

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051819AL\
 Data File : FC041305.D
 Signal(s) : FID1A.CH
 Acq On : 18 May 2019 18:32
 Operator : EI\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 20 00:46:24 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 051519.M
 Quant Title : GC Extractables
 QLast Update : Wed May 15 16:14:00 2019
 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)	11.701	2124315	21.054 ug/ml
Spiked Amount 50.000		Recovery =	42.11%
12) S 1-chlorooctadecane (S...	13.127	1674930	21.096 ug/ml
Spiked Amount 50.000		Recovery =	42.19%
Target Compounds			
1) T n-Nonane (C9)	3.477	1785998	20.809 ug/ml
2) T n-Decane (C10)	4.548	1825591	20.946 ug/ml
3) T A-Naphthalene (C11.7)	6.139	2147222	20.903 ug/ml
4) T n-Dodecane (C12)	6.560	1845028	20.927 ug/ml
5) T A~2-methylnaphthalene...	7.191	2163008	20.915 ug/ml
6) T n-Tetradecane (C14)	8.348	1883071	21.006 ug/ml
7) T n-Hexadecane (C16)	9.941	1902781	21.091 ug/ml
8) T n-Octadecane (C18)	11.377	1916957	21.217 ug/ml
10) T n-Eicosane (C20)	12.683	1922821	21.127 ug/ml
11) T n-Heneicosane (C21)	13.292	1914460	21.128 ug/ml
13) T n-Docosane (C22)	13.877	1918417	21.177 ug/ml
14) T n-Tetracosane (C24)	14.976	1942202	21.360 ug/ml
15) T n-Hexacosane (C26)	15.993	1950348	21.489 ug/ml
16) T n-Octacosane (C28)	16.941	2015448	22.013 ug/ml
17) T n-Tricontane (C30)	17.826	2031859	22.615 ug/ml
18) T n-Dotriacontane (C32)	18.655	1916519	22.903 ug/ml
19) T n-Tetratriacontane (C34)	19.436	1606794	22.477 ug/mlm
20) T n-Hexatriacontane (C36)	20.175	1368655	21.479 ug/mlm
21) T n-Octatriacontane (C38)	20.925	1206418	19.992 ug/ml
22) T n-Tetracontane (C40)	21.869	1084269	18.428 ug/ml

