

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032825AL\
 Data File : FE053046.D
 Signal(s) : FID1B.ch
 Acq On : 28 Mar 2025 16:07
 Operator : YP\AJ
 Sample : Q1657-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 72-11998

Integration File: autoint1.e
 Quant Time: Mar 28 22:54:55 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)	11.901	6430435	38.143 ug/ml
Spiked Amount 50.000		Recovery =	76.29%
12) S 1-chlorooctadecane (S...	13.344	6203407	51.088 ug/ml
Spiked Amount 50.000		Recovery =	102.18%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.218	218837	1.290 ug/ml
4) T n-Dodecane (C12)	6.683	129452	0.831 ug/ml
5) T A~2-methylnaphthalene...	7.319	310734	1.917 ug/ml
6) T n-Tetradecane (C14)	8.467f	966930	6.390 ug/ml
7) T n-Hexadecane (C16)	10.143	2616601	17.115 ug/ml
8) T n-Octadecane (C18)	11.565	348900	2.293 ug/ml
10) T n-Eicosane (C20)	12.882	877072	6.042 ug/ml
11) T n-Heneicosane (C21)	13.525	634355	4.457 ug/ml
13) T n-Docosane (C22)	14.123	929650	6.533 ug/ml
14) T n-Tetracosane (C24)	15.182	1505788	10.522 ug/ml
16) T n-Octacosane (C28)	17.186	252398	1.775 ug/ml
17) T n-Tricontane (C30)	18.067	139048	0.941 ug/ml
18) T n-Dotriacontane (C32)	18.901	139667	0.962 ug/ml
19) T n-Tetratriacontane (C34)	19.688	104888	0.778 ug/ml

(f)=RT Delta > 1/2 Window

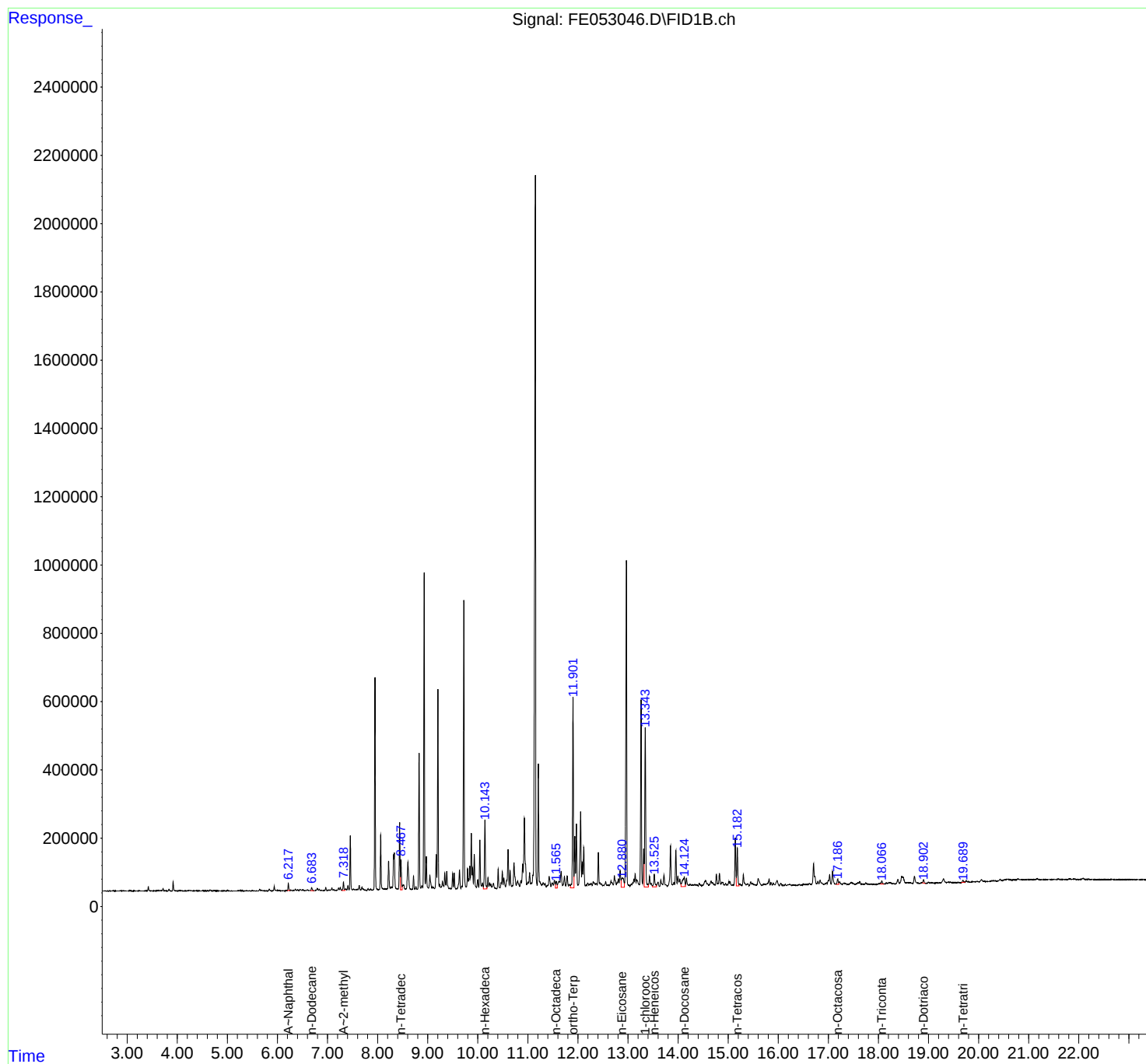
(m)=manual int.

