

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100521AL\
 Data File : FC055980.D
 Signal(s) : FID1A.CH
 Acq On : 05 Oct 2021 10:03
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 05 12:16:49 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)	11.651	2019448	17.019 ug/ml
Spiked Amount 50.000		Recovery =	34.04%
12) S 1-chlorooctadecane (S...	13.083	1561819	17.000 ug/ml
Spiked Amount 50.000		Recovery =	34.00%
Target Compounds			
1) T n-Nonane (C9)	3.395	2115742	19.827 ug/ml
2) T n-Decane (C10)	4.466	2105497	19.697 ug/ml
3) T A~Naphthalene (C11.7)	6.062	2289611	19.029 ug/ml
4) T n-Dodecane (C12)	6.488	2075016	19.117 ug/ml
5) T A~2-methylnaphthalene...	7.120	2233343	18.385 ug/ml
6) T n-Tetradecane (C14)	8.285	2031979	18.366 ug/ml
7) T n-Hexadecane (C16)	9.885	1968705	17.786 ug/ml
8) T n-Octadecane (C18)	11.327	1949200	17.416 ug/ml
10) T n-Eicosane (C20)	12.637	1874441	17.161 ug/ml
11) T n-Heneicosane (C21)	13.249	1860137	17.109 ug/ml
13) T n-Docosane (C22)	13.835	1831918	17.153 ug/ml
14) T n-Tetracosane (C24)	14.936	1817202	17.378 ug/ml
15) T n-Hexacosane (C26)	15.955	1789353	17.809 ug/ml
16) T n-Octacosane (C28)	16.903	1800433	18.613 ug/ml
17) T n-Tricontane (C30)	17.790	1804956	19.453 ug/ml
18) T n-Dotriacontane (C32)	18.621	1788581	20.117 ug/ml
19) T n-Tetratriacontane (C34)	19.403	1786123	20.652 ug/ml
20) T n-Hexatriacontane (C36)	20.141	1750040	21.420 ug/ml
21) T n-Octatriacontane (C38)	20.884	1676264	21.035 ug/ml
22) T n-Tetracontane (C40)	21.814	1653877	20.632 ug/ml

