

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030420AL\
 Data File : FC046123.D
 Signal(s) : FID1A.CH
 Acq On : 05 Mar 2020 11:58
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 05 12:36:34 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 022120.M
 Quant Title : GC Extractables
 QLast Update : Sat Feb 22 03:16:45 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)	11.763	2231175	19.558 ug/ml
Spiked Amount 50.000		Recovery =	39.12%
12) S 1-chlorooctadecane (S...	13.181	1722077	19.196 ug/ml
Spiked Amount 50.000		Recovery =	38.39%
Target Compounds			
1) T n-Nonane (C9)	3.536	2153275	21.361 ug/ml
2) T n-Decane (C10)	4.606	2189128	21.704 ug/ml
3) T A~Naphthalene (C11.7)	6.206	2389183	21.517 ug/ml
4) T n-Dodecane (C12)	6.617	2209657	21.659 ug/ml
5) T A~2-methylnaphthalene...	7.258	2395956	21.539 ug/ml
6) T n-Tetradecane (C14)	8.403	2192549	21.418 ug/ml
7) T n-Hexadecane (C16)	9.996	2165785	20.918 ug/ml
8) T n-Octadecane (C18)	11.432	2137856	20.337 ug/ml
10) T n-Eicosane (C20)	12.734	2078348	19.661 ug/ml
11) T n-Heneicosane (C21)	13.345	2060026	19.314 ug/ml
13) T n-Docosane (C22)	13.928	2019780	19.008 ug/ml
14) T n-Tetracosane (C24)	15.027	1974975	18.453 ug/ml
15) T n-Hexacosane (C26)	16.042	1926679	18.128 ug/ml
16) T n-Octacosane (C28)	16.987	1891859	18.070 ug/ml
17) T n-Tricontane (C30)	17.873	1861103	18.468 ug/ml
18) T n-Dotriacontane (C32)	18.701	1623810	18.973 ug/ml
19) T n-Tetratriacontane (C34)	19.480	1399137	19.277 ug/ml
20) T n-Hexatriacontane (C36)	20.217	1283790	18.983 ug/ml
21) T n-Octatriacontane (C38)	20.983	1200834	19.867 ug/ml
22) T n-Tetracontane (C40)	21.943	1247830	19.847 ug/ml

