

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122723AL\
 Data File : FE045992.D
 Signal(s) : FID1B.ch
 Acq On : 27 Dec 2023 20:07
 Operator : YP\AJ
 Sample : 06027-08
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 28 00:20:11 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 113023.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 30 12:25:07 2023
 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)	11.846	17072565	81.641 ug/ml
Spiked Amount 50.000		Recovery =	163.28%
12) S 1-chlorooctadecane (S...	13.293	16218686	103.077 ug/ml
Spiked Amount 50.000		Recovery =	206.15%
Target Compounds			
7) T n-Hexadecane (C16)	10.082	36516	0.221 ug/ml
8) T n-Octadecane (C18)	11.549	1074259	6.266 ug/ml
10) T n-Eicosane (C20)	12.846	5326197	30.783 ug/ml
11) T n-Heneicosane (C21)	13.465	4747236	27.595 ug/ml
13) T n-Docosane (C22)	14.071	966374	5.605 ug/ml
14) T n-Tetracosane (C24)	15.146	2422041	13.874 ug/ml
15) T n-Hexacosane (C26)	16.174	591948	3.399 ug/ml
16) T n-Octacosane (C28)	17.127	155369	0.899 ug/ml
18) T n-Dotriacontane (C32)	18.843	79271	0.435 ug/ml

