

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032125AL\
 Data File : FE052930.D
 Signal(s) : FID1B.ch
 Acq On : 22 Mar 2025 01:23
 Operator : YP\AJ
 Sample : Q1614-01DL 5X
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 22 03:10:59 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)	11.903	1044996	6.199 ug/ml
Spiked Amount 50.000		Recovery =	12.40%
12) S 1-chlorooctadecane (S...	13.349	766195	6.310 ug/ml
Spiked Amount 50.000		Recovery =	12.62%
Target Compounds			
4) T n-Dodecane (C12)	6.688	83708	0.538 ug/ml
6) T n-Tetradecane (C14)	8.525	209302	1.383 ug/ml
7) T n-Hexadecane (C16)	10.139	245520	1.606 ug/ml
8) T n-Octadecane (C18)	11.588	245195	1.612 ug/ml
10) T n-Eicosane (C20)	12.903	168109	1.158 ug/ml
11) T n-Heneicosane (C21)	13.518	109030	0.766 ug/ml
13) T n-Docosane (C22)	14.106	90575	0.636 ug/ml
16) T n-Octacosane (C28)	17.191	143341	1.008 ug/ml
17) T n-Tricontane (C30)	18.080	324946	2.200 ug/ml
18) T n-Dotriacontane (C32)	18.915	174447	1.202 ug/ml
19) T n-Tetratriacontane (C34)	19.704	154888	1.149 ug/ml
20) T n-Hexatriacontane (C36)	20.444	109430	0.921 ug/ml

(f)=RT Delta > 1/2 Window

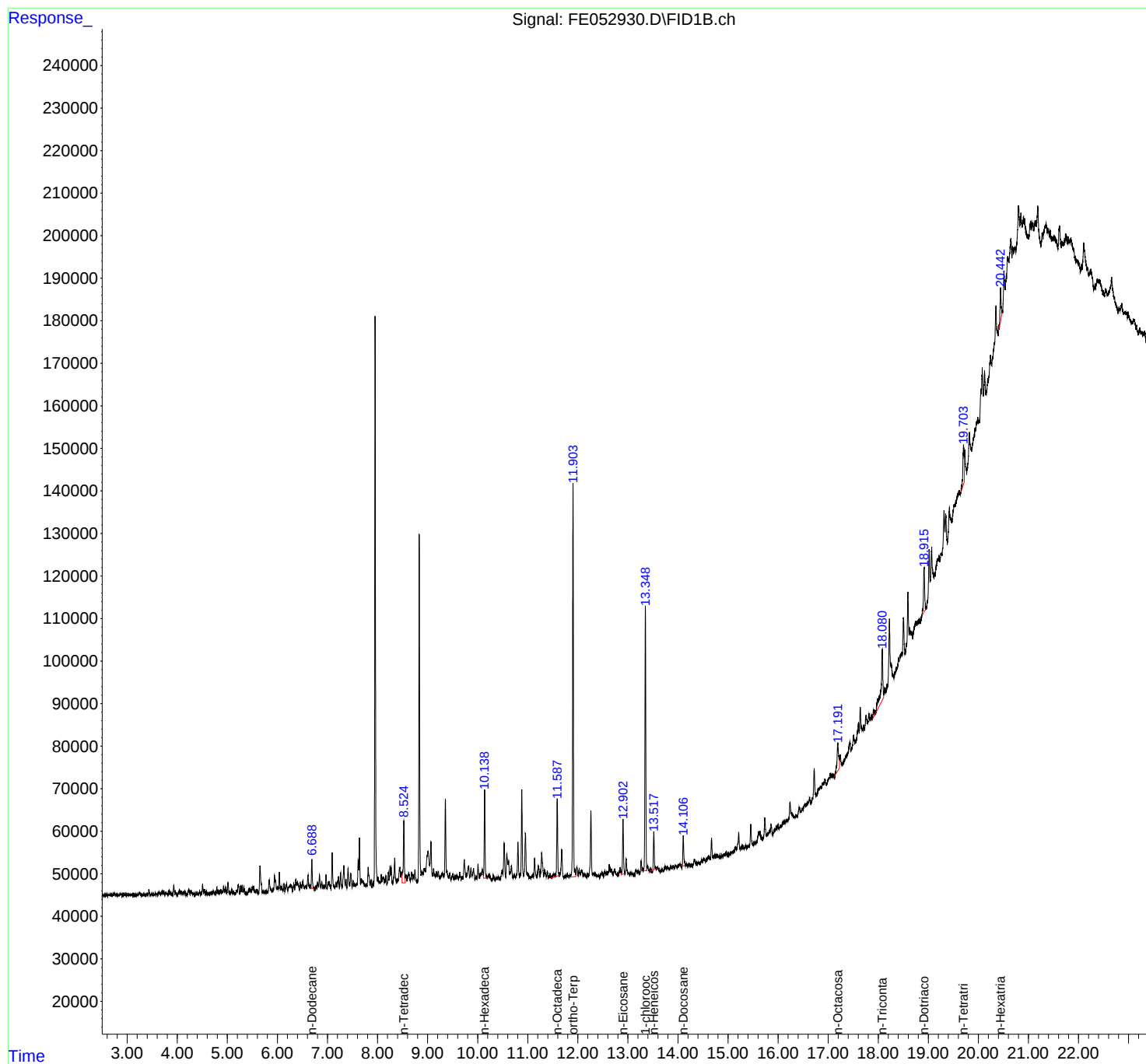
(m)=manual int.