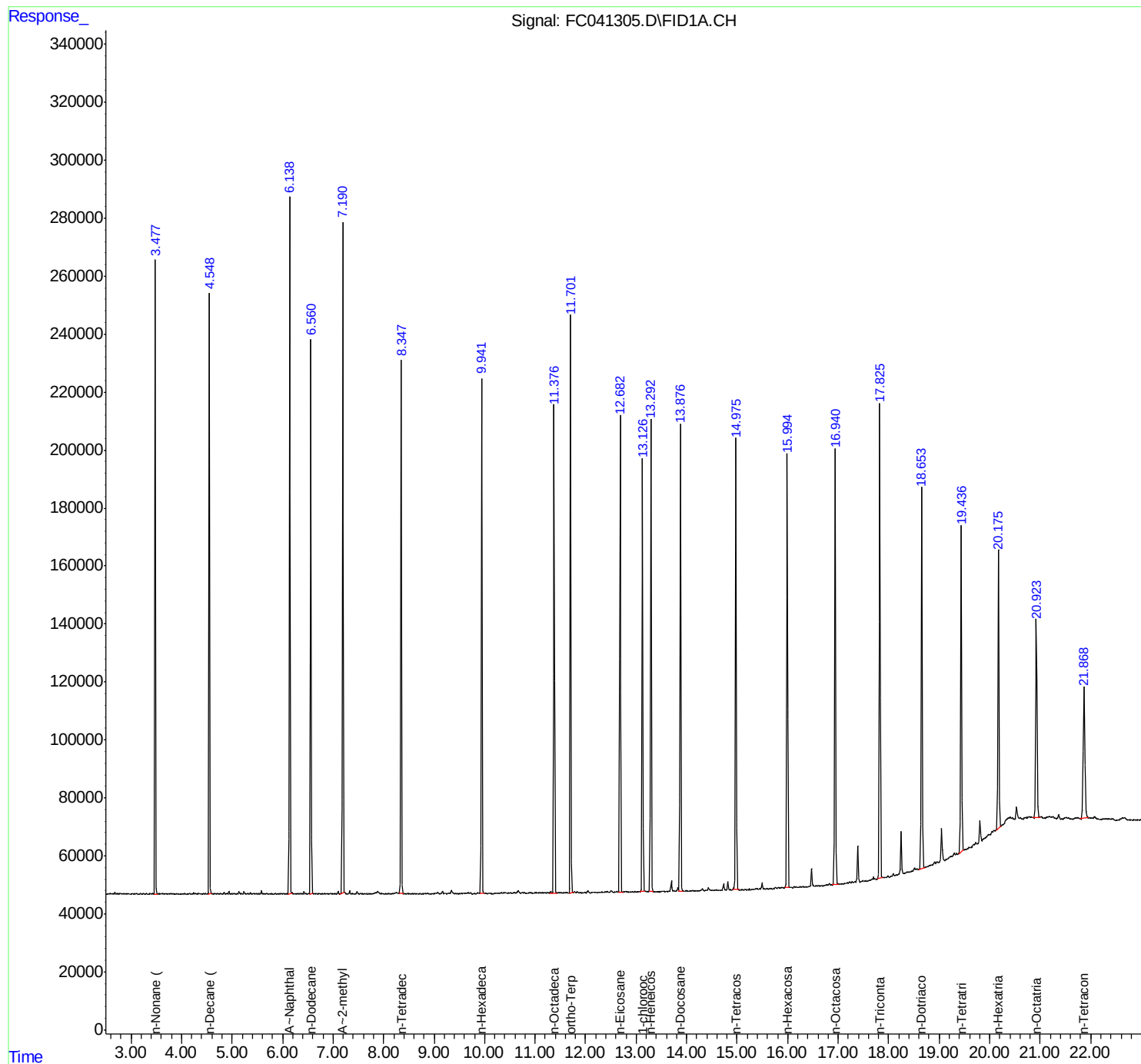
(f)=RT Delta > 1/2 Window

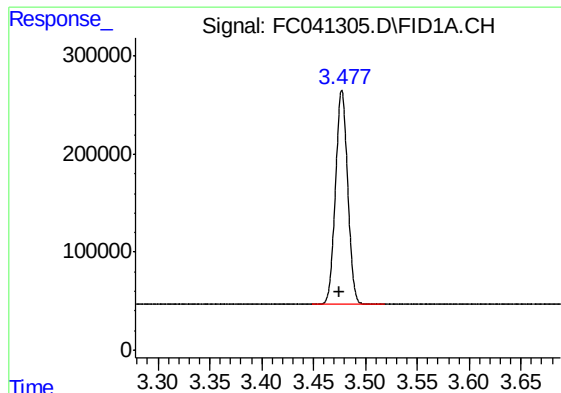
(m)=manual int.

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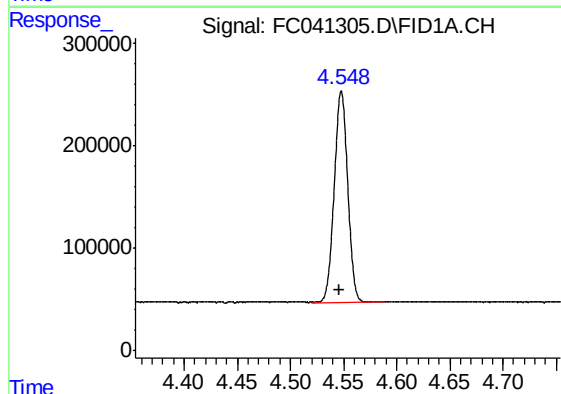
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





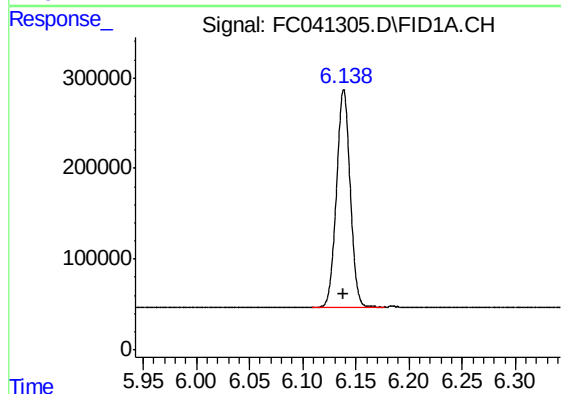
#1 n-Nonane (C9)

