

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061325AL\
 Data File : FE054339.D
 Signal(s) : FID1B.ch
 Acq On : 12 Jun 2025 14:41
 Operator : YP\AJ
 Sample : Q2283-01DL2 50X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 MOO-25-0166-MOO-25-0167DL2

Integration File: autoint1.e
 Quant Time: Jun 13 01:17:07 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061025.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 10 07:24:04 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)	11.825	671117	4.062 ug/ml
Spiked Amount 50.000		Recovery =	8.12%
12) S 1-chlorooctadecane (S...	13.273	209427	1.717 ug/ml
Spiked Amount 50.000		Recovery =	3.43%
Target Compounds			
6) T n-Tetradecane (C14)	8.456	61373	0.474 ug/ml
7) T n-Hexadecane (C16)	10.068	6358	0.048 ug/ml
8) T n-Octadecane (C18)	11.513	49777	0.369 ug/ml
10) T n-Eicosane (C20)	12.825	299922	2.242 ug/ml
11) T n-Heneicosane (C21)	13.438	27678	0.208 ug/ml
13) T n-Docosane (C22)	14.019	96773	0.738 ug/ml
14) T n-Tetracosane (C24)	15.133	180597	1.400 ug/ml
16) T n-Octacosane (C28)	17.055f	24645	0.201 ug/ml
18) T n-Dotriacontane (C32)	18.827	38364	0.305 ug/ml

(f)=RT Delta > 1/2 Window

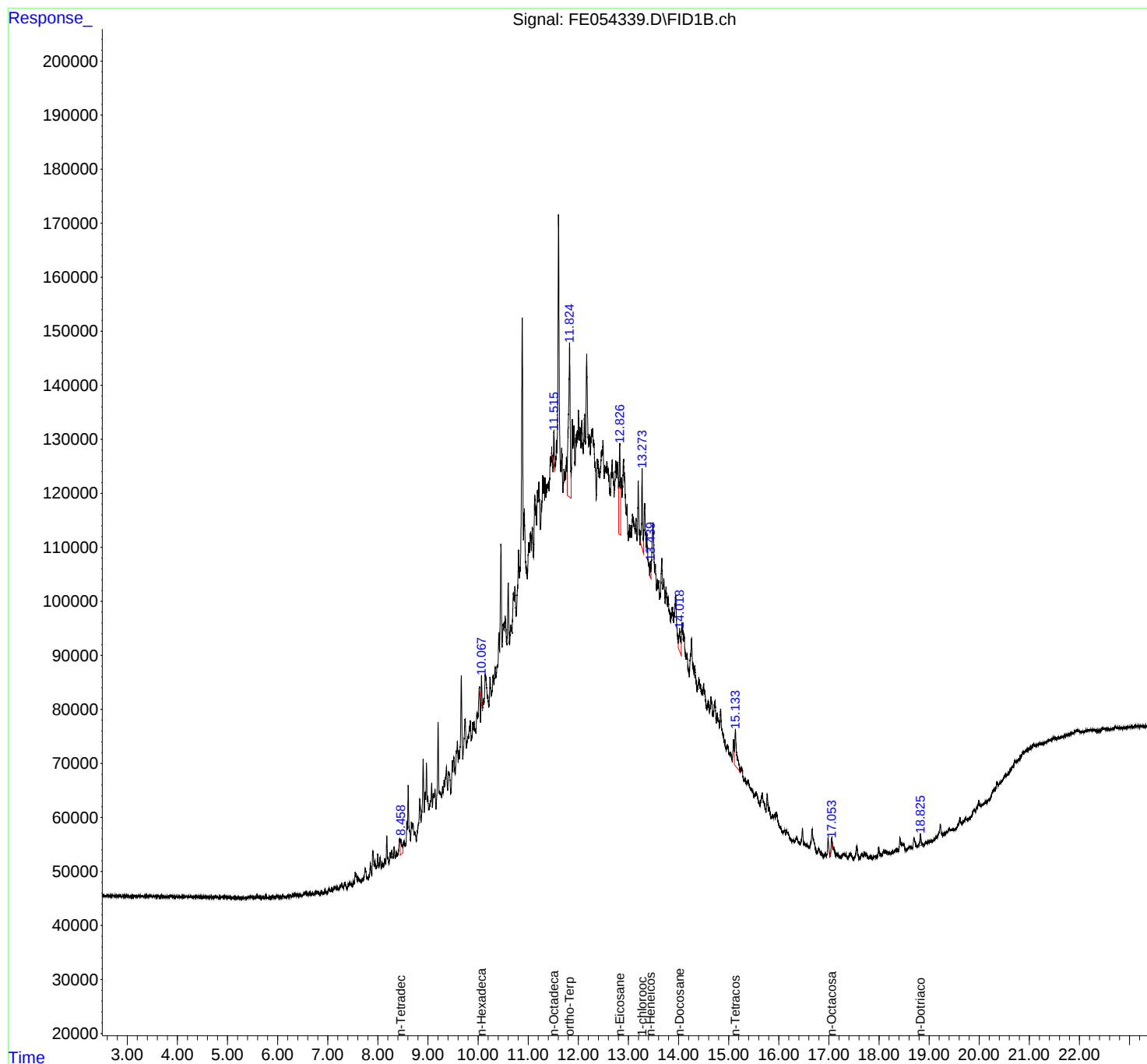
(m)=manual int.

