

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050819AL\
 Data File : FC041085.D
 Signal(s) : FID1A.CH
 Acq On : 08 May 2019 22:11
 Operator : AJ\SJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: May 09 03:16:22 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 042219.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 22 15:26:11 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)	11.027	2167039	20.801 ug/ml
Spiked Amount 50.000		Recovery =	41.60%
12) S 1-chlorooctadecane (S...	12.455	1717316	20.726 ug/ml
Spiked Amount 50.000		Recovery =	41.45%
Target Compounds			
1) T n-Nonane (C9)	2.866	1811870	20.080 ug/ml
2) T n-Decane (C10)	3.886	1851072	20.156 ug/ml
3) T A~Naphthalene (C11.7)	5.462	2186350	21.039 ug/ml
4) T n-Dodecane (C12)	5.878	1855449	20.015 ug/ml
5) T A~2-methylnaphthalene...	6.511	2199183	20.968 ug/ml
6) T n-Tetradecane (C14)	7.668	1877265	19.720 ug/ml
7) T n-Hexadecane (C16)	9.265	1888198	19.610 ug/ml
8) T n-Octadecane (C18)	10.703	1901699	19.570 ug/ml
10) T n-Eicosane (C20)	12.009	1944156	20.287 ug/ml
11) T n-Heneicosane (C21)	12.620	1940235	20.737 ug/ml
13) T n-Docosane (C22)	13.205	1964766	21.234 ug/ml
14) T n-Tetracosane (C24)	14.306	2012188	22.083 ug/ml
15) T n-Hexacosane (C26)	15.324	2022438	22.533 ug/ml
16) T n-Octacosane (C28)	16.273	2048660	21.862 ug/ml
17) T n-Tricontane (C30)	17.159	2045937	19.141 ug/mlm
18) T n-Dotriacontane (C32)	17.989	1924863	19.499 ug/mlm
19) T n-Tetratriacontane (C34)	18.807	1700766	22.338 ug/ml
20) T n-Hexatriacontane (C36)	19.832	1464673	21.974 ug/ml
21) T n-Octatriacontane (C38)	21.219	1346659	21.020 ug/ml
22) T n-Tetracontane (C40)	23.142	1138378	18.067 ug/mlm

