

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052219AL\
 Data File : FC041432.D
 Signal(s) : FID1A.CH
 Acq On : 23 May 2019 13:06
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 23 13:35:14 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic 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)	11.704	2356215	23.353 ug/ml
Spiked Amount 50.000		Recovery =	46.71%
12) S 1-chlorooctadecane (S...	13.128	1911404	24.074 ug/ml
Spiked Amount 50.000		Recovery =	48.15%
Target Compounds			
1) T n-Nonane (C9)	3.479	1865591	21.737 ug/ml
2) T n-Decane (C10)	4.551	1942396	22.287 ug/ml
3) T A~Naphthalene (C11.7)	6.141	2269544	22.094 ug/ml
4) T n-Dodecane (C12)	6.563	2014841	22.853 ug/ml
5) T A~2-methylnaphthalene...	7.193	2311748	22.353 ug/ml
6) T n-Tetradecane (C14)	8.350	2116088	23.605 ug/ml
7) T n-Hexadecane (C16)	9.944	2186906	24.241 ug/ml
8) T n-Octadecane (C18)	11.381	2221264	24.585 ug/ml
10) T n-Eicosane (C20)	12.684	2235739	24.565 ug/ml
11) T n-Heneicosane (C21)	13.294	2207199	24.359 ug/ml
13) T n-Docosane (C22)	13.877	2209917	24.395 ug/ml
14) T n-Tetracosane (C24)	14.978	2222621	24.445 ug/ml
15) T n-Hexacosane (C26)	15.994	2220126	24.461 ug/ml
16) T n-Octacosane (C28)	16.943	2245655	24.527 ug/ml
17) T n-Tricontane (C30)	17.827	2229391	24.814 ug/ml
18) T n-Dotriacontane (C32)	18.658	2070765	24.747 ug/ml
19) T n-Tetratriacontane (C34)	19.440	1749237	24.469 ug/ml
20) T n-Hexatriacontane (C36)	20.178	1550491	24.332 ug/ml
21) T n-Octatriacontane (C38)	20.932	1457017	24.145 ug/ml
22) T n-Tetracontane (C40)	21.874	1350854	22.959 ug/ml

