

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121121AL\
 Data File : FD039811.D
 Signal(s) : FID2B.CH
 Acq On : 11 Dec 2021 16:19
 Operator : AJ\MA
 Sample : M5017-22
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 12 03:29:41 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 120921.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 10 11:55:55 2021
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.469	4393238	31.830 ug/ml
Spiked Amount 50.000		Recovery =	63.66%
12) S 1-chlorooctadecane (S...	12.899	3511441	32.667 ug/ml
Spiked Amount 50.000		Recovery =	65.33%
Target Compounds			
4) T n-Dodecane (C12)	6.337	66900	0.556 ug/ml
6) T n-Tetradecane (C14)	8.123	202013	1.667 ug/ml
7) T n-Hexadecane (C16)	9.716	200149	1.636 ug/ml
8) T n-Octadecane (C18)	11.152	170896	1.338 ug/ml
10) T n-Eicosane (C20)	12.455	101420	0.790 ug/ml
11) T n-Heneicosane (C21)	13.064	69967	0.534 ug/ml
13) T n-Docosane (C22)	13.648	37984	0.290 ug/ml
14) T n-Tetracosane (C24)	14.744	57542	0.430 ug/ml
16) T n-Octacosane (C28)	16.755	772626	5.960 ug/ml
18) T n-Dotriacontane (C32)	18.416	97246	0.847 ug/ml
19) T n-Tetratriacontane (C34)	19.202	52834	0.496 ug/ml