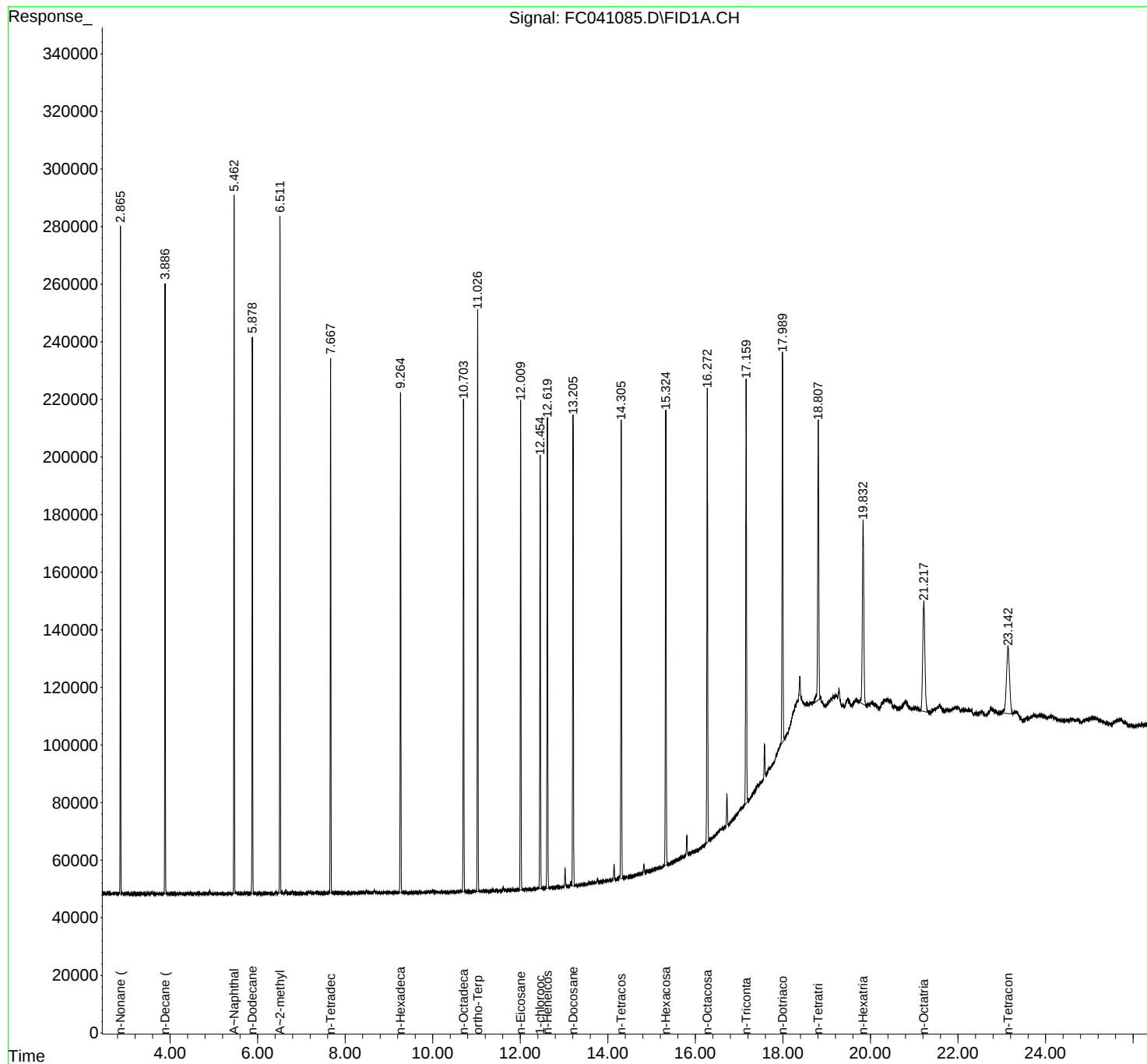
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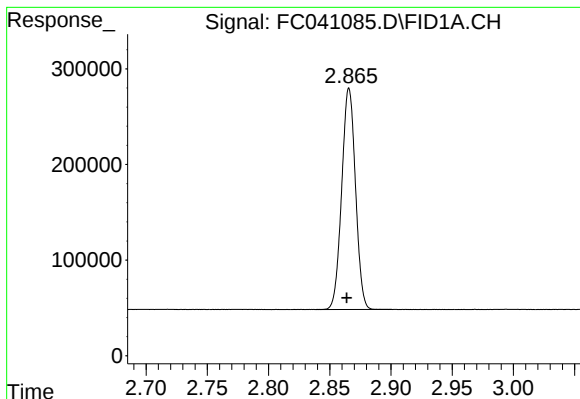
(m)=manual int.

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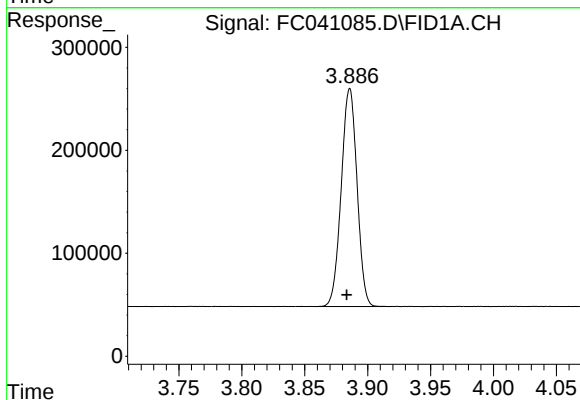
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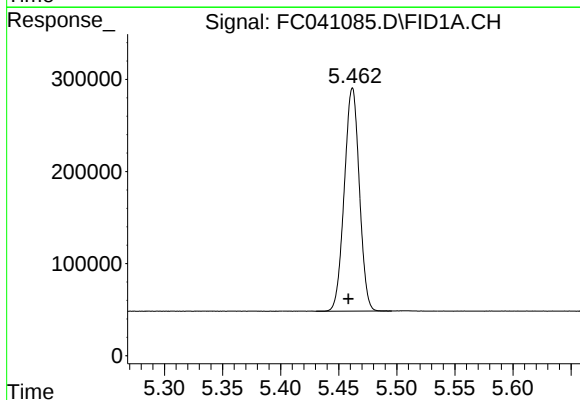
#1 n-Nonane (C9)

R.T.: 2.866 min
Delta R.T.: 0.002 min
Response: 1811870
Conc: 20.08 ug/ml



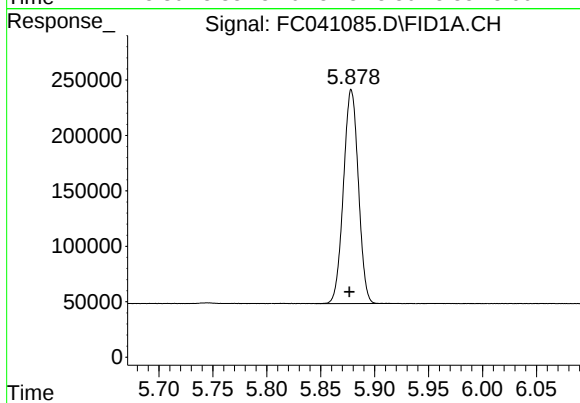
#2 n-Decane (C10)

