

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110321AL\
 Data File : FC056632.D
 Signal(s) : FID1A.CH
 Acq On : 04 Nov 2021 6:16
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 04 08:45:08 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)	11.610	2256132	18.221 ug/ml
Spiked Amount 50.000		Recovery =	36.44%
12) S 1-chlorooctadecane (S...	13.042	1783157	18.531 ug/ml
Spiked Amount 50.000		Recovery =	37.06%
Target Compounds			
1) T n-Nonane (C9)	3.372	2286996	21.130 ug/ml
2) T n-Decane (C10)	4.439	2305901	21.407 ug/ml
3) T A~Naphthalene (C11.7)	6.030	2543277	20.860 ug/ml
4) T n-Dodecane (C12)	6.457	2349672	21.314 ug/ml
5) T A~2-methylnaphthalene...	7.086	2571346	20.997 ug/ml
6) T n-Tetradecane (C14)	8.252	2317545	20.643 ug/ml
7) T n-Hexadecane (C16)	9.851	2326029	20.459 ug/ml
8) T n-Octadecane (C18)	11.290	2296839	19.655 ug/ml
10) T n-Eicosane (C20)	12.597	2208451	19.216 ug/ml
11) T n-Heneicosane (C21)	13.207	2180543	18.974 ug/ml
13) T n-Docosane (C22)	13.791	2105587	18.702 ug/ml
14) T n-Tetracosane (C24)	14.891	2006383	18.206 ug/ml
15) T n-Hexacosane (C26)	15.908	1932409	18.309 ug/ml
16) T n-Octacosane (C28)	16.853	1816462	17.512 ug/ml
17) T n-Tricontane (C30)	17.738	1897174	18.311 ug/ml
18) T n-Dotriacontane (C32)	18.566	1908385	19.919 ug/ml
19) T n-Tetratriacontane (C34)	19.344	1848325	21.073 ug/ml
20) T n-Hexatriacontane (C36)	20.079	1862866	22.759 ug/ml
21) T n-Octatriacontane (C38)	20.813	1817896	22.730 ug/ml
22) T n-Tetracontane (C40)	21.723	1783878	21.652 ug/ml

