

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040825AL\
 Data File : FE053248.D
 Signal(s) : FID1B.ch
 Acq On : 08 Apr 2025 21:38
 Operator : YP\AJ
 Sample : Q1745-01D
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 09 05:08:54 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)	11.895	6467994	39.709 ug/ml
Spiked Amount 50.000		Recovery =	79.42%
12) S 1-chlorooctadecane (S...	13.339	5351109	44.576 ug/ml
Spiked Amount 50.000		Recovery =	89.15%
Target Compounds			
10) T n-Eicosane (C20)	12.892	177938	1.248 ug/ml
11) T n-Heneicosane (C21)	13.523	178005	1.283 ug/ml
13) T n-Docosane (C22)	14.094	143032	1.044 ug/ml
14) T n-Tetracosane (C24)	15.180	1037443	7.681 ug/ml
15) T n-Hexacosane (C26)	16.226	221277	1.659 ug/ml
16) T n-Octacosane (C28)	17.187	606423	4.595 ug/ml
17) T n-Tricontane (C30)	18.065	233639	1.724 ug/ml
18) T n-Dotriacontane (C32)	18.900	330863	2.459 ug/ml
19) T n-Tetratriacontane (C34)	19.686	244218	1.887 ug/ml
20) T n-Hexatriacontane (C36)	20.426	150290	1.265 ug/ml

(f)=RT Delta > 1/2 Window

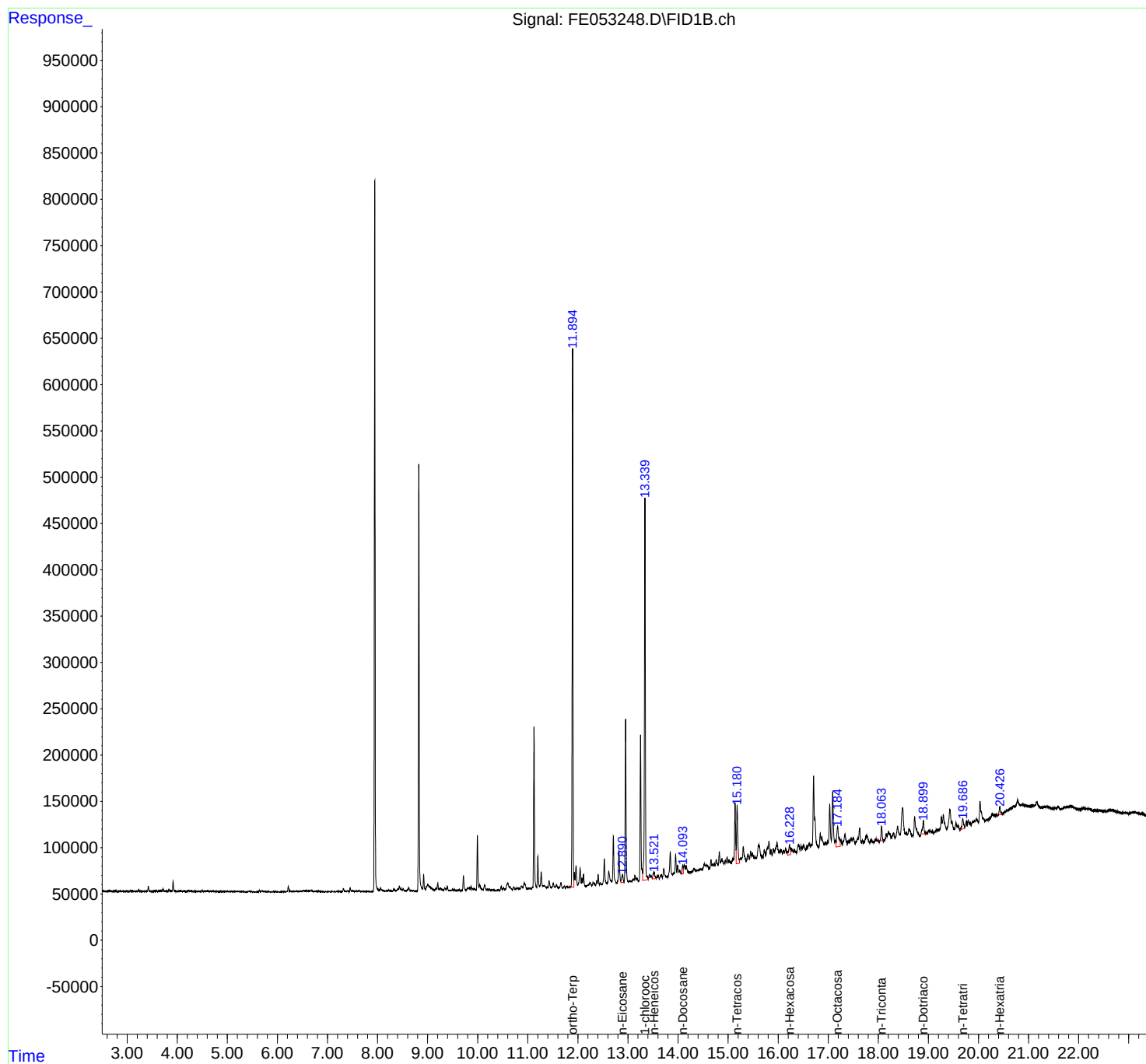
(m)=manual int.