R.T.: 3.886 min
Delta R.T.: 0.002 min
Response: 1851072
Conc: 20.16 ug/ml



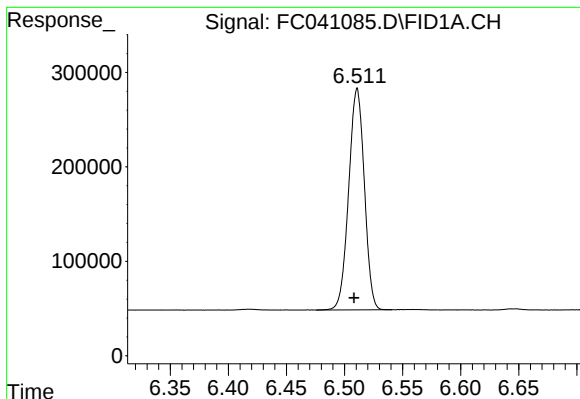
#3 A~Naphthalene (C11.7)

R.T.: 5.462 min
Delta R.T.: 0.003 min
Response: 2186350
Conc: 21.04 ug/ml



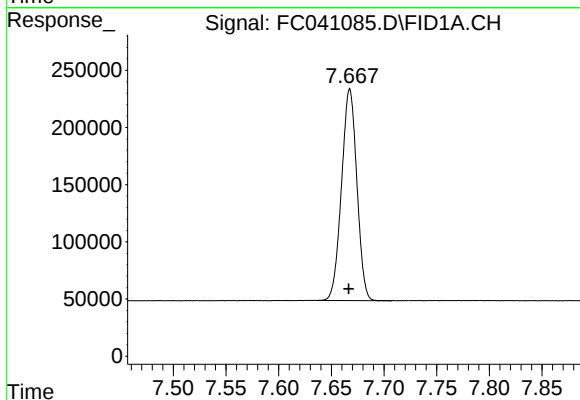
#4 n-Dodecane (C12)

R.T.: 5.878 min
Delta R.T.: 0.002 min
Response: 1855449
Conc: 20.01 ug/ml



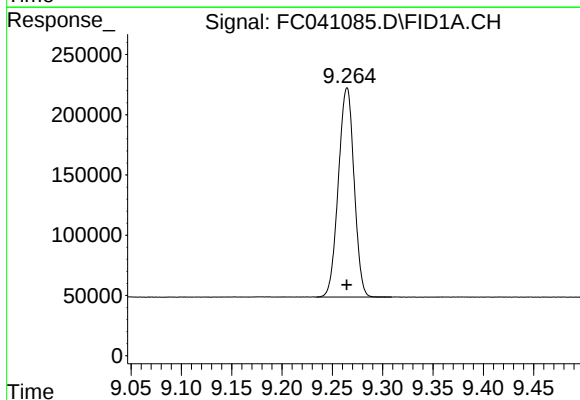
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.511 min
Delta R.T.: 0.003 min
Response: 2199183
Conc: 20.97 ug/ml



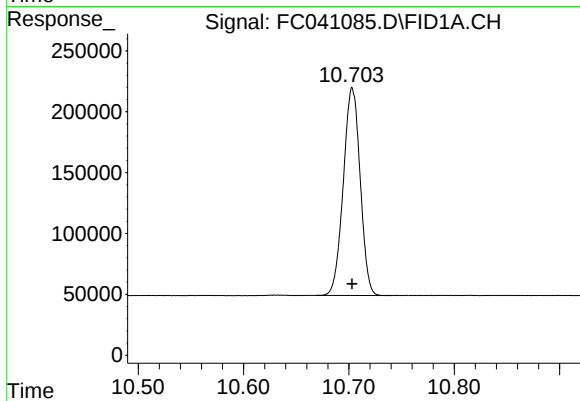
#6 n-Tetradecane (C14)

