

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091021AL\
 Data File : FC055569.D
 Signal(s) : FID1A.CH
 Acq On : 10 Sep 2021 10:46
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 10 22:53:36 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 083021.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 31 01:45:39 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)	11.650	2512314	20.110 ug/ml
Spiked Amount 50.000		Recovery =	40.22%
12) S 1-chlorooctadecane (S...	13.083	1940146	19.604 ug/ml
Spiked Amount 50.000		Recovery =	39.21%
Target Compounds			
1) T n-Nonane (C9)	3.397	2404530	22.245 ug/ml
2) T n-Decane (C10)	4.466	2465526	22.611 ug/ml
3) T A~Naphthalene (C11.7)	6.058	2750389	22.321 ug/ml
4) T n-Dodecane (C12)	6.488	2472535	22.581 ug/ml
5) T A~2-methylnaphthalene...	7.116	2762425	22.198 ug/ml
6) T n-Tetradecane (C14)	8.285	2483426	22.298 ug/ml
7) T n-Hexadecane (C16)	9.886	2458500	21.754 ug/ml
8) T n-Octadecane (C18)	11.329	2452775	21.067 ug/ml
10) T n-Eicosane (C20)	12.638	2348190	20.096 ug/ml
11) T n-Heneicosane (C21)	13.249	2320158	19.713 ug/ml
13) T n-Docosane (C22)	13.835	2252250	19.308 ug/ml
14) T n-Tetracosane (C24)	14.938	2155684	18.510 ug/ml
15) T n-Hexacosane (C26)	15.957	2030864	17.927 ug/ml
16) T n-Octacosane (C28)	16.905	1953955	17.658 ug/ml
17) T n-Tricontane (C30)	17.792	1881255	17.692 ug/ml
18) T n-Dotriacontane (C32)	18.623	1836297	18.323 ug/ml
19) T n-Tetratriacontane (C34)	19.405	1833415	19.426 ug/ml
20) T n-Hexatriacontane (C36)	20.142	1780606	20.508 ug/ml
21) T n-Octatriacontane (C38)	20.888	1738389	21.328 ug/ml
22) T n-Tetracontane (C40)	21.817	1790158	22.289 ug/ml

