

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081525AL\
 Data File : FE055324.D
 Signal(s) : FID1B.ch
 Acq On : 15 Aug 2025 12:19
 Operator : YP\AJ
 Sample : Q2855-01DL 200X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 18 04:02:25 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)	12.085	346894	2.429 ug/ml
Spiked Amount 50.000		Recovery =	4.86%
12) S 1-chlorooctadecane (S...	13.520	506593	4.711 ug/ml
Spiked Amount 50.000		Recovery =	9.42%
Target Compounds			
4) T n-Dodecane (C12)	6.853	80806	0.679 ug/ml
6) T n-Tetradecane (C14)	8.690	113308	0.924 ug/ml
7) T n-Hexadecane (C16)	10.306	110365	0.863 ug/ml
8) T n-Octadecane (C18)	11.753	135224	1.036 ug/ml
10) T n-Eicosane (C20)	13.071	178651	1.424 ug/ml
11) T n-Heneicosane (C21)	13.739f	744157	6.037 ug/ml
13) T n-Docosane (C22)	14.271	357501	2.927 ug/ml
14) T n-Tetracosane (C24)	15.379	106023	0.872 ug/ml
15) T n-Hexacosane (C26)	16.445	336929	2.816 ug/ml
16) T n-Octacosane (C28)	17.359	210669	1.776 ug/ml
17) T n-Tricontane (C30)	18.247	161786	1.315 ug/ml
18) T n-Dotriacontane (C32)	19.081	223293	1.830 ug/ml
19) T n-Tetratriacontane (C34)	19.866	115067	0.984 ug/ml
20) T n-Hexatriacontane (C36)	20.607	141132	1.291 ug/ml

(f)=RT Delta > 1/2 Window

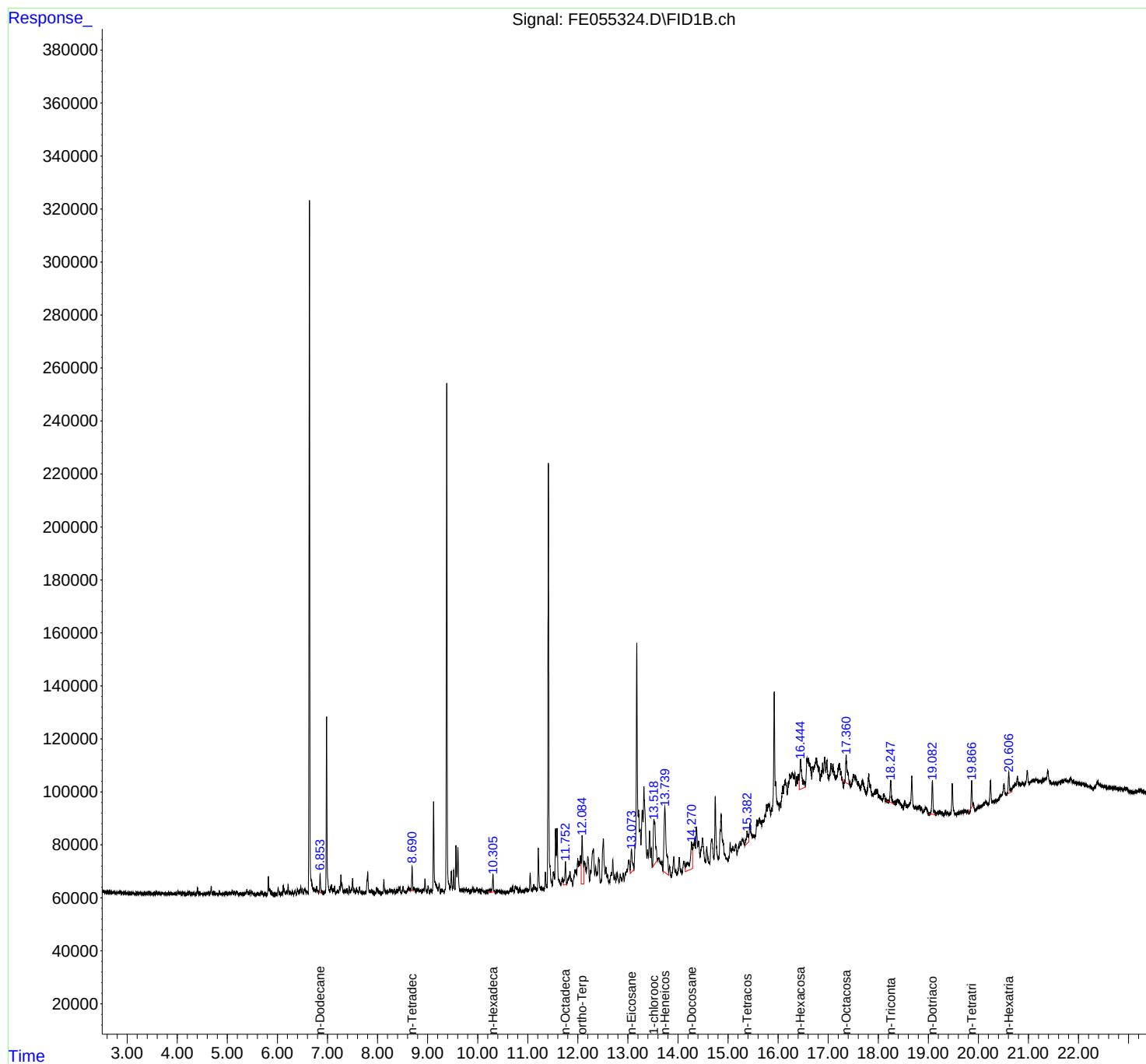
(m)=manual int.

