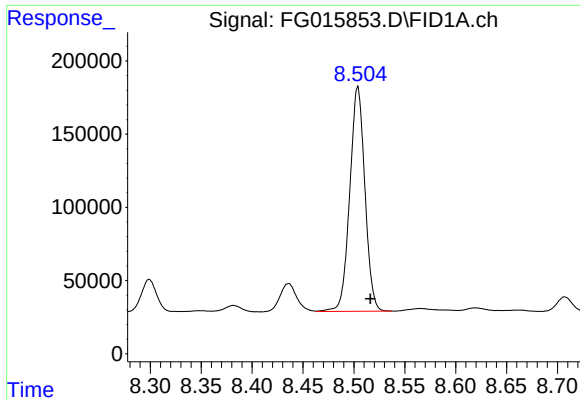
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Integration File: autoint1.e
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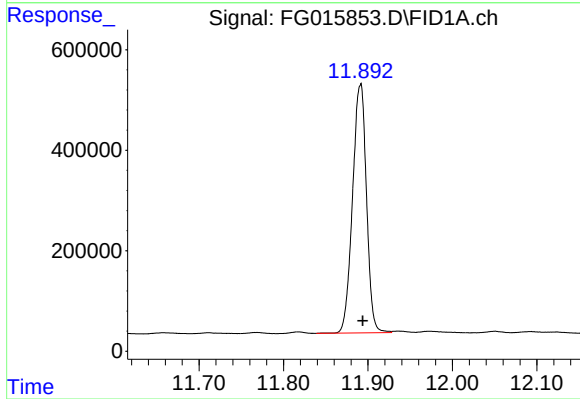




#6 n-Tetradecane (C14)

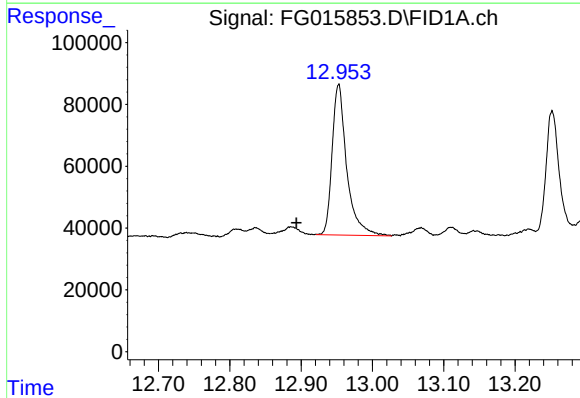
R.T.: 8.504 min
Delta R.T.: -0.012 min
Response: 1587181
Conc: 13.78 ug/ml

Instrument :
FID_G
ClientSampleId :
1



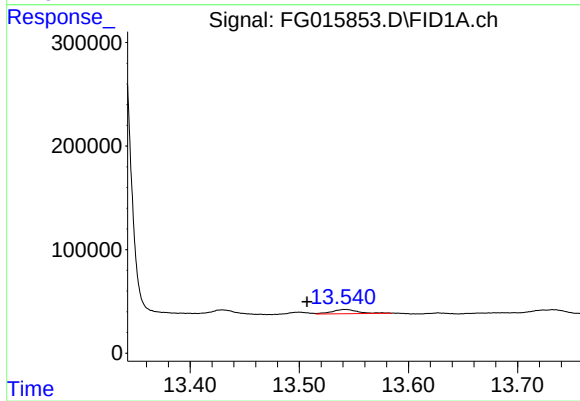
#9 ortho-Terphenyl (SURR)

R.T.: 11.891 min
Delta R.T.: -0.003 min
Response: 5679734
Conc: 38.15 ug/ml



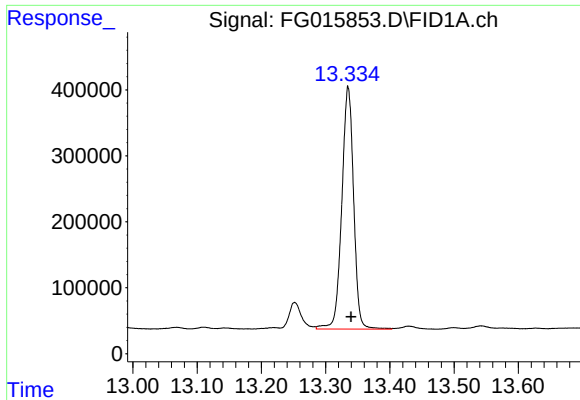
#10 n-Eicosane (C20)

