

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082025AL\
 Data File : FE055410.D
 Signal(s) : FID1B.ch
 Acq On : 20 Aug 2025 14:34
 Operator : YP\AJ
 Sample : Q2868-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 21 01:19:02 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)	12.094	6424823	44.991 ug/ml
Spiked Amount 50.000		Recovery =	89.98%
12) S 1-chlorooctadecane (S...	13.505	63914945	594.425 ug/ml
Spiked Amount 50.000		Recovery =	1188.85%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.399	247902	1.847 ug/ml
5) T A~2-methylnaphthalene...	7.499	151474	1.162 ug/ml
6) T n-Tetradecane (C14)	8.677	367464	2.997 ug/ml
7) T n-Hexadecane (C16)	10.330	3238194	25.329 ug/ml
8) T n-Octadecane (C18)	11.726	1095834	8.399 ug/ml
10) T n-Eicosane (C20)	13.089	3631177	28.940 ug/ml
11) T n-Heneicosane (C21)	13.670	2630905	21.343 ug/ml
13) T n-Docosane (C22)	14.299	3497201	28.637 ug/ml
14) T n-Tetracosane (C24)	15.376	31428589	258.387 ug/ml
15) T n-Hexacosane (C26)	16.414	2151600	17.983 ug/ml
16) T n-Octacosane (C28)	17.350	24298364	204.836 ug/ml
17) T n-Tricontane (C30)	18.258	1722134	13.996 ug/ml
18) T n-Dotriacontane (C32)	19.104	4176619	34.231 ug/ml
22) T n-Tetracontane (C40)	22.338	1921699	18.376 ug/ml

(f)=RT Delta > 1/2 Window

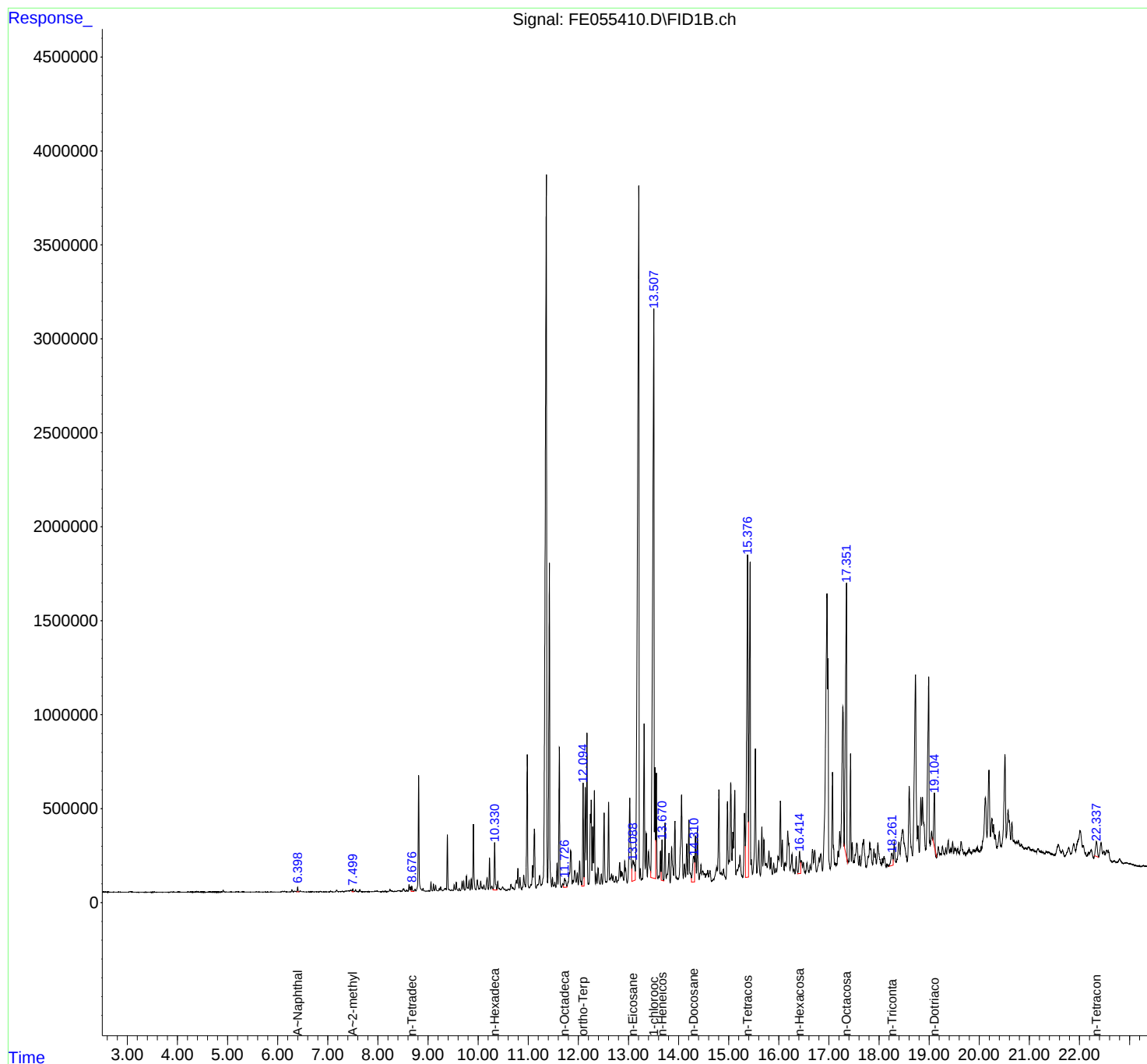
(m)=manual int.

