

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041520AL\
 Data File : FC046854.D
 Signal(s) : FID1A.CH
 Acq On : 16 Apr 2020 12:14
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 16 13:47:53 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 032320.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 24 12:45:07 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)	11.761	2200362	20.129 ug/ml
Spiked Amount 50.000		Recovery =	40.26%
12) S 1-chlorooctadecane (S...	13.177	1709328	19.835 ug/ml
Spiked Amount 50.000		Recovery =	39.67%
Target Compounds			
1) T n-Nonane (C9)	3.549	2128391	22.162 ug/ml
2) T n-Decane (C10)	4.616	2174251	22.638 ug/ml
3) T A~Naphthalene (C11.7)	6.218	2264160	22.597 ug/ml
4) T n-Dodecane (C12)	6.623	2206733	22.608 ug/ml
5) T A~2-methylnaphthalene...	7.267	2276033	22.512 ug/ml
6) T n-Tetradecane (C14)	8.405	2173442	22.072 ug/ml
7) T n-Hexadecane (C16)	9.995	2157335	21.609 ug/ml
8) T n-Octadecane (C18)	11.429	2131137	20.997 ug/ml
10) T n-Eicosane (C20)	12.731	2077775	20.324 ug/ml
11) T n-Heneicosane (C21)	13.339	2061437	19.994 ug/ml
13) T n-Docosane (C22)	13.923	2016352	19.642 ug/ml
14) T n-Tetracosane (C24)	15.020	1972358	19.107 ug/ml
15) T n-Hexacosane (C26)	16.036	1908337	18.600 ug/ml
16) T n-Octacosane (C28)	16.981	1873265	18.406 ug/ml
17) T n-Tricontane (C30)	17.865	1831881	18.698 ug/ml
18) T n-Dotriacontane (C32)	18.694	1580011	18.846 ug/ml
19) T n-Tetratriacontane (C34)	19.473	1406786	19.635 ug/mlm
20) T n-Hexatriacontane (C36)	20.210	1380627	19.708 ug/mlm
21) T n-Octatriacontane (C38)	20.972	1317853	20.884 ug/ml
22) T n-Tetracontane (C40)	21.931	1436654	20.761 ug/mlm