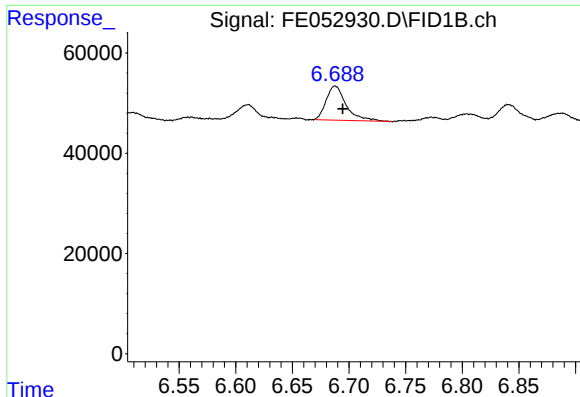
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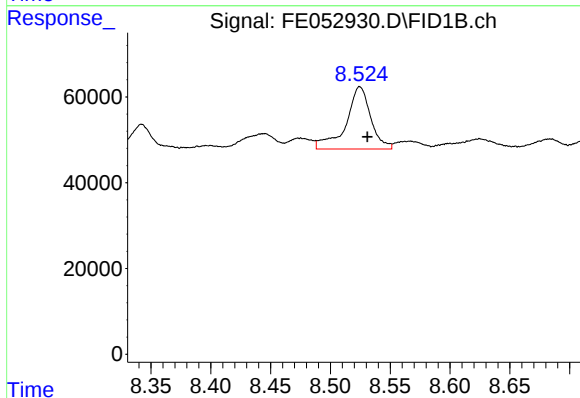




#4 n-Dodecane (C12)

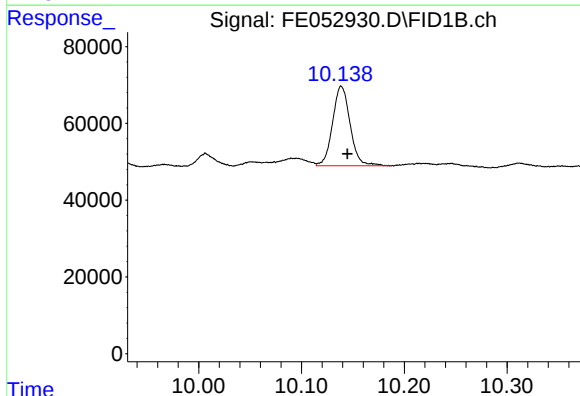
R.T.: 6.688 min
Delta R.T.: -0.007 min
Response: 83708
Conc: 0.54 ug/ml

Instrument :
FID_E
ClientSampleId :



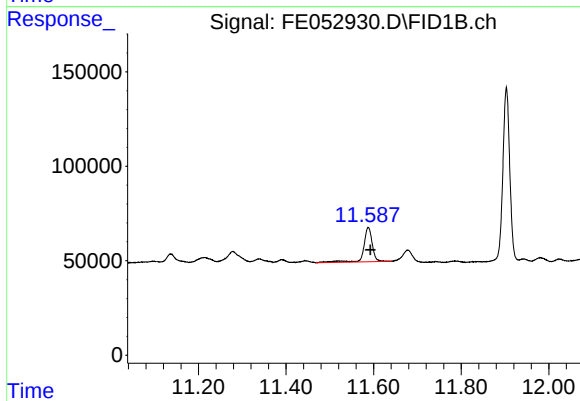
#6 n-Tetradecane (C14)

R.T.: 8.525 min
Delta R.T.: -0.006 min
Response: 209302
Conc: 1.38 ug/ml



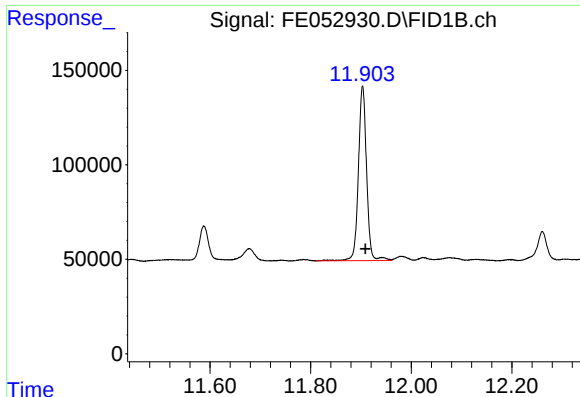
#7 n-Hexadecane (C16)

