

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121221AL\
 Data File : FD039873.D
 Signal(s) : FID2B.CH
 Acq On : 13 Dec 2021 9:17
 Operator : AJ\MA
 Sample : M5018-42
 Misc :
 ALS Vial : 81 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 13 12:31:40 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)	11.454	5705343	41.336 ug/ml
Spiked Amount 50.000		Recovery =	82.67%
12) S 1-chlorooctadecane (S...	12.884	4613570	42.920 ug/ml
Spiked Amount 50.000		Recovery =	85.84%
Target Compounds			
6) T n-Tetradecane (C14)	8.088	416777	3.439 ug/ml
7) T n-Hexadecane (C16)	9.735	59826	0.489 ug/ml
8) T n-Octadecane (C18)	11.170	52795	0.413 ug/ml
10) T n-Eicosane (C20)	12.503	145751	1.135 ug/ml
11) T n-Heneicosane (C21)	13.074	180456	1.377 ug/ml
14) T n-Tetracosane (C24)	14.715	111531	0.834 ug/ml
15) T n-Hexacosane (C26)	15.805	88421	0.673 ug/ml
16) T n-Octacosane (C28)	16.737	426453	3.290 ug/ml
17) T n-Tricontane (C30)	17.571	124789	1.007 ug/ml
18) T n-Dotriacontane (C32)	18.467	98301	0.857 ug/ml
19) T n-Tetratriacontane (C34)	19.180	71140	0.667 ug/ml

