

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090925AL\
 Data File : FE055733.D
 Signal(s) : FID1B.ch
 Acq On : 09 Sep 2025 09:18
 Operator : YP\AJ
 Sample : Q3031-02DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 09 11:40:14 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)	12.076	798297	4.859 ug/ml
Spiked Amount 50.000		Recovery =	9.72%
12) S 1-chlorooctadecane (S...	13.513	1313485	10.504 ug/ml
Spiked Amount 50.000		Recovery =	21.01%
Target Compounds			
6) T n-Tetradecane (C14)	8.616f	57231	0.435 ug/ml
7) T n-Hexadecane (C16)	10.323	139946	1.010 ug/ml
10) T n-Eicosane (C20)	13.062	188757	1.311 ug/ml
11) T n-Heneicosane (C21)	13.711	296253	2.074 ug/ml
13) T n-Docosane (C22)	14.271	153574	1.073 ug/ml
14) T n-Tetracosane (C24)	15.373	1940470	13.410 ug/ml
16) T n-Octacosane (C28)	17.380	475475	3.343 ug/ml
17) T n-Tricontane (C30)	18.240	161653	1.094 ug/ml
18) T n-Dotriacontane (C32)	19.043	85153	0.580 ug/ml
19) T n-Tetratriacontane (C34)	19.860	98469	0.697 ug/ml

(f)=RT Delta > 1/2 Window

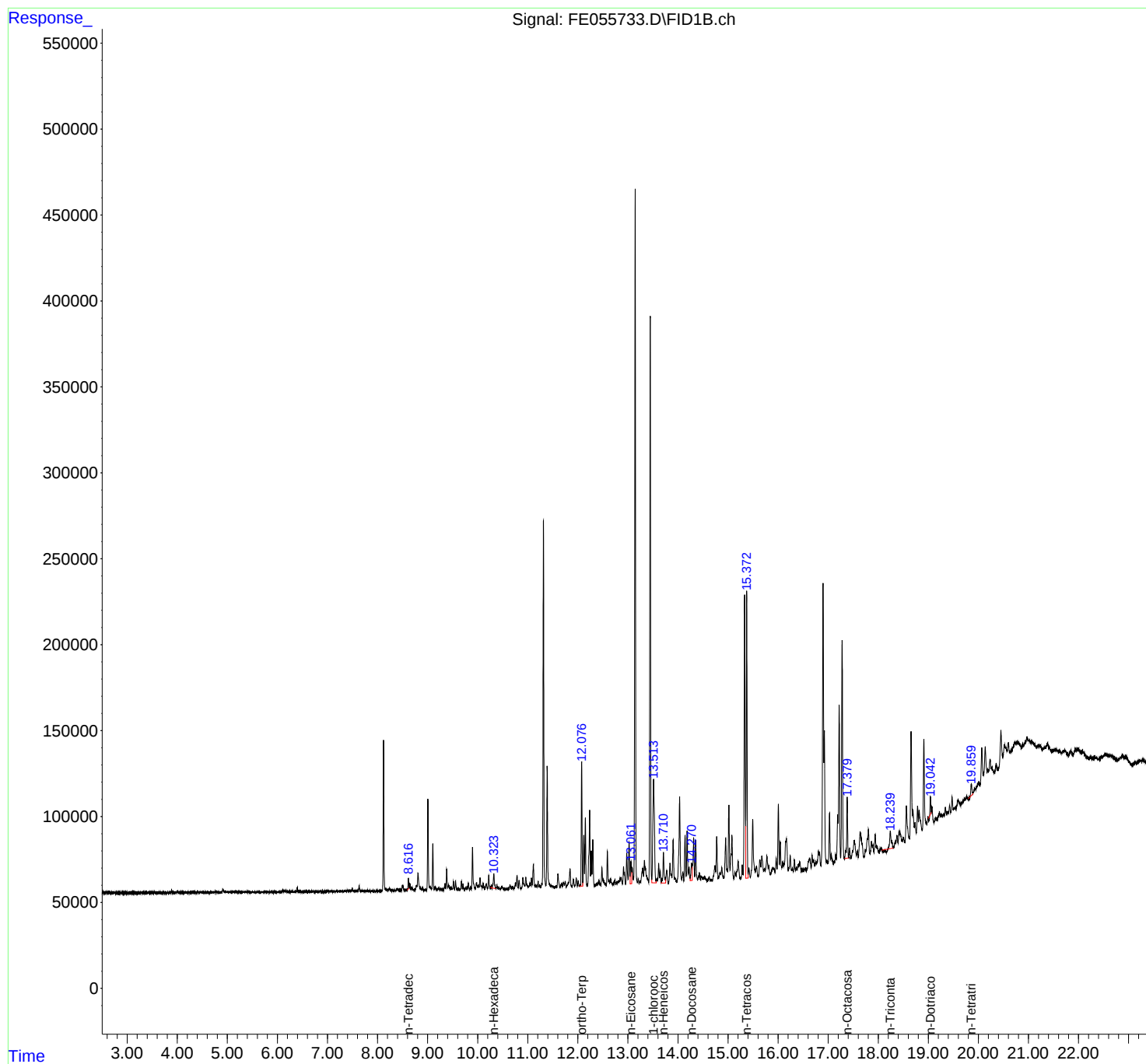
(m)=manual int.