R.T.: 12.953 min
Delta R.T.: 0.059 min
Response: 693677
Conc: 5.66 ug/ml



#11 n-Heneicosane (C21)

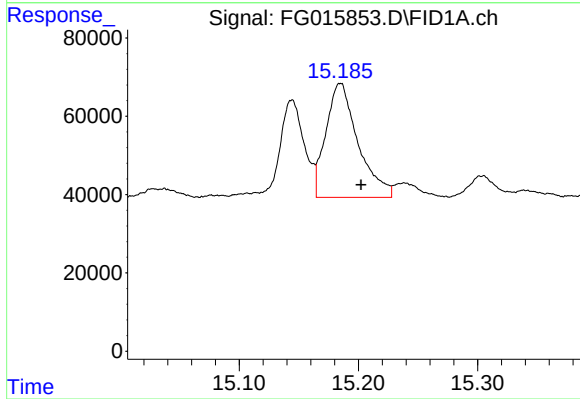
R.T.: 13.542 min
Delta R.T.: 0.035 min
Response: 68569
Conc: 0.56 ug/ml



#12 1-chlorooctadecane (SURR)

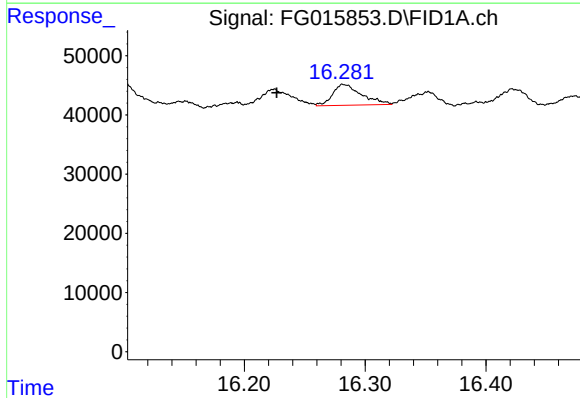
R.T.: 13.335 min
Delta R.T.: -0.004 min
Response: 4707869
Conc: 40.87 ug/ml

Instrument :
FID_G
ClientSampleId :
1



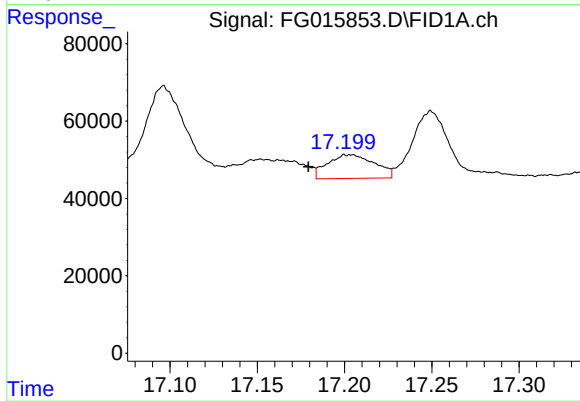
#14 n-Tetracosane (C24)

R.T.: 15.185 min
Delta R.T.: -0.017 min
Response: 545185
Conc: 4.50 ug/ml



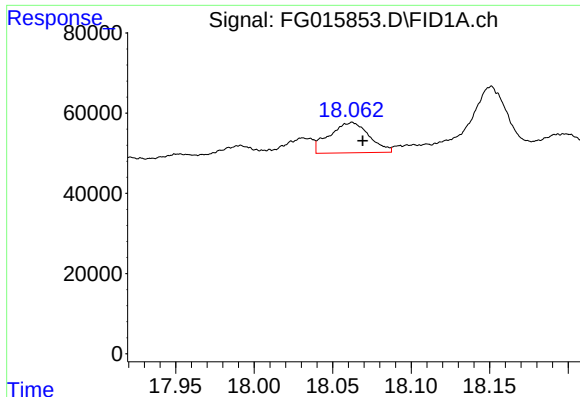
#15 n-Hexacosane (C26)

