

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120425AL\
 Data File : FE057166.D
 Signal(s) : FID1B.ch
 Acq On : 04 Dec 2025 17:10
 Operator : YP\AJ
 Sample : Q3753-02D
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 05 00:24:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 112725.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 01 08:04:59 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)	11.960	20202637	92.064 ug/ml
Spiked Amount 50.000		Recovery =	184.13%
12) S 1-chlorooctadecane (S...	13.396	6579156	39.532 ug/ml
Spiked Amount 50.000		Recovery =	79.06%
Target Compounds			
6) T n-Tetradecane (C14)	8.560	375381	1.865 ug/ml
7) T n-Hexadecane (C16)	10.190	1087807	5.304 ug/ml
8) T n-Octadecane (C18)	11.612	5249769	25.470 ug/ml
10) T n-Eicosane (C20)	12.955	3182320	16.178 ug/ml
11) T n-Heneicosane (C21)	13.526	800402	4.166 ug/ml
13) T n-Docosane (C22)	14.125	344681	1.786 ug/ml
14) T n-Tetracosane (C24)	15.231	411779	2.079 ug/ml
15) T n-Hexacosane (C26)	16.256	363026	1.830 ug/ml
16) T n-Octacosane (C28)	17.203	210559	1.025 ug/ml
17) T n-Tricontane (C30)	18.096	276695	1.233 ug/ml
18) T n-Dotriacontane (C32)	18.930	270691	1.160 ug/ml
19) T n-Tetratriacontane (C34)	19.716	188117	0.881 ug/ml
20) T n-Hexatriacontane (C36)	20.457	134486	0.723 ug/ml

(f)=RT Delta > 1/2 Window

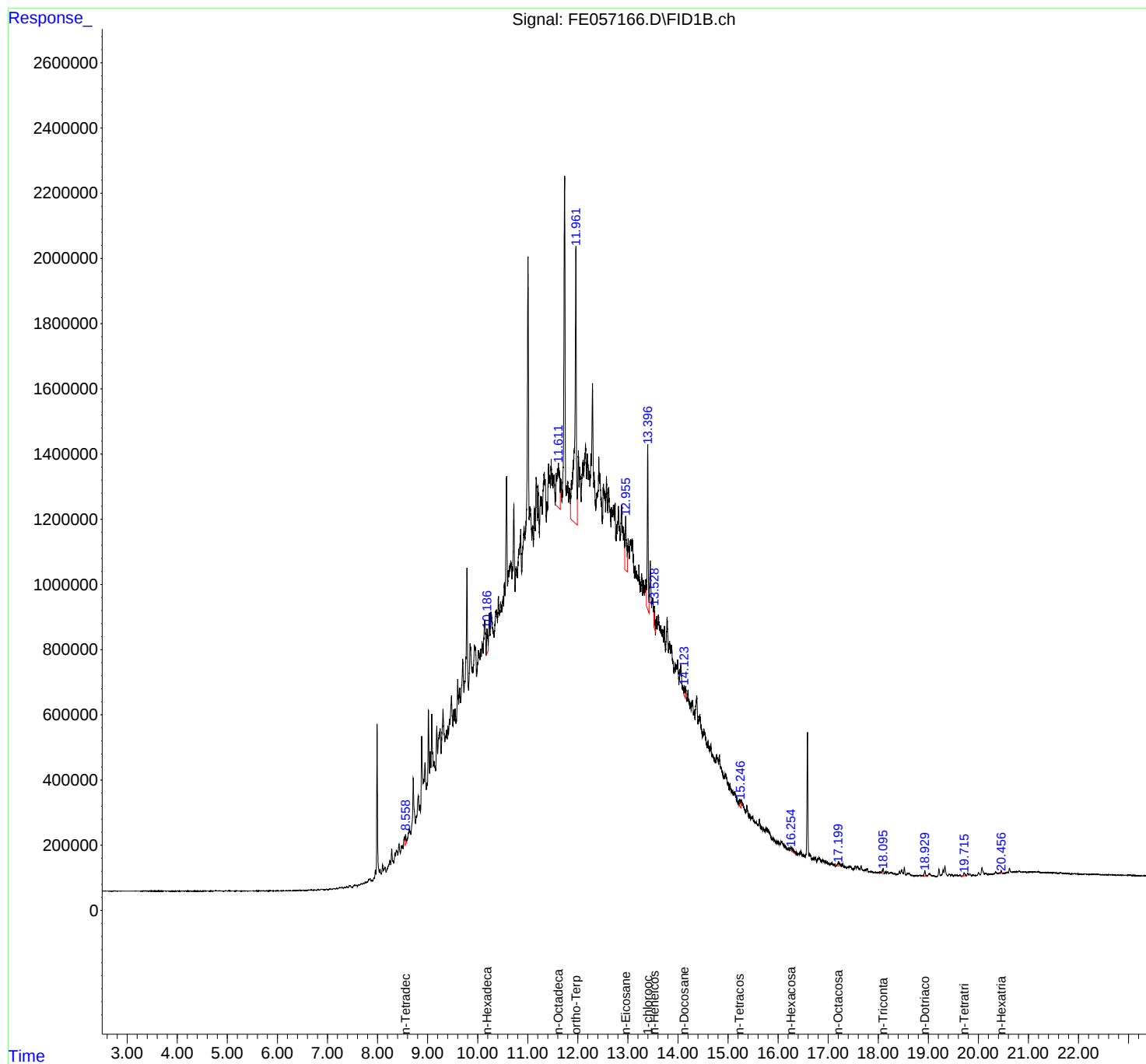
(m)=manual int.

