

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE022725AL\
 Data File : FE052540.D
 Signal(s) : FID1B.ch
 Acq On : 27 Feb 2025 17:53
 Operator : YP\AJ
 Sample : Q1442-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 351

Integration File: autoint1.e
 Quant Time: Feb 28 03:23:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 021325.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 14 00:50:00 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)	11.926	8101857	43.341 ug/ml
Spiked Amount 50.000		Recovery =	86.68%
12) S 1-chlorooctadecane (S...	13.371	6525154	46.945 ug/ml
Spiked Amount 50.000		Recovery =	93.89%
Target Compounds			
2) T n-Decane (C10)	4.532	75720	0.485 ug/ml
10) T n-Eicosane (C20)	12.865f	122009	0.765 ug/ml
13) T n-Docosane (C22)	14.151	160470	1.025 ug/ml
14) T n-Tetracosane (C24)	15.207	520528	3.310 ug/ml
16) T n-Octacosane (C28)	17.214	163818	1.071 ug/ml
17) T n-Tricontane (C30)	18.099	392049	2.512 ug/ml
18) T n-Dotriacontane (C32)	18.932	78896	0.516 ug/ml
19) T n-Tetratriacontane (C34)	19.789f	197923	1.391 ug/ml
22) T n-Tetracontane (C40)	22.114	733193	7.289 ug/ml

(f)=RT Delta > 1/2 Window

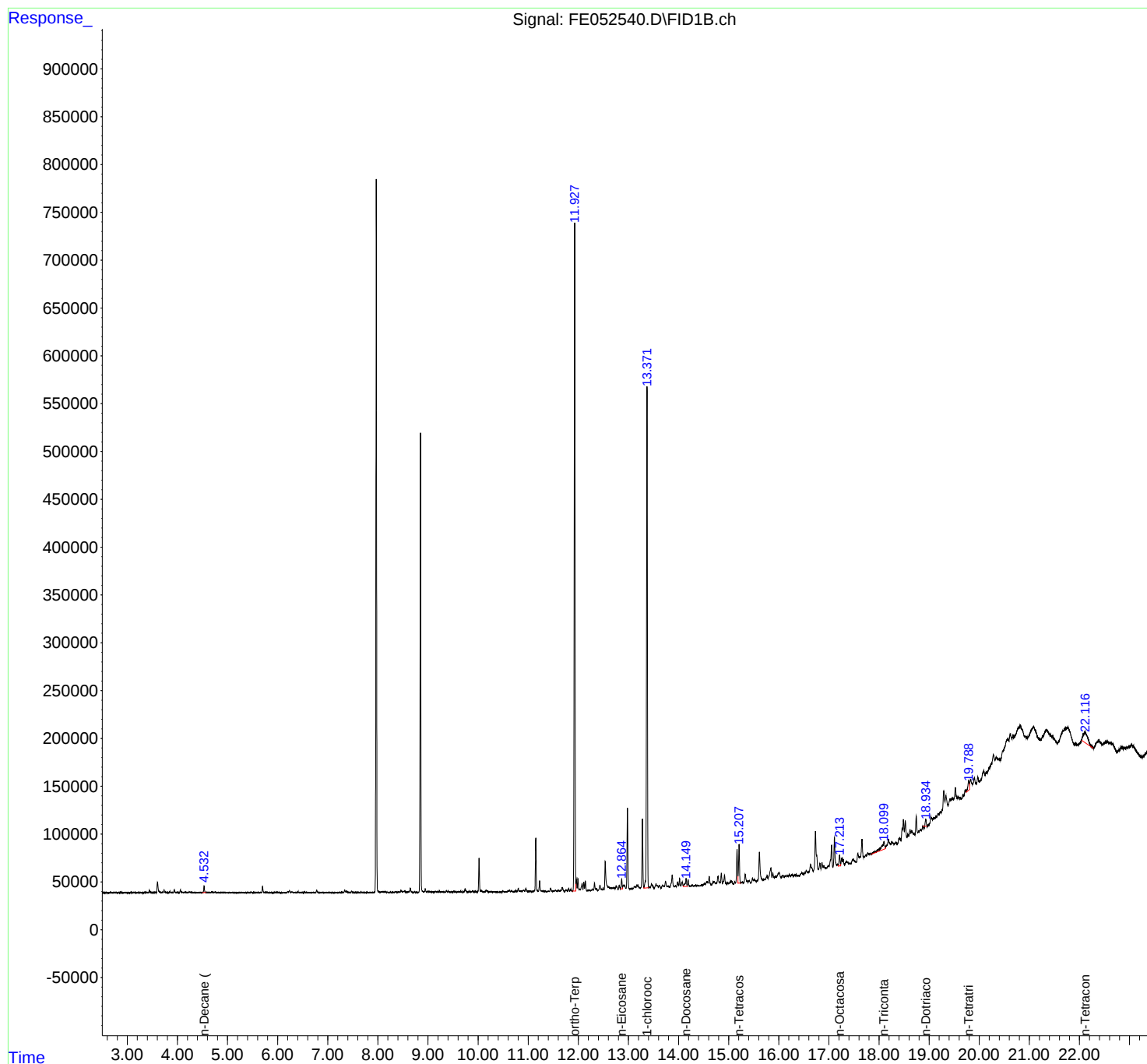
(m)=manual int.