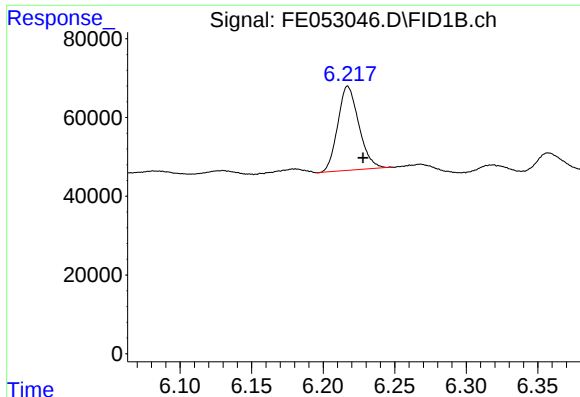
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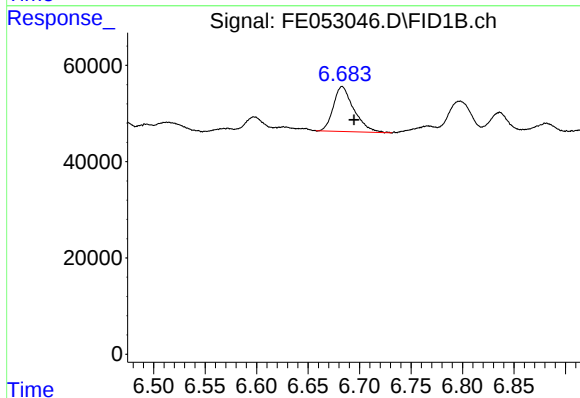




#3 A~Naphthalene (C11.7)

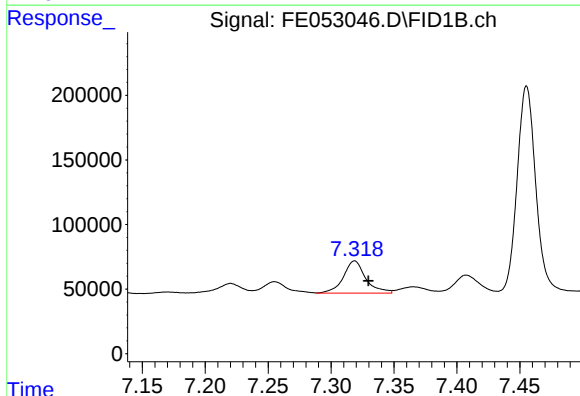
R.T.: 6.218 min
Delta R.T.: -0.010 min
Response: 218837
Conc: 1.29 ug/ml

