

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040125AL\
 Data File : FE053110.D
 Signal(s) : FID1B.ch
 Acq On : 02 Apr 2025 00:28
 Operator : YP\AJ
 Sample : Q1687-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 72-12016

Integration File: autoint1.e
 Quant Time: Apr 02 04:51:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 31 02:44:53 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	5208158	31.975 ug/ml
Spiked Amount 50.000		Recovery =	63.95%
12) S 1-chlorooctadecane (S...	13.335	4007247	33.381 ug/ml
Spiked Amount 50.000		Recovery =	66.76%
Target Compounds			
10) T n-Eicosane (C20)	12.946f	1480791	10.386 ug/ml
13) T n-Docosane (C22)	14.115	187499	1.369 ug/ml
14) T n-Tetracosane (C24)	15.171	810772	6.003 ug/ml
16) T n-Octacosane (C28)	17.177	226833	1.719 ug/ml
17) T n-Tricontane (C30)	18.058	197950	1.460 ug/ml
18) T n-Dotriacontane (C32)	18.894	251260	1.867 ug/ml
19) T n-Tetratriacontane (C34)	19.679	315949	2.442 ug/ml
20) T n-Hexatriacontane (C36)	20.420	285987	2.408 ug/ml
21) T n-Octatriacontane (C38)	21.158	236325	2.056 ug/ml

(f)=RT Delta > 1/2 Window

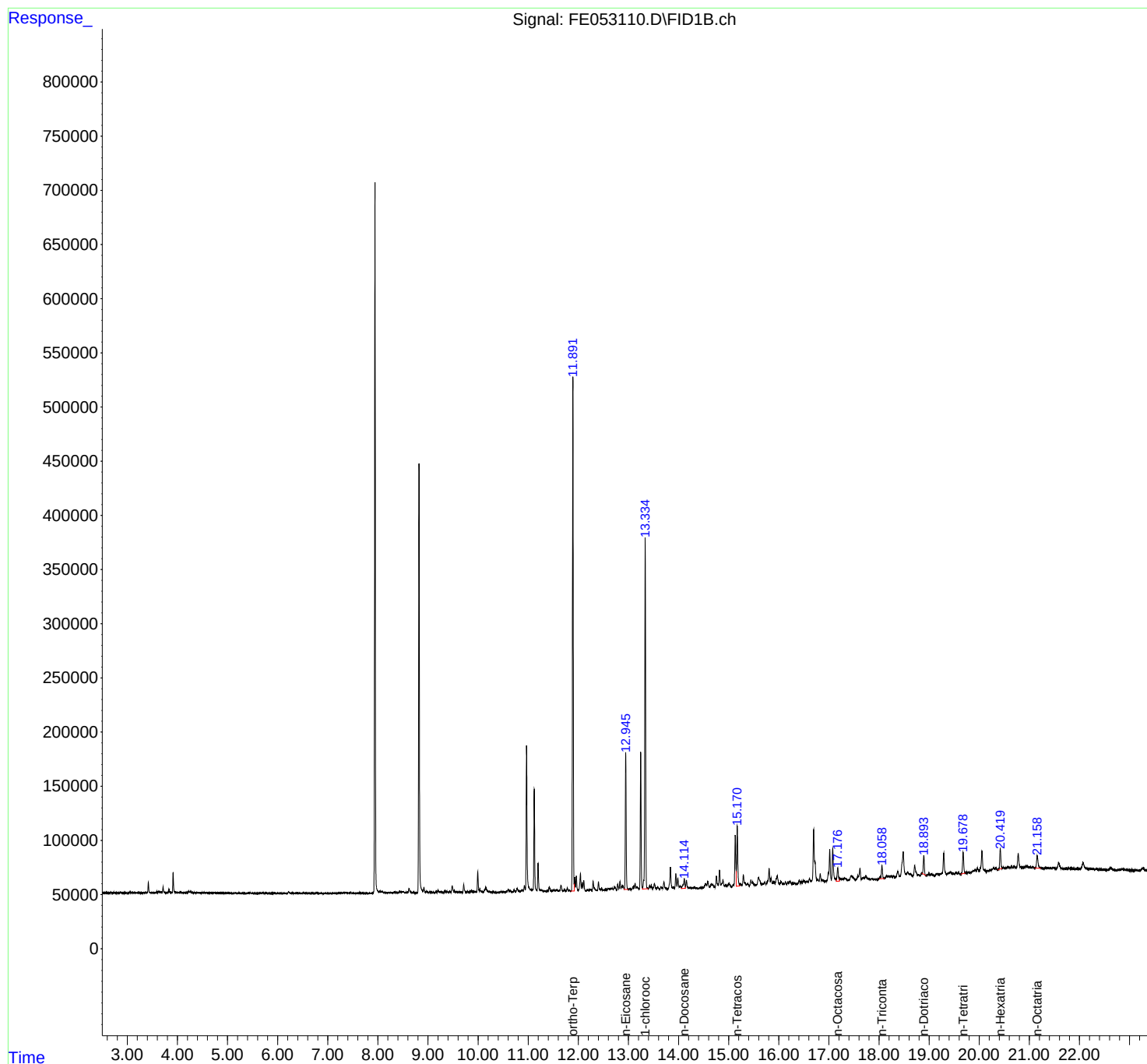
(m)=manual int.

