

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE031425AL\
 Data File : FE052797.D
 Signal(s) : FID1B.ch
 Acq On : 14 Mar 2025 09:22
 Operator : YP\AJ
 Sample : Q1553-01DL 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 14 23:27:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 030325.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 03 13:39:39 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)	11.931	55828983	331.159 ug/ml
Spiked Amount 50.000		Recovery =	662.32%
12) S 1-chlorooctadecane (S...	13.376	33161113	273.097 ug/ml
Spiked Amount 50.000		Recovery =	546.19%
Target Compounds			
5) T A~2-methylnaphthalene...	7.322	140816	0.869 ug/ml
6) T n-Tetradecane (C14)	8.534	1065477	7.042 ug/ml
7) T n-Hexadecane (C16)	10.163	12138768	79.397 ug/ml
8) T n-Octadecane (C18)	11.610	24380235	160.247 ug/ml
10) T n-Eicosane (C20)	12.883	23558314	162.276 ug/ml
11) T n-Heneicosane (C21)	13.554	14351047	100.830 ug/ml
13) T n-Docosane (C22)	14.118	32009392	224.928 ug/ml
15) T n-Hexacosane (C26)	16.270	1567035	11.020 ug/ml
16) T n-Octacosane (C28)	17.237	141125	0.992 ug/ml
17) T n-Tricontane (C30)	18.081	259747	1.759 ug/ml
18) T n-Dotriacontane (C32)	18.914	138554	0.954 ug/ml
19) T n-Tetratriacontane (C34)	19.723	153924	1.142 ug/ml

(f)=RT Delta > 1/2 Window

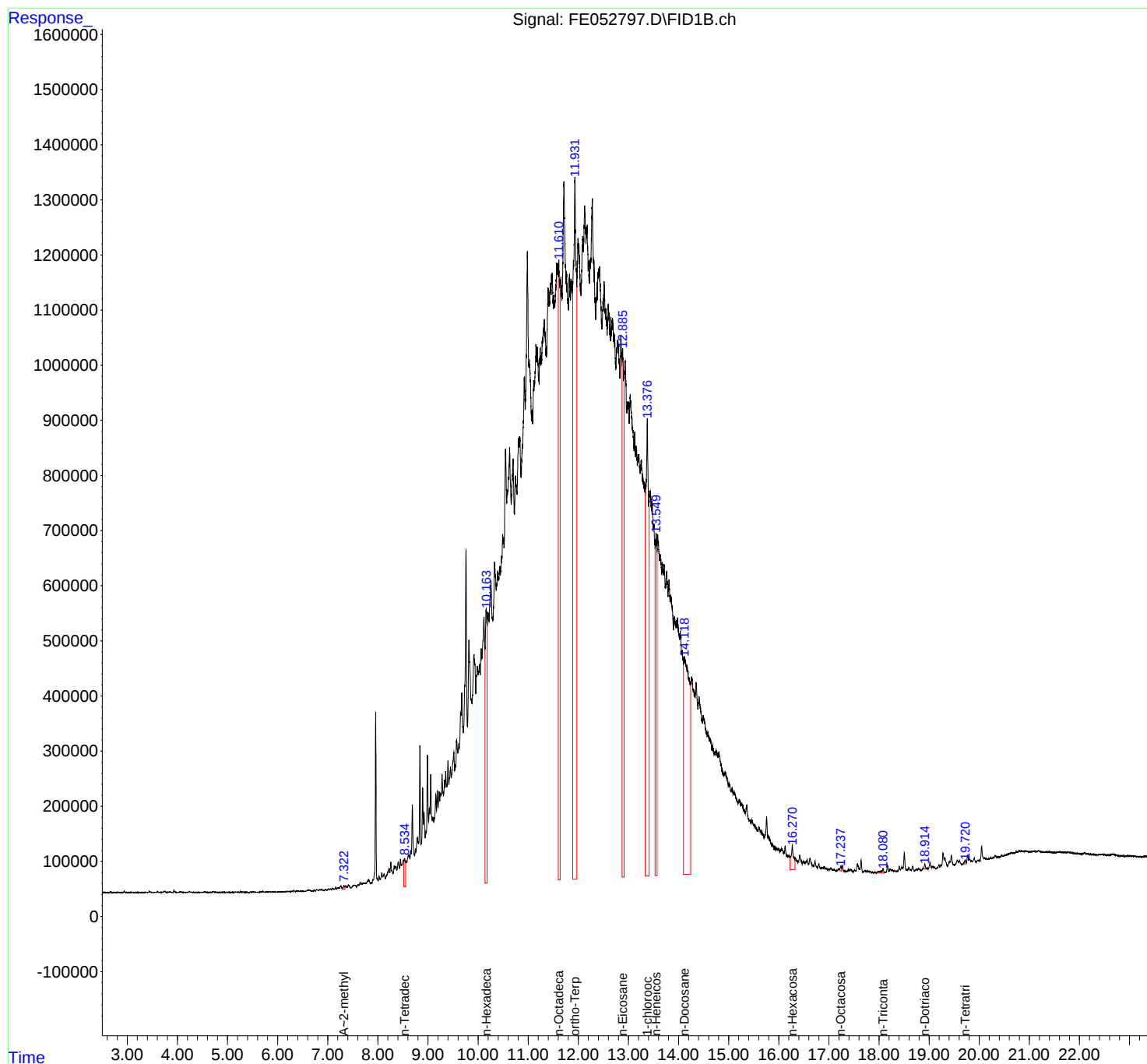
(m)=manual int.