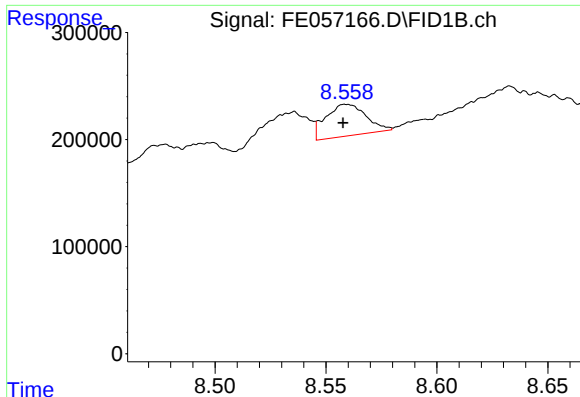
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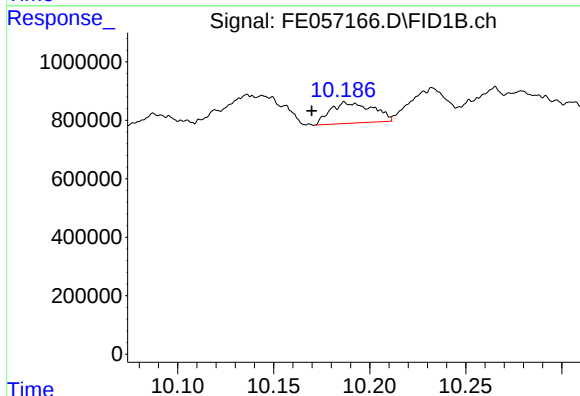




#6 n-Tetradecane (C14)

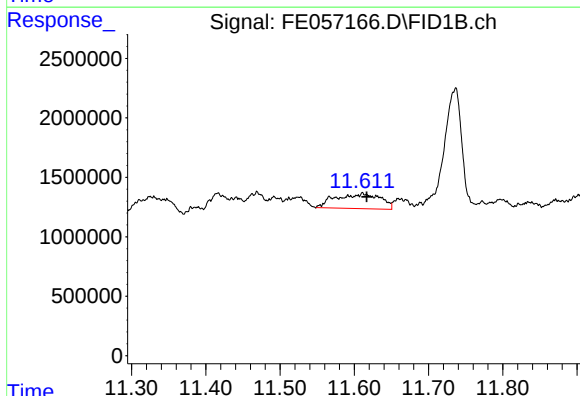
R.T.: 8.560 min
Delta R.T.: 0.002 min
Response: 375381
Conc: 1.86 ug/ml