R.T.: 10.139 min
Delta R.T.: -0.006 min
Response: 245520
Conc: 1.61 ug/ml



#8 n-Octadecane (C18)

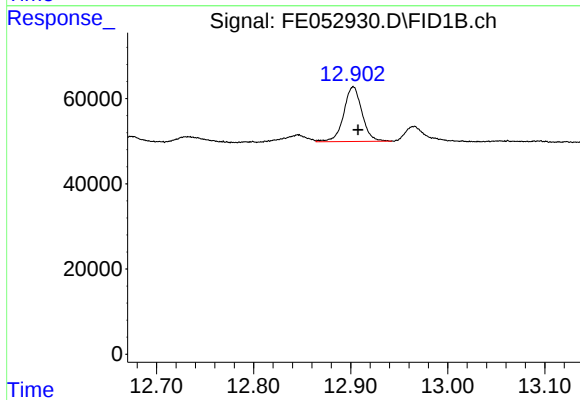
R.T.: 11.588 min
Delta R.T.: -0.005 min
Response: 245195
Conc: 1.61 ug/ml



#9 ortho-Terphenyl (SURR)

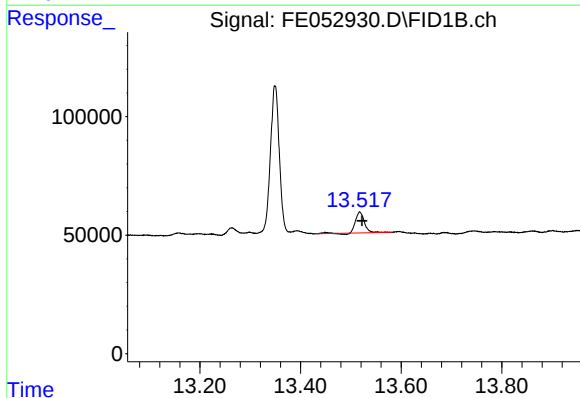
R.T.: 11.903 min
Delta R.T.: -0.005 min
Response: 1044996
Conc: 6.20 ug/ml

Instrument :
FID_E
ClientSampleId :



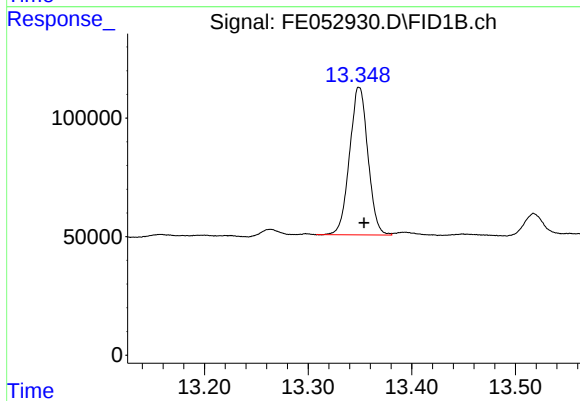
#10 n-Eicosane (C20)

R.T.: 12.903 min
Delta R.T.: -0.005 min
Response: 168109
Conc: 1.16 ug/ml



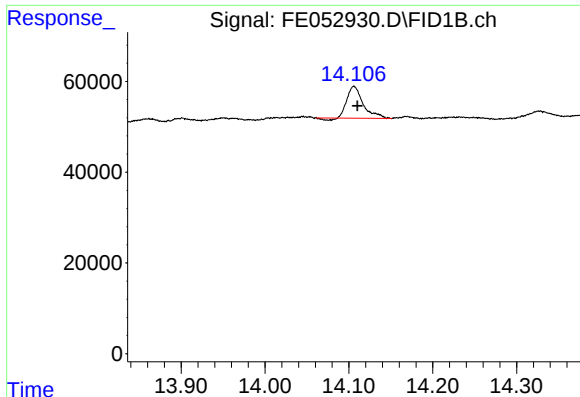
#11 n-Heneicosane (C21)

R.T.: 13.518 min
Delta R.T.: -0.004 min
Response: 109030
Conc: 0.77 ug/ml



#12 1-chlorooctadecane (SURR)