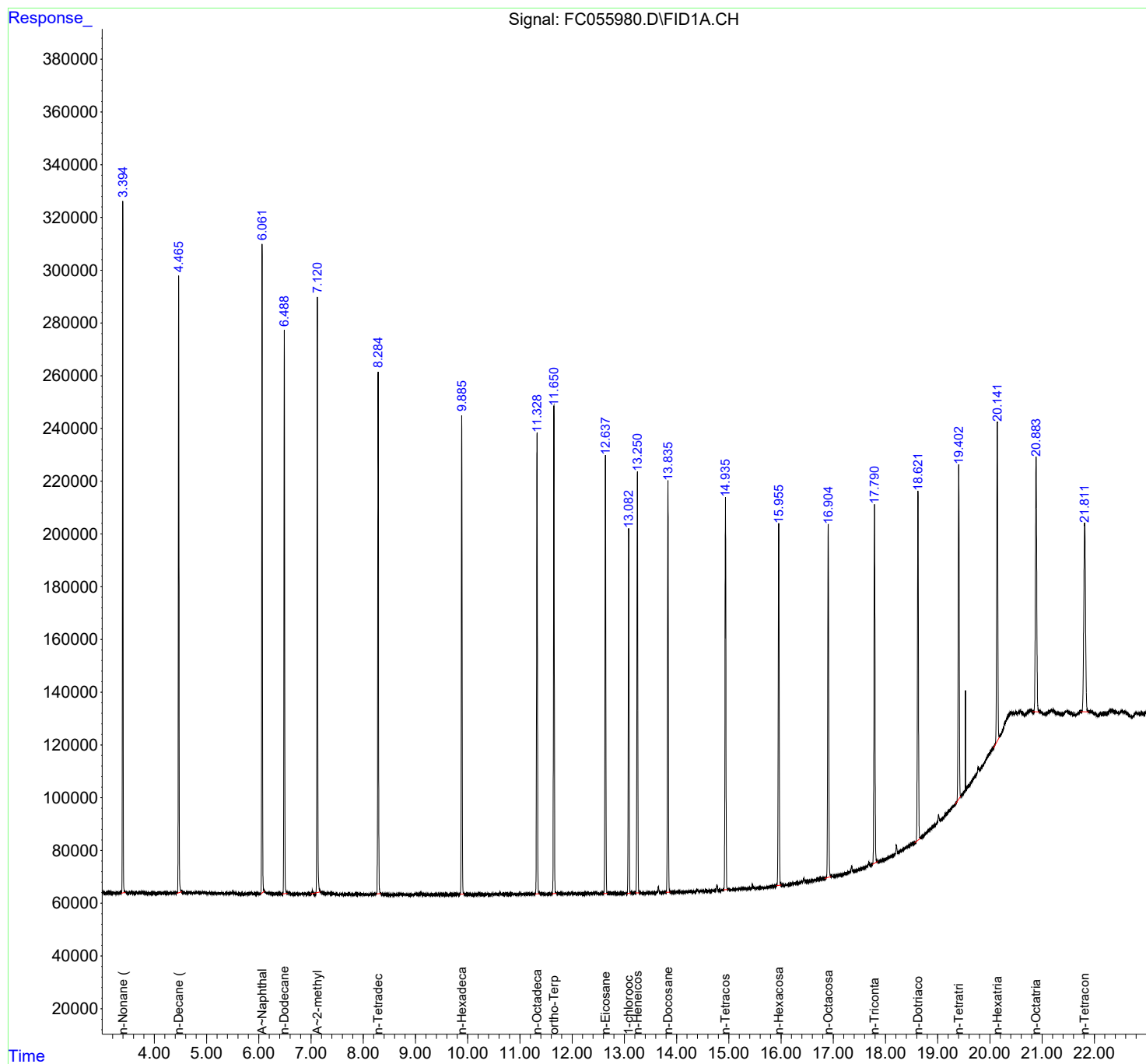
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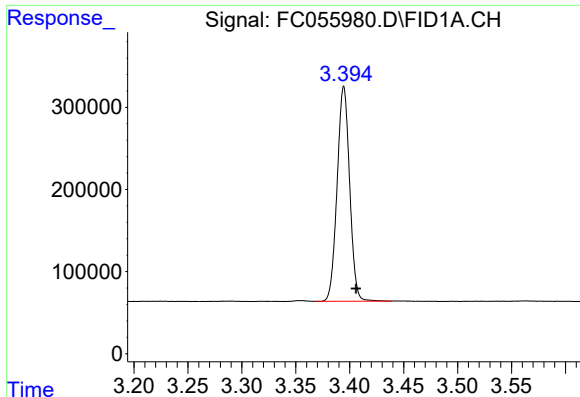
(m)=manual int.

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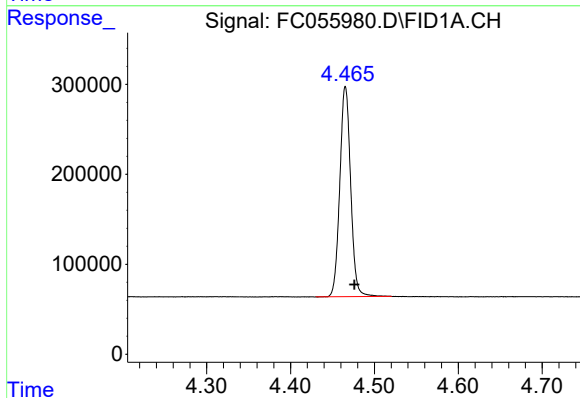
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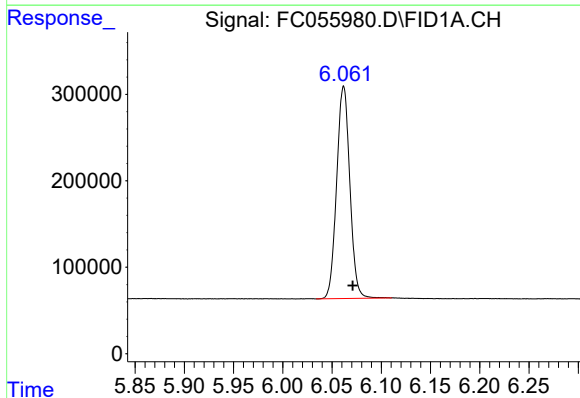
#1 n-Nonane (C9)