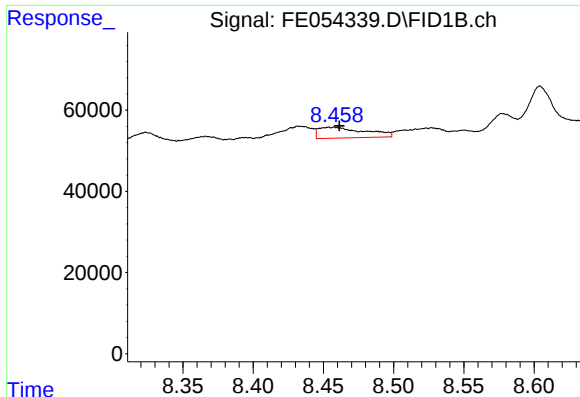
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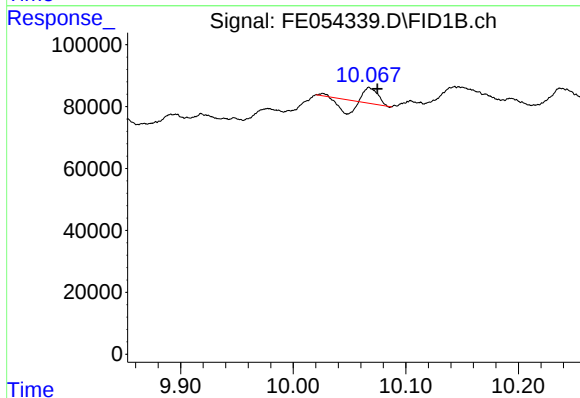




#6 n-Tetradecane (C14)

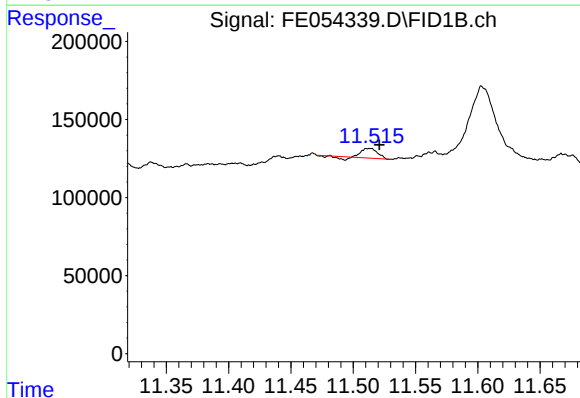
R.T.: 8.456 min
Delta R.T.: -0.005 min
Response: 61373
Conc: 0.47 ug/ml

