

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC102821AL\
 Data File : FC056478.D
 Signal(s) : FID1A.CH
 Acq On : 28 Oct 2021 23:07
 Operator : AJ\MA
 Sample : M4372-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 29 00:07:32 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102121.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 21 01:00:25 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)	11.621	3039008	24.544 ug/ml
Spiked Amount 50.000		Recovery =	49.09%
12) S 1-chlorooctadecane (S...	13.053	2421817	25.169 ug/ml
Spiked Amount 50.000		Recovery =	50.34%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.038	161350	1.323 ug/ml
5) T A~2-methylnaphthalene...	7.094	397266	3.244 ug/ml
6) T n-Tetradecane (C14)	8.259	185404	1.651 ug/ml
7) T n-Hexadecane (C16)	9.858	301790	2.655 ug/ml
8) T n-Octadecane (C18)	11.298	281858	2.412 ug/ml
10) T n-Eicosane (C20)	12.604	346304	3.013 ug/ml
15) T n-Hexacosane (C26)	15.918	124495	1.180 ug/ml
16) T n-Octacosane (C28)	16.869	234866	2.264 ug/ml
17) T n-Tricontane (C30)	17.766	1869970	18.048 ug/ml
18) T n-Dotriacontane (C32)	18.585	3209504	33.499 ug/ml
19) T n-Tetratriacontane (C34)	19.369	6918086	78.875 ug/ml
20) T n-Hexatriacontane (C36)	20.104	5780375	70.620 ug/ml
21) T n-Octatriacontane (C38)	20.843	7896968	98.741 ug/ml
22) T n-Tetracontane (C40)	21.764	1104988	13.412 ug/ml