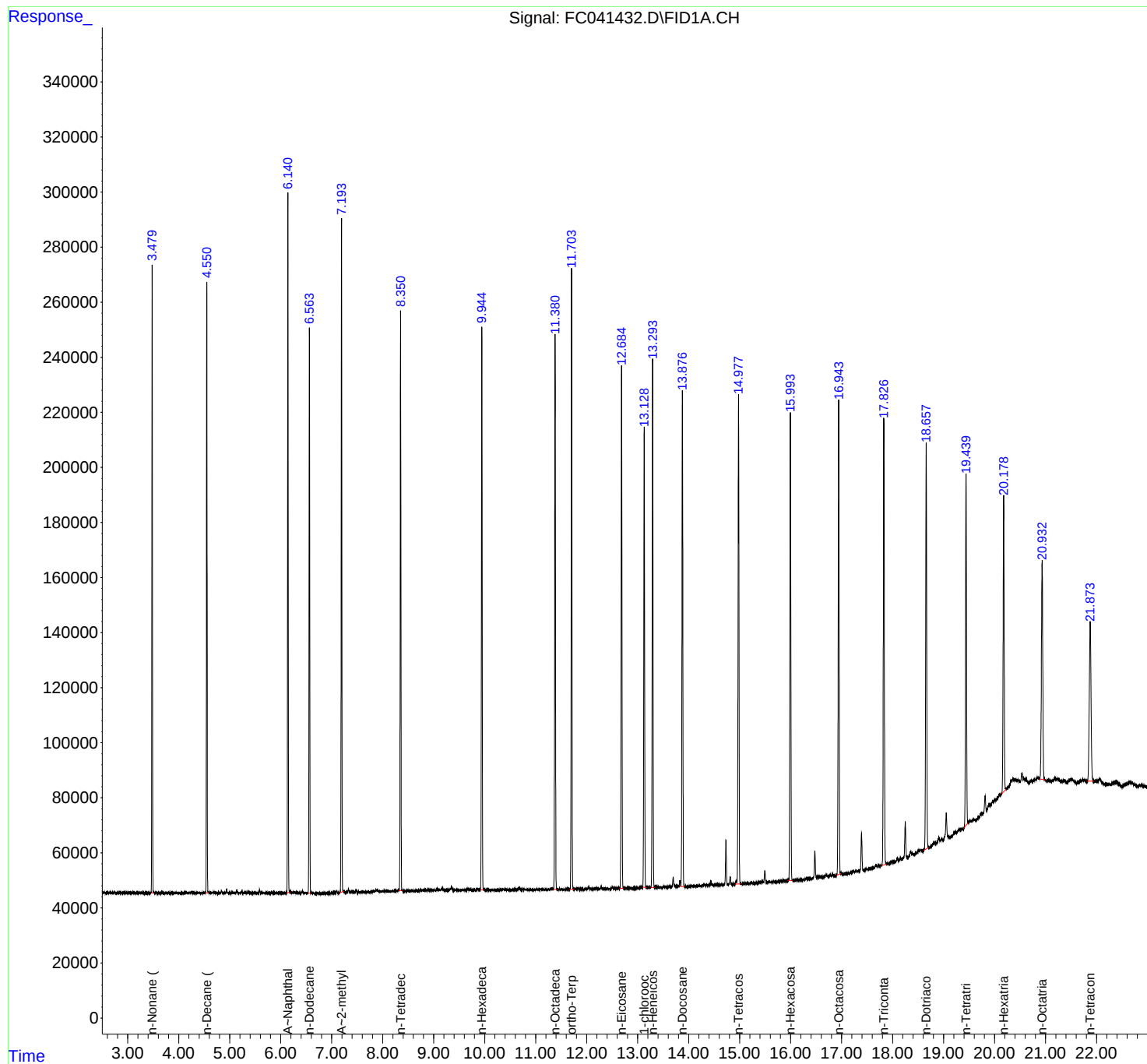
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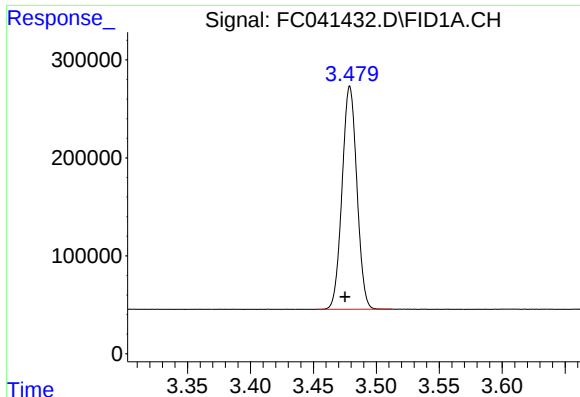
(m)=manual int.

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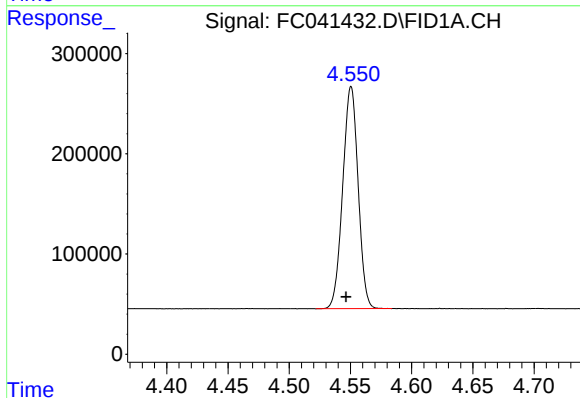
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