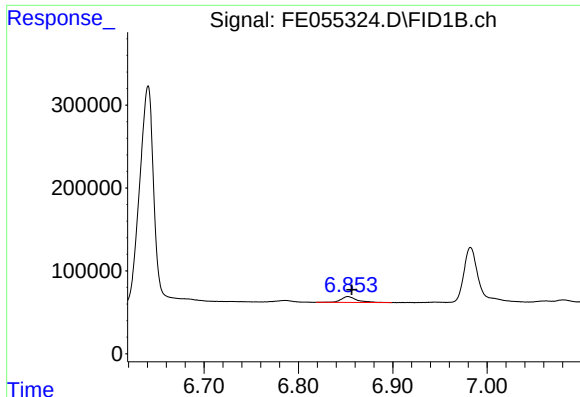
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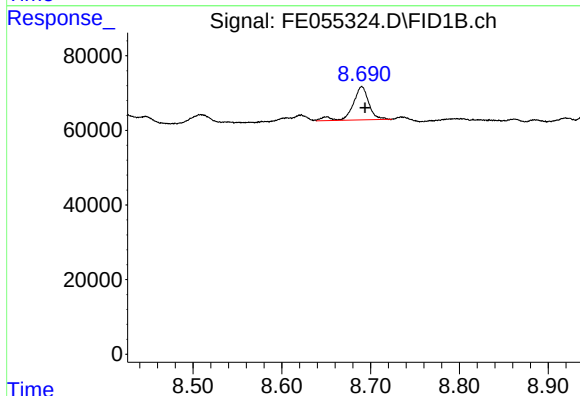




#4 n-Dodecane (C12)

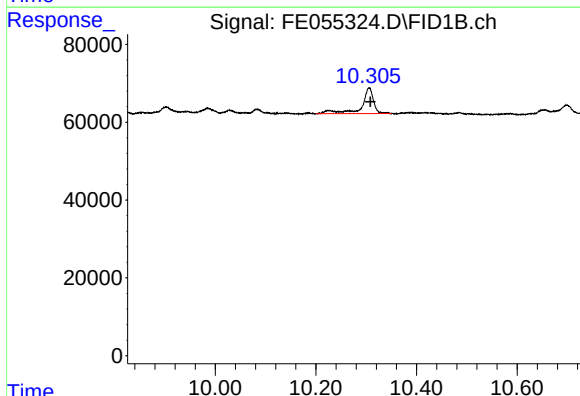
R.T.: 6.853 min
Delta R.T.: -0.004 min
Response: 80806
Conc: 0.68 ug/ml

Instrument :
FID_C
ClientSampleId :