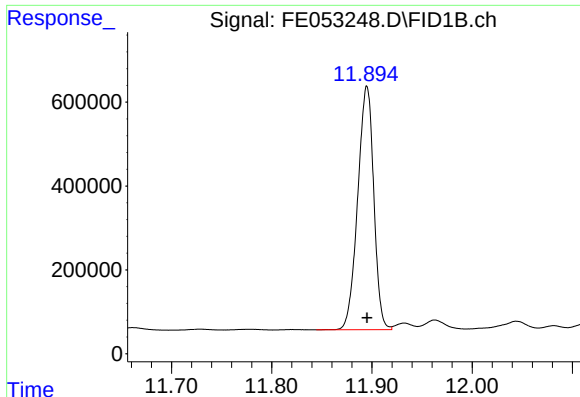
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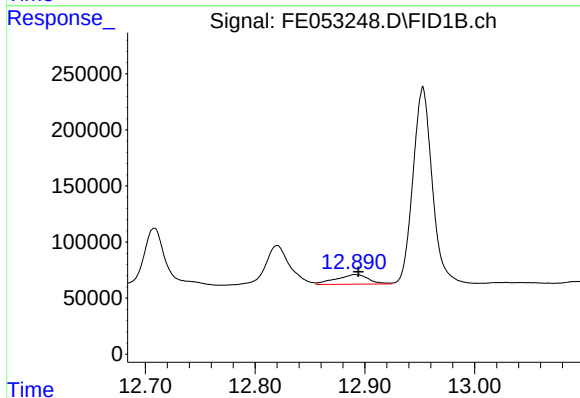




#9 ortho-Terphenyl (SURR)

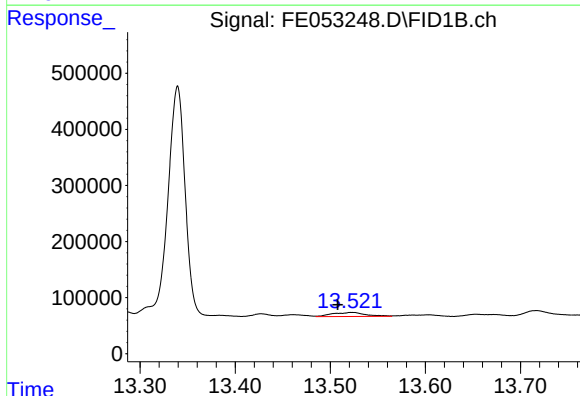
R.T.: 11.895 min
Delta R.T.: 0.000 min
Response: 6467994
Conc: 39.71 ug/ml

Instrument :
FID_E
ClientSampleId :



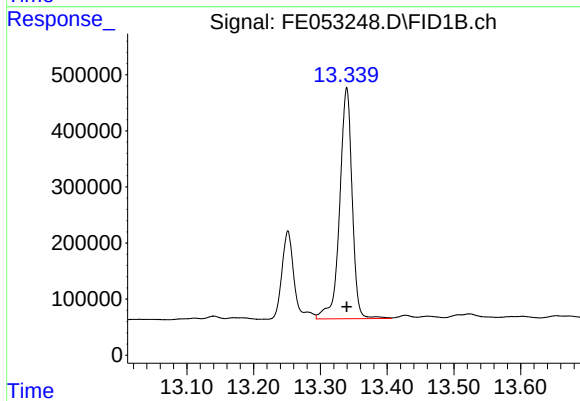
#10 n-Eicosane (C20)

