

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090825AL\
 Data File : FE055713.D
 Signal(s) : FID1B.ch
 Acq On : 08 Sep 2025 11:43
 Operator : YP\AJ
 Sample : Q3026-01DL 5X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 08 12:16:51 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)	12.082	1051036	6.398 ug/ml
Spiked Amount 50.000		Recovery =	12.80%
12) S 1-chlorooctadecane (S...	13.520	956281	7.648 ug/ml
Spiked Amount 50.000		Recovery =	15.30%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.400	60497	0.416 ug/ml
5) T A~2-methylnaphthalene...	7.501	141850	1.009 ug/ml
6) T n-Tetradecane (C14)	8.688	127163	0.966 ug/ml
7) T n-Hexadecane (C16)	10.305	127570	0.921 ug/ml
10) T n-Eicosane (C20)	13.069	152218	1.057 ug/ml
13) T n-Docosane (C22)	14.324f	151241	1.057 ug/ml
14) T n-Tetracosane (C24)	15.381	493096	3.408 ug/ml
16) T n-Octacosane (C28)	17.360	80572	0.566 ug/ml
17) T n-Tricontane (C30)	18.249	408456	2.763 ug/ml
18) T n-Dotriacontane (C32)	19.084	314459	2.142 ug/ml
19) T n-Tetratriacontane (C34)	19.870	161668	1.144 ug/ml
20) T n-Hexatriacontane (C36)	20.611	109261	0.828 ug/ml
22) T n-Tetracontane (C40)	22.397	158997	1.240 ug/ml

(f)=RT Delta > 1/2 Window

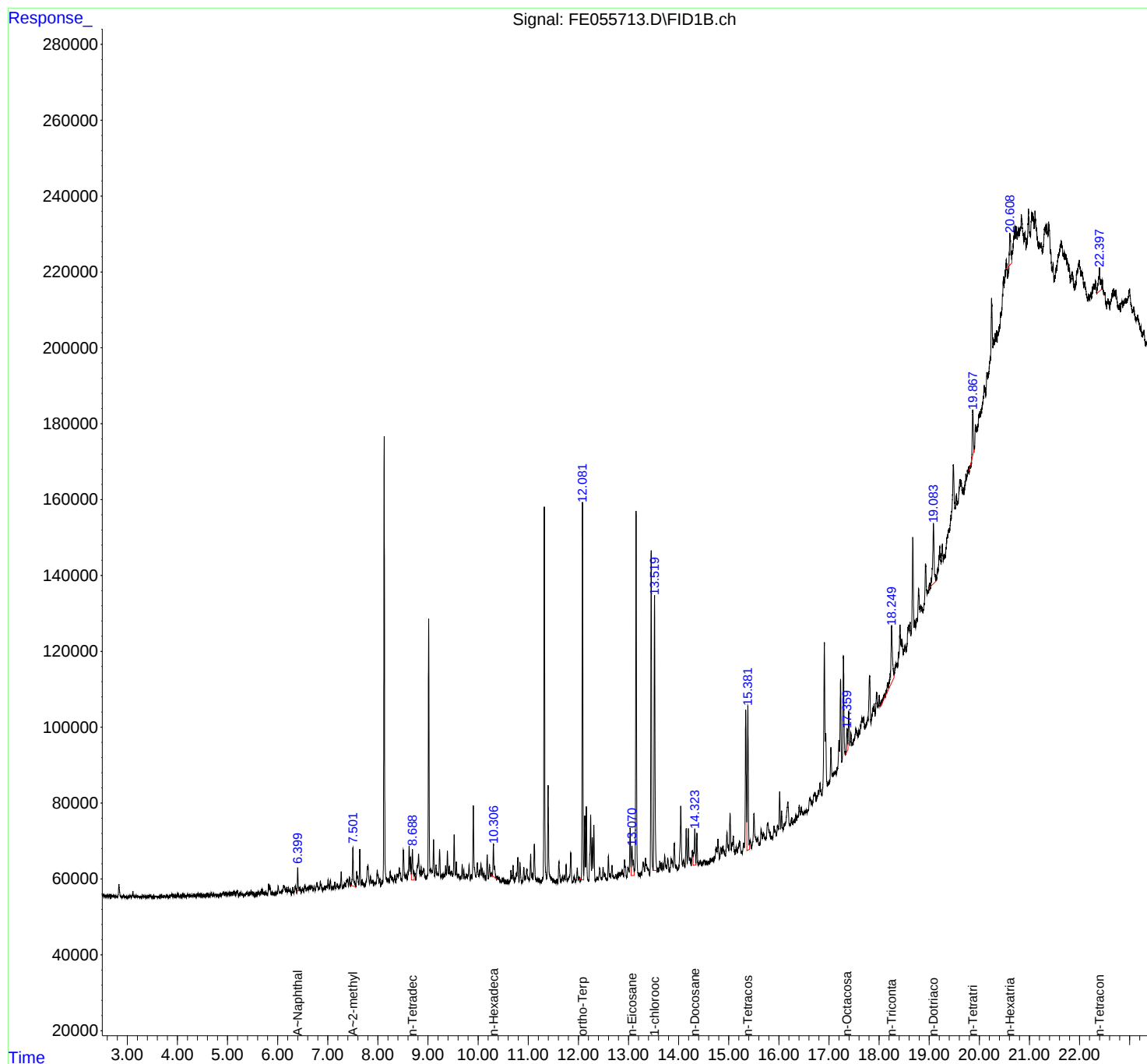
(m)=manual int.