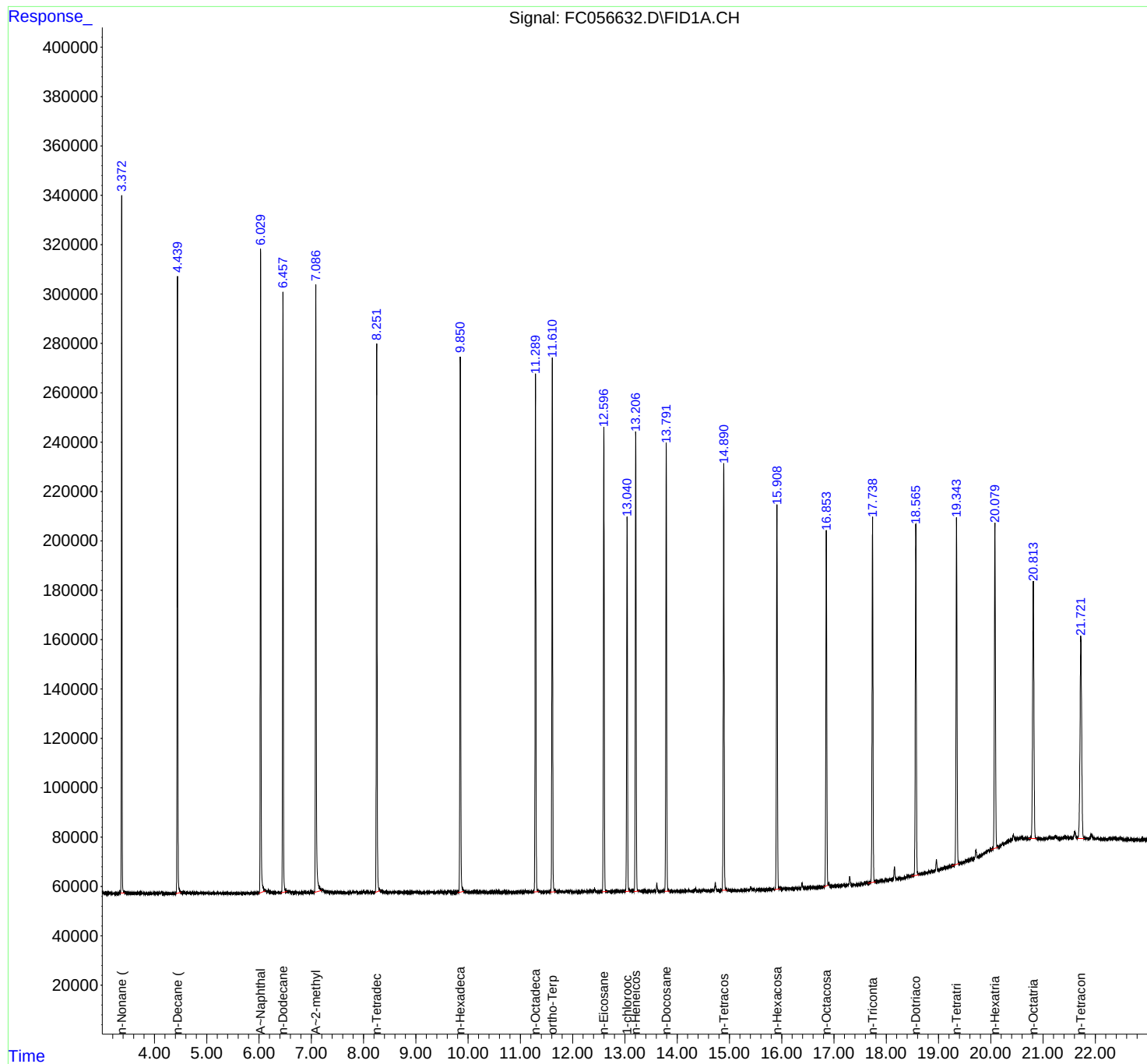
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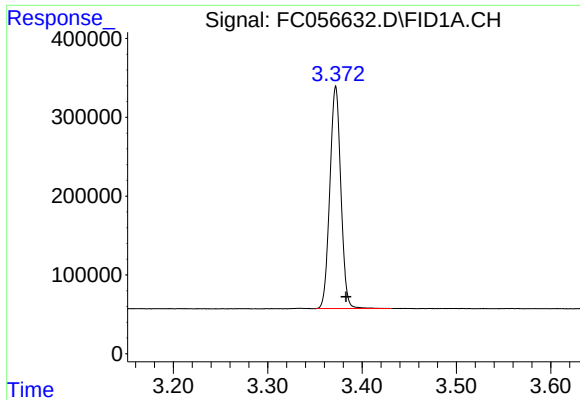
(m)=manual int.

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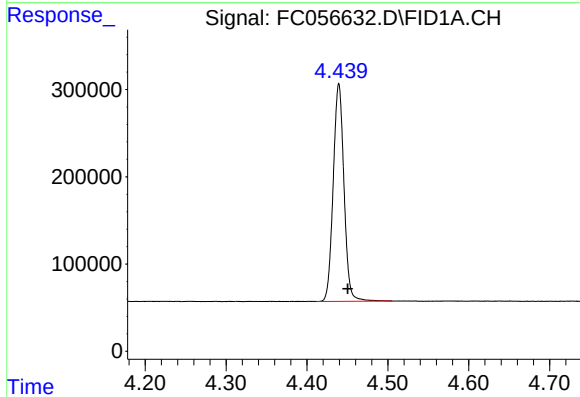
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