R.T.: 3.395 min
Delta R.T.: -0.011 min
Response: 2115742
Conc: 19.83 ug/ml



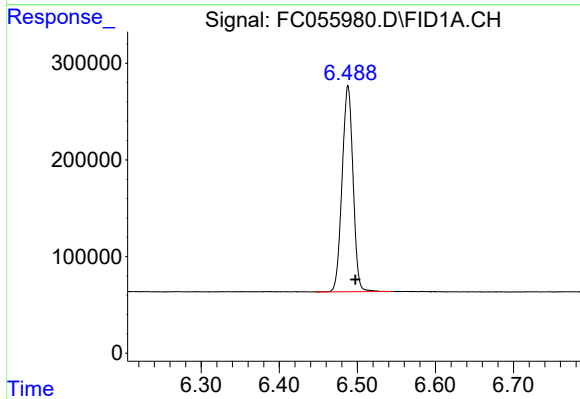
#2 n-Decane (C10)

R.T.: 4.466 min
Delta R.T.: -0.011 min
Response: 2105497
Conc: 19.70 ug/ml



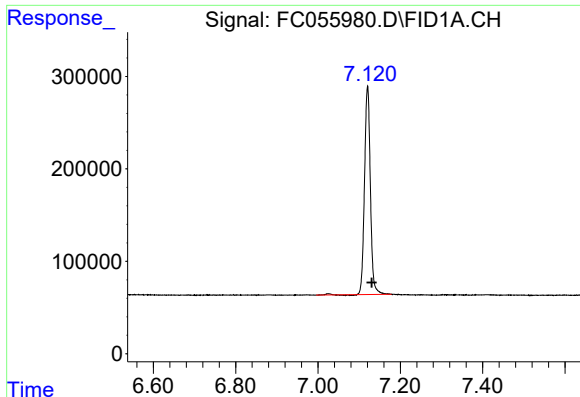
#3 A~Naphthalene (C11.7)

R.T.: 6.062 min
Delta R.T.: -0.009 min
Response: 2289611
Conc: 19.03 ug/ml



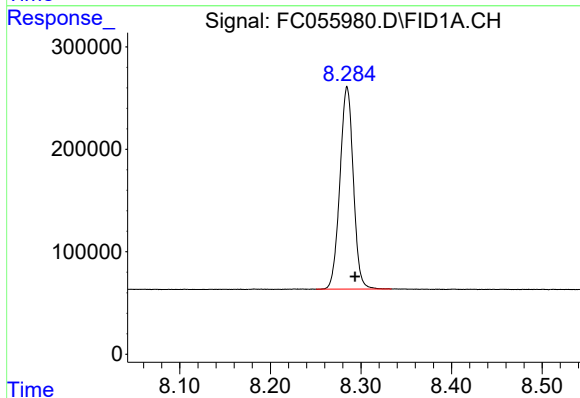
#4 n-Dodecane (C12)