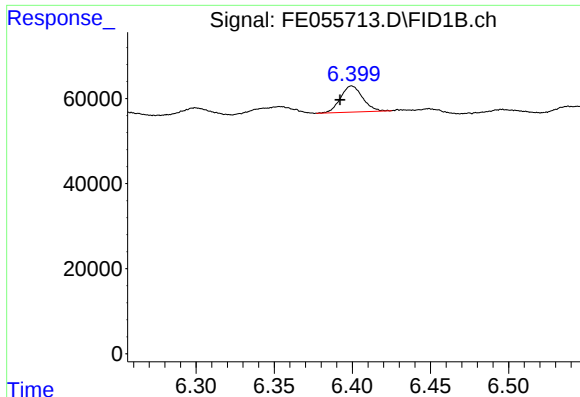
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Signal Info : 20M x 0.18mm x 0.18um

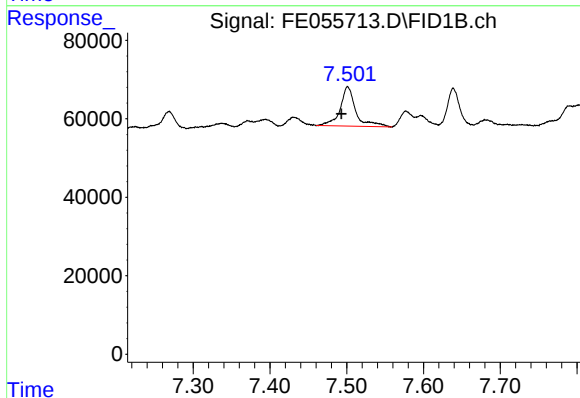




#3 A~Naphthalene (C11.7)

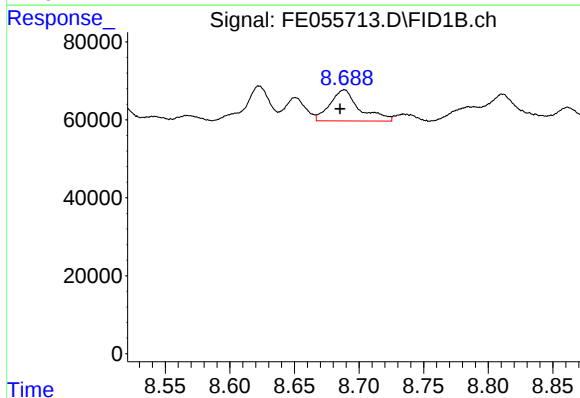
R.T.: 6.400 min
Delta R.T.: 0.008 min
Response: 60497
Conc: 0.42 ug/ml