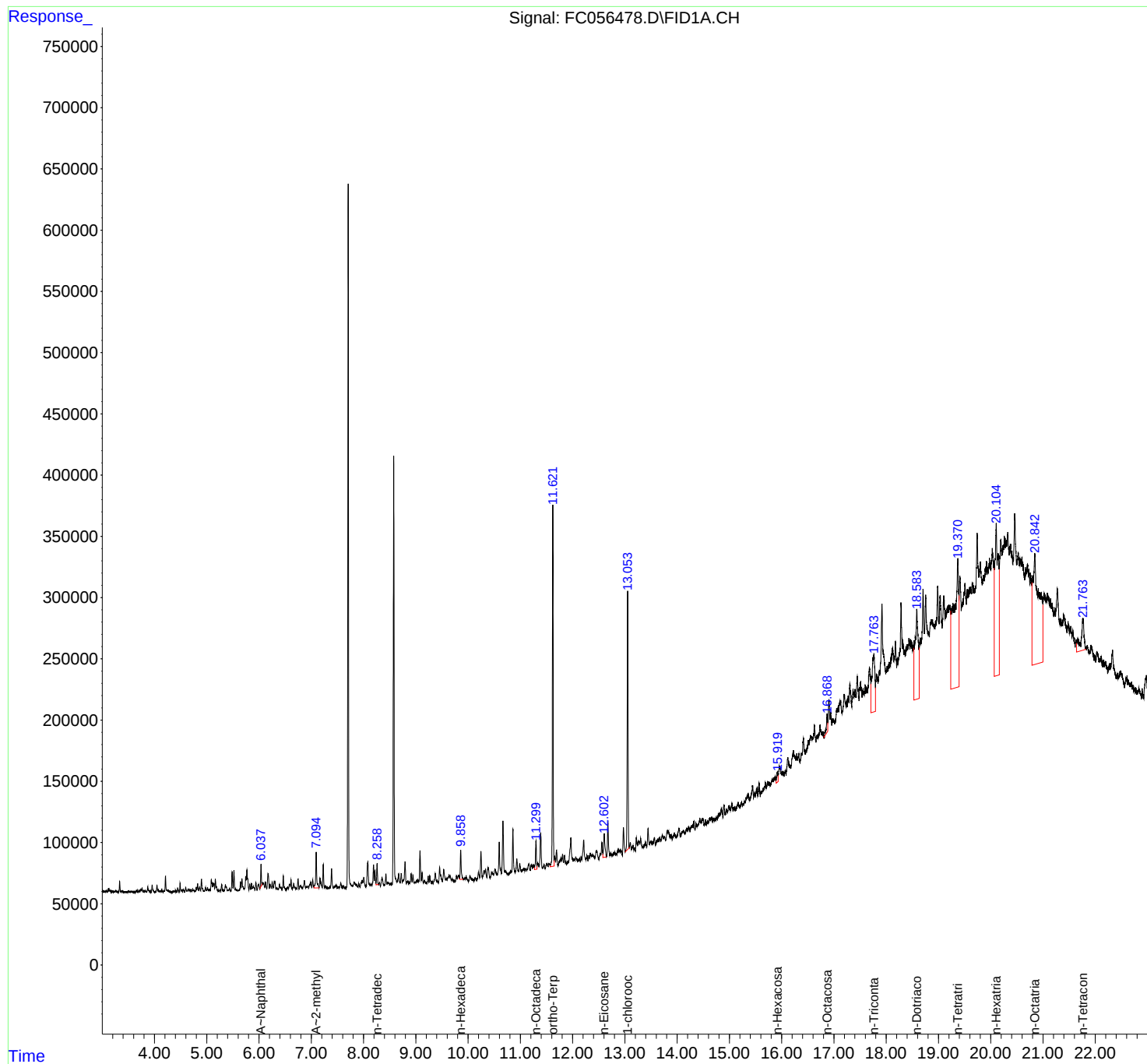
(f)=RT Delta > 1/2 Window

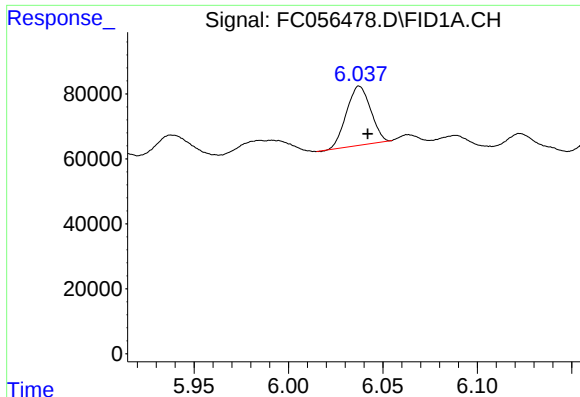
(m)=manual int.

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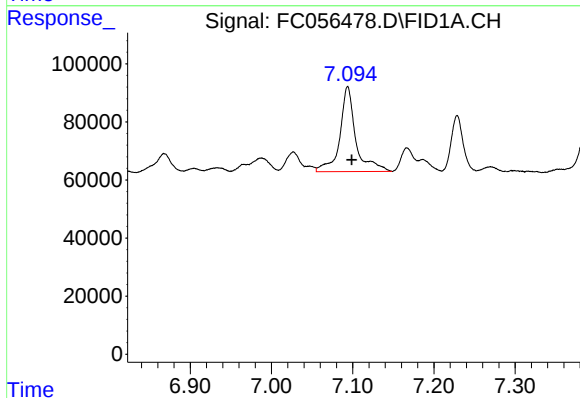
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





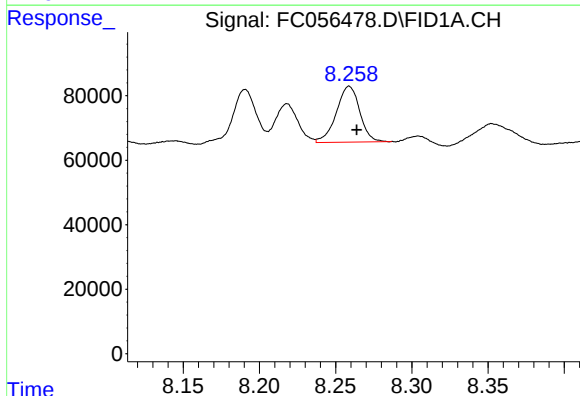
#3 A~Naphthalene (C11.7)