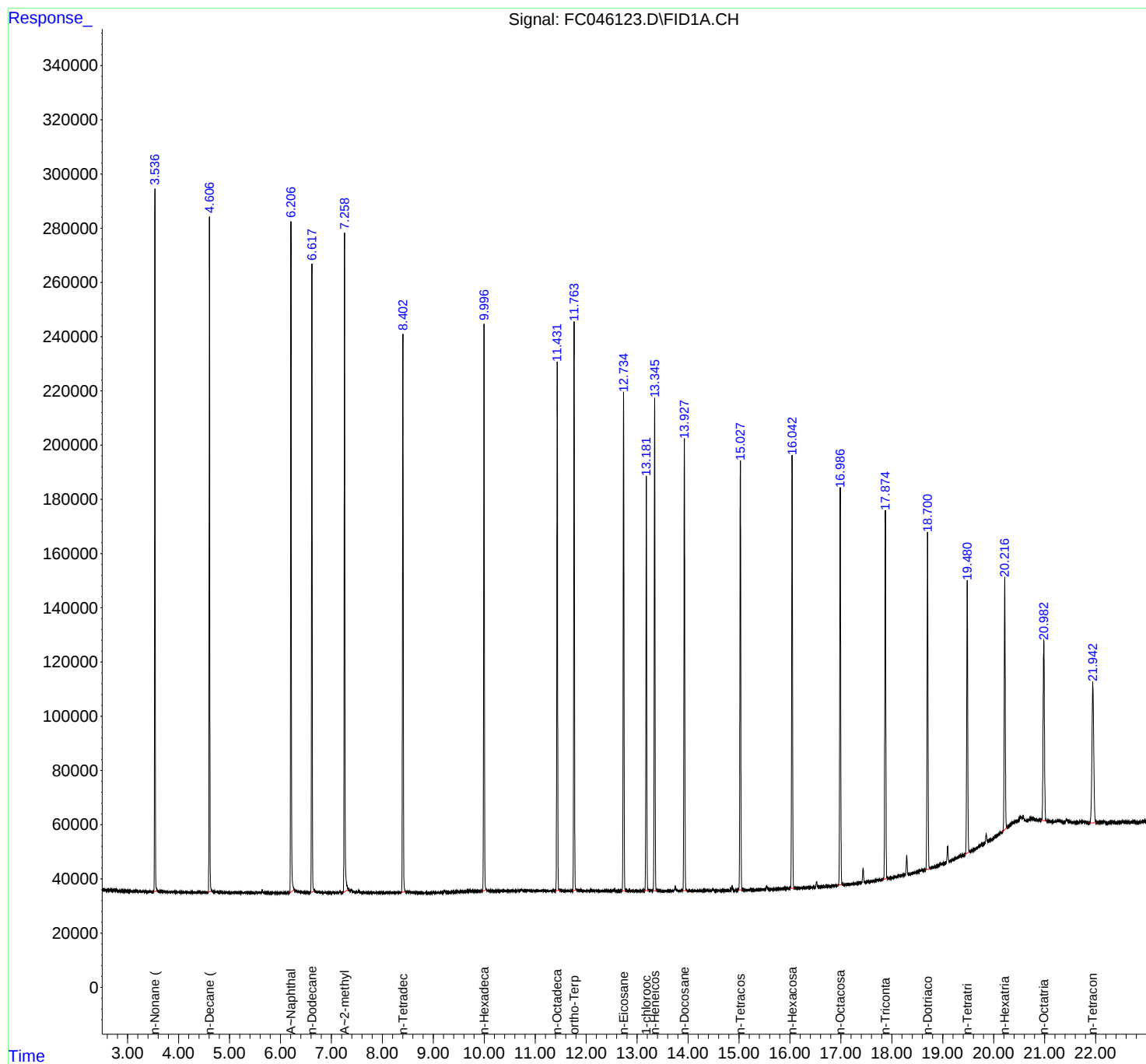
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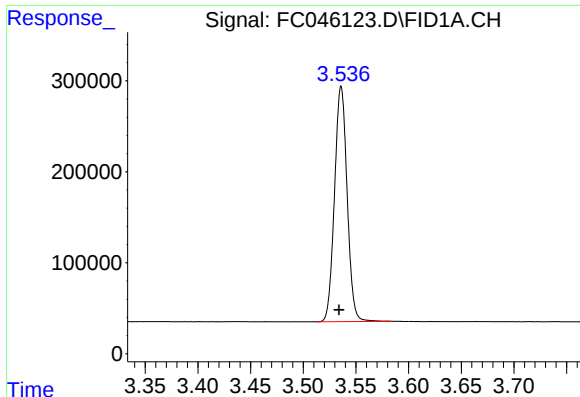
(m)=manual int.

