

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100421AL\
 Data File : FC055966.D
 Signal(s) : FID1A.CH
 Acq On : 05 Oct 2021 1:01
 Operator : AJ\MA
 Sample : M4042-03
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 05 02:46:29 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092921.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 30 01:25:44 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)	11.657	3507891	29.562 ug/ml
Spiked Amount 50.000		Recovery =	59.12%
12) S 1-chlorooctadecane (S...	13.084	16020789	174.380 ug/ml
Spiked Amount 50.000		Recovery =	348.76%
Target Compounds			
6) T n-Tetradecane (C14)	8.287	444088	4.014 ug/ml
7) T n-Hexadecane (C16)	9.890	592762	5.355 ug/ml
8) T n-Octadecane (C18)	11.331	680001	6.076 ug/ml
10) T n-Eicosane (C20)	12.641	564519	5.168 ug/ml
11) T n-Heneicosane (C21)	13.286	2543469	23.394 ug/ml
13) T n-Docosane (C22)	13.840	275170	2.577 ug/ml
14) T n-Tetracosane (C24)	14.938	741532	7.091 ug/ml
15) T n-Hexacosane (C26)	15.962	177043	1.762 ug/ml
16) T n-Octacosane (C28)	16.912	224724	2.323 ug/ml
17) T n-Tricontane (C30)	17.800	593906	6.401 ug/ml
18) T n-Dotriacontane (C32)	18.631	545014	6.130 ug/ml
19) T n-Tetratriacontane (C34)	19.415	351126	4.060 ug/ml
20) T n-Hexatriacontane (C36)	20.156	240214	2.940 ug/ml