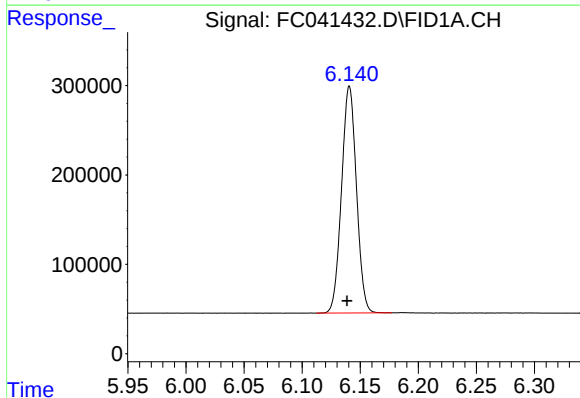
#1 n-Nonane (C9)

R.T.: 3.479 min
Delta R.T.: 0.004 min
Response: 1865591
Conc: 21.74 ug/ml



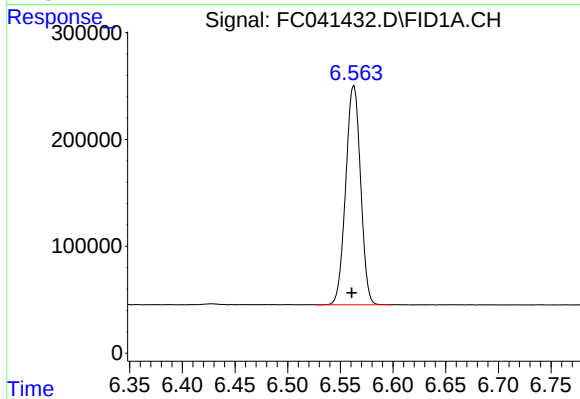
#2 n-Decane (C10)

R.T.: 4.551 min
Delta R.T.: 0.004 min
Response: 1942396
Conc: 22.29 ug/ml



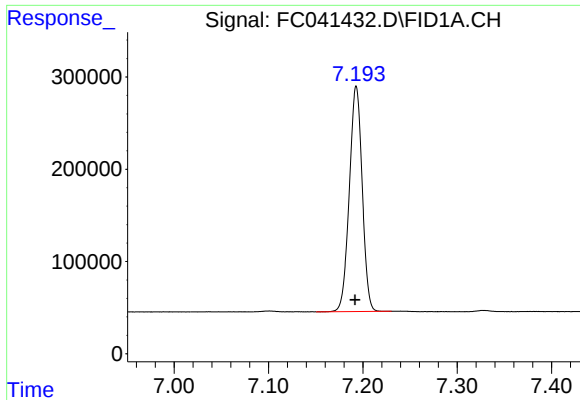
#3 A~Naphthalene (C11.7)

R.T.: 6.141 min
Delta R.T.: 0.002 min
Response: 2269544
Conc: 22.09 ug/ml



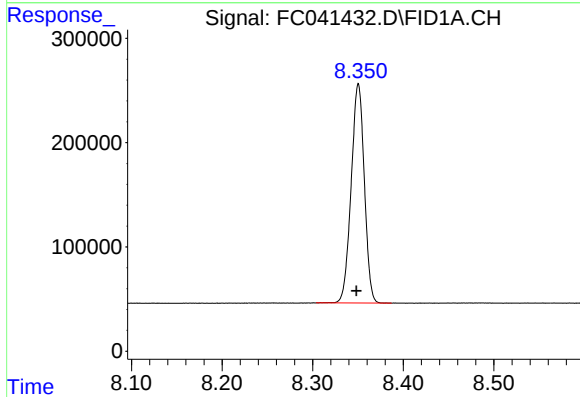
#4 n-Dodecane (C12)