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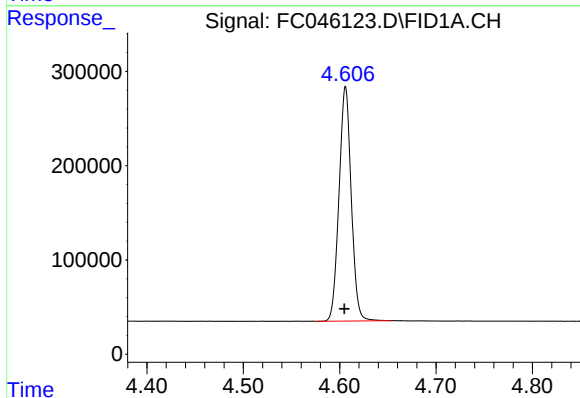
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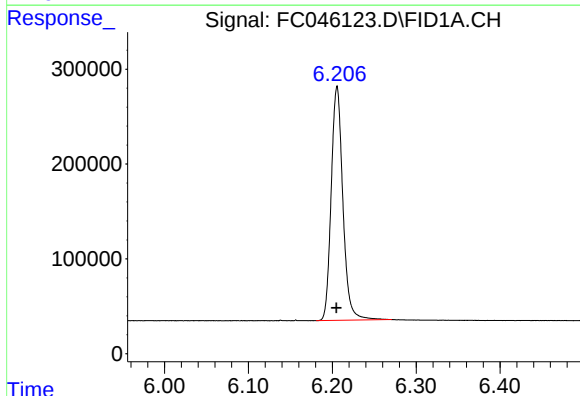
#1 n-Nonane (C9)

R.T.: 3.536 min
Delta R.T.: 0.002 min
Response: 2153275
Conc: 21.36 ug/ml



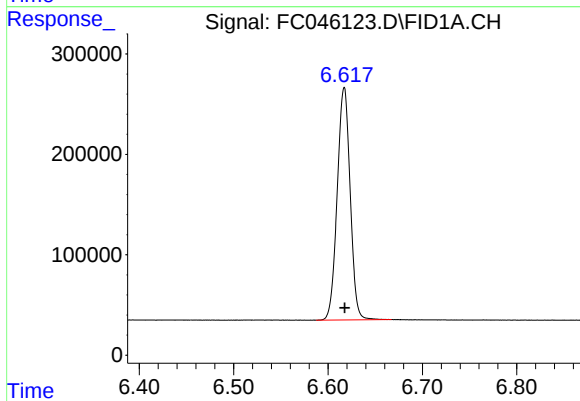
#2 n-Decane (C10)

R.T.: 4.606 min
Delta R.T.: 0.001 min
Response: 2189128
Conc: 21.70 ug/ml



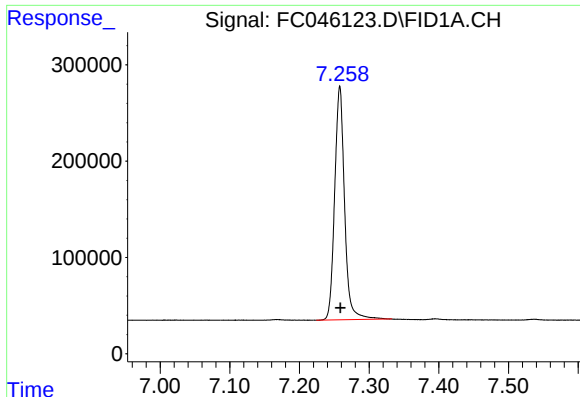
#3 A~Naphthalene (C11.7)

R.T.: 6.206 min
Delta R.T.: 0.000 min
Response: 2389183
Conc: 21.52 ug/ml



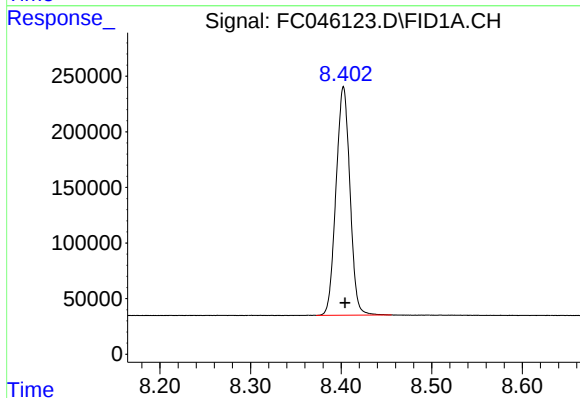
#4 n-Dodecane (C12)

