

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081325AL\
 Data File : FE055282.D
 Signal(s) : FID1B.ch
 Acq On : 13 Aug 2025 08:47
 Operator : YP\AJ
 Sample : Q2757-05DL 2X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 13 11:28:19 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	2462658	17.245 ug/ml
Spiked Amount 50.000		Recovery =	34.49%
12) S 1-chlorooctadecane (S...	13.523	2087767	19.417 ug/ml
Spiked Amount 50.000		Recovery =	38.83%
Target Compounds			
6) T n-Tetradecane (C14)	8.699	37278	0.304 ug/ml
7) T n-Hexadecane (C16)	10.308	36143	0.283 ug/ml
8) T n-Octadecane (C18)	11.758	77348	0.593 ug/ml
10) T n-Eicosane (C20)	13.072	111132	0.886 ug/ml
11) T n-Heneicosane (C21)	13.689	56805	0.461 ug/ml
13) T n-Docosane (C22)	14.276	192928	1.580 ug/ml
14) T n-Tetracosane (C24)	15.380	544049	4.473 ug/ml
15) T n-Hexacosane (C26)	16.408	110695	0.925 ug/ml
16) T n-Octacosane (C28)	17.409f	546354	4.606 ug/ml
17) T n-Tricontane (C30)	18.252	411956	3.348 ug/ml
18) T n-Dotriacontane (C32)	19.088	457712	3.751 ug/ml
19) T n-Tetratriacontane (C34)	19.872	359237	3.073 ug/ml
20) T n-Hexatriacontane (C36)	20.606	134737	1.233 ug/ml

(f)=RT Delta > 1/2 Window

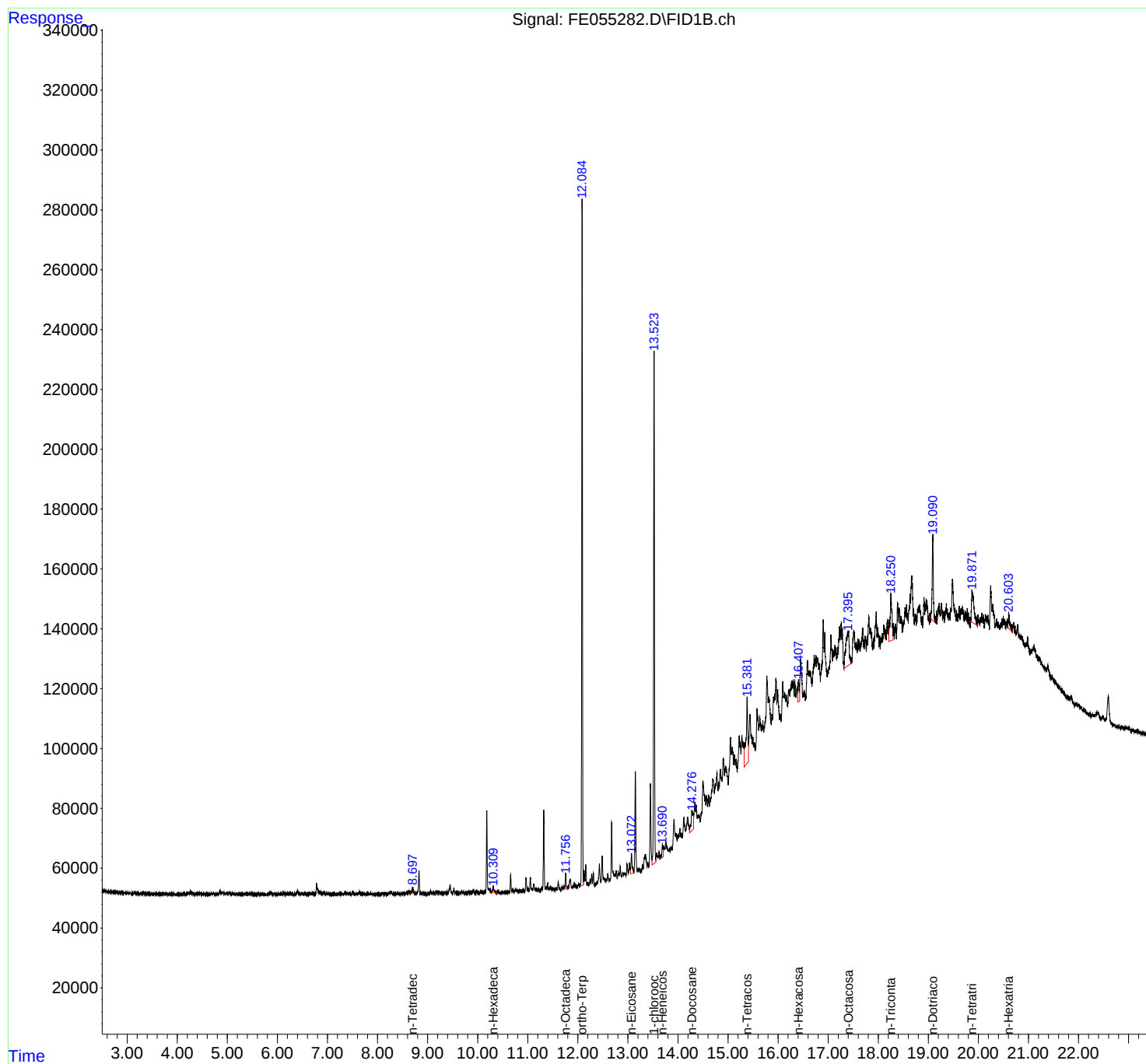
(m)=manual int.

