

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032025AL\
 Data File : FE052897.D
 Signal(s) : FID1B.ch
 Acq On : 20 Mar 2025 20:11
 Operator : YP\AJ
 Sample : Q1607-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Mar 20 23:23:42 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)	11.907	5601909	33.229 ug/ml
Spiked Amount 50.000		Recovery =	66.46%
12) S 1-chlorooctadecane (S...	13.352	4601380	37.894 ug/ml
Spiked Amount 50.000		Recovery =	75.79%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.221	829618	4.892 ug/ml
5) T A~2-methylnaphthalene...	7.324	415962	2.567 ug/ml
6) T n-Tetradecane (C14)	8.474f	98821	0.653 ug/ml
7) T n-Hexadecane (C16)	10.147	250889	1.641 ug/ml
8) T n-Octadecane (C18)	11.589	110609	0.727 ug/ml
10) T n-Eicosane (C20)	12.905	159787	1.101 ug/ml
11) T n-Heneicosane (C21)	13.530	171886	1.208 ug/ml
13) T n-Docosane (C22)	14.107	39705	0.279 ug/ml
14) T n-Tetracosane (C24)	15.189	745793	5.211 ug/ml
16) T n-Octacosane (C28)	17.198	285509	2.008 ug/ml
17) T n-Tricontane (C30)	18.079	348353	2.359 ug/ml
19) T n-Tetratriacontane (C34)	19.701	71157	0.528 ug/ml

(f)=RT Delta > 1/2 Window

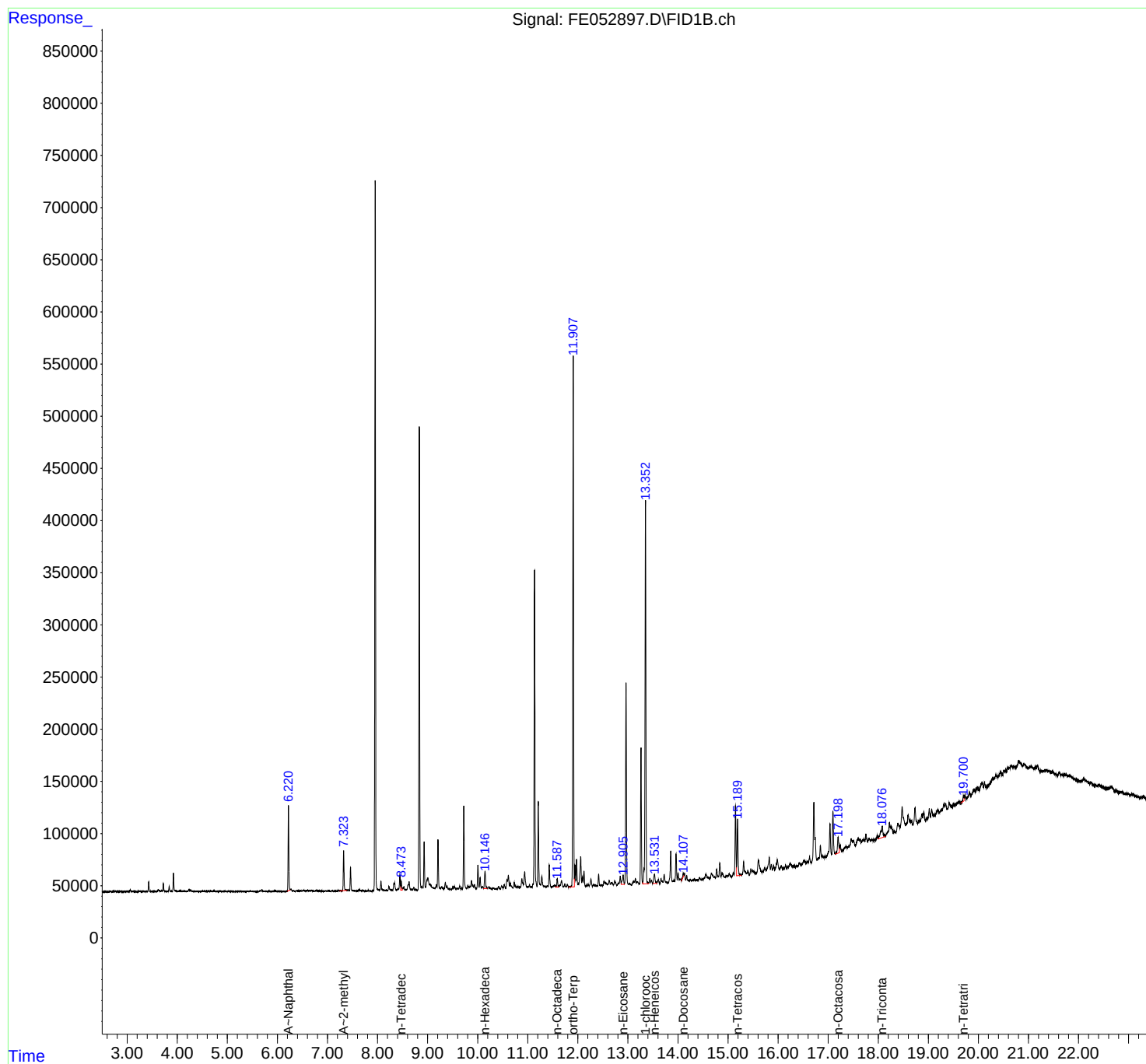
(m)=manual int.

