

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081225AL\
 Data File : FE055271.D
 Signal(s) : FID1B.ch
 Acq On : 12 Aug 2025 23:34
 Operator : YP\AJ
 Sample : Q2830-02
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 13 04:09:16 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)	12.089	5747926	40.251 ug/ml
Spiked Amount 50.000		Recovery =	80.50%
12) S 1-chlorooctadecane (S...	13.525	4556862	42.380 ug/ml
Spiked Amount 50.000		Recovery =	84.76%
Target Compounds			
6) T n-Tetradecane (C14)	8.693	38828	0.317 ug/ml
7) T n-Hexadecane (C16)	10.286	119669	0.936 ug/ml
10) T n-Eicosane (C20)	13.074	27234	0.217 ug/ml
11) T n-Heneicosane (C21)	13.691	22296	0.181 ug/ml
13) T n-Docosane (C22)	14.277	39526	0.324 ug/ml
14) T n-Tetracosane (C24)	15.382	83791	0.689 ug/ml
15) T n-Hexacosane (C26)	16.407	81120	0.678 ug/ml
16) T n-Octacosane (C28)	17.360	119554	1.008 ug/ml
17) T n-Tricontane (C30)	18.251	163563	1.329 ug/ml
18) T n-Dotriacontane (C32)	19.083	399098	3.271 ug/ml
19) T n-Tetratriacontane (C34)	19.870	127743	1.093 ug/ml
20) T n-Hexatriacontane (C36)	20.612	50503	0.462 ug/ml
21) T n-Octatriacontane (C38)	21.389	144812	1.340 ug/ml
22) T n-Tetracontane (C40)	22.390	35887	0.343 ug/ml

(f)=RT Delta > 1/2 Window

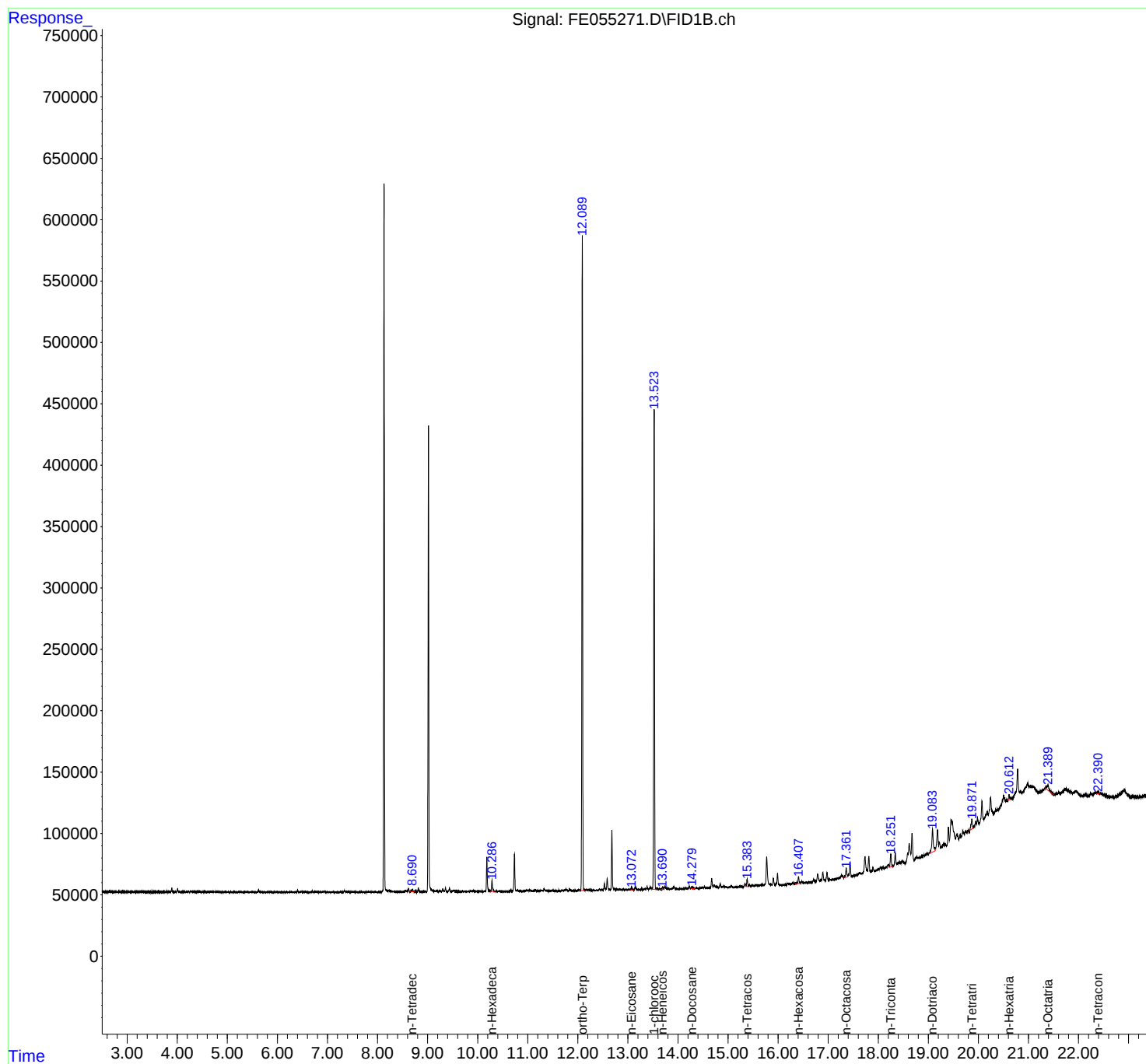
(m)=manual int.

