

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122221AL\
 Data File : FC057673.D
 Signal(s) : FID1A.CH
 Acq On : 23 Dec 2021 5:43
 Operator : AJ\MA
 Sample : M5190-04
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 23 06:22:55 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 122221.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 23 02:07:36 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)	10.812	6286481	41.208 ug/ml
Spiked Amount 50.000		Recovery =	82.42%
12) S 1-chlorooctadecane (S...	12.252	3973197	32.746 ug/ml
Spiked Amount 50.000		Recovery =	65.49%
Target Compounds			
6) T n-Tetradecane (C14)	7.453	104397	0.759 ug/ml
7) T n-Hexadecane (C16)	9.054	347678	2.502 ug/ml
8) T n-Octadecane (C18)	10.496	950920	6.627 ug/ml
10) T n-Eicosane (C20)	11.805	359371	2.515 ug/ml
14) T n-Tetracosane (C24)	14.052	1030300	7.167 ug/ml
15) T n-Hexacosane (C26)	15.128	105978	0.761 ug/ml
17) T n-Tricontane (C30)	16.879f	118568	0.889 ug/ml
18) T n-Dotriacontane (C32)	17.792	104411	0.796 ug/ml
20) T n-Hexatriacontane (C36)	19.295	403559	3.446 ug/ml
21) T n-Octatriacontane (C38)	20.043	356851	3.204 ug/ml