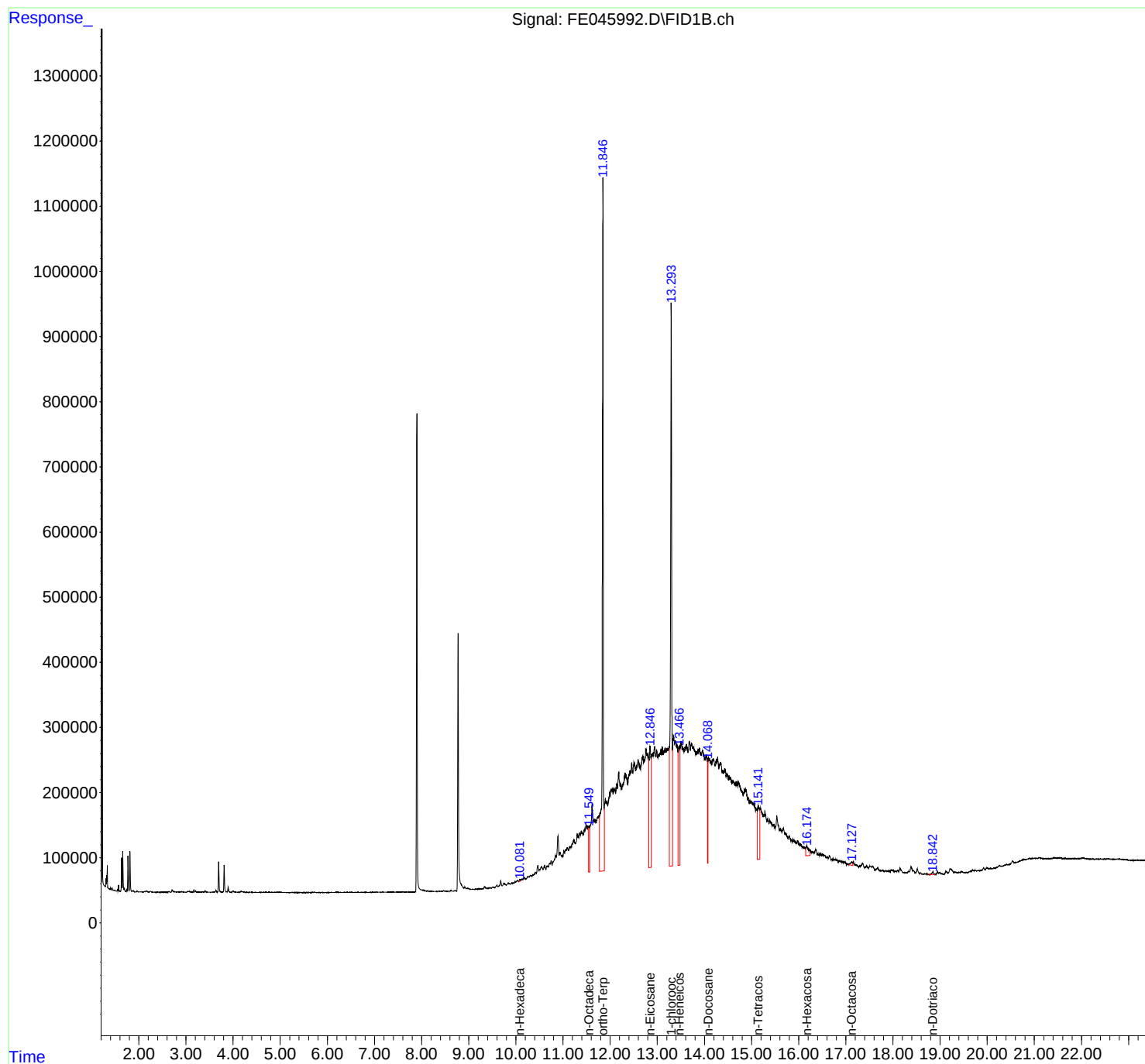
(f)=RT Delta > 1/2 Window

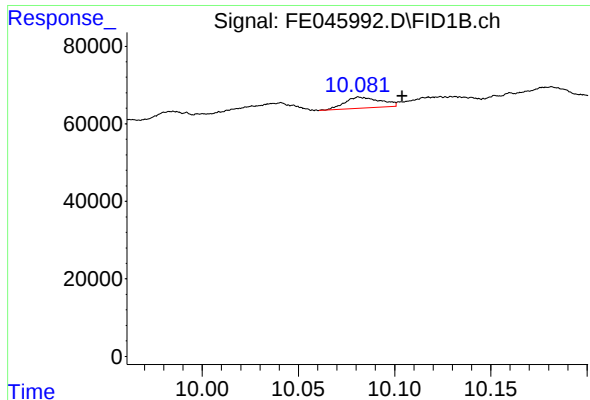
(m)=manual int.

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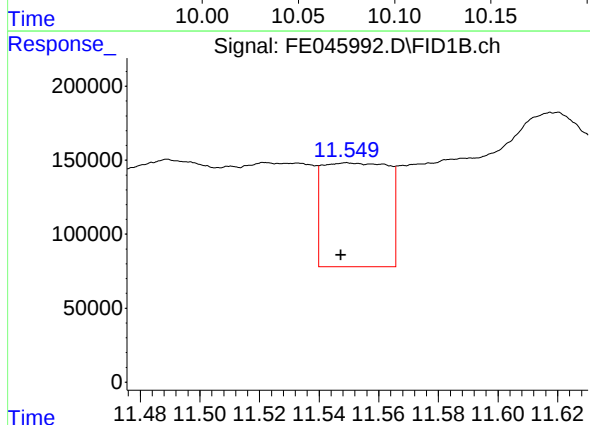
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





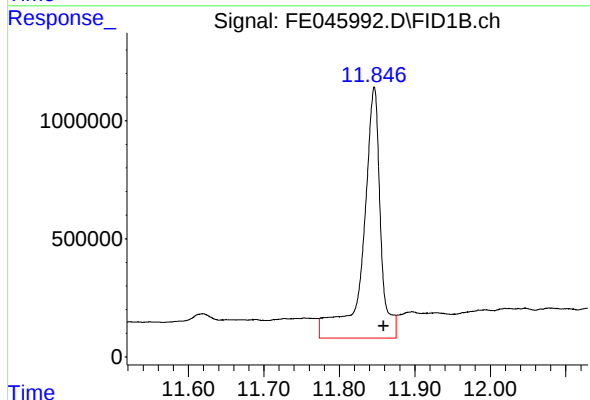
#7 n-Hexadecane (C16)

