

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082025AL\
 Data File : FE055412.D
 Signal(s) : FID1B.ch
 Acq On : 20 Aug 2025 15:34
 Operator : YP\AJ
 Sample : Q2868-07
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 21 01:19:39 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 13:47:09 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)	12.097	7245253	50.736 ug/ml
Spiked Amount 50.000		Recovery =	101.47%
12) S 1-chlorooctadecane (S...	13.513	77378607	719.640 ug/ml
Spiked Amount 50.000		Recovery =	1439.28%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.399	699703	5.213 ug/ml
5) T A~2-methylnaphthalene...	7.499	350798	2.691 ug/ml
6) T n-Tetradecane (C14)	8.678	475444	3.878 ug/ml
7) T n-Hexadecane (C16)	10.332	3831937	29.974 ug/ml
8) T n-Octadecane (C18)	11.728	1186812	9.096 ug/ml
10) T n-Eicosane (C20)	13.097	3899526	31.079 ug/ml
11) T n-Heneicosane (C21)	13.675	3459413	28.064 ug/ml
13) T n-Docosane (C22)	14.302	4164642	34.103 ug/ml
14) T n-Tetracosane (C24)	15.383	38056937	312.881 ug/ml
15) T n-Hexacosane (C26)	16.421	4209656	35.184 ug/ml
16) T n-Octacosane (C28)	17.361	29741718	250.723 ug/ml
17) T n-Tricontane (C30)	18.263	2088496	16.973 ug/ml
19) T n-Tetratriacontane (C34)	19.913	453628	3.880 ug/ml
22) T n-Tetracontane (C40)	22.342	1761994	16.849 ug/ml

(f)=RT Delta > 1/2 Window

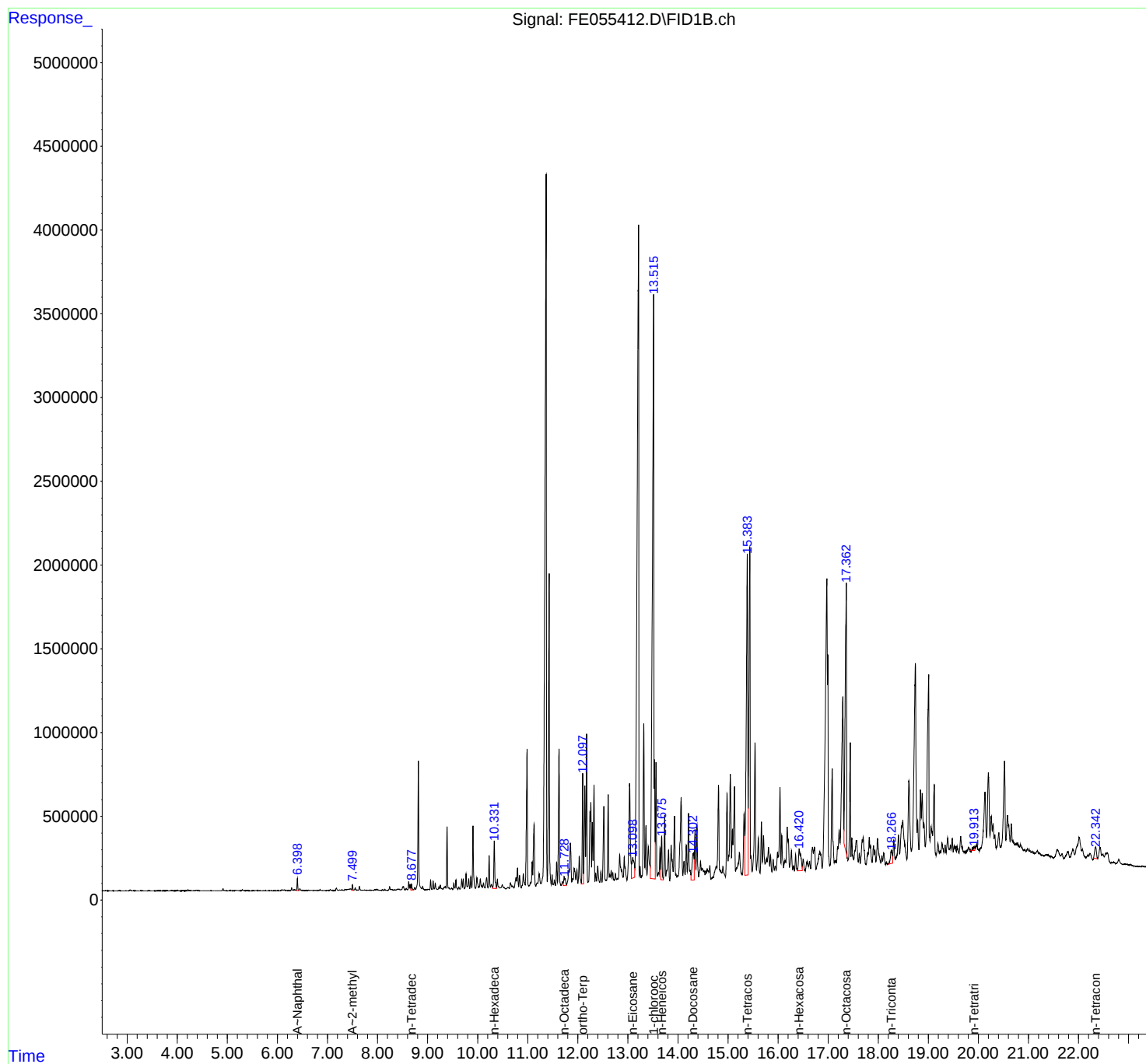
(m)=manual int.