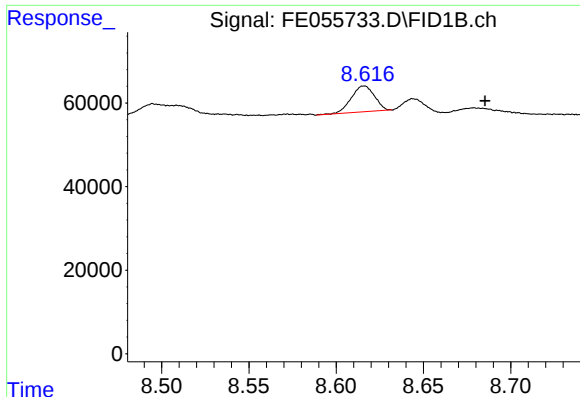
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Signal Info : 20M x 0.18mm x 0.18um

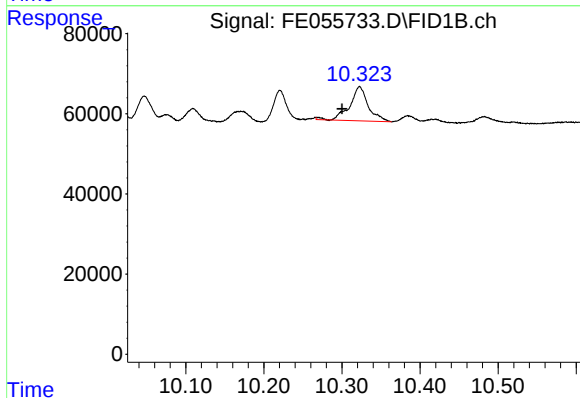




#6 n-Tetradecane (C14)

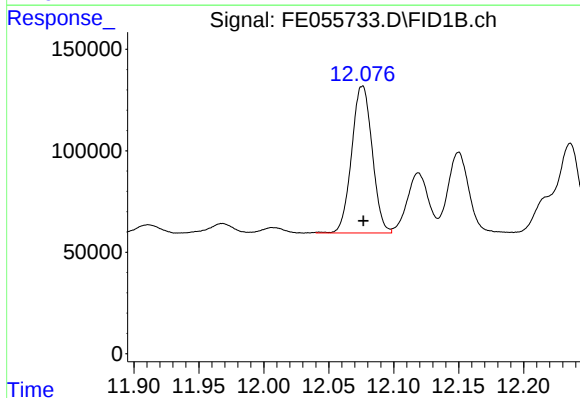
R.T.: 8.616 min
Delta R.T.: -0.069 min
Response: 57231
Conc: 0.43 ug/ml

Instrument :
FID_E
ClientSampleId :



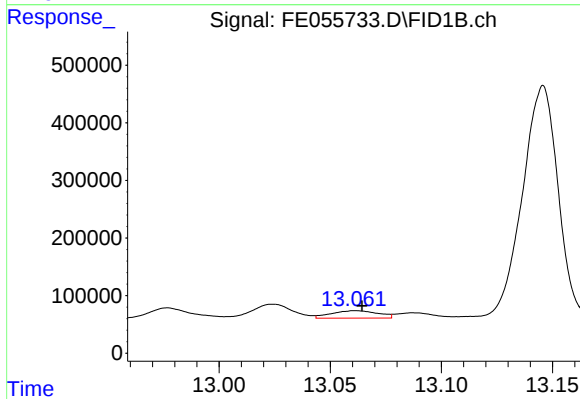
#7 n-Hexadecane (C16)

