

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120425AL\
 Data File : FE057165.D
 Signal(s) : FID1B.ch
 Acq On : 04 Dec 2025 16:40
 Operator : YP\AJ
 Sample : Q3753-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 05 00:23:44 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)	11.961	17404361	79.312 ug/ml
Spiked Amount 50.000		Recovery =	158.62%
12) S 1-chlorooctadecane (S...	13.366	1054564	6.336 ug/ml
Spiked Amount 50.000		Recovery =	12.67%
Target Compounds			
6) T n-Tetradecane (C14)	8.559	385296	1.914 ug/ml
7) T n-Hexadecane (C16)	10.189	1017670	4.962 ug/ml
8) T n-Octadecane (C18)	11.609	4711642	22.859 ug/ml
10) T n-Eicosane (C20)	12.952	2984955	15.174 ug/ml
11) T n-Heneicosane (C21)	13.572	500503	2.605 ug/ml
13) T n-Docosane (C22)	14.125	213090	1.104 ug/ml
14) T n-Tetracosane (C24)	15.239	281648	1.422 ug/ml
15) T n-Hexacosane (C26)	16.260	326653	1.647 ug/ml
16) T n-Octacosane (C28)	17.206	126078	0.614 ug/ml
17) T n-Tricontane (C30)	18.097	185003	0.824 ug/ml
18) T n-Dotriacontane (C32)	18.930	185345	0.794 ug/ml
19) T n-Tetratriacontane (C34)	19.718	148891	0.697 ug/ml

(f)=RT Delta > 1/2 Window

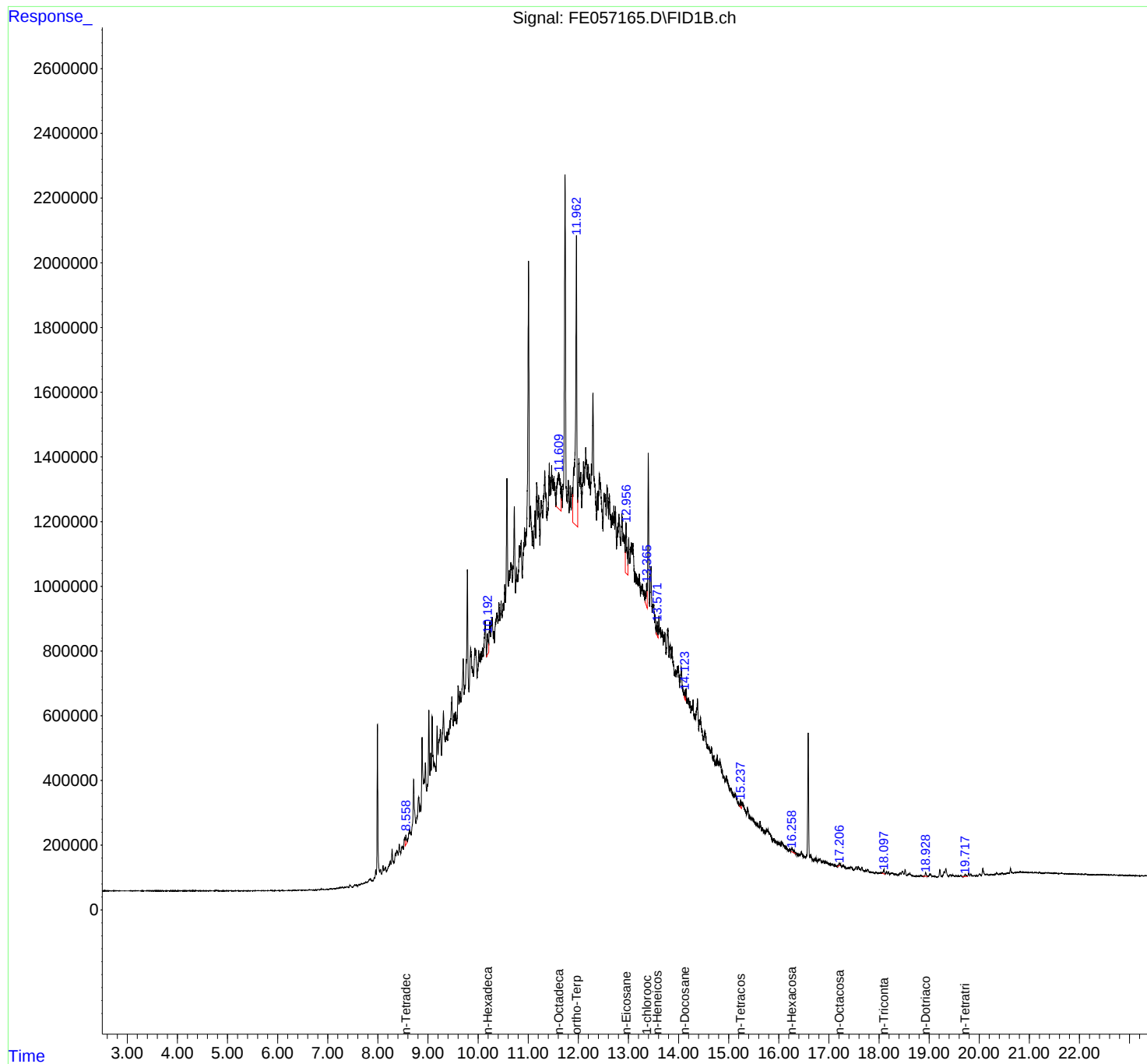
(m)=manual int.