Instrument :
FID_E
ClientSampleId :



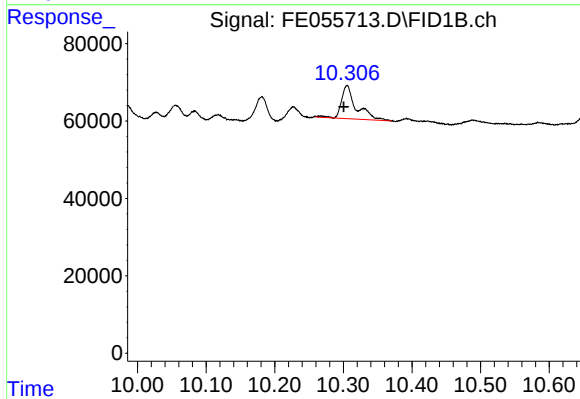
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.501 min
Delta R.T.: 0.008 min
Response: 141850
Conc: 1.01 ug/ml



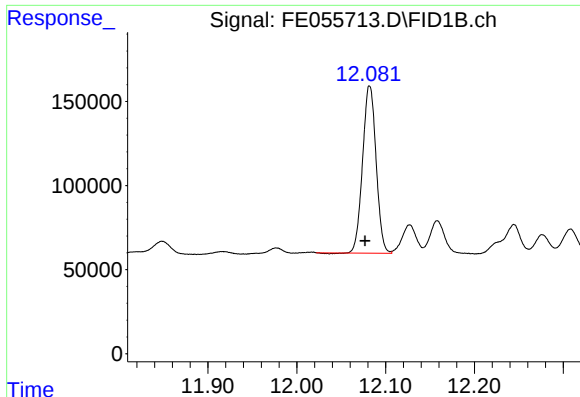
#6 n-Tetradecane (C14)

R.T.: 8.688 min
Delta R.T.: 0.003 min
Response: 127163
Conc: 0.97 ug/ml



#7 n-Hexadecane (C16)

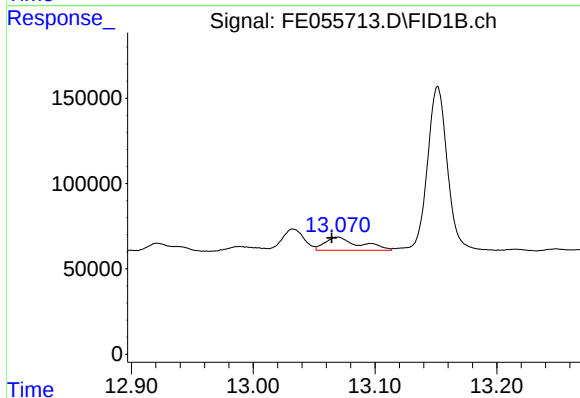
R.T.: 10.305 min
Delta R.T.: 0.005 min
Response: 127570
Conc: 0.92 ug/ml



#9 ortho-Terphenyl (SURR)

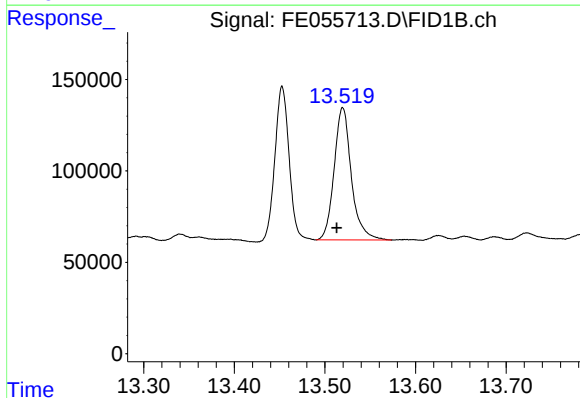
R.T.: 12.082 min
Delta R.T.: 0.005 min
Response: 1051036
Conc: 6.40 ug/ml

Instrument :
FID_E
ClientSampleId :



