

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051525AL\
 Data File : FE053838.D
 Signal(s) : FID1B.ch
 Acq On : 15 May 2025 09:24
 Operator : YP\AJ
 Sample : Q2014-02DL 5X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 15 23:20:31 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
 Quant Title : GC Extractables
 QLast Update : Wed May 14 12:15:41 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)	11.866	8724079	53.683 ug/ml
Spiked Amount 50.000		Recovery =	107.37%
12) S 1-chlorooctadecane (S...	13.323	8419732	71.023 ug/ml
Spiked Amount 50.000		Recovery =	142.05%
Target Compounds			
6) T n-Tetradecane (C14)	8.456	388509	2.879 ug/ml
7) T n-Hexadecane (C16)	10.103	707667	5.245 ug/ml
8) T n-Octadecane (C18)	11.519	386221	2.868 ug/ml
10) T n-Eicosane (C20)	12.838	3717941	28.289 ug/ml
11) T n-Heneicosane (C21)	13.489	3374372	26.028 ug/ml
13) T n-Docosane (C22)	14.073	4202346	32.940 ug/ml
14) T n-Tetracosane (C24)	15.167	228766	1.828 ug/ml
15) T n-Hexacosane (C26)	16.208	337694	2.758 ug/ml
16) T n-Octacosane (C28)	17.151	239287	1.968 ug/ml

(f)=RT Delta > 1/2 Window

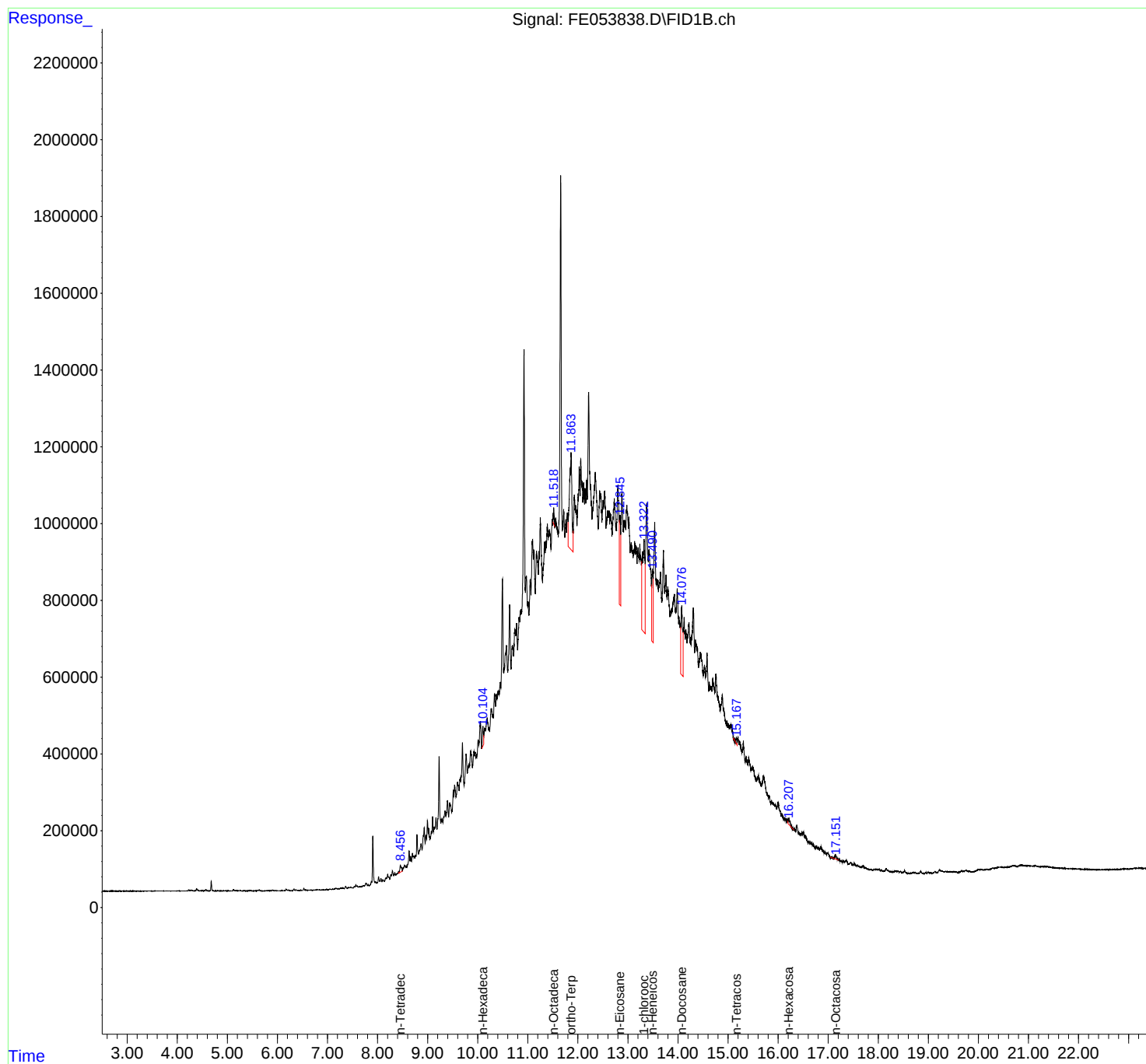
(m)=manual int.