R.T.: 6.488 min
Delta R.T.: -0.009 min
Response: 2075016
Conc: 19.12 ug/ml



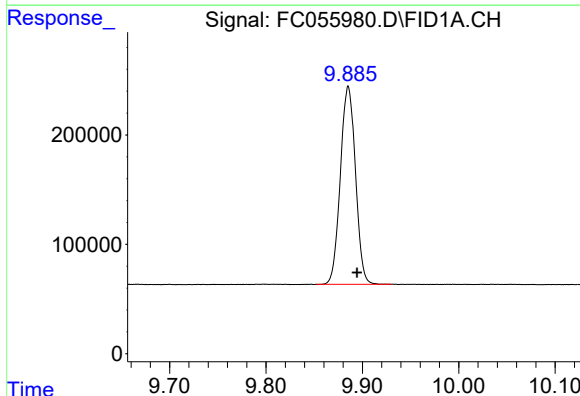
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.120 min
Delta R.T.: -0.010 min
Response: 2233343
Conc: 18.39 ug/ml



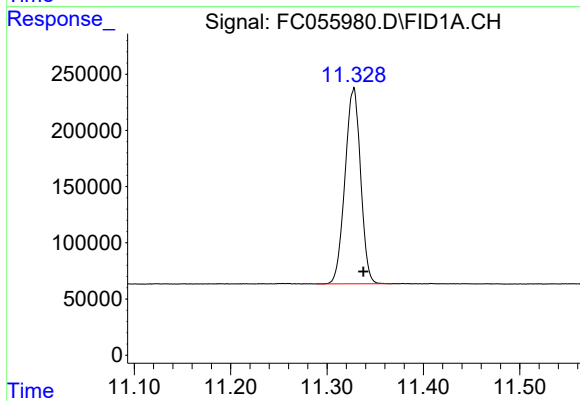
#6 n-Tetradecane (C14)

R.T.: 8.285 min
Delta R.T.: -0.009 min
Response: 2031979
Conc: 18.37 ug/ml



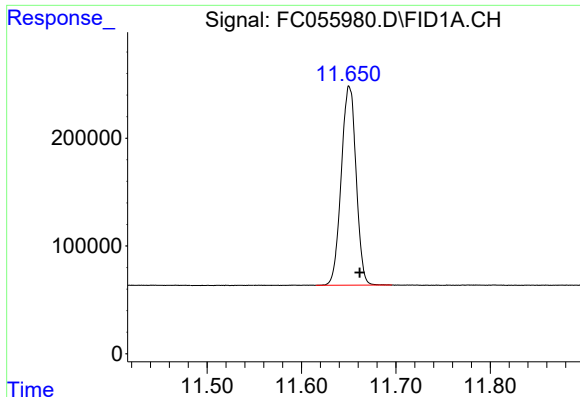
#7 n-Hexadecane (C16)

R.T.: 9.885 min
Delta R.T.: -0.009 min
Response: 1968705
Conc: 17.79 ug/ml



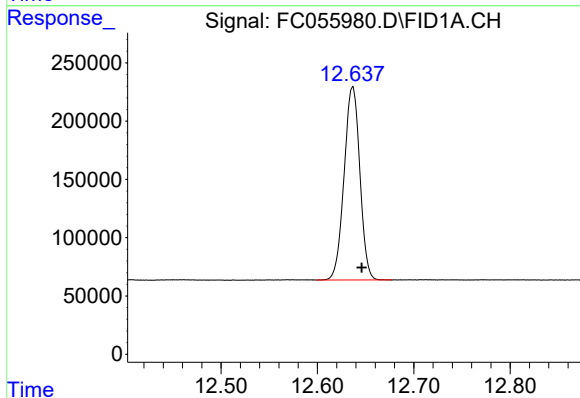
#8 n-Octadecane (C18)