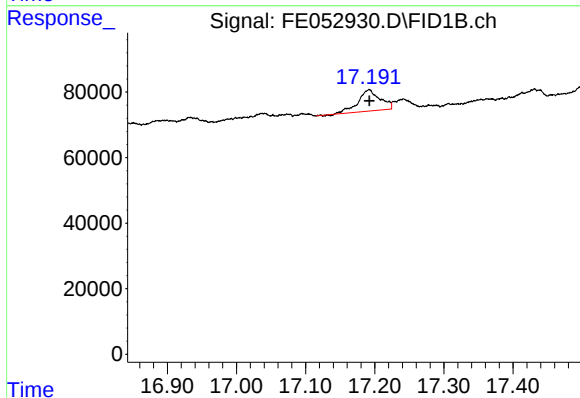
R.T.: 13.349 min
Delta R.T.: -0.005 min
Response: 766195
Conc: 6.31 ug/ml



#13 n-Docosane (C22)

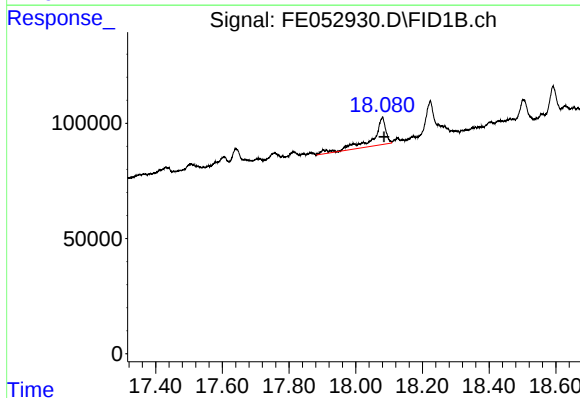
R.T.: 14.106 min
Delta R.T.: -0.004 min
Response: 90575
Conc: 0.64 ug/ml

Instrument :
FID_E
ClientSampleId :



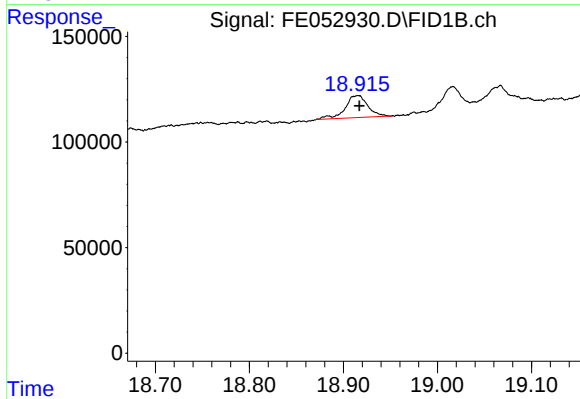
#16 n-Octacosane (C28)

R.T.: 17.191 min
Delta R.T.: 0.000 min
Response: 143341
Conc: 1.01 ug/ml



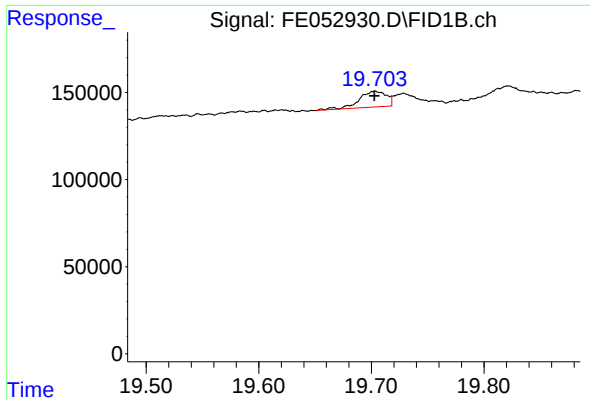
#17 n-Tricontane (C30)

R.T.: 18.080 min
Delta R.T.: -0.005 min
Response: 324946
Conc: 2.20 ug/ml



#18 n-Dotriacontane (C32)

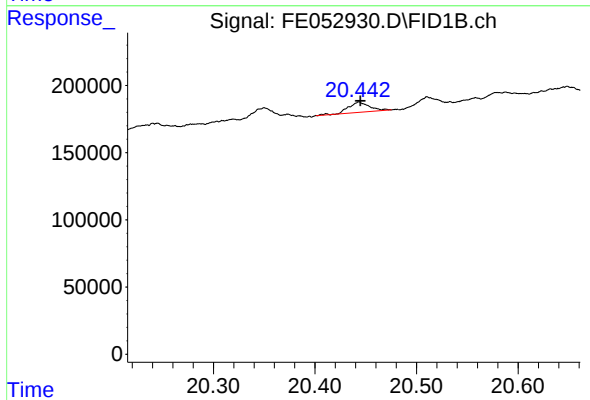
R.T.: 18.915 min
Delta R.T.: -0.002 min
Response: 174447
Conc: 1.20 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.704 min
Delta R.T.: 0.001 min
Response: 154888
Conc: 1.15 ug/ml

Instrument :
FID_E
ClientSampleId :



#20 n-Hexatriacontane (C36)

R.T.: 20.444 min
Delta R.T.: -0.001 min
Response: 109430
Conc: 0.92 ug/ml