

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042220AL\
 Data File : FC047037.D
 Signal(s) : FID1A.CH
 Acq On : 23 Apr 2020 6:40
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Apr 23 07:13:11 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)	11.751	2155371	19.717 ug/ml
Spiked Amount 50.000		Recovery =	39.43%
12) S 1-chlorooctadecane (S...	13.166	1694281	19.660 ug/ml
Spiked Amount 50.000		Recovery =	39.32%
Target Compounds			
1) T n-Nonane (C9)	3.548	2023918	21.074 ug/ml
2) T n-Decane (C10)	4.614	2110959	21.979 ug/ml
3) T A~Naphthalene (C11.7)	6.213	2120047	21.159 ug/ml
4) T n-Dodecane (C12)	6.618	2164316	22.173 ug/ml
5) T A~2-methylnaphthalene...	7.262	2143733	21.204 ug/ml
6) T n-Tetradecane (C14)	8.398	2138271	21.715 ug/ml
7) T n-Hexadecane (C16)	9.986	2120325	21.239 ug/ml
8) T n-Octadecane (C18)	11.419	2099738	20.688 ug/ml
10) T n-Eicosane (C20)	12.720	2068797	20.236 ug/ml
11) T n-Heneicosane (C21)	13.328	2038236	19.769 ug/ml
13) T n-Docosane (C22)	13.911	2087731	20.338 ug/ml
14) T n-Tetracosane (C24)	15.008	2195801	21.272 ug/ml
15) T n-Hexacosane (C26)	16.024	2227848	21.714 ug/ml
16) T n-Octacosane (C28)	16.967	2277338	22.376 ug/ml
17) T n-Tricontane (C30)	17.850	2277194	23.243 ug/ml
18) T n-Dotriacontane (C32)	18.678	1898925	22.649 ug/ml
19) T n-Tetratriacontane (C34)	19.457	1598316	22.308 ug/ml
20) T n-Hexatriacontane (C36)	20.194	1437733	20.523 ug/ml
21) T n-Octatriacontane (C38)	20.951	1327818	21.042 ug/ml
22) T n-Tetracontane (C40)	21.908	1369171	19.786 ug/ml

