

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC123020AL\
 Data File : FC051511.D
 Signal(s) : FID1A.CH
 Acq On : 30 Dec 2020 20:57
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 31 02:23:56 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 122120.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 22 00:33:00 2020
 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)	11.564	2423165	20.907 ug/ml
Spiked Amount 50.000		Recovery =	41.81%
12) S 1-chlorooctadecane (S...	12.998	1866174	20.687 ug/ml
Spiked Amount 50.000		Recovery =	41.37%
Target Compounds			
1) T n-Nonane (C9)	3.325	2261045	22.918 ug/ml
2) T n-Decane (C10)	4.392	2292955	23.189 ug/ml
3) T A~Naphthalene (C11.7)	5.983	2406483	23.010 ug/ml
4) T n-Dodecane (C12)	6.410	2349118	22.979 ug/ml
5) T A~2-methylnaphthalene...	7.040	2406122	22.906 ug/ml
6) T n-Tetradecane (C14)	8.204	2302341	22.696 ug/ml
7) T n-Hexadecane (C16)	9.804	2231426	22.156 ug/ml
8) T n-Octadecane (C18)	11.244	2301735	21.581 ug/ml
10) T n-Eicosane (C20)	12.553	2267819	21.059 ug/ml
11) T n-Heneicosane (C21)	13.165	2220970	20.706 ug/ml
13) T n-Docosane (C22)	13.749	2210834	20.702 ug/ml
14) T n-Tetracosane (C24)	14.852	2160790	20.415 ug/ml
15) T n-Hexacosane (C26)	15.870	2109847	20.370 ug/ml
16) T n-Octacosane (C28)	16.819	2106311	20.688 ug/ml
17) T n-Tricontane (C30)	17.706	2094363	21.267 ug/ml
18) T n-Dotriacontane (C32)	18.536	2007698	22.160 ug/ml
19) T n-Tetratriacontane (C34)	19.319	1977287	23.263 ug/ml
20) T n-Hexatriacontane (C36)	20.057	2363096	27.869 ug/ml
21) T n-Octatriacontane (C38)	20.789	1800397	23.516 ug/ml
22) T n-Tetracontane (C40)	21.697	1829681	23.137 ug/ml