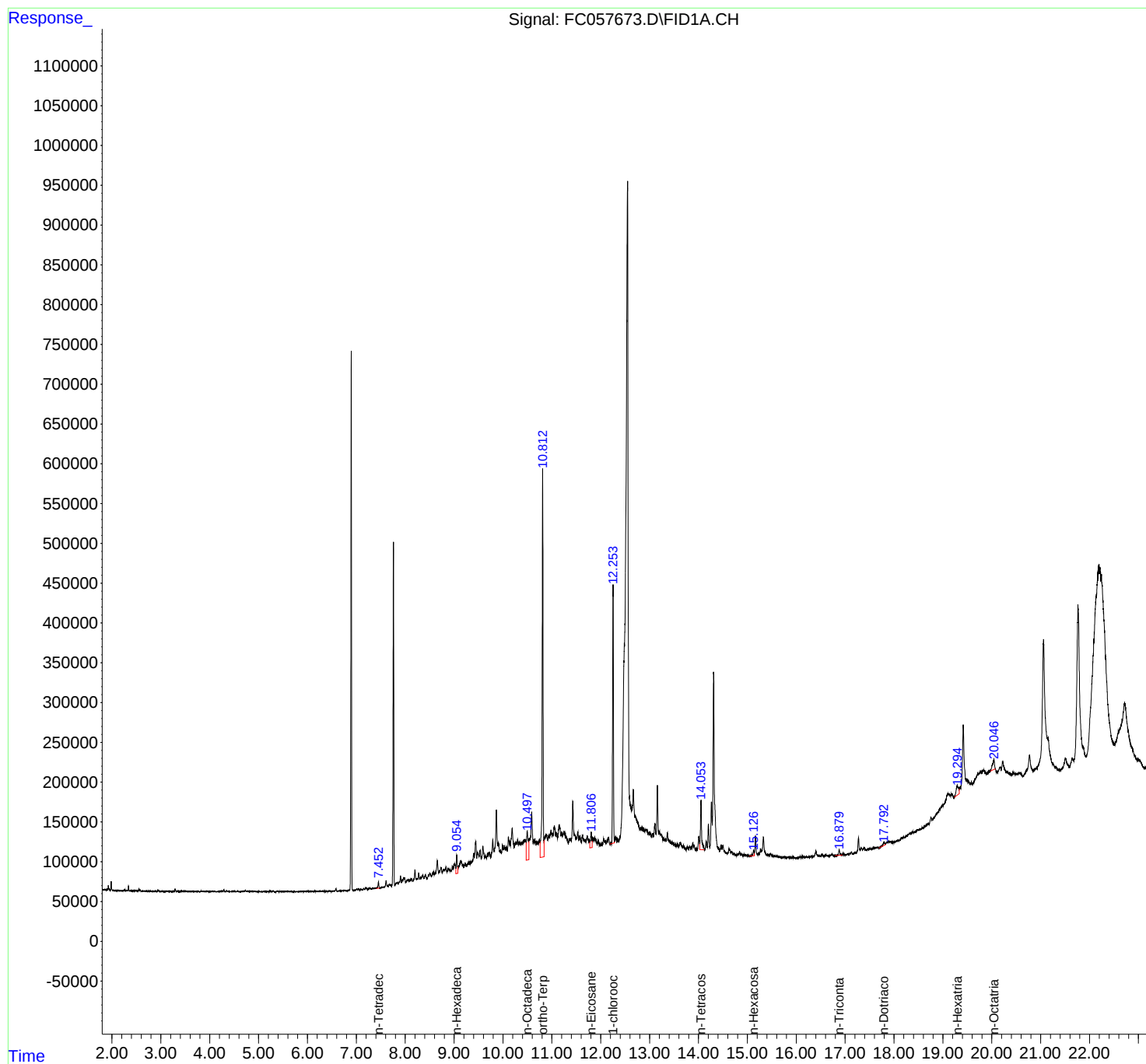
(f)=RT Delta > 1/2 Window

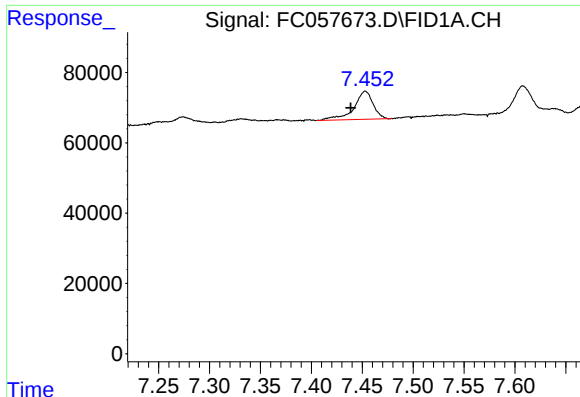
(m)=manual int.

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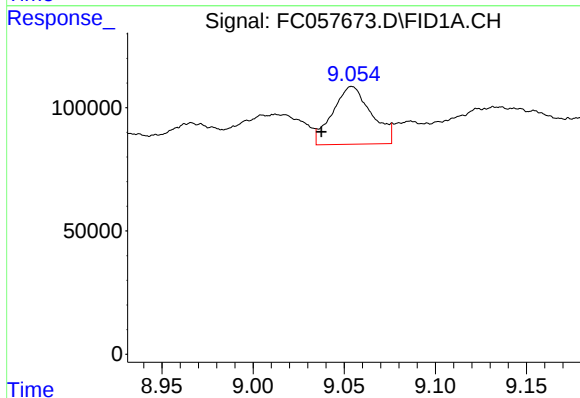
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





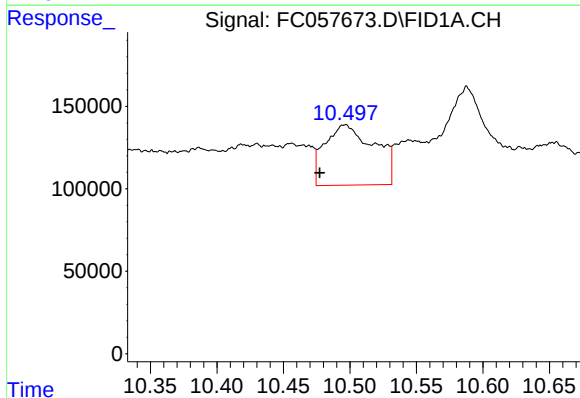
#6 n-Tetradecane (C14)

R.T.: 7.453 min
Delta R.T.: 0.014 min
Response: 104397
Conc: 0.76 ug/ml



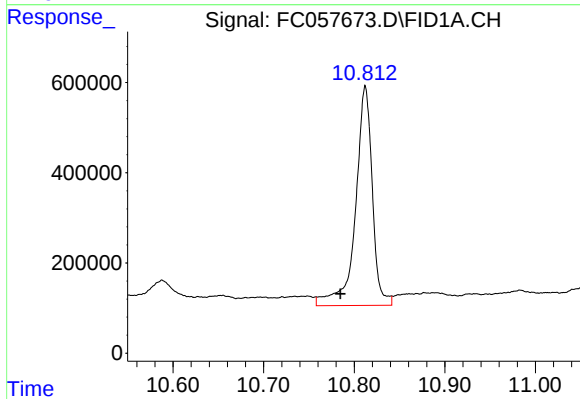
#7 n-Hexadecane (C16)