R.T.: 6.563 min
Delta R.T.: 0.002 min
Response: 2014841
Conc: 22.85 ug/ml



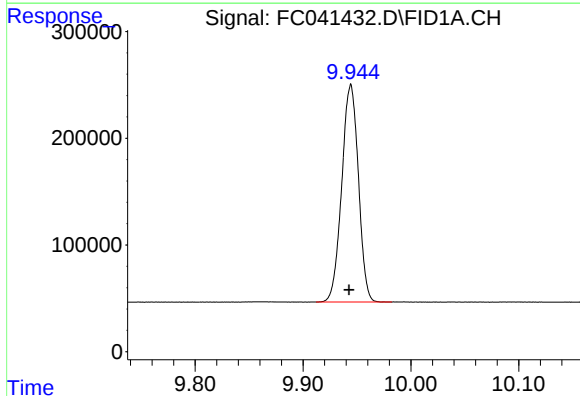
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.193 min
Delta R.T.: 0.001 min
Response: 2311748
Conc: 22.35 ug/ml



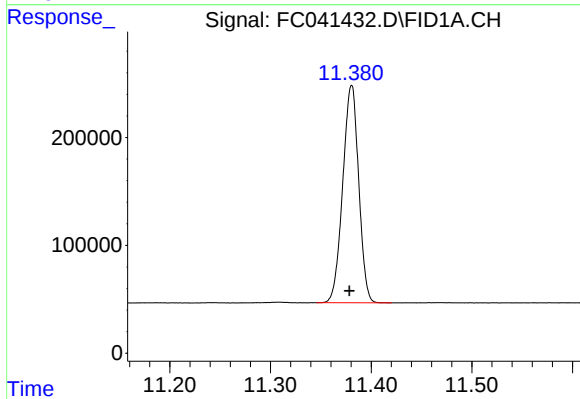
#6 n-Tetradecane (C14)

R.T.: 8.350 min
Delta R.T.: 0.002 min
Response: 2116088
Conc: 23.61 ug/ml



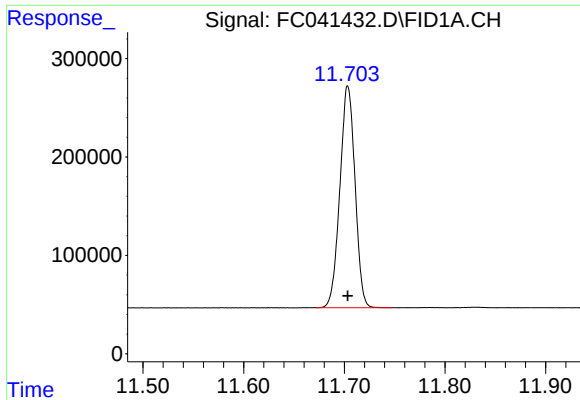
#7 n-Hexadecane (C16)

R.T.: 9.944 min
Delta R.T.: 0.002 min
Response: 2186906
Conc: 24.24 ug/ml



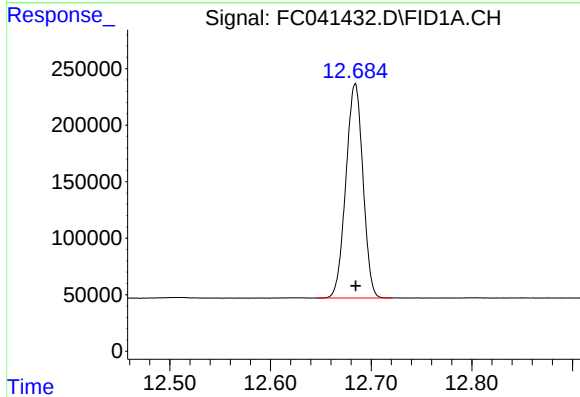
#8 n-Octadecane (C18)