R.T.: 10.082 min
Delta R.T.: -0.022 min
Response: 36516
Conc: 0.22 ug/ml



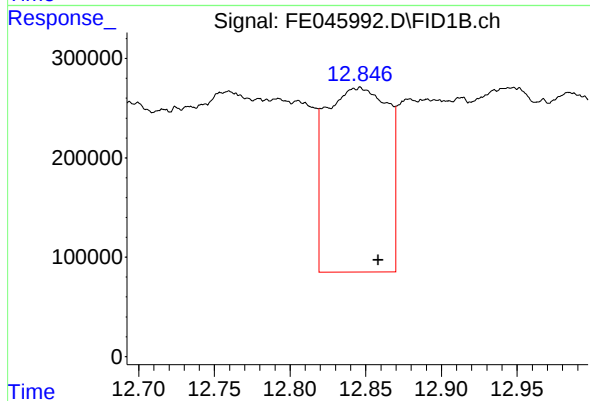
#8 n-Octadecane (C18)

R.T.: 11.549 min
Delta R.T.: 0.002 min
Response: 1074259
Conc: 6.27 ug/ml



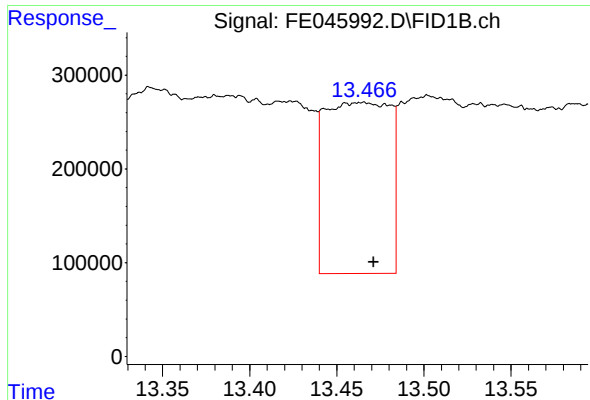
#9 ortho-Terphenyl (SURR)

R.T.: 11.846 min
Delta R.T.: -0.013 min
Response: 17072565
Conc: 81.64 ug/ml



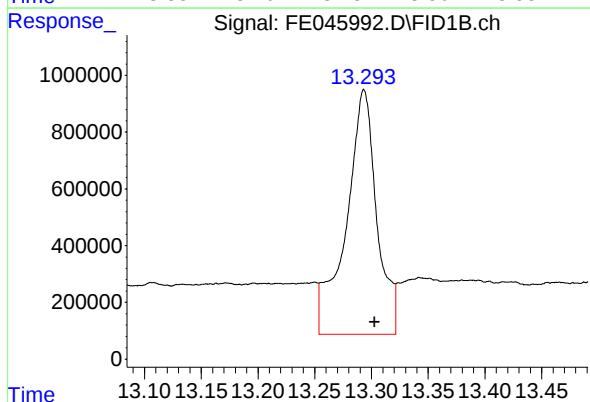
#10 n-Eicosane (C20)

R.T.: 12.846 min
Delta R.T.: -0.012 min
Response: 5326197
Conc: 30.78 ug/ml



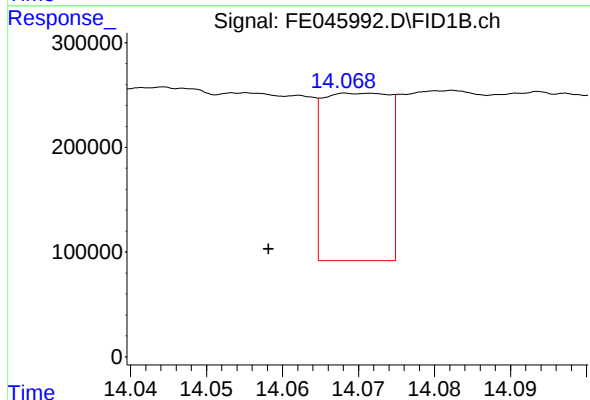
#11 n-Heneicosane (C21)