Instrument :
FID_E
ClientSampleId :
MOO-25-0166-MOO-25-0167DL2



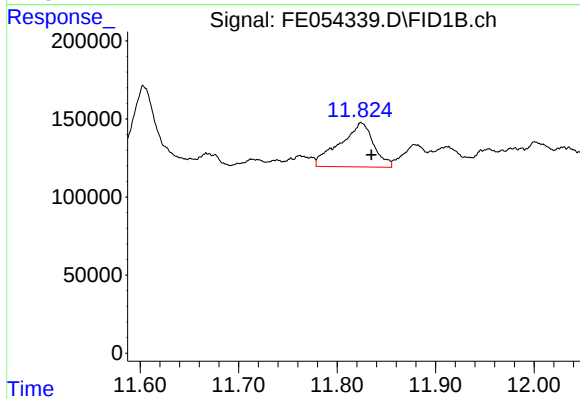
#7 n-Hexadecane (C16)

R.T.: 10.068 min
Delta R.T.: -0.007 min
Response: 6358
Conc: 0.05 ug/ml



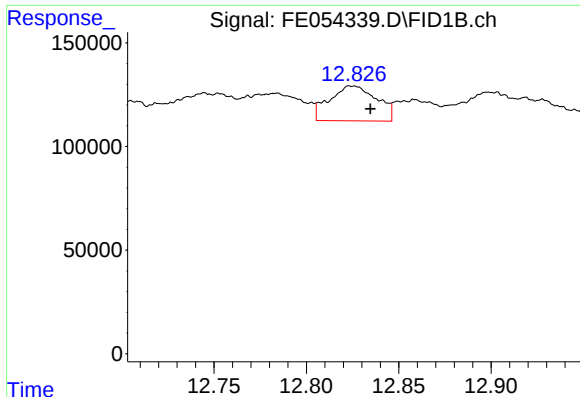
#8 n-Octadecane (C18)

R.T.: 11.513 min
Delta R.T.: -0.008 min
Response: 49777
Conc: 0.37 ug/ml



#9 ortho-Terphenyl (SURR)

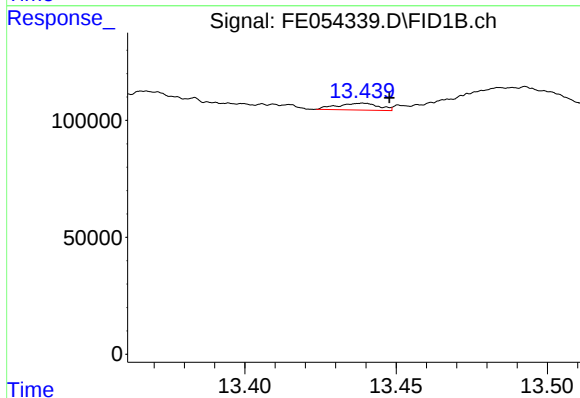
R.T.: 11.825 min
Delta R.T.: -0.010 min
Response: 671117
Conc: 4.06 ug/ml



#10 n-Eicosane (C20)

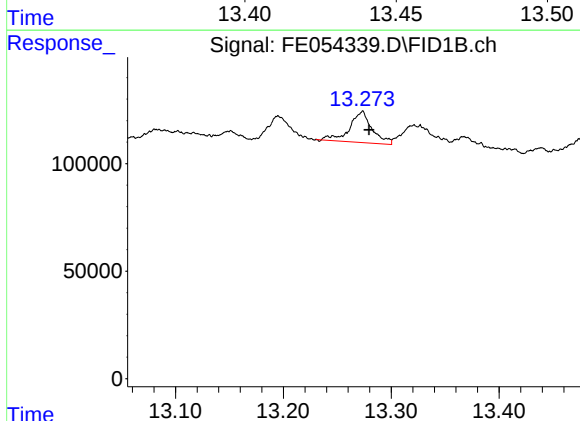
R.T.: 12.825 min
Delta R.T.: -0.009 min
Response: 299922
Conc: 2.24 ug/ml

