

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121219AL\
 Data File : FC044897.D
 Signal(s) : FID1A.CH
 Acq On : 12 Dec 2019 22:04
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 13 00:40:52 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 112219.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 23 03:00:37 2019
 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)	11.756	2266258	19.888 ug/ml
Spiked Amount 50.000		Recovery =	39.78%
12) S 1-chlorooctadecane (S...	13.181	1745065	19.706 ug/ml
Spiked Amount 50.000		Recovery =	39.41%
Target Compounds			
1) T n-Nonane (C9)	3.504	2125778	20.910 ug/ml
2) T n-Decane (C10)	4.578	2138686	21.060 ug/ml
3) T A~Naphthalene (C11.7)	6.179	2391903	20.936 ug/ml
4) T n-Dodecane (C12)	6.598	2159796	21.229 ug/ml
5) T A~2-methylnaphthalene...	7.235	2401953	20.947 ug/ml
6) T n-Tetradecane (C14)	8.389	2166527	21.255 ug/ml
7) T n-Hexadecane (C16)	9.988	2170538	21.154 ug/ml
8) T n-Octadecane (C18)	11.427	2163450	20.895 ug/ml
10) T n-Eicosane (C20)	12.734	2121429	20.336 ug/ml
11) T n-Heneicosane (C21)	13.345	2095626	19.867 ug/ml
13) T n-Docosane (C22)	13.931	2059370	19.521 ug/ml
14) T n-Tetracosane (C24)	15.031	2011258	18.787 ug/ml
15) T n-Hexacosane (C26)	16.052	1939150	18.220 ug/ml
16) T n-Octacosane (C28)	17.000	1872426	17.840 ug/ml
17) T n-Tricontane (C30)	17.885	1783929	17.817 ug/ml
18) T n-Dotriacontane (C32)	18.716	1517090	18.221 ug/ml
19) T n-Tetratriacontane (C34)	19.498	1308226	19.068 ug/ml
20) T n-Hexatriacontane (C36)	20.236	1205392	20.195 ug/ml
21) T n-Octatriacontane (C38)	21.005	1124110	20.911 ug/ml
22) T n-Tetracontane (C40)	21.975	1129398	21.080 ug/ml