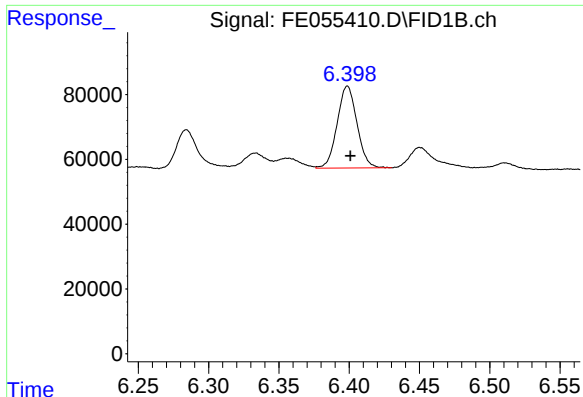
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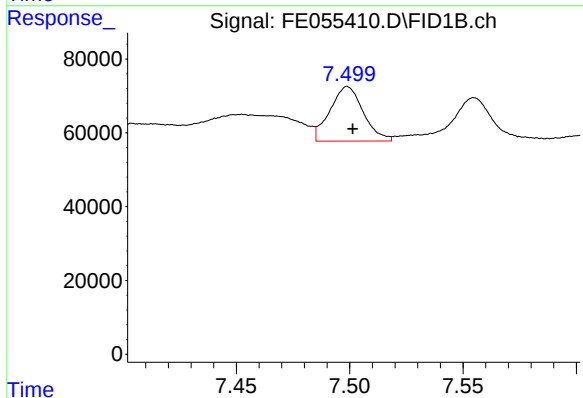




#3 A~Naphthalene (C11.7)

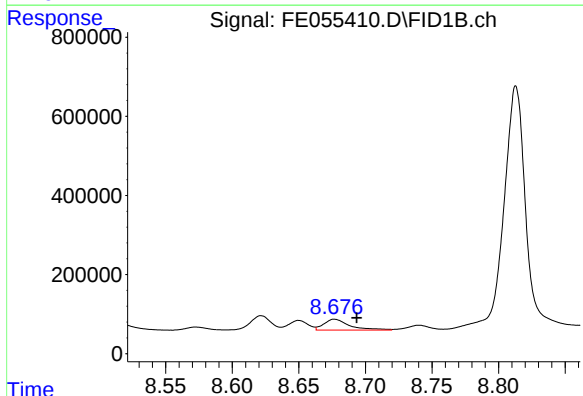
R.T.: 6.399 min
Delta R.T.: -0.002 min
Response: 247902
Conc: 1.85 ug/ml

Instrument :
FID_E
ClientSampleId :



