

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032025AL\
 Data File : FE052899.D
 Signal(s) : FID1B.ch
 Acq On : 20 Mar 2025 21:12
 Operator : YP\AJ
 Sample : Q1603-01DL 10X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 20 23:24:03 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)	11.904	590216	3.501 ug/ml
Spiked Amount 50.000		Recovery =	7.00%
12) S 1-chlorooctadecane (S...	13.350	462277	3.807 ug/ml
Spiked Amount 50.000		Recovery =	7.61%
Target Compounds			
4) T n-Dodecane (C12)	6.688	162625	1.044 ug/ml
5) T A~2-methylnaphthalene...	7.328	115727	0.714 ug/ml
6) T n-Tetradecane (C14)	8.525	380516	2.515 ug/ml
7) T n-Hexadecane (C16)	10.140	411289	2.690 ug/ml
8) T n-Octadecane (C18)	11.588	363978	2.392 ug/ml
10) T n-Eicosane (C20)	12.904	265947	1.832 ug/ml
11) T n-Heneicosane (C21)	13.518	167671	1.178 ug/ml
13) T n-Docosane (C22)	14.106	147586	1.037 ug/ml
14) T n-Tetracosane (C24)	15.190	336217	2.349 ug/ml
16) T n-Octacosane (C28)	17.197	88773	0.624 ug/ml

(f)=RT Delta > 1/2 Window

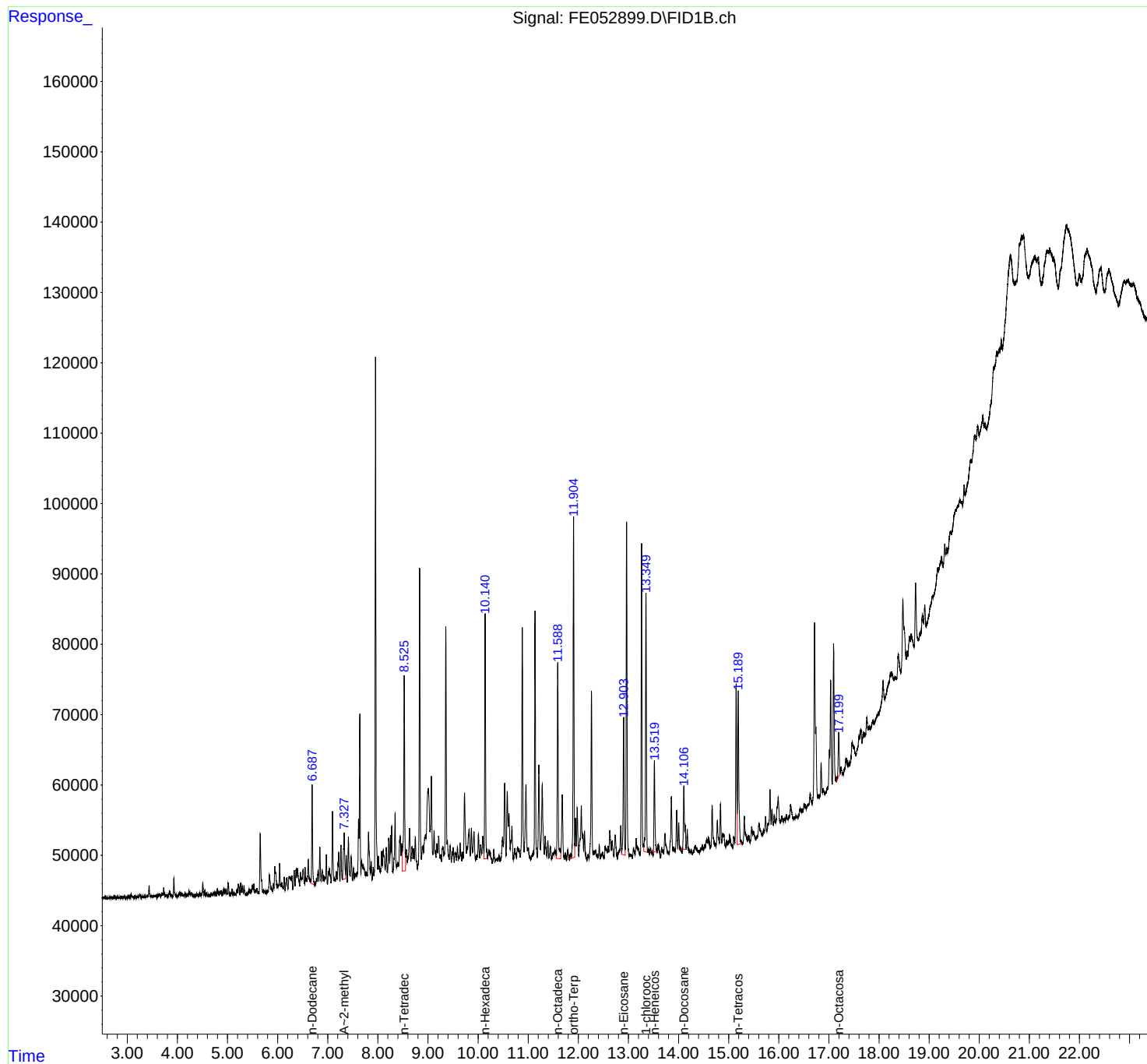
(m)=manual int.