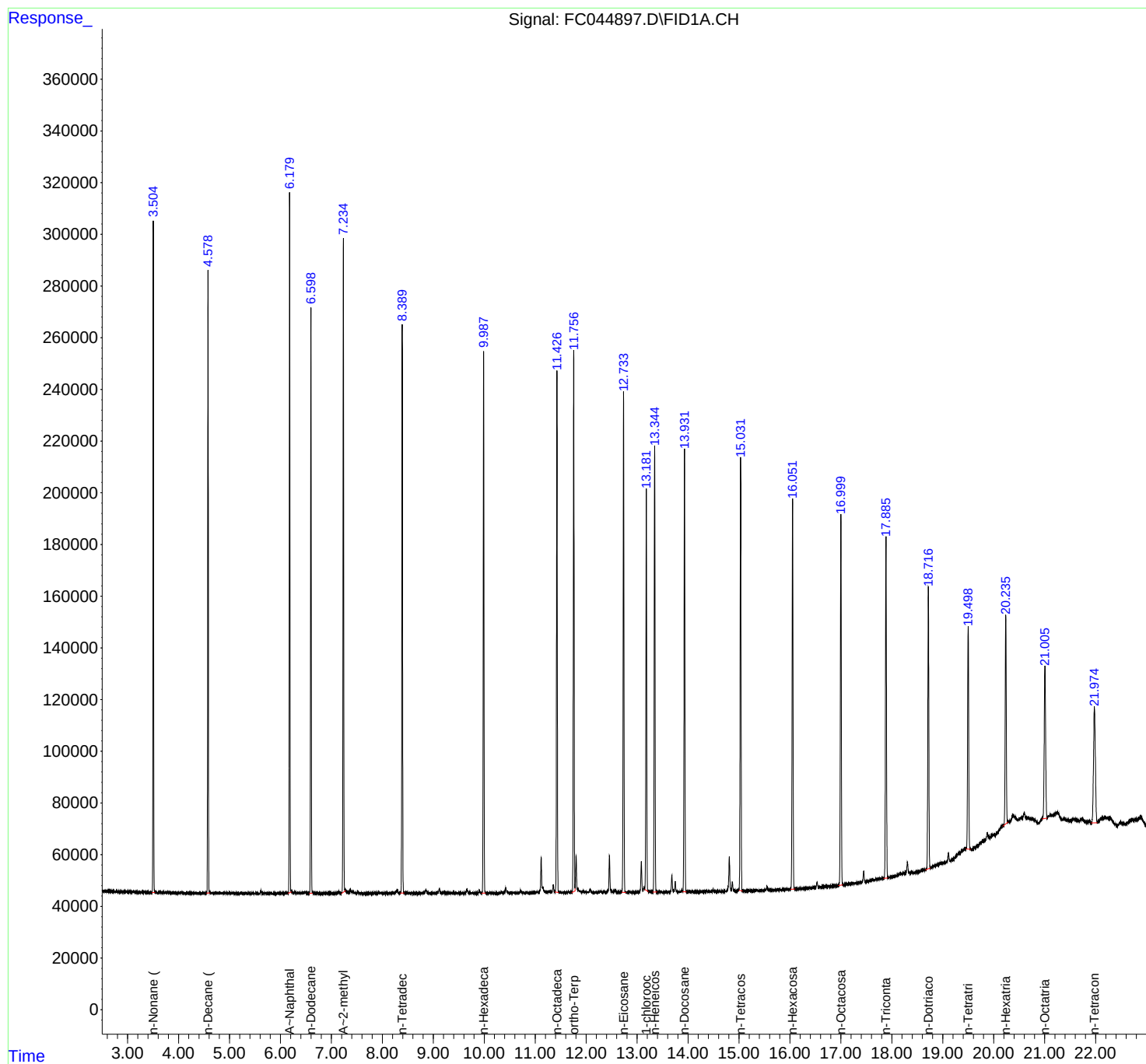
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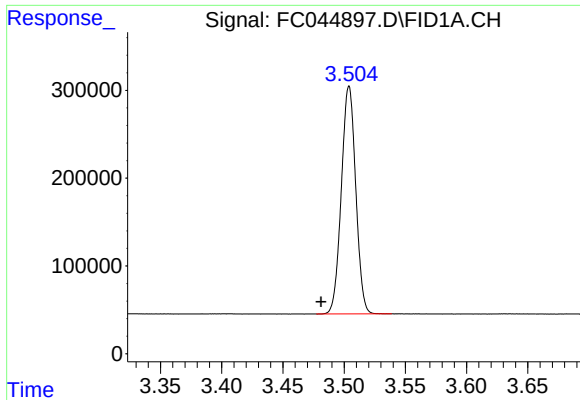
(m)=manual int.

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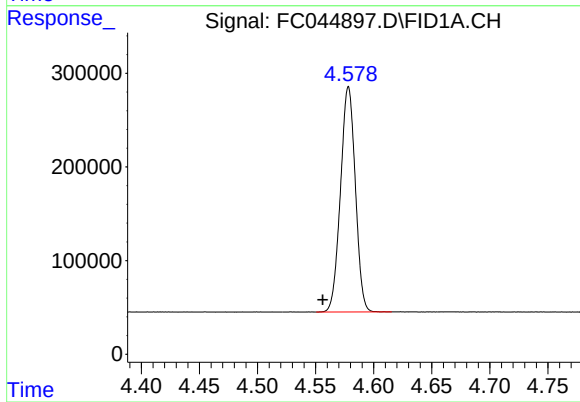
Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