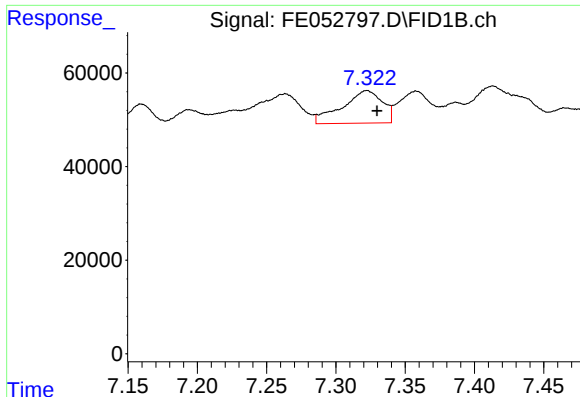
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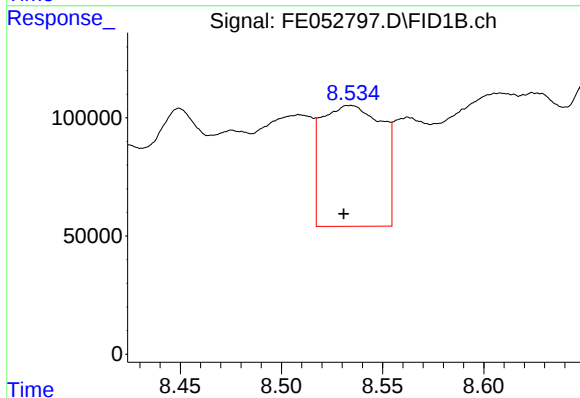




#5 A~2-methylnaphthalene (C12.89)

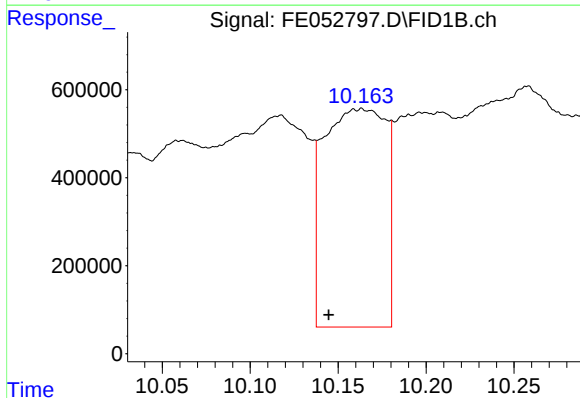
R.T.: 7.322 min
Delta R.T.: -0.007 min
Response: 140816
Conc: 0.87 ug/ml

Instrument :
FID_E
ClientSampleId :



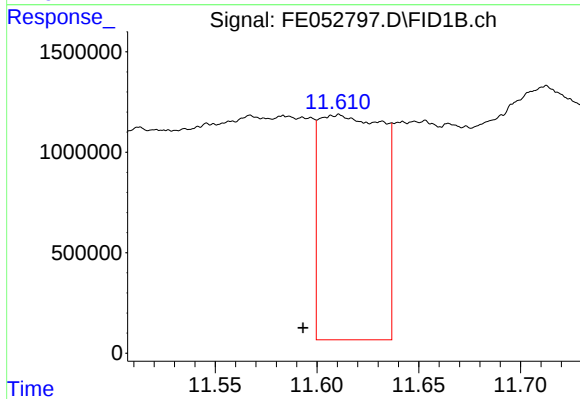
#6 n-Tetradecane (C14)

R.T.: 8.534 min
Delta R.T.: 0.003 min
Response: 1065477
Conc: 7.04 ug/ml



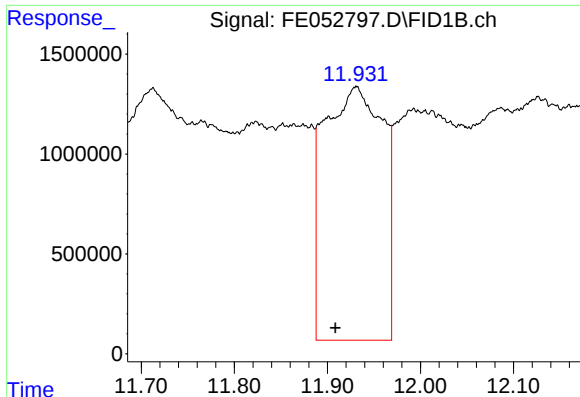
#7 n-Hexadecane (C16)