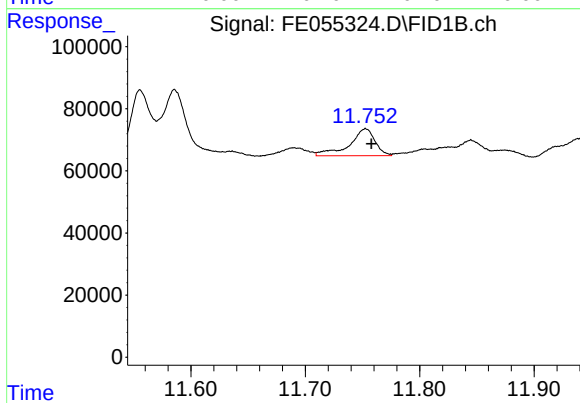
#6 n-Tetradecane (C14)

R.T.: 8.690 min
Delta R.T.: -0.003 min
Response: 113308
Conc: 0.92 ug/ml



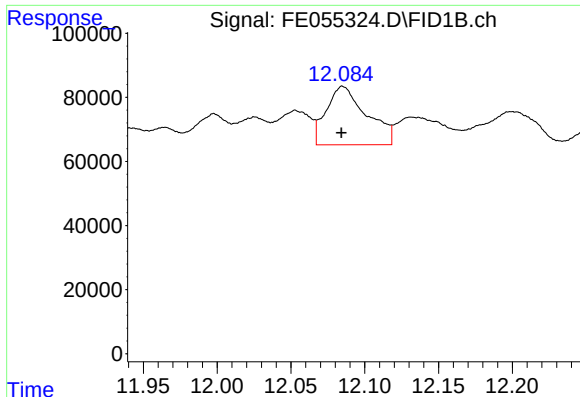
#7 n-Hexadecane (C16)

R.T.: 10.306 min
Delta R.T.: -0.003 min
Response: 110365
Conc: 0.86 ug/ml



#8 n-Octadecane (C18)

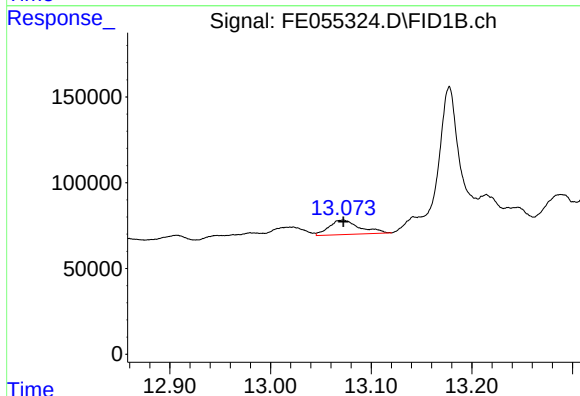
R.T.: 11.753 min
Delta R.T.: -0.005 min
Response: 135224
Conc: 1.04 ug/ml



#9 ortho-Terphenyl (SURR)

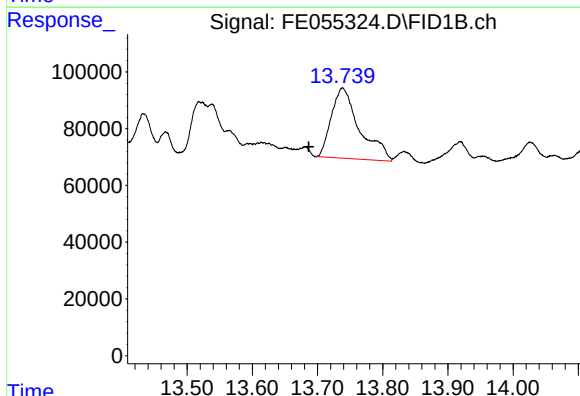
R.T.: 12.085 min
Delta R.T.: 0.001 min
Response: 346894
Conc: 2.43 ug/ml

Instrument :
FID_C
ClientSampleId :



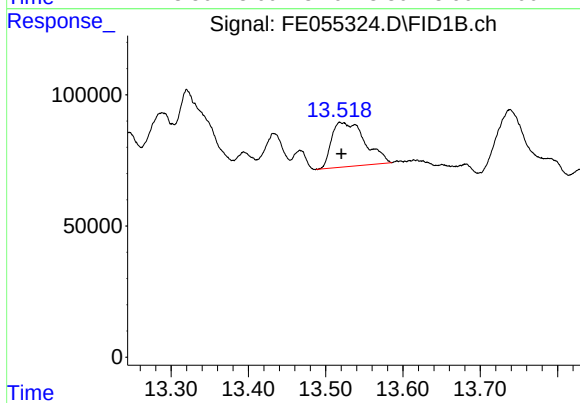
#10 n-Eicosane (C20)