R.T.: 11.327 min
Delta R.T.: -0.010 min
Response: 1949200
Conc: 17.42 ug/ml



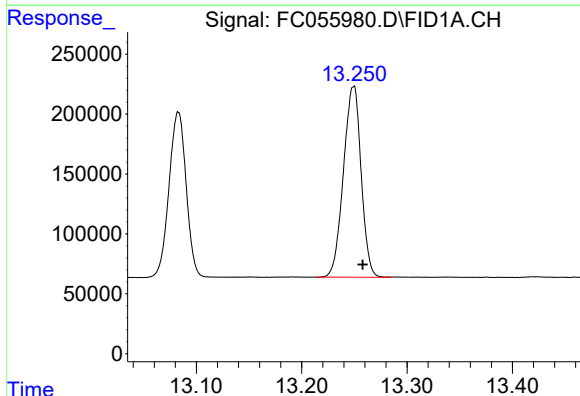
#9 ortho-Terphenyl (SURR)

R.T.: 11.651 min
Delta R.T.: -0.011 min
Response: 2019448
Conc: 17.02 ug/ml



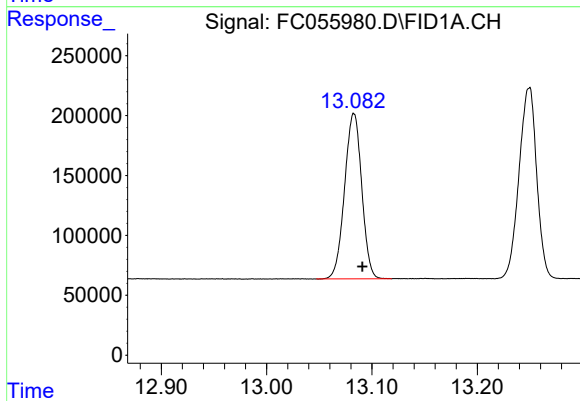
#10 n-Eicosane (C20)

R.T.: 12.637 min
Delta R.T.: -0.009 min
Response: 1874441
Conc: 17.16 ug/ml



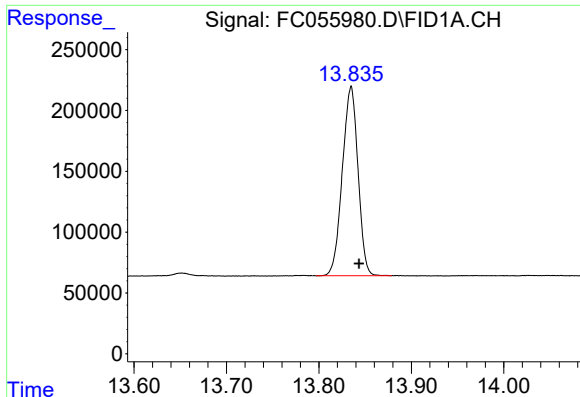
#11 n-Heneicosane (C21)

R.T.: 13.249 min
Delta R.T.: -0.009 min
Response: 1860137
Conc: 17.11 ug/ml



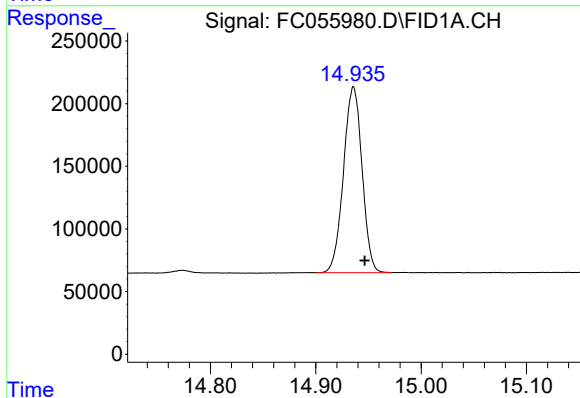
#12 1-chlorooctadecane (SURR)