R.T.: 6.617 min
Delta R.T.: 0.000 min
Response: 2209657
Conc: 21.66 ug/ml



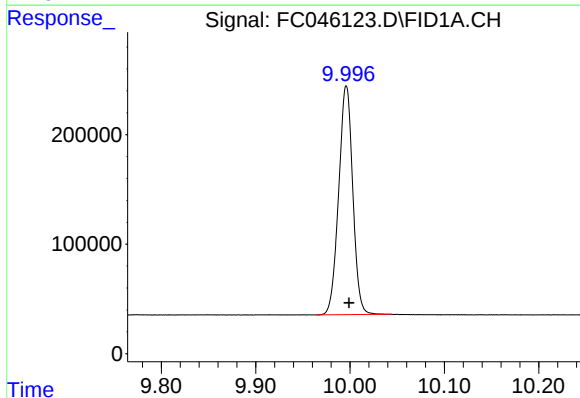
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.258 min
Delta R.T.: 0.000 min
Response: 2395956
Conc: 21.54 ug/ml



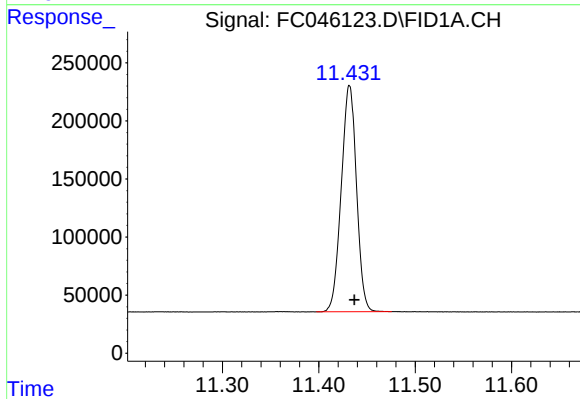
#6 n-Tetradecane (C14)

R.T.: 8.403 min
Delta R.T.: -0.002 min
Response: 2192549
Conc: 21.42 ug/ml



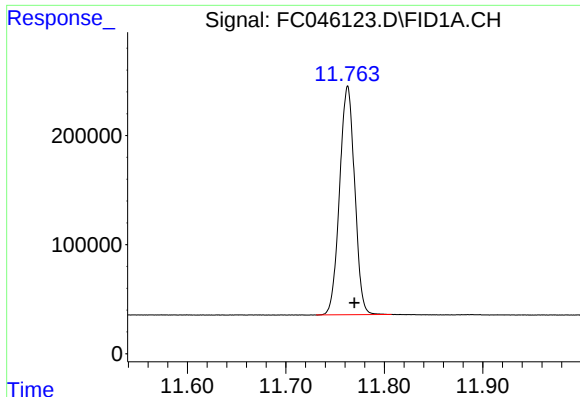
#7 n-Hexadecane (C16)

R.T.: 9.996 min
Delta R.T.: -0.003 min
Response: 2165785
Conc: 20.92 ug/ml



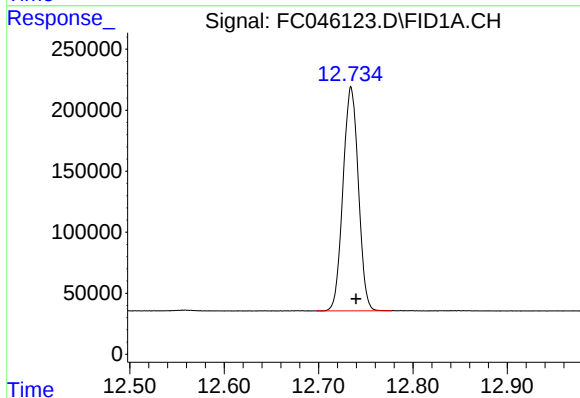
#8 n-Octadecane (C18)