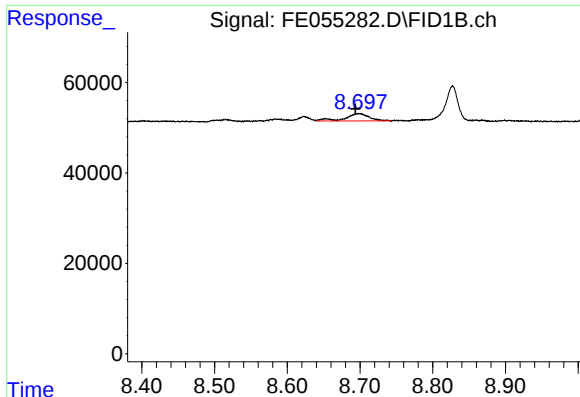
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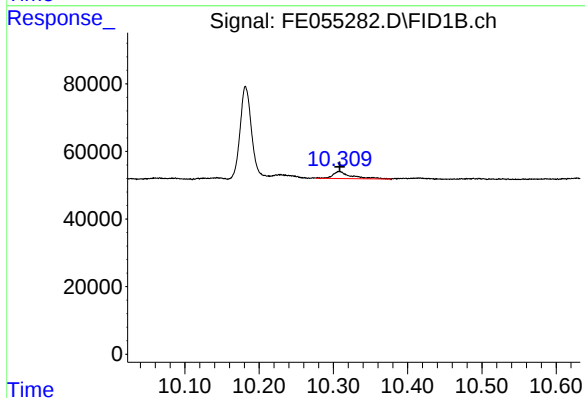




#6 n-Tetradecane (C14)

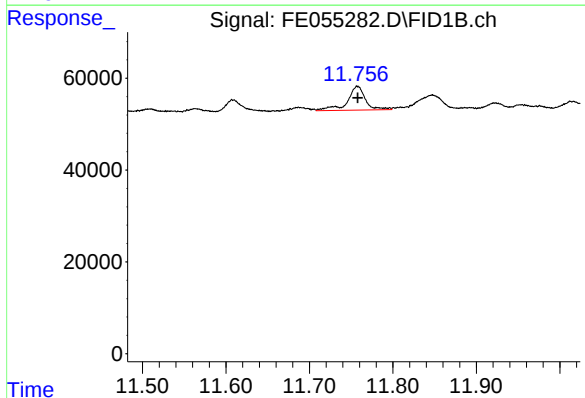
R.T.: 8.699 min
Delta R.T.: 0.005 min
Response: 37278
Conc: 0.30 ug/ml