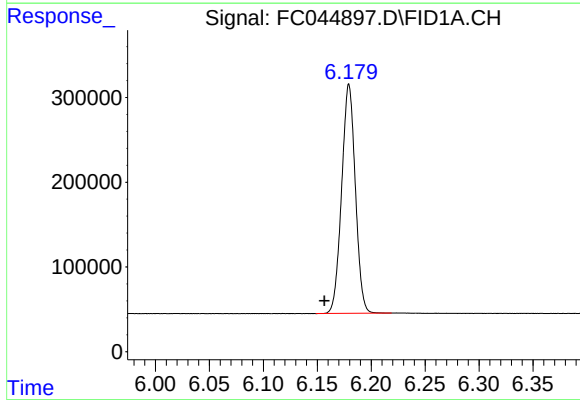
#1 n-Nonane (C9)

R.T.: 3.504 min
Delta R.T.: 0.023 min
Response: 2125778
Conc: 20.91 ug/ml



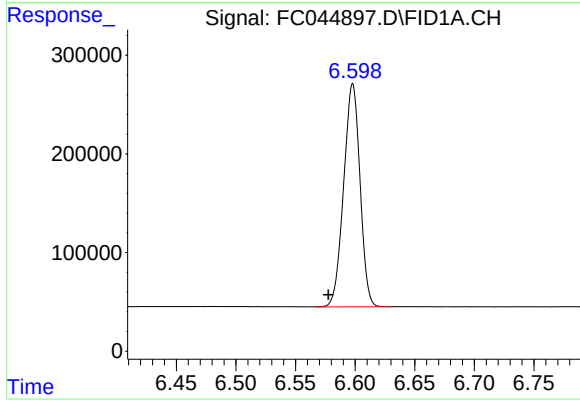
#2 n-Decane (C10)

R.T.: 4.578 min
Delta R.T.: 0.022 min
Response: 2138686
Conc: 21.06 ug/ml



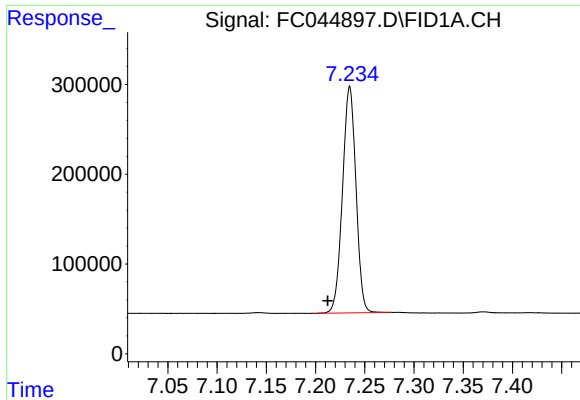
#3 A~Naphthalene (C11.7)

R.T.: 6.179 min
Delta R.T.: 0.023 min
Response: 2391903
Conc: 20.94 ug/ml



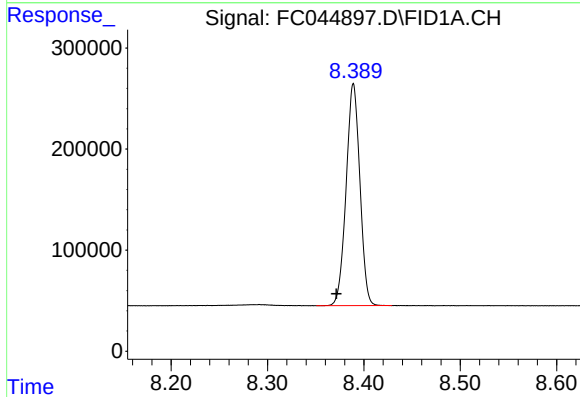
#4 n-Dodecane (C12)

