

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042325AL\
 Data File : FE053493.D
 Signal(s) : FID1B.ch
 Acq On : 23 Apr 2025 08:12
 Operator : YP\AJ
 Sample : Q1847-03DL 10X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PAD-42125DL

Integration File: autoint1.e
 Quant Time: Apr 24 01:24:14 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 041725.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 23 15:58:53 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)	11.875	8616556	47.774 ug/ml
Spiked Amount 50.000		Recovery =	95.55%
12) S 1-chlorooctadecane (S...	13.331	5656146	41.843 ug/ml
Spiked Amount 50.000		Recovery =	83.69%
Target Compounds			
7) T n-Hexadecane (C16)	10.112	209127	1.459 ug/ml
8) T n-Octadecane (C18)	11.567	437591	3.003 ug/ml
10) T n-Eicosane (C20)	12.885	5147489	35.375 ug/ml
11) T n-Heneicosane (C21)	13.463	3452689	23.837 ug/ml
13) T n-Docosane (C22)	14.080	4080452	28.277 ug/ml
14) T n-Tetracosane (C24)	15.191	1242910	8.653 ug/ml

(f)=RT Delta > 1/2 Window

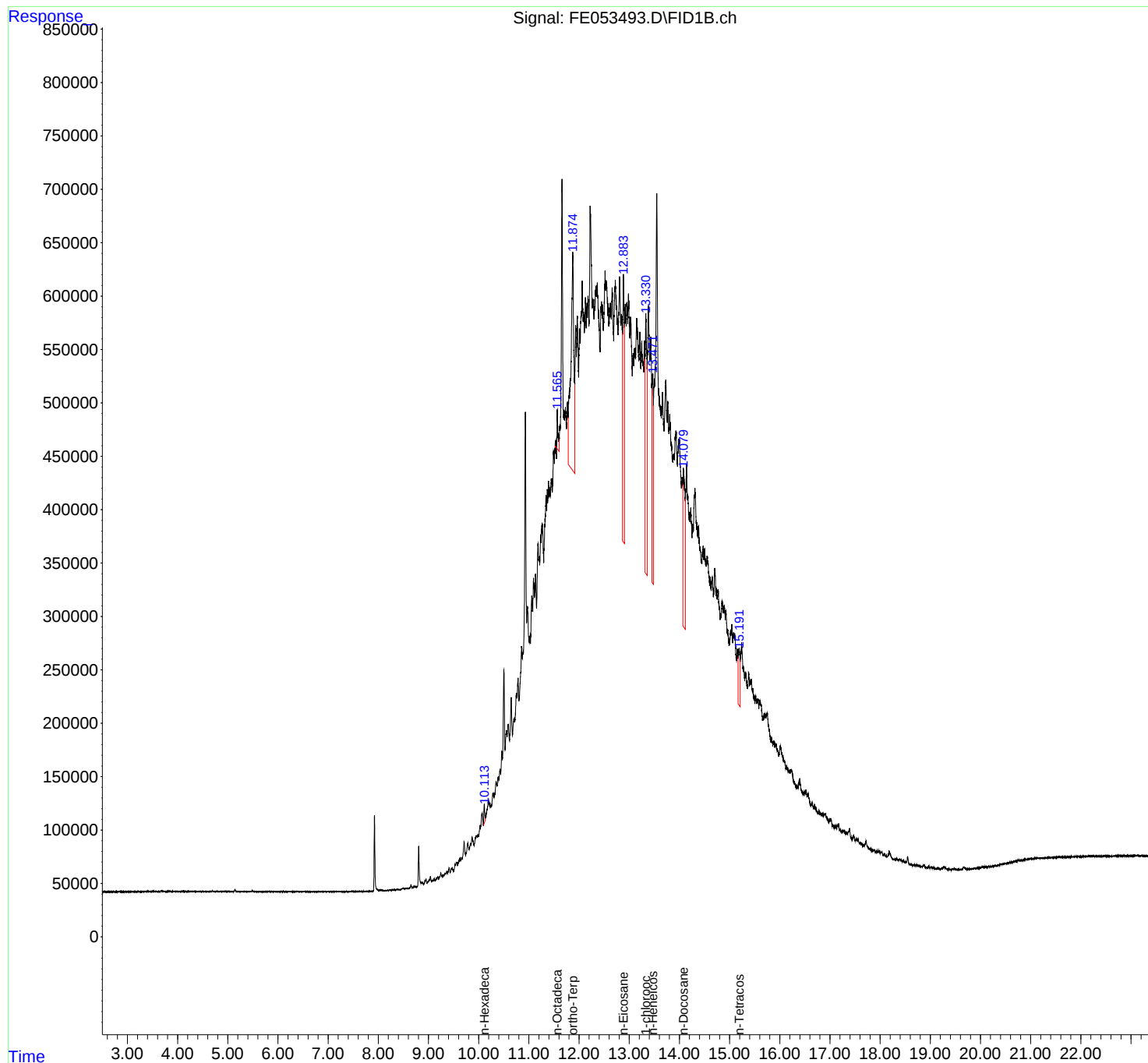
(m)=manual int.

