

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032025AL\
 Data File : FE052888.D
 Signal(s) : FID1B.ch
 Acq On : 20 Mar 2025 15:39
 Operator : YP\AJ
 Sample : Q1605-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 20 23:22:10 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	4687658	27.806 ug/ml
Spiked Amount 50.000		Recovery =	55.61%
12) S 1-chlorooctadecane (S...	13.348	3370824	27.760 ug/ml
Spiked Amount 50.000		Recovery =	55.52%
Target Compounds			
2) T n-Decane (C10)	4.505	183371	1.167 ug/ml
4) T n-Dodecane (C12)	6.687	426963	2.742 ug/ml
5) T A~2-methylnaphthalene...	7.327	183757	1.134 ug/ml
6) T n-Tetradecane (C14)	8.524	451366	2.983 ug/ml
7) T n-Hexadecane (C16)	10.137	412700	2.699 ug/ml
8) T n-Octadecane (C18)	11.586	335097	2.203 ug/ml
10) T n-Eicosane (C20)	12.900	231492	1.595 ug/ml
11) T n-Heneicosane (C21)	13.515	125371	0.881 ug/ml
13) T n-Docosane (C22)	14.102	134713	0.947 ug/ml
16) T n-Octacosane (C28)	17.190	117619	0.827 ug/ml
17) T n-Tricontane (C30)	18.075	318829	2.159 ug/ml
18) T n-Dotriacontane (C32)	18.910	149797	1.032 ug/ml
19) T n-Tetratriacontane (C34)	19.699	217921	1.617 ug/ml
20) T n-Hexatriacontane (C36)	20.443	120604	1.015 ug/ml

(f)=RT Delta > 1/2 Window

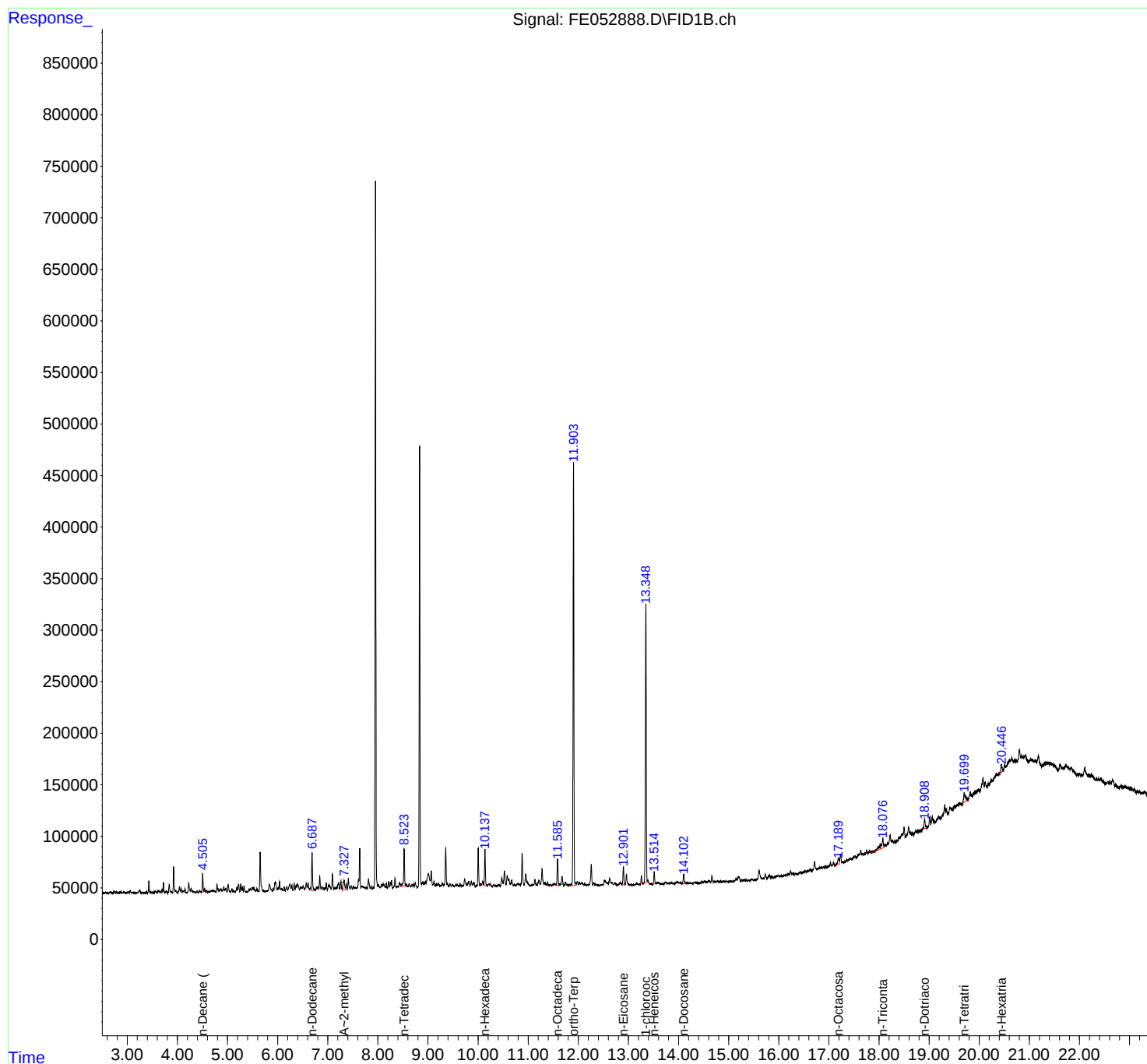
(m)=manual int.