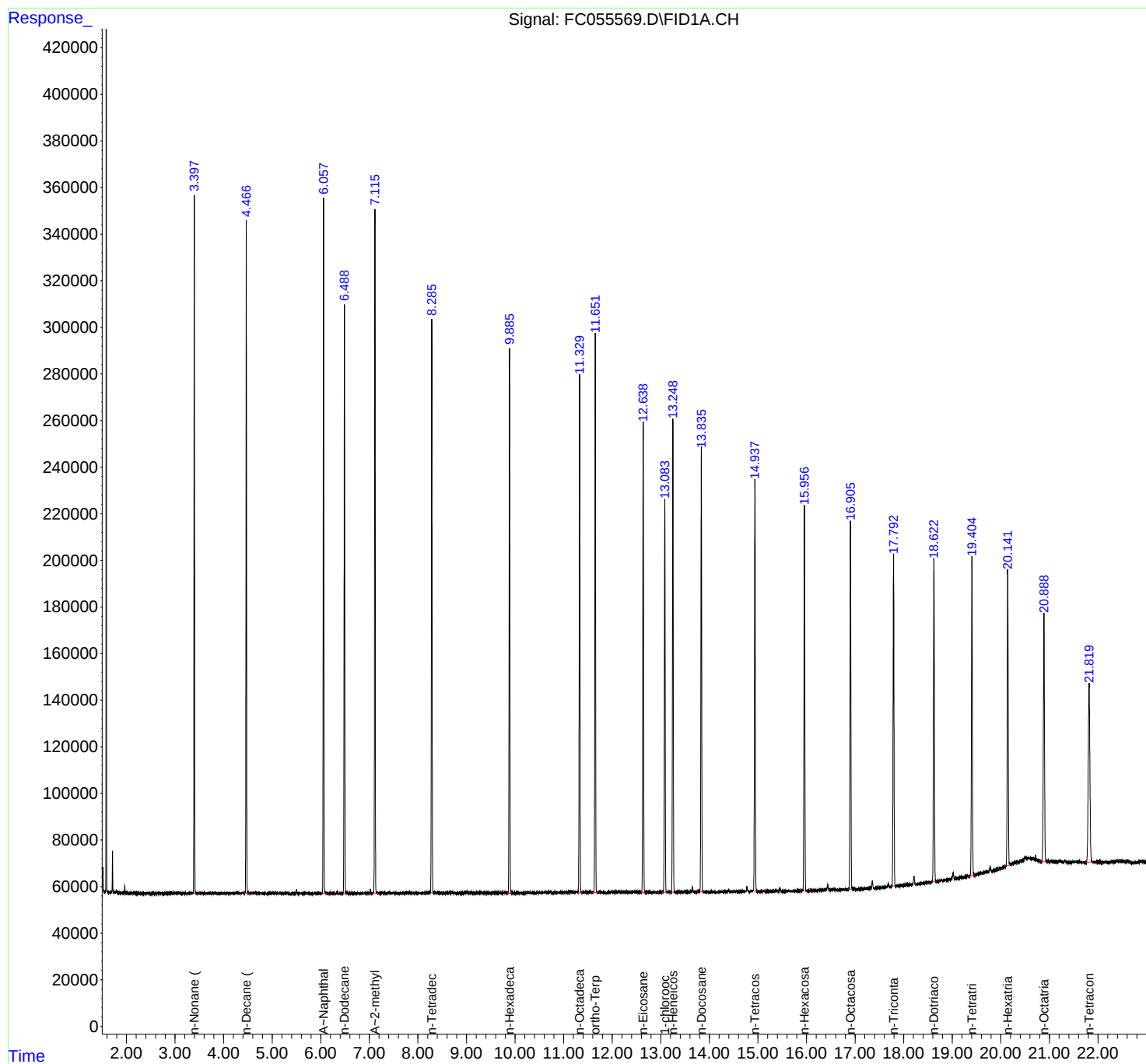
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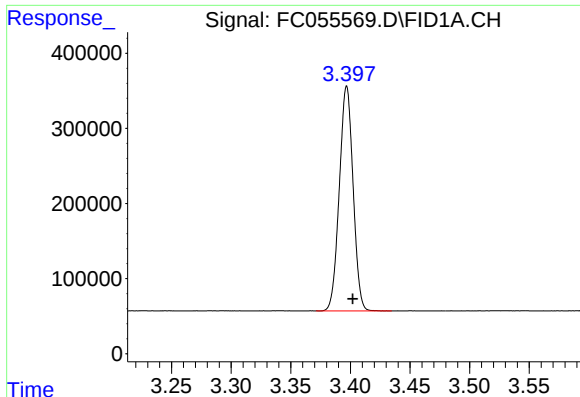
(m)=manual int.

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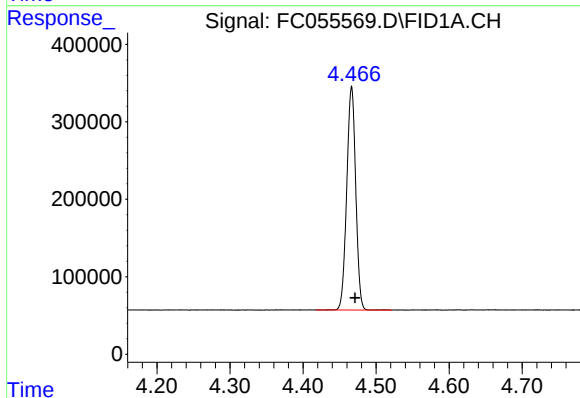
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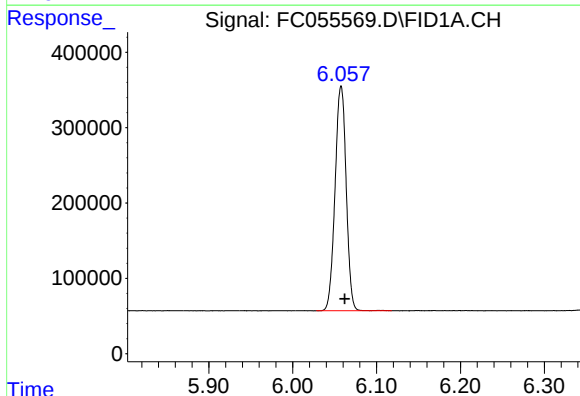
#1 n-Nonane (C9)