R.T.: 11.381 min
Delta R.T.: 0.002 min
Response: 2221264
Conc: 24.59 ug/ml



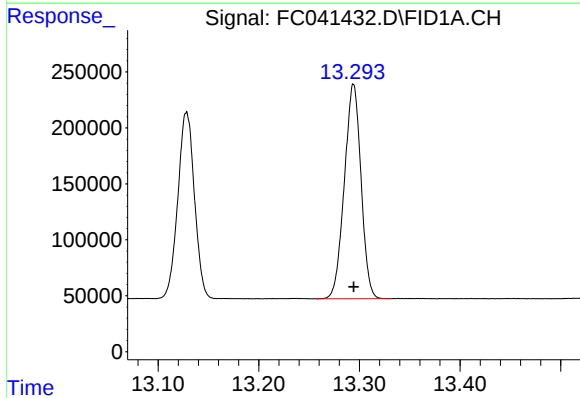
#9 ortho-Terphenyl (SURR)

R.T.: 11.704 min
Delta R.T.: 0.000 min
Response: 2356215
Conc: 23.35 ug/ml



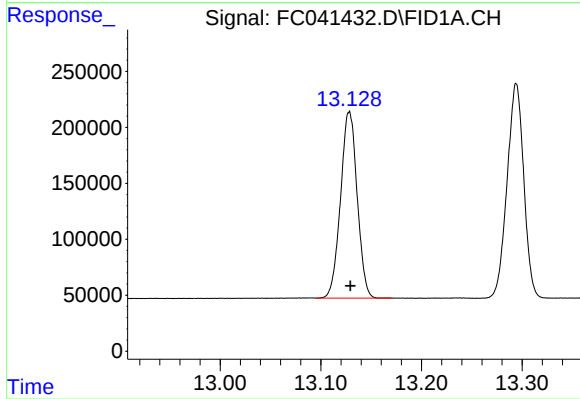
#10 n-Eicosane (C20)

R.T.: 12.684 min
Delta R.T.: 0.000 min
Response: 2235739
Conc: 24.56 ug/ml



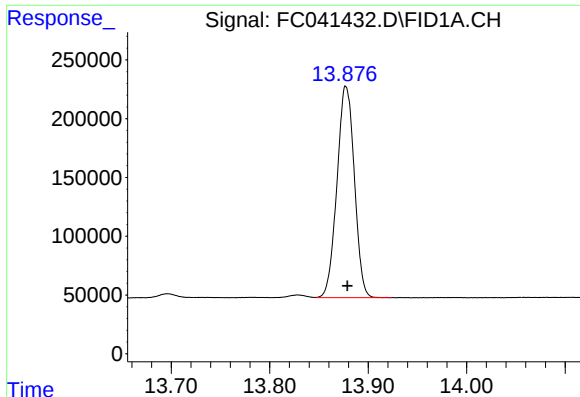
#11 n-Heneicosane (C21)

R.T.: 13.294 min
Delta R.T.: 0.000 min
Response: 2207199
Conc: 24.36 ug/ml



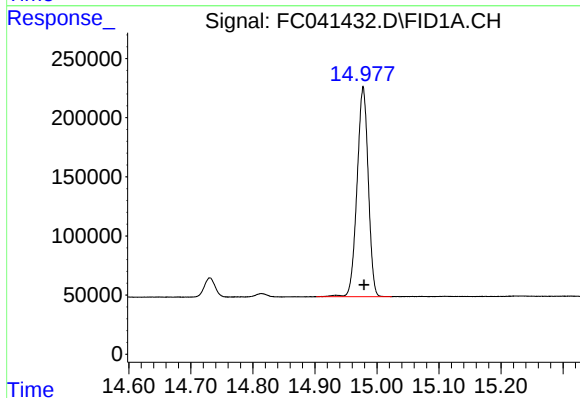
#12 1-chlorooctadecane (SURR)