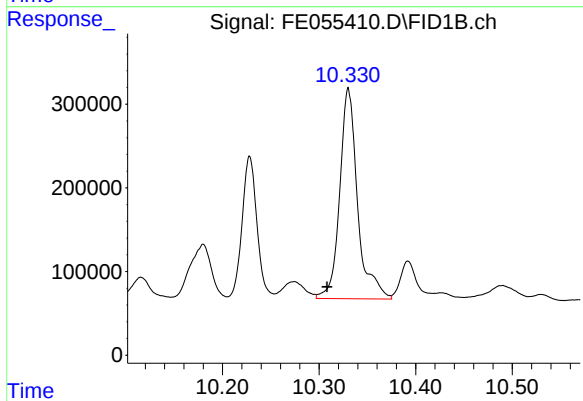
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.499 min
Delta R.T.: -0.002 min
Response: 151474
Conc: 1.16 ug/ml



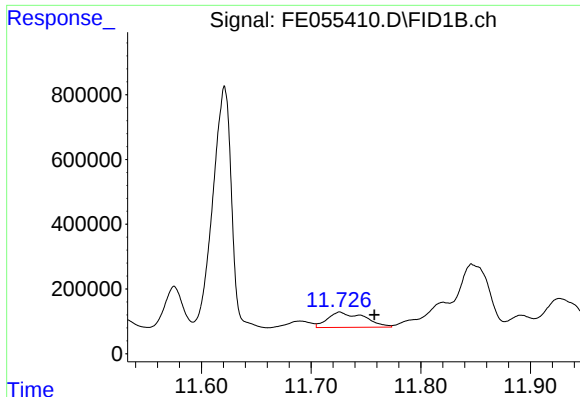
#6 n-Tetradecane (C14)

R.T.: 8.677 min
Delta R.T.: -0.016 min
Response: 367464
Conc: 3.00 ug/ml



#7 n-Hexadecane (C16)

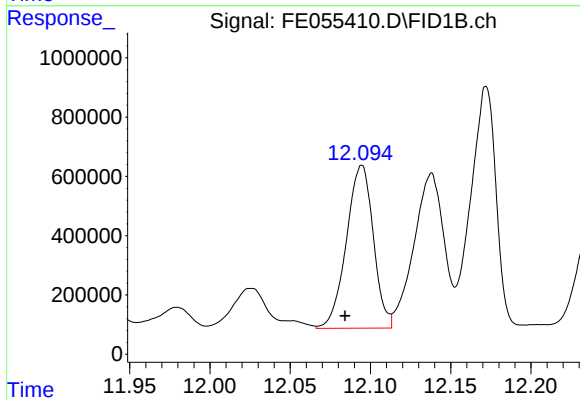
R.T.: 10.330 min
Delta R.T.: 0.022 min
Response: 3238194
Conc: 25.33 ug/ml



#8 n-Octadecane (C18)

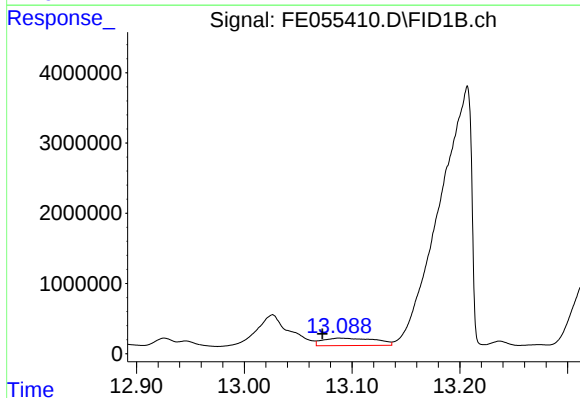
R.T.: 11.726 min
Delta R.T.: -0.032 min
Response: 1095834
Conc: 8.40 ug/ml

Instrument :
FID_E
ClientSampleId :



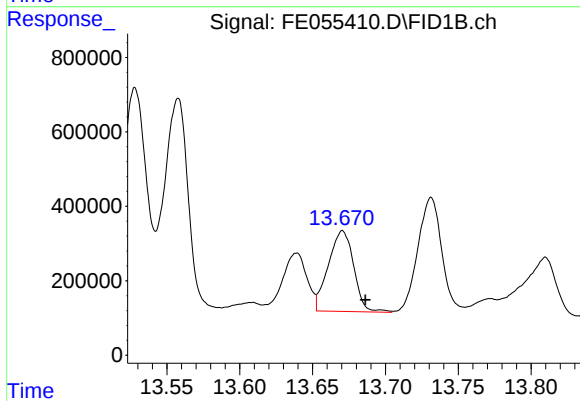
#9 ortho-Terphenyl (SURR)

