

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011425AL\
 Data File : FE051916.D
 Signal(s) : FID1B.ch
 Acq On : 14 Jan 2025 15:11
 Operator : YP\AJ
 Sample : Q1076-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jan 15 01:26:56 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 010225.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 14 13:43:24 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)	12.160	11744182	81.022 ug/ml
Spiked Amount 50.000		Recovery =	162.04%
12) S 1-chlorooctadecane (S...	13.585	6723895	58.515 ug/ml
Spiked Amount 50.000		Recovery =	117.03%
Target Compounds			
6) T n-Tetradecane (C14)	8.777	140304	1.170 ug/ml
7) T n-Hexadecane (C16)	10.409	751216	5.870 ug/ml
8) T n-Octadecane (C18)	11.828	3873623	29.111 ug/ml
10) T n-Eicosane (C20)	13.133	3202606	24.340 ug/ml
11) T n-Heneicosane (C21)	13.770	2101970	15.994 ug/ml
13) T n-Docosane (C22)	14.328	110365	0.841 ug/ml
14) T n-Tetracosane (C24)	15.429	235932	1.781 ug/ml
17) T n-Tricontane (C30)	18.285	204642	1.557 ug/ml
18) T n-Dotriacontane (C32)	19.112	184249	1.452 ug/ml

(f)=RT Delta > 1/2 Window

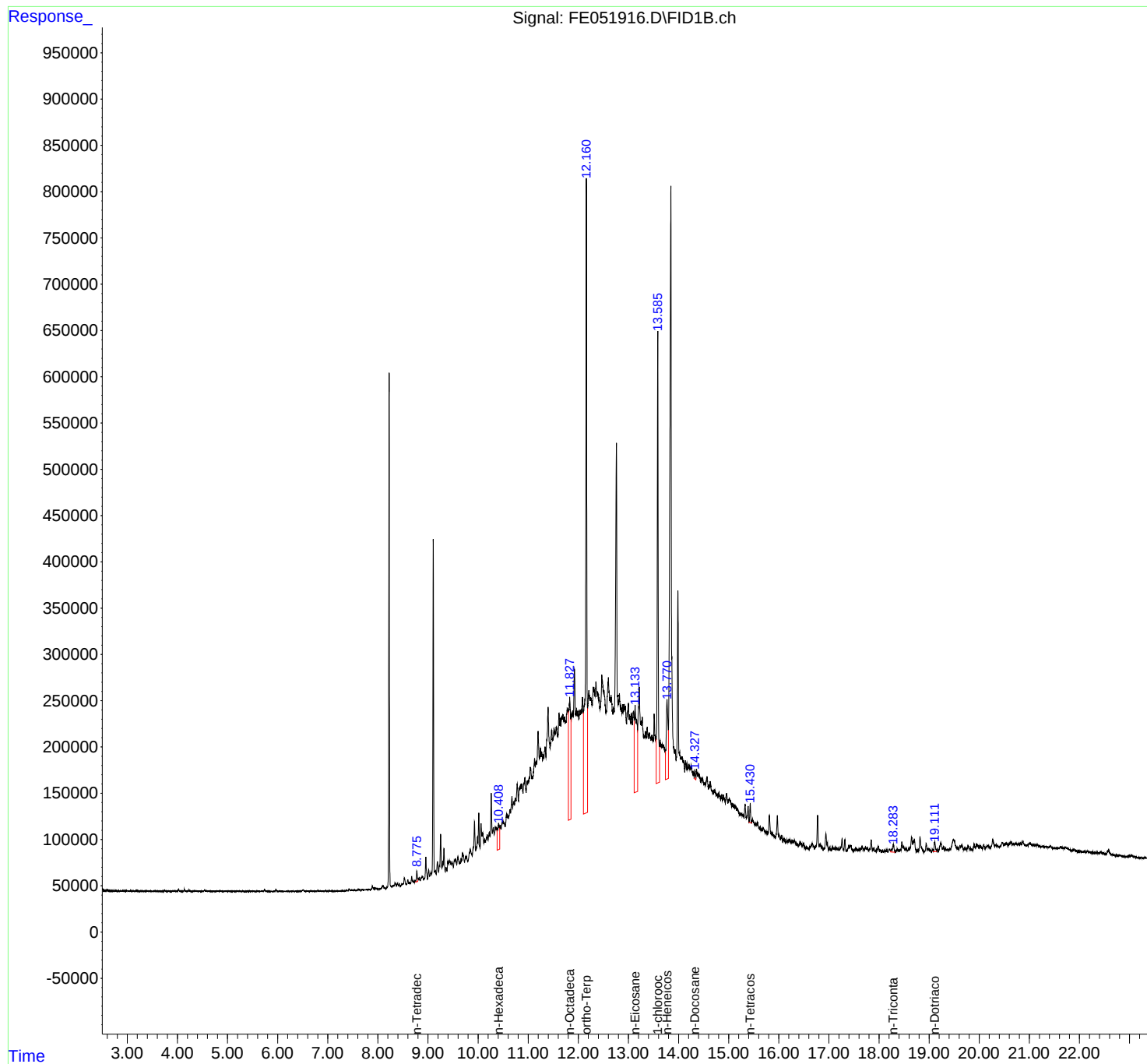
(m)=manual int.