R.T.: 13.128 min
Delta R.T.: -0.001 min
Response: 1911404
Conc: 24.07 ug/ml



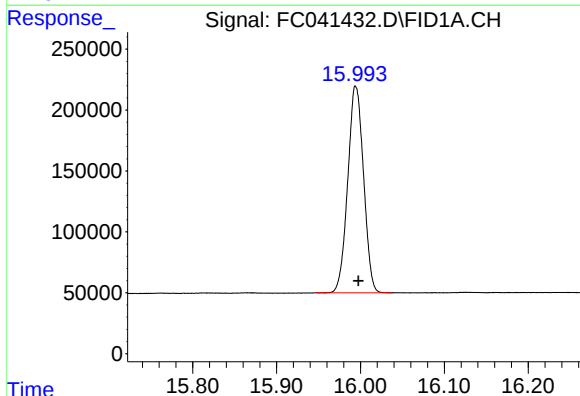
#13 n-Docosane (C22)

R.T.: 13.877 min
Delta R.T.: -0.001 min
Response: 2209917
Conc: 24.40 ug/ml



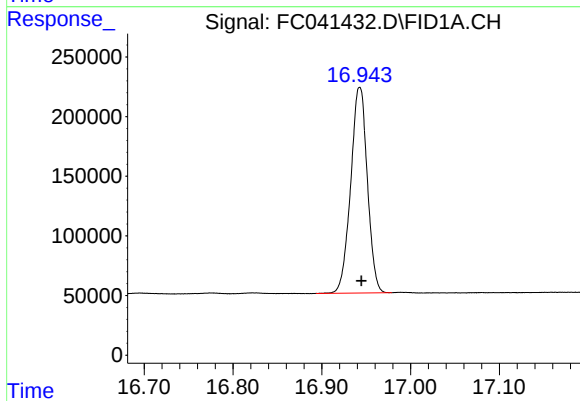
#14 n-Tetracosane (C24)

R.T.: 14.978 min
Delta R.T.: -0.002 min
Response: 2222621
Conc: 24.44 ug/ml



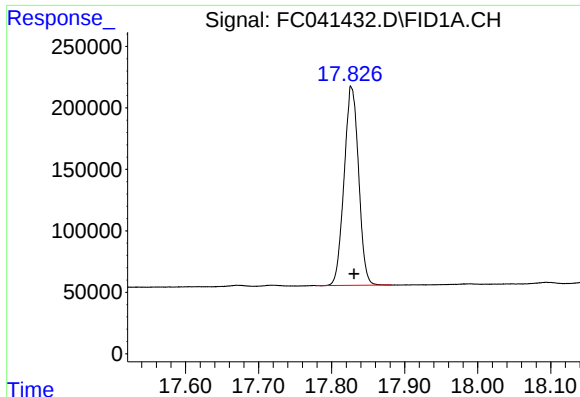
#15 n-Hexacosane (C26)

R.T.: 15.994 min
Delta R.T.: -0.003 min
Response: 2220126
Conc: 24.46 ug/ml



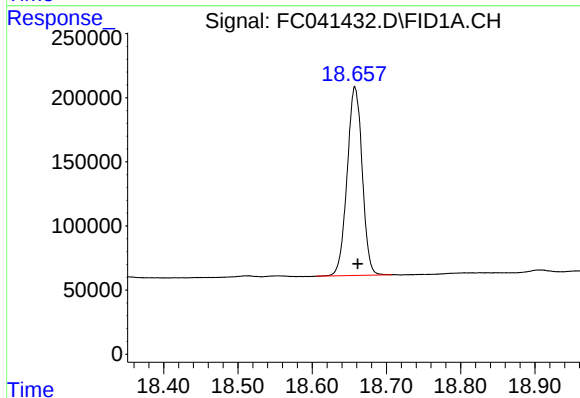
#16 n-Octacosane (C28)

