

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE033125AL\
 Data File : FE053079.D
 Signal(s) : FID1B.ch
 Acq On : 31 Mar 2025 19:03
 Operator : YP\AJ
 Sample : Q1675-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 01 01:42:24 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)	11.908	10334563	63.448 ug/ml
Spiked Amount 50.000		Recovery =	126.90%
12) S 1-chlorooctadecane (S...	13.354	12153900	101.245 ug/ml
Spiked Amount 50.000		Recovery =	202.49%
Target Compounds			
6) T n-Tetradecane (C14)	8.521	165921	1.084 ug/ml
7) T n-Hexadecane (C16)	10.137	258588	1.678 ug/ml
8) T n-Octadecane (C18)	11.562	3985609	26.279 ug/ml
10) T n-Eicosane (C20)	12.906	4686698	32.872 ug/ml
11) T n-Heneicosane (C21)	13.523	2342588	16.881 ug/ml
13) T n-Docosane (C22)	14.094	5022602	36.673 ug/ml
14) T n-Tetracosane (C24)	15.221	1880167	13.921 ug/ml
16) T n-Octacosane (C28)	17.232f	238278	1.806 ug/ml
17) T n-Tricontane (C30)	18.071	120623	0.890 ug/ml
18) T n-Dotriacontane (C32)	18.904	221623	1.647 ug/ml
19) T n-Tetratriacontane (C34)	19.691	184068	1.423 ug/ml
20) T n-Hexatriacontane (C36)	20.433	145299	1.223 ug/ml

(f)=RT Delta > 1/2 Window

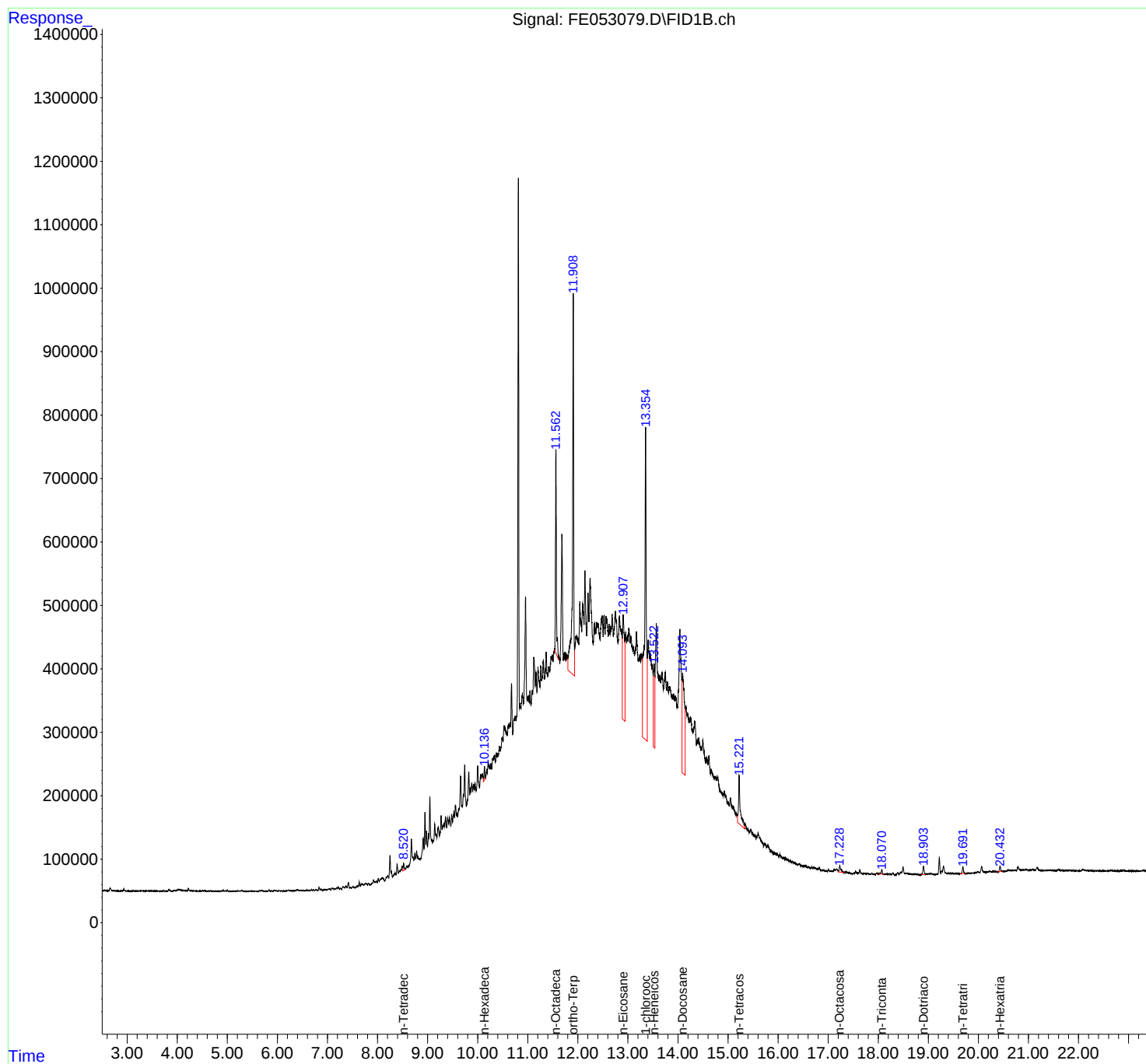
(m)=manual int.