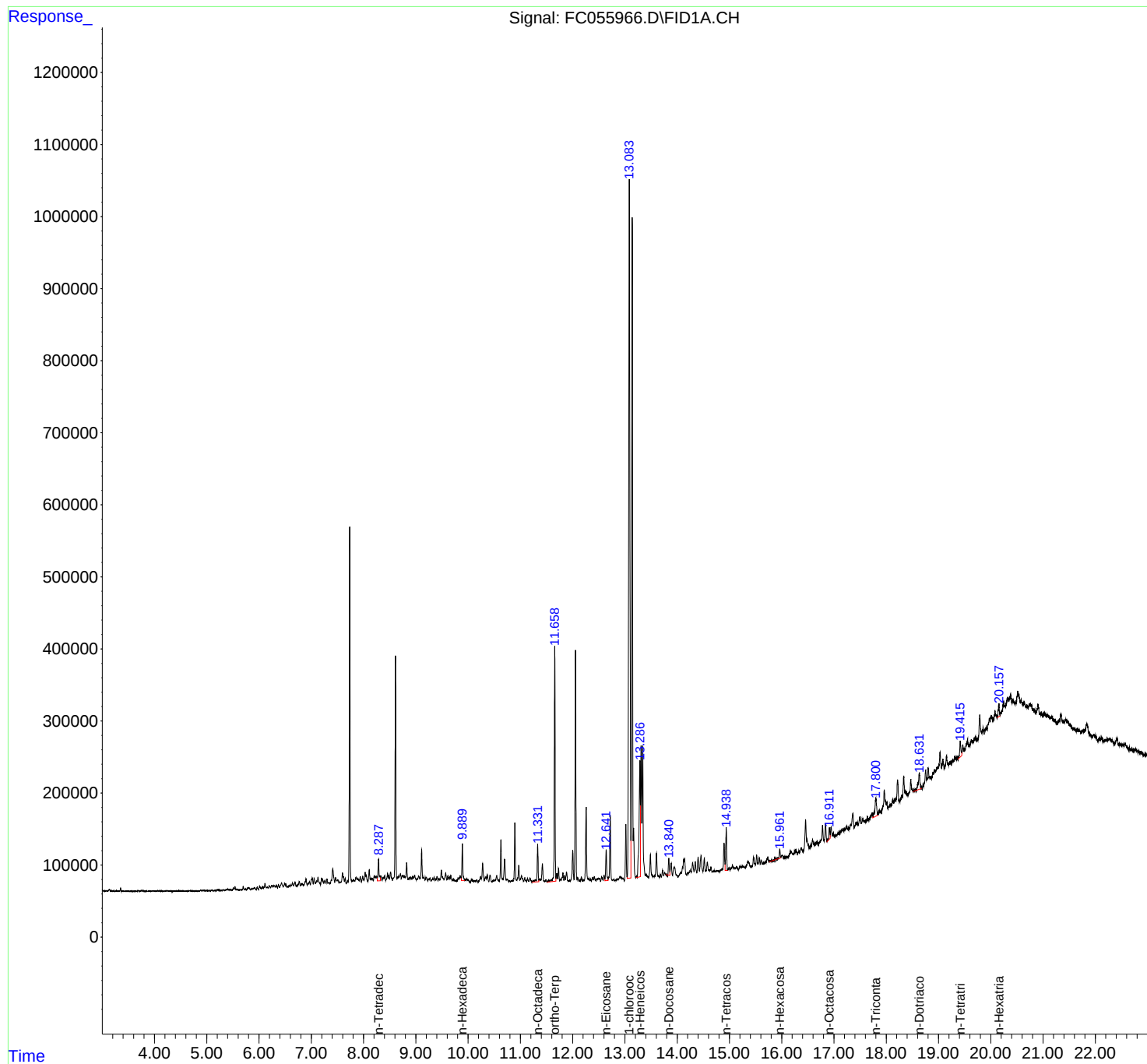
(f)=RT Delta > 1/2 Window

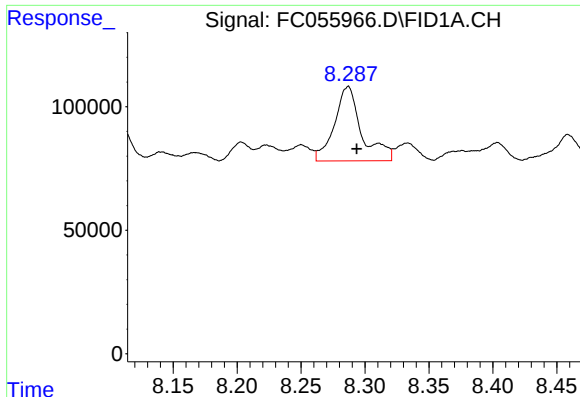
(m)=manual int.

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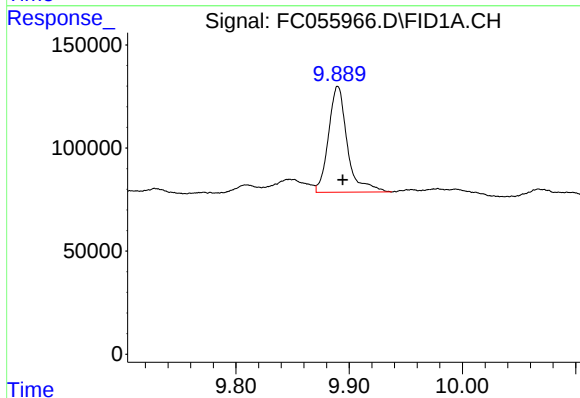
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





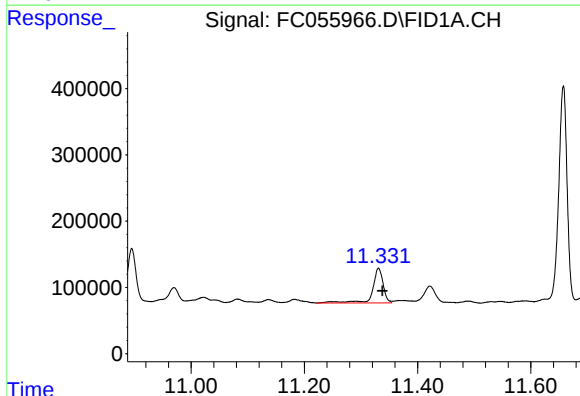
#6 n-Tetradecane (C14)

