

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101421AL\
 Data File : FC056175.D
 Signal(s) : FID1A.CH
 Acq On : 14 Oct 2021 11:04
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 15 01:09:25 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)	11.639	2037896	17.174 ug/ml
Spiked Amount 50.000		Recovery =	34.35%
12) S 1-chlorooctadecane (S...	13.070	1575593	17.150 ug/ml
Spiked Amount 50.000		Recovery =	34.30%
Target Compounds			
1) T n-Nonane (C9)	3.389	2138700	20.042 ug/ml
2) T n-Decane (C10)	4.457	2140434	20.024 ug/ml
3) T A~Naphthalene (C11.7)	6.052	2304105	19.150 ug/ml
4) T n-Dodecane (C12)	6.478	2114643	19.483 ug/ml
5) T A~2-methylnaphthalene...	7.110	2261953	18.621 ug/ml
6) T n-Tetradecane (C14)	8.274	2061884	18.637 ug/ml
7) T n-Hexadecane (C16)	9.875	1994359	18.017 ug/ml
8) T n-Octadecane (C18)	11.316	1977735	17.671 ug/ml
10) T n-Eicosane (C20)	12.624	1895389	17.353 ug/ml
11) T n-Heneicosane (C21)	13.236	1884185	17.330 ug/ml
13) T n-Docosane (C22)	13.821	1849623	17.319 ug/ml
14) T n-Tetracosane (C24)	14.922	1838357	17.580 ug/ml
15) T n-Hexacosane (C26)	15.941	1813660	18.051 ug/ml
16) T n-Octacosane (C28)	16.887	1820536	18.821 ug/ml
17) T n-Tricontane (C30)	17.773	1841635	19.848 ug/ml
18) T n-Dotriacontane (C32)	18.601	1839710	20.693 ug/ml
19) T n-Tetratriacontane (C34)	19.382	1803578	20.853 ug/ml
20) T n-Hexatriacontane (C36)	20.117	1859567	22.760 ug/ml
21) T n-Octatriacontane (C38)	20.858	1564950	19.639 ug/ml
22) T n-Tetracontane (C40)	21.783	1494783	18.647 ug/ml