R.T.: 16.943 min
Delta R.T.: -0.002 min
Response: 2245655
Conc: 24.53 ug/ml



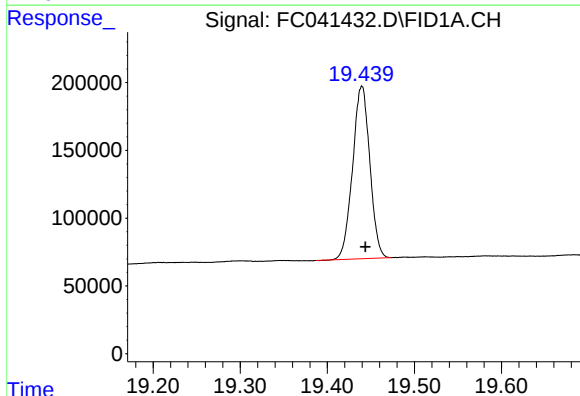
#17 n-Tricontane (C30)

R.T.: 17.827 min
Delta R.T.: -0.004 min
Response: 2229391
Conc: 24.81 ug/ml



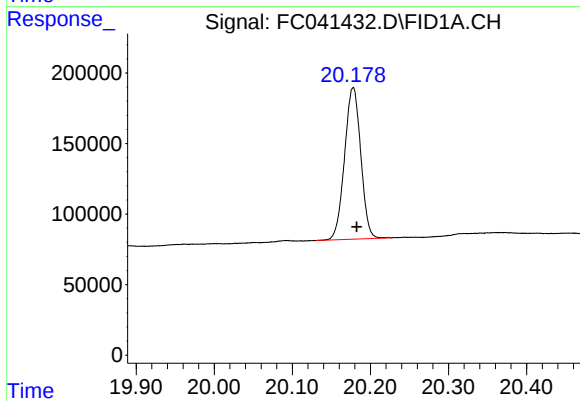
#18 n-Dotriacontane (C32)

R.T.: 18.658 min
Delta R.T.: -0.004 min
Response: 2070765
Conc: 24.75 ug/ml



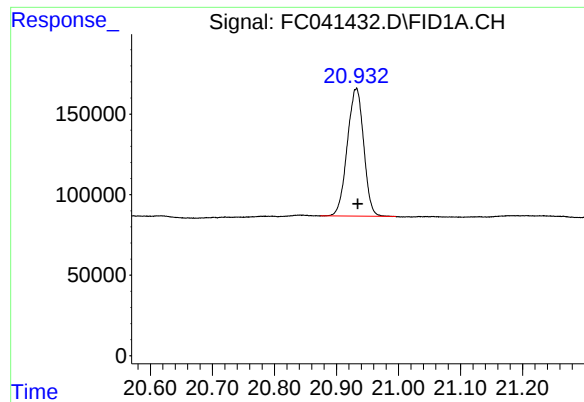
#19 n-Tetratriacontane (C34)

R.T.: 19.440 min
Delta R.T.: -0.004 min
Response: 1749237
Conc: 24.47 ug/ml



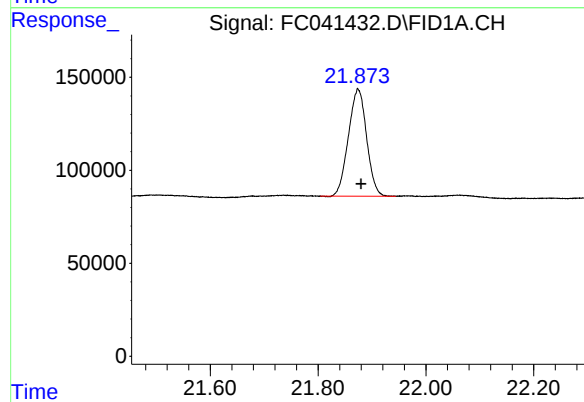
#20 n-Hexatriacontane (C36)

R.T.: 20.178 min
Delta R.T.: -0.004 min
Response: 1550491
Conc: 24.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.932 min
Delta R.T.: -0.002 min
Response: 1457017
Conc: 24.14 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.874 min
Delta R.T.: -0.005 min
Response: 1350854
Conc: 22.96 ug/ml