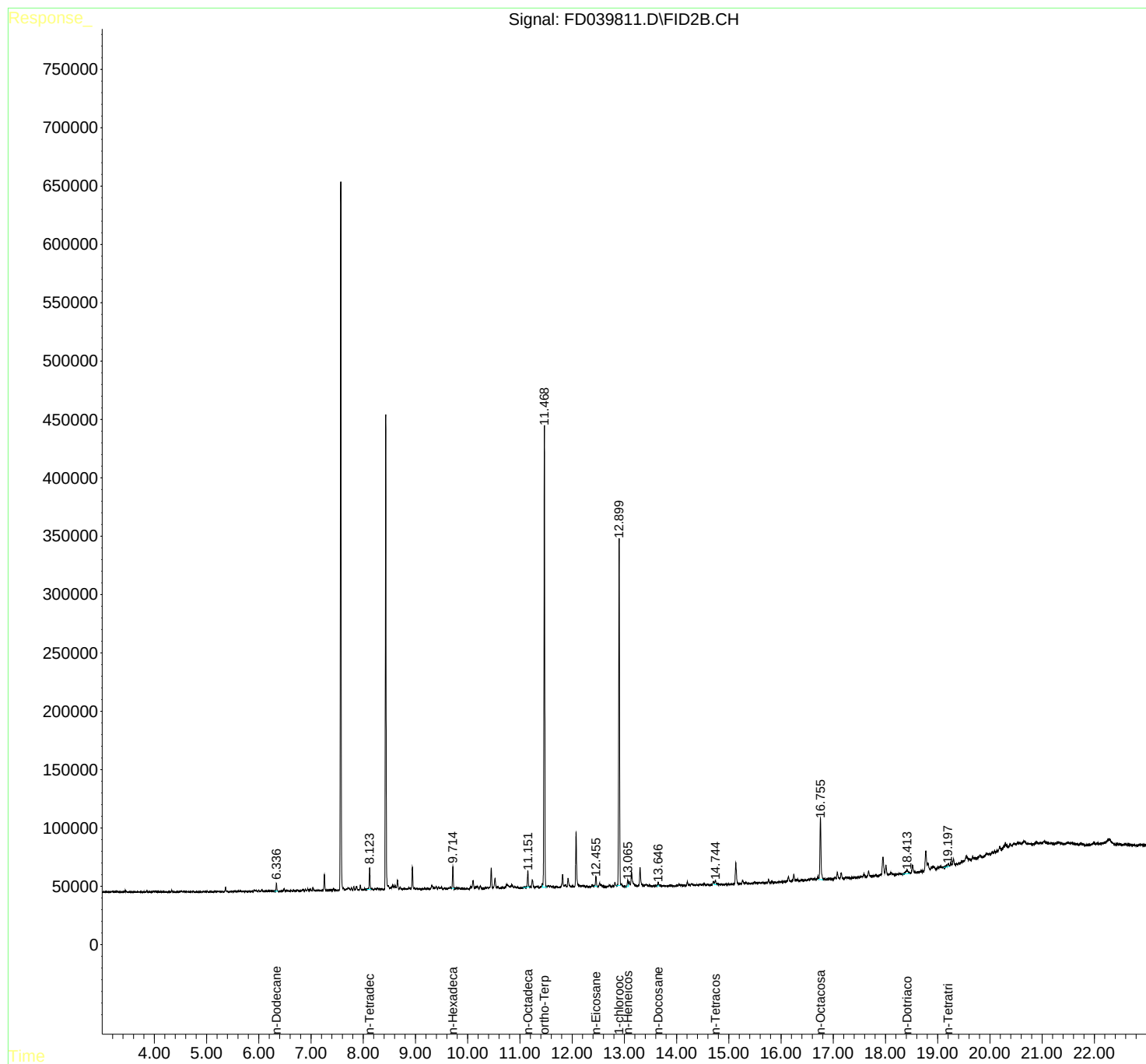
(f)=RT Delta > 1/2 Window

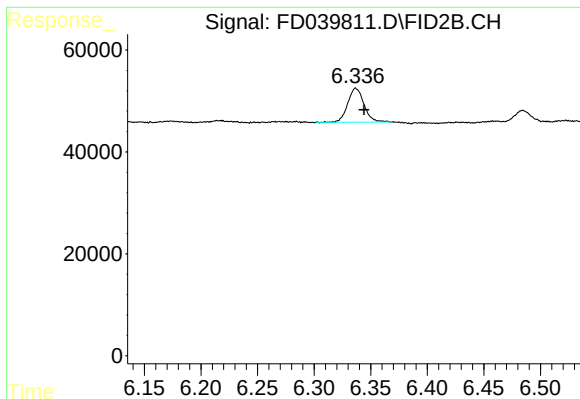
(m)=manual int.

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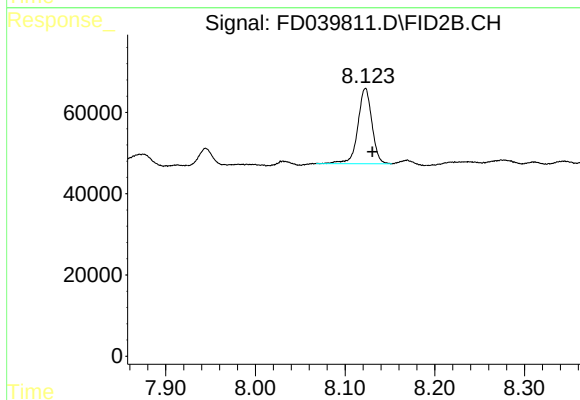
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





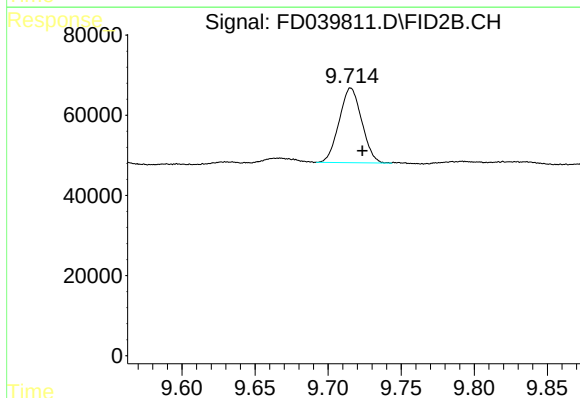
#4 n-Dodecane (C12)

R.T.: 6.337 min
Delta R.T.: -0.007 min
Response: 66900
Conc: 0.56 ug/ml



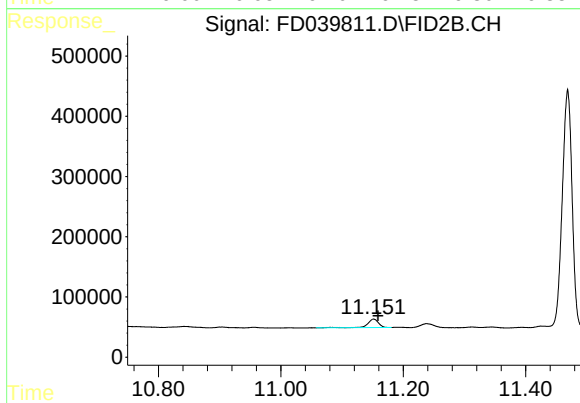
#6 n-Tetradecane (C14)

