

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091225AL\
 Data File : FE055793.D
 Signal(s) : FID1B.ch
 Acq On : 12 Sep 2025 10:17
 Operator : YP\AJ
 Sample : Q3075-04DL2 100X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 13 02:28:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 08:12:09 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)	12.067	311763	1.898 ug/ml
Spiked Amount 50.000		Recovery =	3.80%
12) S 1-chlorooctadecane (S...	13.497	14122243	112.937 ug/ml
Spiked Amount 50.000		Recovery =	225.87%
Target Compounds			
4) T n-Dodecane (C12)	6.843	280570	2.155 ug/ml
5) T A~2-methylnaphthalene...	7.492	122460	0.871 ug/ml
6) T n-Tetradecane (C14)	8.680	1595856	12.118 ug/ml
7) T n-Hexadecane (C16)	10.294	1538103	11.106 ug/ml
8) T n-Octadecane (C18)	11.742	1105436	7.579 ug/ml
10) T n-Eicosane (C20)	13.057	650813	4.521 ug/ml
11) T n-Heneicosane (C21)	13.672	463178	3.243 ug/ml
13) T n-Docosane (C22)	14.260	338584	2.365 ug/ml
14) T n-Tetracosane (C24)	15.366	155745	1.076 ug/ml
17) T n-Tricontane (C30)	18.231	87114	0.589 ug/ml
18) T n-Dotriacontane (C32)	19.066	122827	0.837 ug/ml
19) T n-Tetratriacontane (C34)	19.850	113792	0.805 ug/ml
21) T n-Octatriacontane (C38)	21.368	626565	4.811 ug/ml

(f)=RT Delta > 1/2 Window

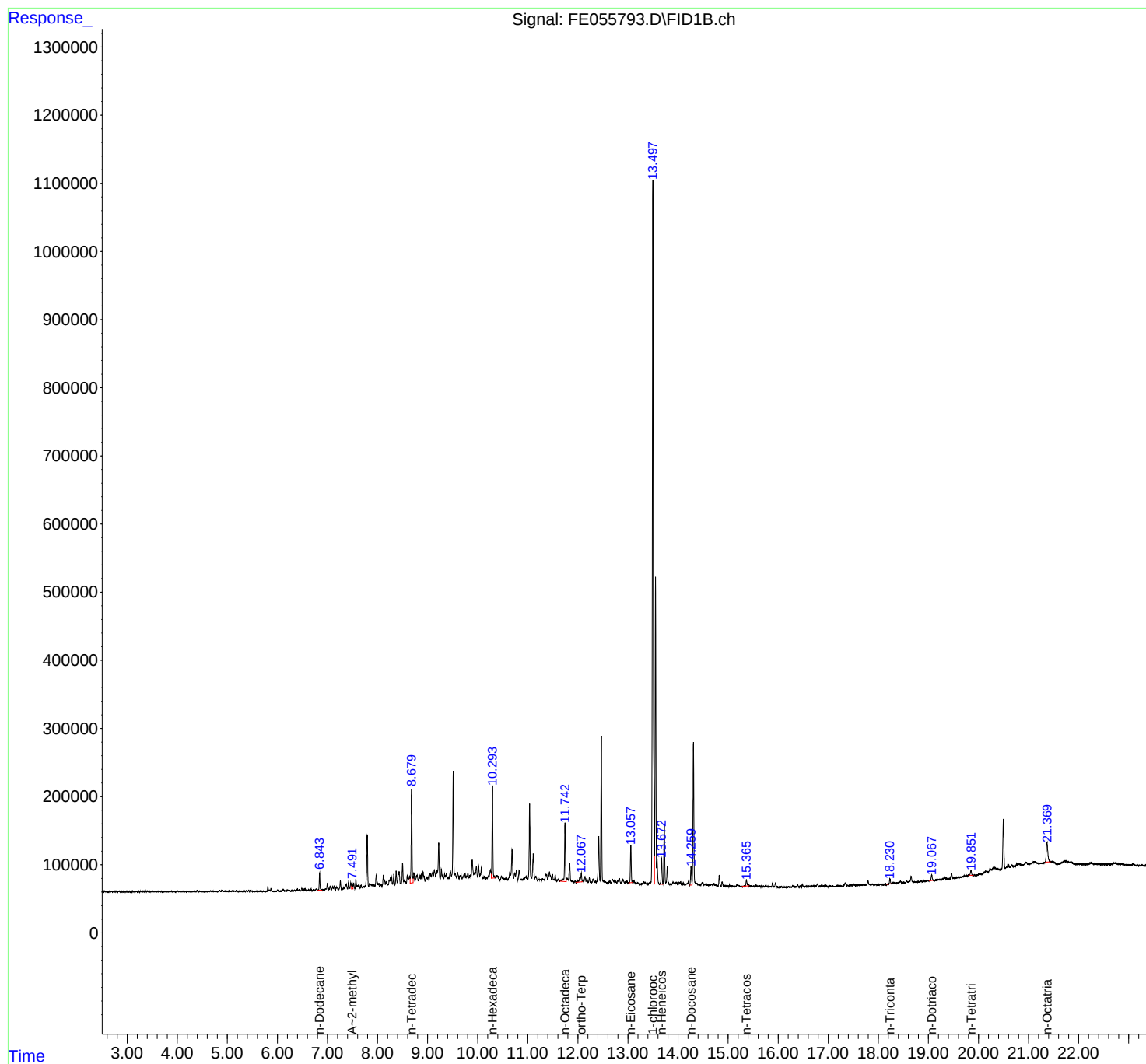
(m)=manual int.