R.T.: 13.071 min
Delta R.T.: 0.000 min
Response: 178651
Conc: 1.42 ug/ml



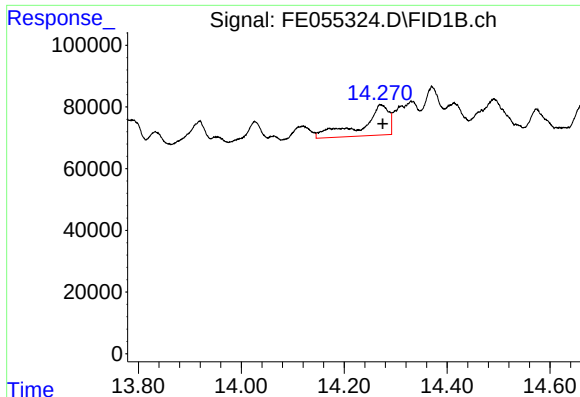
#11 n-Heneicosane (C21)

R.T.: 13.739 min
Delta R.T.: 0.052 min
Response: 744157
Conc: 6.04 ug/ml



#12 1-chlorooctadecane (SURR)

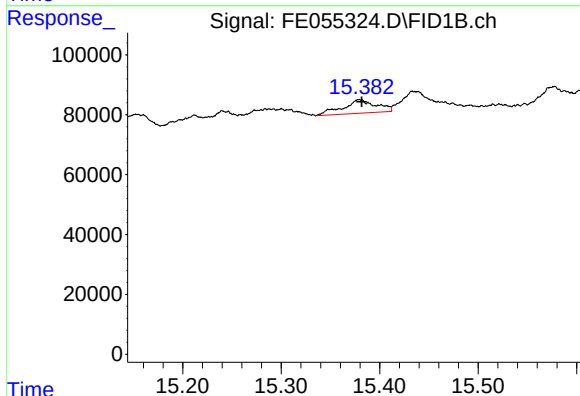
R.T.: 13.520 min
Delta R.T.: 0.000 min
Response: 506593
Conc: 4.71 ug/ml



#13 n-Docosane (C22)

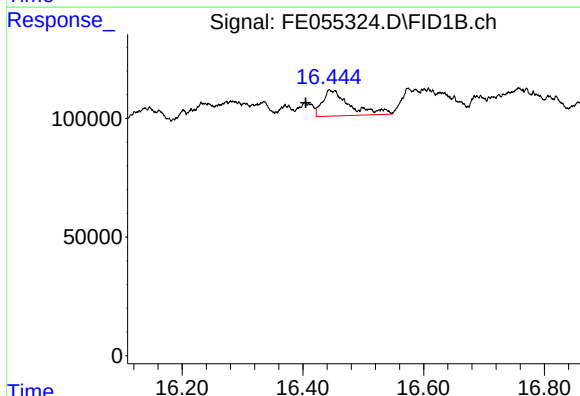
R.T.: 14.271 min
Delta R.T.: -0.004 min
Response: 357501
Conc: 2.93 ug/ml

Instrument :
FID_C
ClientSampleId :



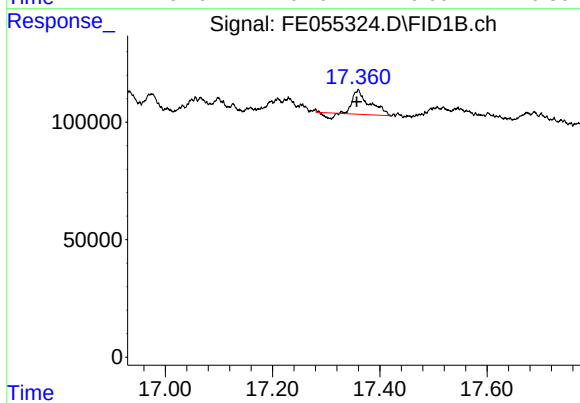
#14 n-Tetracosane (C24)