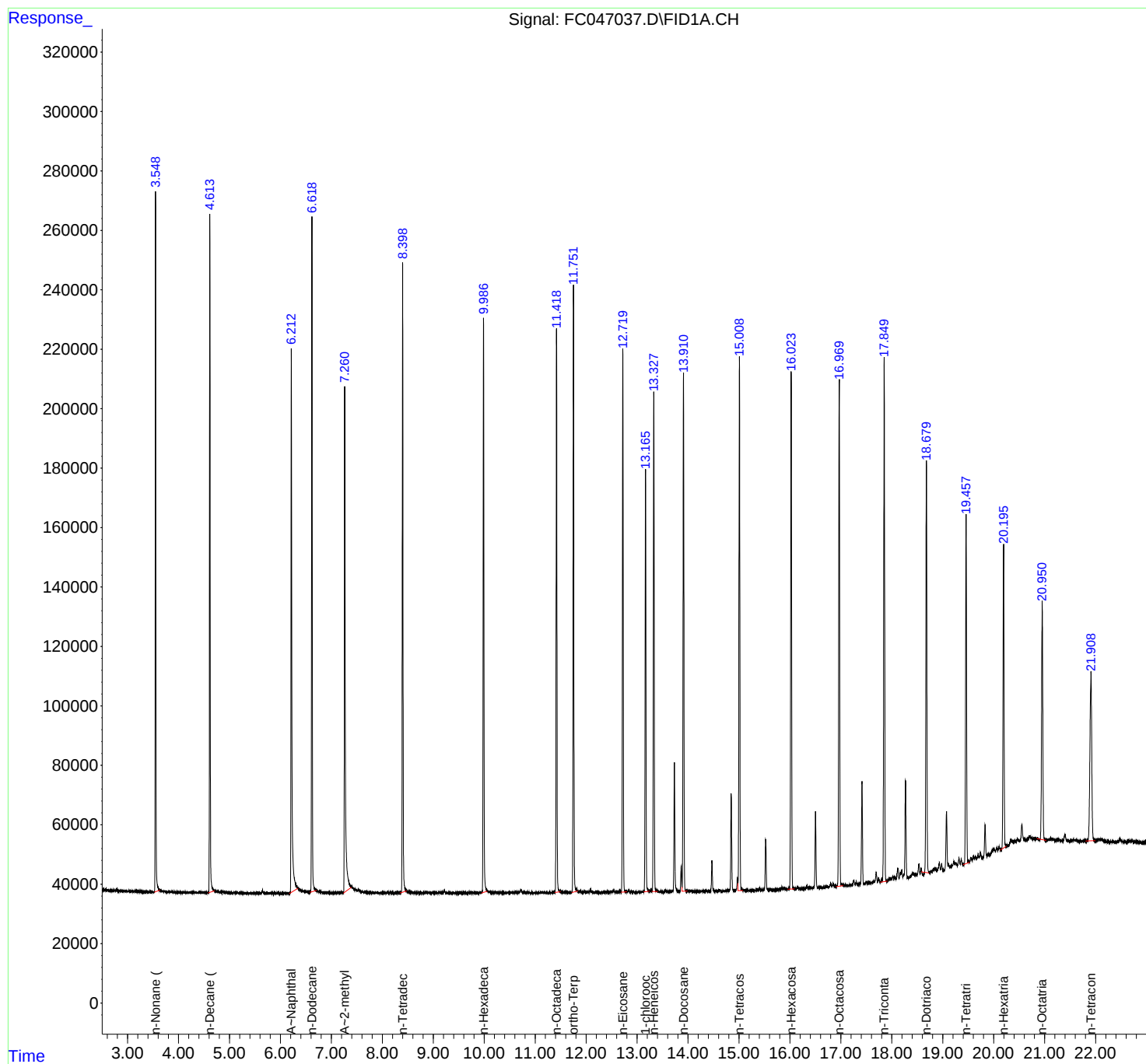
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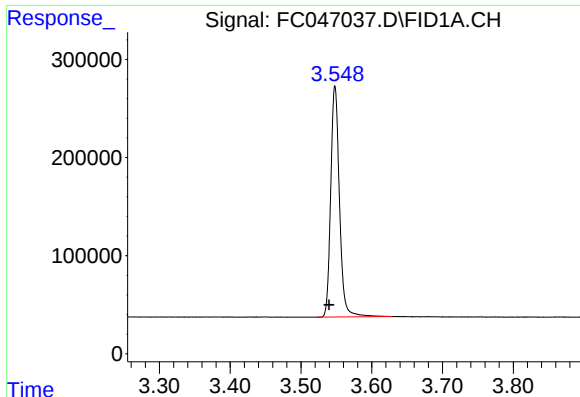
(m)=manual int.

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Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.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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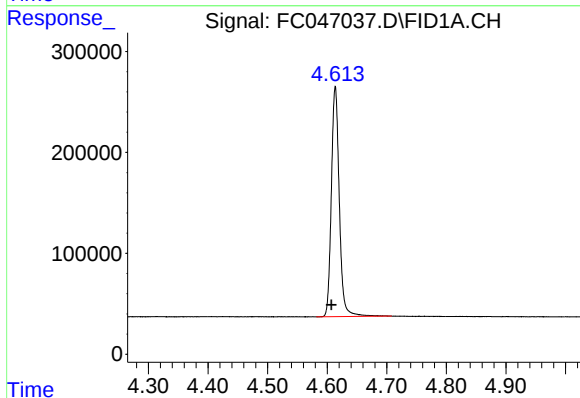
Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