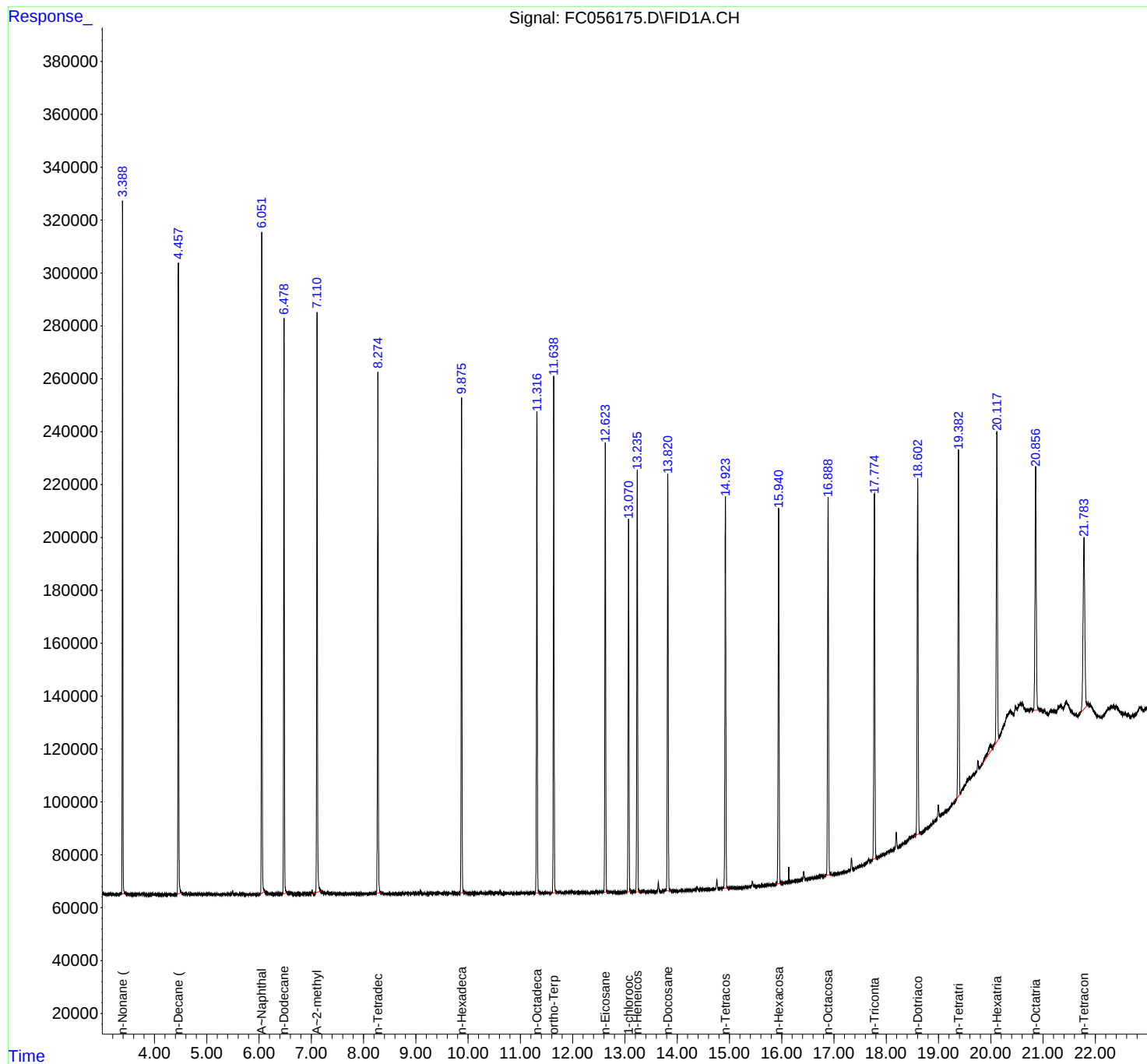
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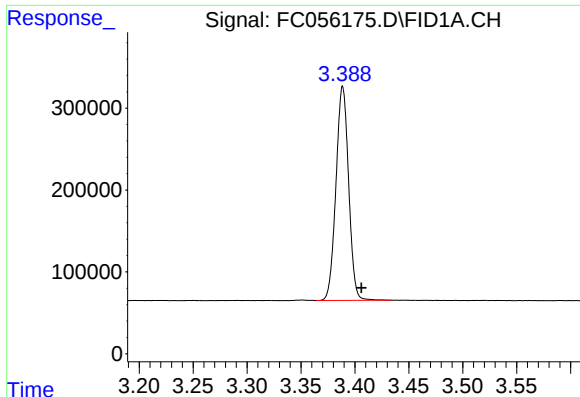
(m)=manual int.

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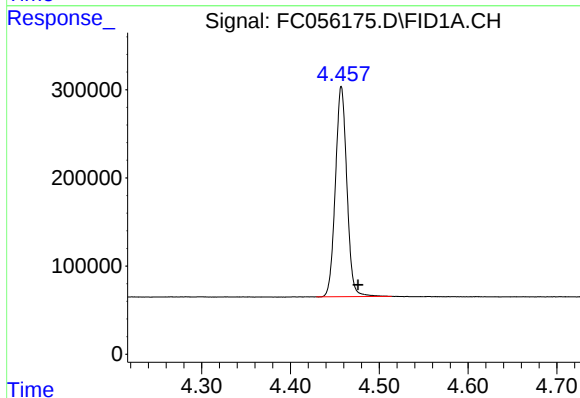
Volume Inj. : 1 uL
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