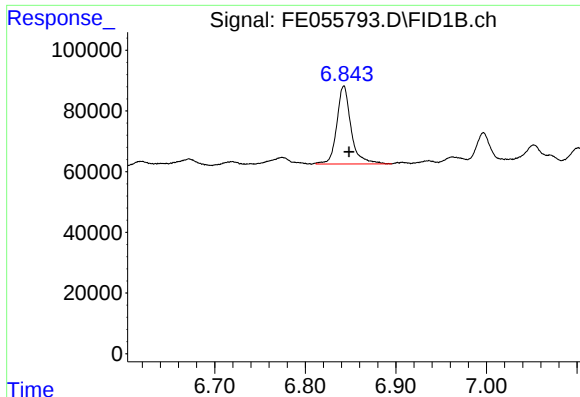
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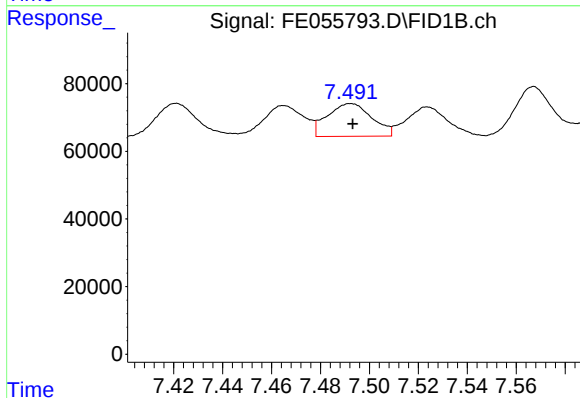




#4 n-Dodecane (C12)

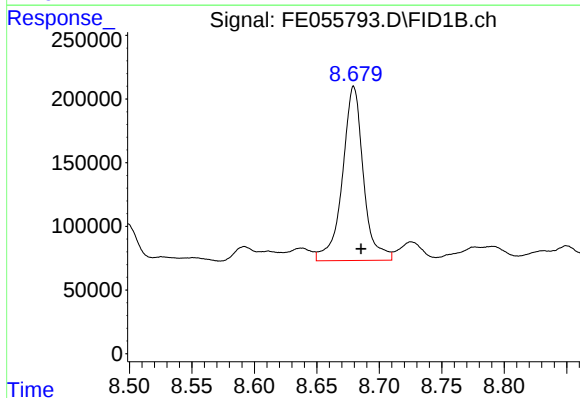
R.T.: 6.843 min
Delta R.T.: -0.006 min
Response: 280570
Conc: 2.15 ug/ml