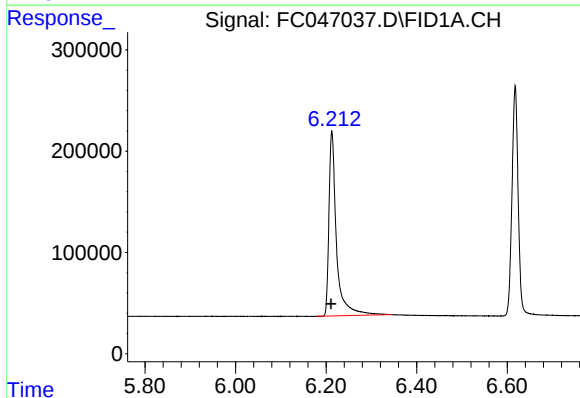
#1 n-Nonane (C9)

R.T.: 3.548 min
Delta R.T.: 0.008 min
Response: 2023918
Conc: 21.07 ug/ml



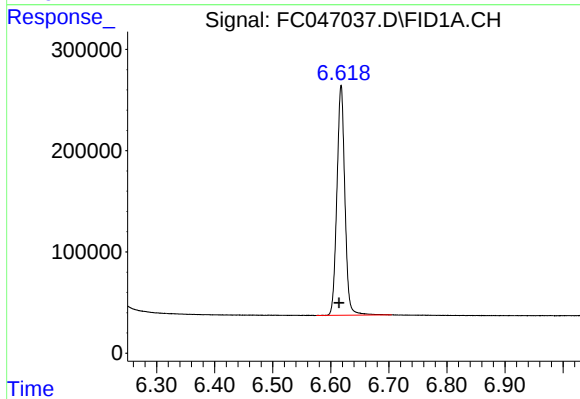
#2 n-Decane (C10)

R.T.: 4.614 min
Delta R.T.: 0.007 min
Response: 2110959
Conc: 21.98 ug/ml



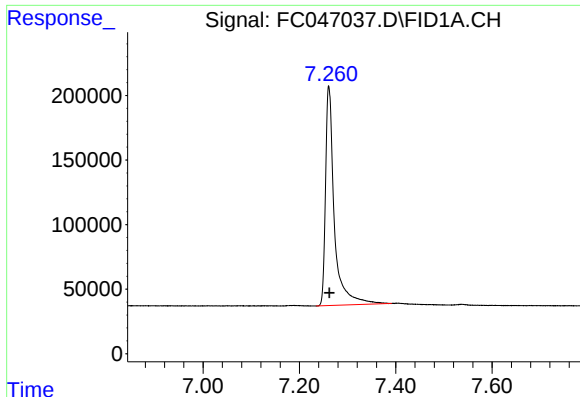
#3 A~Naphthalene (C11.7)

R.T.: 6.213 min
Delta R.T.: 0.002 min
Response: 2120047
Conc: 21.16 ug/ml



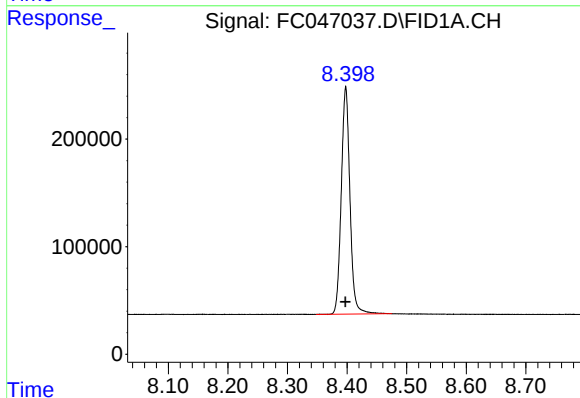
#4 n-Dodecane (C12)