R.T.: 8.287 min
Delta R.T.: -0.007 min
Response: 444088
Conc: 4.01 ug/ml



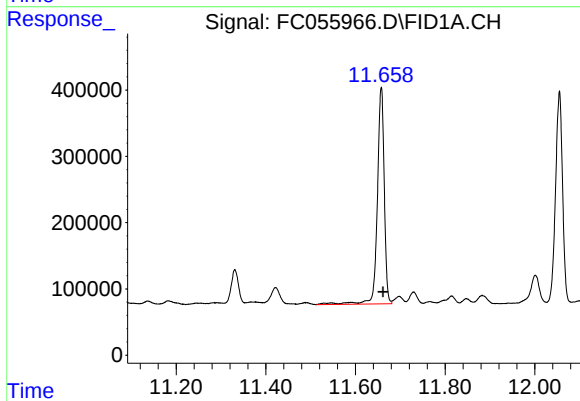
#7 n-Hexadecane (C16)

R.T.: 9.890 min
Delta R.T.: -0.004 min
Response: 592762
Conc: 5.36 ug/ml



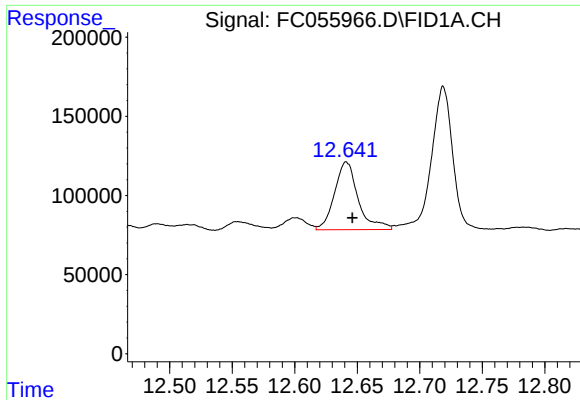
#8 n-Octadecane (C18)

R.T.: 11.331 min
Delta R.T.: -0.007 min
Response: 680001
Conc: 6.08 ug/ml



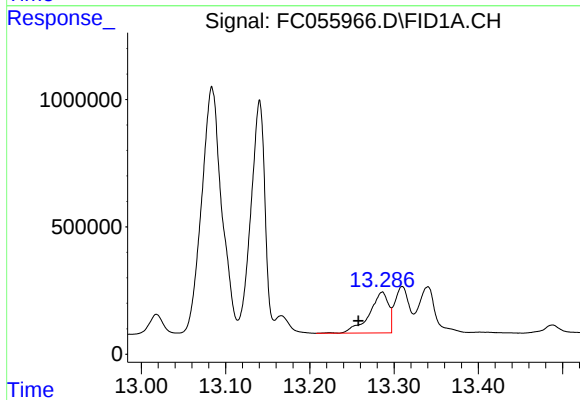
#9 ortho-Terphenyl (SURR)

R.T.: 11.657 min
Delta R.T.: -0.004 min
Response: 3507891
Conc: 29.56 ug/ml



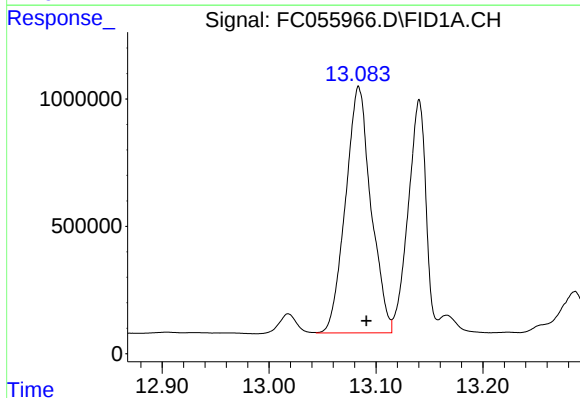
#10 n-Eicosane (C20)