R.T.: 6.038 min
Delta R.T.: -0.004 min
Response: 161350
Conc: 1.32 ug/ml



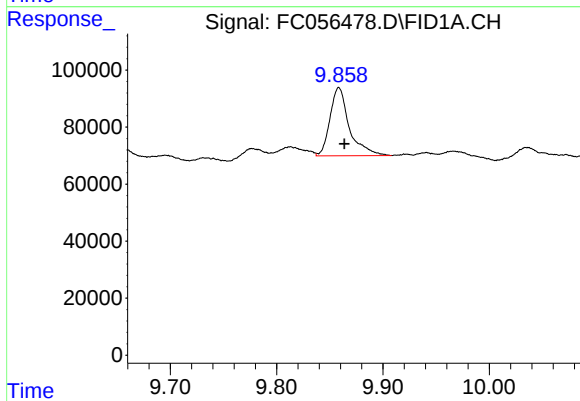
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.094 min
Delta R.T.: -0.005 min
Response: 397266
Conc: 3.24 ug/ml



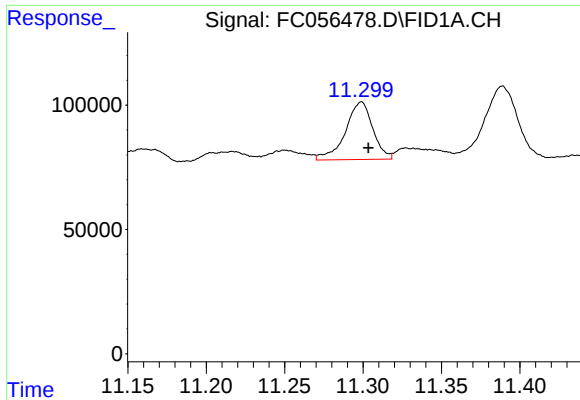
#6 n-Tetradecane (C14)

R.T.: 8.259 min
Delta R.T.: -0.005 min
Response: 185404
Conc: 1.65 ug/ml



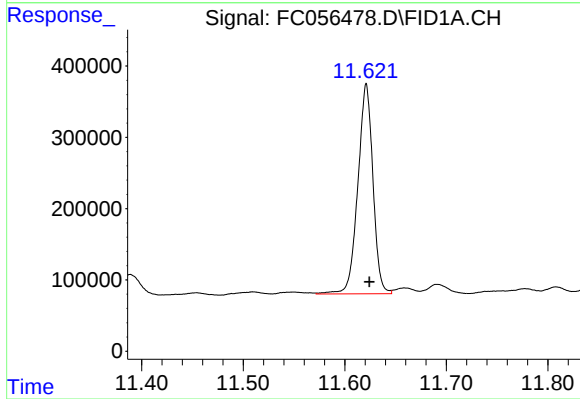
#7 n-Hexadecane (C16)

R.T.: 9.858 min
Delta R.T.: -0.005 min
Response: 301790
Conc: 2.65 ug/ml



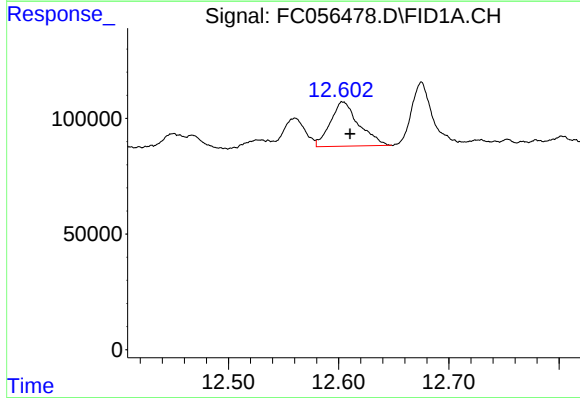
#8 n-Octadecane (C18)

R.T.: 11.298 min
Delta R.T.: -0.005 min
Response: 281858
Conc: 2.41 ug/ml



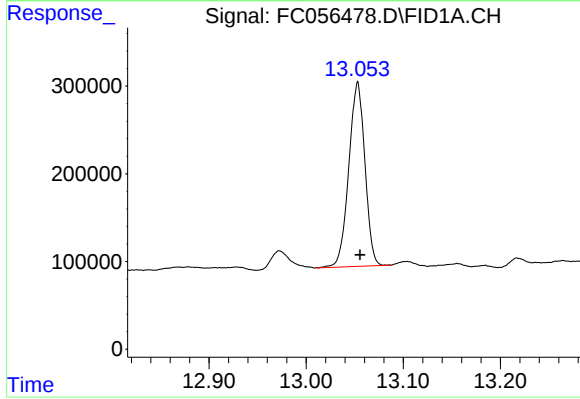
#9 ortho-Terphenyl (SURR)