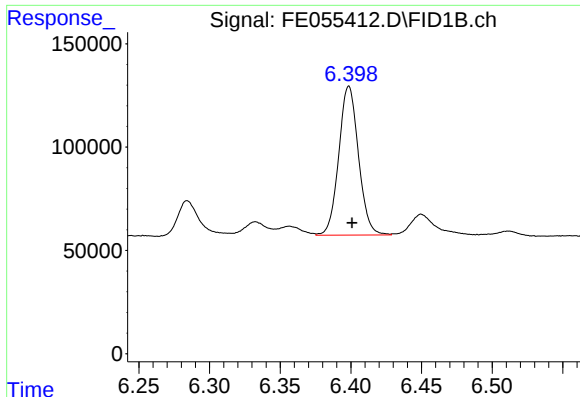
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Signal Info : 20M x 0.18mm x 0.18um

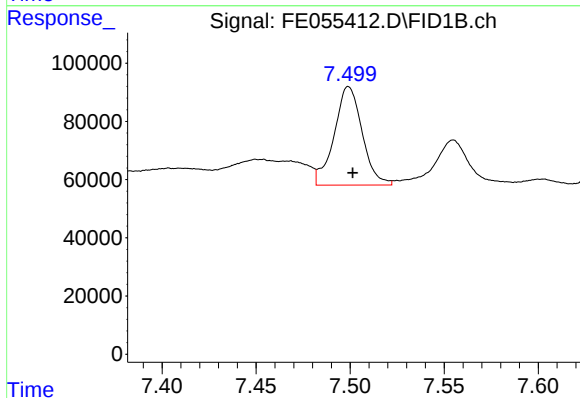




#3 A~Naphthalene (C11.7)

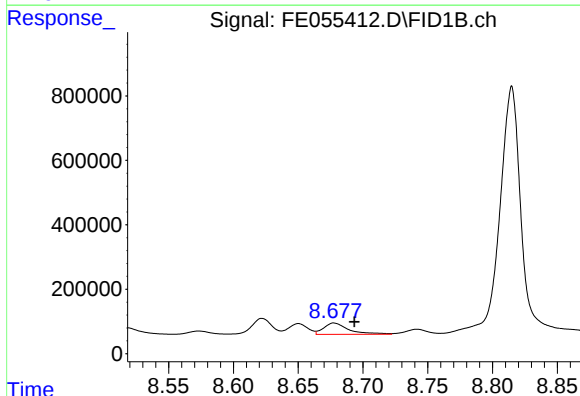
R.T.: 6.399 min
Delta R.T.: -0.002 min
Response: 699703
Conc: 5.21 ug/ml

Instrument :
FID_E
ClientSampleId :