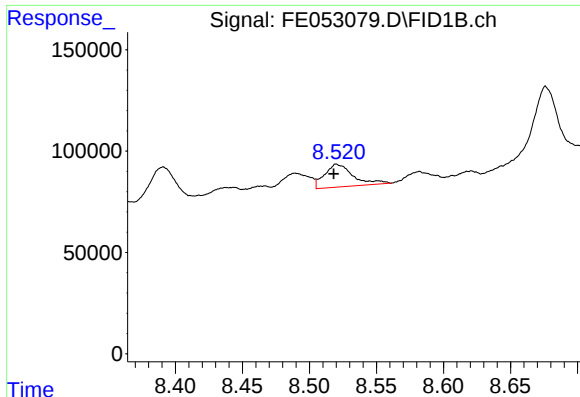
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE033125AL\
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Operator : YP\AJ
Sample : Q1675-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

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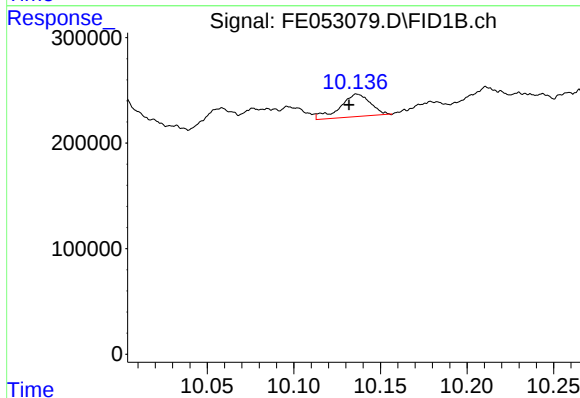




#6 n-Tetradecane (C14)

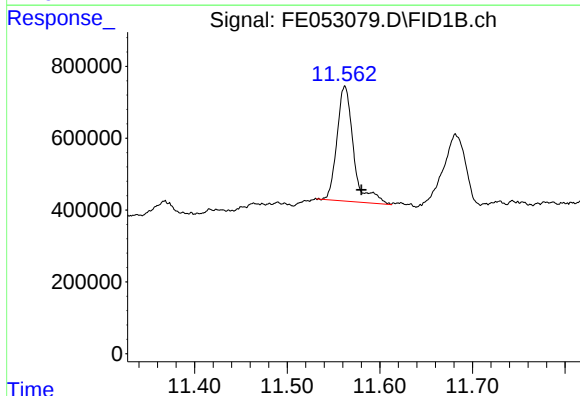
R.T.: 8.521 min
Delta R.T.: 0.003 min
Response: 165921
Conc: 1.08 ug/ml

Instrument :
FID_E
ClientSampleId :



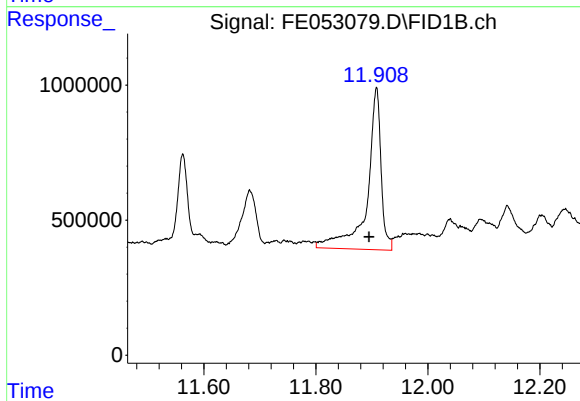
#7 n-Hexadecane (C16)

R.T.: 10.137 min
Delta R.T.: 0.005 min
Response: 258588
Conc: 1.68 ug/ml



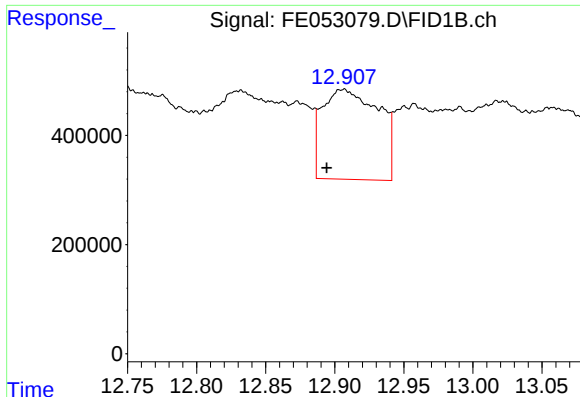
#8 n-Octadecane (C18)