R.T.: 12.892 min
Delta R.T.: -0.002 min
Response: 177938
Conc: 1.25 ug/ml



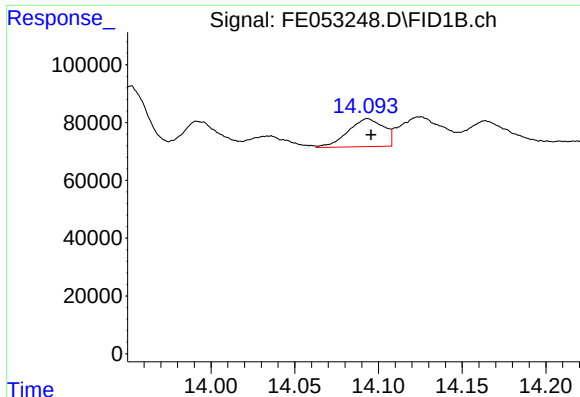
#11 n-Heneicosane (C21)

R.T.: 13.523 min
Delta R.T.: 0.015 min
Response: 178005
Conc: 1.28 ug/ml



#12 1-chlorooctadecane (SURR)

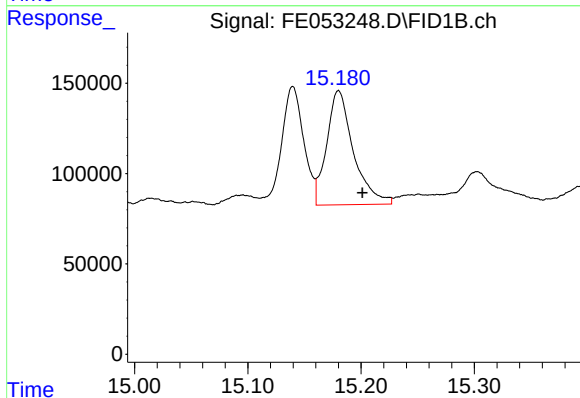
R.T.: 13.339 min
Delta R.T.: 0.000 min
Response: 5351109
Conc: 44.58 ug/ml



#13 n-Docosane (C22)

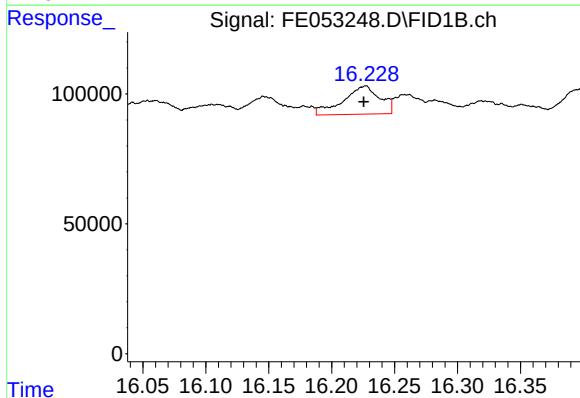
R.T.: 14.094 min
Delta R.T.: -0.002 min
Response: 143032
Conc: 1.04 ug/ml

Instrument :
FID_E
ClientSampleId :



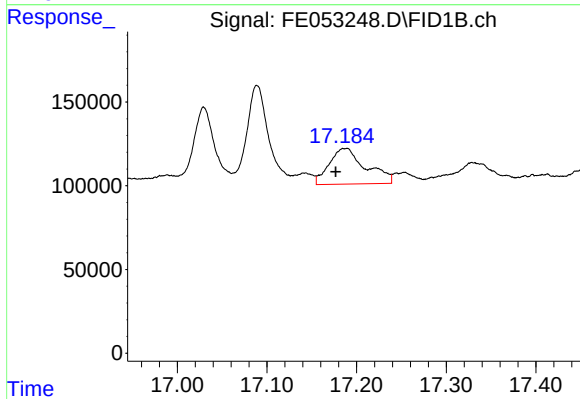
#14 n-Tetracosane (C24)