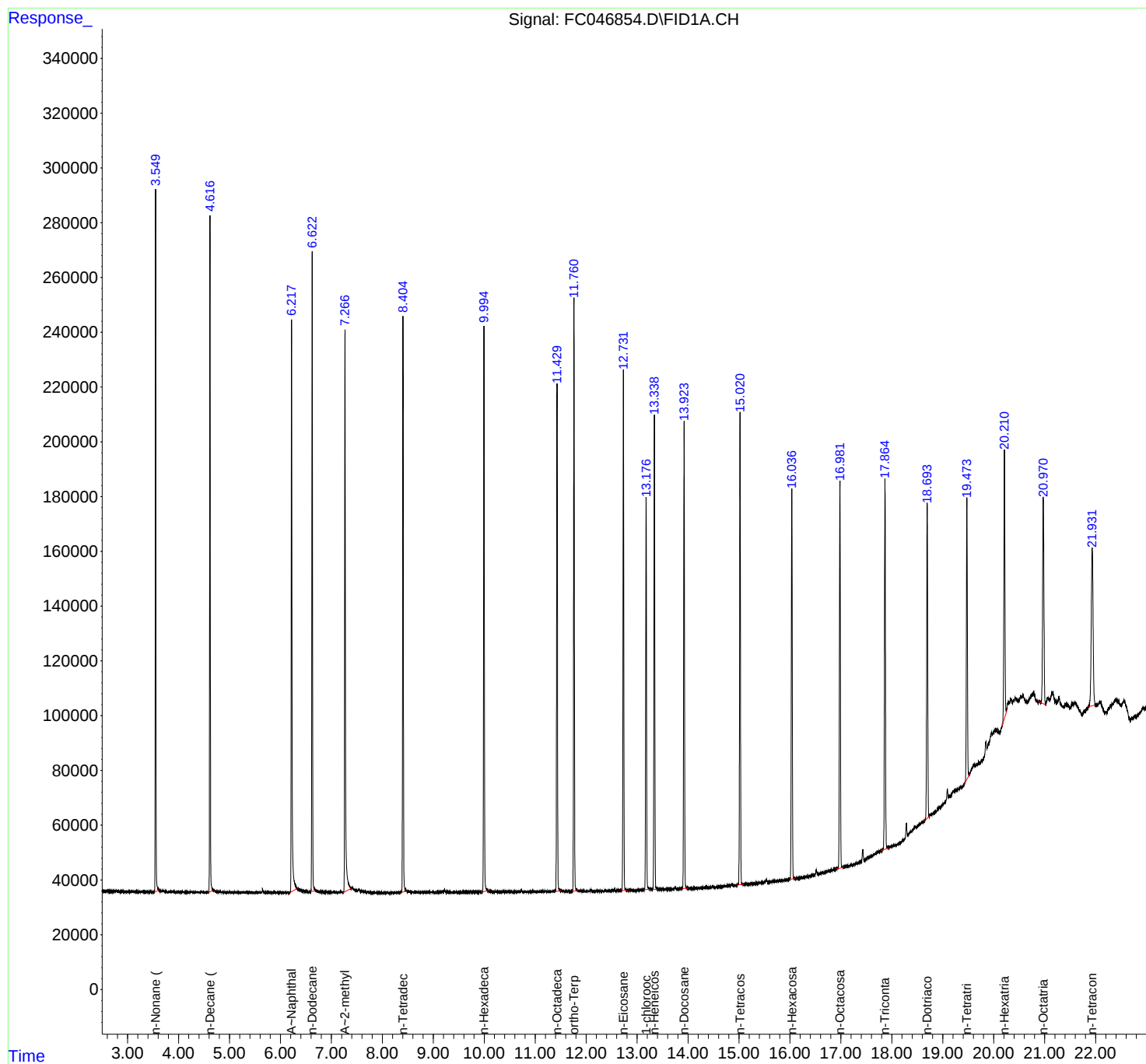
(f)=RT Delta > 1/2 Window

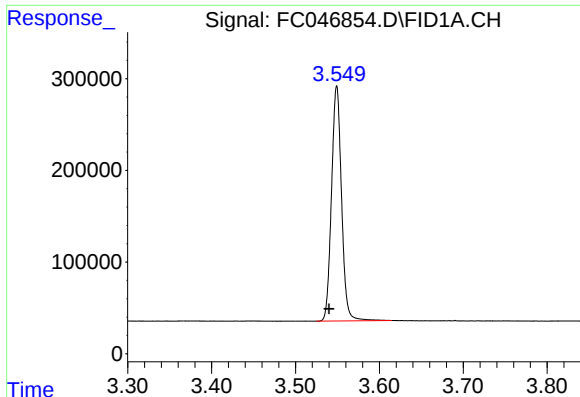
(m)=manual int.

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Integration File: autoint1.e
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032320.M
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QLast Update : Tue Mar 24 12:45:07 2020
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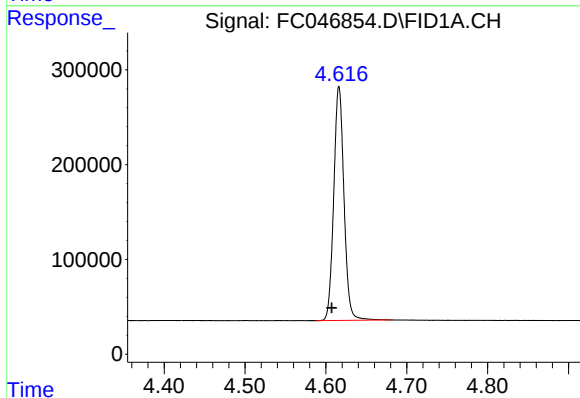
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