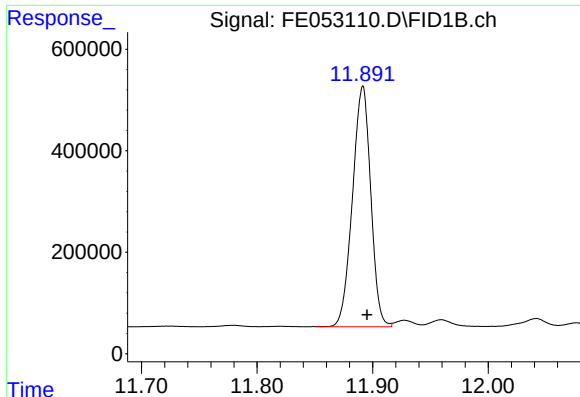
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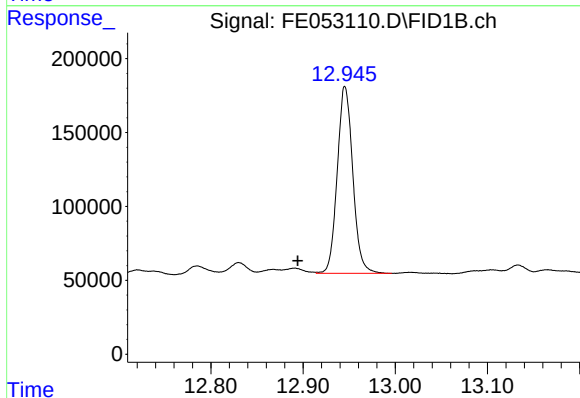




#9 ortho-Terphenyl (SURR)

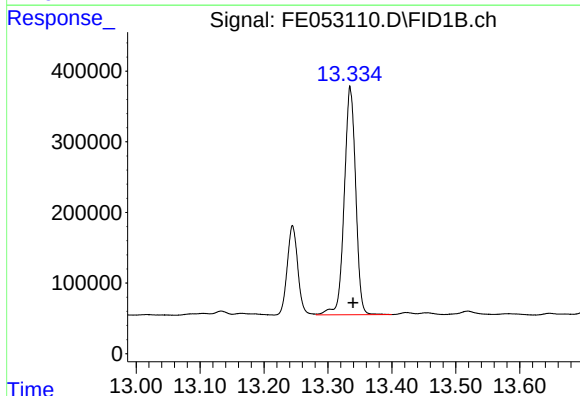
R.T.: 11.891 min
Delta R.T.: -0.004 min
Response: 5208158
Conc: 31.97 ug/ml