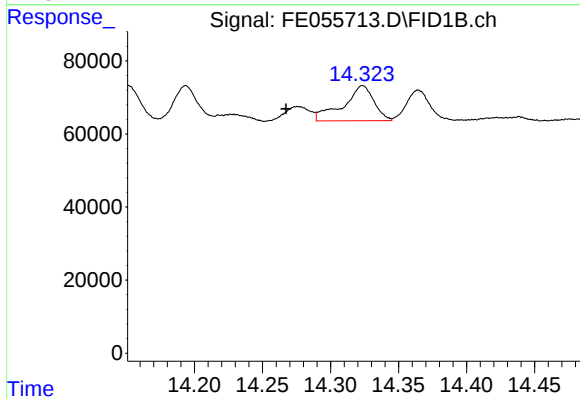
#10 n-Eicosane (C20)

R.T.: 13.069 min
Delta R.T.: 0.005 min
Response: 152218
Conc: 1.06 ug/ml



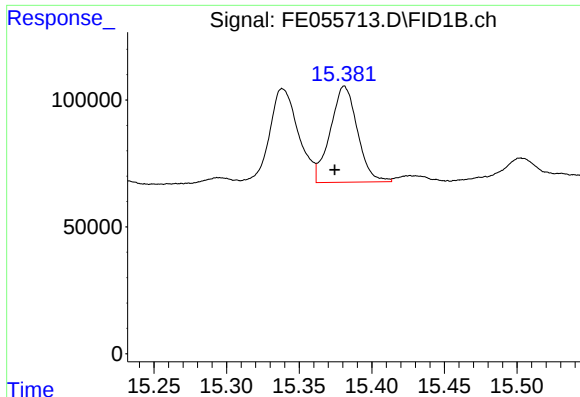
#12 1-chlorooctadecane (SURR)

R.T.: 13.520 min
Delta R.T.: 0.007 min
Response: 956281
Conc: 7.65 ug/ml



#13 n-Docosane (C22)

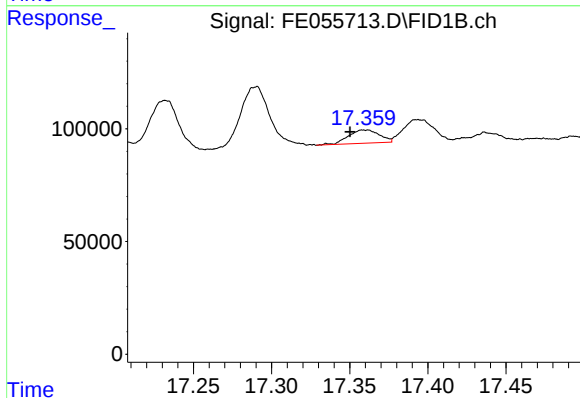
R.T.: 14.324 min
Delta R.T.: 0.056 min
Response: 151241
Conc: 1.06 ug/ml



#14 n-Tetracosane (C24)

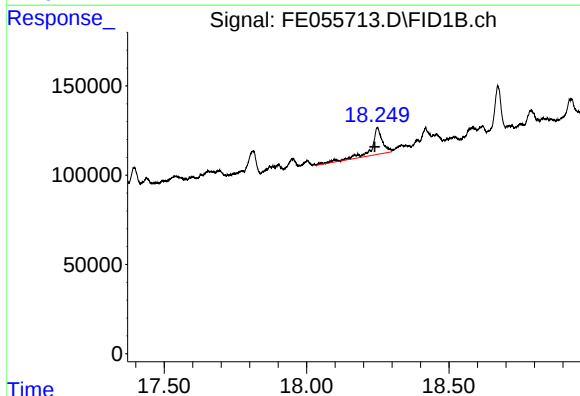
R.T.: 15.381 min
Delta R.T.: 0.007 min
Response: 493096
Conc: 3.41 ug/ml

Instrument :
FID_E
ClientSampleId :