Instrument :
FID_E
ClientSampleId :



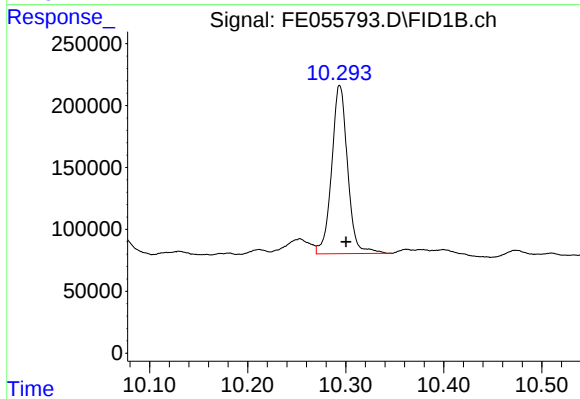
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.492 min
Delta R.T.: 0.000 min
Response: 122460
Conc: 0.87 ug/ml



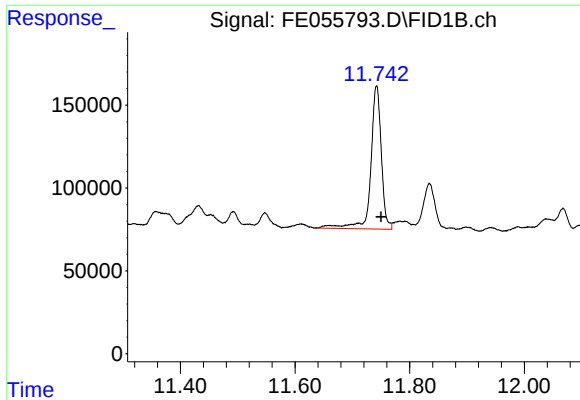
#6 n-Tetradecane (C14)

R.T.: 8.680 min
Delta R.T.: -0.006 min
Response: 1595856
Conc: 12.12 ug/ml



#7 n-Hexadecane (C16)

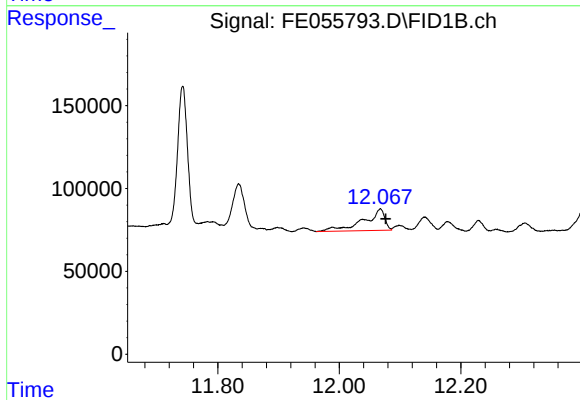
R.T.: 10.294 min
Delta R.T.: -0.006 min
Response: 1538103
Conc: 11.11 ug/ml



#8 n-Octadecane (C18)

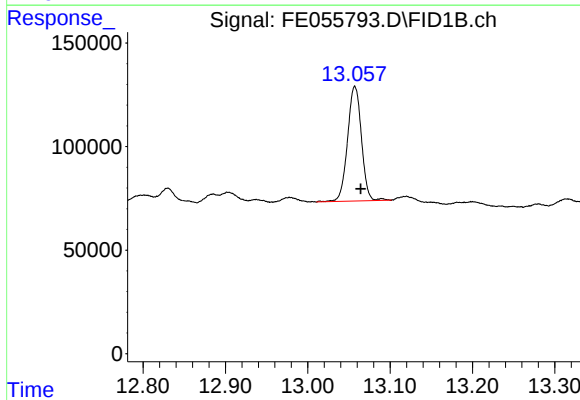
R.T.: 11.742 min
Delta R.T.: -0.008 min
Response: 1105436
Conc: 7.58 ug/ml

Instrument :
FID_E
ClientSampleId :