R.T.: 10.323 min
Delta R.T.: 0.022 min
Response: 139946
Conc: 1.01 ug/ml



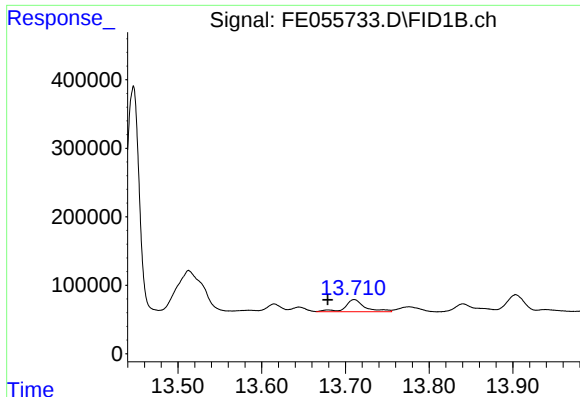
#9 ortho-Terphenyl (SURR)

R.T.: 12.076 min
Delta R.T.: 0.000 min
Response: 798297
Conc: 4.86 ug/ml



#10 n-Eicosane (C20)

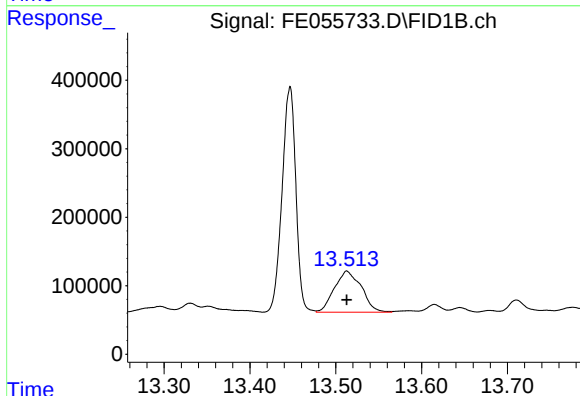
R.T.: 13.062 min
Delta R.T.: -0.003 min
Response: 188757
Conc: 1.31 ug/ml



#11 n-Heneicosane (C21)

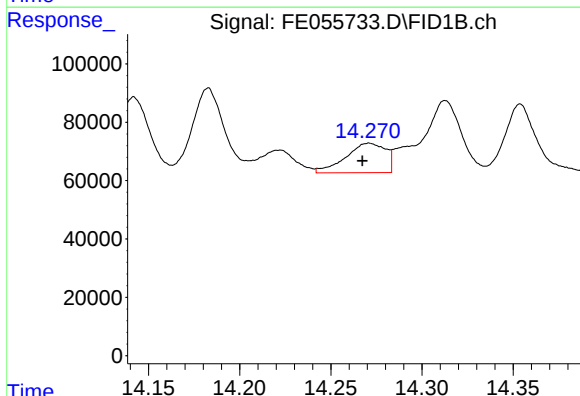
R.T.: 13.711 min
Delta R.T.: 0.032 min
Response: 296253
Conc: 2.07 ug/ml

Instrument :
FID_E
ClientSampleId :



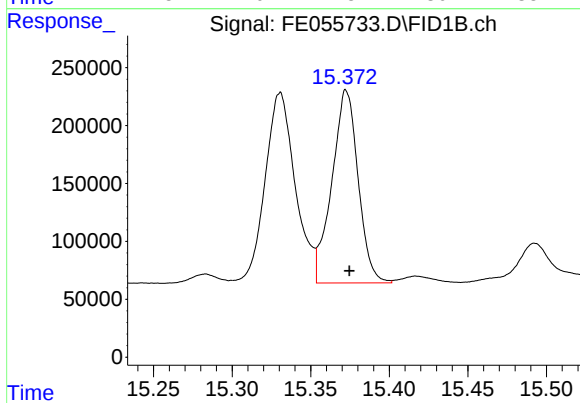
#12 1-chlorooctadecane (SURR)