R.T.: 11.562 min
Delta R.T.: -0.018 min
Response: 3985609
Conc: 26.28 ug/ml



#9 ortho-Terphenyl (SURR)

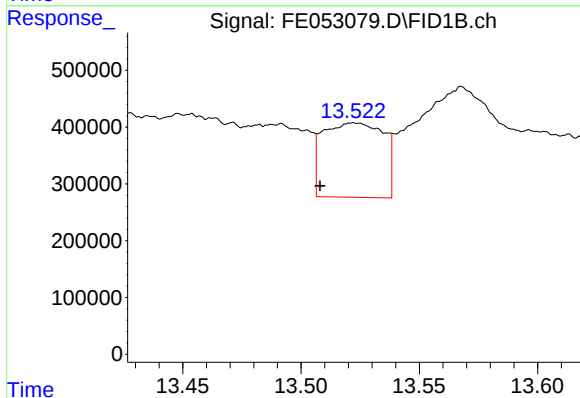
R.T.: 11.908 min
Delta R.T.: 0.013 min
Response: 10334563
Conc: 63.45 ug/ml



#10 n-Eicosane (C20)

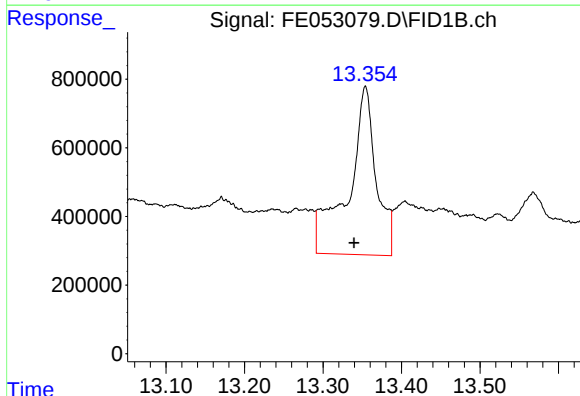
R.T.: 12.906 min
Delta R.T.: 0.012 min
Response: 4686698
Conc: 32.87 ug/ml

Instrument :
FID_E
ClientSampleId :



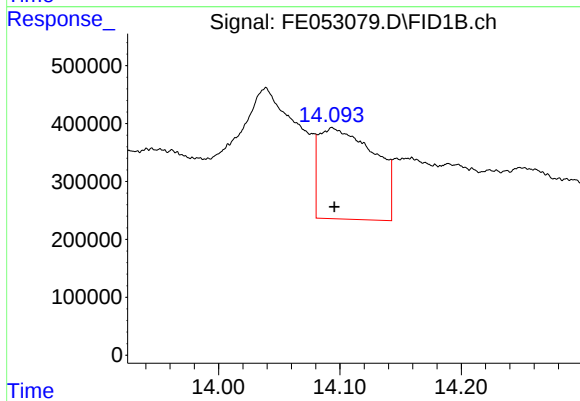
#11 n-Heneicosane (C21)

R.T.: 13.523 min
Delta R.T.: 0.015 min
Response: 2342588
Conc: 16.88 ug/ml



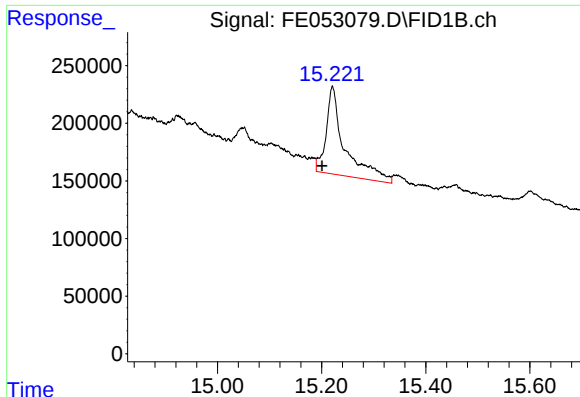
#12 1-chlorooctadecane (SURR)

R.T.: 13.354 min
Delta R.T.: 0.014 min
Response: 12153900
Conc: 101.24 ug/ml



#13 n-Docosane (C22)