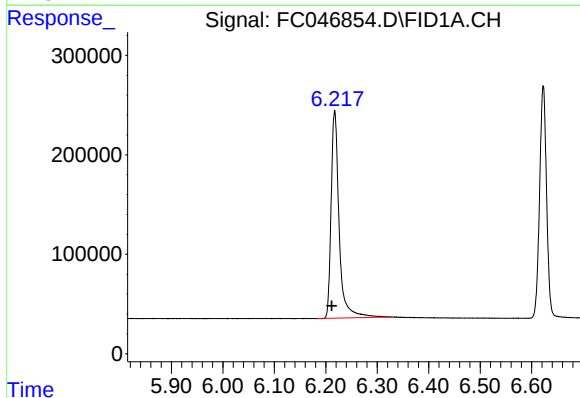
#1 n-Nonane (C9)

R.T.: 3.549 min
Delta R.T.: 0.009 min
Response: 2128391
Conc: 22.16 ug/ml



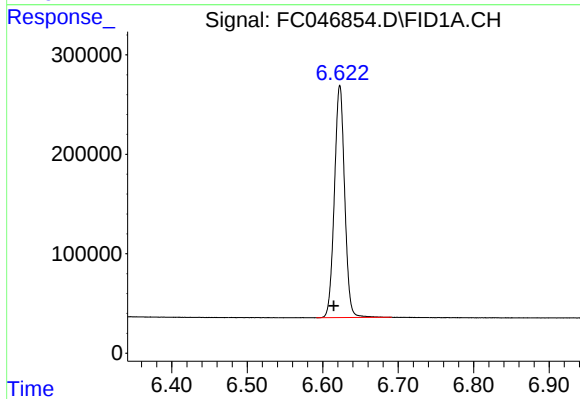
#2 n-Decane (C10)

R.T.: 4.616 min
Delta R.T.: 0.009 min
Response: 2174251
Conc: 22.64 ug/ml



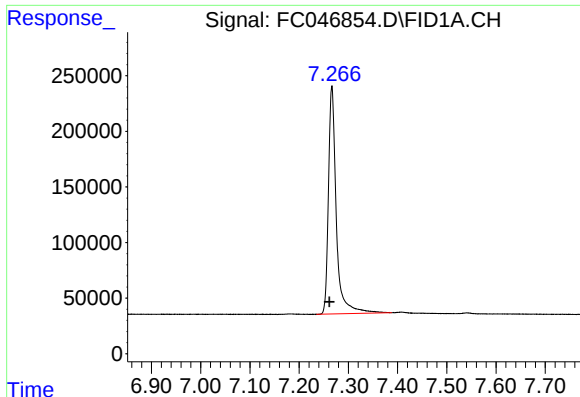
#3 A~Naphthalene (C11.7)

R.T.: 6.218 min
Delta R.T.: 0.006 min
Response: 2264160
Conc: 22.60 ug/ml



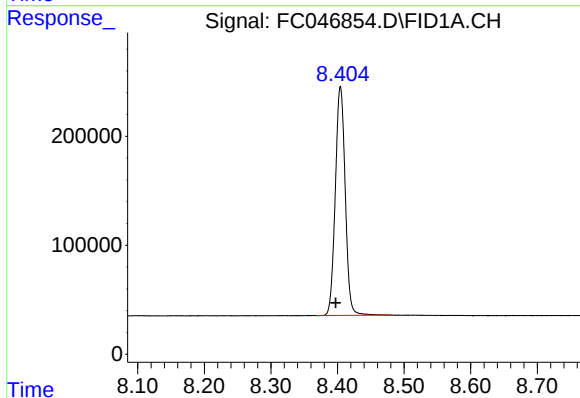
#4 n-Dodecane (C12)