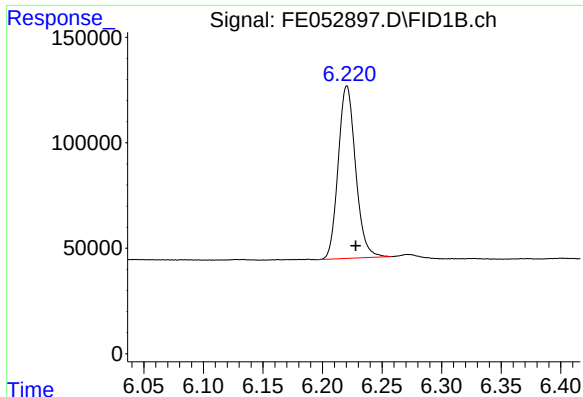
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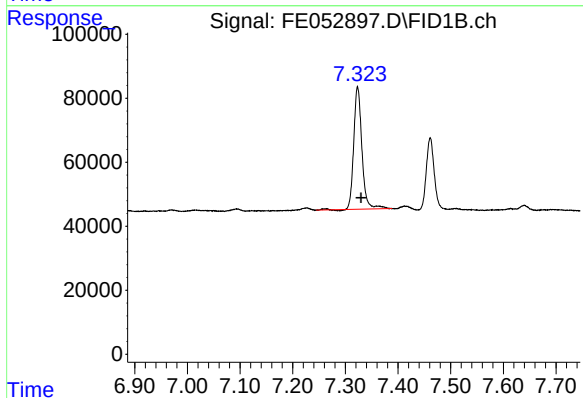




#3 A~Naphthalene (C11.7)

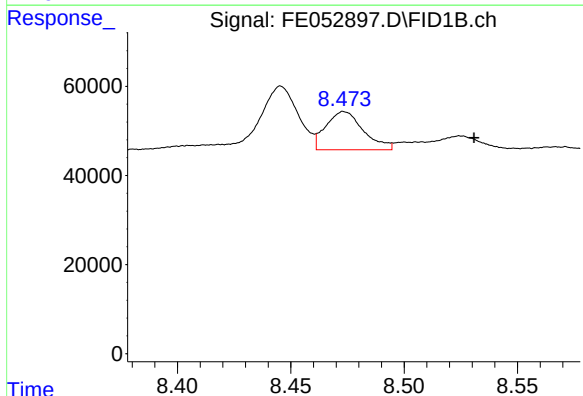
R.T.: 6.221 min
Delta R.T.: -0.007 min
Response: 829618
Conc: 4.89 ug/ml

Instrument :
FID_E
ClientSampleId :



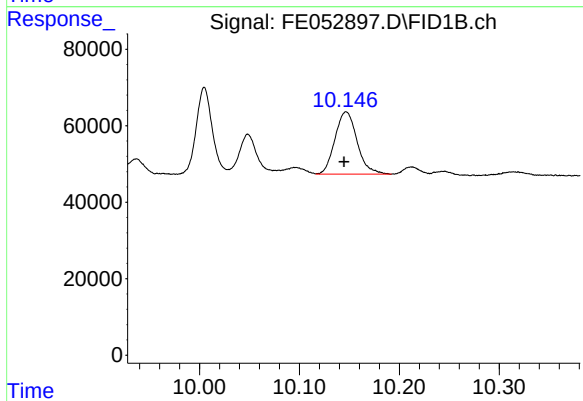
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.324 min
Delta R.T.: -0.006 min
Response: 415962
Conc: 2.57 ug/ml



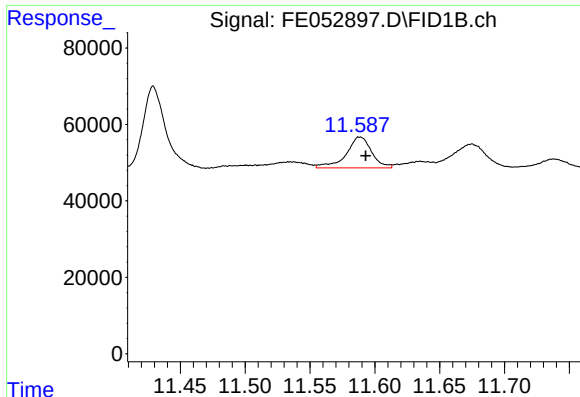
#6 n-Tetradecane (C14)