Instrument :
FID_E
ClientSampleId :



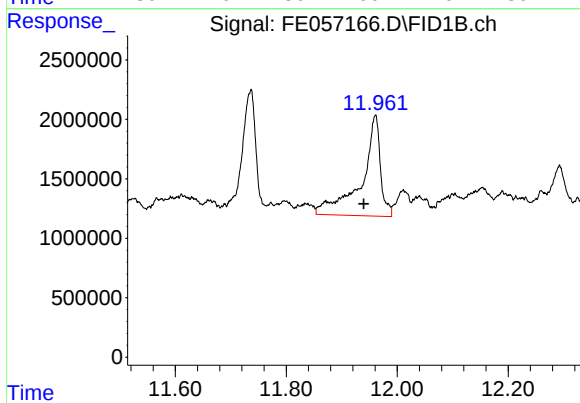
#7 n-Hexadecane (C16)

R.T.: 10.190 min
Delta R.T.: 0.020 min
Response: 1087807
Conc: 5.30 ug/ml



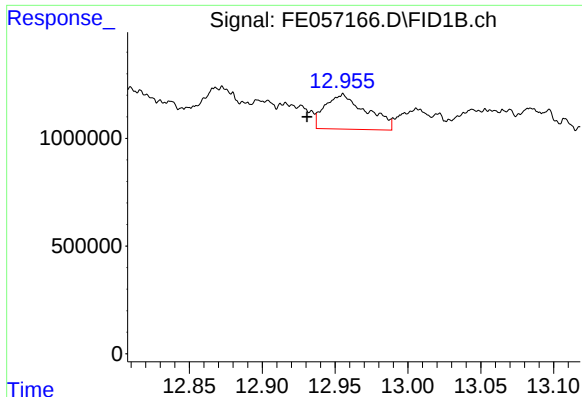
#8 n-Octadecane (C18)

R.T.: 11.612 min
Delta R.T.: -0.005 min
Response: 5249769
Conc: 25.47 ug/ml



#9 ortho-Terphenyl (SURR)

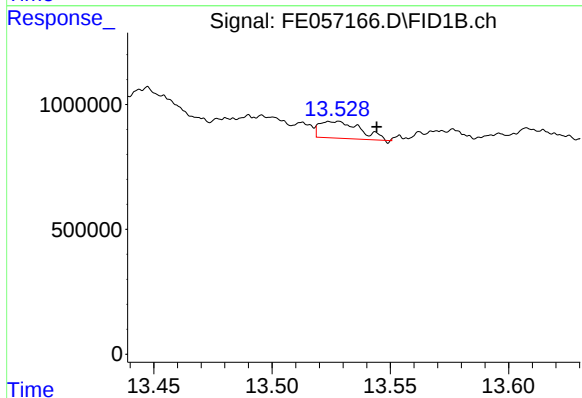
R.T.: 11.960 min
Delta R.T.: 0.020 min
Response: 20202637
Conc: 92.06 ug/ml



#10 n-Eicosane (C20)

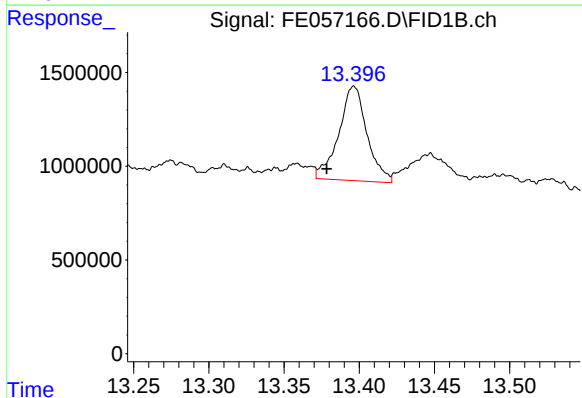
R.T.: 12.955 min
Delta R.T.: 0.024 min
Response: 3182320
Conc: 16.18 ug/ml

Instrument :
FID_E
ClientSampleId :



