

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052325AL\
 Data File : FE053994.D
 Signal(s) : FID1B.ch
 Acq On : 23 May 2025 10:54
 Operator : YP\AJ
 Sample : Q2102-02DL 10X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LAW-25-0077-E2DL

Integration File: autoint1.e
 Quant Time: May 23 22:56:57 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
 Quant Title : GC Extractables
 QLast Update : Wed May 14 12:15:41 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)	11.863	16524256	101.680 ug/ml
Spiked Amount 50.000		Recovery =	203.36%
12) S 1-chlorooctadecane (S...	13.293	4497541	37.938 ug/ml
Spiked Amount 50.000		Recovery =	75.88%
Target Compounds			
5) T A~2-methylnaphthalene...	7.266	122393	0.882 ug/ml
6) T n-Tetradecane (C14)	8.473	447953	3.319 ug/ml
7) T n-Hexadecane (C16)	10.097	2054435	15.225 ug/ml
8) T n-Octadecane (C18)	11.522	914051	6.788 ug/ml
10) T n-Eicosane (C20)	12.879	13760861	104.702 ug/ml
11) T n-Heneicosane (C21)	13.490	3905823	30.127 ug/ml
13) T n-Docosane (C22)	14.065	3975421	31.161 ug/ml
14) T n-Tetracosane (C24)	15.158	673623	5.384 ug/ml
15) T n-Hexacosane (C26)	16.216	599681	4.897 ug/ml
16) T n-Octacosane (C28)	17.145	211165	1.737 ug/ml
20) T n-Hexatriacontane (C36)	20.380	181358	1.566 ug/ml

(f)=RT Delta > 1/2 Window

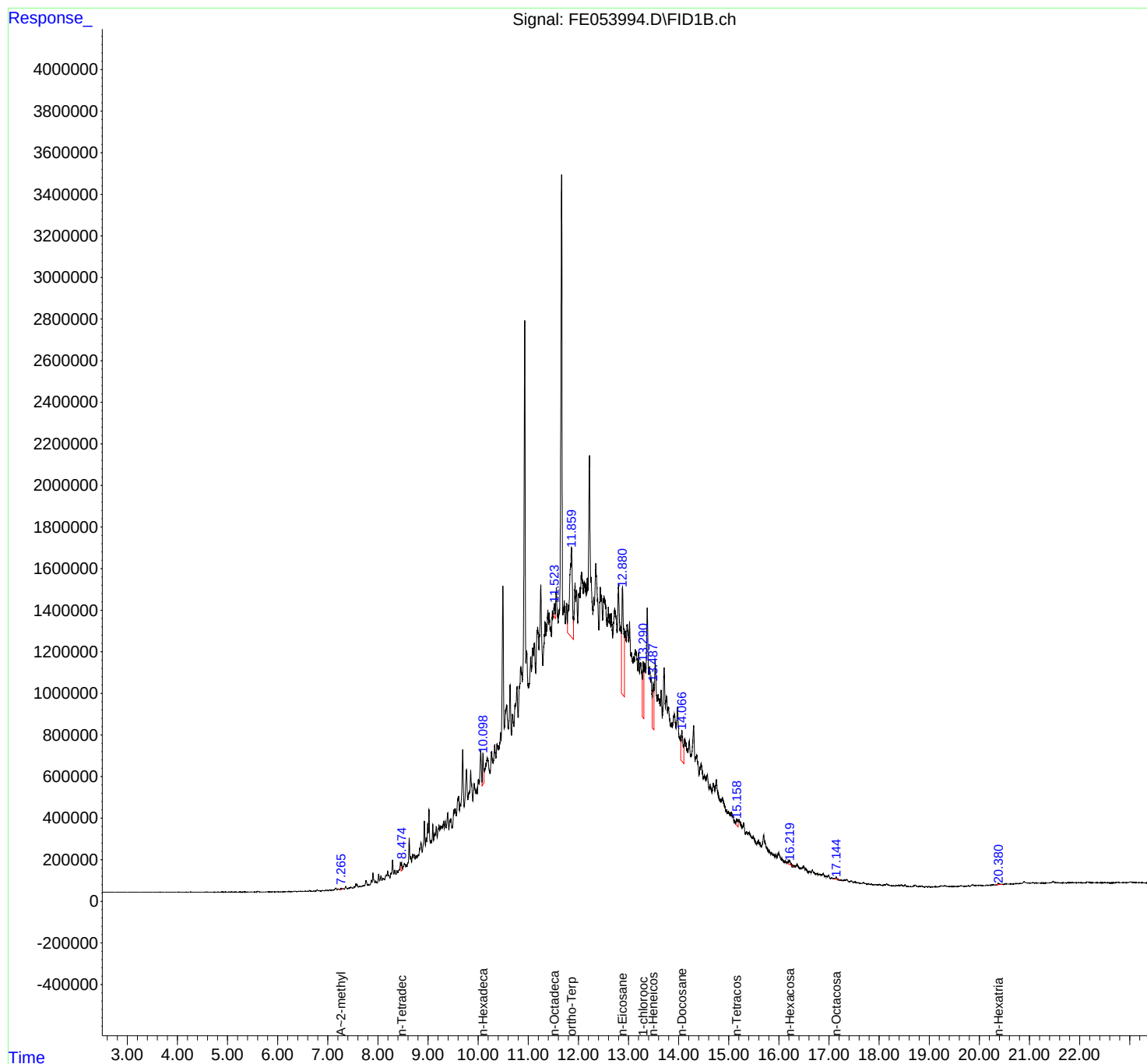
(m)=manual int.