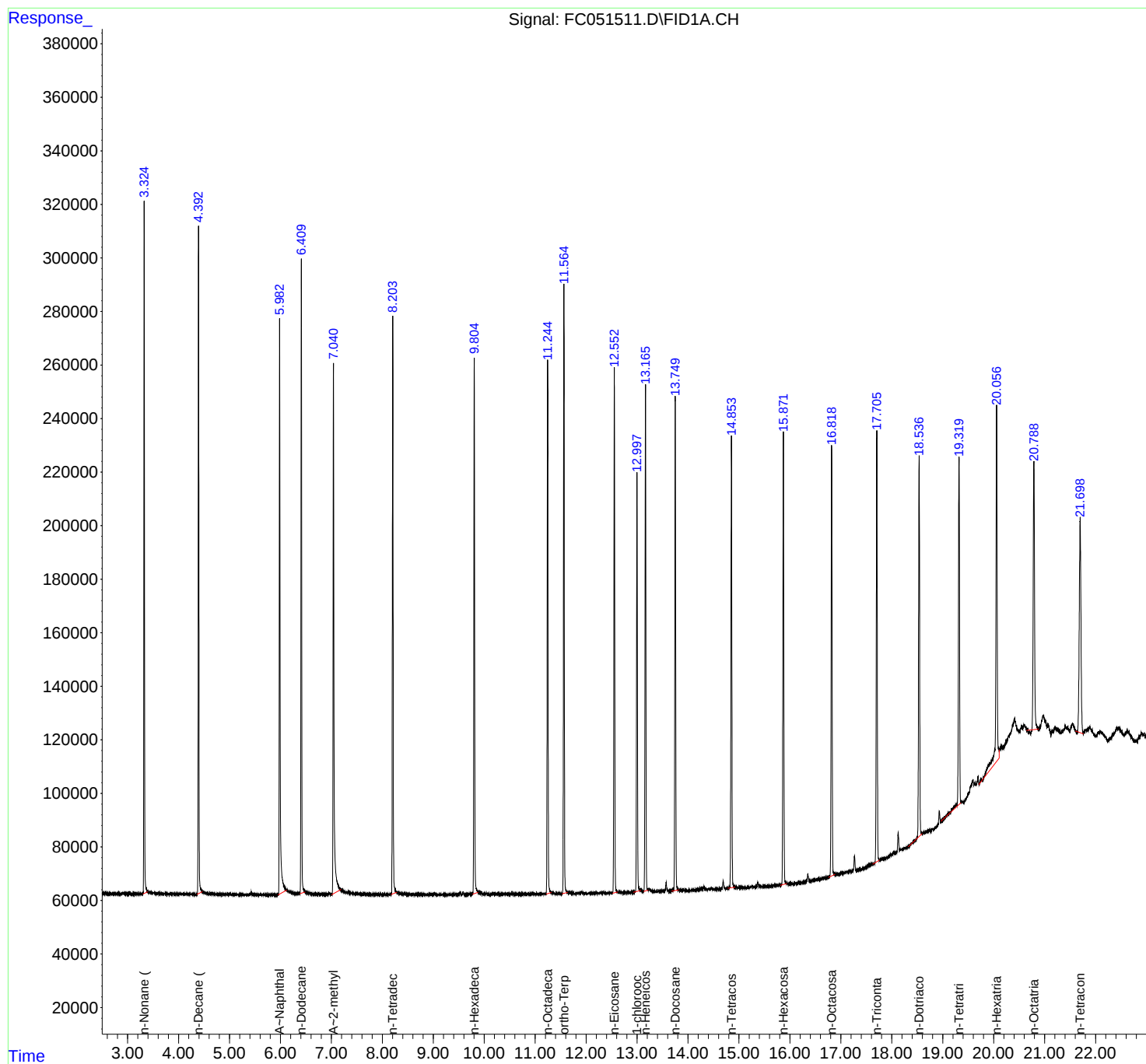
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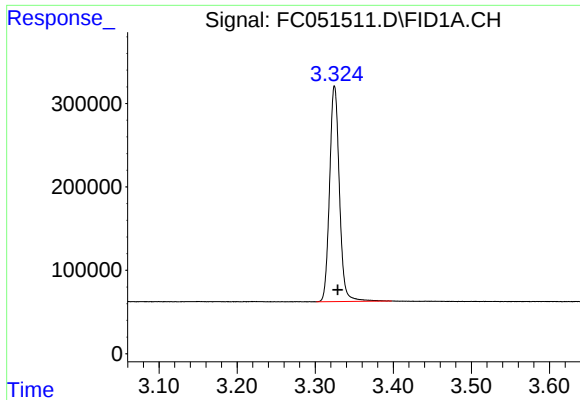
(m)=manual int.

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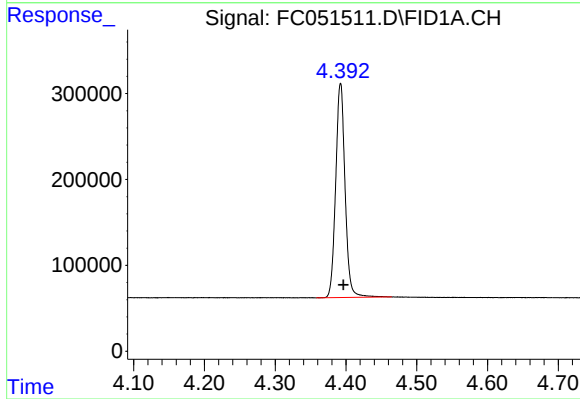
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Signal Info : 20M x 0.18mm x 0.18um