Instrument :
FID_E
ClientSampleId :
MOO-25-0166-MOO-25-0167DL2



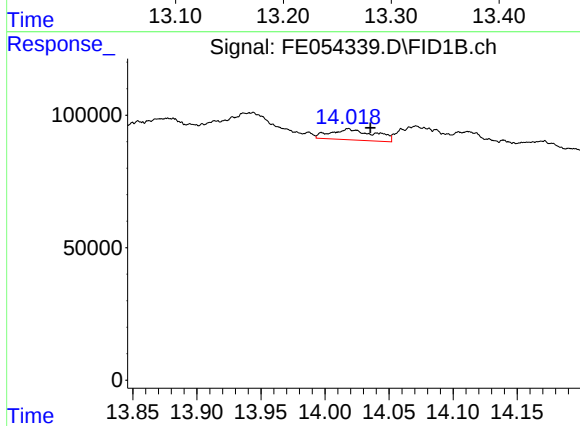
#11 n-Heneicosane (C21)

R.T.: 13.438 min
Delta R.T.: -0.009 min
Response: 27678
Conc: 0.21 ug/ml



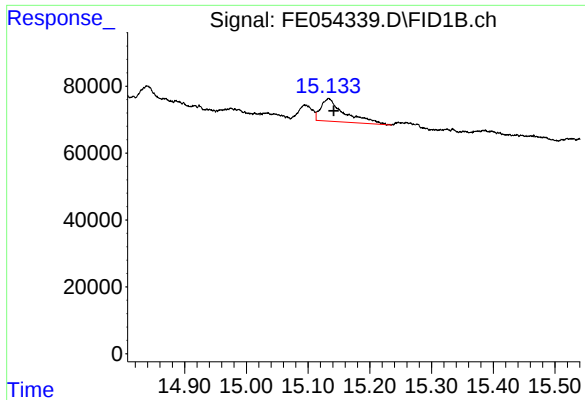
#12 1-chlorooctadecane (SURR)

R.T.: 13.273 min
Delta R.T.: -0.007 min
Response: 209427
Conc: 1.72 ug/ml



#13 n-Docosane (C22)

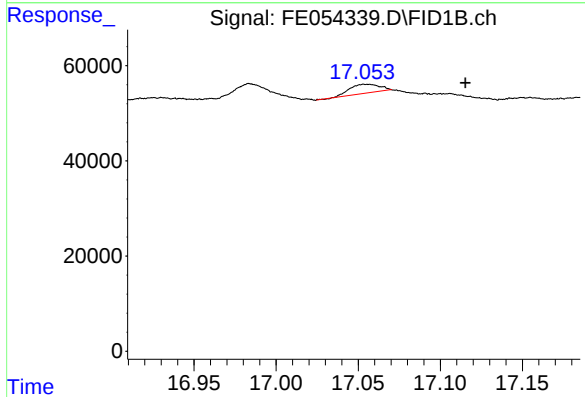
R.T.: 14.019 min
Delta R.T.: -0.017 min
Response: 96773
Conc: 0.74 ug/ml



#14 n-Tetracosane (C24)

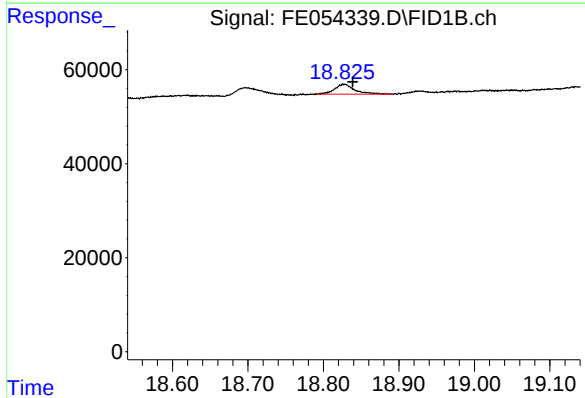
R.T.: 15.133 min
Delta R.T.: -0.008 min
Response: 180597
Conc: 1.40 ug/ml

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#16 n-Octacosane (C28)

R.T.: 17.055 min
Delta R.T.: -0.060 min
Response: 24645
Conc: 0.20 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.827 min
Delta R.T.: -0.012 min
Response: 38364
Conc: 0.31 ug/ml