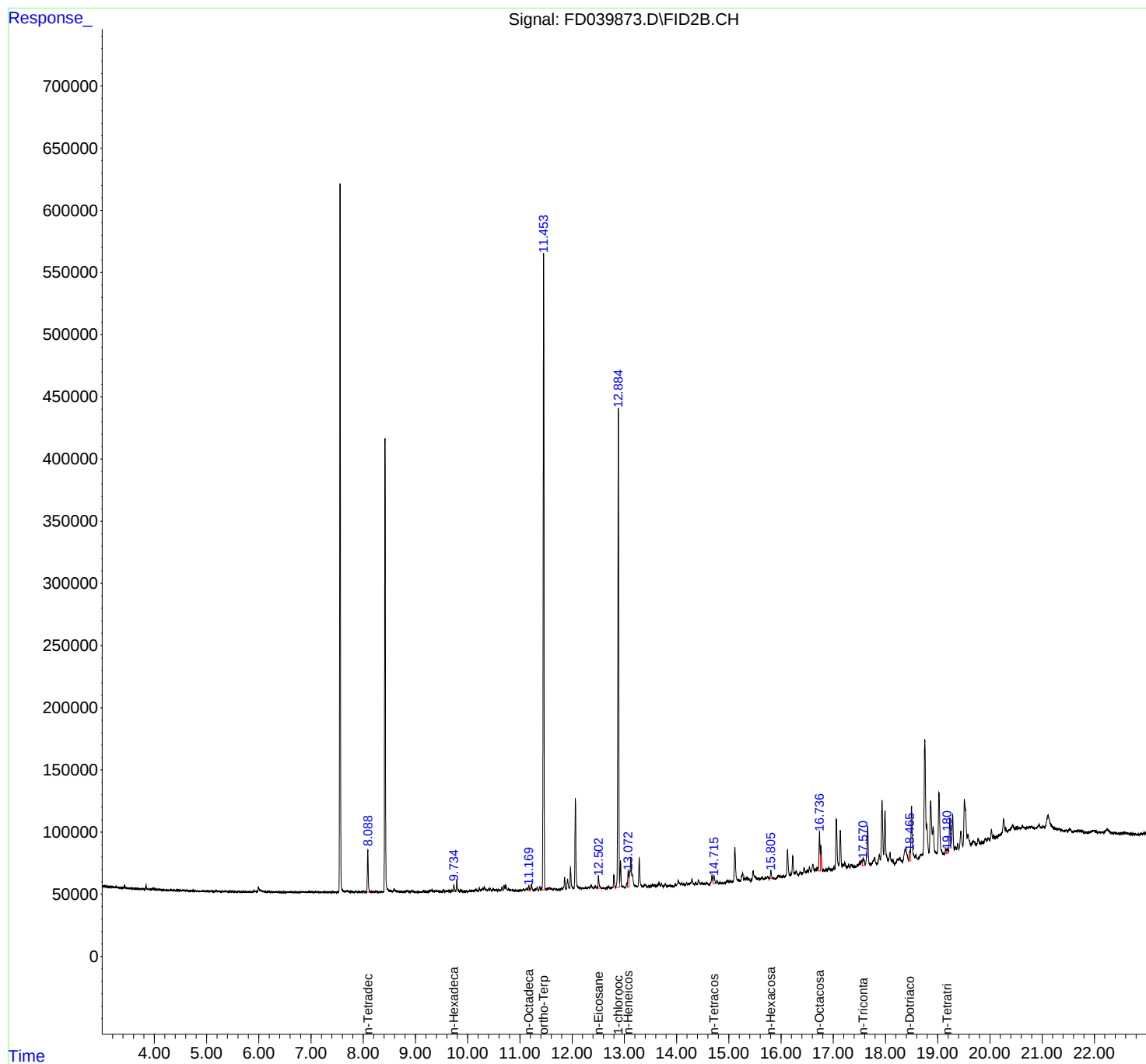
(f)=RT Delta > 1/2 Window

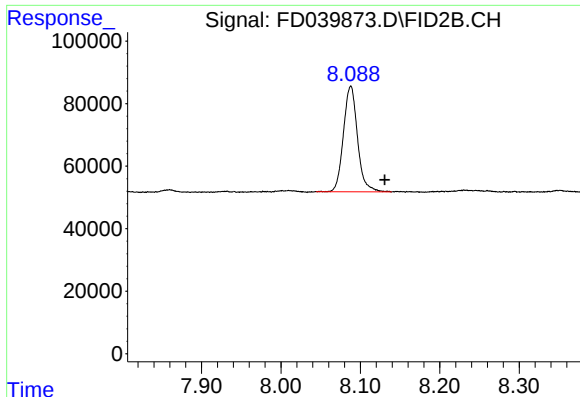
(m)=manual int.

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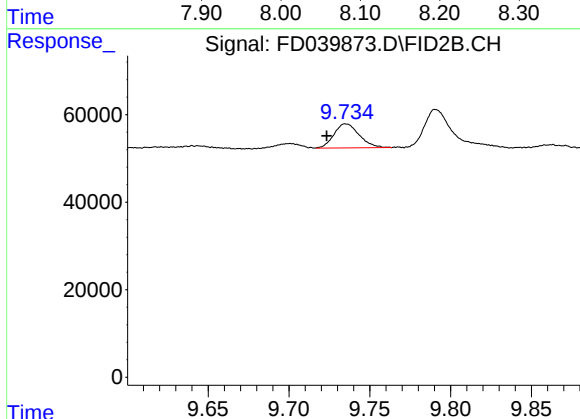
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Signal Info : 20M x 0.18mm x 0.18um





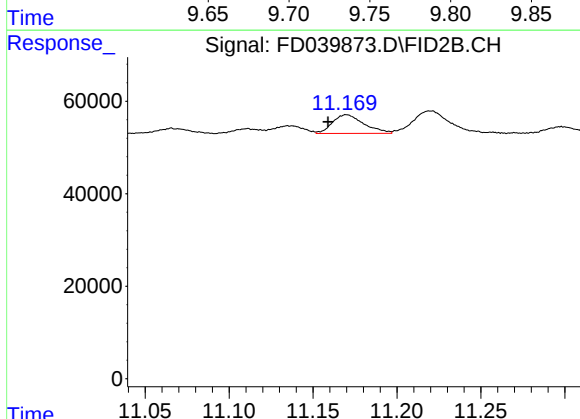
#6 n-Tetradecane (C14)

R.T.: 8.088 min
Delta R.T.: -0.043 min
Response: 416777
Conc: 3.44 ug/ml



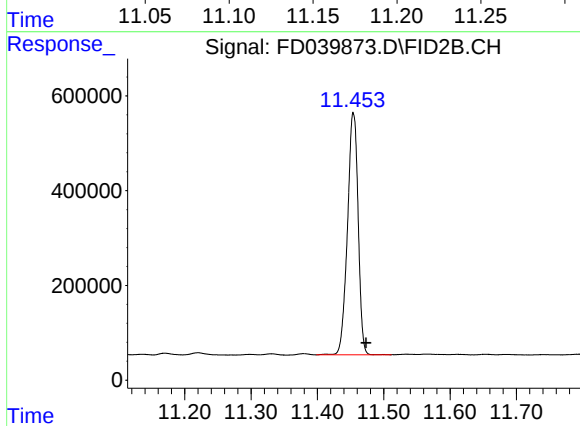
#7 n-Hexadecane (C16)