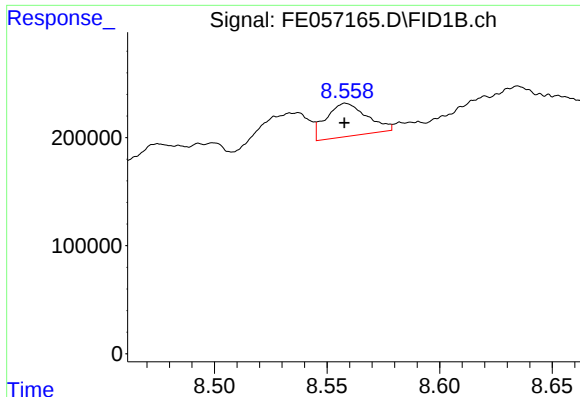
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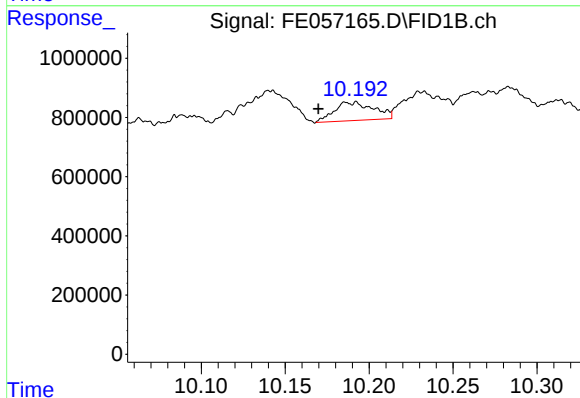




#6 n-Tetradecane (C14)

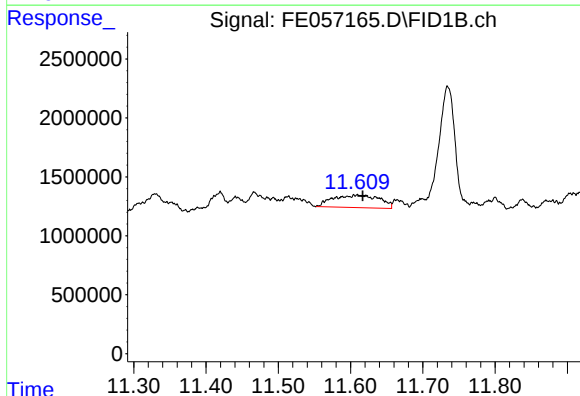
R.T.: 8.559 min
Delta R.T.: 0.000 min
Response: 385296
Conc: 1.91 ug/ml

Instrument :
FID_E
ClientSampleId :



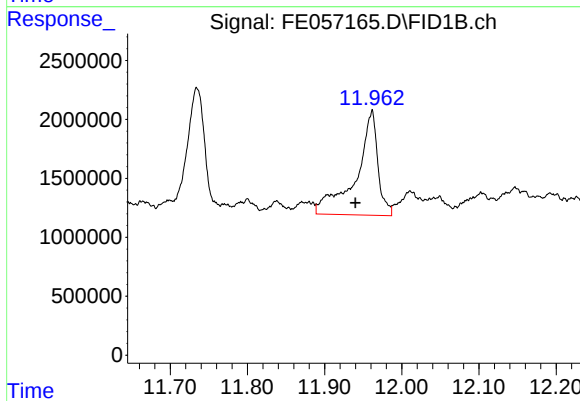
#7 n-Hexadecane (C16)

R.T.: 10.189 min
Delta R.T.: 0.019 min
Response: 1017670
Conc: 4.96 ug/ml



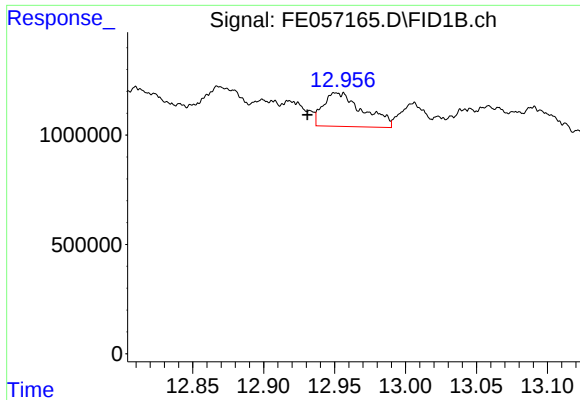
#8 n-Octadecane (C18)