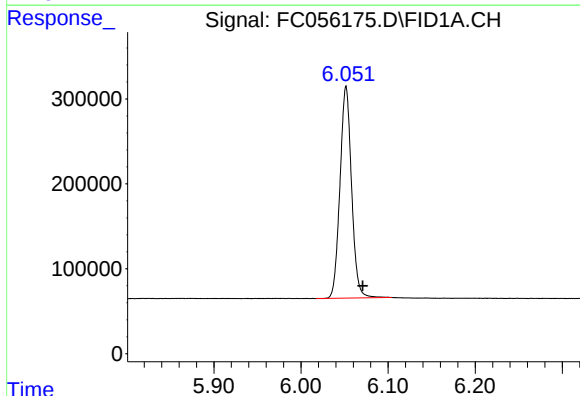
#1 n-Nonane (C9)

R.T.: 3.389 min
Delta R.T.: -0.017 min
Response: 2138700
Conc: 20.04 ug/ml



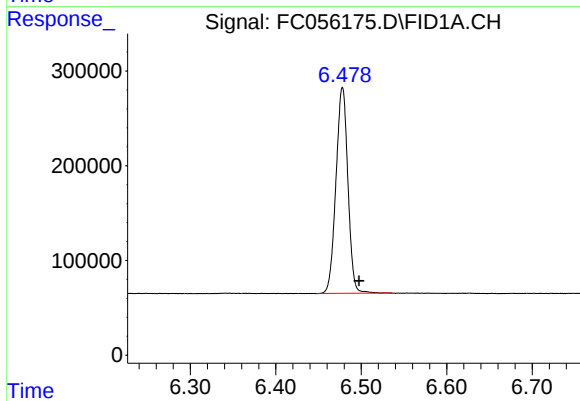
#2 n-Decane (C10)

R.T.: 4.457 min
Delta R.T.: -0.019 min
Response: 2140434
Conc: 20.02 ug/ml



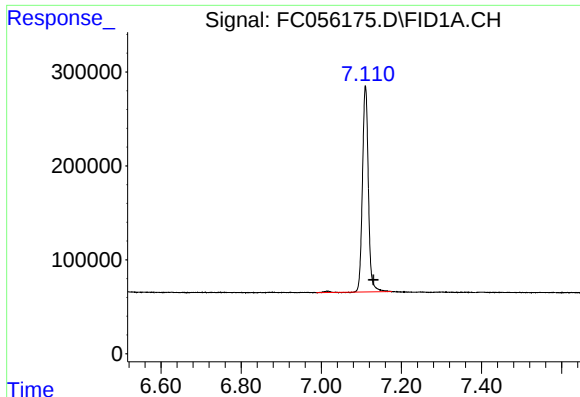
#3 A~Naphthalene (C11.7)

R.T.: 6.052 min
Delta R.T.: -0.019 min
Response: 2304105
Conc: 19.15 ug/ml



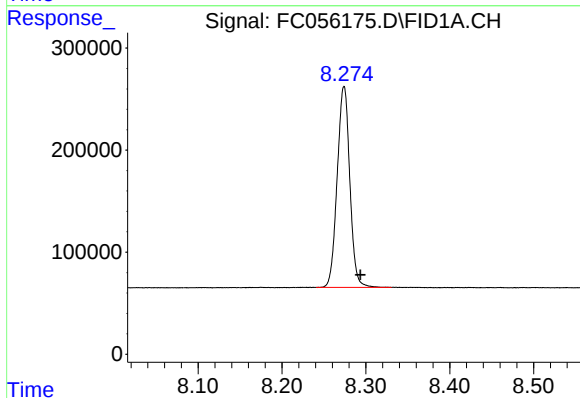
#4 n-Dodecane (C12)