R.T.: 6.598 min
Delta R.T.: 0.021 min
Response: 2159796
Conc: 21.23 ug/ml



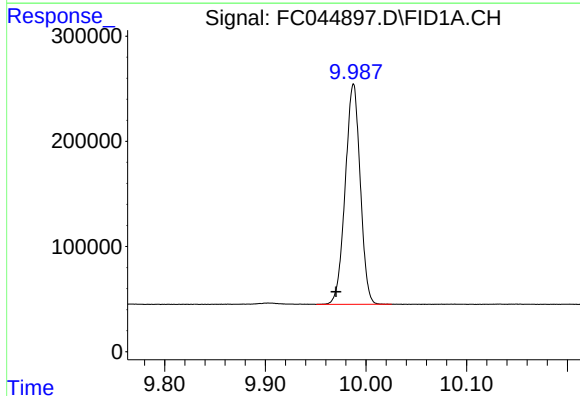
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.235 min
Delta R.T.: 0.022 min
Response: 2401953
Conc: 20.95 ug/ml



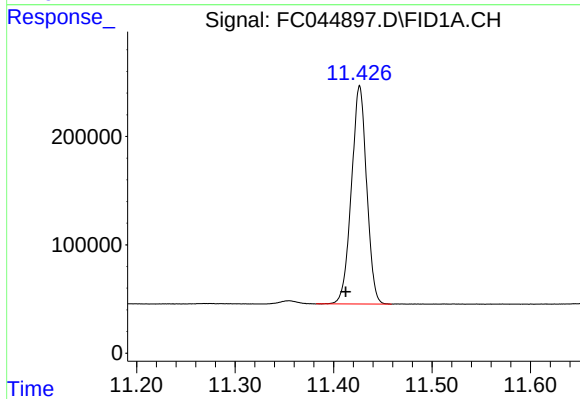
#6 n-Tetradecane (C14)

R.T.: 8.389 min
Delta R.T.: 0.018 min
Response: 2166527
Conc: 21.26 ug/ml



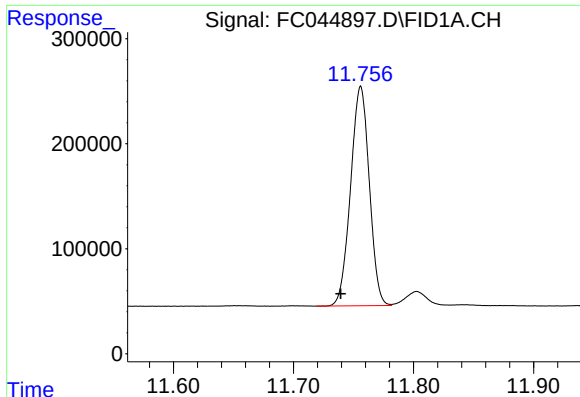
#7 n-Hexadecane (C16)

R.T.: 9.988 min
Delta R.T.: 0.017 min
Response: 2170538
Conc: 21.15 ug/ml



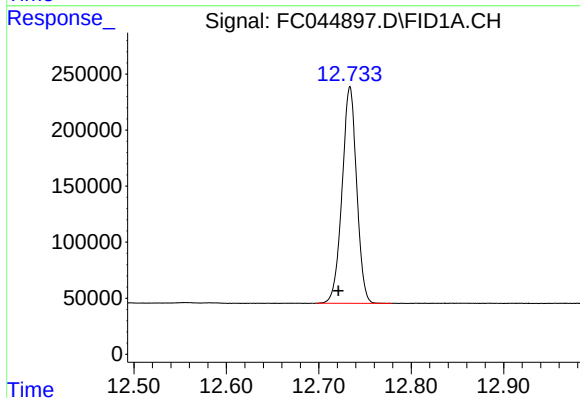
#8 n-Octadecane (C18)