R.T.: 8.123 min
Delta R.T.: -0.008 min
Response: 202013
Conc: 1.67 ug/ml



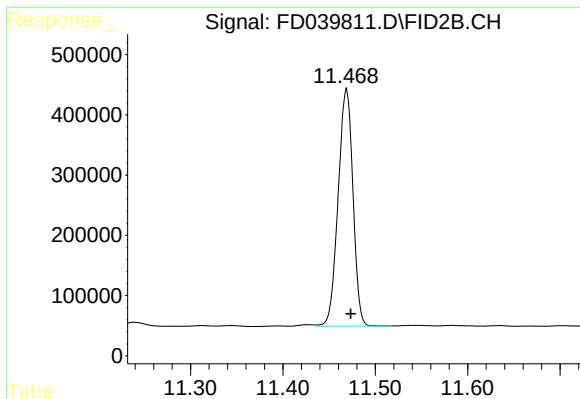
#7 n-Hexadecane (C16)

R.T.: 9.716 min
Delta R.T.: -0.008 min
Response: 200149
Conc: 1.64 ug/ml



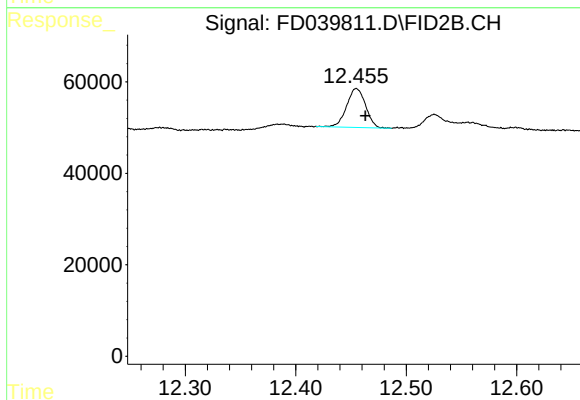
#8 n-Octadecane (C18)

R.T.: 11.152 min
Delta R.T.: -0.007 min
Response: 170896
Conc: 1.34 ug/ml



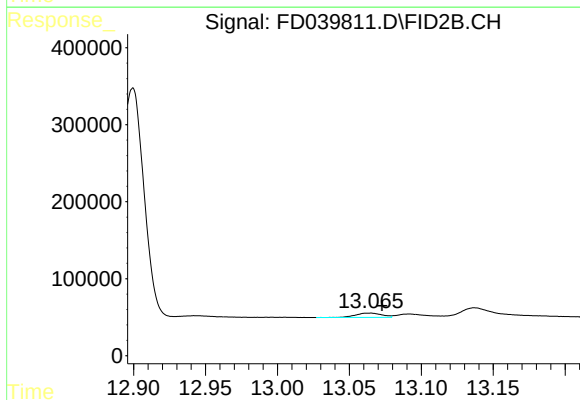
#9 ortho-Terphenyl (SURR)

R.T.: 11.469 min
Delta R.T.: -0.005 min
Response: 4393238
Conc: 31.83 ug/ml



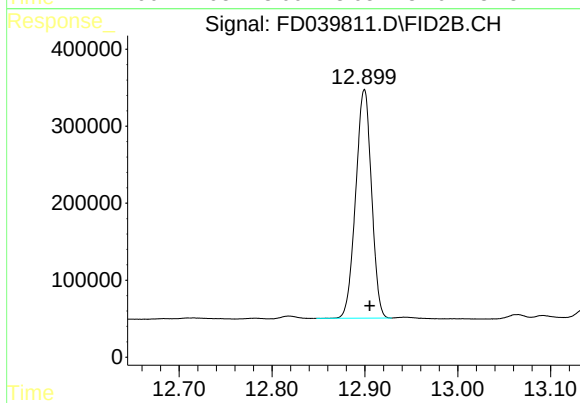
#10 n-Eicosane (C20)

R.T.: 12.455 min
Delta R.T.: -0.008 min
Response: 101420
Conc: 0.79 ug/ml



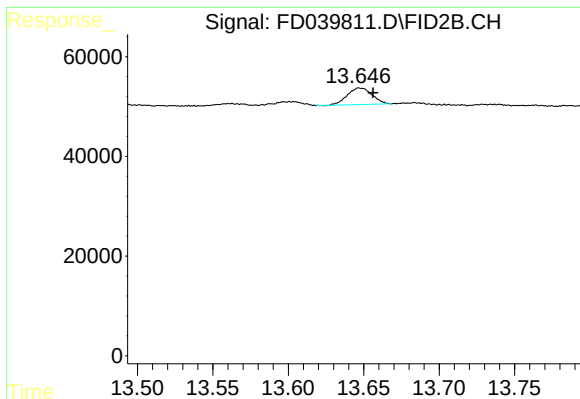
#11 n-Heneicosane (C21)