R.T.: 11.432 min
Delta R.T.: -0.005 min
Response: 2137856
Conc: 20.34 ug/ml



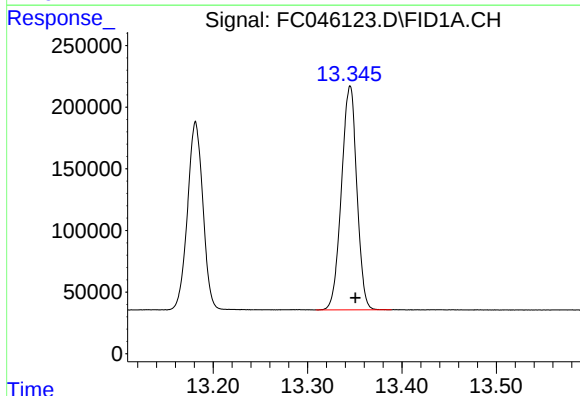
#9 ortho-Terphenyl (SURR)

R.T.: 11.763 min
Delta R.T.: -0.007 min
Response: 2231175
Conc: 19.56 ug/ml



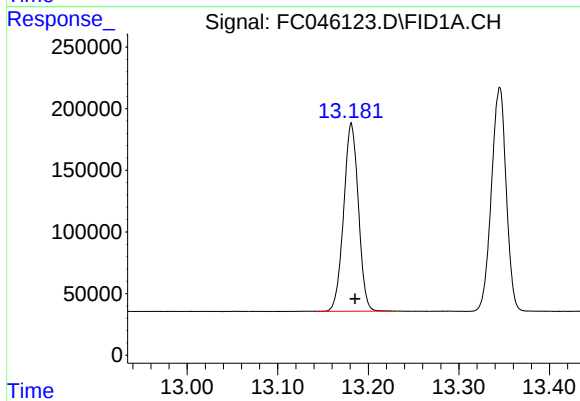
#10 n-Eicosane (C20)

R.T.: 12.734 min
Delta R.T.: -0.005 min
Response: 2078348
Conc: 19.66 ug/ml



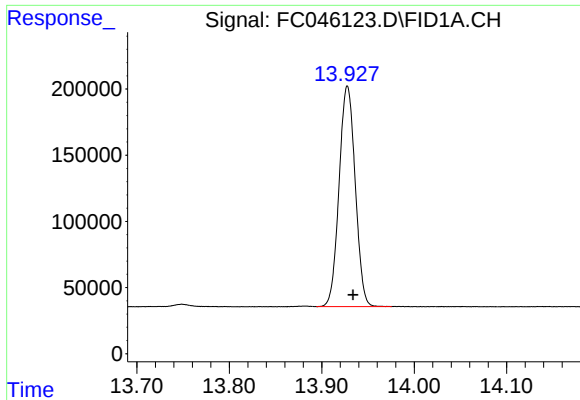
#11 n-Heneicosane (C21)

R.T.: 13.345 min
Delta R.T.: -0.006 min
Response: 2060026
Conc: 19.31 ug/ml



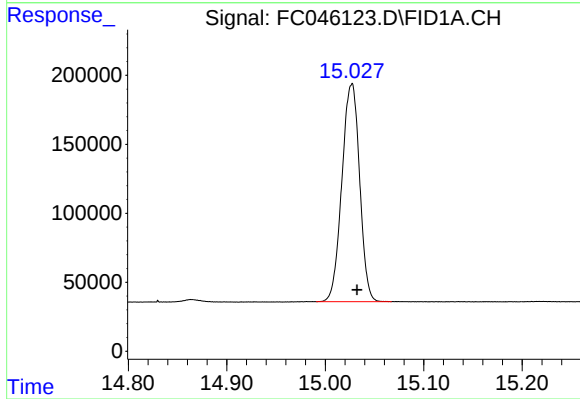
#12 1-chlorooctadecane (SURR)