R.T.: 13.083 min
Delta R.T.: -0.008 min
Response: 1561819
Conc: 17.00 ug/ml



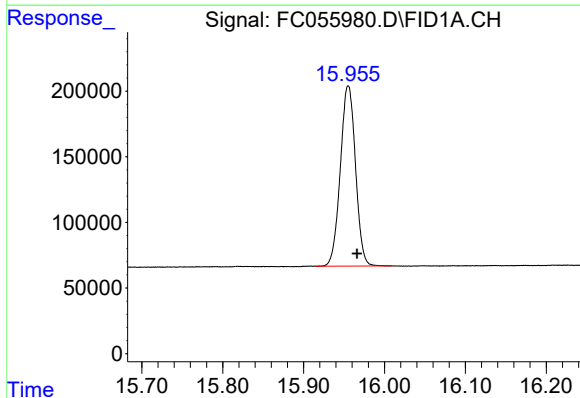
#13 n-Docosane (C22)

R.T.: 13.835 min
Delta R.T.: -0.009 min
Response: 1831918
Conc: 17.15 ug/ml



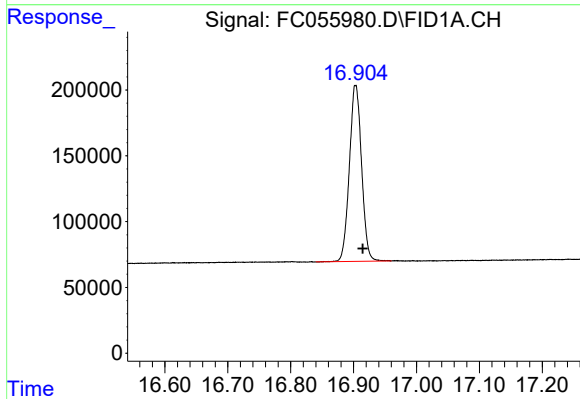
#14 n-Tetracosane (C24)

R.T.: 14.936 min
Delta R.T.: -0.011 min
Response: 1817202
Conc: 17.38 ug/ml



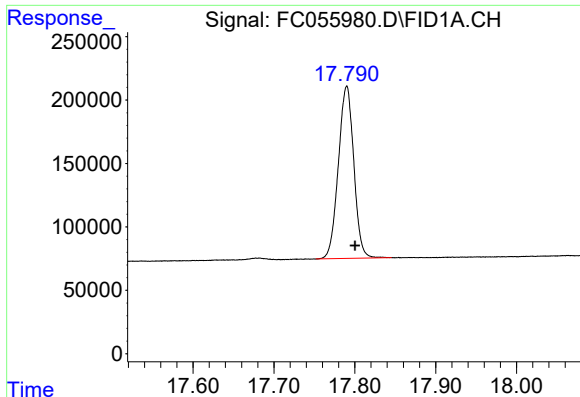
#15 n-Hexacosane (C26)

R.T.: 15.955 min
Delta R.T.: -0.011 min
Response: 1789353
Conc: 17.81 ug/ml



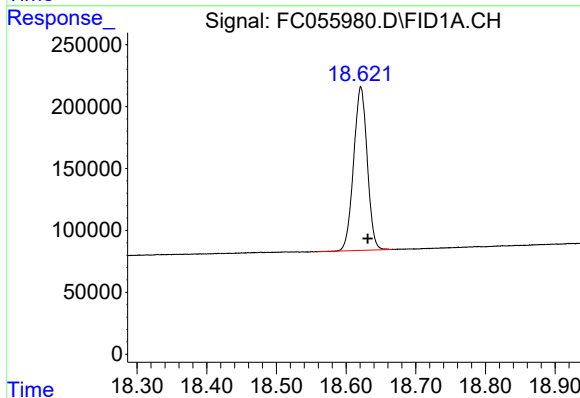
#16 n-Octacosane (C28)