R.T.: 3.397 min
Delta R.T.: -0.005 min
Response: 2404530
Conc: 22.24 ug/ml



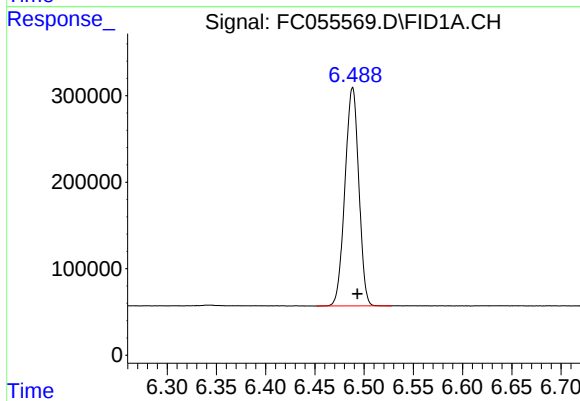
#2 n-Decane (C10)

R.T.: 4.466 min
Delta R.T.: -0.005 min
Response: 2465526
Conc: 22.61 ug/ml



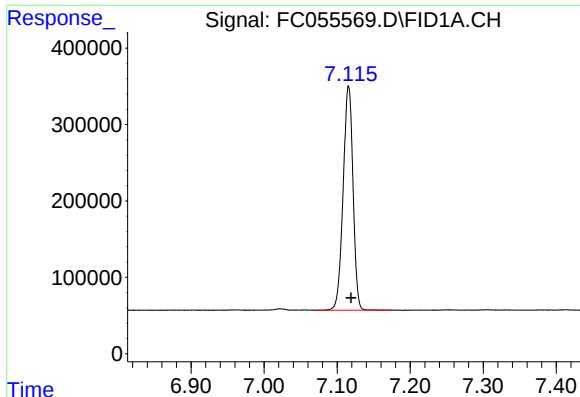
#3 A~Naphthalene (C11.7)

R.T.: 6.058 min
Delta R.T.: -0.004 min
Response: 2750389
Conc: 22.32 ug/ml



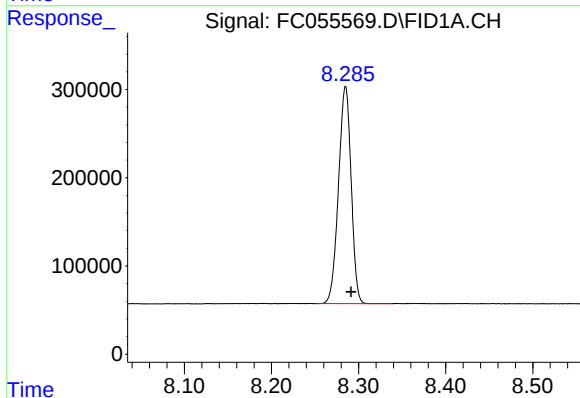
#4 n-Dodecane (C12)