R.T.: 11.427 min
Delta R.T.: 0.014 min
Response: 2163450
Conc: 20.89 ug/ml



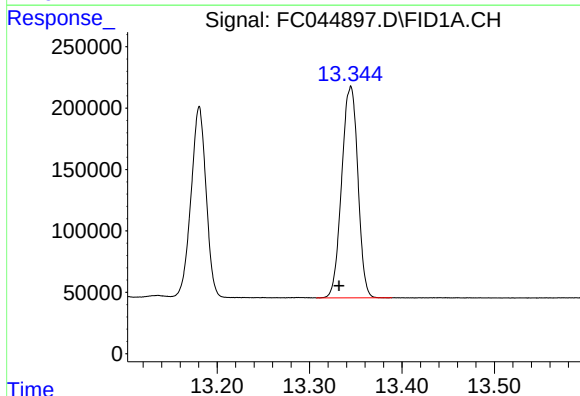
#9 ortho-Terphenyl (SURR)

R.T.: 11.756 min
Delta R.T.: 0.017 min
Response: 2266258
Conc: 19.89 ug/ml



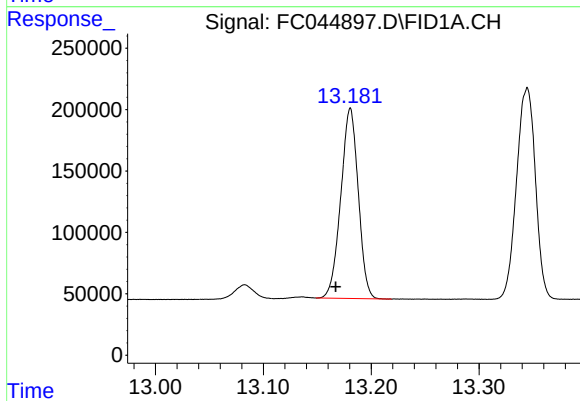
#10 n-Eicosane (C20)

R.T.: 12.734 min
Delta R.T.: 0.012 min
Response: 2121429
Conc: 20.34 ug/ml



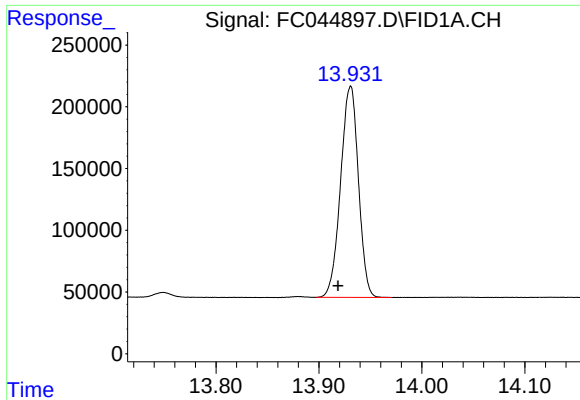
#11 n-Heneicosane (C21)

R.T.: 13.345 min
Delta R.T.: 0.013 min
Response: 2095626
Conc: 19.87 ug/ml



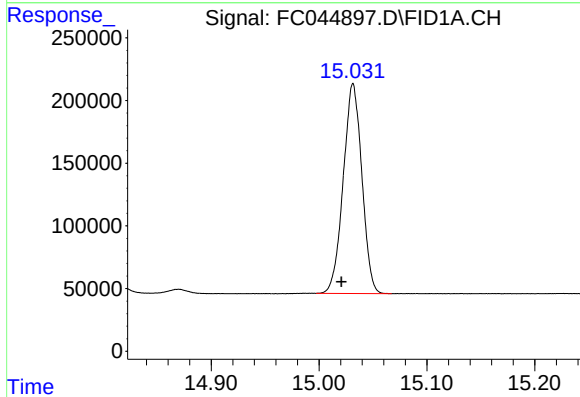
#12 1-chlorooctadecane (SURR)