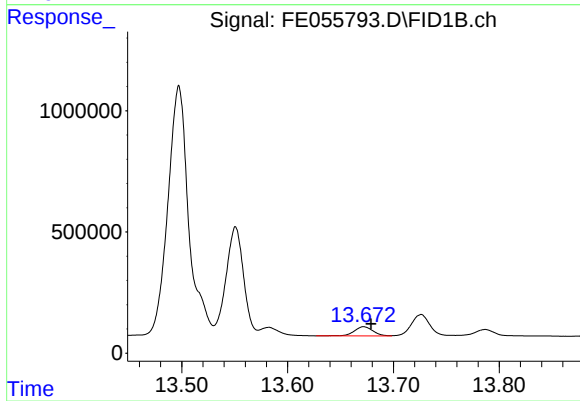
#9 ortho-Terphenyl (SURR)

R.T.: 12.067 min
Delta R.T.: -0.009 min
Response: 311763
Conc: 1.90 ug/ml



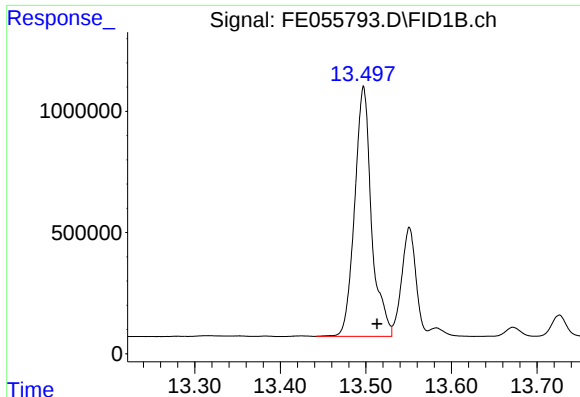
#10 n-Eicosane (C20)

R.T.: 13.057 min
Delta R.T.: -0.007 min
Response: 650813
Conc: 4.52 ug/ml



#11 n-Heneicosane (C21)

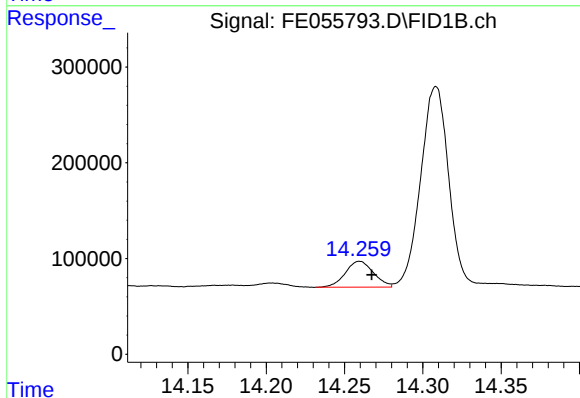
R.T.: 13.672 min
Delta R.T.: -0.007 min
Response: 463178
Conc: 3.24 ug/ml



#12 1-chlorooctadecane (SURR)

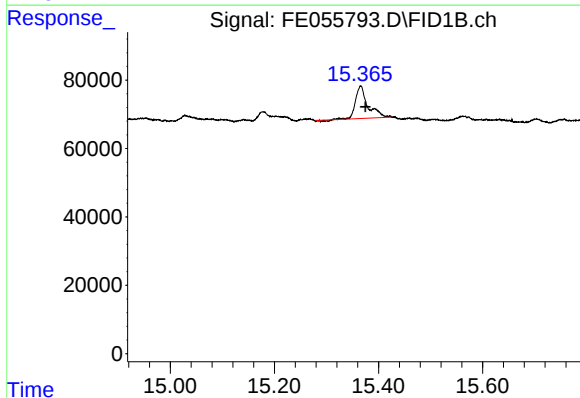
R.T.: 13.497 min
Delta R.T.: -0.016 min
Response: 14122243
Conc: 112.94 ug/ml

Instrument :
FID_E
ClientSampleId :