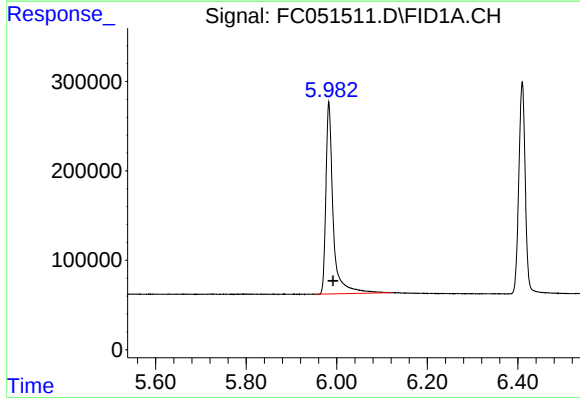
#1 n-Nonane (C9)

R.T.: 3.325 min
Delta R.T.: -0.004 min
Response: 2261045
Conc: 22.92 ug/ml



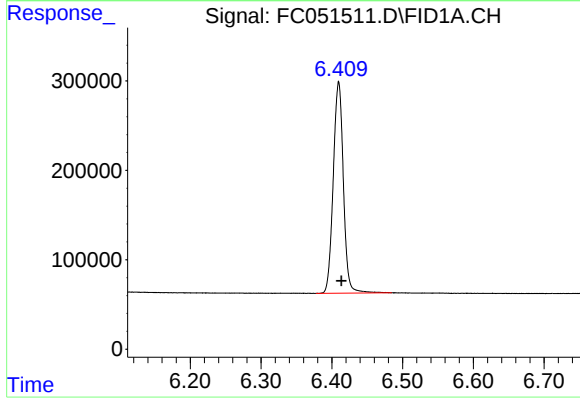
#2 n-Decane (C10)

R.T.: 4.392 min
Delta R.T.: -0.004 min
Response: 2292955
Conc: 23.19 ug/ml



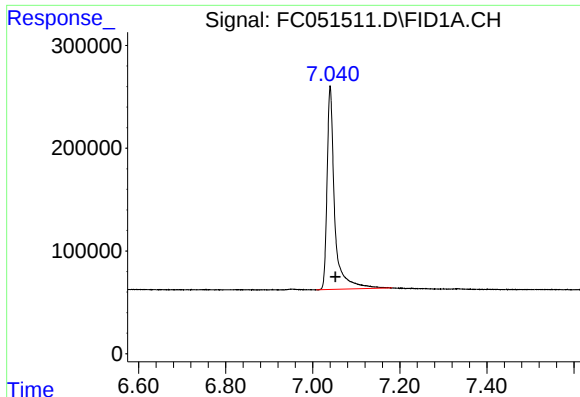
#3 A~Naphthalene (C11.7)

R.T.: 5.983 min
Delta R.T.: -0.009 min
Response: 2406483
Conc: 23.01 ug/ml



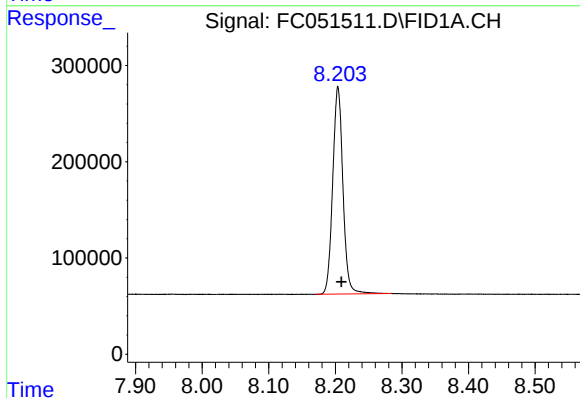
#4 n-Dodecane (C12)