Instrument :
FID_E
ClientSampleId :
72-11998



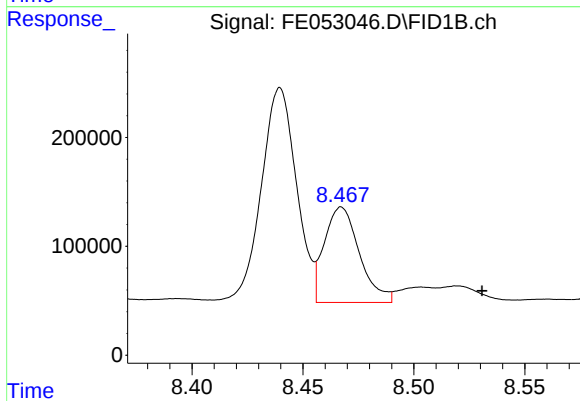
#4 n-Dodecane (C12)

R.T.: 6.683 min
Delta R.T.: -0.011 min
Response: 129452
Conc: 0.83 ug/ml



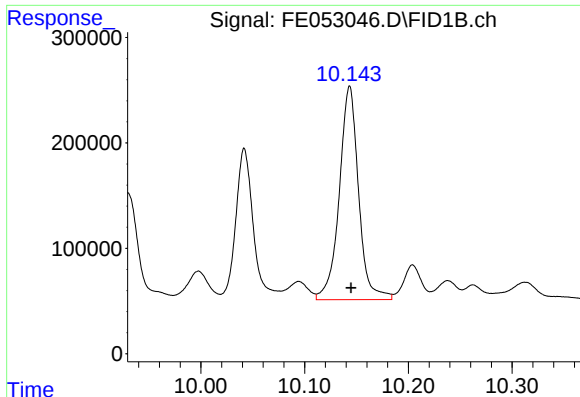
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.319 min
Delta R.T.: -0.011 min
Response: 310734
Conc: 1.92 ug/ml



#6 n-Tetradecane (C14)

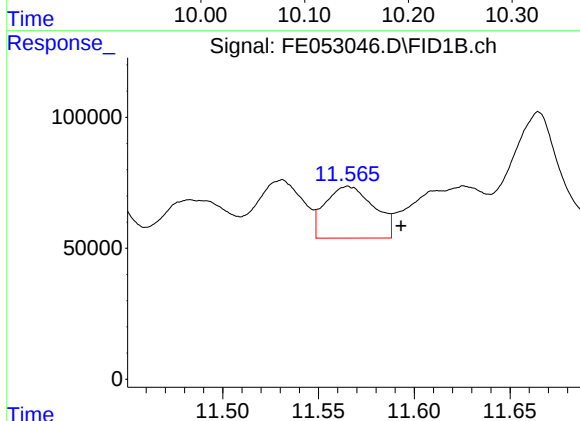
R.T.: 8.467 min
Delta R.T.: -0.064 min
Response: 966930
Conc: 6.39 ug/ml



#7 n-Hexadecane (C16)

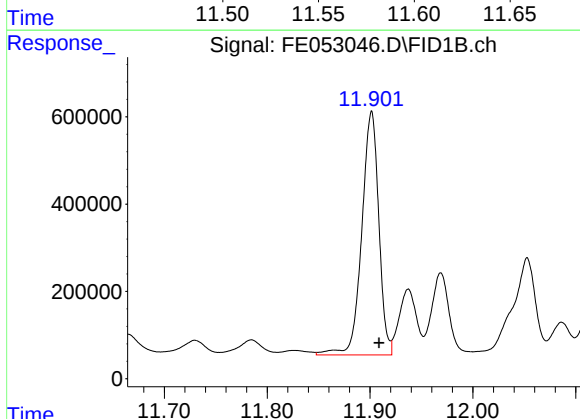
R.T.: 10.143 min
Delta R.T.: -0.001 min
Response: 2616601
Conc: 17.11 ug/ml

Instrument :
FID_E
ClientSampleId :
72-11998



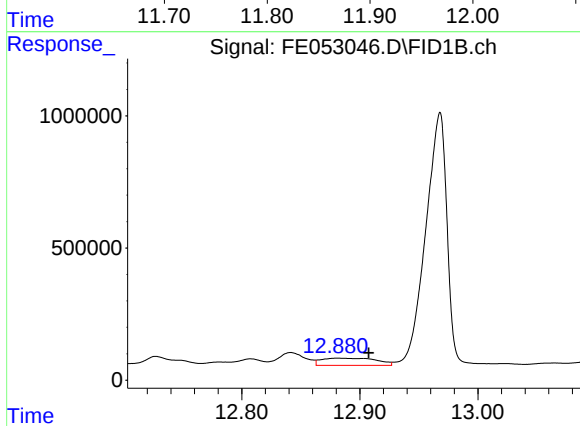
#8 n-Octadecane (C18)