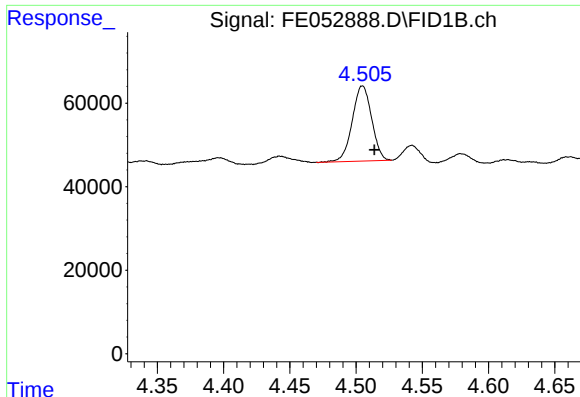
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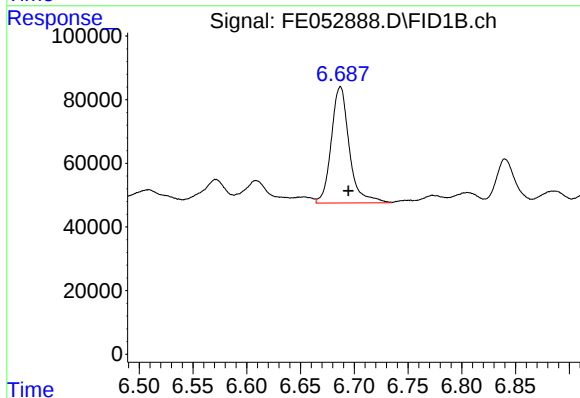




#2 n-Decane (C10)

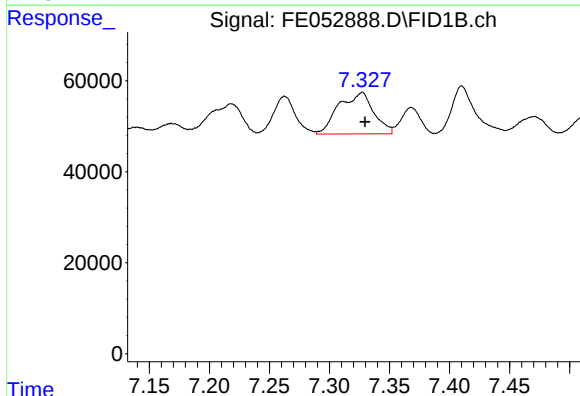
R.T.: 4.505 min
Delta R.T.: -0.009 min
Response: 183371
Conc: 1.17 ug/ml

Instrument :
FID_E
ClientSampleId :