R.T.: 12.641 min
Delta R.T.: -0.005 min
Response: 564519
Conc: 5.17 ug/ml



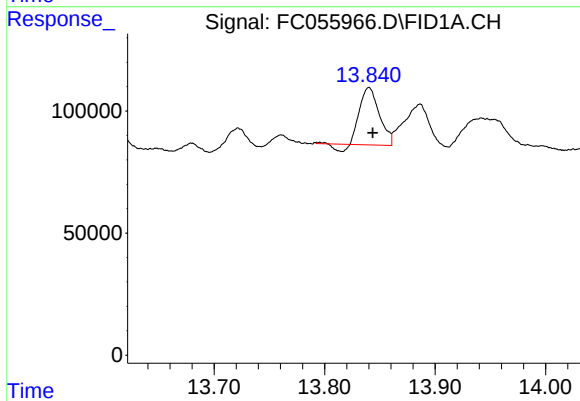
#11 n-Heneicosane (C21)

R.T.: 13.286 min
Delta R.T.: 0.028 min
Response: 2543469
Conc: 23.39 ug/ml



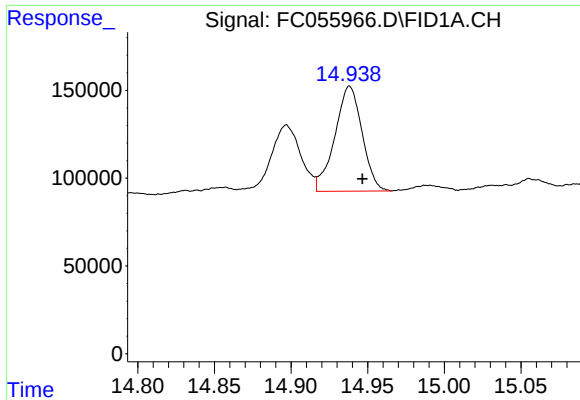
#12 1-chlorooctadecane (SURR)

R.T.: 13.084 min
Delta R.T.: -0.007 min
Response: 16020789
Conc: 174.38 ug/ml



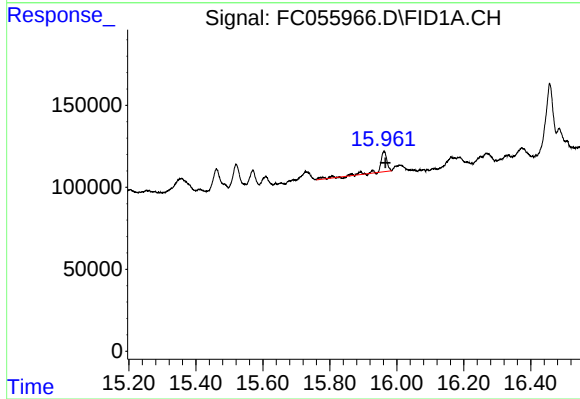
#13 n-Docosane (C22)

R.T.: 13.840 min
Delta R.T.: -0.003 min
Response: 275170
Conc: 2.58 ug/ml



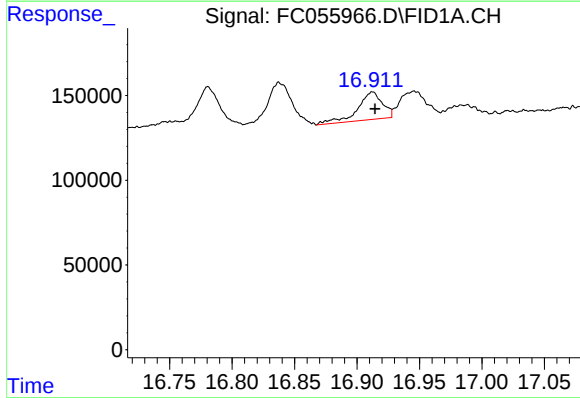
#14 n-Tetracosane (C24)