R.T.: 16.282 min
Delta R.T.: 0.055 min
Response: 58805
Conc: 0.49 ug/ml



#16 n-Octacosane (C28)

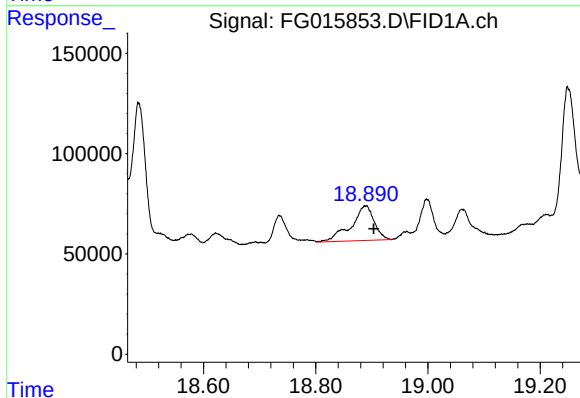
R.T.: 17.204 min
Delta R.T.: 0.025 min
Response: 115052
Conc: 0.98 ug/ml



#17 n-Tricontane (C30)

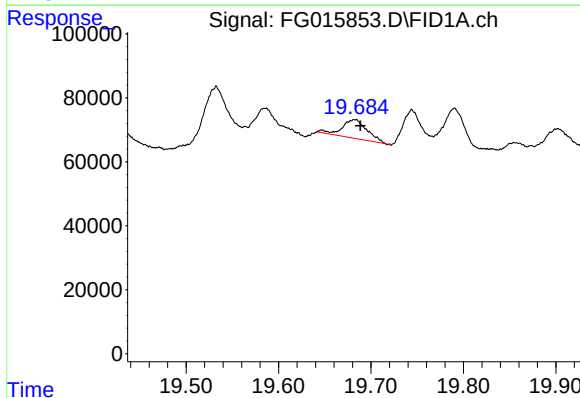
R.T.: 18.062 min
Delta R.T.: -0.007 min
Response: 132926
Conc: 1.12 ug/ml

Instrument :
FID_G
ClientSampleId :
1



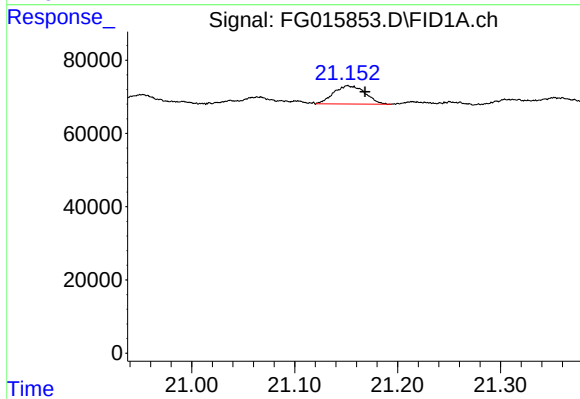
#18 n-Dotriacontane (C32)

R.T.: 18.890 min
Delta R.T.: -0.013 min
Response: 492357
Conc: 4.17 ug/ml



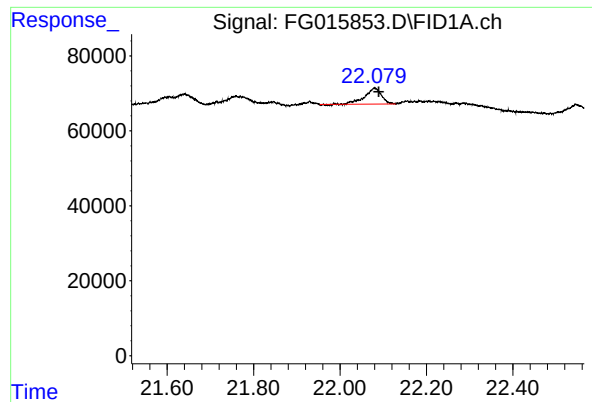
#19 n-Tetratriacontane (C34)

R.T.: 19.683 min
Delta R.T.: -0.006 min
Response: 107994
Conc: 0.97 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.151 min
Delta R.T.: -0.017 min
Response: 105499
Conc: 1.02 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.080 min
Delta R.T.: -0.010 min
Response: 115007
Conc: 1.13 ug/ml

Instrument :
FID_G
ClientSampleId :
1