R.T.: 10.163 min
Delta R.T.: 0.018 min
Response: 12138768
Conc: 79.40 ug/ml



#8 n-Octadecane (C18)

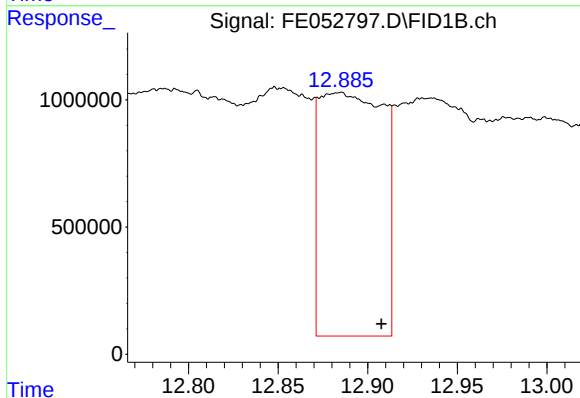
R.T.: 11.610 min
Delta R.T.: 0.017 min
Response: 24380235
Conc: 160.25 ug/ml



#9 ortho-Terphenyl (SURR)

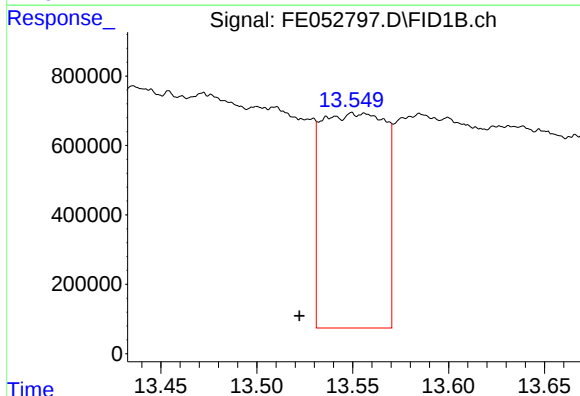
R.T.: 11.931 min
Delta R.T.: 0.022 min
Response: 55828983
Conc: 331.16 ug/ml

Instrument :
FID_E
ClientSampleId :



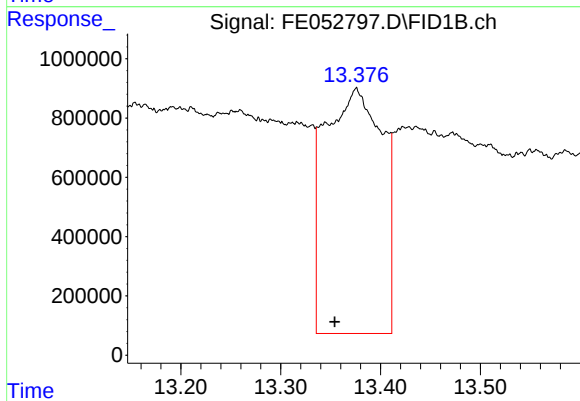
#10 n-Eicosane (C20)

R.T.: 12.883 min
Delta R.T.: -0.025 min
Response: 23558314
Conc: 162.28 ug/ml



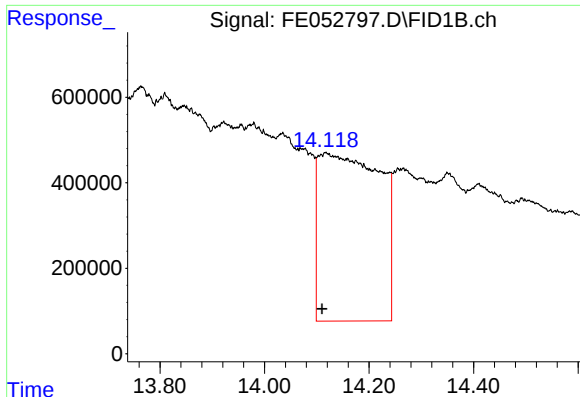
#11 n-Heneicosane (C21)

R.T.: 13.554 min
Delta R.T.: 0.032 min
Response: 14351047
Conc: 100.83 ug/ml



#12 1-chlorooctadecane (SURR)