R.T.: 14.938 min
Delta R.T.: -0.008 min
Response: 741532
Conc: 7.09 ug/ml



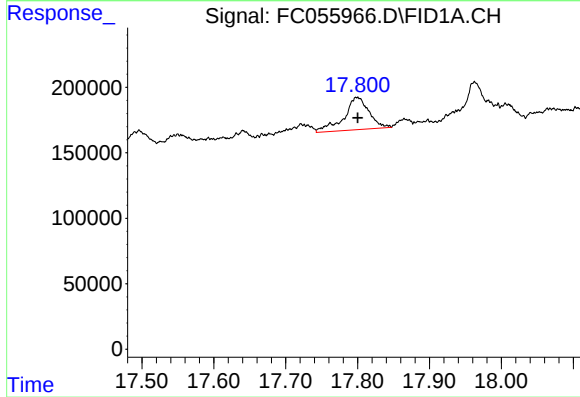
#15 n-Hexacosane (C26)

R.T.: 15.962 min
Delta R.T.: -0.004 min
Response: 177043
Conc: 1.76 ug/ml



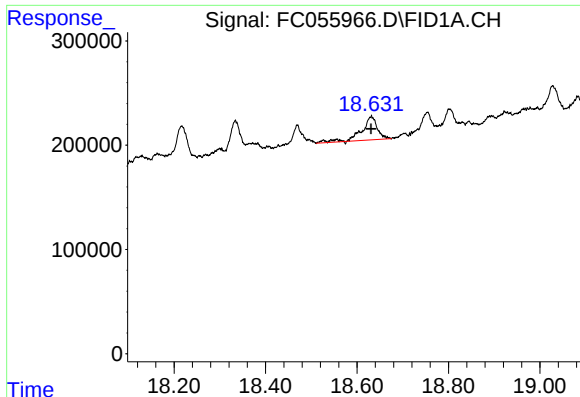
#16 n-Octacosane (C28)

R.T.: 16.912 min
Delta R.T.: -0.002 min
Response: 224724
Conc: 2.32 ug/ml



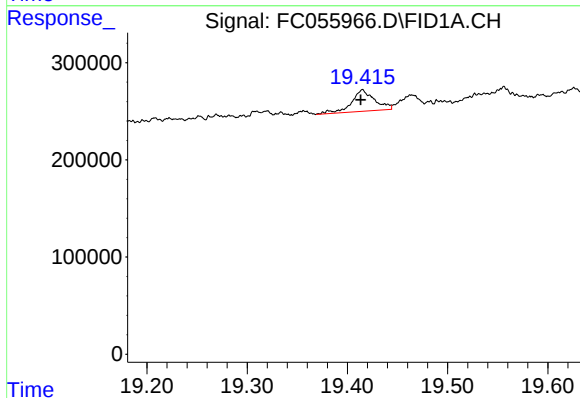
#17 n-Tricontane (C30)

R.T.: 17.800 min
Delta R.T.: 0.000 min
Response: 593906
Conc: 6.40 ug/ml



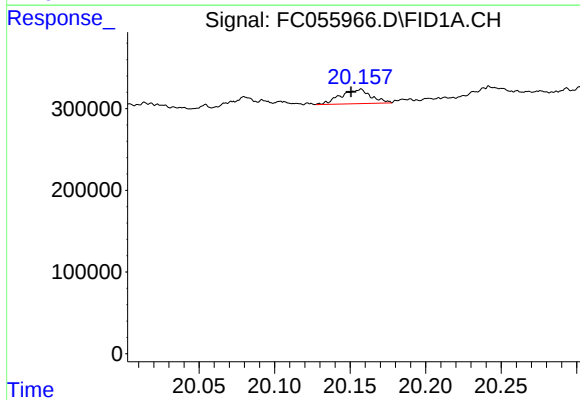
#18 n-Dotriacontane (C32)

R.T.: 18.631 min
Delta R.T.: 0.000 min
Response: 545014
Conc: 6.13 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.415 min
Delta R.T.: 0.002 min
Response: 351126
Conc: 4.06 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.156 min
Delta R.T.: 0.005 min
Response: 240214
Conc: 2.94 ug/ml