R.T.: 6.488 min
Delta R.T.: -0.005 min
Response: 2472535
Conc: 22.58 ug/ml



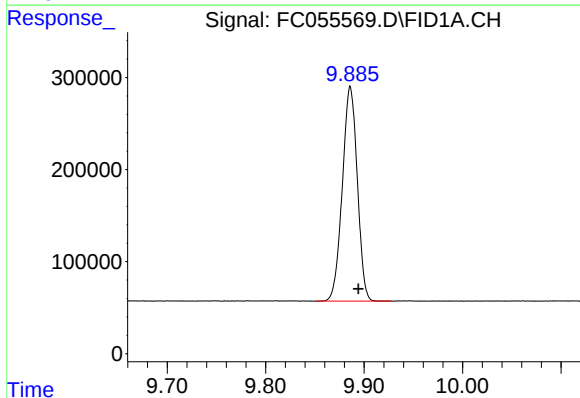
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.116 min
Delta R.T.: -0.004 min
Response: 2762425
Conc: 22.20 ug/ml



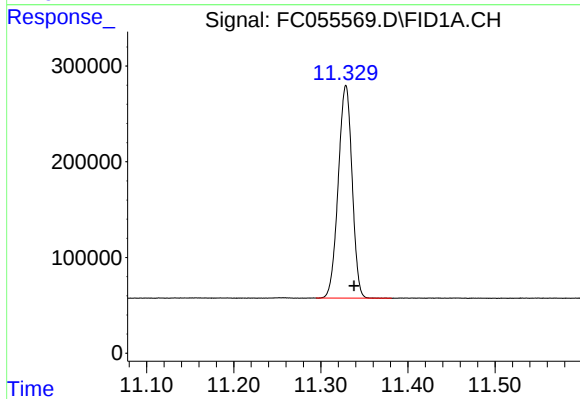
#6 n-Tetradecane (C14)

R.T.: 8.285 min
Delta R.T.: -0.006 min
Response: 2483426
Conc: 22.30 ug/ml



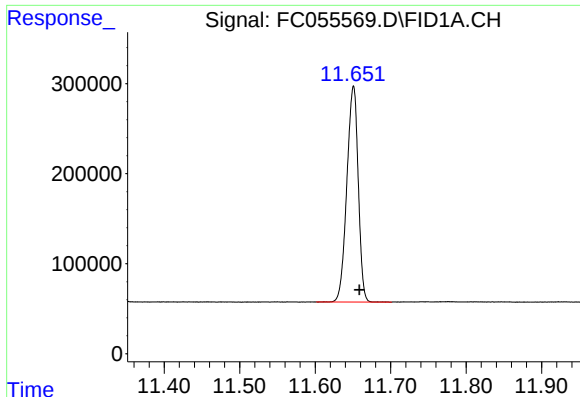
#7 n-Hexadecane (C16)

R.T.: 9.886 min
Delta R.T.: -0.008 min
Response: 2458500
Conc: 21.75 ug/ml



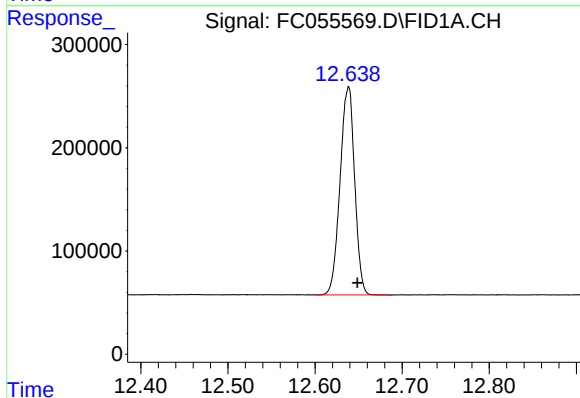
#8 n-Octadecane (C18)