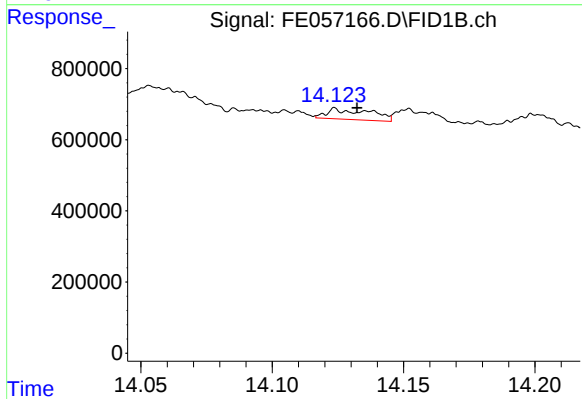
#11 n-Heneicosane (C21)

R.T.: 13.526 min
Delta R.T.: -0.018 min
Response: 800402
Conc: 4.17 ug/ml



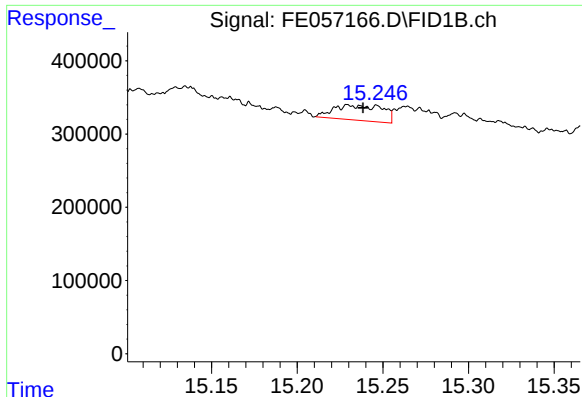
#12 1-chlorooctadecane (SURR)

R.T.: 13.396 min
Delta R.T.: 0.018 min
Response: 6579156
Conc: 39.53 ug/ml



#13 n-Docosane (C22)

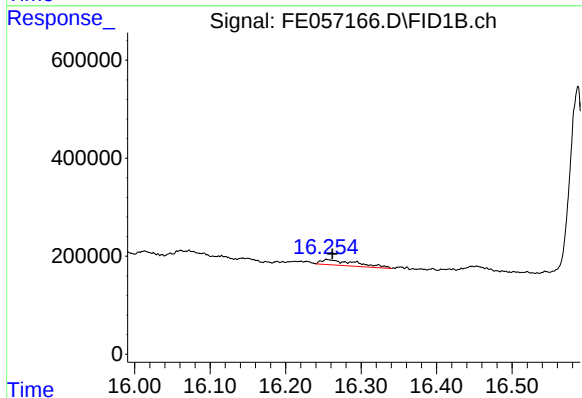
R.T.: 14.125 min
Delta R.T.: -0.007 min
Response: 344681
Conc: 1.79 ug/ml



#14 n-Tetracosane (C24)

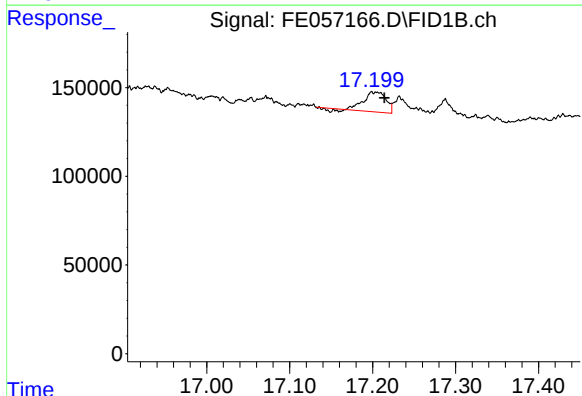
R.T.: 15.231 min
Delta R.T.: -0.007 min
Response: 411779
Conc: 2.08 ug/ml

Instrument :
FID_E
ClientSampleId :