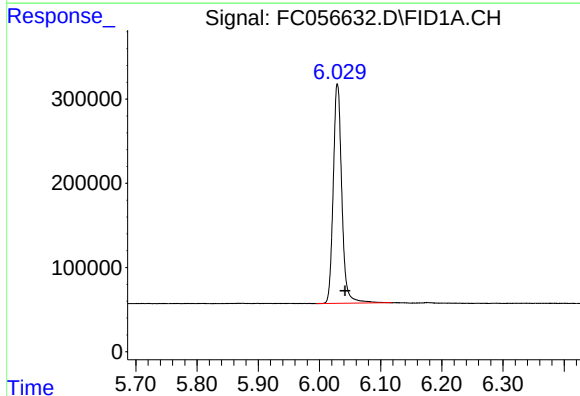
#1 n-Nonane (C9)

R.T.: 3.372 min
Delta R.T.: -0.011 min
Response: 2286996
Conc: 21.13 ug/ml



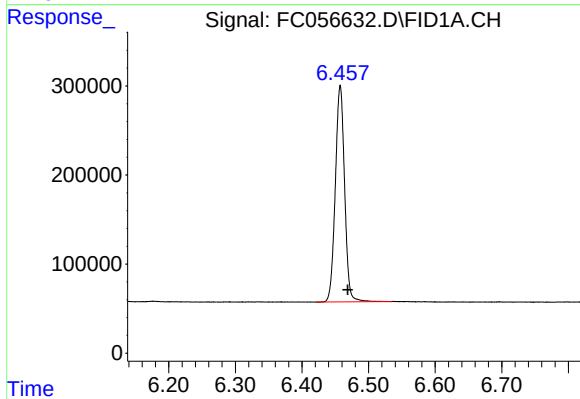
#2 n-Decane (C10)

R.T.: 4.439 min
Delta R.T.: -0.011 min
Response: 2305901
Conc: 21.41 ug/ml



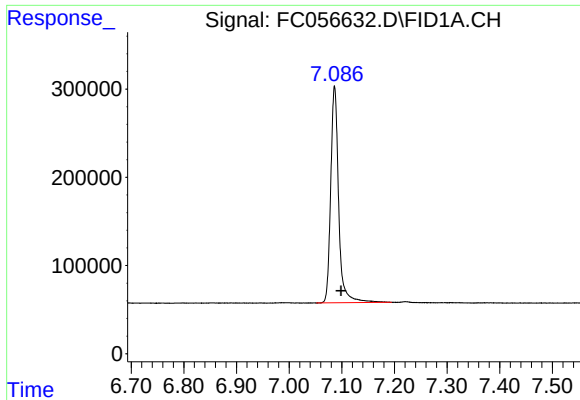
#3 A~Naphthalene (C11.7)

R.T.: 6.030 min
Delta R.T.: -0.012 min
Response: 2543277
Conc: 20.86 ug/ml



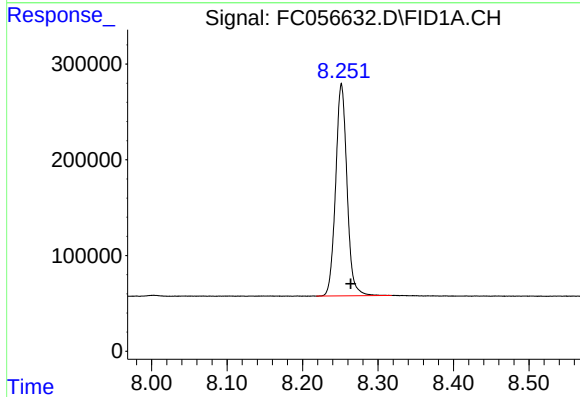
#4 n-Dodecane (C12)