R.T.: 11.329 min
Delta R.T.: -0.010 min
Response: 2452775
Conc: 21.07 ug/ml



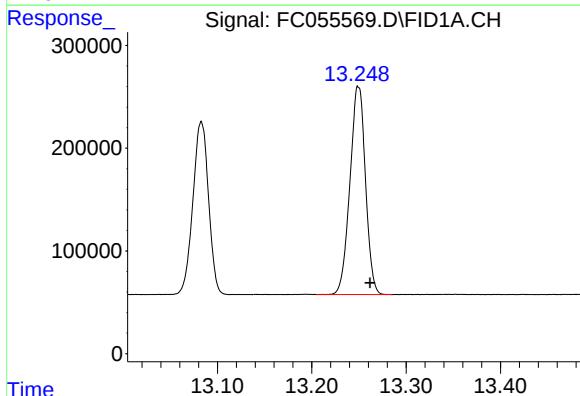
#9 ortho-Terphenyl (SURR)

R.T.: 11.650 min
Delta R.T.: -0.008 min
Response: 2512314
Conc: 20.11 ug/ml



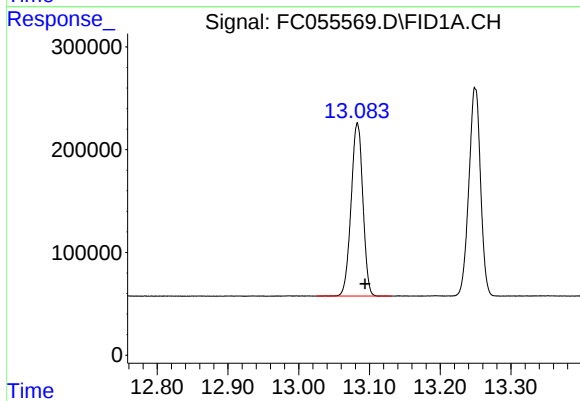
#10 n-Eicosane (C20)

R.T.: 12.638 min
Delta R.T.: -0.011 min
Response: 2348190
Conc: 20.10 ug/ml



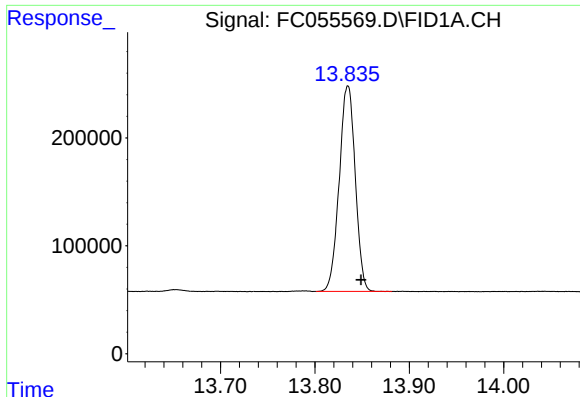
#11 n-Heneicosane (C21)

R.T.: 13.249 min
Delta R.T.: -0.013 min
Response: 2320158
Conc: 19.71 ug/ml



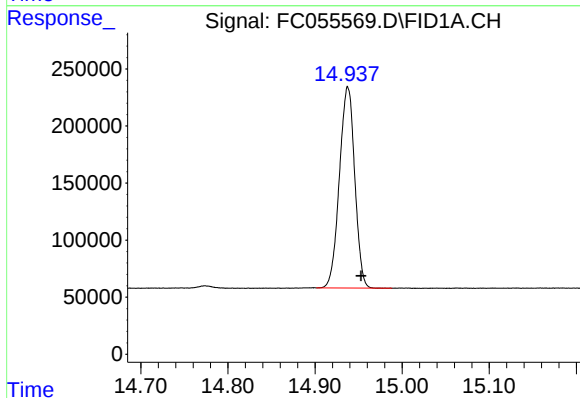
#12 1-chlorooctadecane (SURR)