R.T.: 6.623 min
Delta R.T.: 0.008 min
Response: 2206733
Conc: 22.61 ug/ml



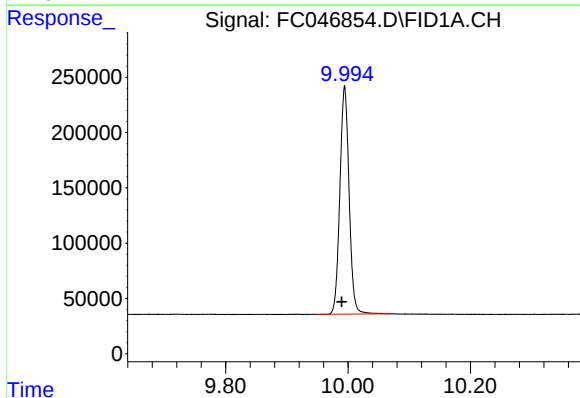
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.267 min
Delta R.T.: 0.005 min
Response: 2276033
Conc: 22.51 ug/ml



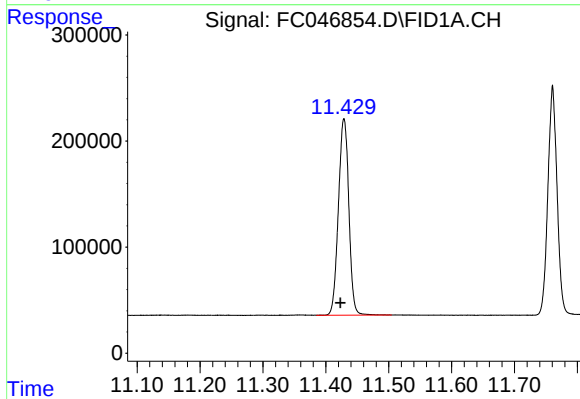
#6 n-Tetradecane (C14)

R.T.: 8.405 min
Delta R.T.: 0.007 min
Response: 2173442
Conc: 22.07 ug/ml



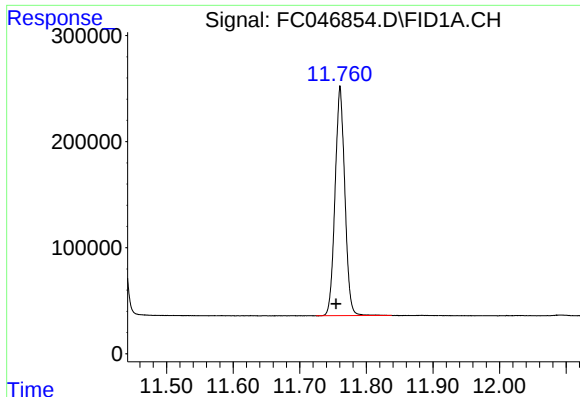
#7 n-Hexadecane (C16)

R.T.: 9.995 min
Delta R.T.: 0.005 min
Response: 2157335
Conc: 21.61 ug/ml



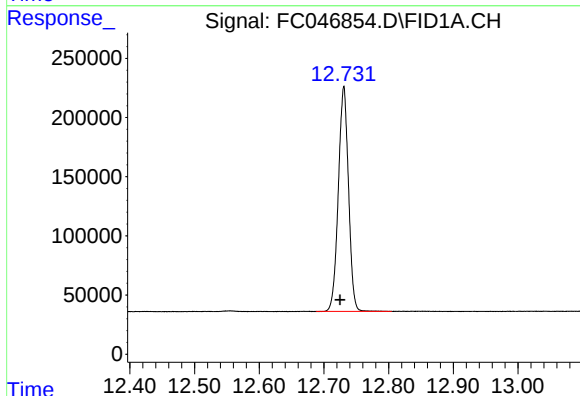
#8 n-Octadecane (C18)