R.T.: 8.474 min
Delta R.T.: -0.057 min
Response: 98821
Conc: 0.65 ug/ml



#7 n-Hexadecane (C16)

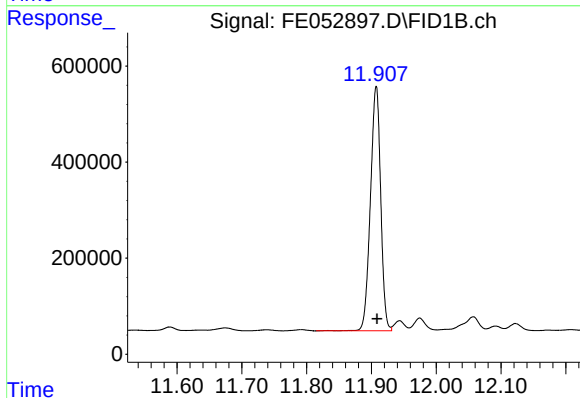
R.T.: 10.147 min
Delta R.T.: 0.002 min
Response: 250889
Conc: 1.64 ug/ml



#8 n-Octadecane (C18)

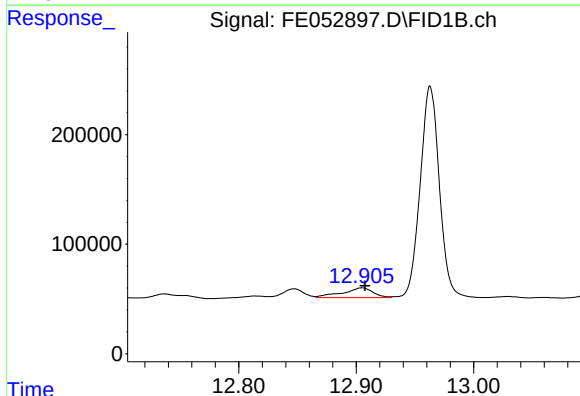
R.T.: 11.589 min
Delta R.T.: -0.004 min
Response: 110609
Conc: 0.73 ug/ml

Instrument :
FID_E
ClientSampleId :



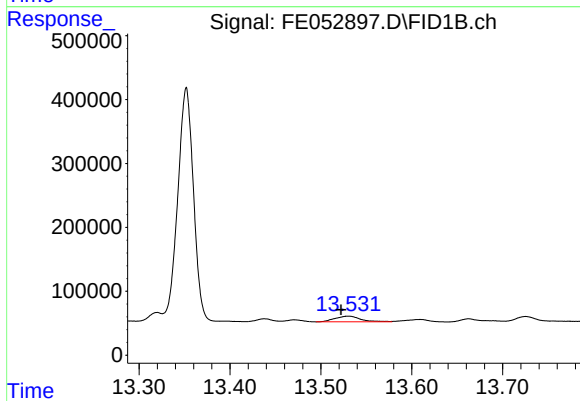
#9 ortho-Terphenyl (SURR)

R.T.: 11.907 min
Delta R.T.: -0.001 min
Response: 5601909
Conc: 33.23 ug/ml



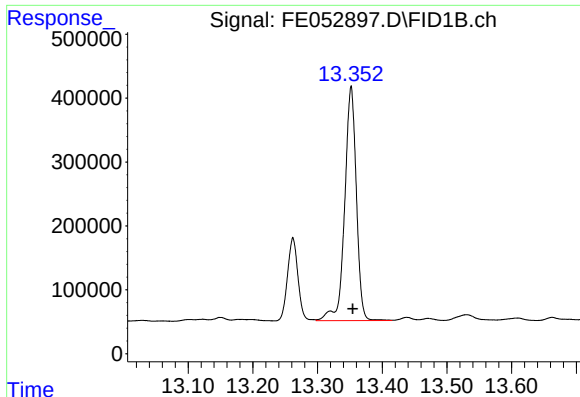
#10 n-Eicosane (C20)

R.T.: 12.905 min
Delta R.T.: -0.003 min
Response: 159787
Conc: 1.10 ug/ml



#11 n-Heneicosane (C21)

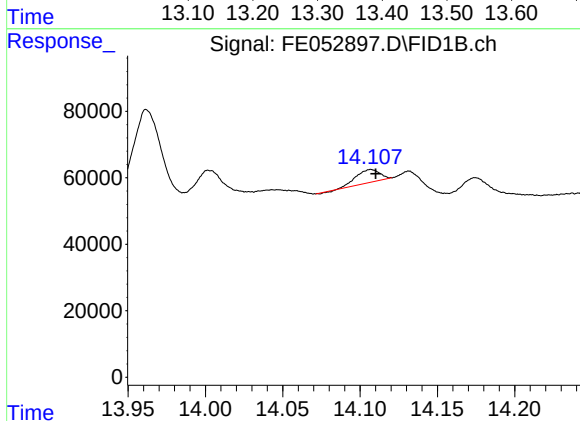
R.T.: 13.530 min
Delta R.T.: 0.008 min
Response: 171886
Conc: 1.21 ug/ml