R.T.: 12.094 min
Delta R.T.: 0.010 min
Response: 6424823
Conc: 44.99 ug/ml



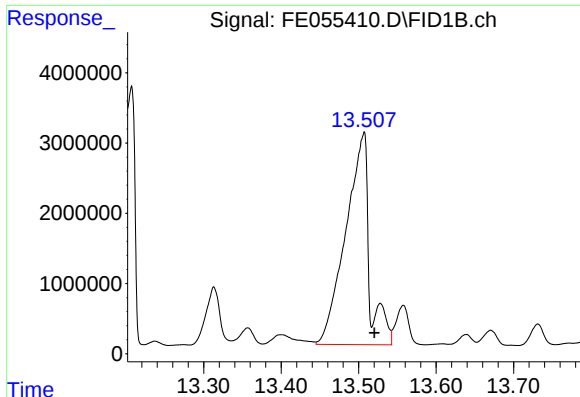
#10 n-Eicosane (C20)

R.T.: 13.089 min
Delta R.T.: 0.017 min
Response: 3631177
Conc: 28.94 ug/ml



#11 n-Heneicosane (C21)

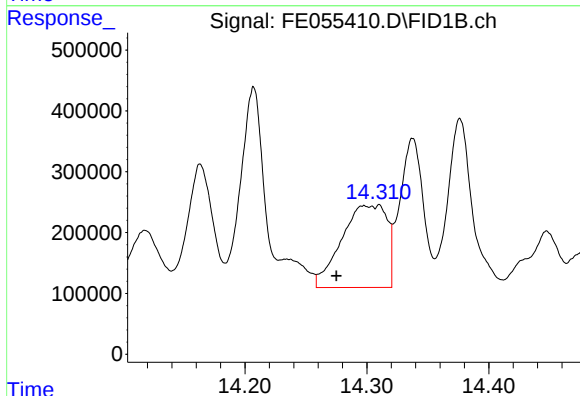
R.T.: 13.670 min
Delta R.T.: -0.016 min
Response: 2630905
Conc: 21.34 ug/ml



#12 1-chlorooctadecane (SURR)

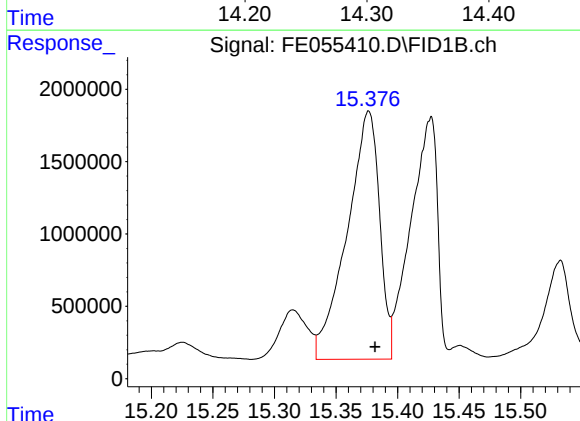
R.T.: 13.505 min
Delta R.T.: -0.015 min
Response: 63914945
Conc: 594.42 ug/ml

Instrument :
FID_E
ClientSampleId :



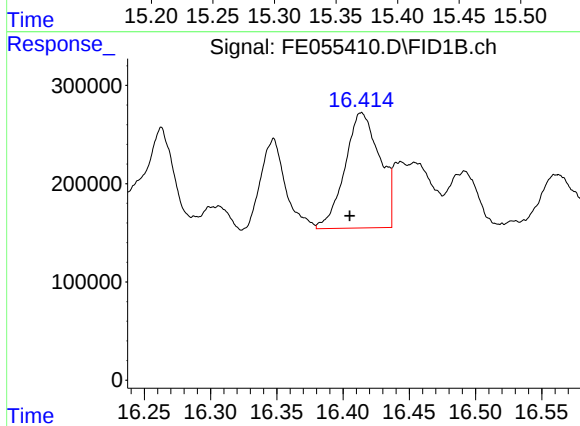
#13 n-Docosane (C22)