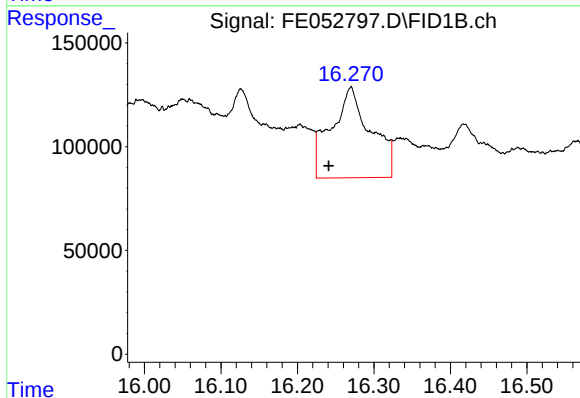
R.T.: 13.376 min
Delta R.T.: 0.022 min
Response: 33161113
Conc: 273.10 ug/ml



#13 n-Docosane (C22)

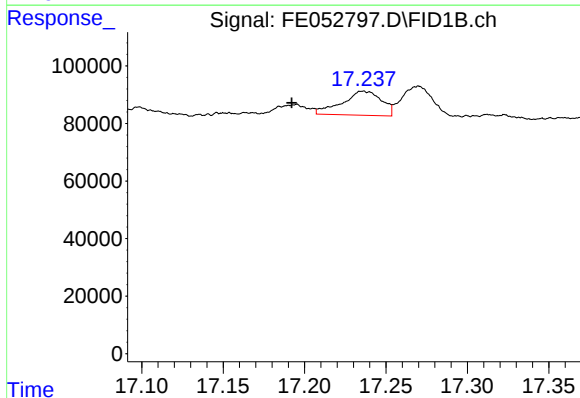
R.T.: 14.118 min
Delta R.T.: 0.007 min
Response: 32009392
Conc: 224.93 ug/ml

Instrument :
FID_E
ClientSampleId :



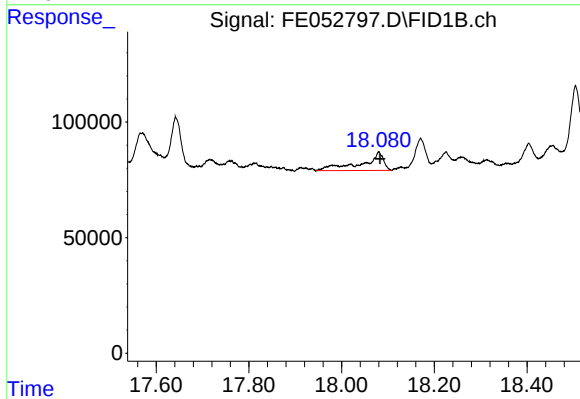
#15 n-Hexacosane (C26)

R.T.: 16.270 min
Delta R.T.: 0.029 min
Response: 1567035
Conc: 11.02 ug/ml



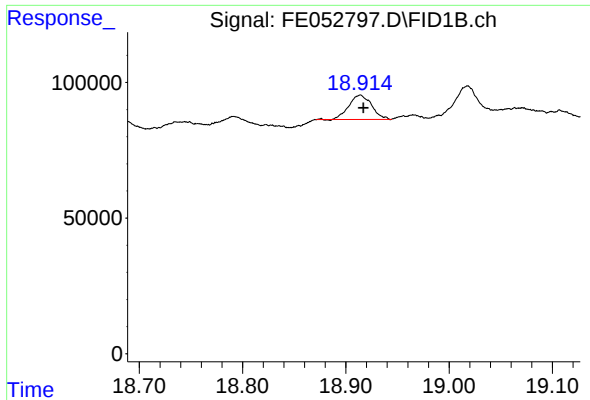
#16 n-Octacosane (C28)

R.T.: 17.237 min
Delta R.T.: 0.045 min
Response: 141125
Conc: 0.99 ug/ml



#17 n-Tricontane (C30)

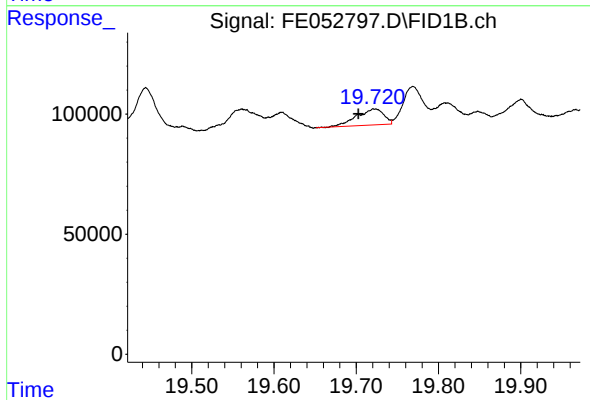
R.T.: 18.081 min
Delta R.T.: -0.002 min
Response: 259747
Conc: 1.76 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.914 min
Delta R.T.: -0.003 min
Response: 138554
Conc: 0.95 ug/ml

Instrument :
FID_E
ClientSampleId :



#19 n-Tetratriacontane (C34)

R.T.: 19.723 min
Delta R.T.: 0.020 min
Response: 153924
Conc: 1.14 ug/ml