R.T.: 13.465 min
Delta R.T.: -0.006 min
Response: 4747236
Conc: 27.60 ug/ml



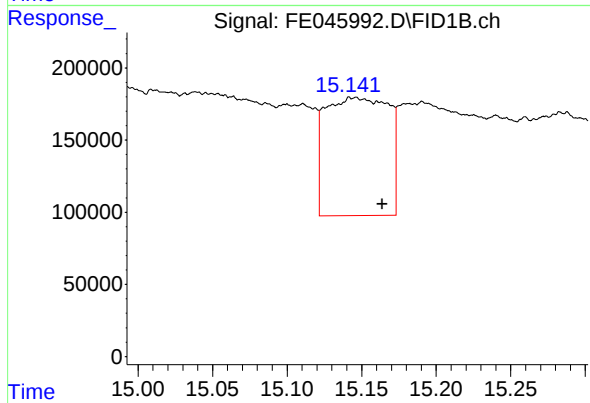
#12 1-chlorooctadecane (SURR)

R.T.: 13.293 min
Delta R.T.: -0.009 min
Response: 16218686
Conc: 103.08 ug/ml



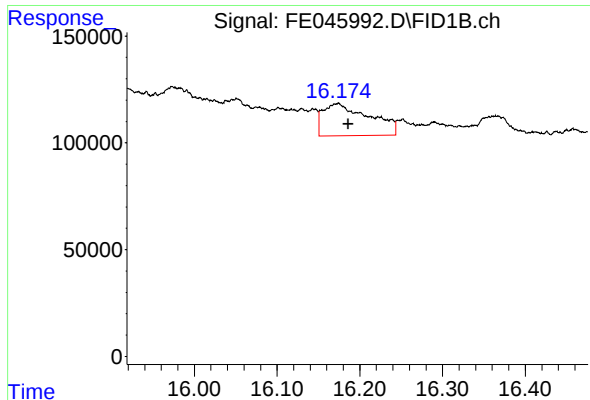
#13 n-Docosane (C22)

R.T.: 14.071 min
Delta R.T.: 0.012 min
Response: 966374
Conc: 5.60 ug/ml



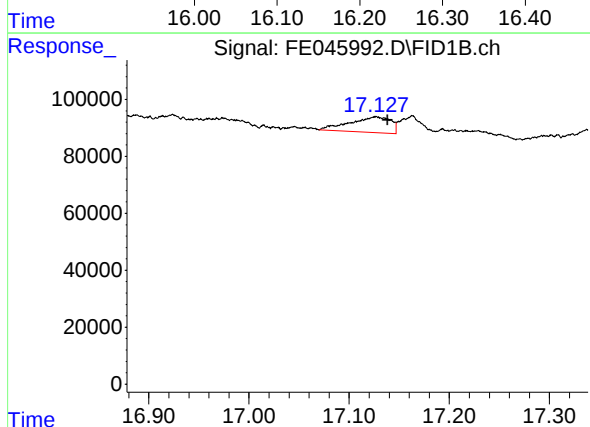
#14 n-Tetracosane (C24)

R.T.: 15.146 min
Delta R.T.: -0.018 min
Response: 2422041
Conc: 13.87 ug/ml



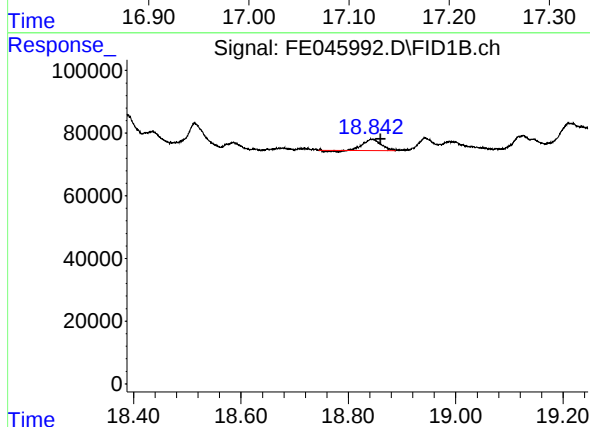
#15 n-Hexacosane (C26)

R.T.: 16.174 min
Delta R.T.: -0.012 min
Response: 591948
Conc: 3.40 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.127 min
Delta R.T.: -0.012 min
Response: 155369
Conc: 0.90 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.843 min
Delta R.T.: -0.017 min
Response: 79271
Conc: 0.43 ug/ml