R.T.: 11.609 min
Delta R.T.: -0.008 min
Response: 4711642
Conc: 22.86 ug/ml



#9 ortho-Terphenyl (SURR)

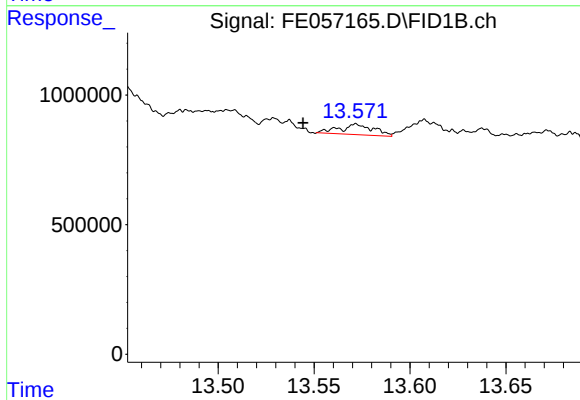
R.T.: 11.961 min
Delta R.T.: 0.021 min
Response: 17404361
Conc: 79.31 ug/ml



#10 n-Eicosane (C20)

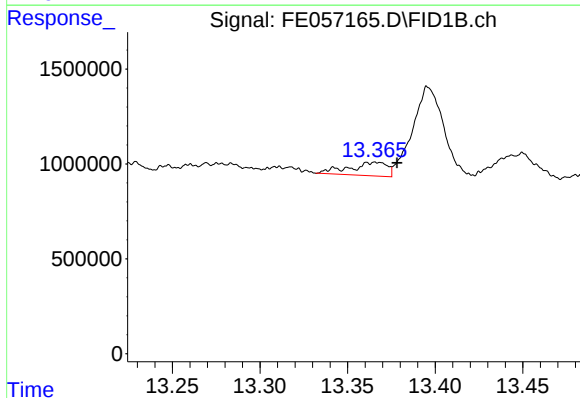
R.T.: 12.952 min
Delta R.T.: 0.021 min
Response: 2984955
Conc: 15.17 ug/ml

Instrument :
FID_E
ClientSampleId :



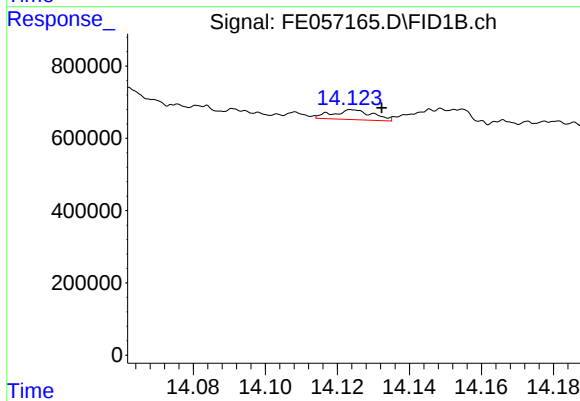
#11 n-Heneicosane (C21)

R.T.: 13.572 min
Delta R.T.: 0.028 min
Response: 500503
Conc: 2.61 ug/ml



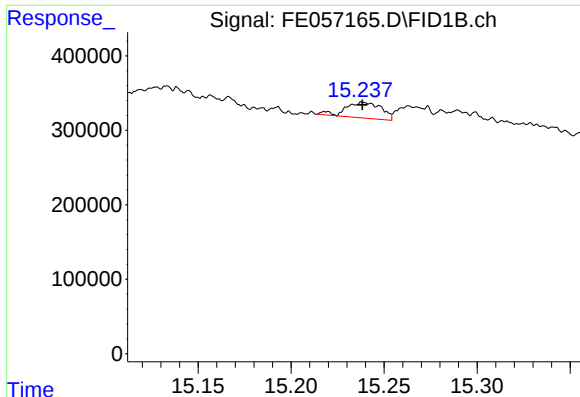
#12 1-chlorooctadecane (SURR)

R.T.: 13.366 min
Delta R.T.: -0.013 min
Response: 1054564
Conc: 6.34 ug/ml



#13 n-Docosane (C22)