R.T.: 6.410 min
Delta R.T.: -0.004 min
Response: 2349118
Conc: 22.98 ug/ml



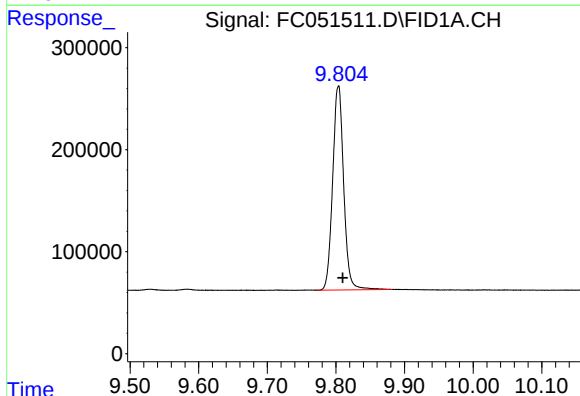
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.040 min
Delta R.T.: -0.011 min
Response: 2406122
Conc: 22.91 ug/ml



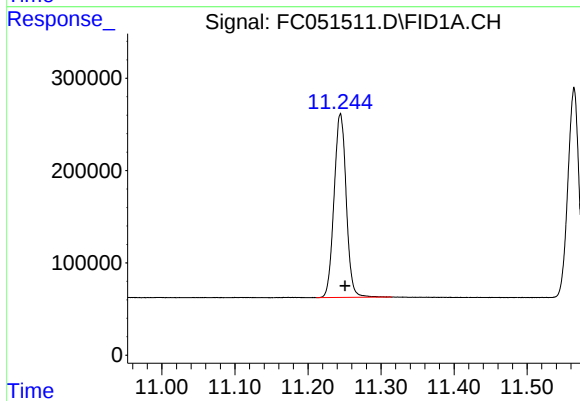
#6 n-Tetradecane (C14)

R.T.: 8.204 min
Delta R.T.: -0.005 min
Response: 2302341
Conc: 22.70 ug/ml



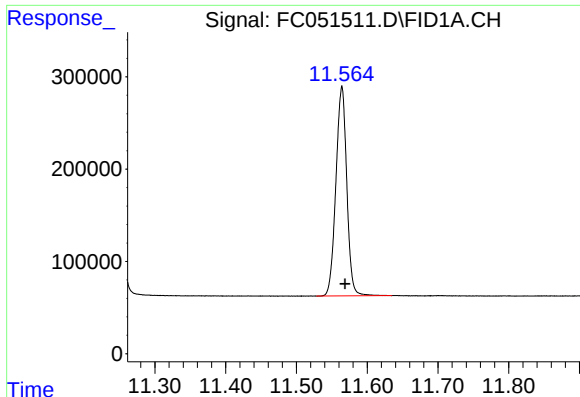
#7 n-Hexadecane (C16)

R.T.: 9.804 min
Delta R.T.: -0.006 min
Response: 2231426
Conc: 22.16 ug/ml



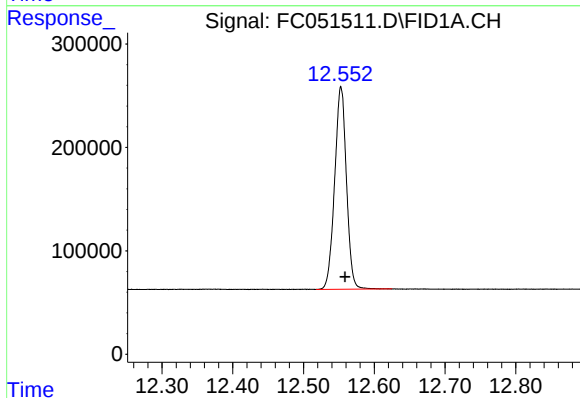
#8 n-Octadecane (C18)