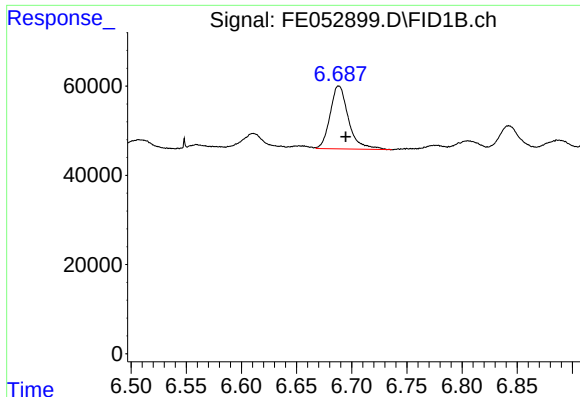
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Signal Info : 20M x 0.18mm x 0.18um

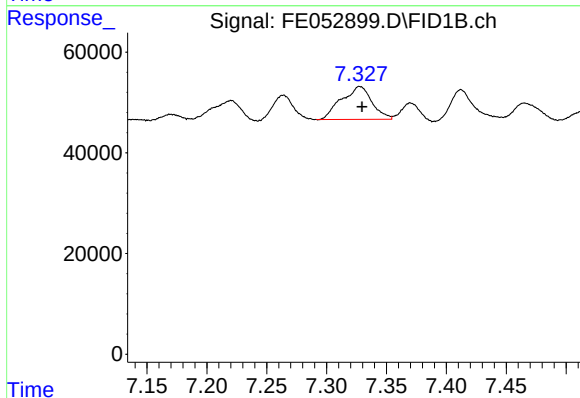




#4 n-Dodecane (C12)

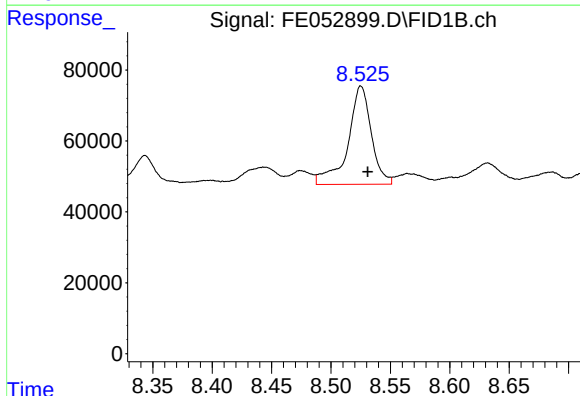
R.T.: 6.688 min
Delta R.T.: -0.006 min
Response: 162625
Conc: 1.04 ug/ml

Instrument :
FID_E
ClientSampleId :



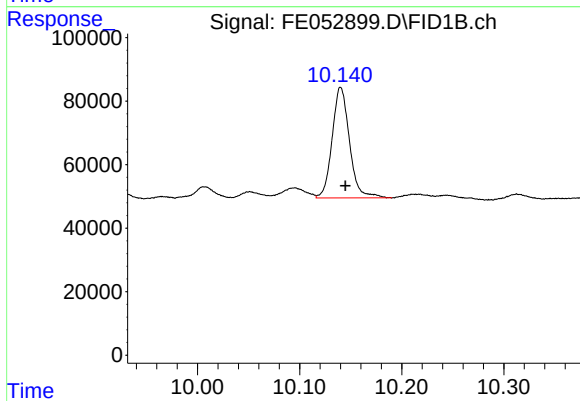
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.328 min
Delta R.T.: -0.002 min
Response: 115727
Conc: 0.71 ug/ml