R.T.: 11.429 min
Delta R.T.: 0.006 min
Response: 2131137
Conc: 21.00 ug/ml



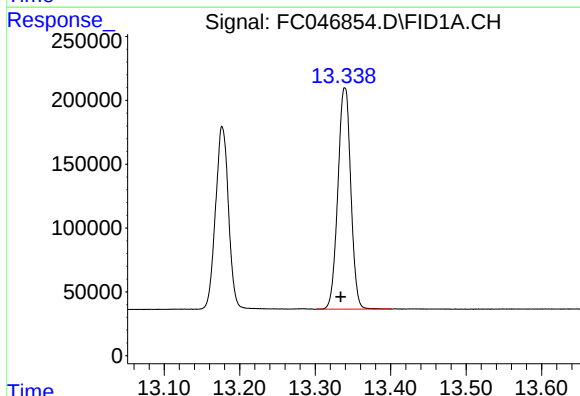
#9 ortho-Terphenyl (SURR)

R.T.: 11.761 min
Delta R.T.: 0.006 min
Response: 2200362
Conc: 20.13 ug/ml



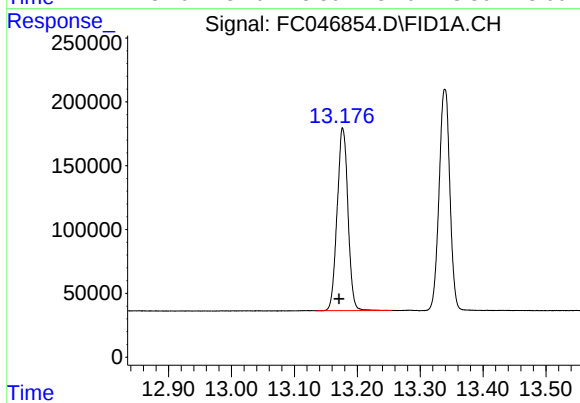
#10 n-Eicosane (C20)

R.T.: 12.731 min
Delta R.T.: 0.006 min
Response: 2077775
Conc: 20.32 ug/ml



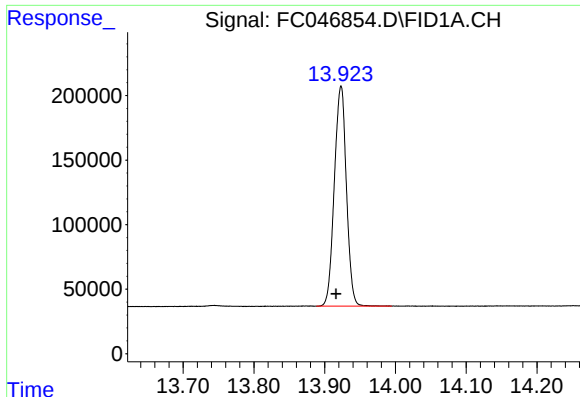
#11 n-Heneicosane (C21)

R.T.: 13.339 min
Delta R.T.: 0.005 min
Response: 2061437
Conc: 19.99 ug/ml



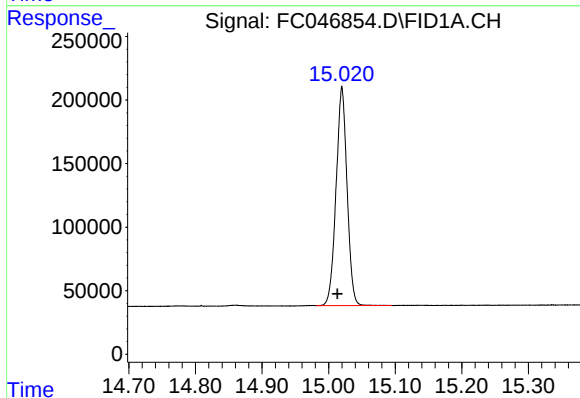
#12 1-chlorooctadecane (SURR)