R.T.: 6.457 min
Delta R.T.: -0.011 min
Response: 2349672
Conc: 21.31 ug/ml



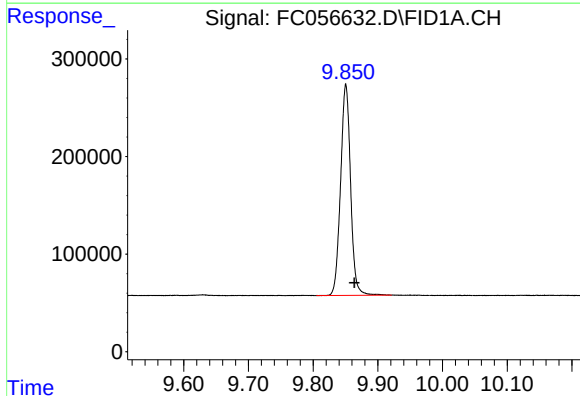
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.086 min
Delta R.T.: -0.012 min
Response: 2571346
Conc: 21.00 ug/ml



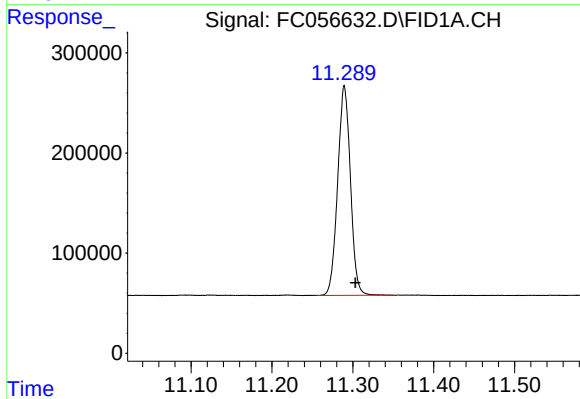
#6 n-Tetradecane (C14)

R.T.: 8.252 min
Delta R.T.: -0.012 min
Response: 2317545
Conc: 20.64 ug/ml



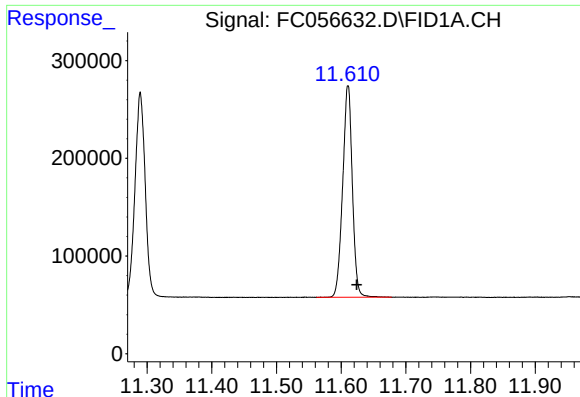
#7 n-Hexadecane (C16)

R.T.: 9.851 min
Delta R.T.: -0.013 min
Response: 2326029
Conc: 20.46 ug/ml



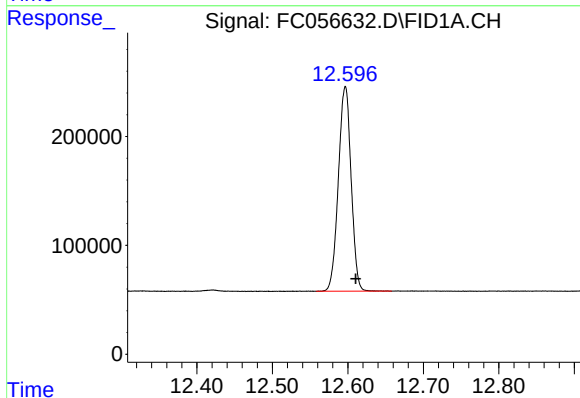
#8 n-Octadecane (C18)