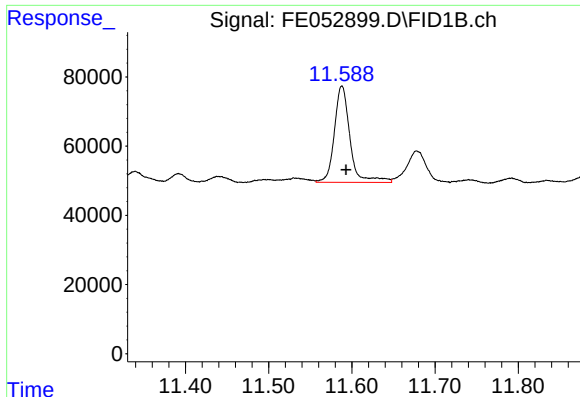
#6 n-Tetradecane (C14)

R.T.: 8.525 min
Delta R.T.: -0.005 min
Response: 380516
Conc: 2.51 ug/ml



#7 n-Hexadecane (C16)

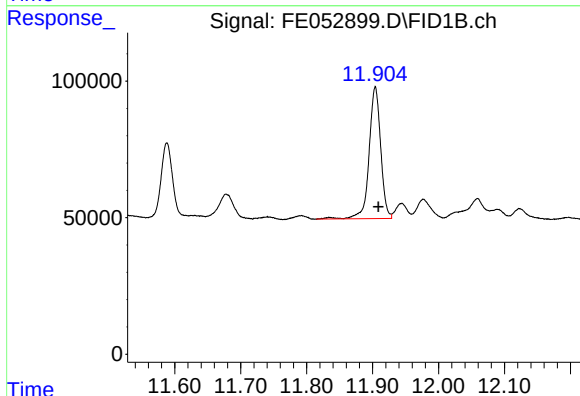
R.T.: 10.140 min
Delta R.T.: -0.004 min
Response: 411289
Conc: 2.69 ug/ml



#8 n-Octadecane (C18)

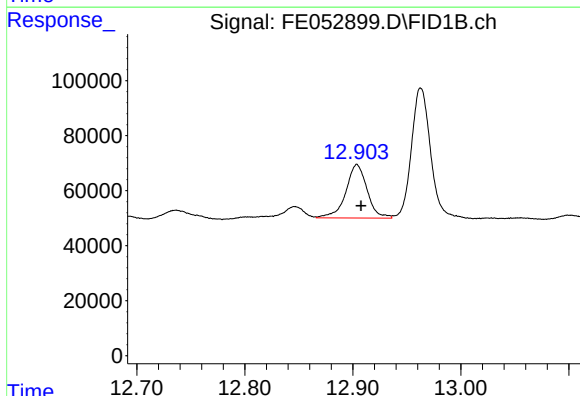
R.T.: 11.588 min
Delta R.T.: -0.005 min
Response: 363978
Conc: 2.39 ug/ml

Instrument :
FID_E
ClientSampleId :



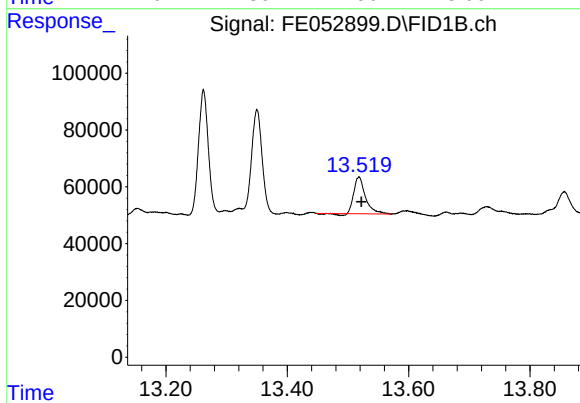
#9 ortho-Terphenyl (SURR)