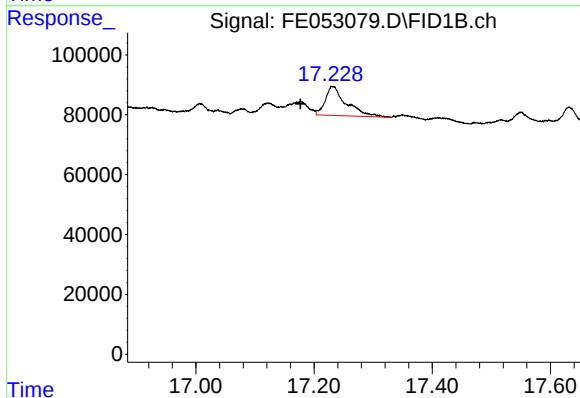
R.T.: 14.094 min
Delta R.T.: -0.001 min
Response: 5022602
Conc: 36.67 ug/ml



#14 n-Tetracosane (C24)

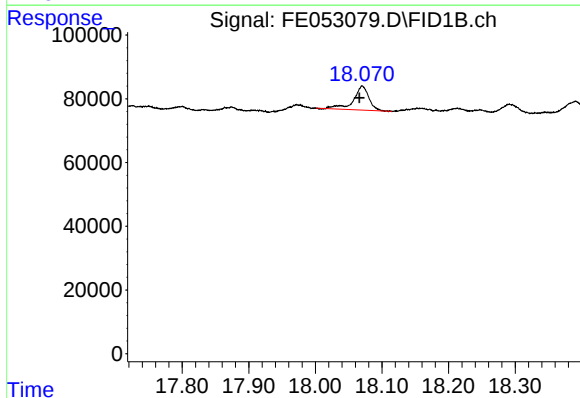
R.T.: 15.221 min
Delta R.T.: 0.020 min
Response: 1880167
Conc: 13.92 ug/ml

Instrument :
FID_E
ClientSampleId :



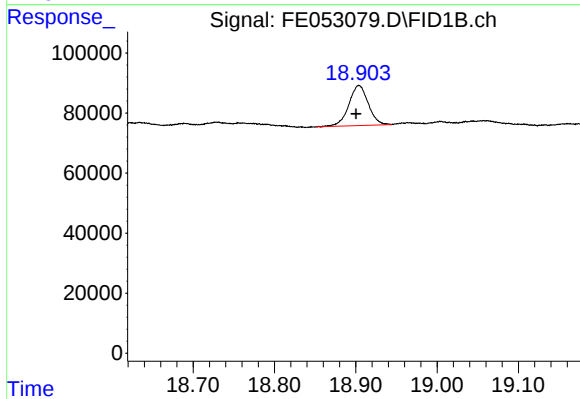
#16 n-Octacosane (C28)

R.T.: 17.232 min
Delta R.T.: 0.055 min
Response: 238278
Conc: 1.81 ug/ml



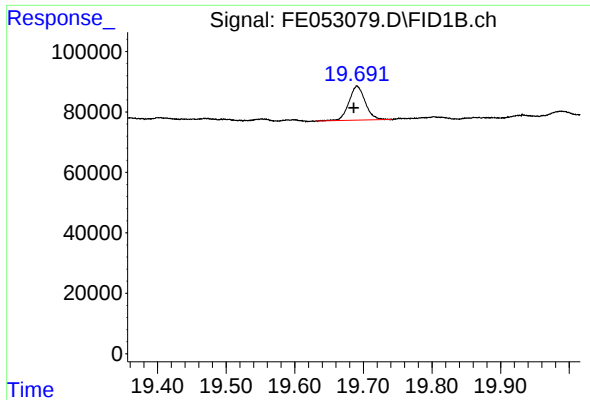
#17 n-Tricontane (C30)

R.T.: 18.071 min
Delta R.T.: 0.004 min
Response: 120623
Conc: 0.89 ug/ml



#18 n-Dotriacontane (C32)

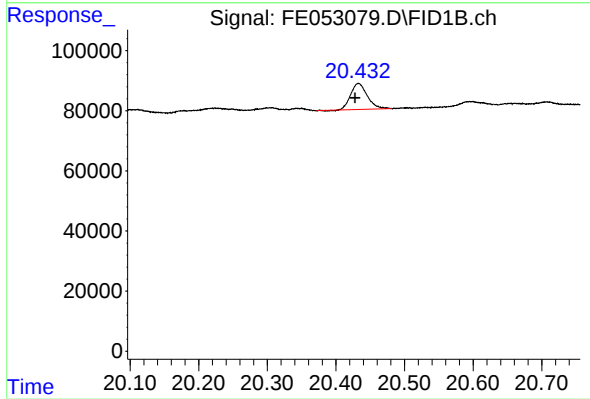
R.T.: 18.904 min
Delta R.T.: 0.003 min
Response: 221623
Conc: 1.65 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.691 min
Delta R.T.: 0.005 min
Response: 184068
Conc: 1.42 ug/ml

Instrument :
FID_E
ClientSampleId :



#20 n-Hexatriacontane (C36)

R.T.: 20.433 min
Delta R.T.: 0.005 min
Response: 145299
Conc: 1.22 ug/ml