R.T.: 11.290 min
Delta R.T.: -0.014 min
Response: 2296839
Conc: 19.66 ug/ml



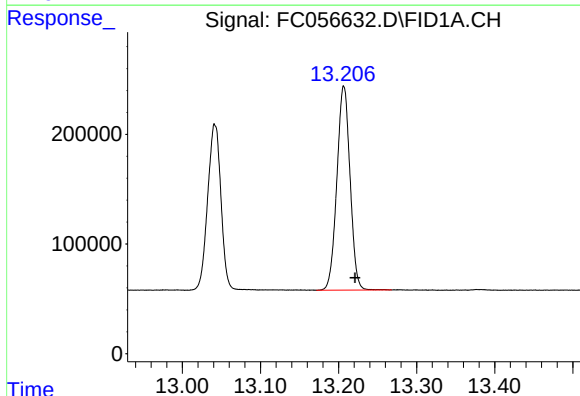
#9 ortho-Terphenyl (SURR)

R.T.: 11.610 min
Delta R.T.: -0.014 min
Response: 2256132
Conc: 18.22 ug/ml



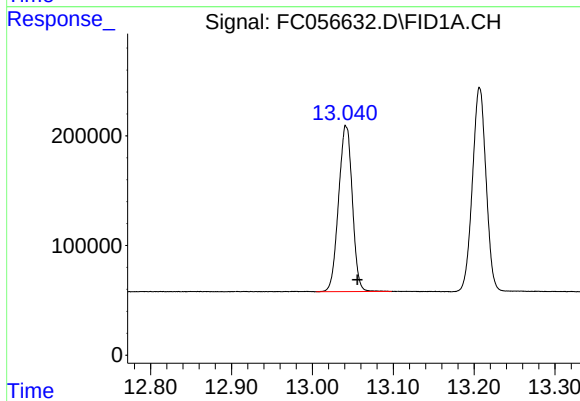
#10 n-Eicosane (C20)

R.T.: 12.597 min
Delta R.T.: -0.014 min
Response: 2208451
Conc: 19.22 ug/ml



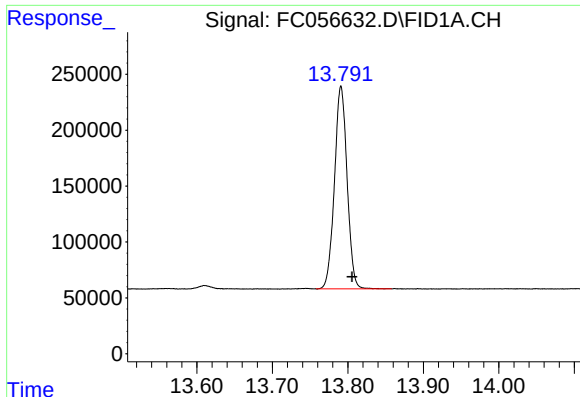
#11 n-Heneicosane (C21)

R.T.: 13.207 min
Delta R.T.: -0.014 min
Response: 2180543
Conc: 18.97 ug/ml



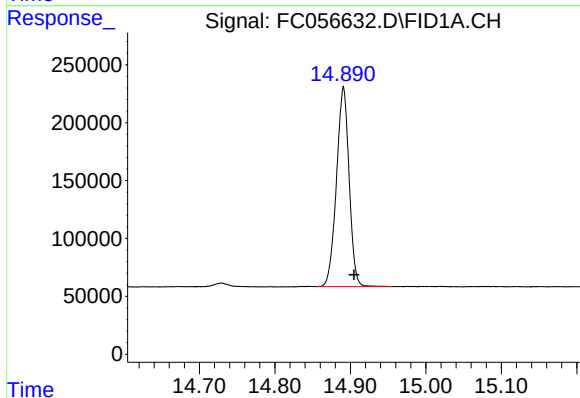
#12 1-chlorooctadecane (SURR)