R.T.: 11.244 min
Delta R.T.: -0.006 min
Response: 2301735
Conc: 21.58 ug/ml



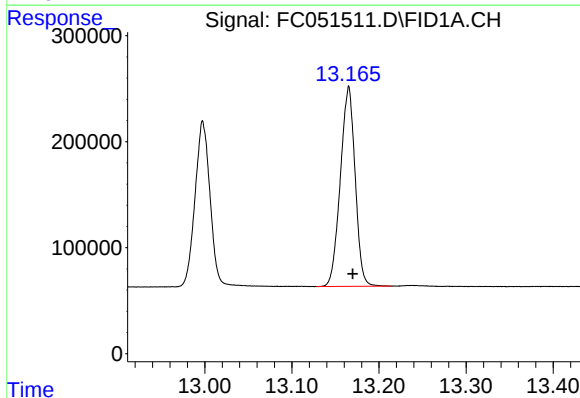
#9 ortho-Terphenyl (SURR)

R.T.: 11.564 min
Delta R.T.: -0.004 min
Response: 2423165
Conc: 20.91 ug/ml



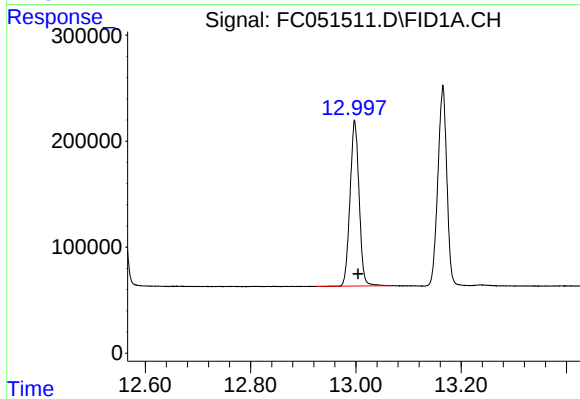
#10 n-Eicosane (C20)

R.T.: 12.553 min
Delta R.T.: -0.005 min
Response: 2267819
Conc: 21.06 ug/ml



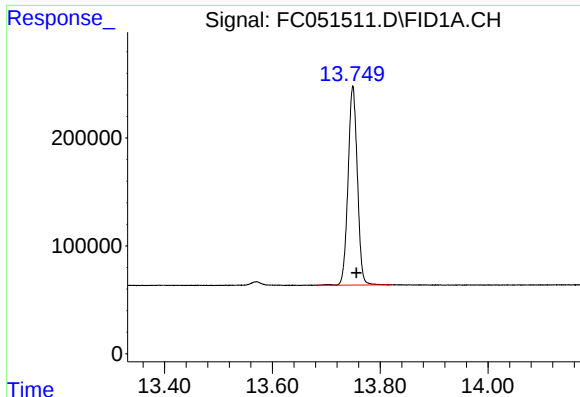
#11 n-Heneicosane (C21)

R.T.: 13.165 min
Delta R.T.: -0.005 min
Response: 2220970
Conc: 20.71 ug/ml



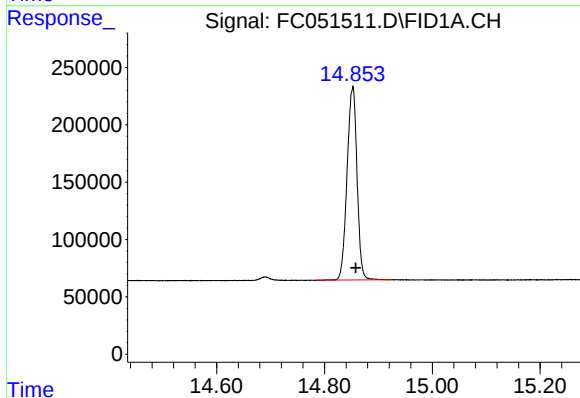
#12 1-chlorooctadecane (SURR)