R.T.: 9.054 min
Delta R.T.: 0.017 min
Response: 347678
Conc: 2.50 ug/ml



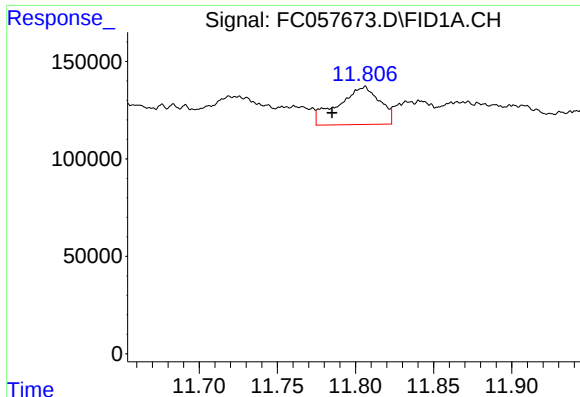
#8 n-Octadecane (C18)

R.T.: 10.496 min
Delta R.T.: 0.019 min
Response: 950920
Conc: 6.63 ug/ml



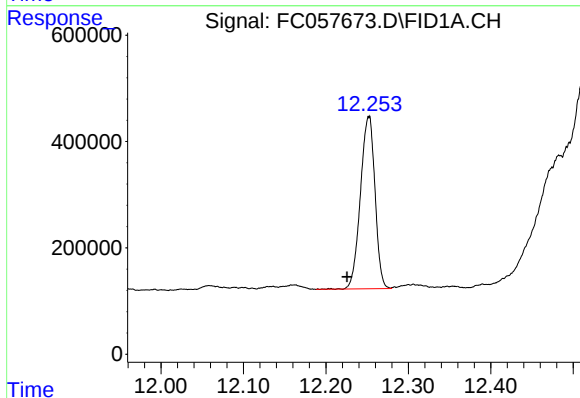
#9 ortho-Terphenyl (SURR)

R.T.: 10.812 min
Delta R.T.: 0.027 min
Response: 6286481
Conc: 41.21 ug/ml



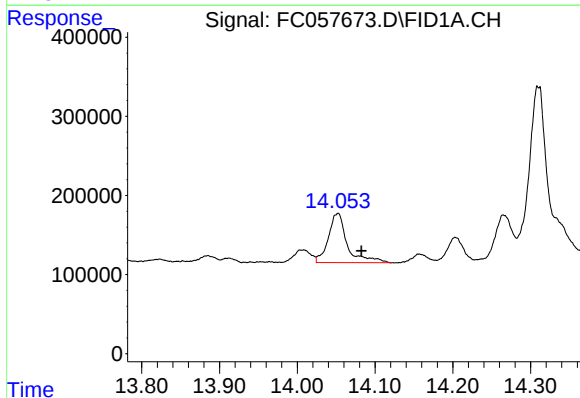
#10 n-Eicosane (C20)

R.T.: 11.805 min
Delta R.T.: 0.020 min
Response: 359371
Conc: 2.51 ug/ml



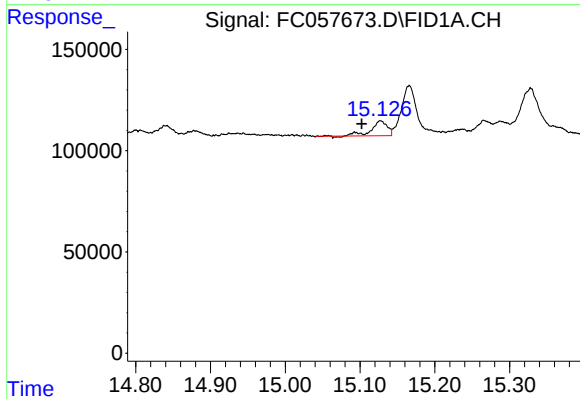
#12 1-chlorooctadecane (SURR)