R.T.: 13.042 min
Delta R.T.: -0.014 min
Response: 1783157
Conc: 18.53 ug/ml



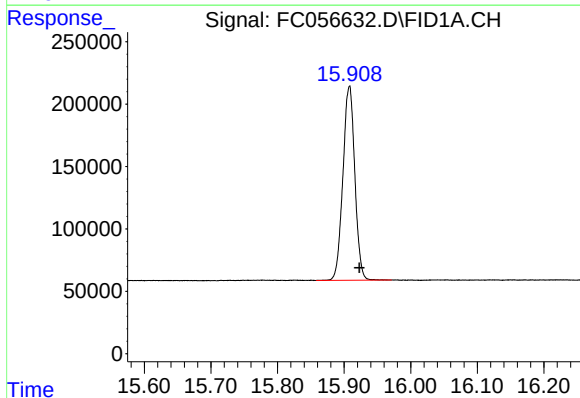
#13 n-Docosane (C22)

R.T.: 13.791 min
Delta R.T.: -0.015 min
Response: 2105587
Conc: 18.70 ug/ml



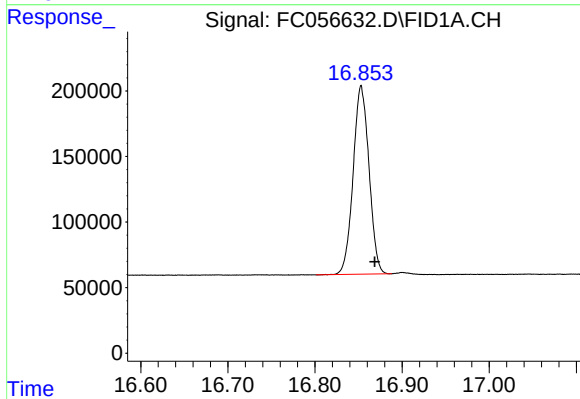
#14 n-Tetracosane (C24)

R.T.: 14.891 min
Delta R.T.: -0.014 min
Response: 2006383
Conc: 18.21 ug/ml



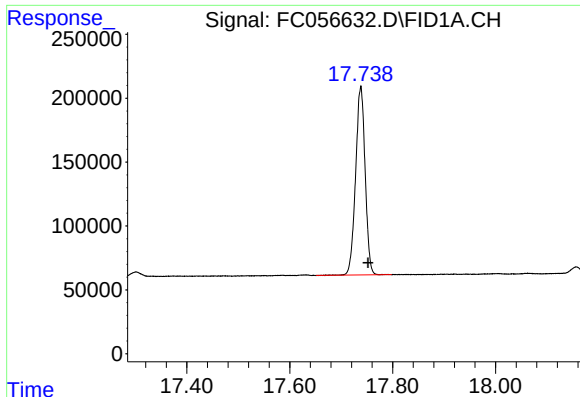
#15 n-Hexacosane (C26)

R.T.: 15.908 min
Delta R.T.: -0.015 min
Response: 1932409
Conc: 18.31 ug/ml



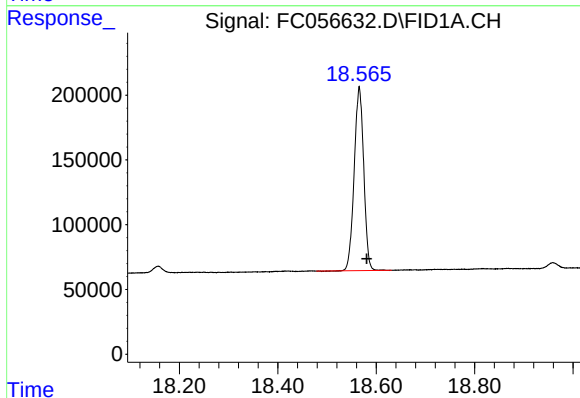
#16 n-Octacosane (C28)