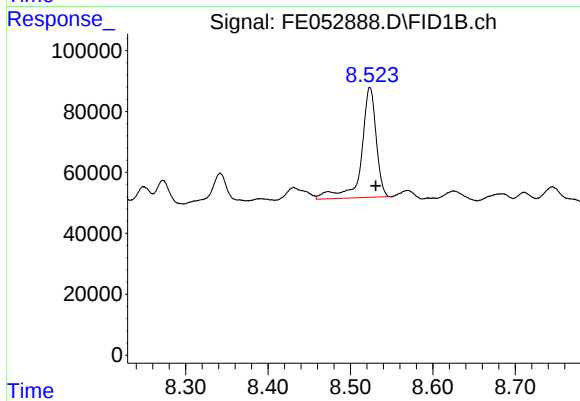
#4 n-Dodecane (C12)

R.T.: 6.687 min
Delta R.T.: -0.008 min
Response: 426963
Conc: 2.74 ug/ml



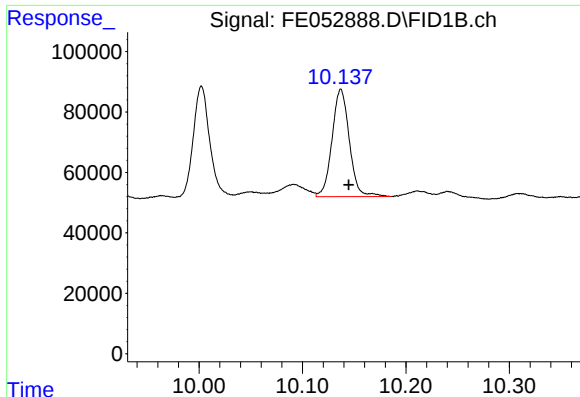
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.327 min
Delta R.T.: -0.003 min
Response: 183757
Conc: 1.13 ug/ml



#6 n-Tetradecane (C14)

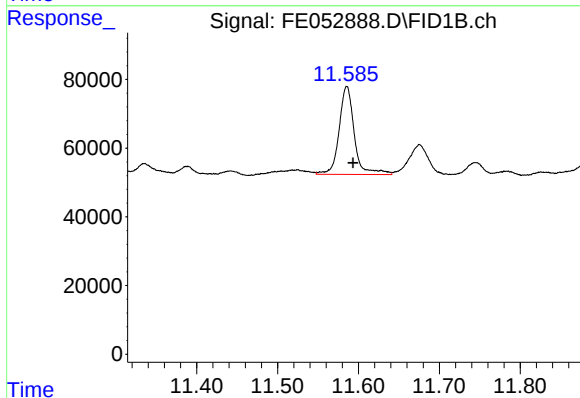
R.T.: 8.524 min
Delta R.T.: -0.007 min
Response: 451366
Conc: 2.98 ug/ml



#7 n-Hexadecane (C16)

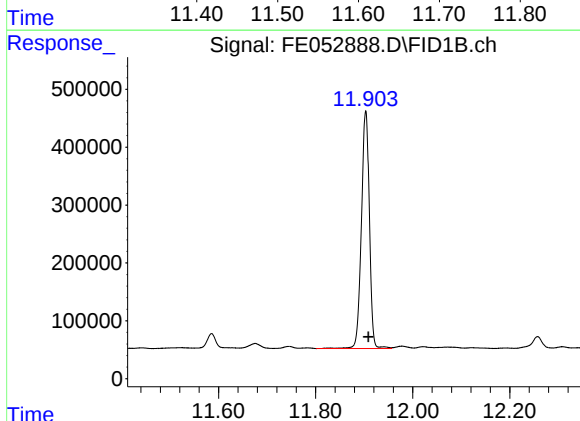
R.T.: 10.137 min
Delta R.T.: -0.007 min
Response: 412700
Conc: 2.70 ug/ml

Instrument :
FID_E
ClientSampleId :



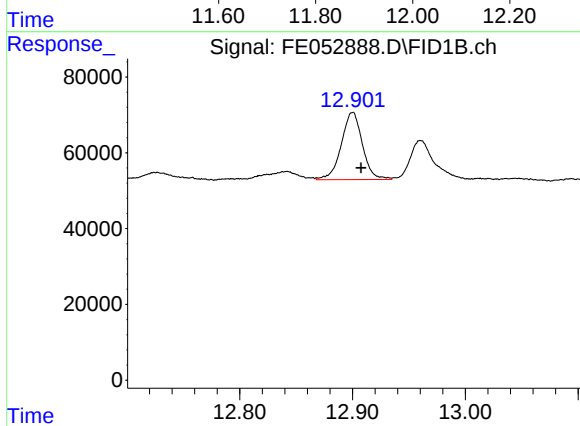
#8 n-Octadecane (C18)