R.T.: 3.477 min
Delta R.T.: 0.002 min
Response: 1785998
Conc: 20.81 ug/ml



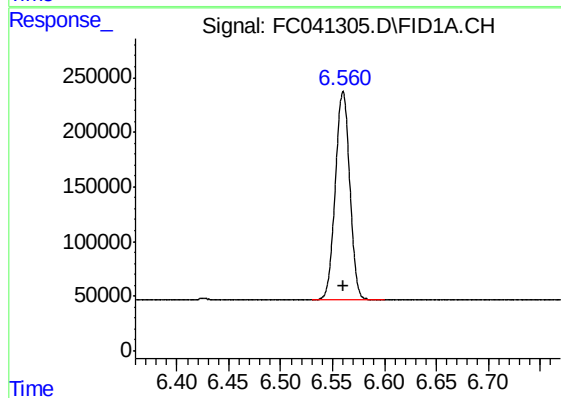
#2 n-Decane (C10)

R.T.: 4.548 min
Delta R.T.: 0.002 min
Response: 1825591
Conc: 20.95 ug/ml



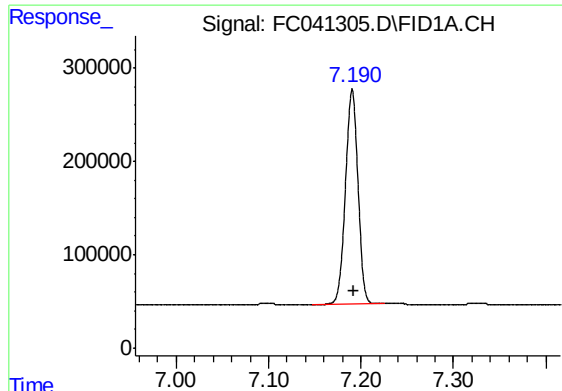
#3 A~Naphthalene (C11.7)

R.T.: 6.139 min
Delta R.T.: 0.000 min
Response: 2147222
Conc: 20.90 ug/ml



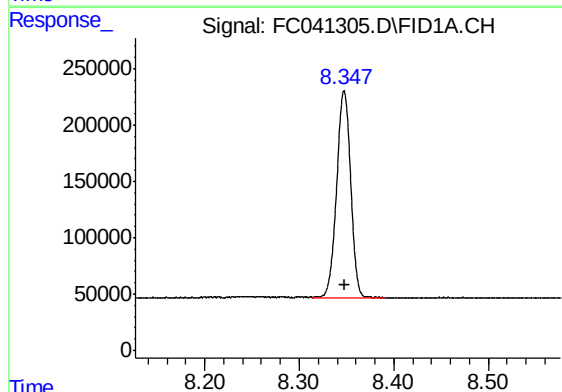
#4 n-Dodecane (C12)

R.T.: 6.560 min
Delta R.T.: 0.000 min
Response: 1845028
Conc: 20.93 ug/ml



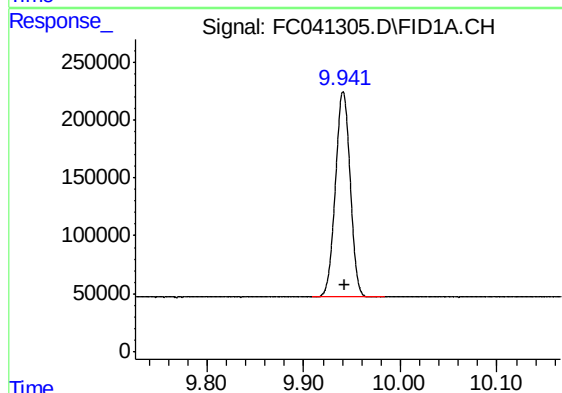
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.191 min
Delta R.T.: -0.001 min
Response: 2163008
Conc: 20.92 ug/ml



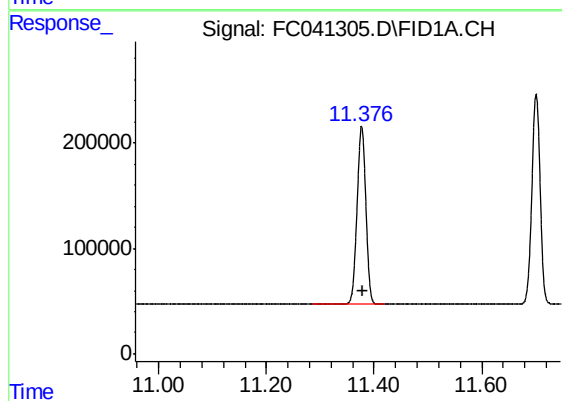
#6 n-Tetradecane (C14)