R.T.: 6.478 min
Delta R.T.: -0.019 min
Response: 2114643
Conc: 19.48 ug/ml



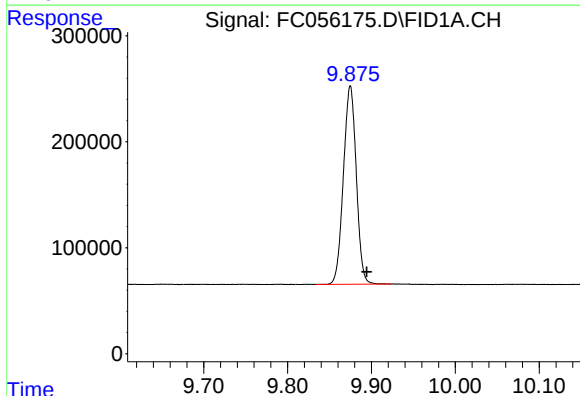
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.110 min
Delta R.T.: -0.020 min
Response: 2261953
Conc: 18.62 ug/ml



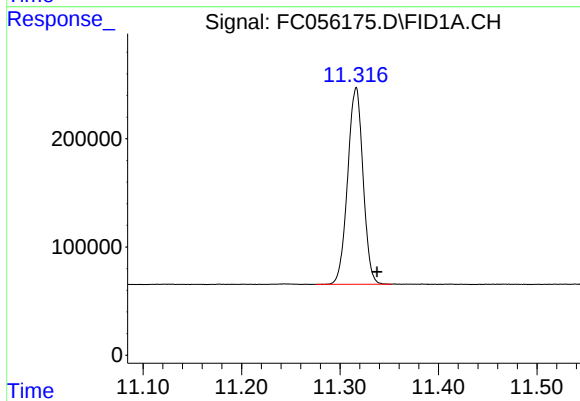
#6 n-Tetradecane (C14)

R.T.: 8.274 min
Delta R.T.: -0.020 min
Response: 2061884
Conc: 18.64 ug/ml



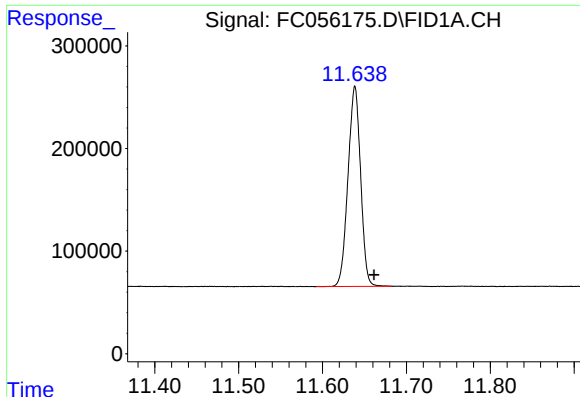
#7 n-Hexadecane (C16)

R.T.: 9.875 min
Delta R.T.: -0.020 min
Response: 1994359
Conc: 18.02 ug/ml



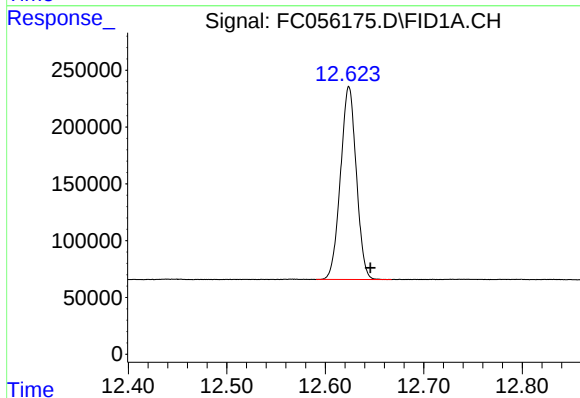
#8 n-Octadecane (C18)