R.T.: 11.586 min
Delta R.T.: -0.008 min
Response: 335097
Conc: 2.20 ug/ml



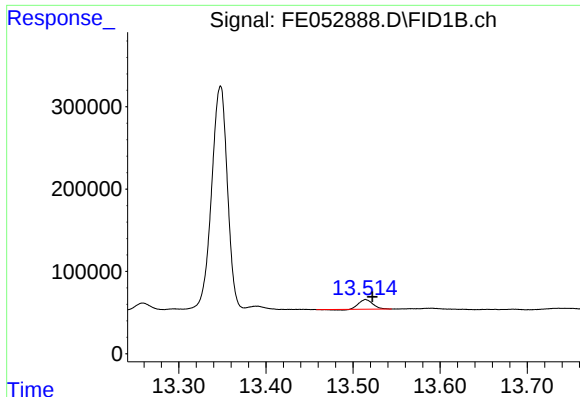
#9 ortho-Terphenyl (SURR)

R.T.: 11.903 min
Delta R.T.: -0.005 min
Response: 4687658
Conc: 27.81 ug/ml



#10 n-Eicosane (C20)

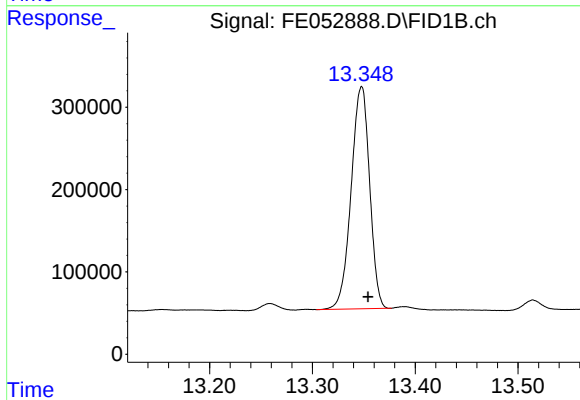
R.T.: 12.900 min
Delta R.T.: -0.008 min
Response: 231492
Conc: 1.59 ug/ml



#11 n-Heneicosane (C21)

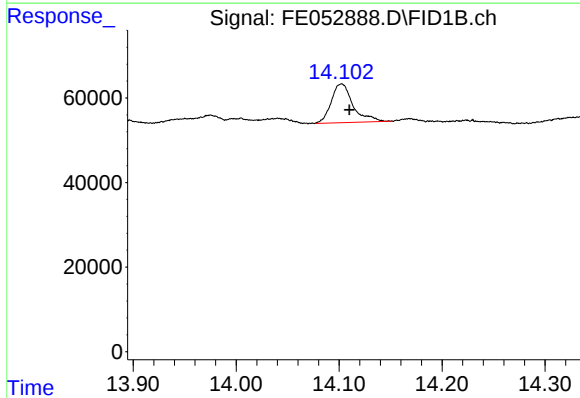
R.T.: 13.515 min
Delta R.T.: -0.008 min
Response: 125371
Conc: 0.88 ug/ml

Instrument :
FID_E
ClientSampleId :



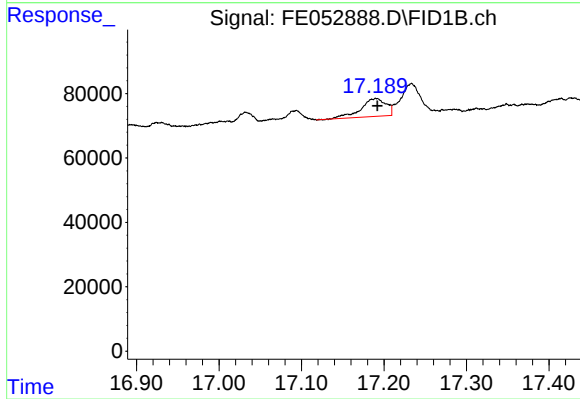
#12 1-chlorooctadecane (SURR)