Instrument :
FID_E
ClientSampleId :
72-12016



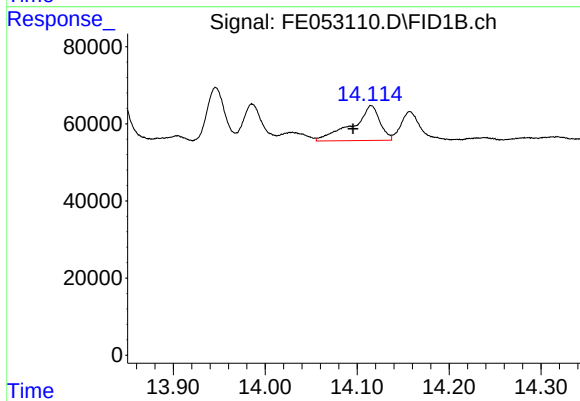
#10 n-Eicosane (C20)

R.T.: 12.946 min
Delta R.T.: 0.052 min
Response: 1480791
Conc: 10.39 ug/ml



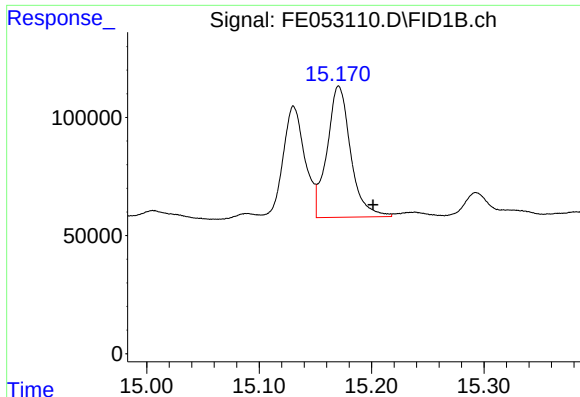
#12 1-chlorooctadecane (SURR)

R.T.: 13.335 min
Delta R.T.: -0.005 min
Response: 4007247
Conc: 33.38 ug/ml



#13 n-Docosane (C22)

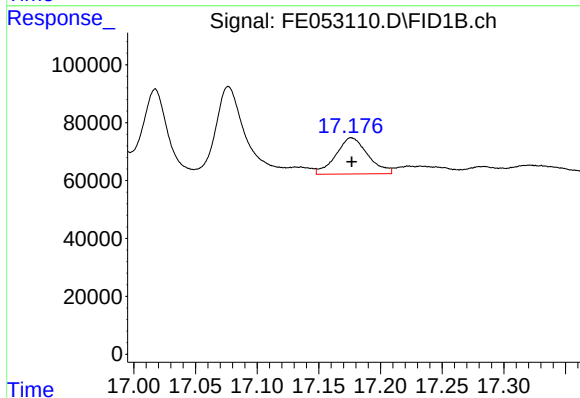
R.T.: 14.115 min
Delta R.T.: 0.020 min
Response: 187499
Conc: 1.37 ug/ml



#14 n-Tetracosane (C24)

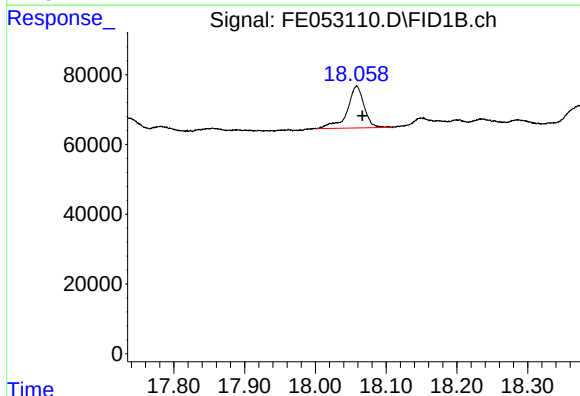
R.T.: 15.171 min
Delta R.T.: -0.030 min
Response: 810772
Conc: 6.00 ug/ml