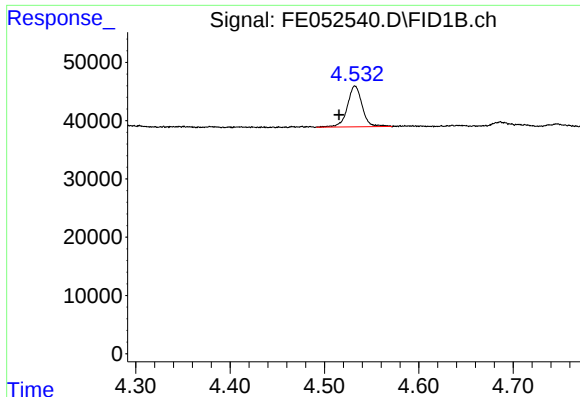
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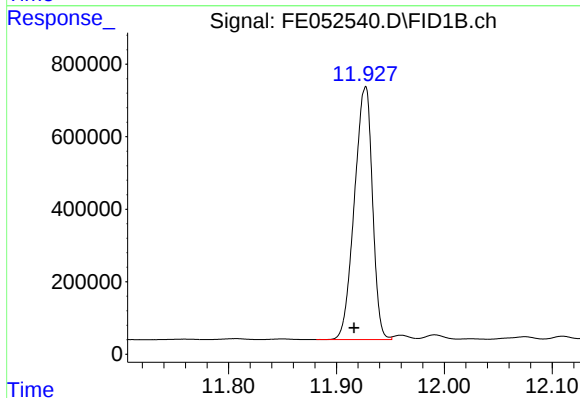




#2 n-Decane (C10)

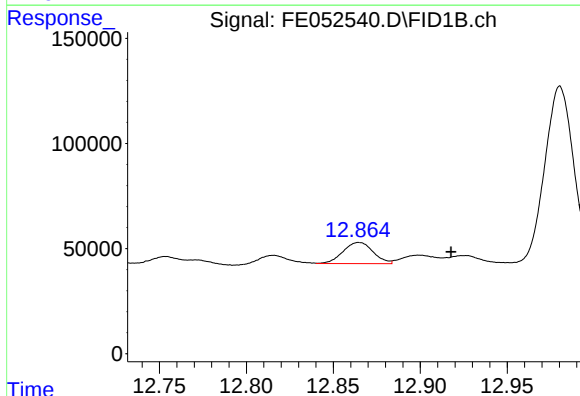
R.T.: 4.532 min
Delta R.T.: 0.017 min
Response: 75720
Conc: 0.48 ug/ml