R.T.: 15.180 min
Delta R.T.: -0.021 min
Response: 1037443
Conc: 7.68 ug/ml



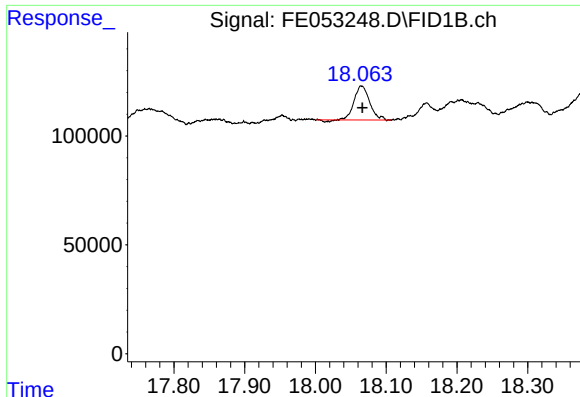
#15 n-Hexacosane (C26)

R.T.: 16.226 min
Delta R.T.: 0.000 min
Response: 221277
Conc: 1.66 ug/ml



#16 n-Octacosane (C28)

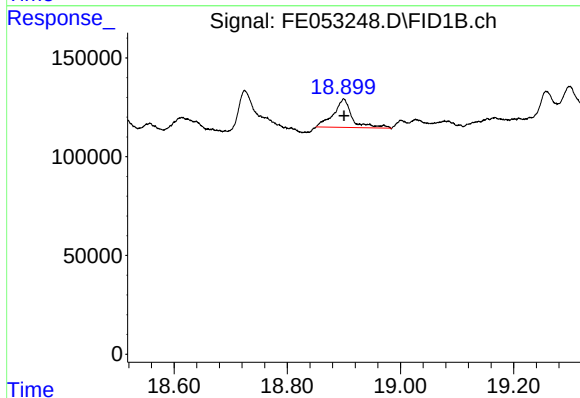
R.T.: 17.187 min
Delta R.T.: 0.011 min
Response: 606423
Conc: 4.60 ug/ml



#17 n-Tricontane (C30)

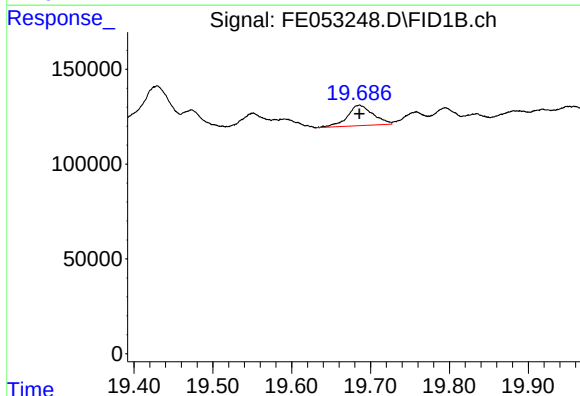
R.T.: 18.065 min
Delta R.T.: 0.000 min
Response: 233639
Conc: 1.72 ug/ml

Instrument :
FID_E
ClientSampleId :



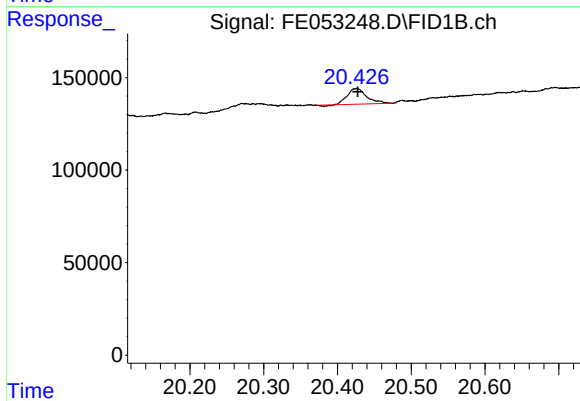
#18 n-Dotriacontane (C32)

R.T.: 18.900 min
Delta R.T.: 0.000 min
Response: 330863
Conc: 2.46 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.686 min
Delta R.T.: 0.000 min
Response: 244218
Conc: 1.89 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.426 min
Delta R.T.: -0.002 min
Response: 150290
Conc: 1.27 ug/ml