R.T.: 12.998 min
Delta R.T.: -0.007 min
Response: 1866174
Conc: 20.69 ug/ml



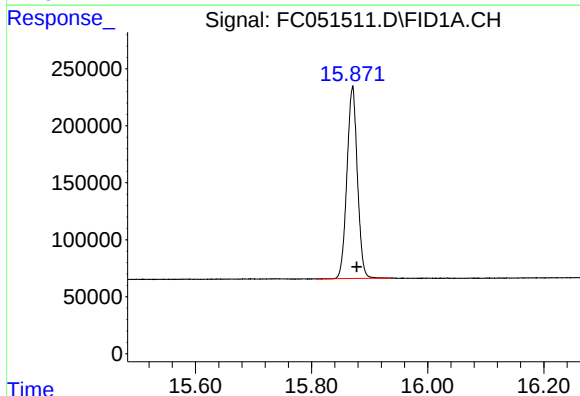
#13 n-Docosane (C22)

R.T.: 13.749 min
Delta R.T.: -0.007 min
Response: 2210834
Conc: 20.70 ug/ml



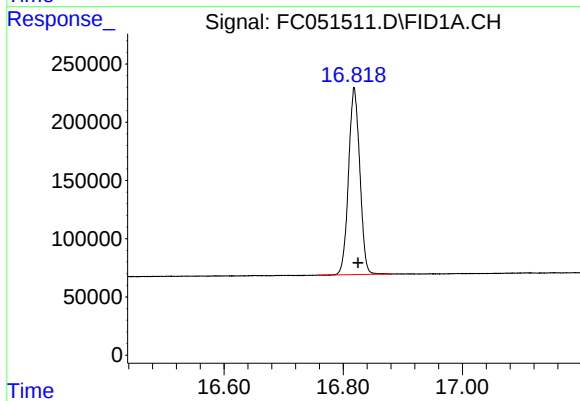
#14 n-Tetracosane (C24)

R.T.: 14.852 min
Delta R.T.: -0.006 min
Response: 2160790
Conc: 20.42 ug/ml



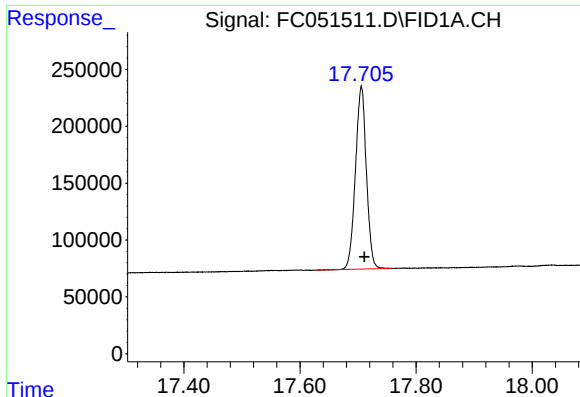
#15 n-Hexacosane (C26)

R.T.: 15.870 min
Delta R.T.: -0.007 min
Response: 2109847
Conc: 20.37 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.819 min
Delta R.T.: -0.006 min
Response: 2106311
Conc: 20.69 ug/ml



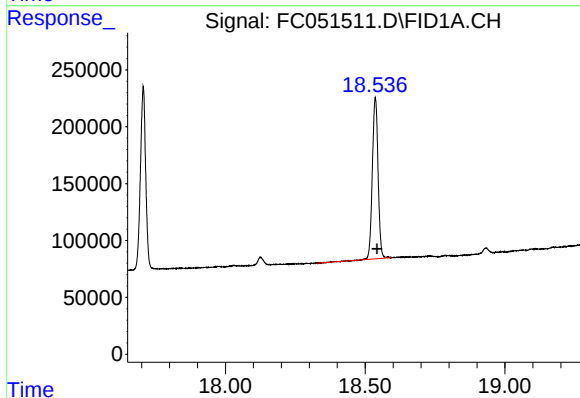
#17 n-Tricontane (C30)