R.T.: 8.348 min
Delta R.T.: 0.000 min
Response: 1883071
Conc: 21.01 ug/ml



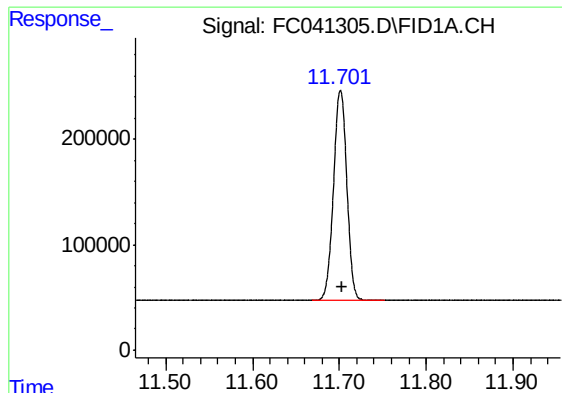
#7 n-Hexadecane (C16)

R.T.: 9.941 min
Delta R.T.: -0.002 min
Response: 1902781
Conc: 21.09 ug/ml



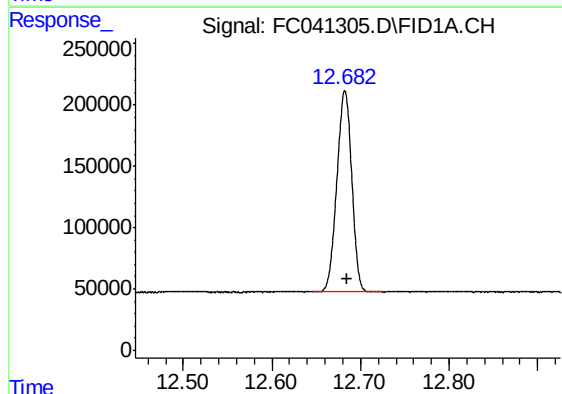
#8 n-Octadecane (C18)

R.T.: 11.377 min
Delta R.T.: -0.001 min
Response: 1916957
Conc: 21.22 ug/ml



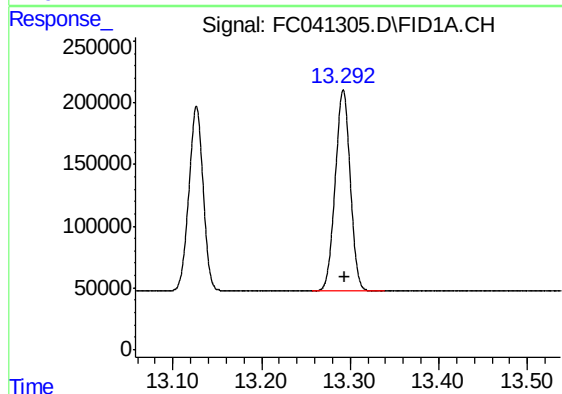
#9 ortho-Terphenyl (SURR)

R.T.: 11.701 min
Delta R.T.: -0.002 min
Response: 2124315
Conc: 21.05 ug/ml



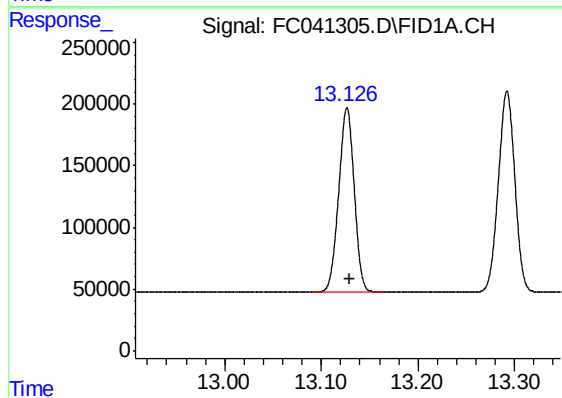
#10 n-Eicosane (C20)

R.T.: 12.683 min
Delta R.T.: -0.002 min
Response: 1922821
Conc: 21.13 ug/ml



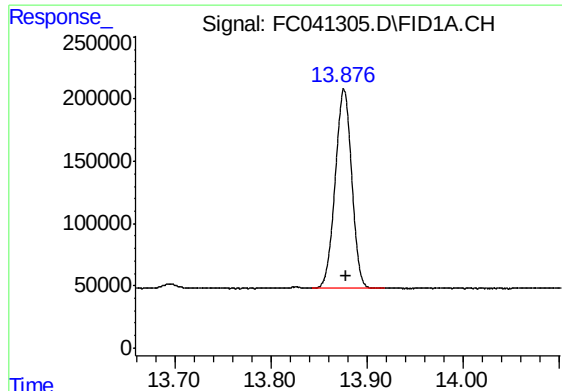
#11 n-Heneicosane (C21)