R.T.: 6.618 min
Delta R.T.: 0.003 min
Response: 2164316
Conc: 22.17 ug/ml



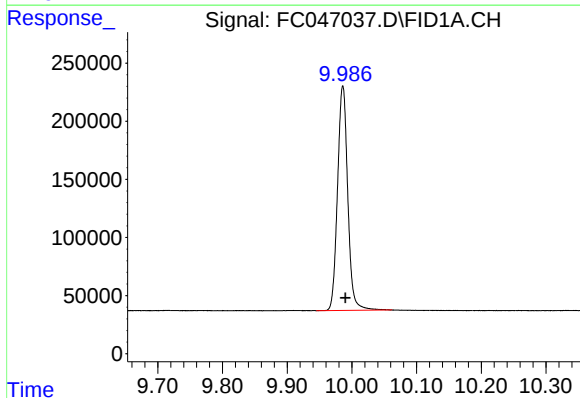
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.262 min
Delta R.T.: 0.000 min
Response: 2143733
Conc: 21.20 ug/ml



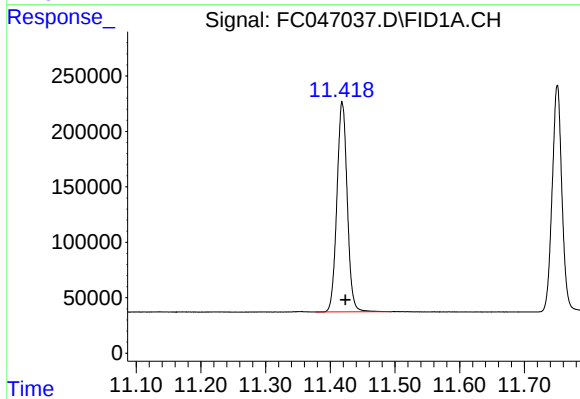
#6 n-Tetradecane (C14)

R.T.: 8.398 min
Delta R.T.: 0.000 min
Response: 2138271
Conc: 21.72 ug/ml



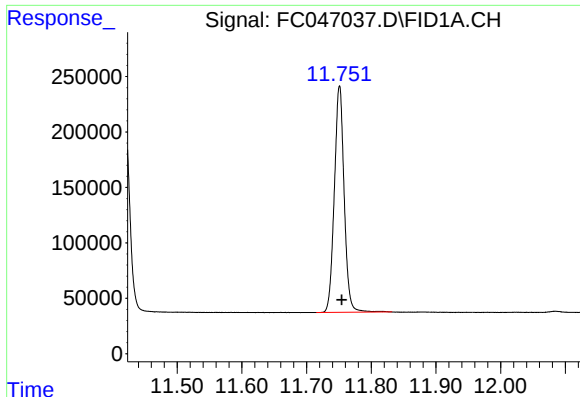
#7 n-Hexadecane (C16)

R.T.: 9.986 min
Delta R.T.: -0.004 min
Response: 2120325
Conc: 21.24 ug/ml



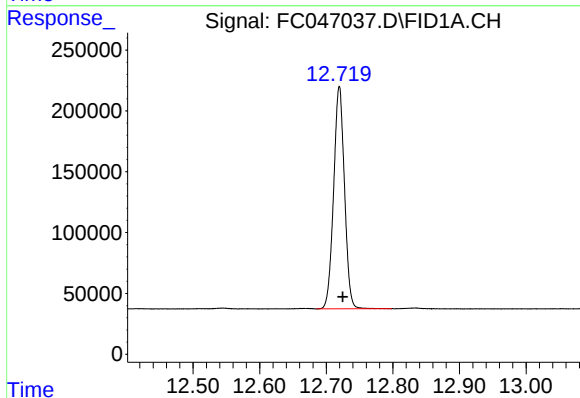
#8 n-Octadecane (C18)