R.T.: 16.903 min
Delta R.T.: -0.011 min
Response: 1800433
Conc: 18.61 ug/ml



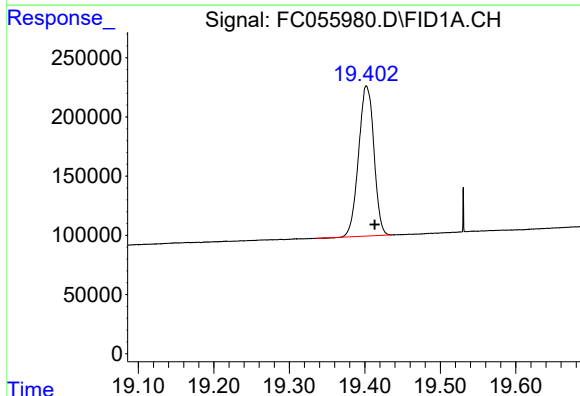
#17 n-Tricontane (C30)

R.T.: 17.790 min
Delta R.T.: -0.010 min
Response: 1804956
Conc: 19.45 ug/ml



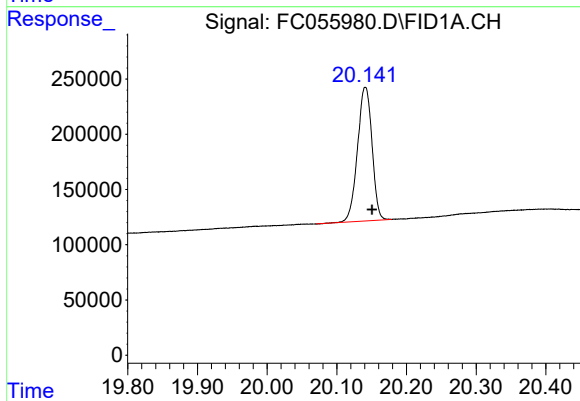
#18 n-Dotriacontane (C32)

R.T.: 18.621 min
Delta R.T.: -0.010 min
Response: 1788581
Conc: 20.12 ug/ml



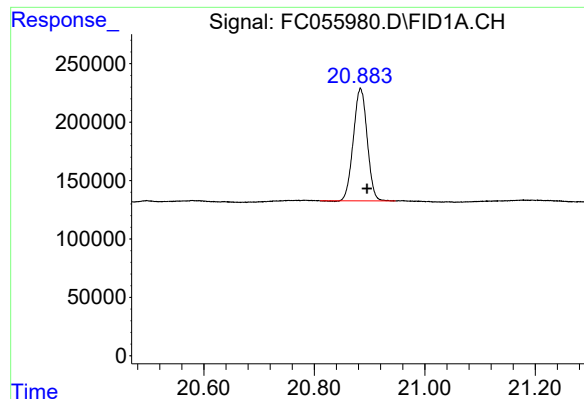
#19 n-Tetratriacontane (C34)

R.T.: 19.403 min
Delta R.T.: -0.011 min
Response: 1786123
Conc: 20.65 ug/ml



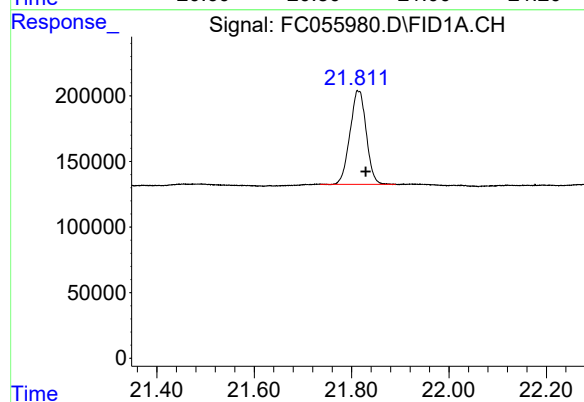
#20 n-Hexatriacontane (C36)

R.T.: 20.141 min
Delta R.T.: -0.010 min
Response: 1750040
Conc: 21.42 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.884 min
Delta R.T.: -0.012 min
Response: 1676264
Conc: 21.04 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.814 min
Delta R.T.: -0.015 min
Response: 1653877
Conc: 20.63 ug/ml