R.T.: 13.348 min
Delta R.T.: -0.007 min
Response: 3370824
Conc: 27.76 ug/ml



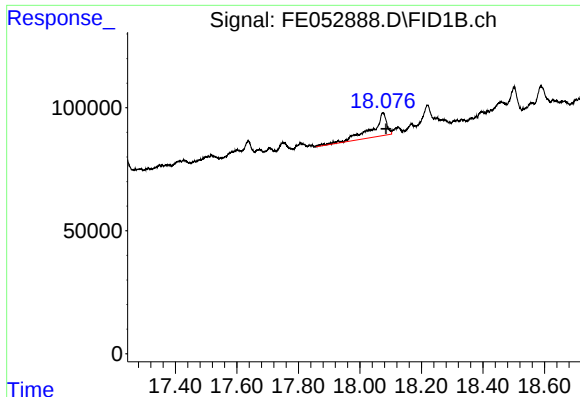
#13 n-Docosane (C22)

R.T.: 14.102 min
Delta R.T.: -0.008 min
Response: 134713
Conc: 0.95 ug/ml



#16 n-Octacosane (C28)

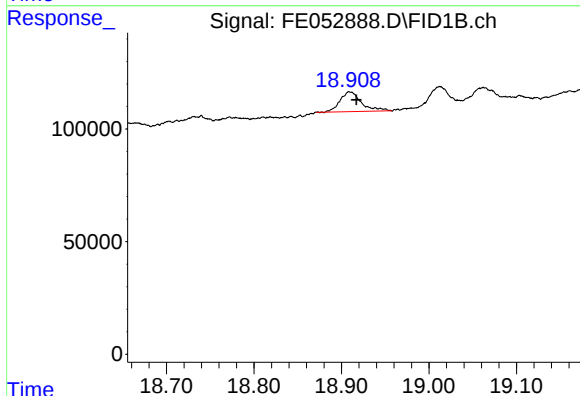
R.T.: 17.190 min
Delta R.T.: -0.002 min
Response: 117619
Conc: 0.83 ug/ml



#17 n-Tricontane (C30)

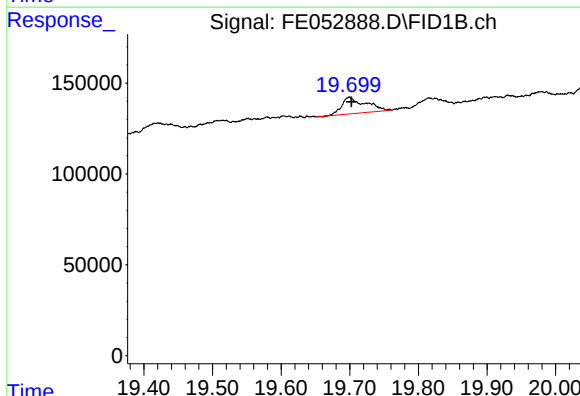
R.T.: 18.075 min
Delta R.T.: -0.010 min
Response: 318829
Conc: 2.16 ug/ml

Instrument :
FID_E
ClientSampleId :



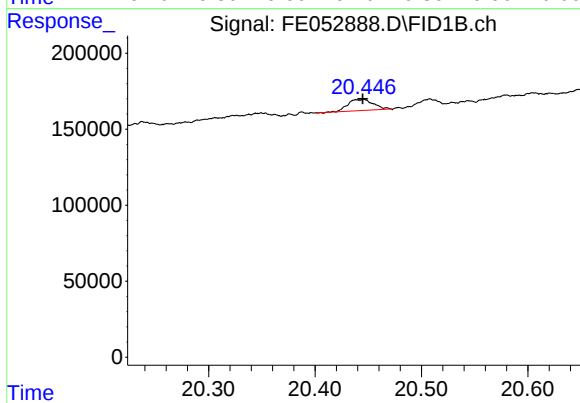
#18 n-Dotriacontane (C32)

R.T.: 18.910 min
Delta R.T.: -0.007 min
Response: 149797
Conc: 1.03 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.699 min
Delta R.T.: -0.003 min
Response: 217921
Conc: 1.62 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.443 min
Delta R.T.: -0.001 min
Response: 120604
Conc: 1.01 ug/ml