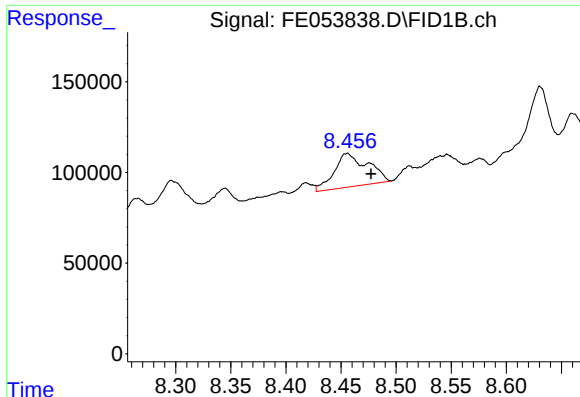
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Signal Info : 20M x 0.18mm x 0.18um

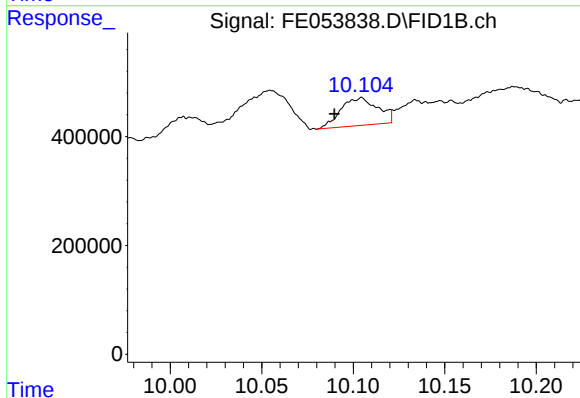




#6 n-Tetradecane (C14)

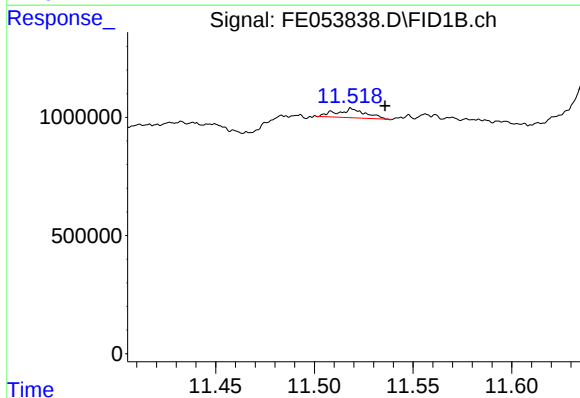
R.T.: 8.456 min
Delta R.T.: -0.021 min
Response: 388509
Conc: 2.88 ug/ml

Instrument :
FID_E
ClientSampleId :