Instrument :
FID_E
ClientSampleId :
72-12016



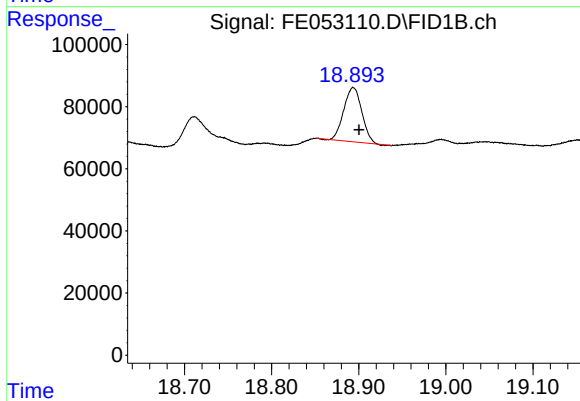
#16 n-Octacosane (C28)

R.T.: 17.177 min
Delta R.T.: 0.000 min
Response: 226833
Conc: 1.72 ug/ml



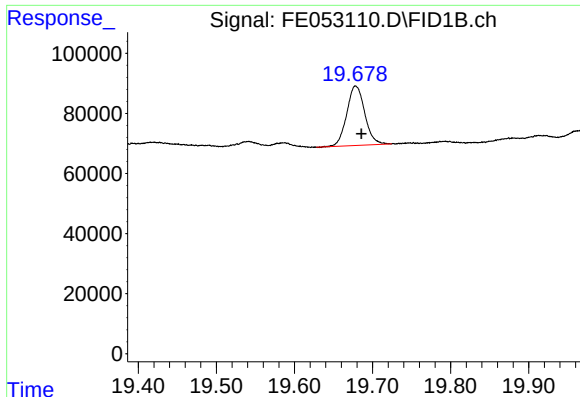
#17 n-Tricontane (C30)

R.T.: 18.058 min
Delta R.T.: -0.008 min
Response: 197950
Conc: 1.46 ug/ml



#18 n-Dotriacontane (C32)

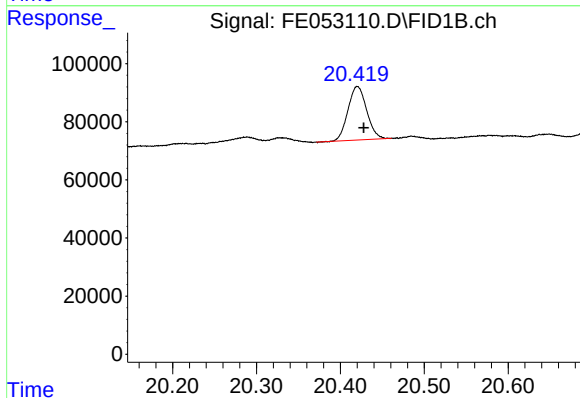
R.T.: 18.894 min
Delta R.T.: -0.007 min
Response: 251260
Conc: 1.87 ug/ml



#19 n-Tetratriacontane (C34)

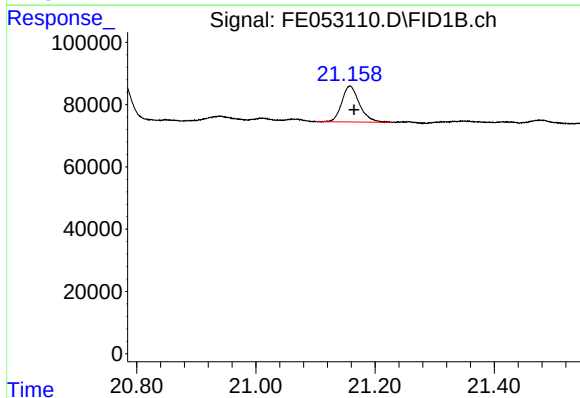
R.T.: 19.679 min
Delta R.T.: -0.007 min
Response: 315949
Conc: 2.44 ug/ml

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#20 n-Hexatriacontane (C36)

R.T.: 20.420 min
Delta R.T.: -0.007 min
Response: 285987
Conc: 2.41 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.158 min
Delta R.T.: -0.007 min
Response: 236325
Conc: 2.06 ug/ml