R.T.: 13.177 min
Delta R.T.: 0.006 min
Response: 1709328
Conc: 19.83 ug/ml



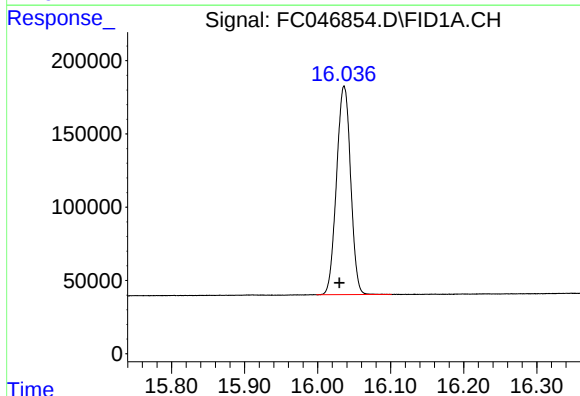
#13 n-Docosane (C22)

R.T.: 13.923 min
Delta R.T.: 0.007 min
Response: 2016352
Conc: 19.64 ug/ml



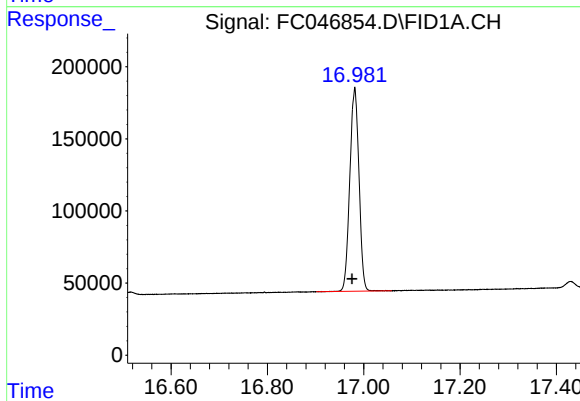
#14 n-Tetracosane (C24)

R.T.: 15.020 min
Delta R.T.: 0.007 min
Response: 1972358
Conc: 19.11 ug/ml



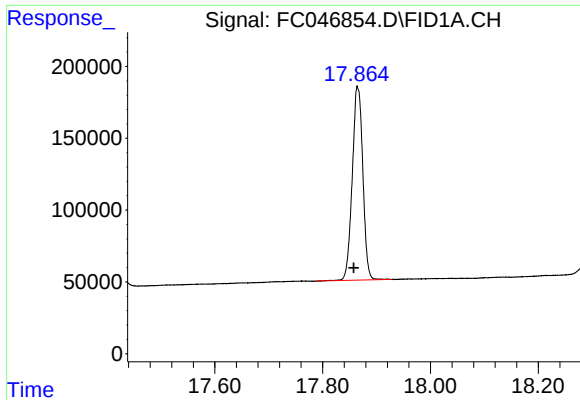
#15 n-Hexacosane (C26)

R.T.: 16.036 min
Delta R.T.: 0.006 min
Response: 1908337
Conc: 18.60 ug/ml



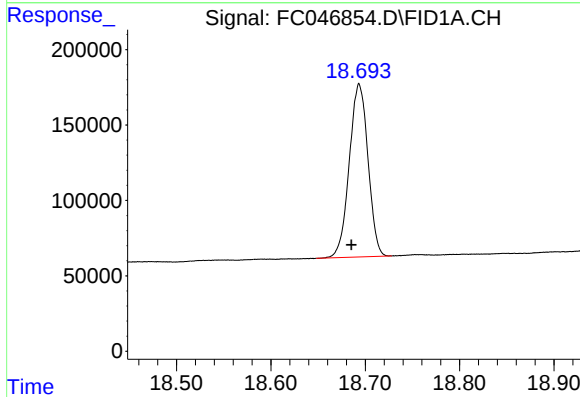
#16 n-Octacosane (C28)