Instrument :
FID_E
ClientSampleId :



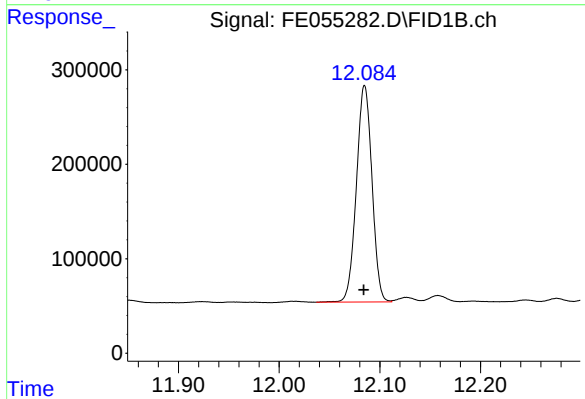
#7 n-Hexadecane (C16)

R.T.: 10.308 min
Delta R.T.: 0.000 min
Response: 36143
Conc: 0.28 ug/ml



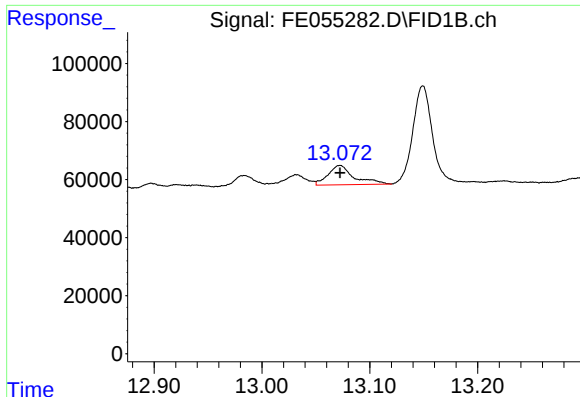
#8 n-Octadecane (C18)

R.T.: 11.758 min
Delta R.T.: 0.000 min
Response: 77348
Conc: 0.59 ug/ml



#9 ortho-Terphenyl (SURR)

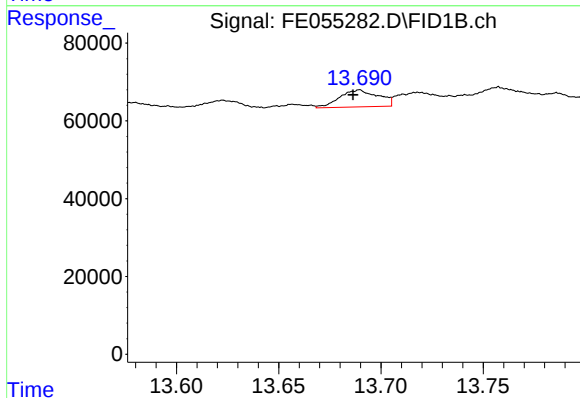
R.T.: 12.085 min
Delta R.T.: 0.000 min
Response: 2462658
Conc: 17.25 ug/ml



#10 n-Eicosane (C20)

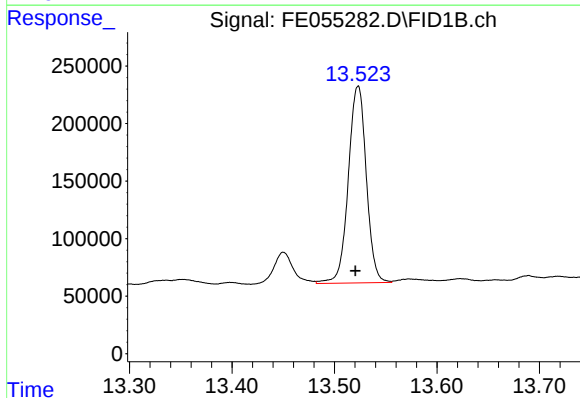
R.T.: 13.072 min
Delta R.T.: 0.000 min
Response: 111132
Conc: 0.89 ug/ml

Instrument :
FID_E
ClientSampleId :