R.T.: 13.292 min
Delta R.T.: -0.002 min
Response: 1914460
Conc: 21.13 ug/ml



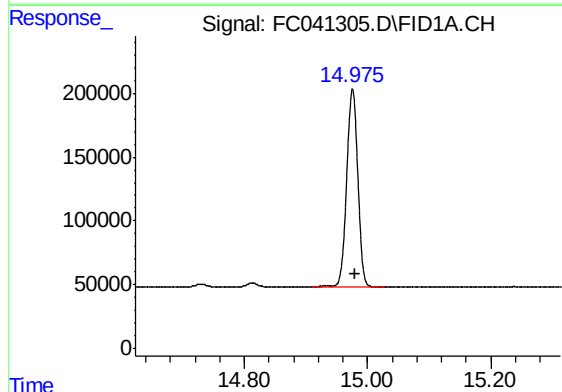
#12 1-chlorooctadecane (SURR)

R.T.: 13.127 min
Delta R.T.: -0.003 min
Response: 1674930
Conc: 21.10 ug/ml



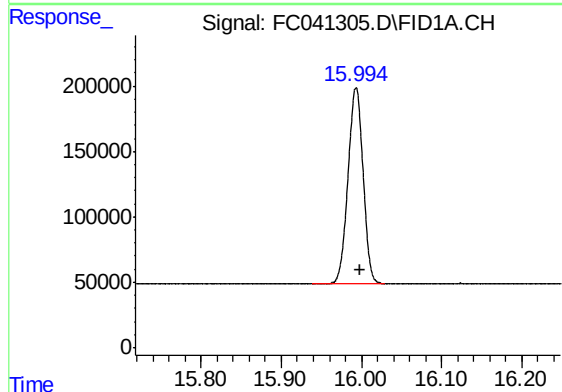
#13 n-Docosane (C22)

R.T.: 13.877 min
Delta R.T.: -0.002 min
Response: 1918417
Conc: 21.18 ug/ml



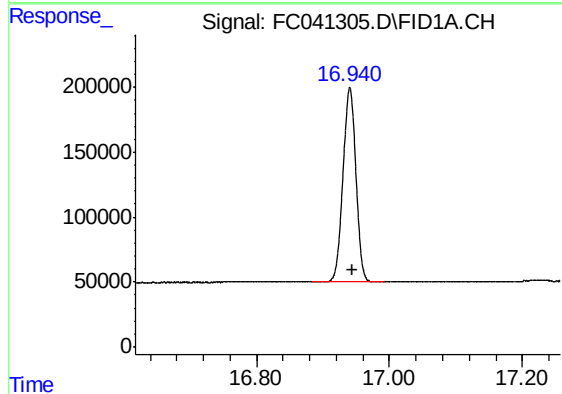
#14 n-Tetracosane (C24)

R.T.: 14.976 min
Delta R.T.: -0.004 min
Response: 1942202
Conc: 21.36 ug/ml



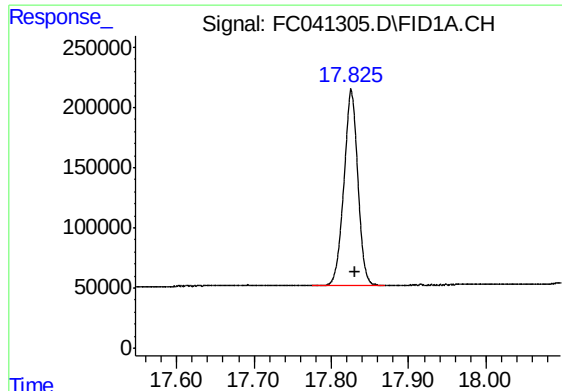
#15 n-Hexacosane (C26)

R.T.: 15.993 min
Delta R.T.: -0.004 min
Response: 1950348
Conc: 21.49 ug/ml



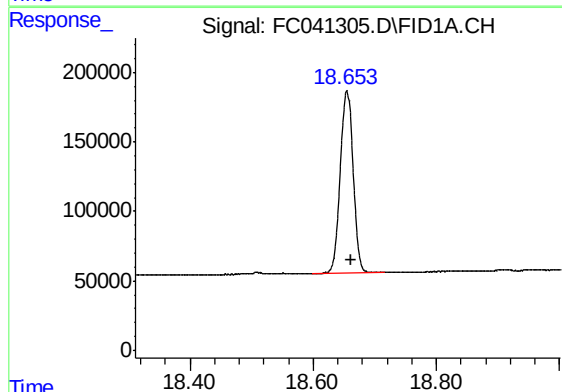
#16 n-Octacosane (C28)