R.T.: 16.981 min
Delta R.T.: 0.006 min
Response: 1873265
Conc: 18.41 ug/ml



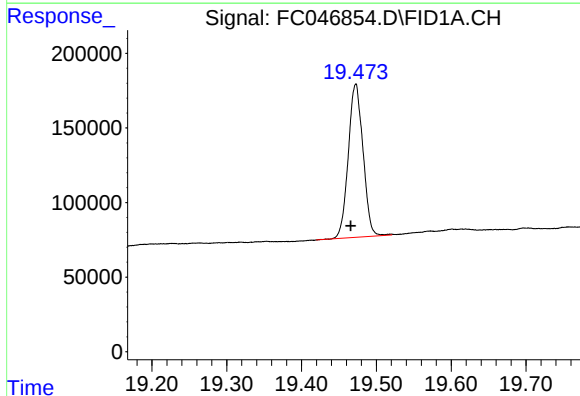
#17 n-Tricontane (C30)

R.T.: 17.865 min
Delta R.T.: 0.007 min
Response: 1831881
Conc: 18.70 ug/ml



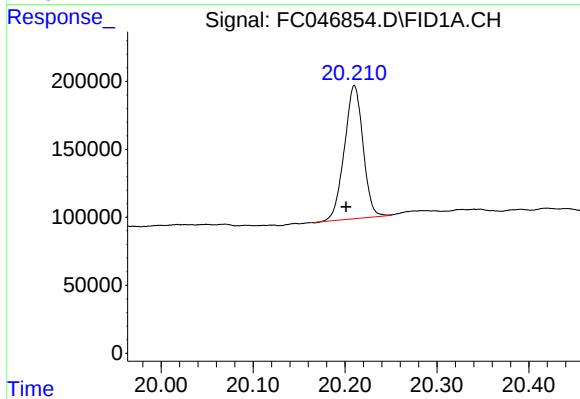
#18 n-Dotriacontane (C32)

R.T.: 18.694 min
Delta R.T.: 0.008 min
Response: 1580011
Conc: 18.85 ug/ml



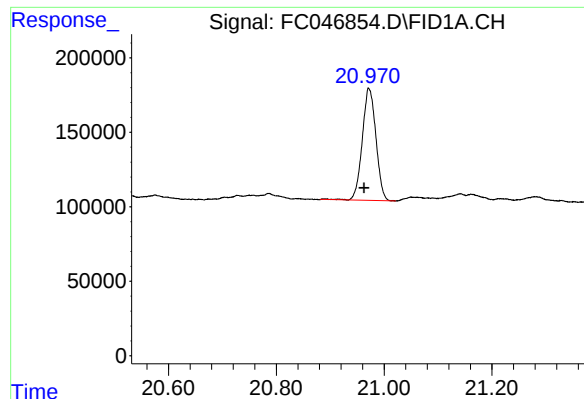
#19 n-Tetratriacontane (C34)

R.T.: 19.473 min
Delta R.T.: 0.007 min
Response: 1406786
Conc: 19.64 ug/ml m



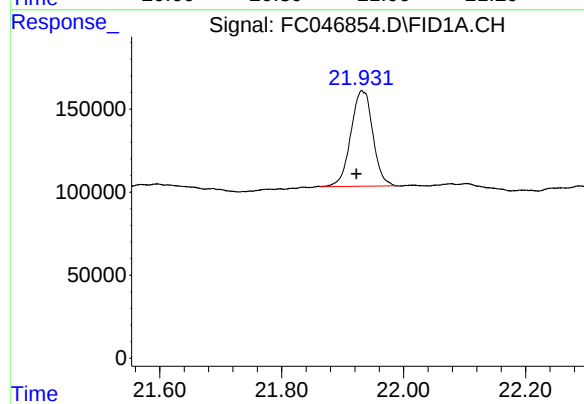
#20 n-Hexatriacontane (C36)

R.T.: 20.210 min
Delta R.T.: 0.009 min
Response: 1380627
Conc: 19.71 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.972 min
Delta R.T.: 0.010 min
Response: 1317853
Conc: 20.88 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.931 min
Delta R.T.: 0.008 min
Response: 1436654
Conc: 20.76 ug/ml m