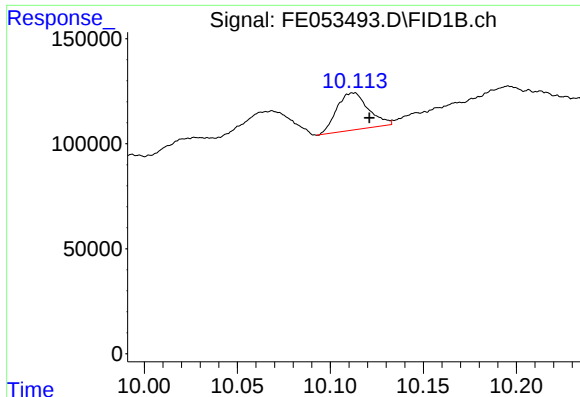
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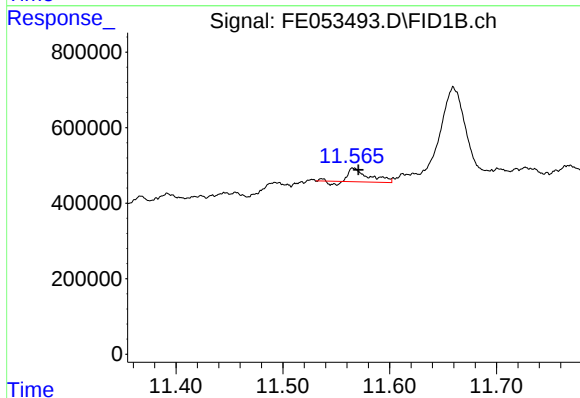




#7 n-Hexadecane (C16)

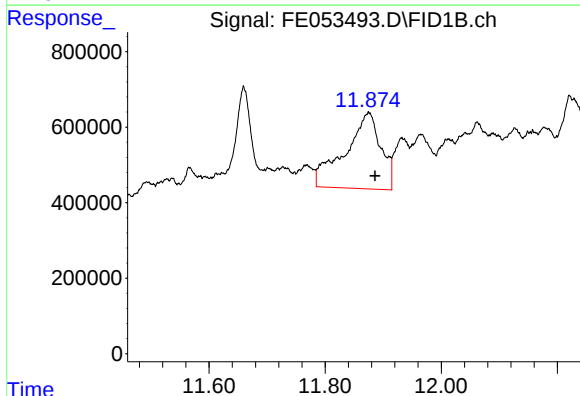
R.T.: 10.112 min
Delta R.T.: -0.009 min
Response: 209127
Conc: 1.46 ug/ml

Instrument :
FID_E
ClientSampleId :
PAD-42125DL



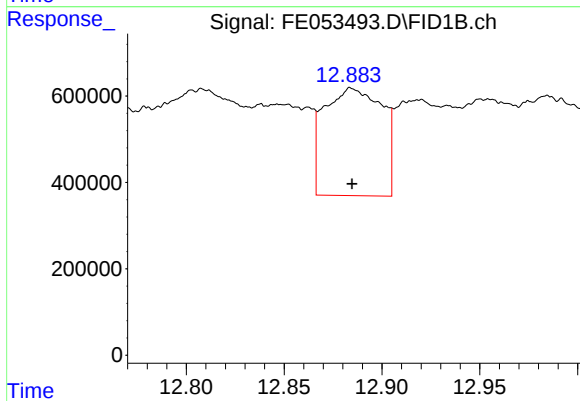
#8 n-Octadecane (C18)