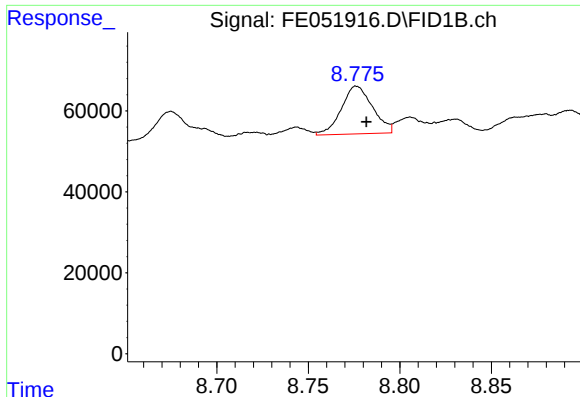
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Signal Info : 20M x 0.18mm x 0.18um

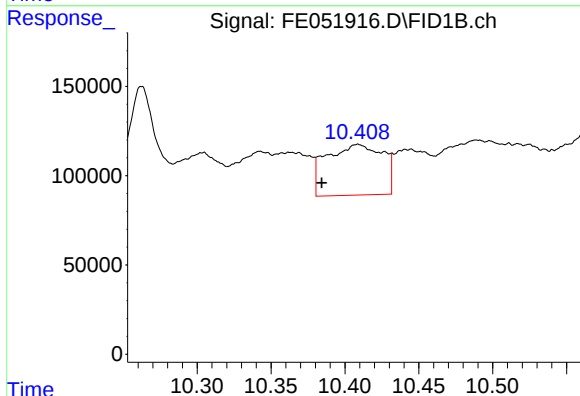




#6 n-Tetradecane (C14)

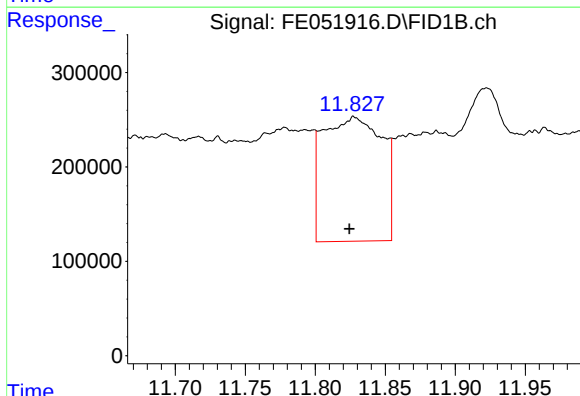
R.T.: 8.777 min
Delta R.T.: -0.005 min
Response: 140304
Conc: 1.17 ug/ml

Instrument :
FID_E
ClientSampleId :