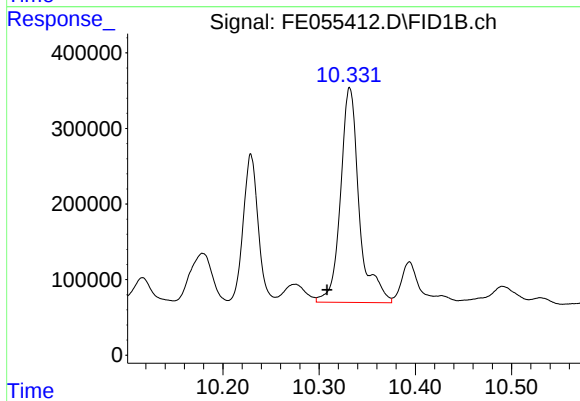
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.499 min
Delta R.T.: -0.002 min
Response: 350798
Conc: 2.69 ug/ml



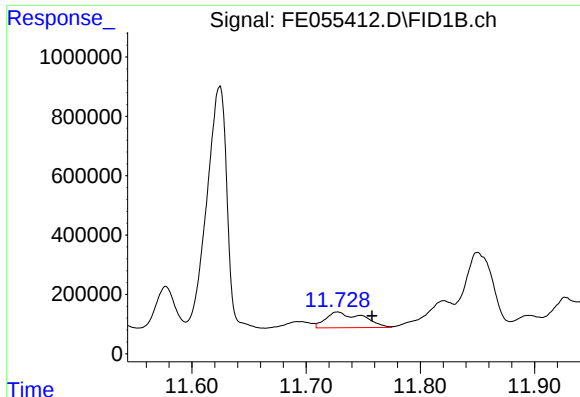
#6 n-Tetradecane (C14)

R.T.: 8.678 min
Delta R.T.: -0.016 min
Response: 475444
Conc: 3.88 ug/ml



#7 n-Hexadecane (C16)

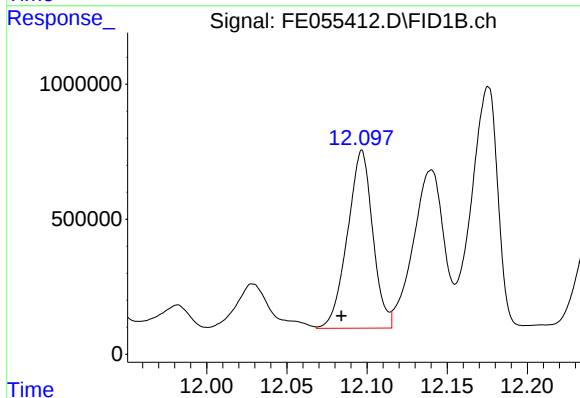
R.T.: 10.332 min
Delta R.T.: 0.024 min
Response: 3831937
Conc: 29.97 ug/ml



#8 n-Octadecane (C18)

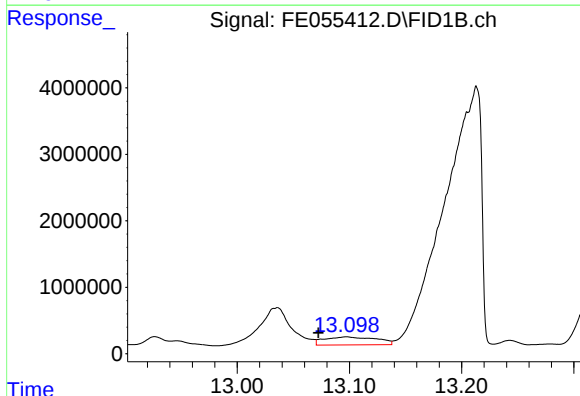
R.T.: 11.728 min
Delta R.T.: -0.030 min
Response: 1186812
Conc: 9.10 ug/ml

Instrument :
FID_E
ClientSampleId :



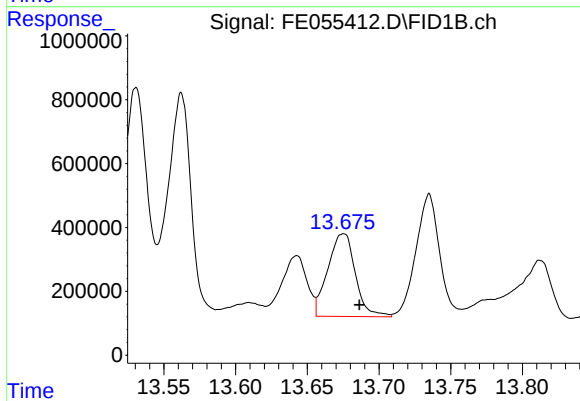
#9 ortho-Terphenyl (SURR)