R.T.: 13.181 min
Delta R.T.: 0.013 min
Response: 1745065
Conc: 19.71 ug/ml



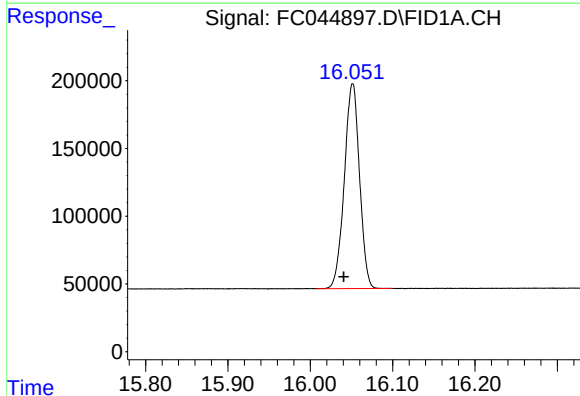
#13 n-Docosane (C22)

R.T.: 13.931 min
Delta R.T.: 0.012 min
Response: 2059370
Conc: 19.52 ug/ml



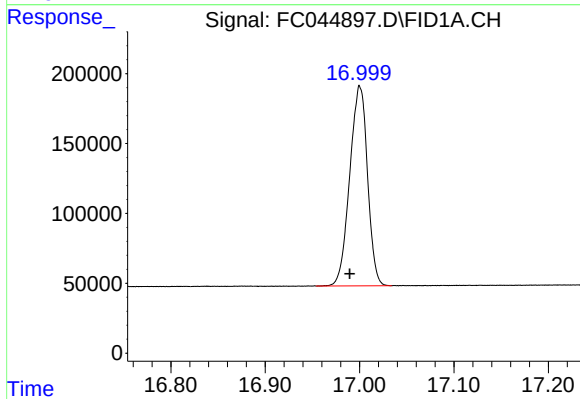
#14 n-Tetracosane (C24)

R.T.: 15.031 min
Delta R.T.: 0.011 min
Response: 2011258
Conc: 18.79 ug/ml



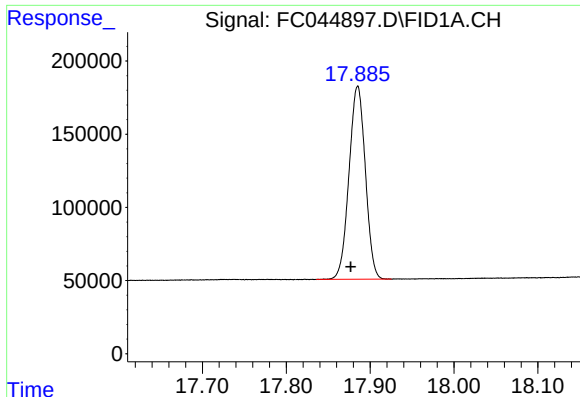
#15 n-Hexacosane (C26)

R.T.: 16.052 min
Delta R.T.: 0.011 min
Response: 1939150
Conc: 18.22 ug/ml



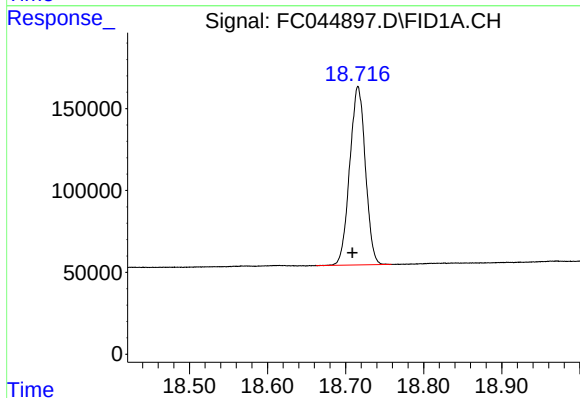
#16 n-Octacosane (C28)