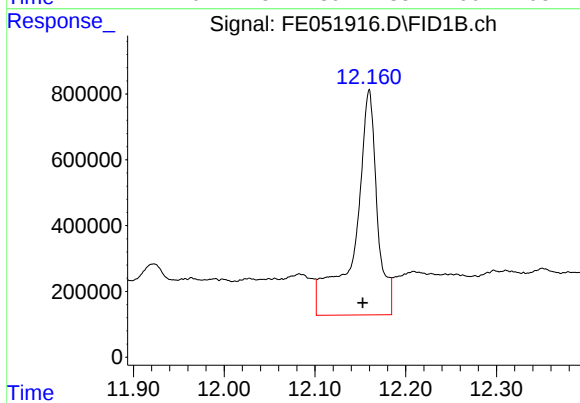
#7 n-Hexadecane (C16)

R.T.: 10.409 min
Delta R.T.: 0.024 min
Response: 751216
Conc: 5.87 ug/ml



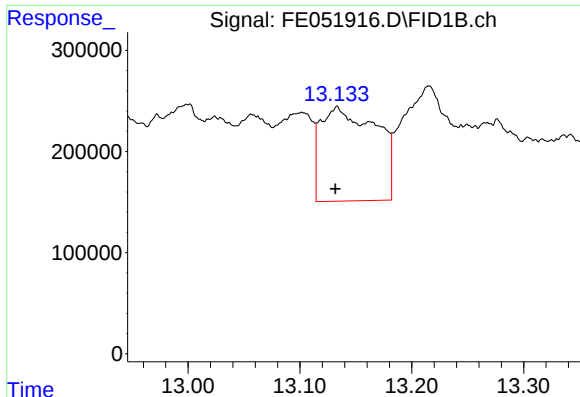
#8 n-Octadecane (C18)

R.T.: 11.828 min
Delta R.T.: 0.004 min
Response: 3873623
Conc: 29.11 ug/ml



#9 ortho-Terphenyl (SURR)

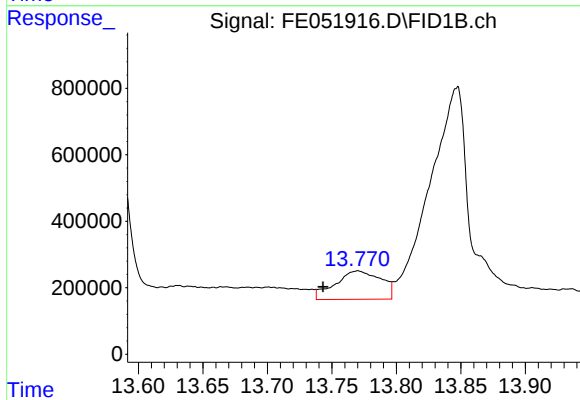
R.T.: 12.160 min
Delta R.T.: 0.007 min
Response: 11744182
Conc: 81.02 ug/ml



#10 n-Eicosane (C20)

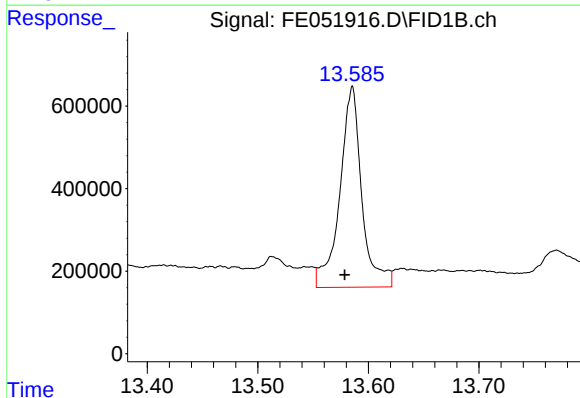
R.T.: 13.133 min
Delta R.T.: 0.001 min
Response: 3202606
Conc: 24.34 ug/ml

Instrument :
FID_E
ClientSampleId :