R.T.: 11.316 min
Delta R.T.: -0.022 min
Response: 1977735
Conc: 17.67 ug/ml



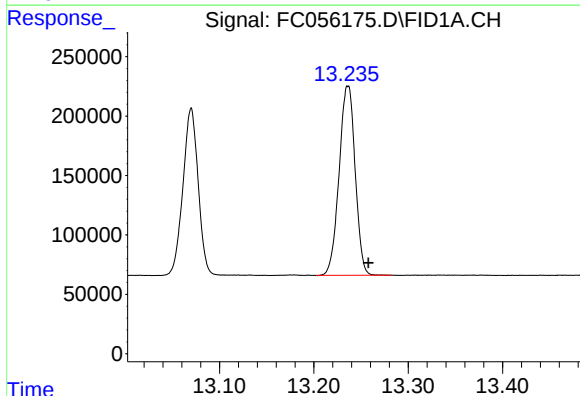
#9 ortho-Terphenyl (SURR)

R.T.: 11.639 min
Delta R.T.: -0.023 min
Response: 2037896
Conc: 17.17 ug/ml



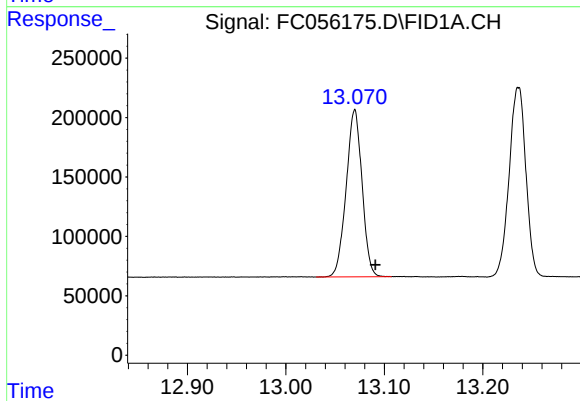
#10 n-Eicosane (C20)

R.T.: 12.624 min
Delta R.T.: -0.022 min
Response: 1895389
Conc: 17.35 ug/ml



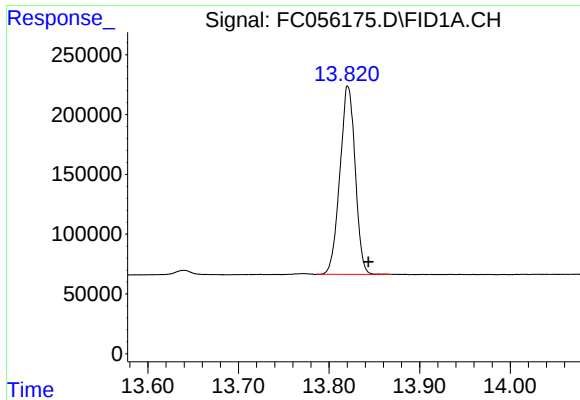
#11 n-Heneicosane (C21)

R.T.: 13.236 min
Delta R.T.: -0.022 min
Response: 1884185
Conc: 17.33 ug/ml



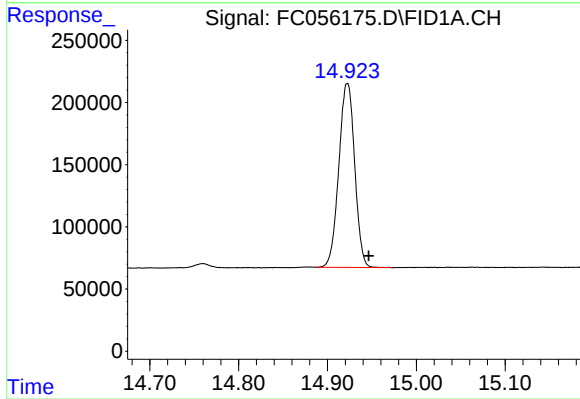
#12 1-chlorooctadecane (SURR)