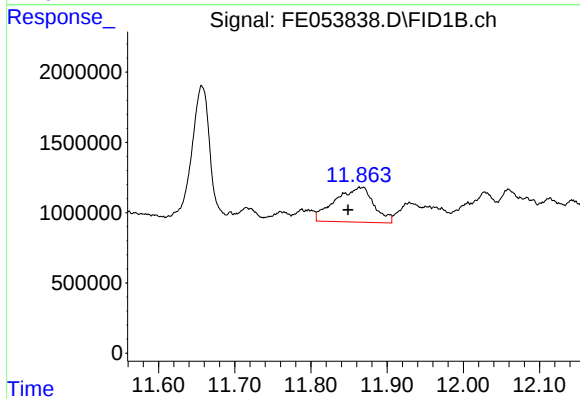
#7 n-Hexadecane (C16)

R.T.: 10.103 min
Delta R.T.: 0.014 min
Response: 707667
Conc: 5.24 ug/ml



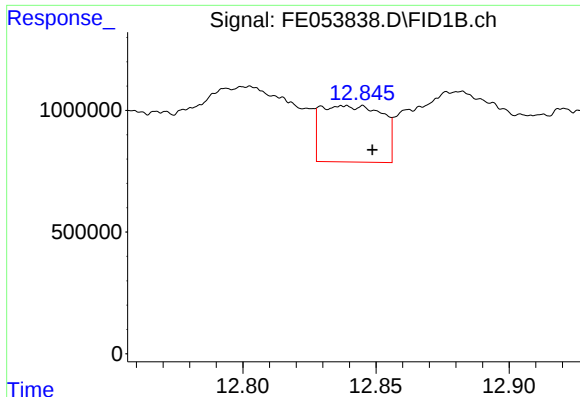
#8 n-Octadecane (C18)

R.T.: 11.519 min
Delta R.T.: -0.017 min
Response: 386221
Conc: 2.87 ug/ml



#9 ortho-Terphenyl (SURR)

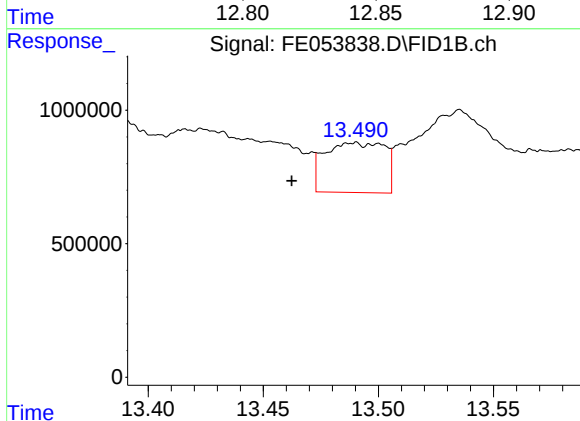
R.T.: 11.866 min
Delta R.T.: 0.018 min
Response: 8724079
Conc: 53.68 ug/ml



#10 n-Eicosane (C20)

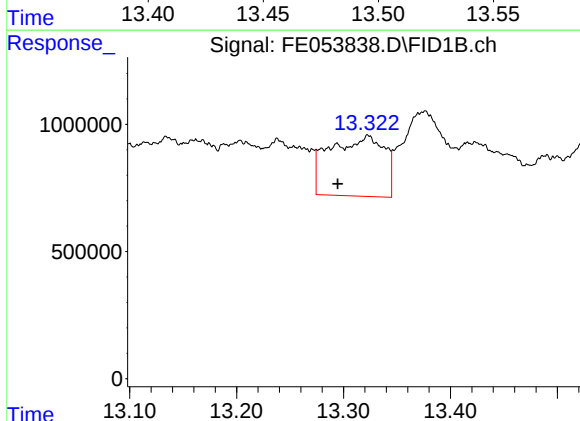
R.T.: 12.838 min
Delta R.T.: -0.010 min
Response: 3717941
Conc: 28.29 ug/ml

Instrument :
FID_E
ClientSampleId :