R.T.: 11.419 min
Delta R.T.: -0.005 min
Response: 2099738
Conc: 20.69 ug/ml



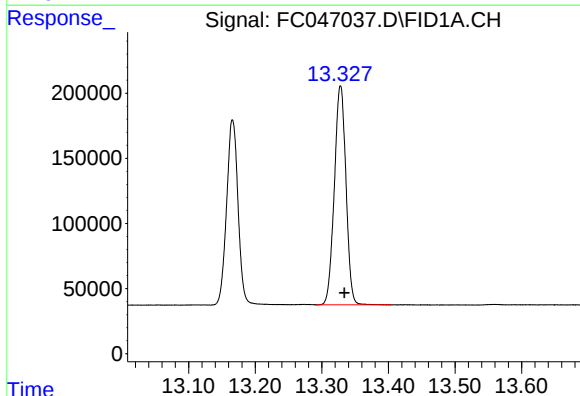
#9 ortho-Terphenyl (SURR)

R.T.: 11.751 min
Delta R.T.: -0.003 min
Response: 2155371
Conc: 19.72 ug/ml



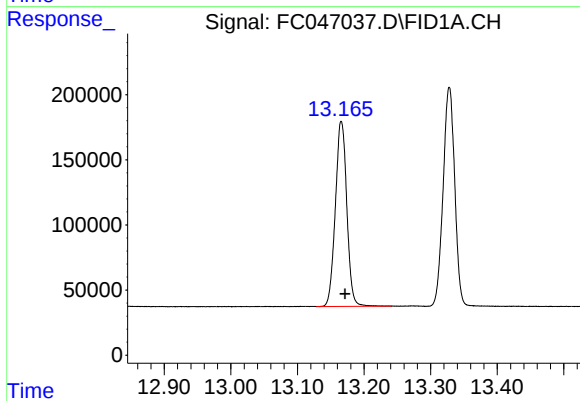
#10 n-Eicosane (C20)

R.T.: 12.720 min
Delta R.T.: -0.005 min
Response: 2068797
Conc: 20.24 ug/ml



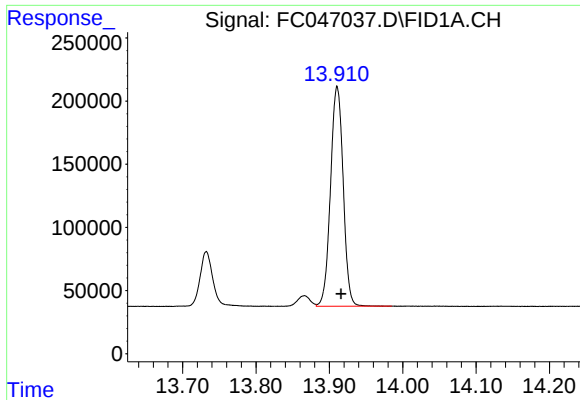
#11 n-Heneicosane (C21)

R.T.: 13.328 min
Delta R.T.: -0.006 min
Response: 2038236
Conc: 19.77 ug/ml



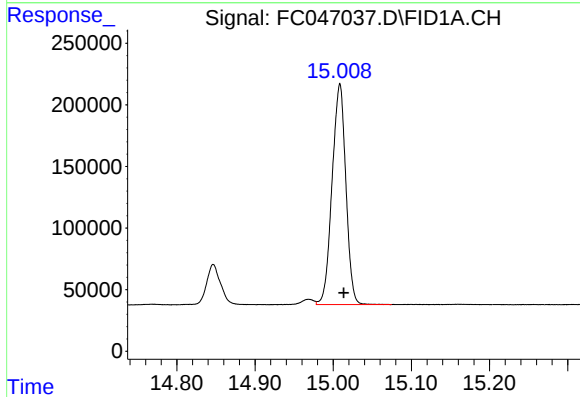
#12 1-chlorooctadecane (SURR)