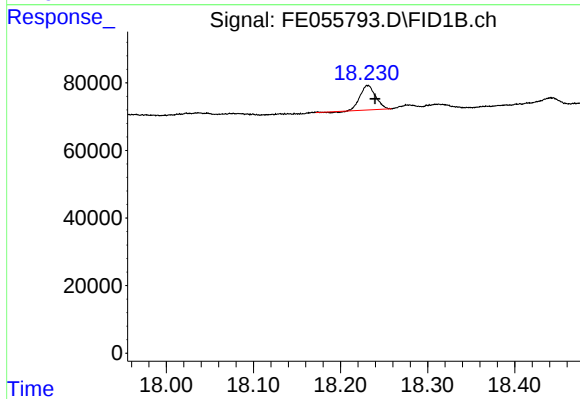
#13 n-Docosane (C22)

R.T.: 14.260 min
Delta R.T.: -0.008 min
Response: 338584
Conc: 2.37 ug/ml



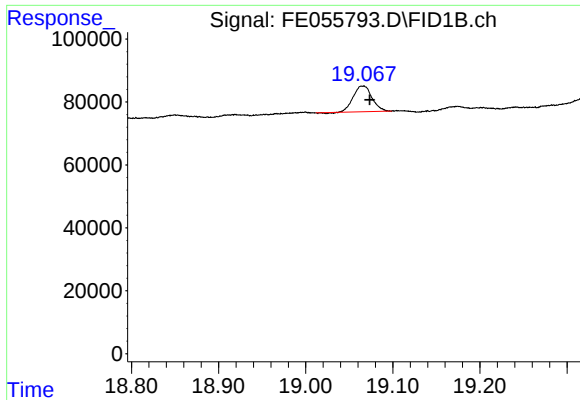
#14 n-Tetracosane (C24)

R.T.: 15.366 min
Delta R.T.: -0.009 min
Response: 155745
Conc: 1.08 ug/ml



#17 n-Tricontane (C30)

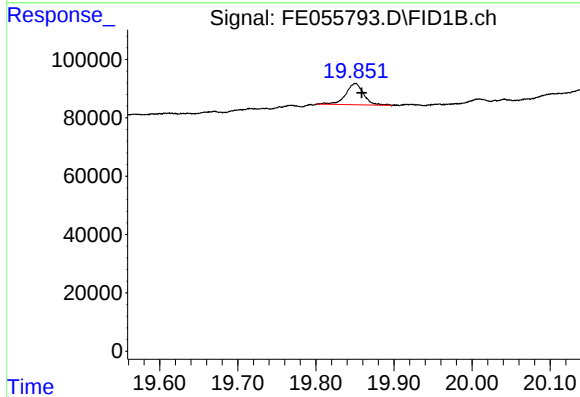
R.T.: 18.231 min
Delta R.T.: -0.008 min
Response: 87114
Conc: 0.59 ug/ml



#18 n-Dotriacontane (C32)

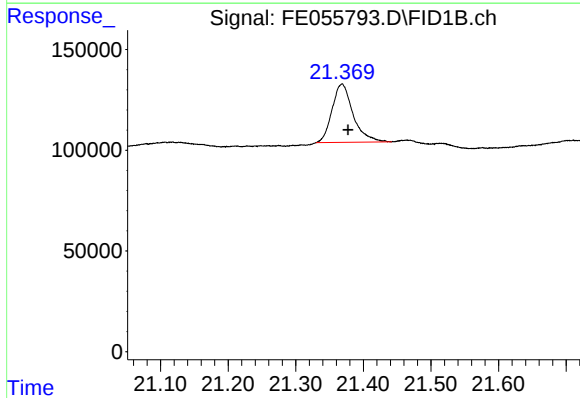
R.T.: 19.066 min
Delta R.T.: -0.008 min
Response: 122827
Conc: 0.84 ug/ml

Instrument :
FID_E
ClientSampleId :



#19 n-Tetatriacontane (C34)

R.T.: 19.850 min
Delta R.T.: -0.009 min
Response: 113792
Conc: 0.81 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.368 min
Delta R.T.: -0.009 min
Response: 626565
Conc: 4.81 ug/ml