R.T.: 11.621 min
Delta R.T.: -0.003 min
Response: 3039008
Conc: 24.54 ug/ml



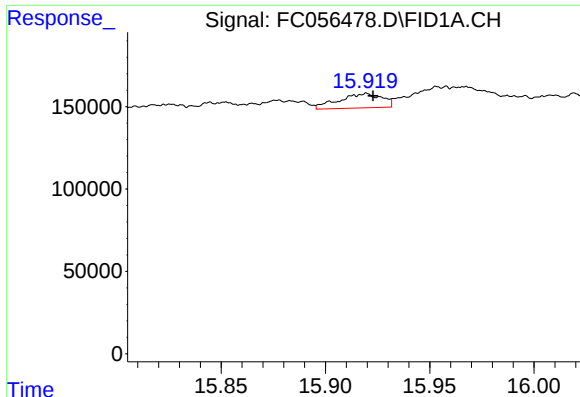
#10 n-Eicosane (C20)

R.T.: 12.604 min
Delta R.T.: -0.006 min
Response: 346304
Conc: 3.01 ug/ml



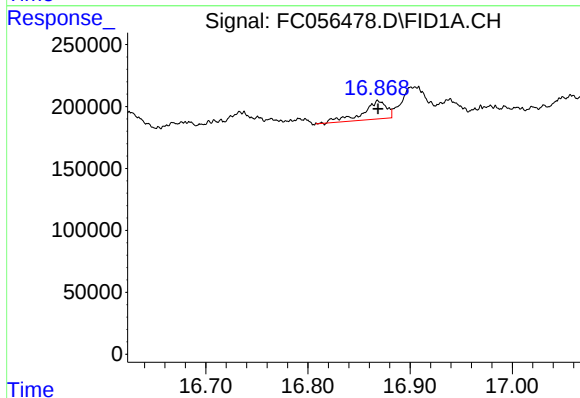
#12 1-chlorooctadecane (SURR)

R.T.: 13.053 min
Delta R.T.: -0.003 min
Response: 2421817
Conc: 25.17 ug/ml



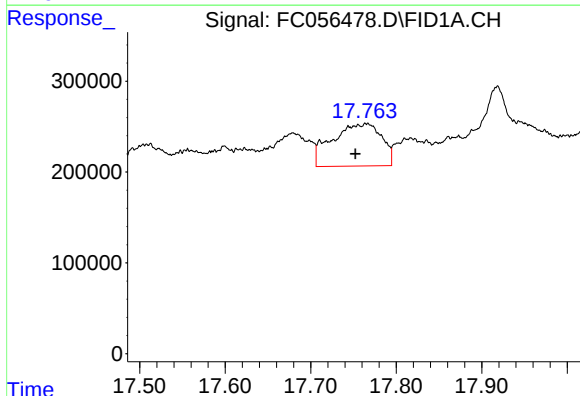
#15 n-Hexacosane (C26)

R.T.: 15.918 min
Delta R.T.: -0.004 min
Response: 124495
Conc: 1.18 ug/ml



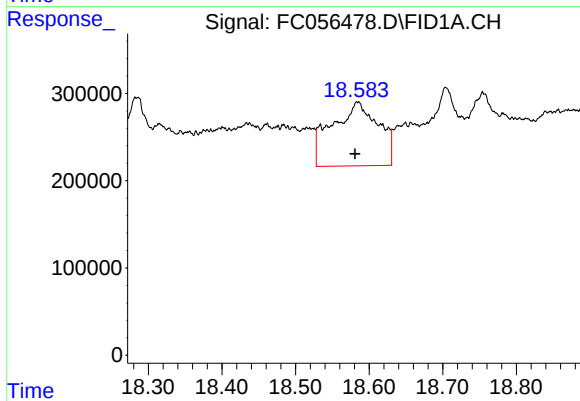
#16 n-Octacosane (C28)