R.T.: 13.166 min
Delta R.T.: -0.005 min
Response: 1694281
Conc: 19.66 ug/ml



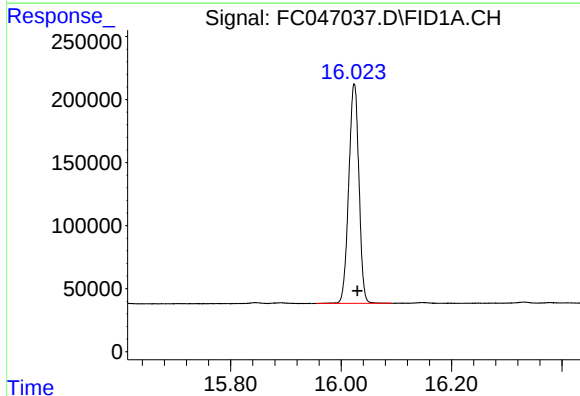
#13 n-Docosane (C22)

R.T.: 13.911 min
Delta R.T.: -0.005 min
Response: 2087731
Conc: 20.34 ug/ml



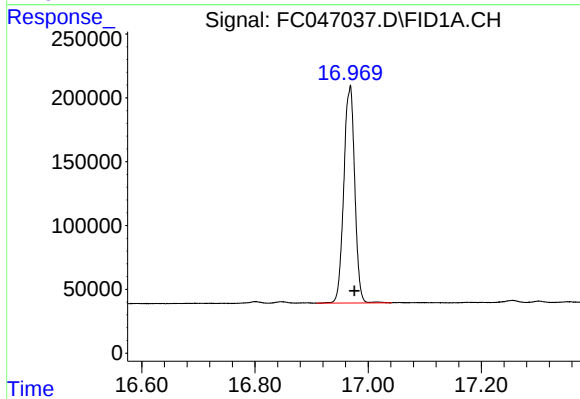
#14 n-Tetracosane (C24)

R.T.: 15.008 min
Delta R.T.: -0.005 min
Response: 2195801
Conc: 21.27 ug/ml



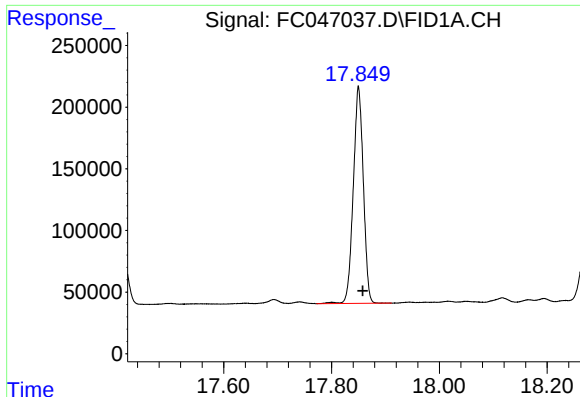
#15 n-Hexacosane (C26)

R.T.: 16.024 min
Delta R.T.: -0.006 min
Response: 2227848
Conc: 21.71 ug/ml



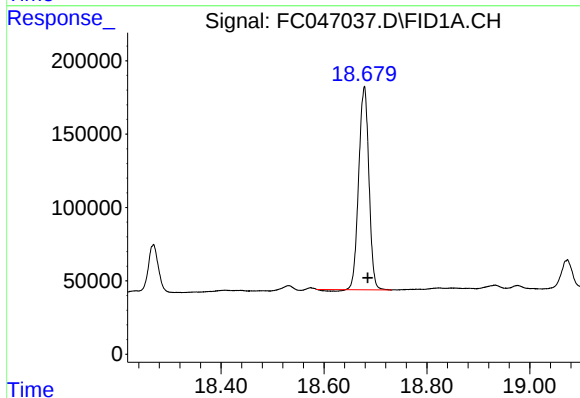
#16 n-Octacosane (C28)