R.T.: 17.000 min
Delta R.T.: 0.011 min
Response: 1872426
Conc: 17.84 ug/ml



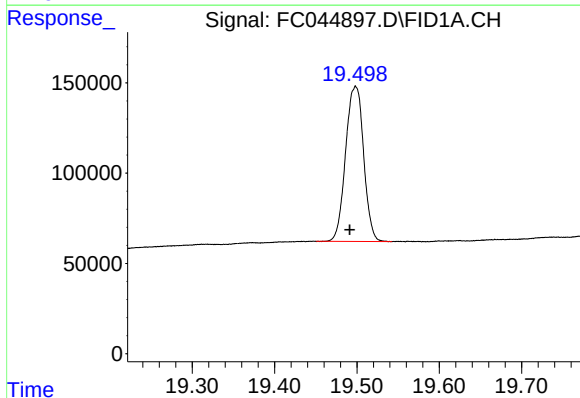
#17 n-Tricontane (C30)

R.T.: 17.885 min
Delta R.T.: 0.008 min
Response: 1783929
Conc: 17.82 ug/ml



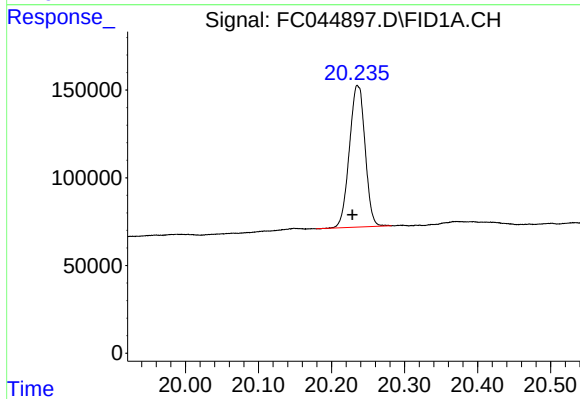
#18 n-Dotriacontane (C32)

R.T.: 18.716 min
Delta R.T.: 0.007 min
Response: 1517090
Conc: 18.22 ug/ml



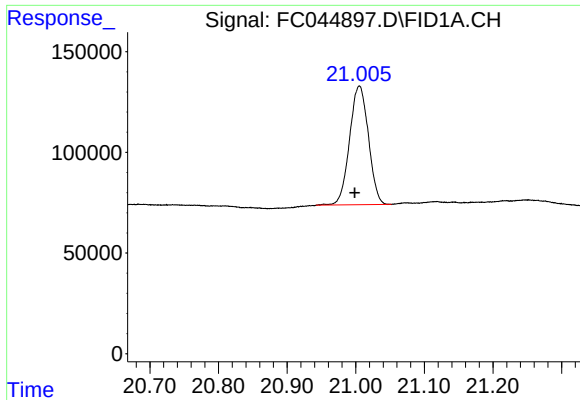
#19 n-Tetratriacontane (C34)

R.T.: 19.498 min
Delta R.T.: 0.007 min
Response: 1308226
Conc: 19.07 ug/ml



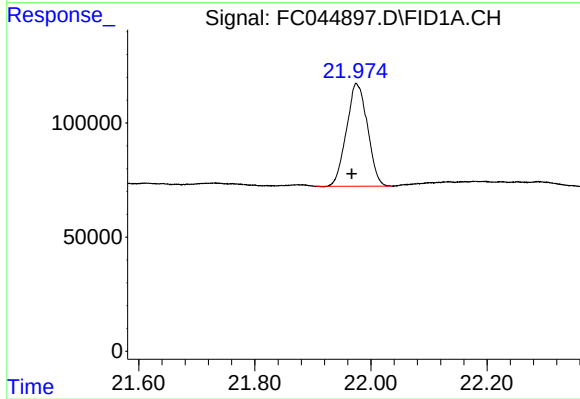
#20 n-Hexatriacontane (C36)

R.T.: 20.236 min
Delta R.T.: 0.008 min
Response: 1205392
Conc: 20.19 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.005 min
Delta R.T.: 0.007 min
Response: 1124110
Conc: 20.91 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.975 min
Delta R.T.: 0.008 min
Response: 1129398
Conc: 21.08 ug/ml