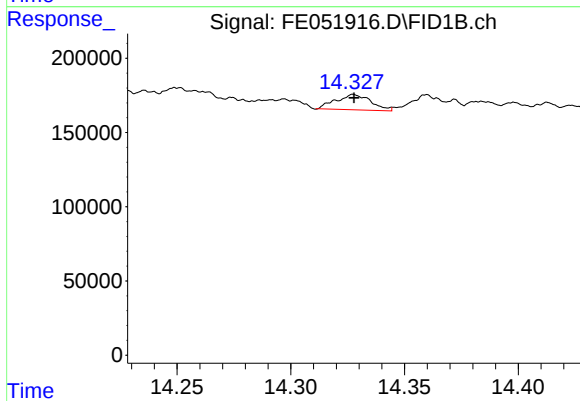
#11 n-Heneicosane (C21)

R.T.: 13.770 min
Delta R.T.: 0.027 min
Response: 2101970
Conc: 15.99 ug/ml



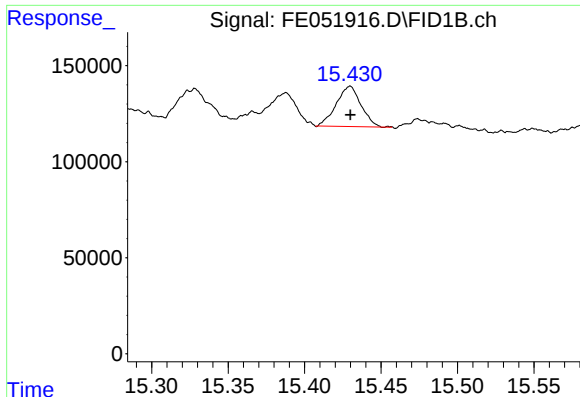
#12 1-chlorooctadecane (SURR)

R.T.: 13.585 min
Delta R.T.: 0.006 min
Response: 6723895
Conc: 58.51 ug/ml



#13 n-Docosane (C22)

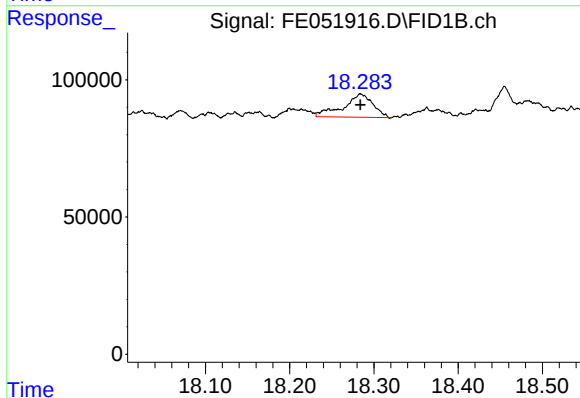
R.T.: 14.328 min
Delta R.T.: 0.000 min
Response: 110365
Conc: 0.84 ug/ml



#14 n-Tetracosane (C24)

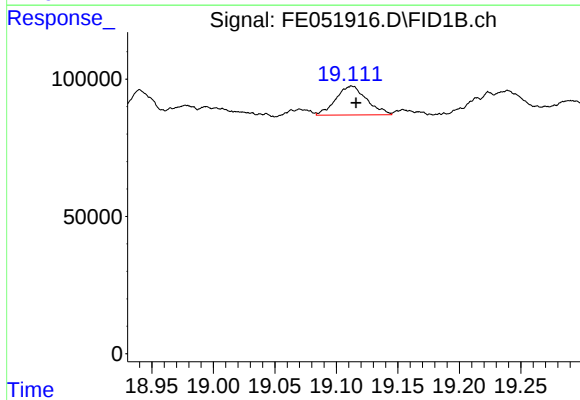
R.T.: 15.429 min
Delta R.T.: 0.000 min
Response: 235932
Conc: 1.78 ug/ml

Instrument :
FID_E
ClientSampleId :



#17 n-Tricontane (C30)

R.T.: 18.285 min
Delta R.T.: 0.000 min
Response: 204642
Conc: 1.56 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 19.112 min
Delta R.T.: -0.004 min
Response: 184249
Conc: 1.45 ug/ml