R.T.: 13.064 min
Delta R.T.: -0.008 min
Response: 69967
Conc: 0.53 ug/ml



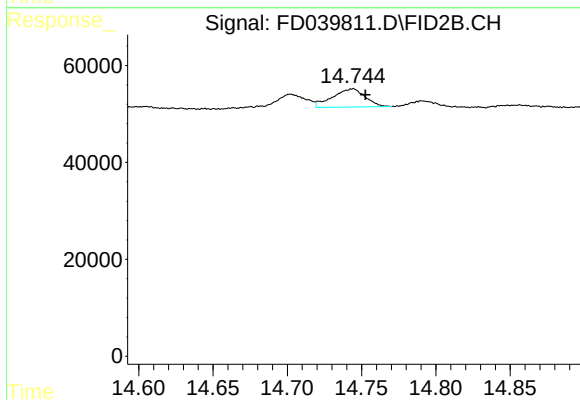
#12 1-chlorooctadecane (SURR)

R.T.: 12.899 min
Delta R.T.: -0.006 min
Response: 3511441
Conc: 32.67 ug/ml



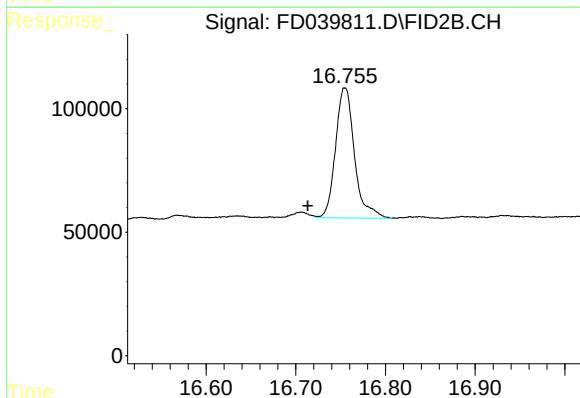
#13 n-Docosane (C22)

R.T.: 13.648 min
Delta R.T.: -0.009 min
Response: 37984
Conc: 0.29 ug/ml



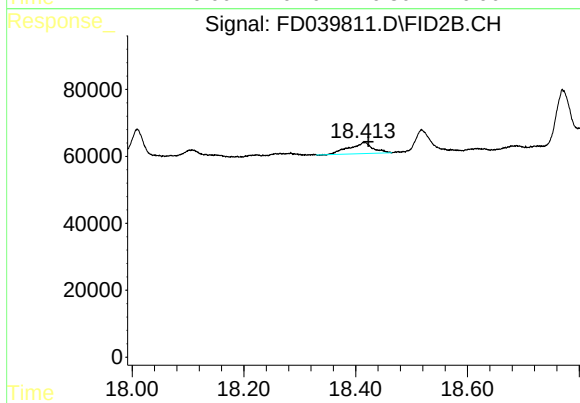
#14 n-Tetracosane (C24)

R.T.: 14.744 min
Delta R.T.: -0.008 min
Response: 57542
Conc: 0.43 ug/ml



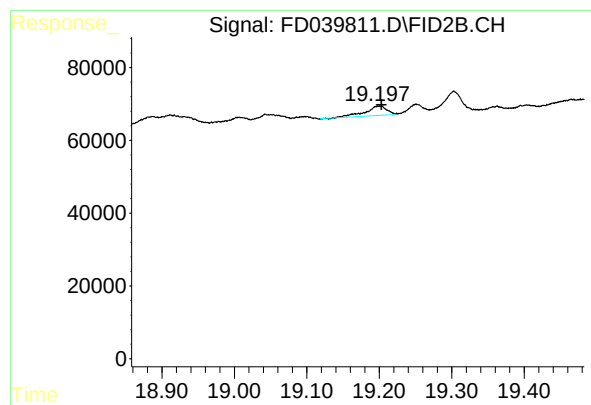
#16 n-Octacosane (C28)

R.T.: 16.755 min
Delta R.T.: 0.041 min
Response: 772626
Conc: 5.96 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.416 min
Delta R.T.: -0.007 min
Response: 97246
Conc: 0.85 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.202 min
Delta R.T.: -0.001 min
Response: 52834
Conc: 0.50 ug/ml