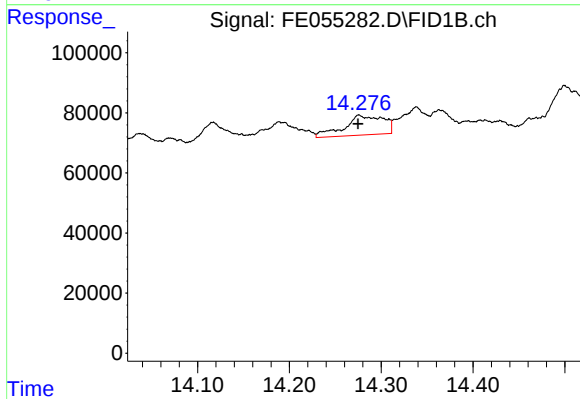
#11 n-Heneicosane (C21)

R.T.: 13.689 min
Delta R.T.: 0.003 min
Response: 56805
Conc: 0.46 ug/ml



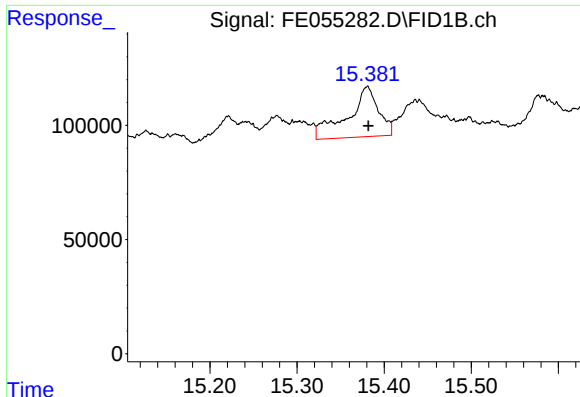
#12 1-chlorooctadecane (SURR)

R.T.: 13.523 min
Delta R.T.: 0.003 min
Response: 2087767
Conc: 19.42 ug/ml



#13 n-Docosane (C22)

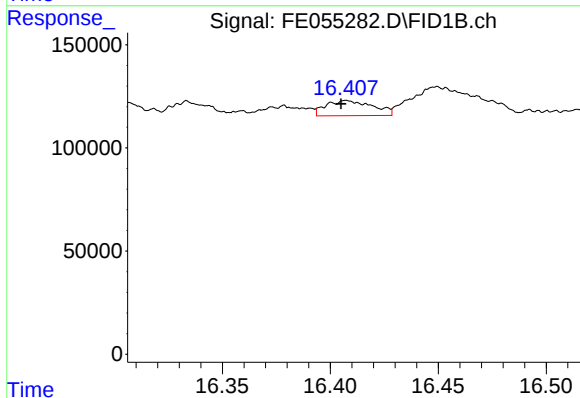
R.T.: 14.276 min
Delta R.T.: 0.001 min
Response: 192928
Conc: 1.58 ug/ml



#14 n-Tetracosane (C24)

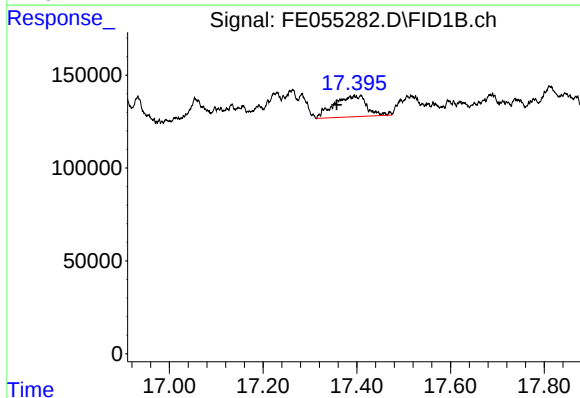
R.T.: 15.380 min
Delta R.T.: -0.001 min
Response: 544049
Conc: 4.47 ug/ml

Instrument :
FID_E
ClientSampleId :