Instrument :
FID_E
ClientSampleId :
351



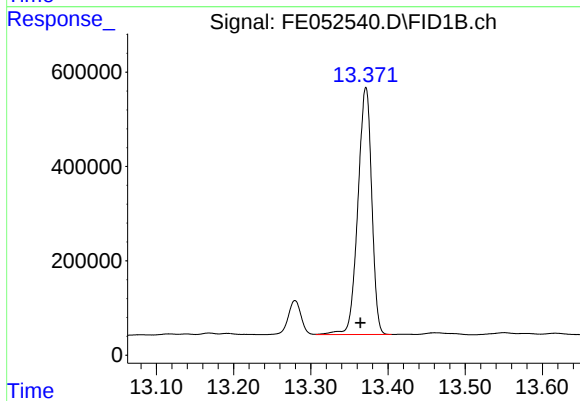
#9 ortho-Terphenyl (SURR)

R.T.: 11.926 min
Delta R.T.: 0.010 min
Response: 8101857
Conc: 43.34 ug/ml



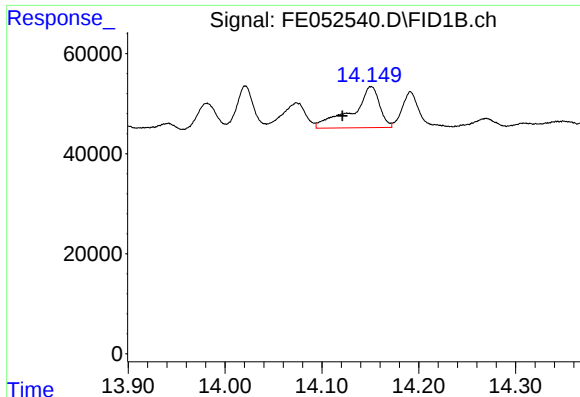
#10 n-Eicosane (C20)

R.T.: 12.865 min
Delta R.T.: -0.053 min
Response: 122009
Conc: 0.77 ug/ml



#12 1-chlorooctadecane (SURR)

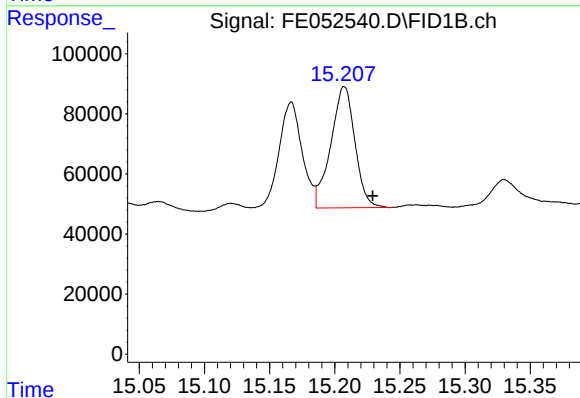
R.T.: 13.371 min
Delta R.T.: 0.007 min
Response: 6525154
Conc: 46.94 ug/ml



#13 n-Docosane (C22)

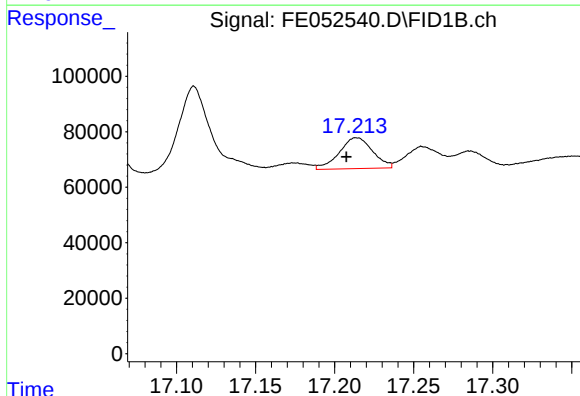
R.T.: 14.151 min
Delta R.T.: 0.030 min
Response: 160470
Conc: 1.03 ug/ml