R.T.: 13.070 min
Delta R.T.: -0.021 min
Response: 1575593
Conc: 17.15 ug/ml



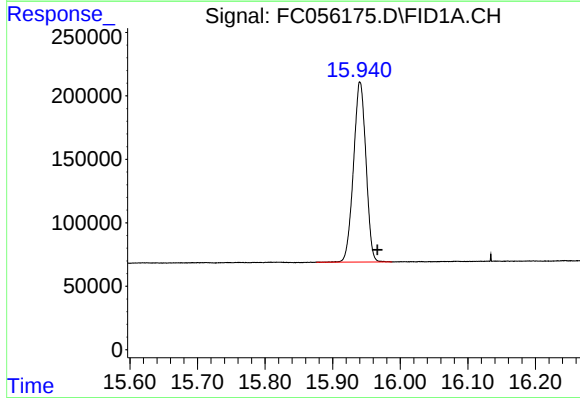
#13 n-Docosane (C22)

R.T.: 13.821 min
Delta R.T.: -0.022 min
Response: 1849623
Conc: 17.32 ug/ml



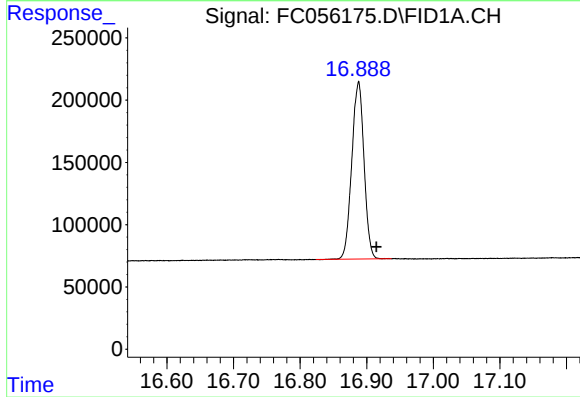
#14 n-Tetracosane (C24)

R.T.: 14.922 min
Delta R.T.: -0.024 min
Response: 1838357
Conc: 17.58 ug/ml



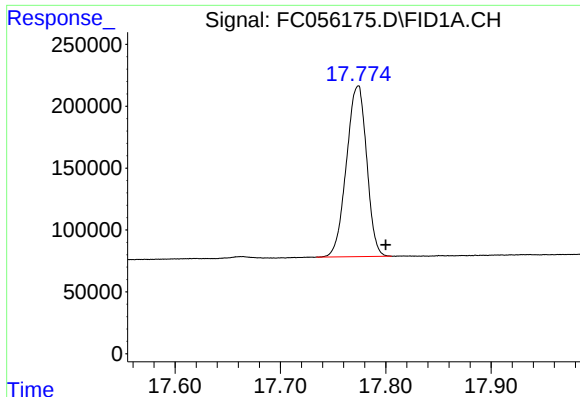
#15 n-Hexacosane (C26)

R.T.: 15.941 min
Delta R.T.: -0.026 min
Response: 1813660
Conc: 18.05 ug/ml



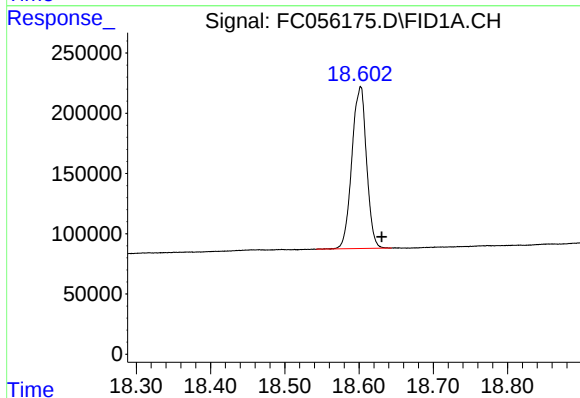
#16 n-Octacosane (C28)