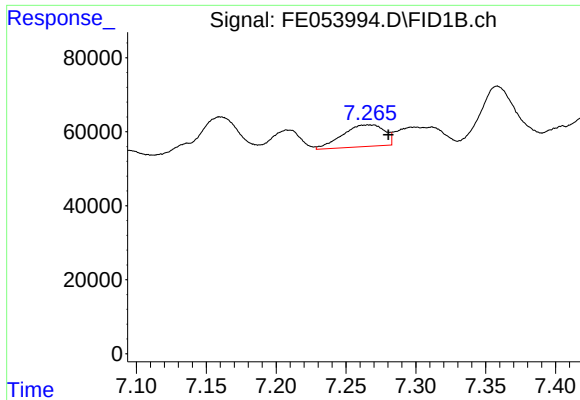
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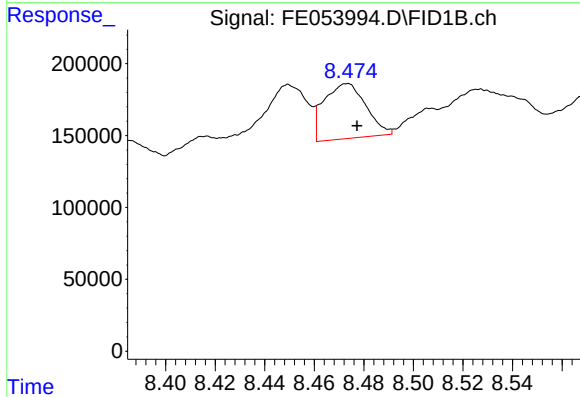




#5 A~2-methylnaphthalene (C12.89)

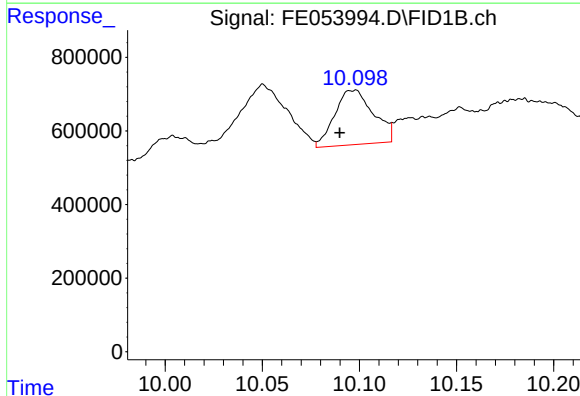
R.T.: 7.266 min
Delta R.T.: -0.014 min
Response: 122393
Conc: 0.88 ug/ml

Instrument :
FID_E
ClientSampleId :
LAW-25-0077-E2DL



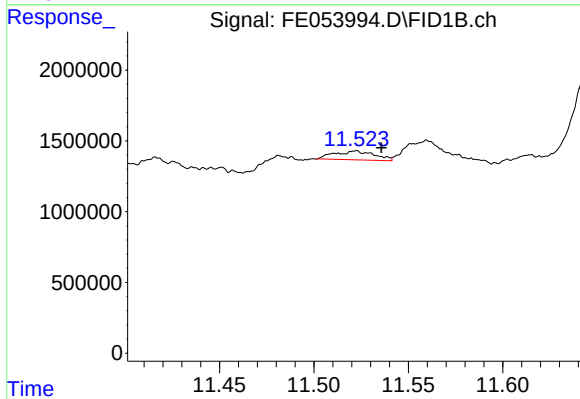
#6 n-Tetradecane (C14)