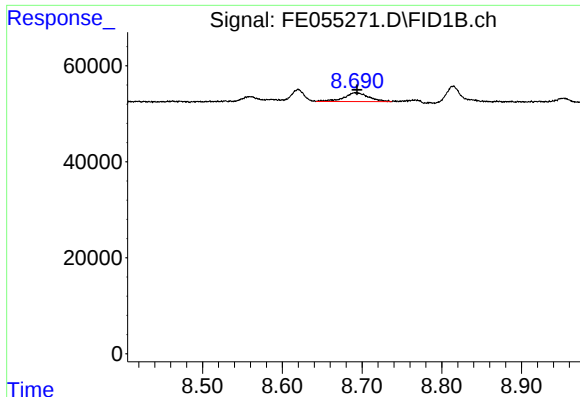
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081225AL\
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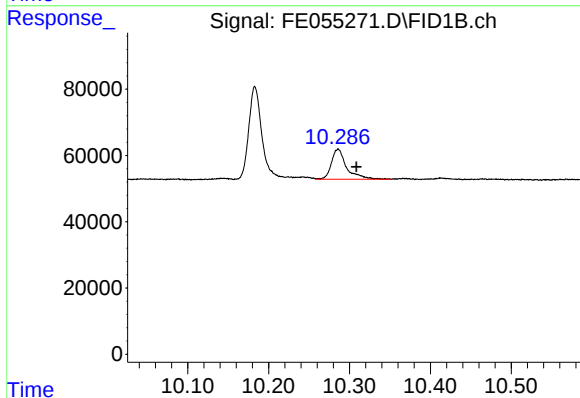




#6 n-Tetradecane (C14)

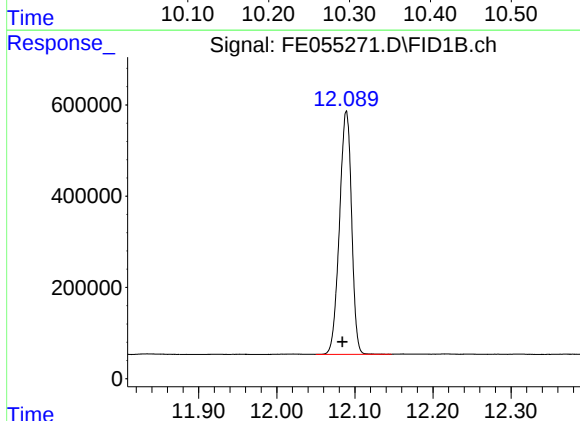
R.T.: 8.693 min
Delta R.T.: -0.001 min
Response: 38828
Conc: 0.32 ug/ml

Instrument :
FID_C
ClientSampleId :