R.T.: 13.083 min
Delta R.T.: -0.011 min
Response: 1940146
Conc: 19.60 ug/ml



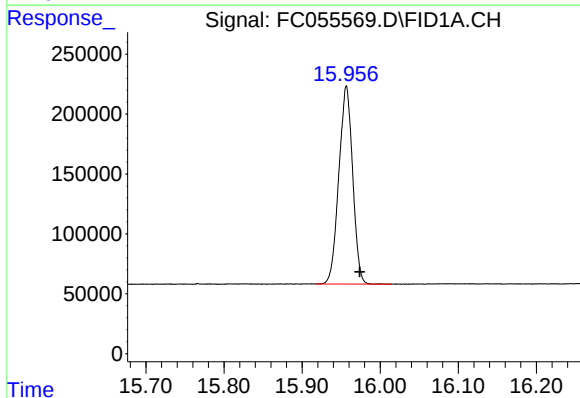
#13 n-Docosane (C22)

R.T.: 13.835 min
Delta R.T.: -0.014 min
Response: 2252250
Conc: 19.31 ug/ml



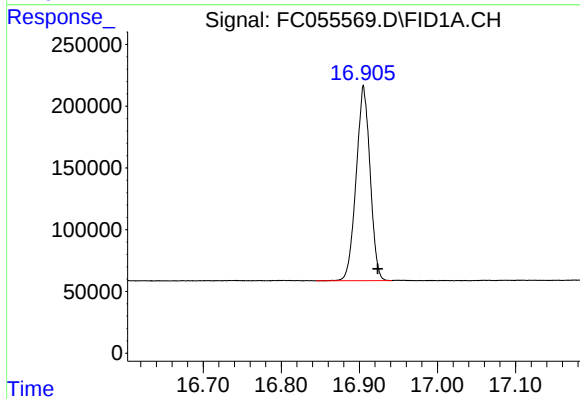
#14 n-Tetracosane (C24)

R.T.: 14.938 min
Delta R.T.: -0.015 min
Response: 2155684
Conc: 18.51 ug/ml



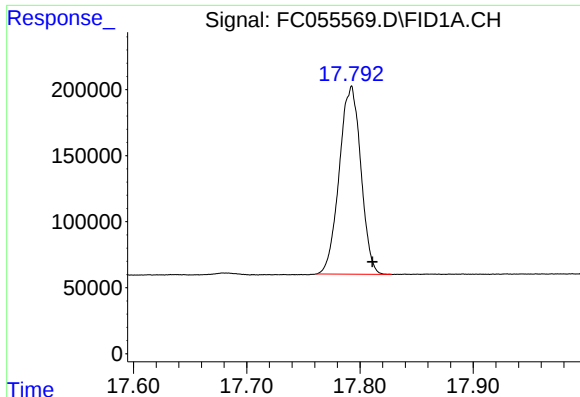
#15 n-Hexacosane (C26)

R.T.: 15.957 min
Delta R.T.: -0.017 min
Response: 2030864
Conc: 17.93 ug/ml



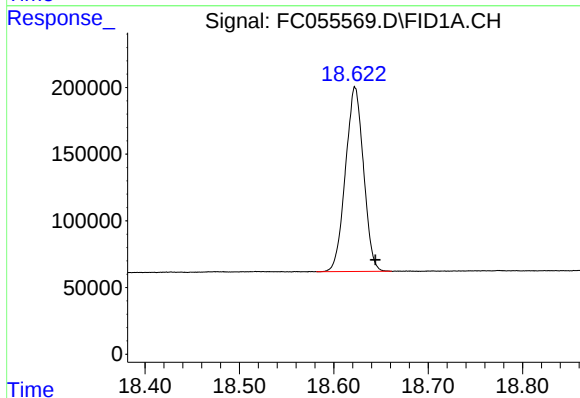
#16 n-Octacosane (C28)