R.T.: 9.735 min
Delta R.T.: 0.012 min
Response: 59826
Conc: 0.49 ug/ml



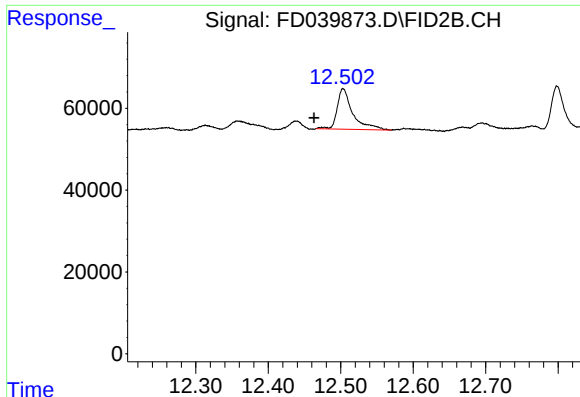
#8 n-Octadecane (C18)

R.T.: 11.170 min
Delta R.T.: 0.011 min
Response: 52795
Conc: 0.41 ug/ml



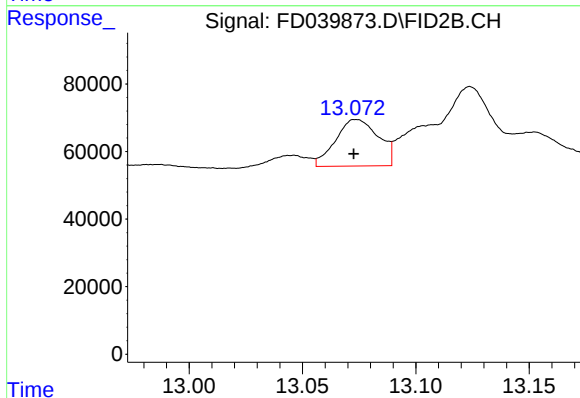
#9 ortho-Terphenyl (SURR)

R.T.: 11.454 min
Delta R.T.: -0.019 min
Response: 5705343
Conc: 41.34 ug/ml



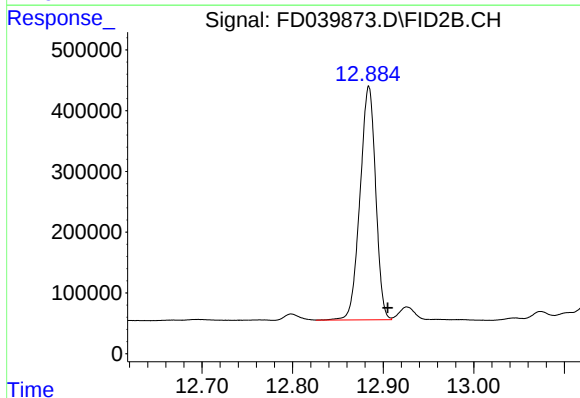
#10 n-Eicosane (C20)

R.T.: 12.503 min
Delta R.T.: 0.040 min
Response: 145751
Conc: 1.14 ug/ml



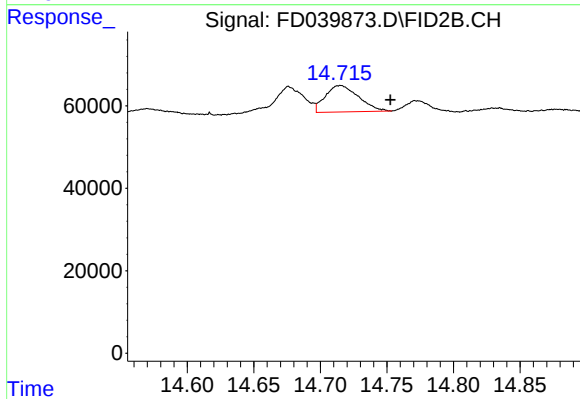
#11 n-Heneicosane (C21)

R.T.: 13.074 min
Delta R.T.: 0.001 min
Response: 180456
Conc: 1.38 ug/ml



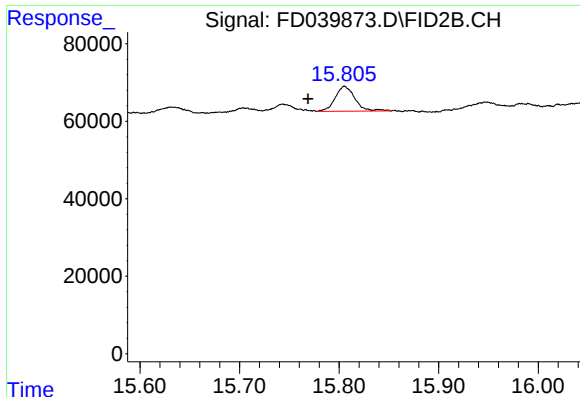
#12 1-chlorooctadecane (SURR)