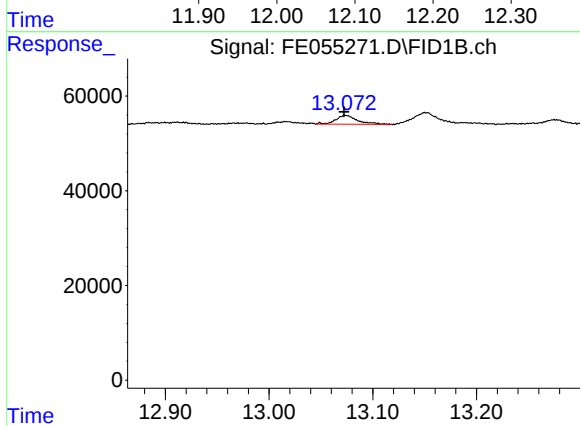
#7 n-Hexadecane (C16)

R.T.: 10.286 min
Delta R.T.: -0.022 min
Response: 119669
Conc: 0.94 ug/ml



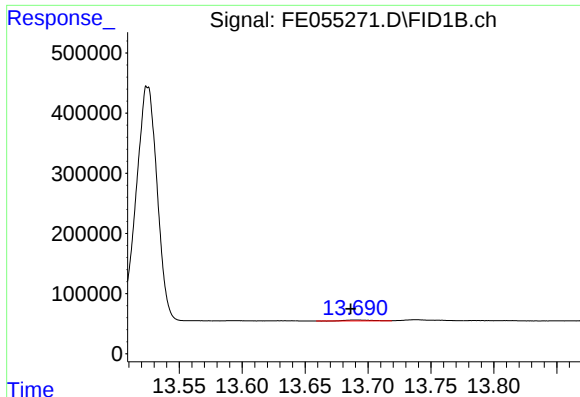
#9 ortho-Terphenyl (SURR)

R.T.: 12.089 min
Delta R.T.: 0.005 min
Response: 5747926
Conc: 40.25 ug/ml



#10 n-Eicosane (C20)

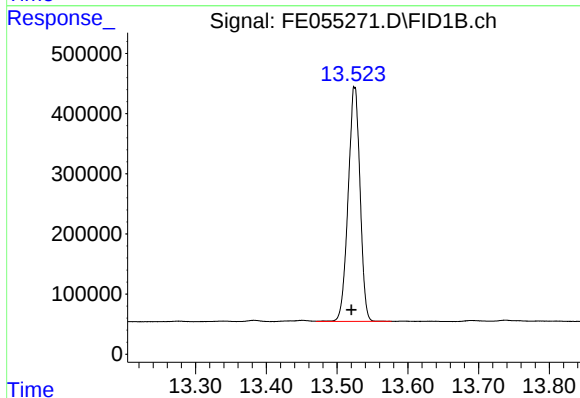
R.T.: 13.074 min
Delta R.T.: 0.001 min
Response: 27234
Conc: 0.22 ug/ml



#11 n-Heneicosane (C21)

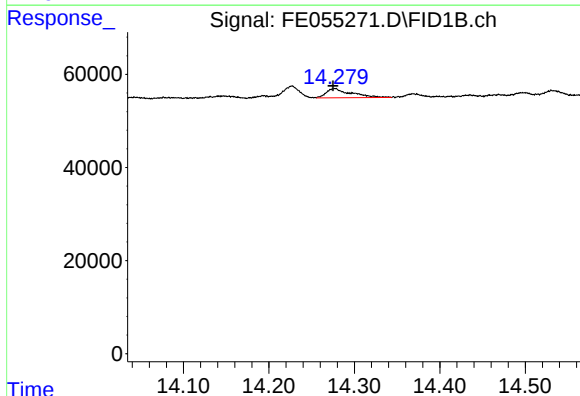
R.T.: 13.691 min
Delta R.T.: 0.005 min
Response: 22296
Conc: 0.18 ug/ml

Instrument :
FID_C
ClientSampleId :



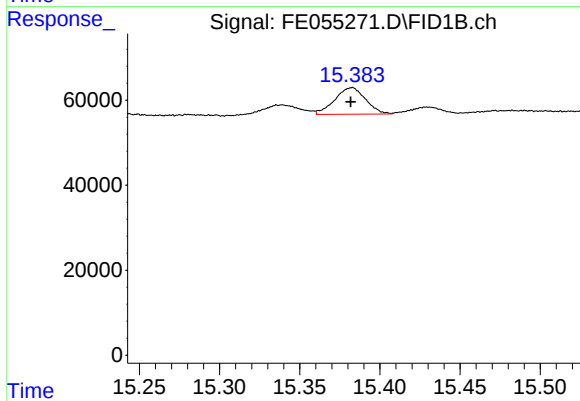
#12 1-chlorooctadecane (SURR)