R.T.: 11.565 min
Delta R.T.: -0.028 min
Response: 348900
Conc: 2.29 ug/ml



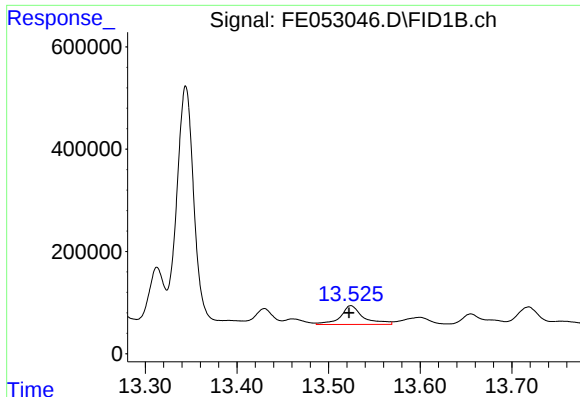
#9 ortho-Terphenyl (SURR)

R.T.: 11.901 min
Delta R.T.: -0.007 min
Response: 6430435
Conc: 38.14 ug/ml



#10 n-Eicosane (C20)

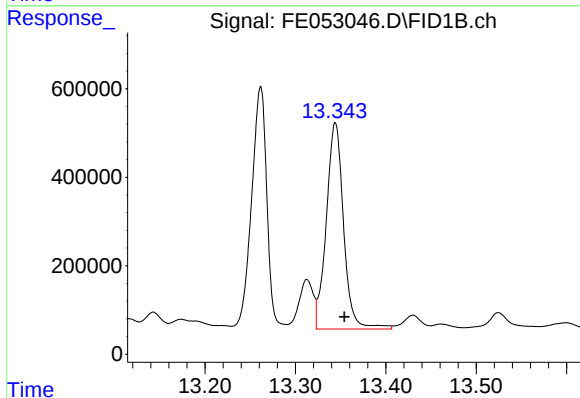
R.T.: 12.882 min
Delta R.T.: -0.025 min
Response: 877072
Conc: 6.04 ug/ml



#11 n-Heneicosane (C21)

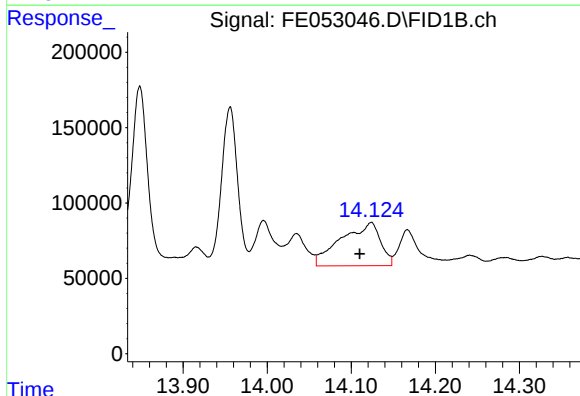
R.T.: 13.525 min
Delta R.T.: 0.002 min
Response: 634355
Conc: 4.46 ug/ml

Instrument :
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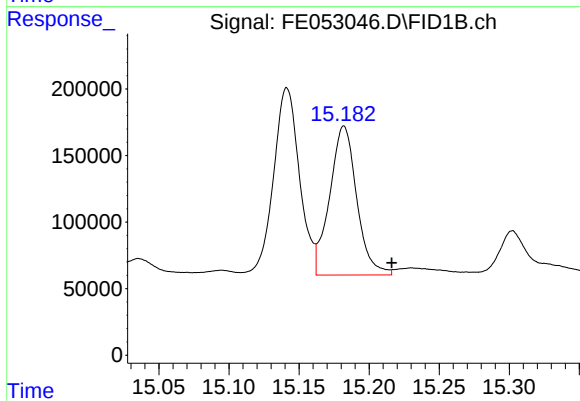
#12 1-chlorooctadecane (SURR)