R.T.: 14.299 min
Delta R.T.: 0.024 min
Response: 3497201
Conc: 28.64 ug/ml



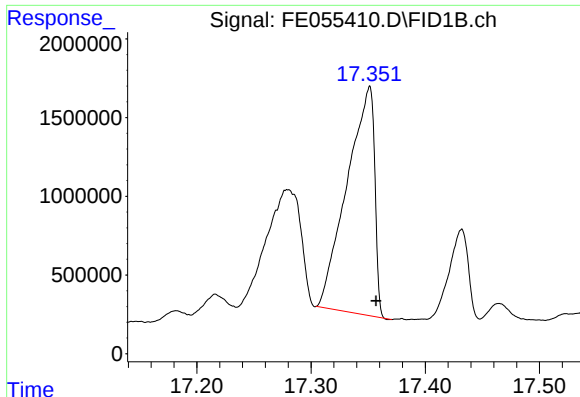
#14 n-Tetracosane (C24)

R.T.: 15.376 min
Delta R.T.: -0.005 min
Response: 31428589
Conc: 258.39 ug/ml



#15 n-Hexacosane (C26)

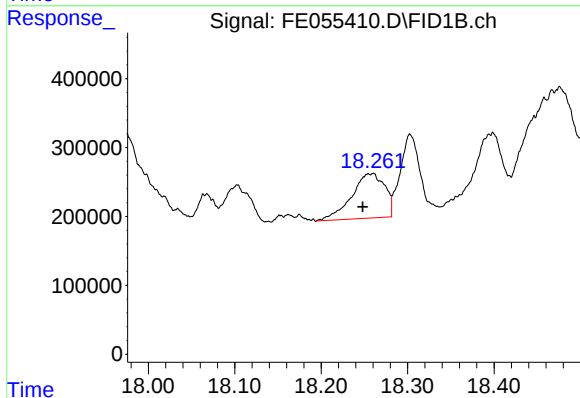
R.T.: 16.414 min
Delta R.T.: 0.009 min
Response: 2151600
Conc: 17.98 ug/ml



#16 n-Octacosane (C28)

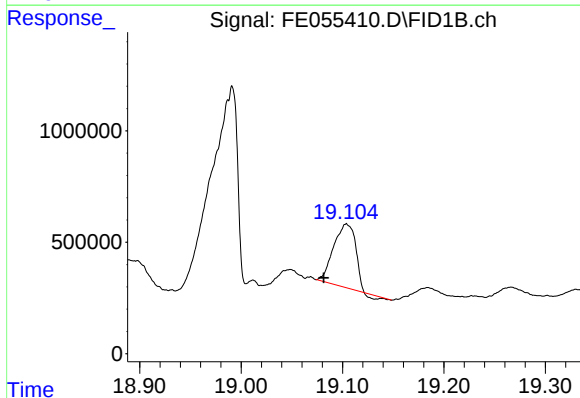
R.T.: 17.350 min
Delta R.T.: -0.007 min
Response: 24298364
Conc: 204.84 ug/ml

Instrument :
FID_E
ClientSampleId :



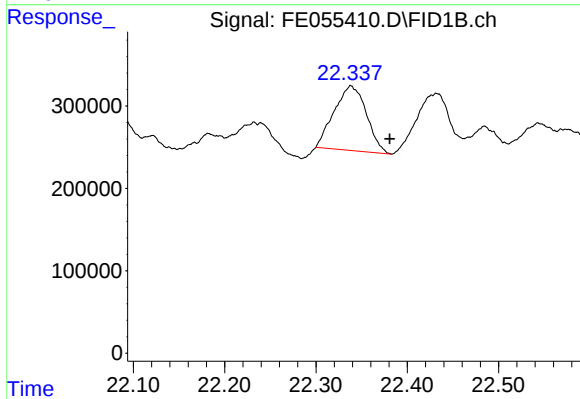
#17 n-Tricontane (C30)

R.T.: 18.258 min
Delta R.T.: 0.010 min
Response: 1722134
Conc: 14.00 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 19.104 min
Delta R.T.: 0.023 min
Response: 4176619
Conc: 34.23 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.338 min
Delta R.T.: -0.042 min
Response: 1921699
Conc: 18.38 ug/ml