R.T.: 8.473 min
Delta R.T.: -0.004 min
Response: 447953
Conc: 3.32 ug/ml



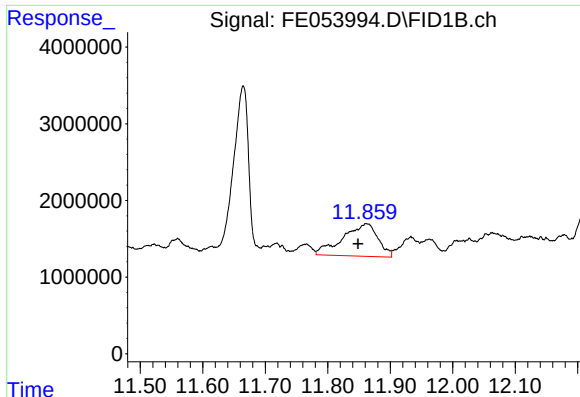
#7 n-Hexadecane (C16)

R.T.: 10.097 min
Delta R.T.: 0.007 min
Response: 2054435
Conc: 15.23 ug/ml



#8 n-Octadecane (C18)

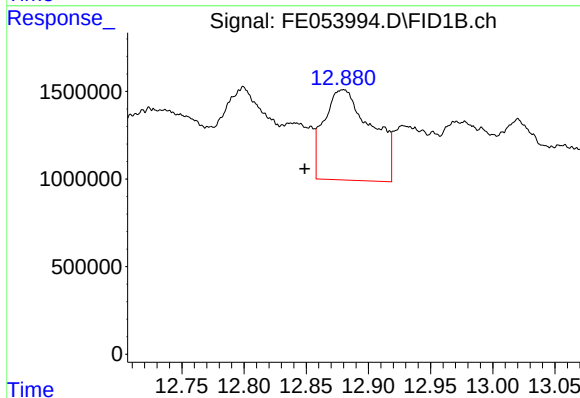
R.T.: 11.522 min
Delta R.T.: -0.014 min
Response: 914051
Conc: 6.79 ug/ml



#9 ortho-Terphenyl (SURR)

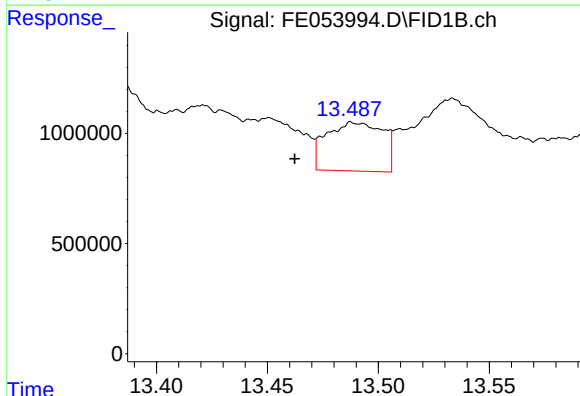
R.T.: 11.863 min
Delta R.T.: 0.014 min
Response: 16524256
Conc: 101.68 ug/ml

Instrument :
FID_E
ClientSampleId :
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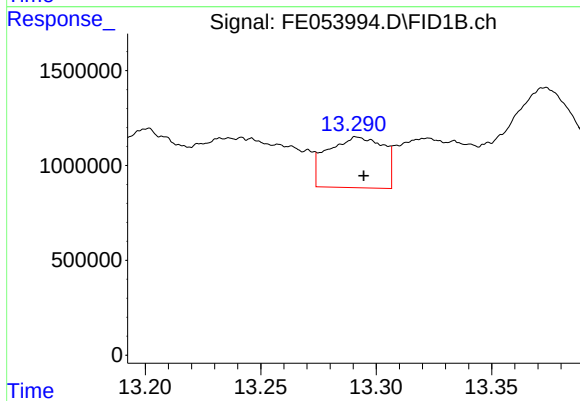
#10 n-Eicosane (C20)

R.T.: 12.879 min
Delta R.T.: 0.031 min
Response: 13760861
Conc: 104.70 ug/ml



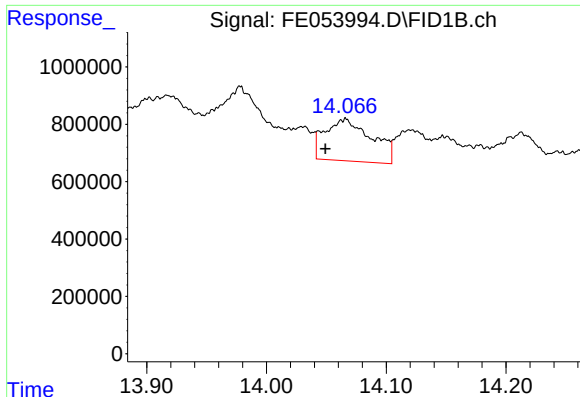
#11 n-Heneicosane (C21)