R.T.: 15.379 min
Delta R.T.: -0.002 min
Response: 106023
Conc: 0.87 ug/ml



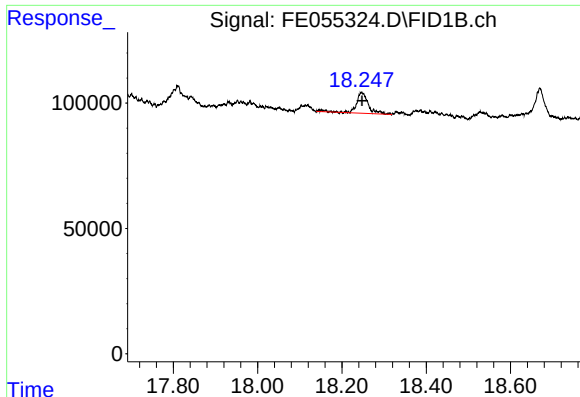
#15 n-Hexacosane (C26)

R.T.: 16.445 min
Delta R.T.: 0.040 min
Response: 336929
Conc: 2.82 ug/ml



#16 n-Octacosane (C28)

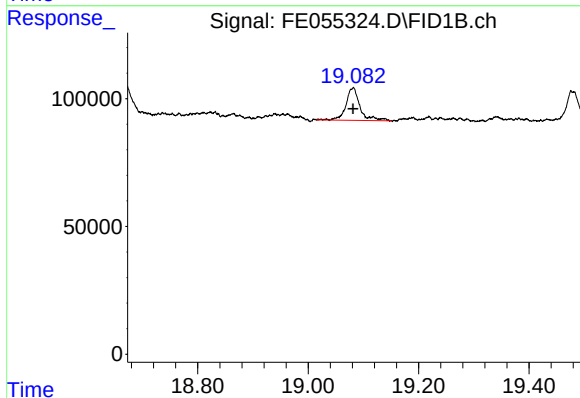
R.T.: 17.359 min
Delta R.T.: 0.002 min
Response: 210669
Conc: 1.78 ug/ml



#17 n-Tricontane (C30)

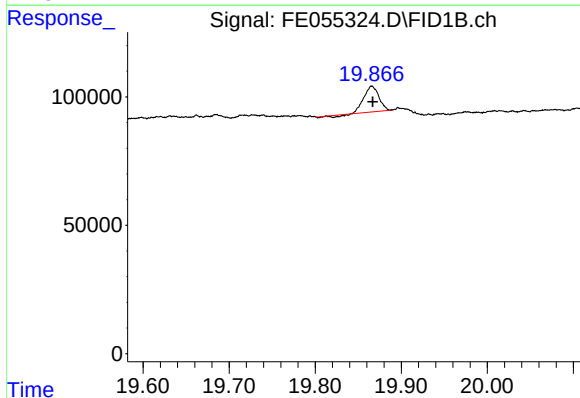
R.T.: 18.247 min
Delta R.T.: 0.000 min
Response: 161786
Conc: 1.31 ug/ml

Instrument :
FID_C
ClientSampleId :



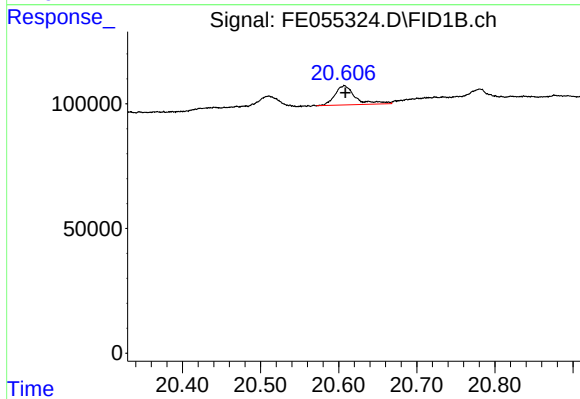
#18 n-Dotriacontane (C32)

R.T.: 19.081 min
Delta R.T.: 0.000 min
Response: 223293
Conc: 1.83 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.866 min
Delta R.T.: 0.000 min
Response: 115067
Conc: 0.98 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.607 min
Delta R.T.: -0.001 min
Response: 141132
Conc: 1.29 ug/ml