R.T.: 16.887 min
Delta R.T.: -0.027 min
Response: 1820536
Conc: 18.82 ug/ml



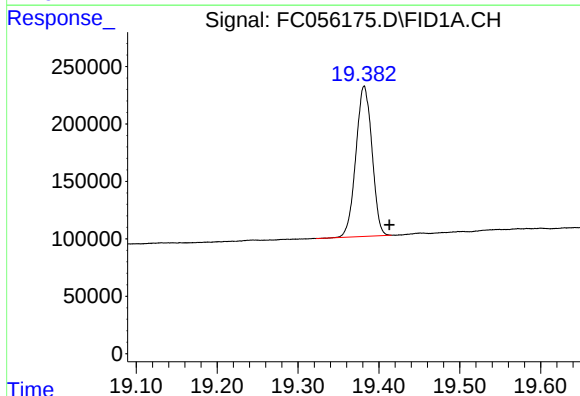
#17 n-Tricontane (C30)

R.T.: 17.773 min
Delta R.T.: -0.027 min
Response: 1841635
Conc: 19.85 ug/ml



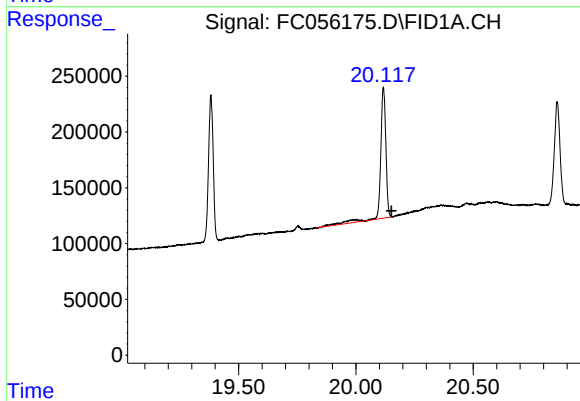
#18 n-Dotriacontane (C32)

R.T.: 18.601 min
Delta R.T.: -0.029 min
Response: 1839710
Conc: 20.69 ug/ml



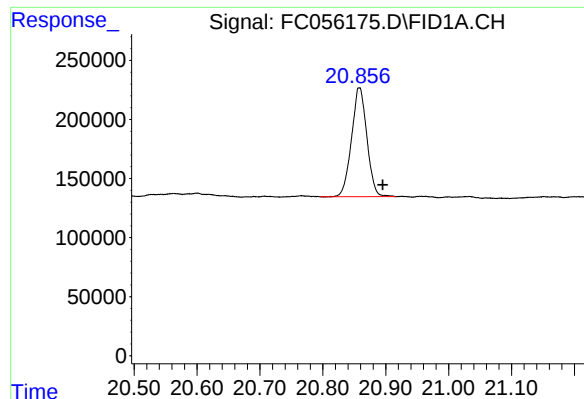
#19 n-Tetratriacontane (C34)

R.T.: 19.382 min
Delta R.T.: -0.031 min
Response: 1803578
Conc: 20.85 ug/ml



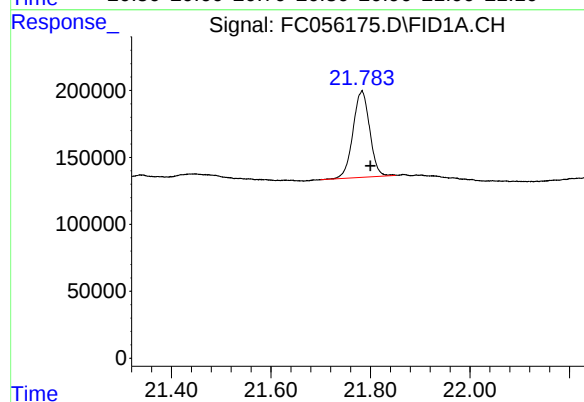
#20 n-Hexatriacontane (C36)

R.T.: 20.117 min
Delta R.T.: -0.034 min
Response: 1859567
Conc: 22.76 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.858 min
Delta R.T.: -0.037 min
Response: 1564950
Conc: 19.64 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.783 min
Delta R.T.: -0.017 min
Response: 1494783
Conc: 18.65 ug/ml