R.T.: 13.181 min
Delta R.T.: -0.004 min
Response: 1722077
Conc: 19.20 ug/ml



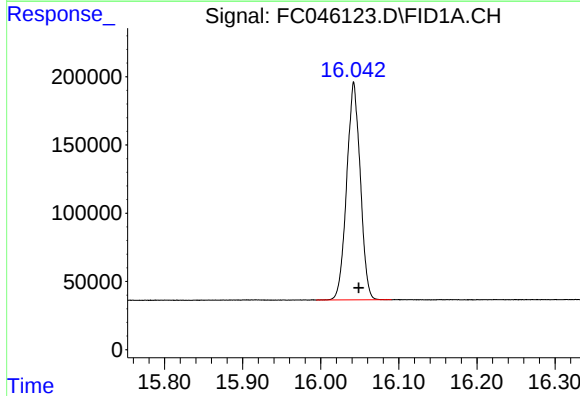
#13 n-Docosane (C22)

R.T.: 13.928 min
Delta R.T.: -0.006 min
Response: 2019780
Conc: 19.01 ug/ml



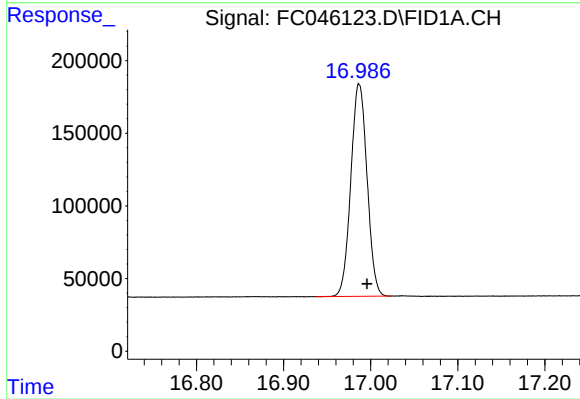
#14 n-Tetracosane (C24)

R.T.: 15.027 min
Delta R.T.: -0.005 min
Response: 1974975
Conc: 18.45 ug/ml



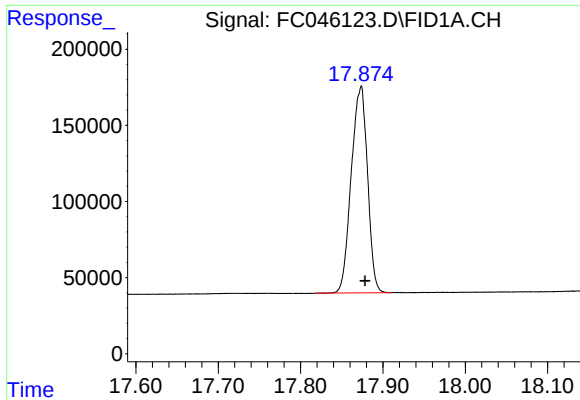
#15 n-Hexacosane (C26)

R.T.: 16.042 min
Delta R.T.: -0.006 min
Response: 1926679
Conc: 18.13 ug/ml



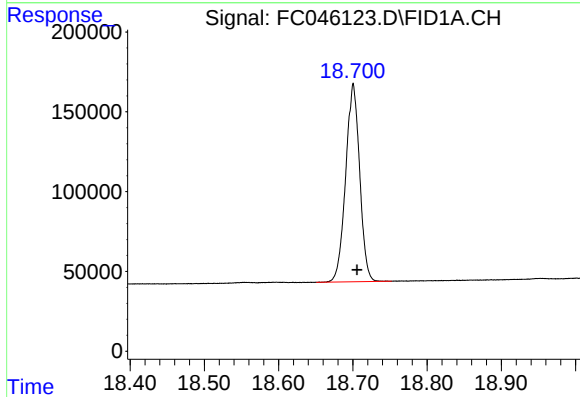
#16 n-Octacosane (C28)