R.T.: 12.097 min
Delta R.T.: 0.013 min
Response: 7245253
Conc: 50.74 ug/ml



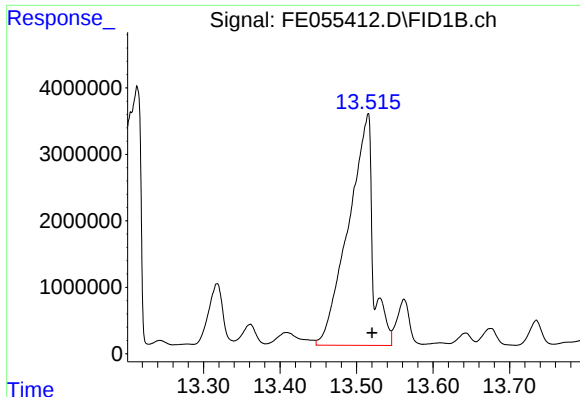
#10 n-Eicosane (C20)

R.T.: 13.097 min
Delta R.T.: 0.025 min
Response: 3899526
Conc: 31.08 ug/ml



#11 n-Heneicosane (C21)

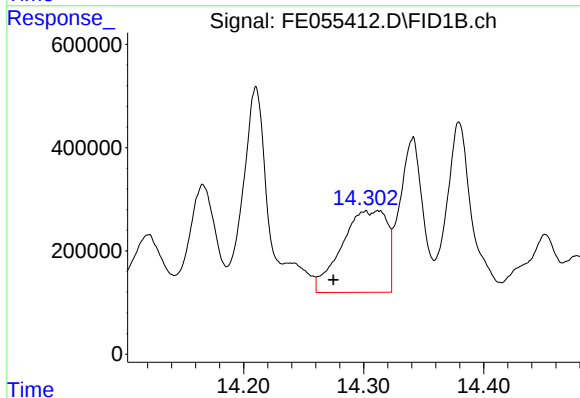
R.T.: 13.675 min
Delta R.T.: -0.011 min
Response: 3459413
Conc: 28.06 ug/ml



#12 1-chlorooctadecane (SURR)

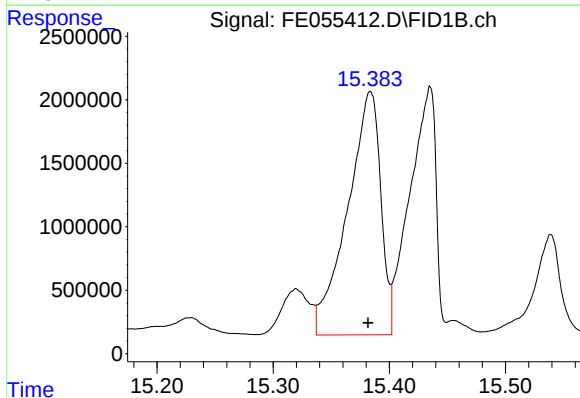
R.T.: 13.513 min
Delta R.T.: -0.007 min
Response: 77378607
Conc: 719.64 ug/ml

Instrument :
FID_E
ClientSampleId :



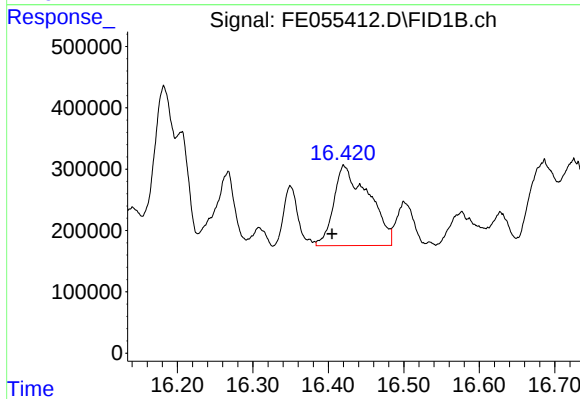
#13 n-Docosane (C22)