R.T.: 12.252 min
Delta R.T.: 0.026 min
Response: 3973197
Conc: 32.75 ug/ml



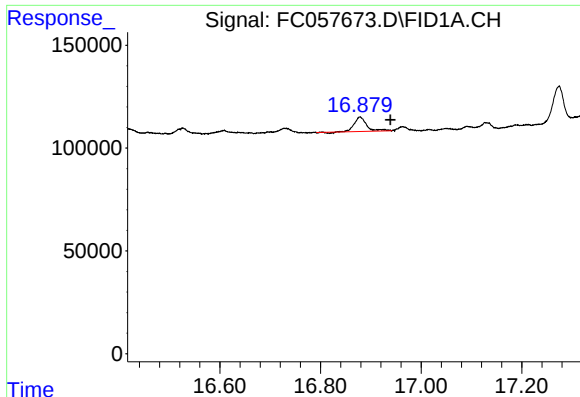
#14 n-Tetracosane (C24)

R.T.: 14.052 min
Delta R.T.: -0.031 min
Response: 1030300
Conc: 7.17 ug/ml



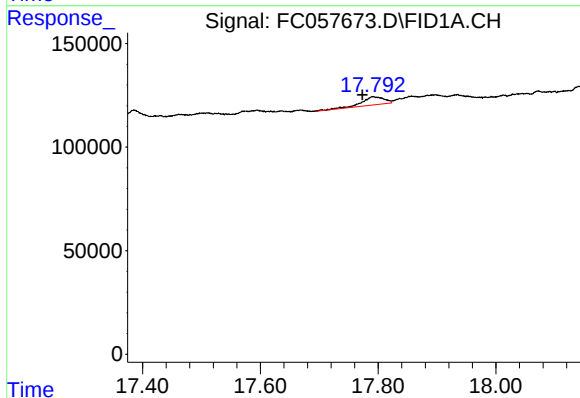
#15 n-Hexacosane (C26)

R.T.: 15.128 min
Delta R.T.: 0.025 min
Response: 105978
Conc: 0.76 ug/ml



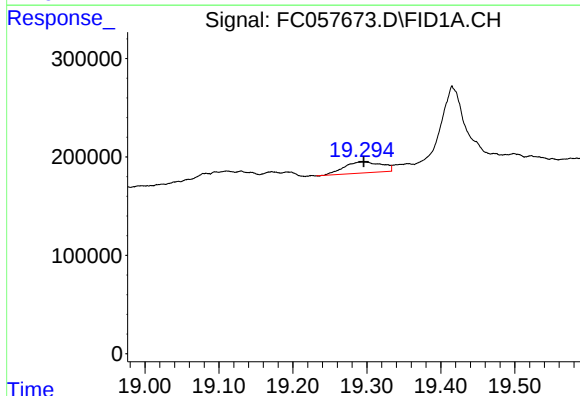
#17 n-Tricontane (C30)

R.T.: 16.879 min
Delta R.T.: -0.060 min
Response: 118568
Conc: 0.89 ug/ml



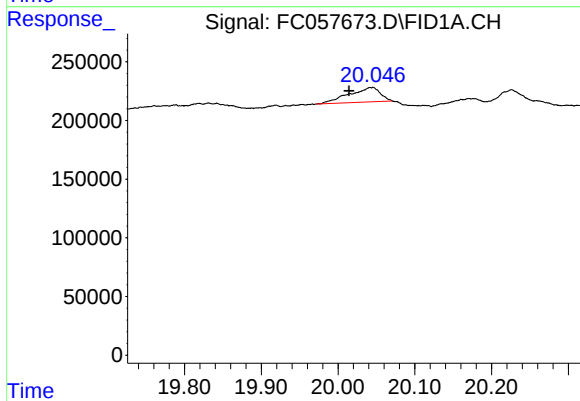
#18 n-Dotriacontane (C32)

R.T.: 17.792 min
Delta R.T.: 0.019 min
Response: 104411
Conc: 0.80 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.295 min
Delta R.T.: 0.000 min
Response: 403559
Conc: 3.45 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.043 min
Delta R.T.: 0.029 min
Response: 356851
Conc: 3.20 ug/ml