R.T.: 16.987 min
Delta R.T.: -0.009 min
Response: 1891859
Conc: 18.07 ug/ml



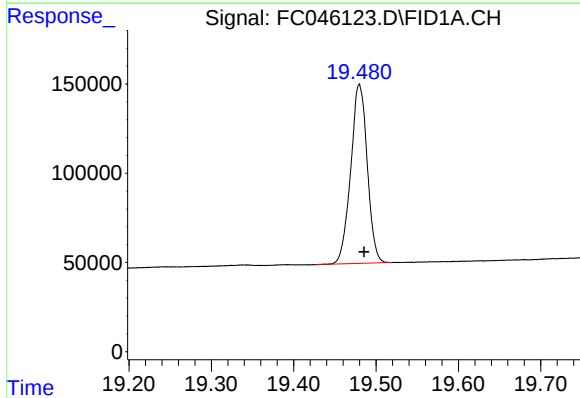
#17 n-Tricontane (C30)

R.T.: 17.873 min
Delta R.T.: -0.005 min
Response: 1861103
Conc: 18.47 ug/ml



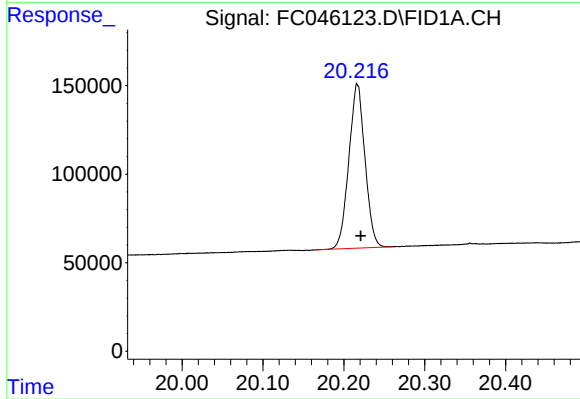
#18 n-Dotriacontane (C32)

R.T.: 18.701 min
Delta R.T.: -0.005 min
Response: 1623810
Conc: 18.97 ug/ml



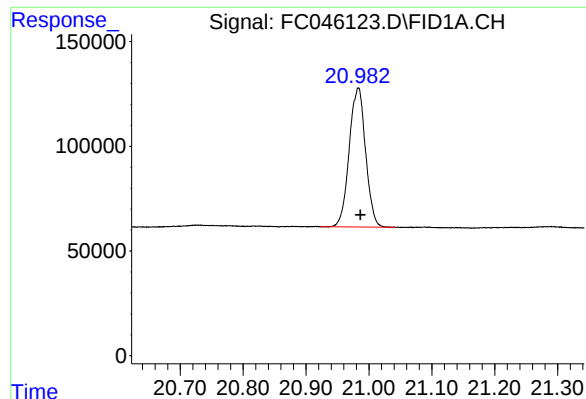
#19 n-Tetratriacontane (C34)

R.T.: 19.480 min
Delta R.T.: -0.006 min
Response: 1399137
Conc: 19.28 ug/ml



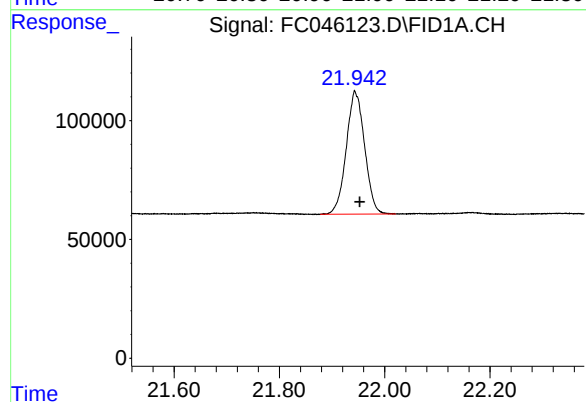
#20 n-Hexatriacontane (C36)

R.T.: 20.217 min
Delta R.T.: -0.004 min
Response: 1283790
Conc: 18.98 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.983 min
Delta R.T.: -0.003 min
Response: 1200834
Conc: 19.87 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.943 min
Delta R.T.: -0.010 min
Response: 1247830
Conc: 19.85 ug/ml