R.T.: 13.525 min
Delta R.T.: 0.004 min
Response: 4556862
Conc: 42.38 ug/ml



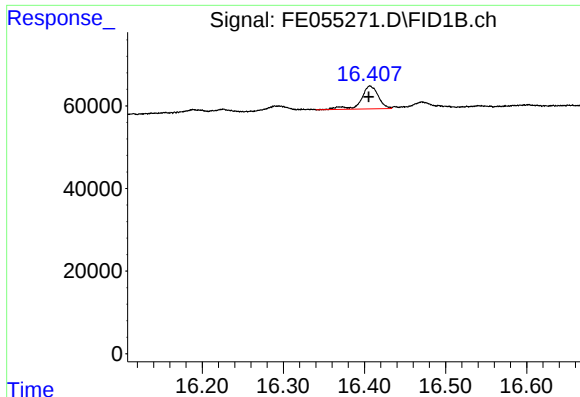
#13 n-Docosane (C22)

R.T.: 14.277 min
Delta R.T.: 0.002 min
Response: 39526
Conc: 0.32 ug/ml



#14 n-Tetracosane (C24)

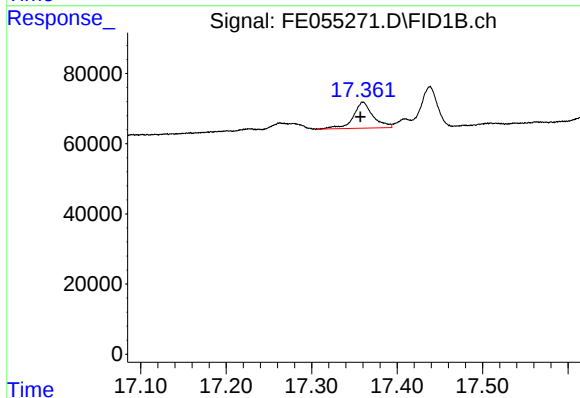
R.T.: 15.382 min
Delta R.T.: 0.000 min
Response: 83791
Conc: 0.69 ug/ml



#15 n-Hexacosane (C26)

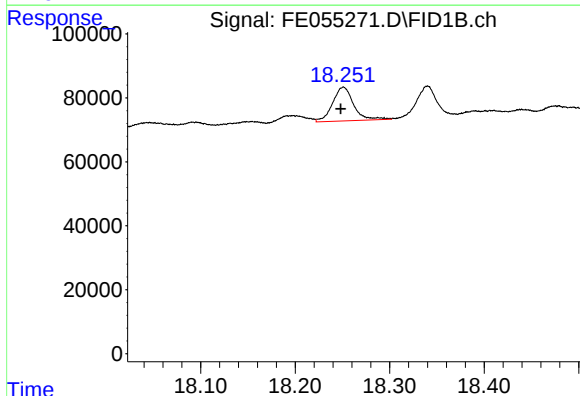
R.T.: 16.407 min
Delta R.T.: 0.002 min
Response: 81120
Conc: 0.68 ug/ml

Instrument :
FID_C
ClientSampleId :



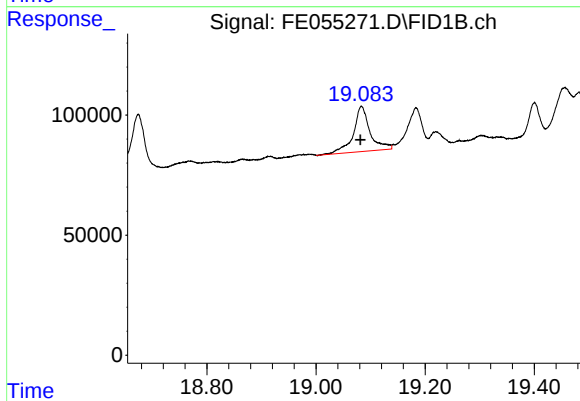
#16 n-Octacosane (C28)