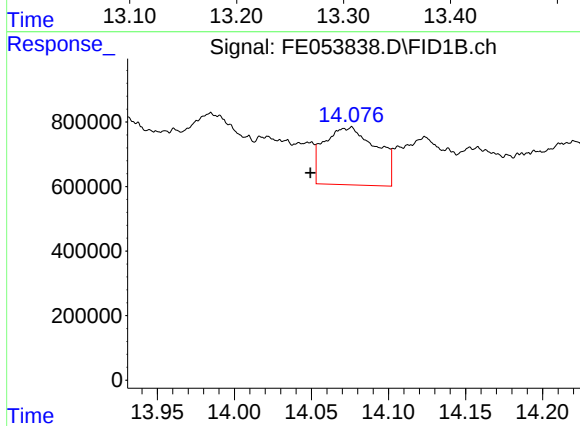
#11 n-Heneicosane (C21)

R.T.: 13.489 min
Delta R.T.: 0.027 min
Response: 3374372
Conc: 26.03 ug/ml



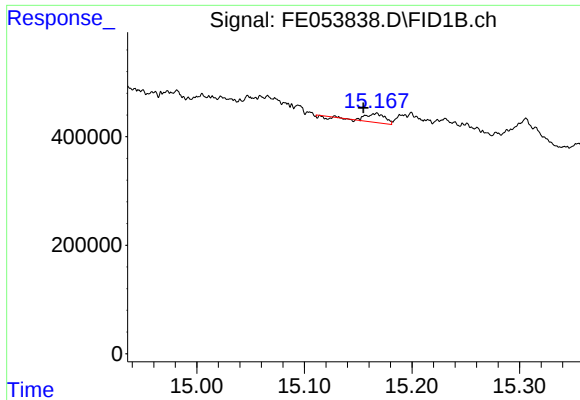
#12 1-chlorooctadecane (SURR)

R.T.: 13.323 min
Delta R.T.: 0.028 min
Response: 8419732
Conc: 71.02 ug/ml



#13 n-Docosane (C22)

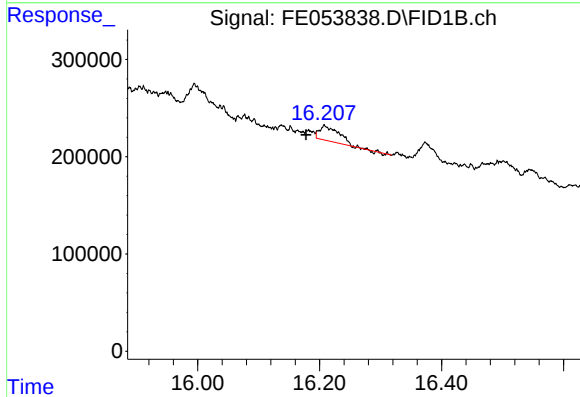
R.T.: 14.073 min
Delta R.T.: 0.024 min
Response: 4202346
Conc: 32.94 ug/ml



#14 n-Tetracosane (C24)

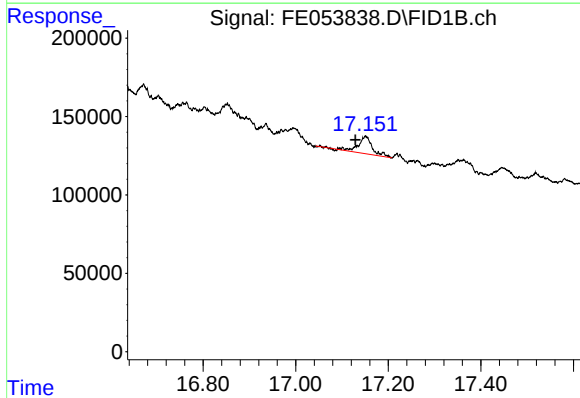
R.T.: 15.167 min
Delta R.T.: 0.012 min
Response: 228766
Conc: 1.83 ug/ml

Instrument :
FID_E
ClientSampleId :



#15 n-Hexacosane (C26)

R.T.: 16.208 min
Delta R.T.: 0.031 min
Response: 337694
Conc: 2.76 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.151 min
Delta R.T.: 0.022 min
Response: 239287
Conc: 1.97 ug/ml