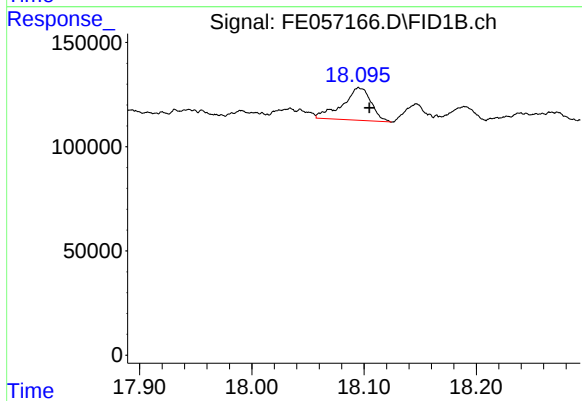
#15 n-Hexacosane (C26)

R.T.: 16.256 min
Delta R.T.: -0.006 min
Response: 363026
Conc: 1.83 ug/ml



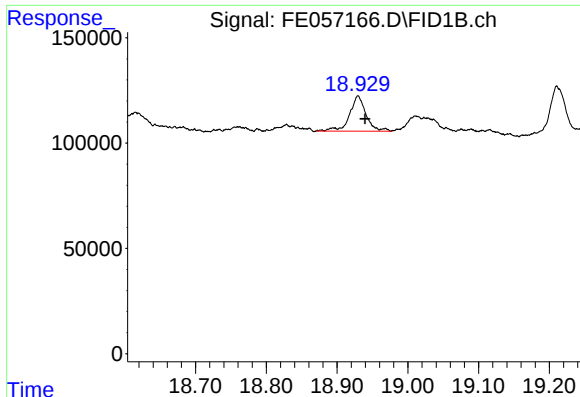
#16 n-Octacosane (C28)

R.T.: 17.203 min
Delta R.T.: -0.011 min
Response: 210559
Conc: 1.02 ug/ml



#17 n-Tricontane (C30)

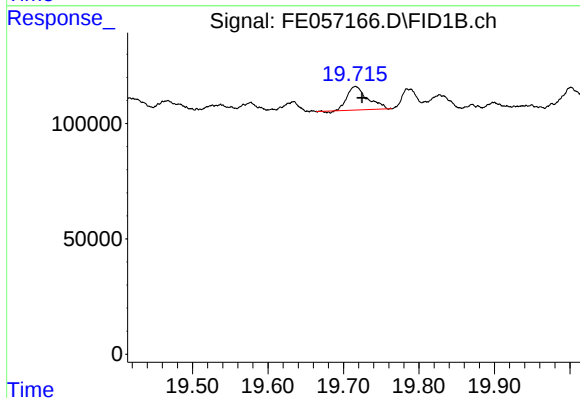
R.T.: 18.096 min
Delta R.T.: -0.009 min
Response: 276695
Conc: 1.23 ug/ml



#18 n-Dotriacontane (C32)

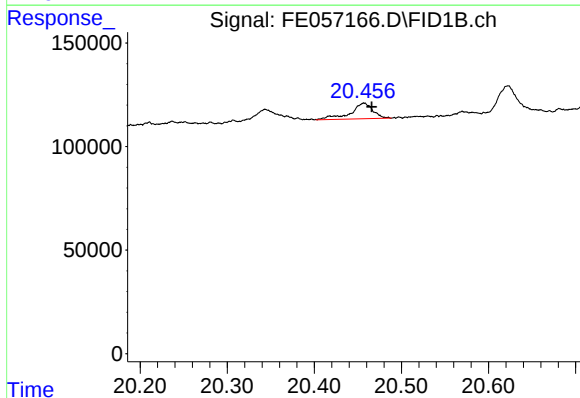
R.T.: 18.930 min
Delta R.T.: -0.010 min
Response: 270691
Conc: 1.16 ug/ml

Instrument :
FID_E
ClientSampleId :



#19 n-Tetatriacontane (C34)

R.T.: 19.716 min
Delta R.T.: -0.009 min
Response: 188117
Conc: 0.88 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.457 min
Delta R.T.: -0.009 min
Response: 134486
Conc: 0.72 ug/ml