R.T.: 13.344 min
Delta R.T.: -0.010 min
Response: 6203407
Conc: 51.09 ug/ml



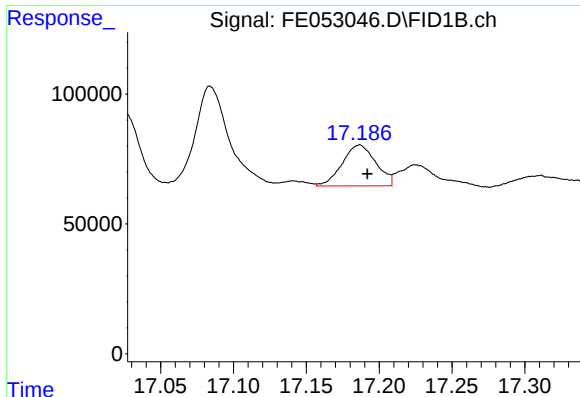
#13 n-Docosane (C22)

R.T.: 14.123 min
Delta R.T.: 0.013 min
Response: 929650
Conc: 6.53 ug/ml



#14 n-Tetracosane (C24)

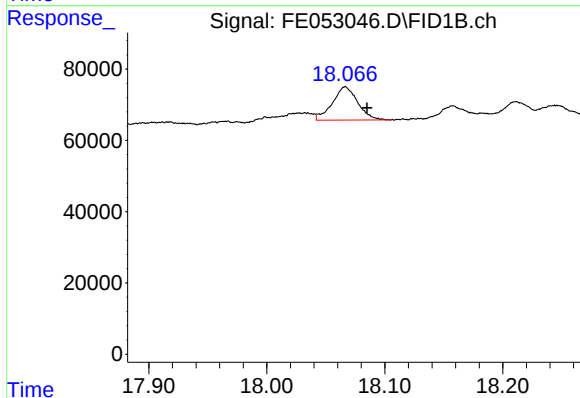
R.T.: 15.182 min
Delta R.T.: -0.034 min
Response: 1505788
Conc: 10.52 ug/ml



#16 n-Octacosane (C28)

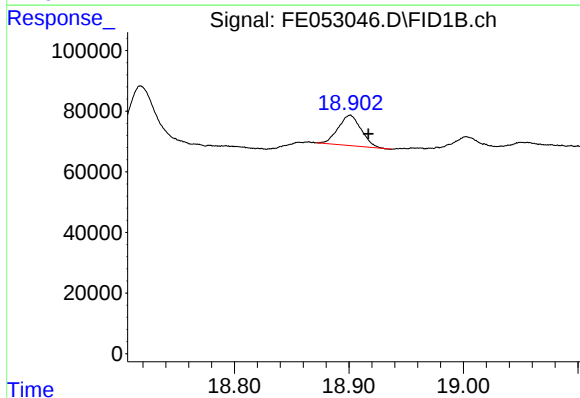
R.T.: 17.186 min
Delta R.T.: -0.006 min
Response: 252398
Conc: 1.78 ug/ml

Instrument :
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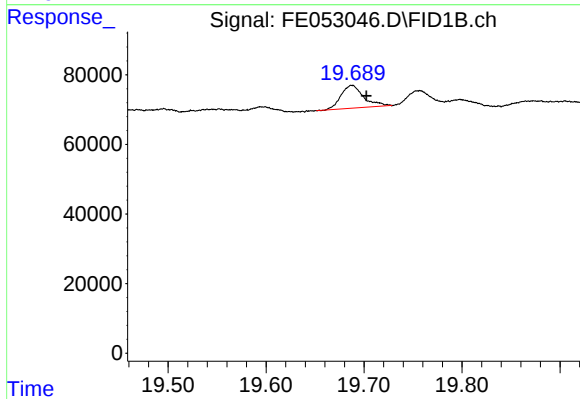
#17 n-Tricontane (C30)

R.T.: 18.067 min
Delta R.T.: -0.018 min
Response: 139048
Conc: 0.94 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.901 min
Delta R.T.: -0.016 min
Response: 139667
Conc: 0.96 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.688 min
Delta R.T.: -0.015 min
Response: 104888
Conc: 0.78 ug/ml