R.T.: 16.869 min
Delta R.T.: 0.000 min
Response: 234866
Conc: 2.26 ug/ml



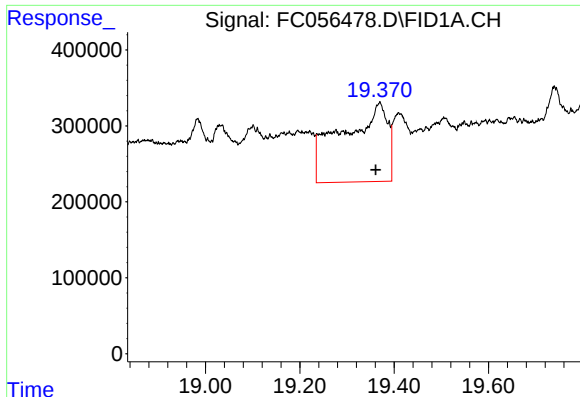
#17 n-Tricontane (C30)

R.T.: 17.766 min
Delta R.T.: 0.014 min
Response: 1869970
Conc: 18.05 ug/ml



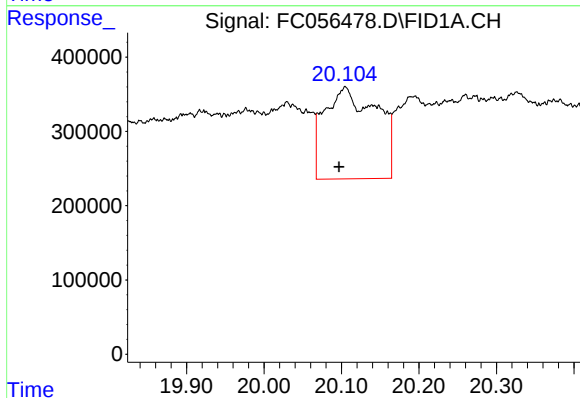
#18 n-Dotriacontane (C32)

R.T.: 18.585 min
Delta R.T.: 0.004 min
Response: 3209504
Conc: 33.50 ug/ml



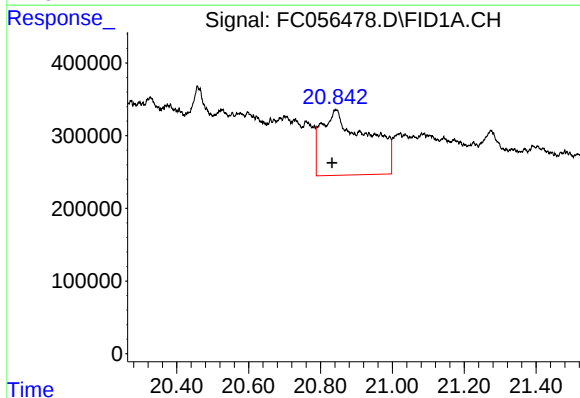
#19 n-Tetratriacontane (C34)

R.T.: 19.369 min
Delta R.T.: 0.008 min
Response: 6918086
Conc: 78.88 ug/ml



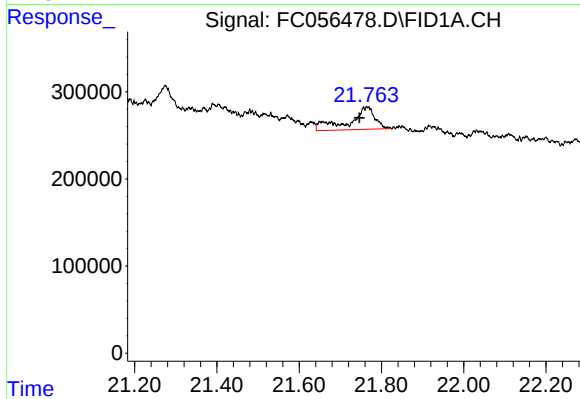
#20 n-Hexatriacontane (C36)

R.T.: 20.104 min
Delta R.T.: 0.007 min
Response: 5780375
Conc: 70.62 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.843 min
Delta R.T.: 0.011 min
Response: 7896968
Conc: 98.74 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.764 min
Delta R.T.: 0.018 min
Response: 1104988
Conc: 13.41 ug/ml