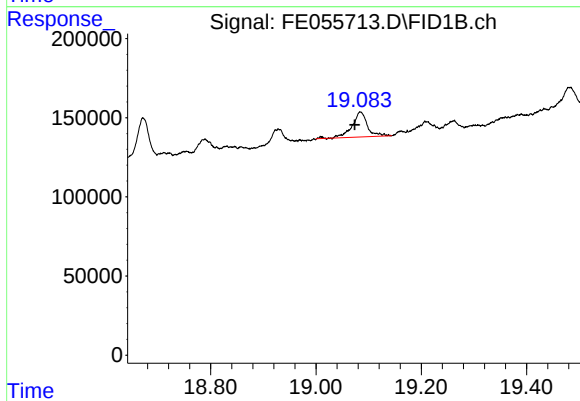
#16 n-Octacosane (C28)

R.T.: 17.360 min
Delta R.T.: 0.010 min
Response: 80572
Conc: 0.57 ug/ml



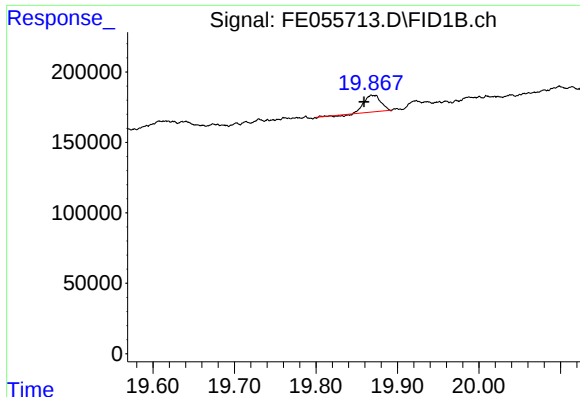
#17 n-Tricontane (C30)

R.T.: 18.249 min
Delta R.T.: 0.009 min
Response: 408456
Conc: 2.76 ug/ml



#18 n-Dotriacontane (C32)

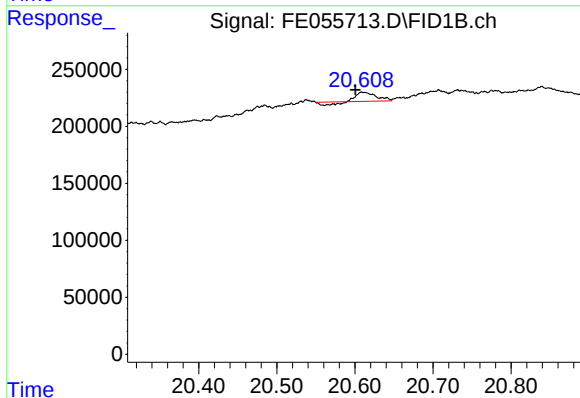
R.T.: 19.084 min
Delta R.T.: 0.011 min
Response: 314459
Conc: 2.14 ug/ml



#19 n-Tetratriacontane (C34)

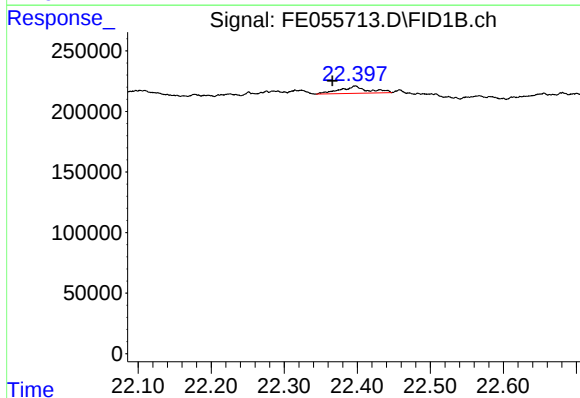
R.T.: 19.870 min
Delta R.T.: 0.011 min
Response: 161668
Conc: 1.14 ug/ml

Instrument :
FID_E
ClientSampleId :



#20 n-Hexatriacontane (C36)

R.T.: 20.611 min
Delta R.T.: 0.010 min
Response: 109261
Conc: 0.83 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.397 min
Delta R.T.: 0.031 min
Response: 158997
Conc: 1.24 ug/ml