R.T.: 17.706 min

Delta R.T.: -0.006 min

Response: 2094363

Conc: 21.27 ug/ml



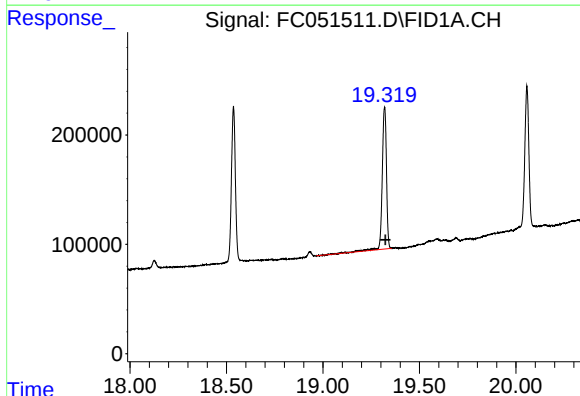
#18 n-Dotriacontane (C32)

R.T.: 18.536 min

Delta R.T.: -0.006 min

Response: 2007698

Conc: 22.16 ug/ml



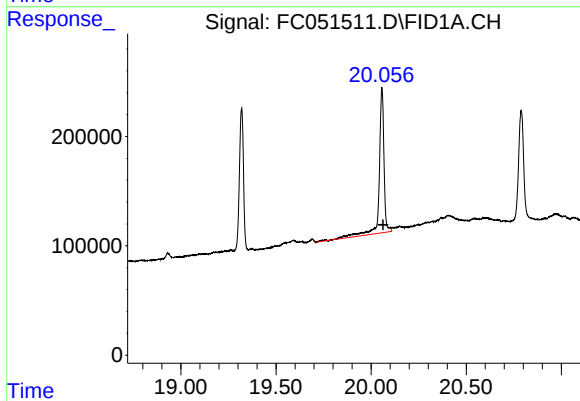
#19 n-Tetratriacontane (C34)

R.T.: 19.319 min

Delta R.T.: -0.005 min

Response: 1977287

Conc: 23.26 ug/ml



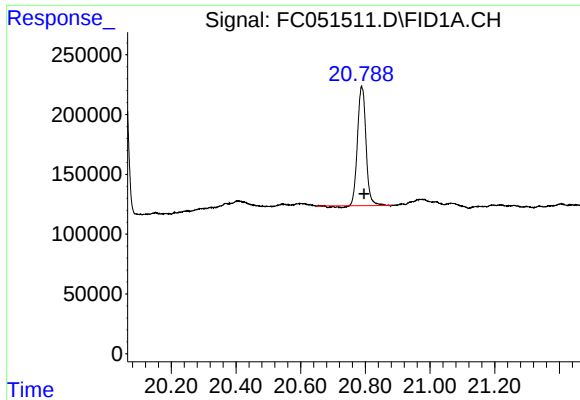
#20 n-Hexatriacontane (C36)

R.T.: 20.057 min

Delta R.T.: -0.005 min

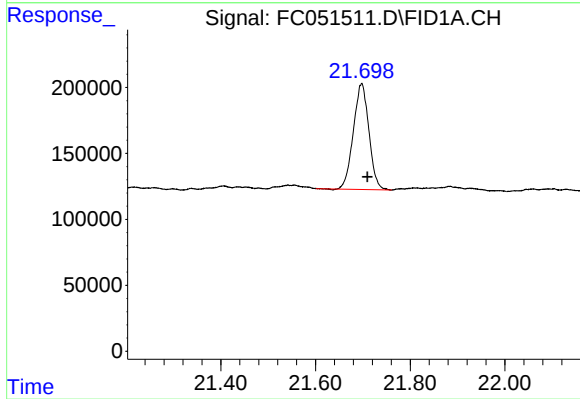
Response: 2363096

Conc: 27.87 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.789 min
Delta R.T.: -0.007 min
Response: 1800397
Conc: 23.52 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.697 min
Delta R.T.: -0.012 min
Response: 1829681
Conc: 23.14 ug/ml