R.T.: 16.853 min
Delta R.T.: -0.016 min
Response: 1816462
Conc: 17.51 ug/ml



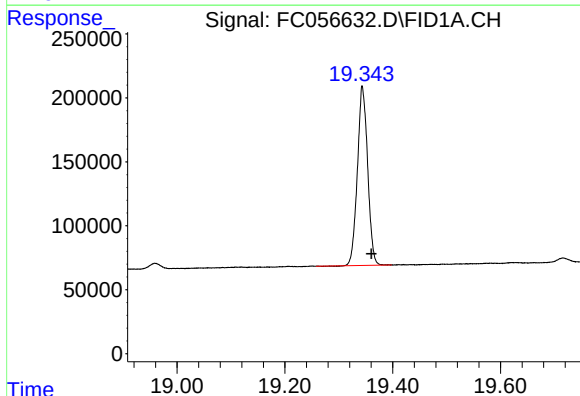
#17 n-Tricontane (C30)

R.T.: 17.738 min
Delta R.T.: -0.014 min
Response: 1897174
Conc: 18.31 ug/ml



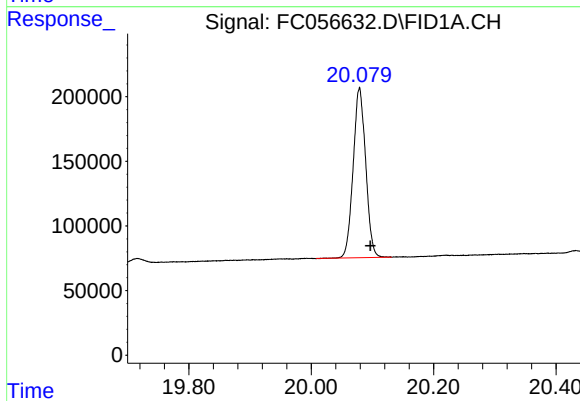
#18 n-Dotriacontane (C32)

R.T.: 18.566 min
Delta R.T.: -0.015 min
Response: 1908385
Conc: 19.92 ug/ml



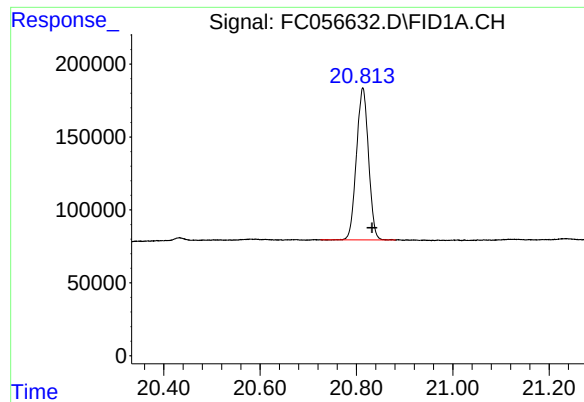
#19 n-Tetratriacontane (C34)

R.T.: 19.344 min
Delta R.T.: -0.016 min
Response: 1848325
Conc: 21.07 ug/ml



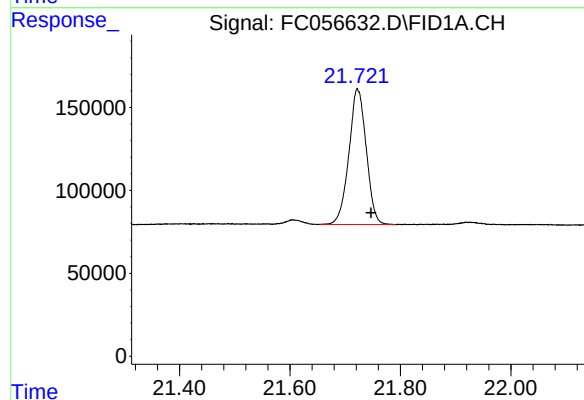
#20 n-Hexatriacontane (C36)

R.T.: 20.079 min
Delta R.T.: -0.018 min
Response: 1862866
Conc: 22.76 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.813 min
Delta R.T.: -0.019 min
Response: 1817896
Conc: 22.73 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.723 min
Delta R.T.: -0.024 min
Response: 1783878
Conc: 21.65 ug/ml