R.T.: 16.905 min
Delta R.T.: -0.018 min
Response: 1953955
Conc: 17.66 ug/ml



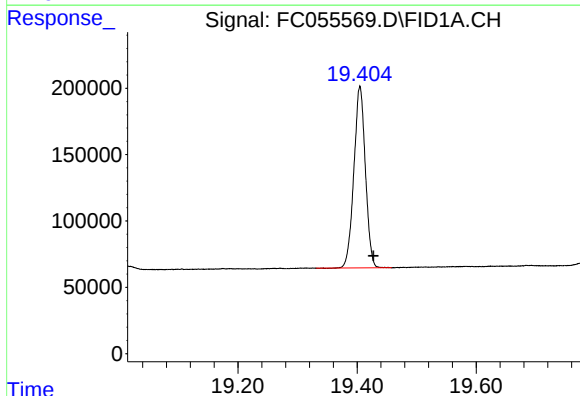
#17 n-Tricontane (C30)

R.T.: 17.792 min
Delta R.T.: -0.019 min
Response: 1881255
Conc: 17.69 ug/ml



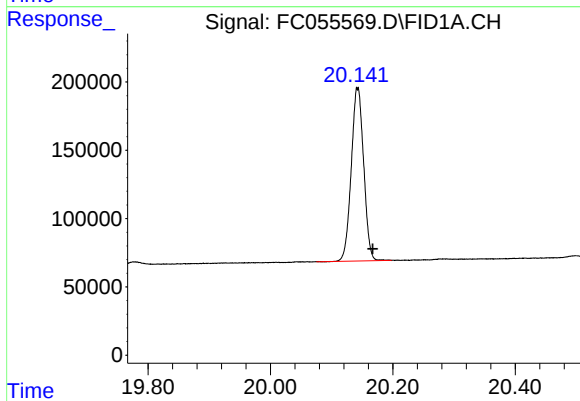
#18 n-Dotriacontane (C32)

R.T.: 18.623 min
Delta R.T.: -0.021 min
Response: 1836297
Conc: 18.32 ug/ml



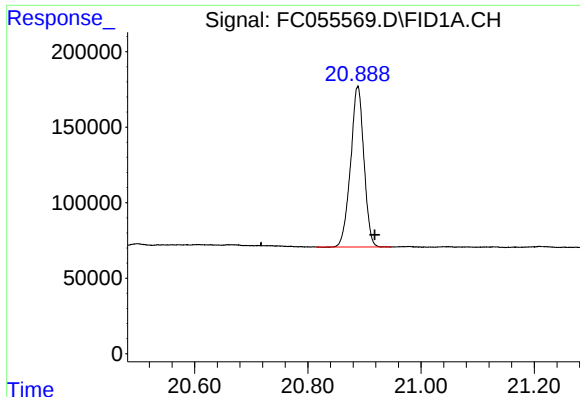
#19 n-Tetratriacontane (C34)

R.T.: 19.405 min
Delta R.T.: -0.022 min
Response: 1833415
Conc: 19.43 ug/ml



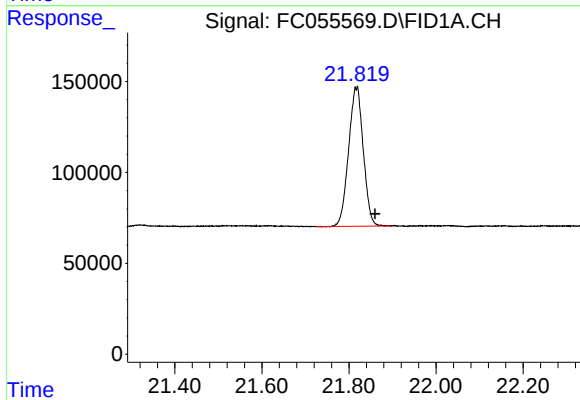
#20 n-Hexatriacontane (C36)

R.T.: 20.142 min
Delta R.T.: -0.025 min
Response: 1780606
Conc: 20.51 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.888 min
Delta R.T.: -0.030 min
Response: 1738389
Conc: 21.33 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.817 min
Delta R.T.: -0.043 min
Response: 1790158
Conc: 22.29 ug/ml