R.T.: 13.490 min
Delta R.T.: 0.028 min
Response: 3905823
Conc: 30.13 ug/ml



#12 1-chlorooctadecane (SURR)

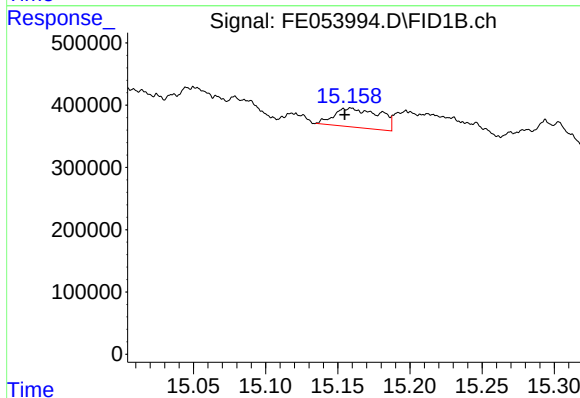
R.T.: 13.293 min
Delta R.T.: -0.002 min
Response: 4497541
Conc: 37.94 ug/ml



#13 n-Docosane (C22)

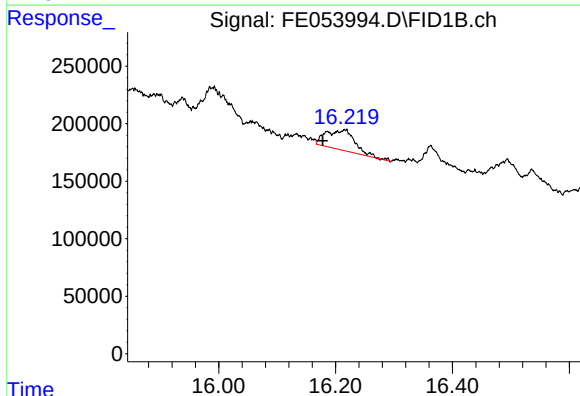
R.T.: 14.065 min
Delta R.T.: 0.016 min
Response: 3975421
Conc: 31.16 ug/ml

Instrument :
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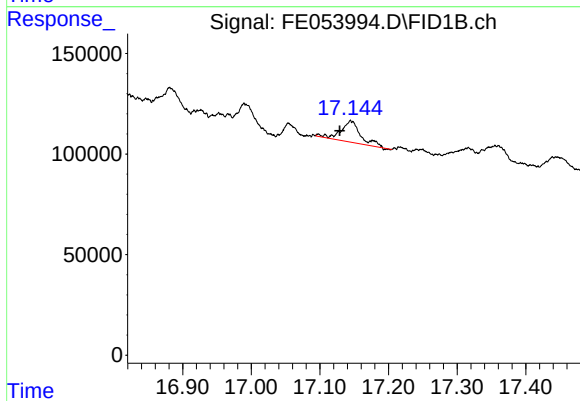
#14 n-Tetracosane (C24)

R.T.: 15.158 min
Delta R.T.: 0.003 min
Response: 673623
Conc: 5.38 ug/ml



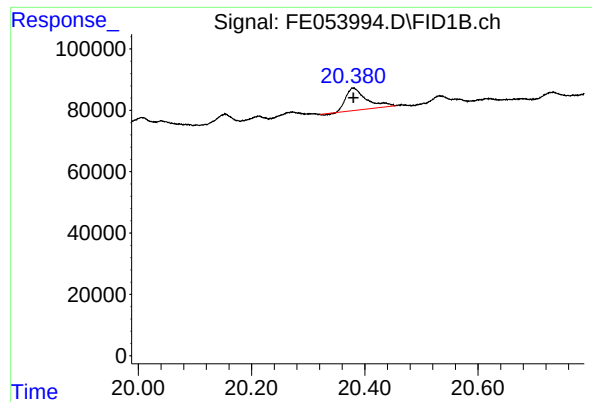
#15 n-Hexacosane (C26)

R.T.: 16.216 min
Delta R.T.: 0.038 min
Response: 599681
Conc: 4.90 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.145 min
Delta R.T.: 0.017 min
Response: 211165
Conc: 1.74 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.380 min
Delta R.T.: 0.000 min
Response: 181358
Conc: 1.57 ug/ml

Instrument :

FID_E

ClientSampleId :

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