R.T.: 16.941 min
Delta R.T.: -0.004 min
Response: 2015448
Conc: 22.01 ug/ml



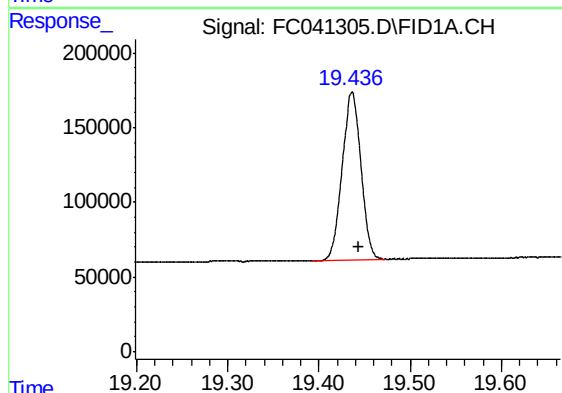
#17 n-Tricontane (C30)

R.T.: 17.826 min
Delta R.T.: -0.005 min
Response: 2031859
Conc: 22.62 ug/ml



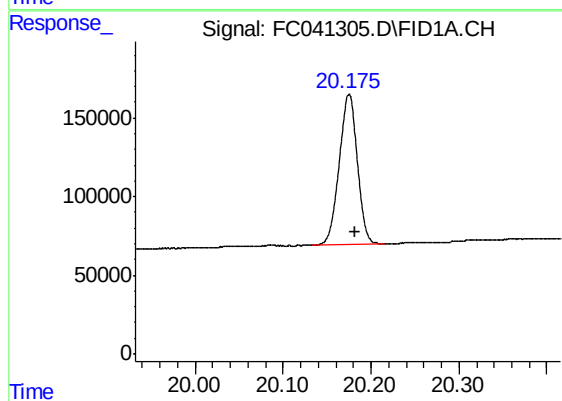
#18 n-Dotriacontane (C32)

R.T.: 18.655 min
Delta R.T.: -0.007 min
Response: 1916519
Conc: 22.90 ug/ml



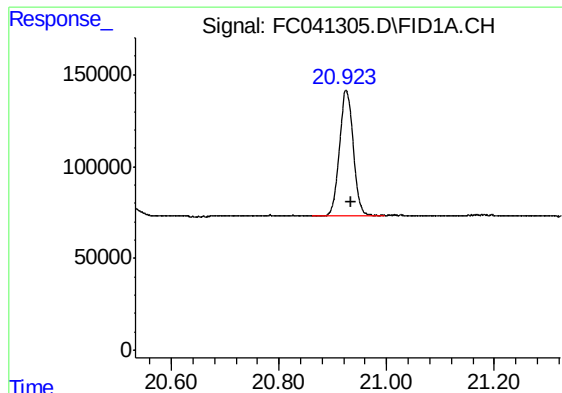
#19 n-Tetatriacontane (C34)

R.T.: 19.436 min
Delta R.T.: -0.008 min
Response: 1606794
Conc: 22.48 ug/ml m



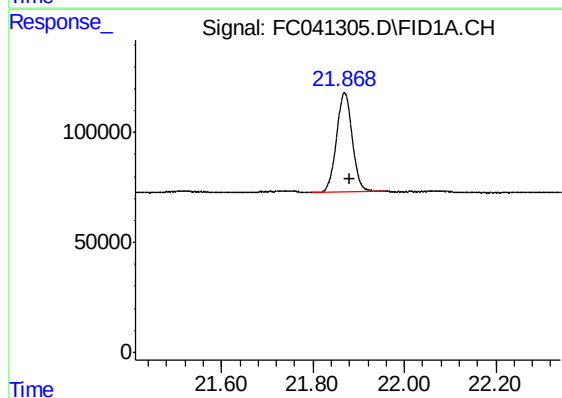
#20 n-Hexatriacontane (C36)

R.T.: 20.175 min
Delta R.T.: -0.008 min
Response: 1368655
Conc: 21.48 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.925 min
Delta R.T.: -0.010 min
Response: 1206418
Conc: 19.99 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.869 min
Delta R.T.: -0.010 min
Response: 1084269
Conc: 18.43 ug/ml