R.T.: 14.302 min
Delta R.T.: 0.027 min
Response: 4164642
Conc: 34.10 ug/ml



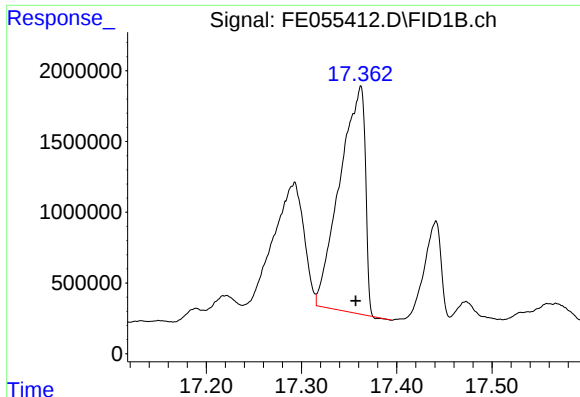
#14 n-Tetracosane (C24)

R.T.: 15.383 min
Delta R.T.: 0.002 min
Response: 38056937
Conc: 312.88 ug/ml



#15 n-Hexacosane (C26)

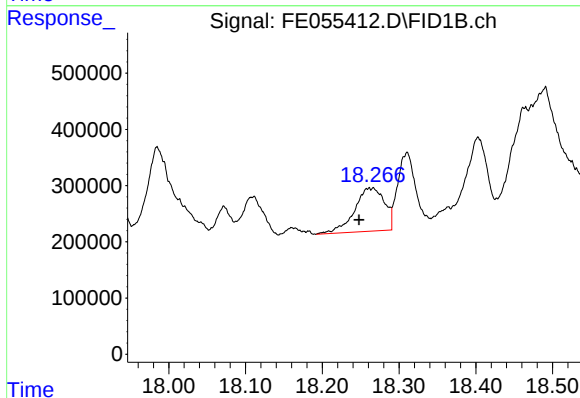
R.T.: 16.421 min
Delta R.T.: 0.016 min
Response: 4209656
Conc: 35.18 ug/ml



#16 n-Octacosane (C28)

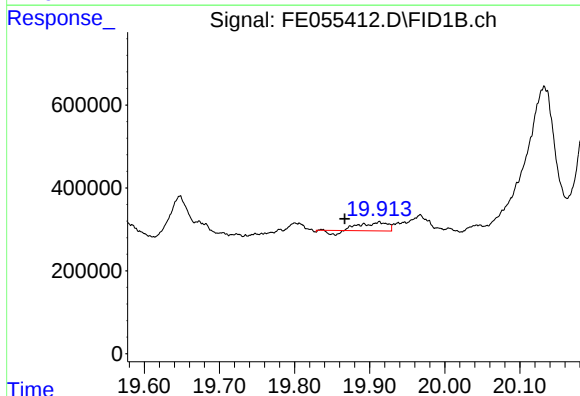
R.T.: 17.361 min
Delta R.T.: 0.004 min
Response: 29741718
Conc: 250.72 ug/ml

Instrument :
FID_E
ClientSampleId :



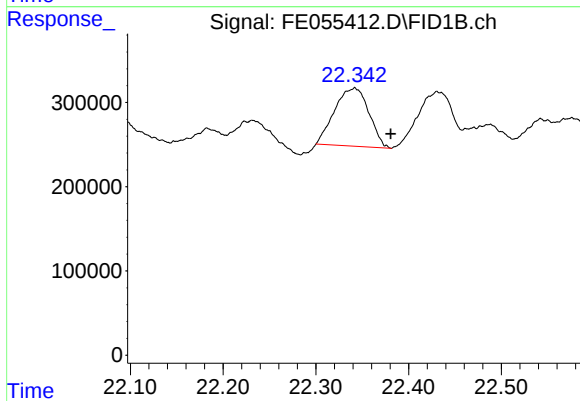
#17 n-Tricontane (C30)

R.T.: 18.263 min
Delta R.T.: 0.015 min
Response: 2088496
Conc: 16.97 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.913 min
Delta R.T.: 0.046 min
Response: 453628
Conc: 3.88 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.342 min
Delta R.T.: -0.039 min
Response: 1761994
Conc: 16.85 ug/ml