R.T.: 13.513 min
Delta R.T.: 0.000 min
Response: 1313485
Conc: 10.50 ug/ml



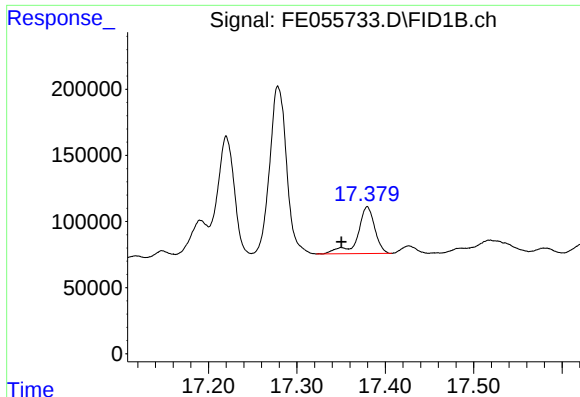
#13 n-Docosane (C22)

R.T.: 14.271 min
Delta R.T.: 0.004 min
Response: 153574
Conc: 1.07 ug/ml



#14 n-Tetracosane (C24)

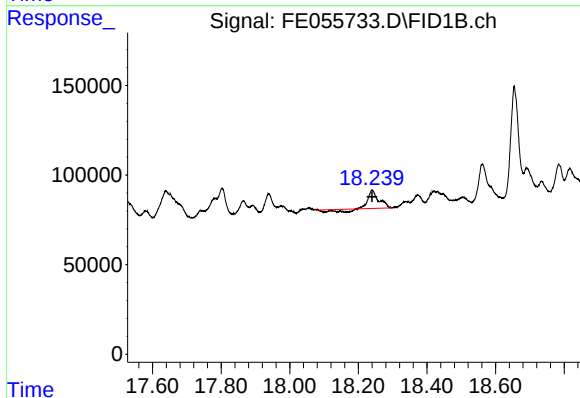
R.T.: 15.373 min
Delta R.T.: -0.002 min
Response: 1940470
Conc: 13.41 ug/ml



#16 n-Octacosane (C28)

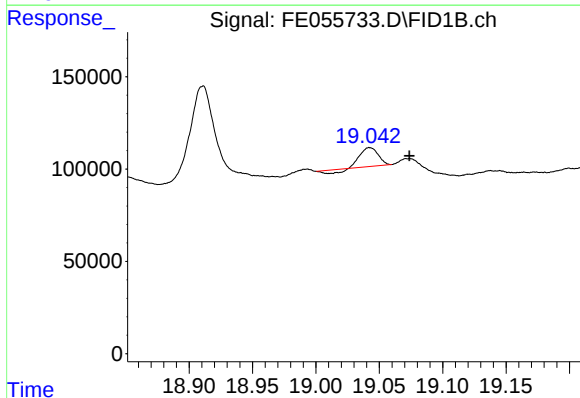
R.T.: 17.380 min
Delta R.T.: 0.029 min
Response: 475475
Conc: 3.34 ug/ml

Instrument :
FID_E
ClientSampleId :



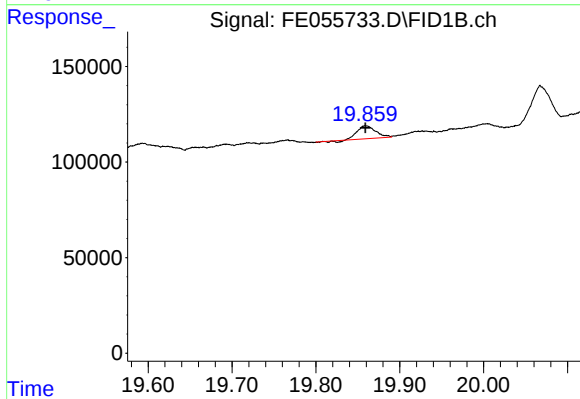
#17 n-Tricontane (C30)

R.T.: 18.240 min
Delta R.T.: 0.000 min
Response: 161653
Conc: 1.09 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 19.043 min
Delta R.T.: -0.031 min
Response: 85153
Conc: 0.58 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.860 min
Delta R.T.: 0.000 min
Response: 98469
Conc: 0.70 ug/ml