R.T.: 12.884 min
Delta R.T.: -0.021 min
Response: 4613570
Conc: 42.92 ug/ml



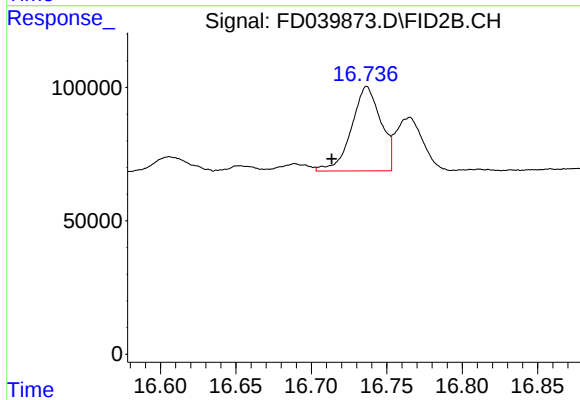
#14 n-Tetracosane (C24)

R.T.: 14.715 min
Delta R.T.: -0.038 min
Response: 111531
Conc: 0.83 ug/ml



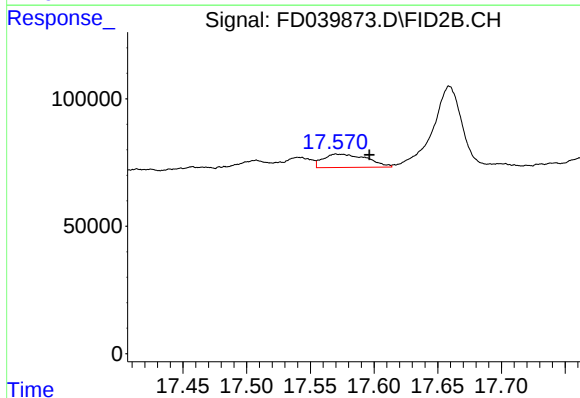
#15 n-Hexacosane (C26)

R.T.: 15.805 min
Delta R.T.: 0.037 min
Response: 88421
Conc: 0.67 ug/ml



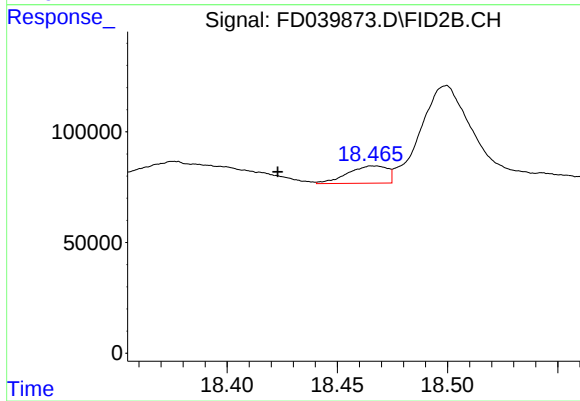
#16 n-Octacosane (C28)

R.T.: 16.737 min
Delta R.T.: 0.023 min
Response: 426453
Conc: 3.29 ug/ml



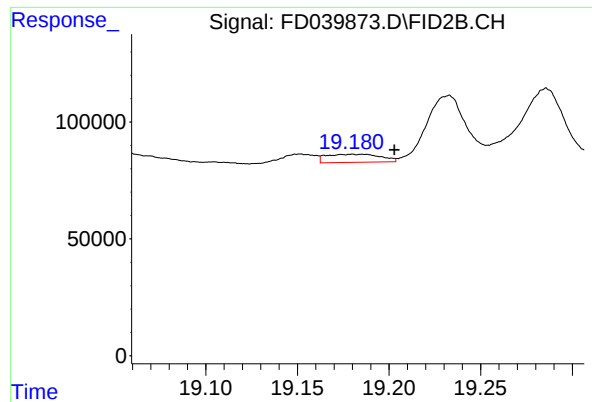
#17 n-Tricontane (C30)

R.T.: 17.571 min
Delta R.T.: -0.026 min
Response: 124789
Conc: 1.01 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.467 min
Delta R.T.: 0.044 min
Response: 98301
Conc: 0.86 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.180 min
Delta R.T.: -0.023 min
Response: 71140
Conc: 0.67 ug/ml