R.T.: 17.360 min
Delta R.T.: 0.003 min
Response: 119554
Conc: 1.01 ug/ml



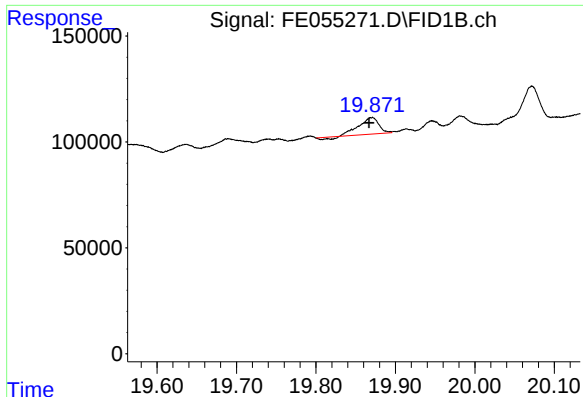
#17 n-Tricontane (C30)

R.T.: 18.251 min
Delta R.T.: 0.003 min
Response: 163563
Conc: 1.33 ug/ml



#18 n-Dotriacontane (C32)

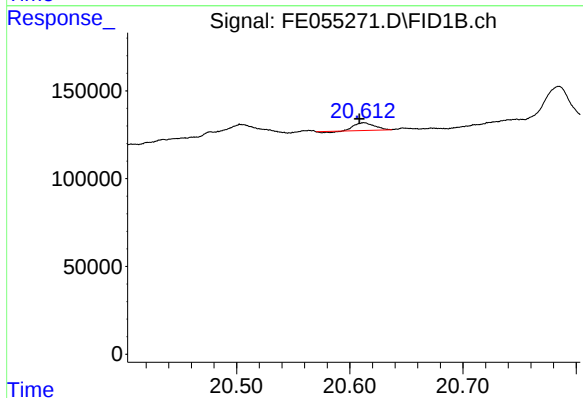
R.T.: 19.083 min
Delta R.T.: 0.002 min
Response: 399098
Conc: 3.27 ug/ml



#19 n-Tetratriacontane (C34)

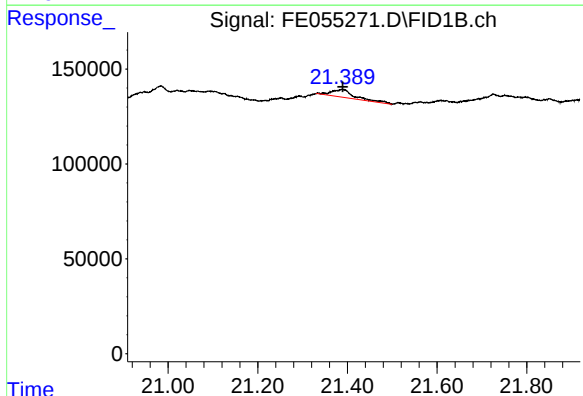
R.T.: 19.870 min
Delta R.T.: 0.003 min
Response: 127743
Conc: 1.09 ug/ml

Instrument :
FID_C
ClientSampleId :



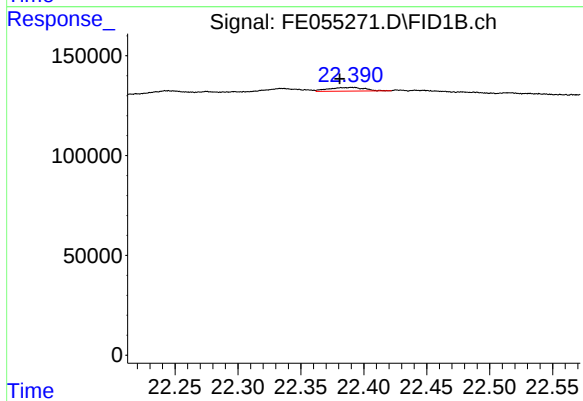
#20 n-Hexatriacontane (C36)

R.T.: 20.612 min
Delta R.T.: 0.004 min
Response: 50503
Conc: 0.46 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.389 min
Delta R.T.: 0.000 min
Response: 144812
Conc: 1.34 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.390 min
Delta R.T.: 0.009 min
Response: 35887
Conc: 0.34 ug/ml