Instrument :
FID_E
ClientSampleId :
351



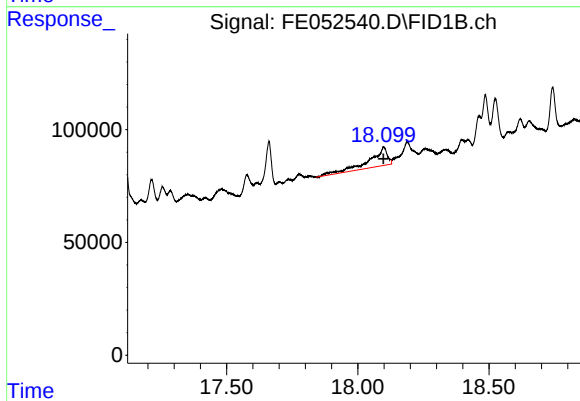
#14 n-Tetracosane (C24)

R.T.: 15.207 min
Delta R.T.: -0.022 min
Response: 520528
Conc: 3.31 ug/ml



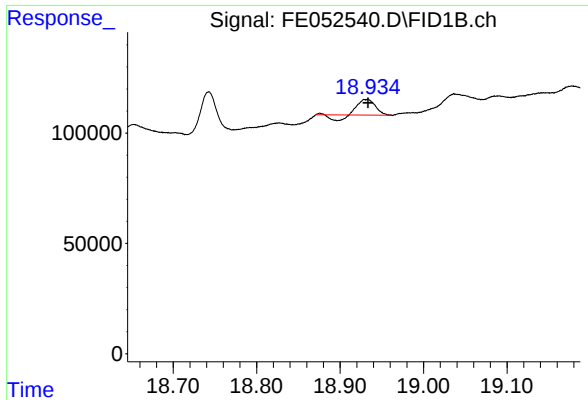
#16 n-Octacosane (C28)

R.T.: 17.214 min
Delta R.T.: 0.006 min
Response: 163818
Conc: 1.07 ug/ml



#17 n-Tricontane (C30)

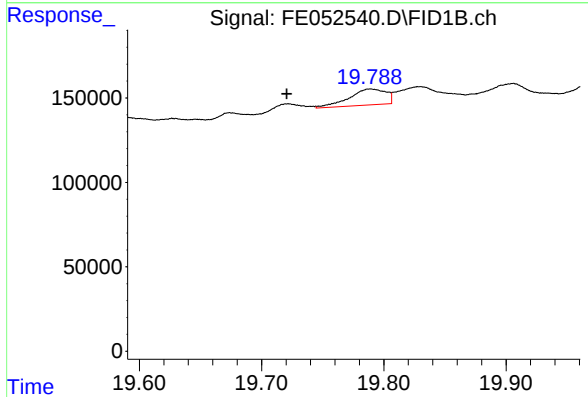
R.T.: 18.099 min
Delta R.T.: 0.002 min
Response: 392049
Conc: 2.51 ug/ml



#18 n-Dotriacontane (C32)

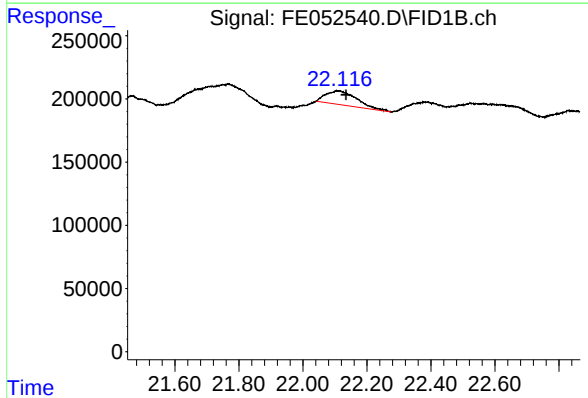
R.T.: 18.932 min
Delta R.T.: -0.002 min
Response: 78896
Conc: 0.52 ug/ml

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#19 n-Tetratriacontane (C34)

R.T.: 19.789 min
Delta R.T.: 0.069 min
Response: 197923
Conc: 1.39 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.114 min
Delta R.T.: -0.022 min
Response: 733193
Conc: 7.29 ug/ml