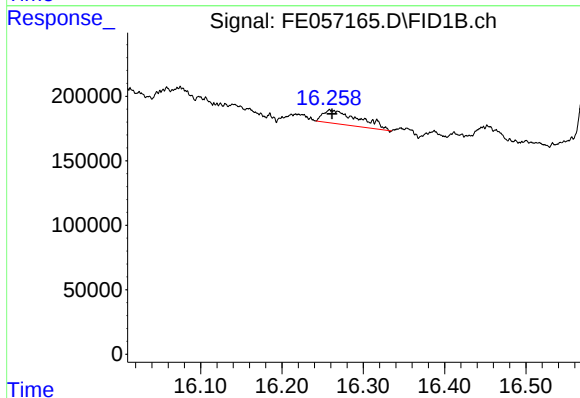
R.T.: 14.125 min
Delta R.T.: -0.008 min
Response: 213090
Conc: 1.10 ug/ml



#14 n-Tetracosane (C24)

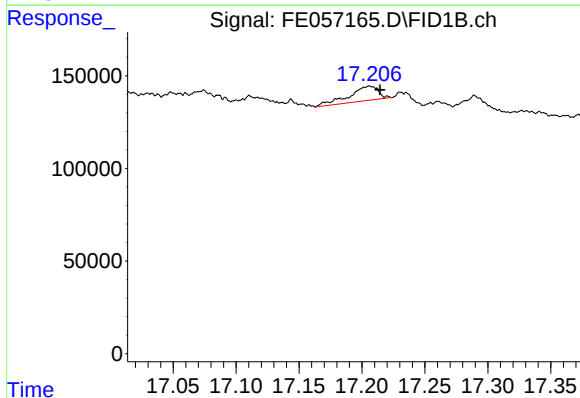
R.T.: 15.239 min
Delta R.T.: 0.000 min
Response: 281648
Conc: 1.42 ug/ml

Instrument :
FID_E
ClientSampleId :



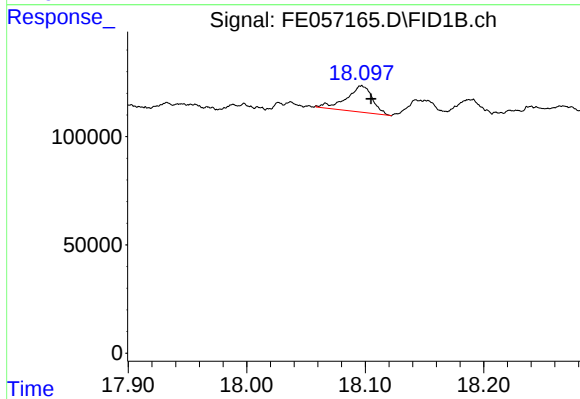
#15 n-Hexacosane (C26)

R.T.: 16.260 min
Delta R.T.: -0.002 min
Response: 326653
Conc: 1.65 ug/ml



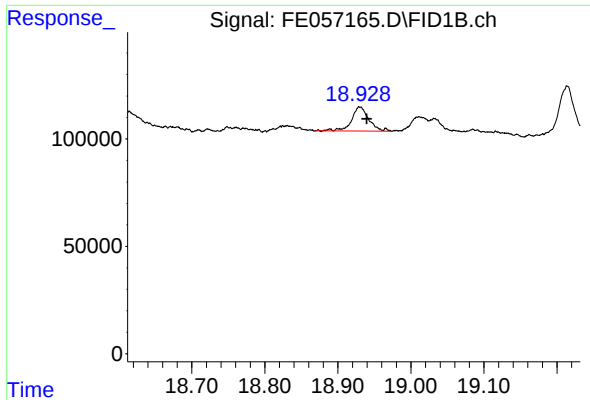
#16 n-Octacosane (C28)

R.T.: 17.206 min
Delta R.T.: -0.008 min
Response: 126078
Conc: 0.61 ug/ml



#17 n-Tricontane (C30)

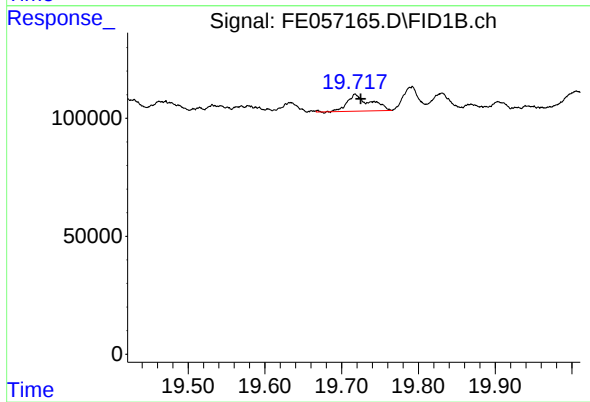
R.T.: 18.097 min
Delta R.T.: -0.008 min
Response: 185003
Conc: 0.82 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.930 min
Delta R.T.: -0.009 min
Response: 185345
Conc: 0.79 ug/ml

Instrument :
FID_E
ClientSampleId :



#19 n-Tetratriacontane (C34)

R.T.: 19.718 min
Delta R.T.: -0.007 min
Response: 148891
Conc: 0.70 ug/ml