#12 1-chlorooctadecane (SURR)

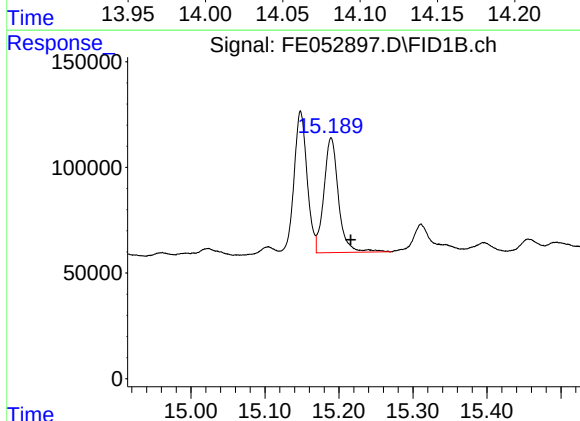
R.T.: 13.352 min
Delta R.T.: -0.002 min
Response: 4601380
Conc: 37.89 ug/ml

Instrument :
FID_E
ClientSampleId :



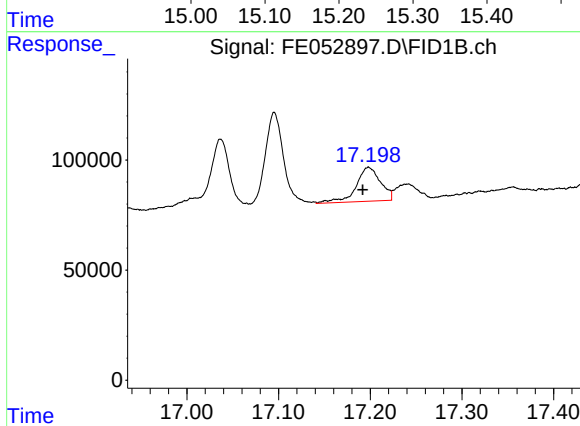
#13 n-Docosane (C22)

R.T.: 14.107 min
Delta R.T.: -0.003 min
Response: 39705
Conc: 0.28 ug/ml



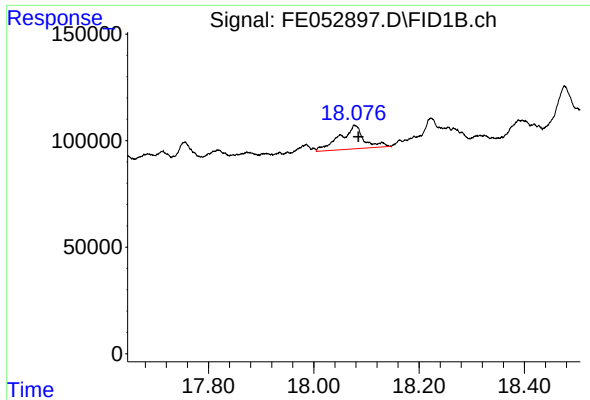
#14 n-Tetracosane (C24)

R.T.: 15.189 min
Delta R.T.: -0.027 min
Response: 745793
Conc: 5.21 ug/ml



#16 n-Octacosane (C28)

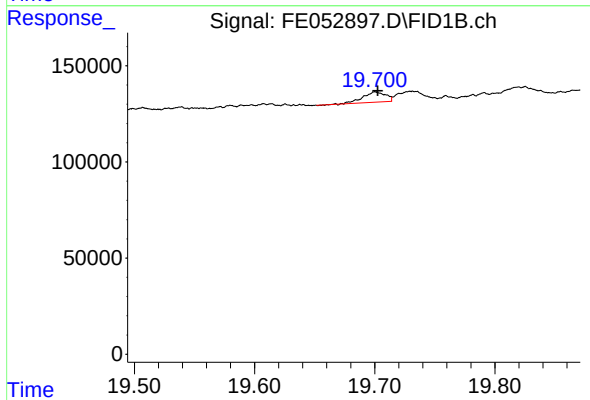
R.T.: 17.198 min
Delta R.T.: 0.006 min
Response: 285509
Conc: 2.01 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.079 min
Delta R.T.: -0.006 min
Response: 348353
Conc: 2.36 ug/ml

Instrument :
FID_E
ClientSampleId :



#19 n-Tetratriacontane (C34)

R.T.: 19.701 min
Delta R.T.: -0.001 min
Response: 71157
Conc: 0.53 ug/ml