R.T.: 11.567 min
Delta R.T.: -0.004 min
Response: 437591
Conc: 3.00 ug/ml



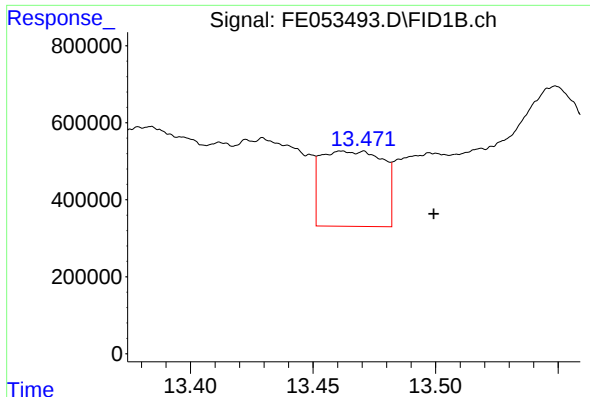
#9 ortho-Terphenyl (SURR)

R.T.: 11.875 min
Delta R.T.: -0.011 min
Response: 8616556
Conc: 47.77 ug/ml



#10 n-Eicosane (C20)

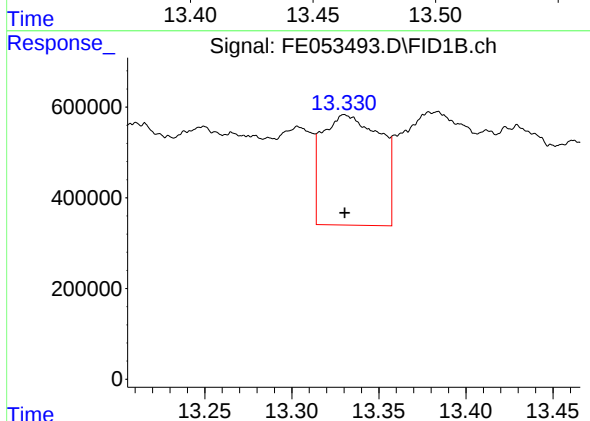
R.T.: 12.885 min
Delta R.T.: 0.000 min
Response: 5147489
Conc: 35.37 ug/ml



#11 n-Heneicosane (C21)

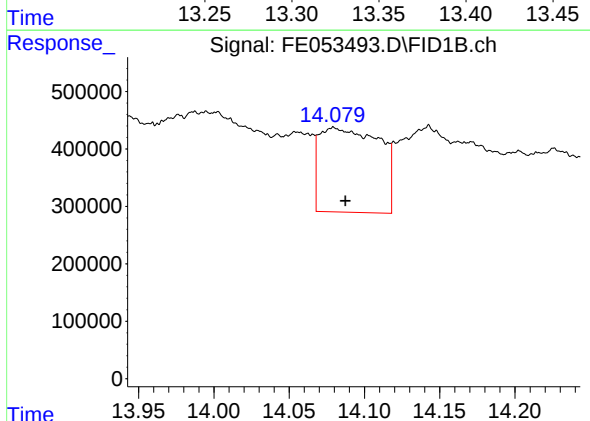
R.T.: 13.463 min
Delta R.T.: -0.037 min
Response: 3452689
Conc: 23.84 ug/ml

Instrument :
FID_E
ClientSampleId :
PAD-42125DL



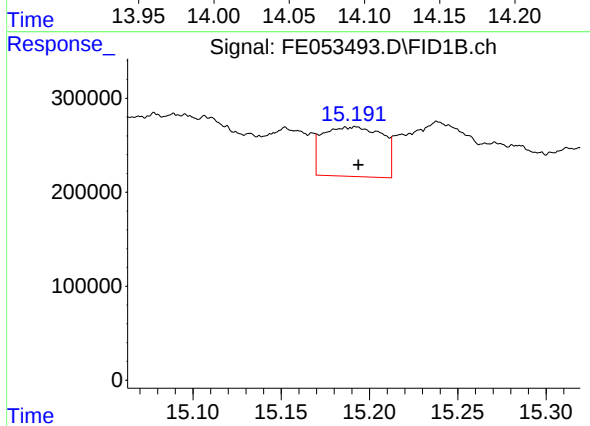
#12 1-chlorooctadecane (SURR)

R.T.: 13.331 min
Delta R.T.: 0.001 min
Response: 5656146
Conc: 41.84 ug/ml



#13 n-Docosane (C22)

R.T.: 14.080 min
Delta R.T.: -0.008 min
Response: 4080452
Conc: 28.28 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.191 min
Delta R.T.: -0.003 min
Response: 1242910
Conc: 8.65 ug/ml