R.T.: 16.967 min
Delta R.T.: -0.008 min
Response: 2277338
Conc: 22.38 ug/ml



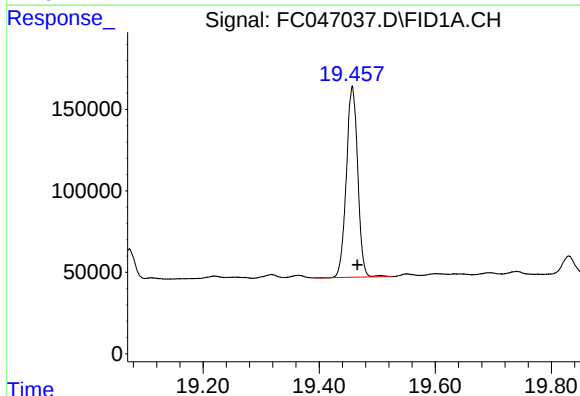
#17 n-Tricontane (C30)

R.T.: 17.850 min
Delta R.T.: -0.008 min
Response: 2277194
Conc: 23.24 ug/ml



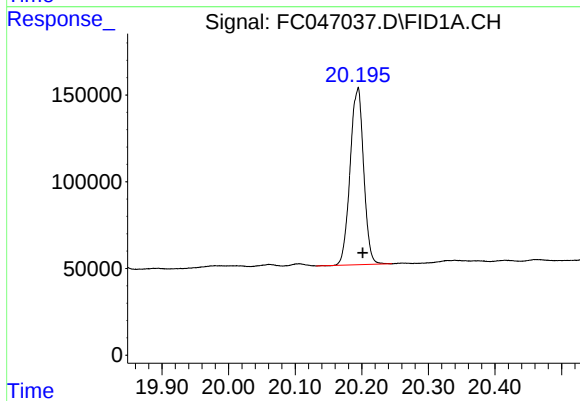
#18 n-Dotriacontane (C32)

R.T.: 18.678 min
Delta R.T.: -0.007 min
Response: 1898925
Conc: 22.65 ug/ml



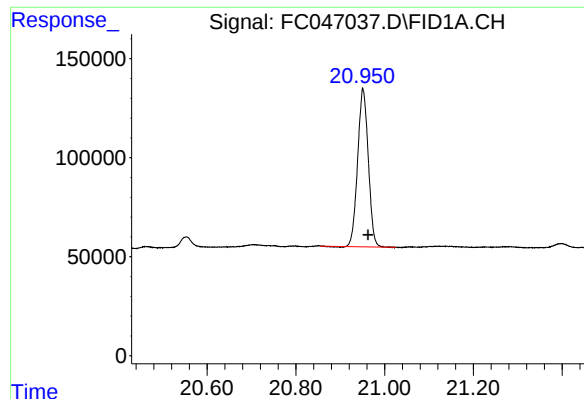
#19 n-Tetratriacontane (C34)

R.T.: 19.457 min
Delta R.T.: -0.009 min
Response: 1598316
Conc: 22.31 ug/ml



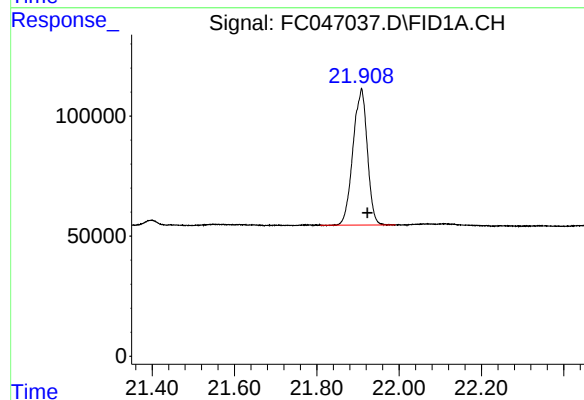
#20 n-Hexatriacontane (C36)

R.T.: 20.194 min
Delta R.T.: -0.008 min
Response: 1437733
Conc: 20.52 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.951 min
Delta R.T.: -0.011 min
Response: 1327818
Conc: 21.04 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.908 min
Delta R.T.: -0.014 min
Response: 1369171
Conc: 19.79 ug/ml