R.T.: 11.904 min
Delta R.T.: -0.005 min
Response: 590216
Conc: 3.50 ug/ml



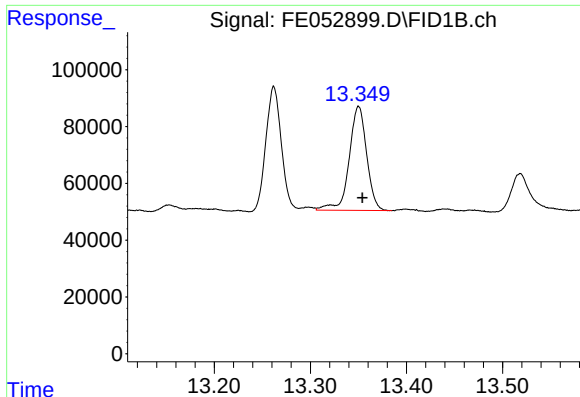
#10 n-Eicosane (C20)

R.T.: 12.904 min
Delta R.T.: -0.004 min
Response: 265947
Conc: 1.83 ug/ml



#11 n-Heneicosane (C21)

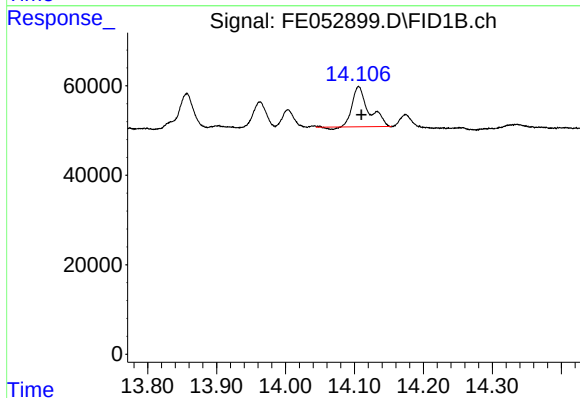
R.T.: 13.518 min
Delta R.T.: -0.004 min
Response: 167671
Conc: 1.18 ug/ml



#12 1-chlorooctadecane (SURR)

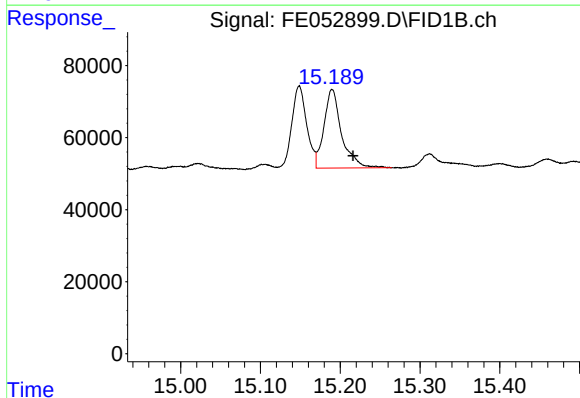
R.T.: 13.350 min
Delta R.T.: -0.004 min
Response: 462277
Conc: 3.81 ug/ml

Instrument :
FID_E
ClientSampleId :



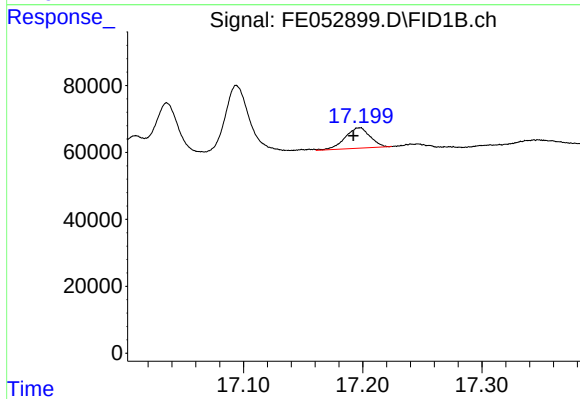
#13 n-Docosane (C22)

R.T.: 14.106 min
Delta R.T.: -0.004 min
Response: 147586
Conc: 1.04 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.190 min
Delta R.T.: -0.026 min
Response: 336217
Conc: 2.35 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.197 min
Delta R.T.: 0.005 min
Response: 88773
Conc: 0.62 ug/ml