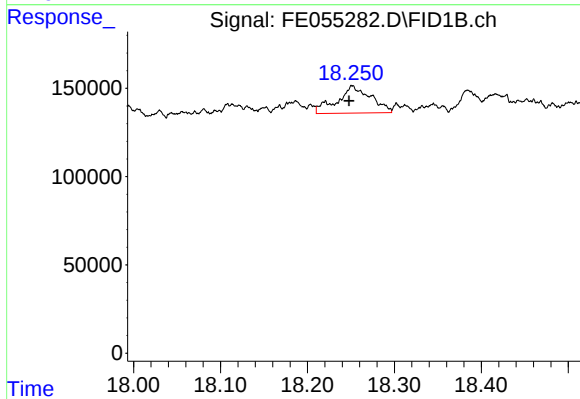
#15 n-Hexacosane (C26)

R.T.: 16.408 min
Delta R.T.: 0.003 min
Response: 110695
Conc: 0.93 ug/ml



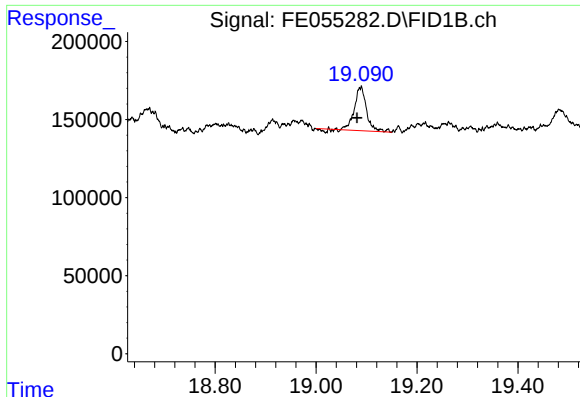
#16 n-Octacosane (C28)

R.T.: 17.409 min
Delta R.T.: 0.052 min
Response: 546354
Conc: 4.61 ug/ml



#17 n-Tricontane (C30)

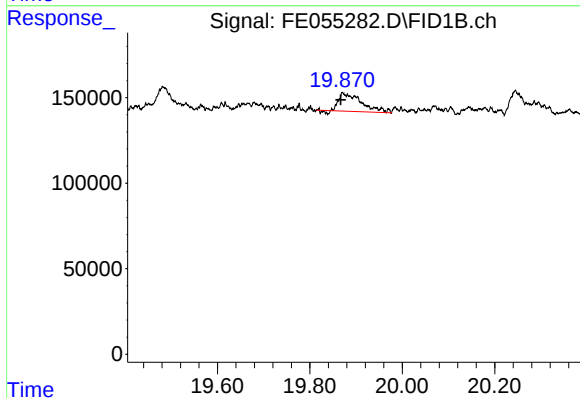
R.T.: 18.252 min
Delta R.T.: 0.004 min
Response: 411956
Conc: 3.35 ug/ml



#18 n-Dotriacontane (C32)

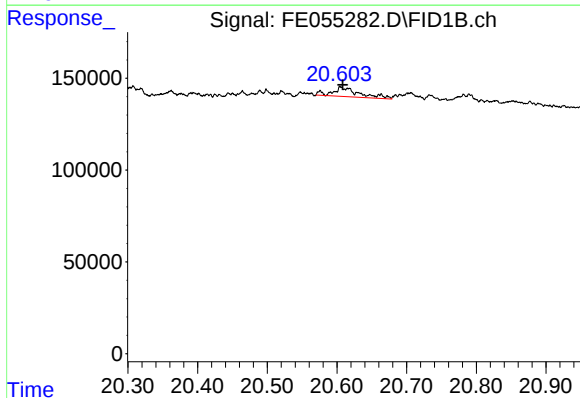
R.T.: 19.088 min
Delta R.T.: 0.006 min
Response: 457712
Conc: 3.75 ug/ml

Instrument :
FID_E
ClientSampleId :



#19 n-Tetratriacontane (C34)

R.T.: 19.872 min
Delta R.T.: 0.005 min
Response: 359237
Conc: 3.07 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.606 min
Delta R.T.: -0.002 min
Response: 134737
Conc: 1.23 ug/ml