R.T.: 7.668 min
Delta R.T.: 0.000 min
Response: 1877265
Conc: 19.72 ug/ml



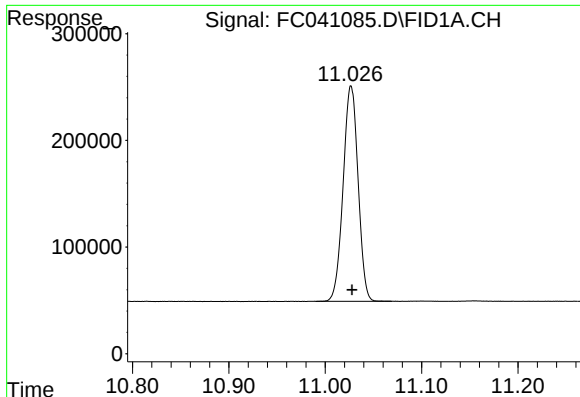
#7 n-Hexadecane (C16)

R.T.: 9.265 min
Delta R.T.: 0.000 min
Response: 1888198
Conc: 19.61 ug/ml



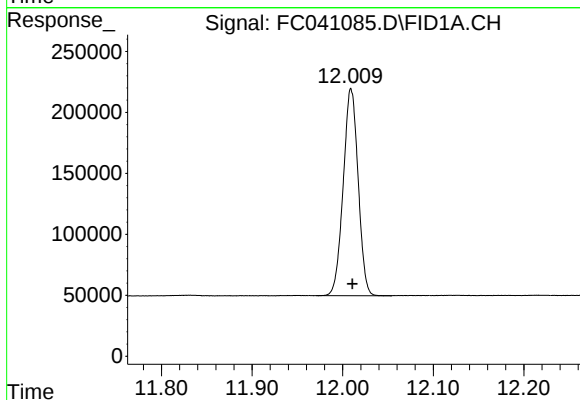
#8 n-Octadecane (C18)

R.T.: 10.703 min
Delta R.T.: 0.000 min
Response: 1901699
Conc: 19.57 ug/ml



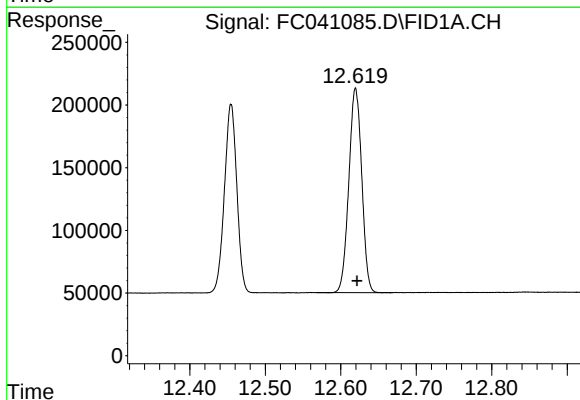
#9 ortho-Terphenyl (SURR)

R.T.: 11.027 min
Delta R.T.: 0.000 min
Response: 2167039
Conc: 20.80 ug/ml



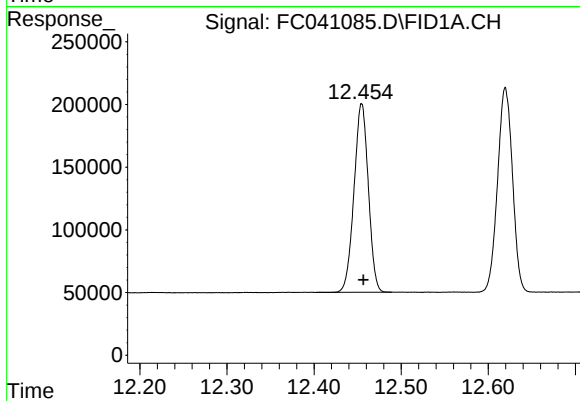
#10 n-Eicosane (C20)

R.T.: 12.009 min
Delta R.T.: -0.002 min
Response: 1944156
Conc: 20.29 ug/ml



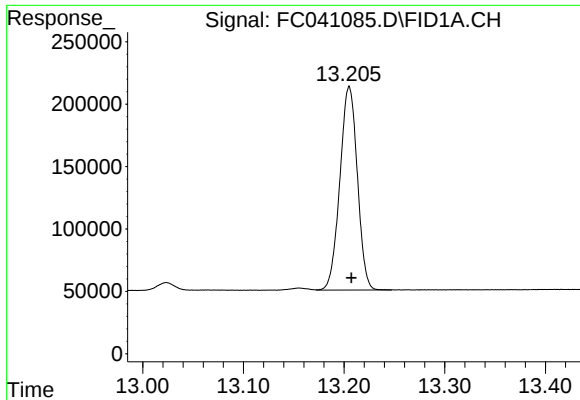
#11 n-Heneicosane (C21)

R.T.: 12.620 min
Delta R.T.: -0.002 min
Response: 1940235
Conc: 20.74 ug/ml



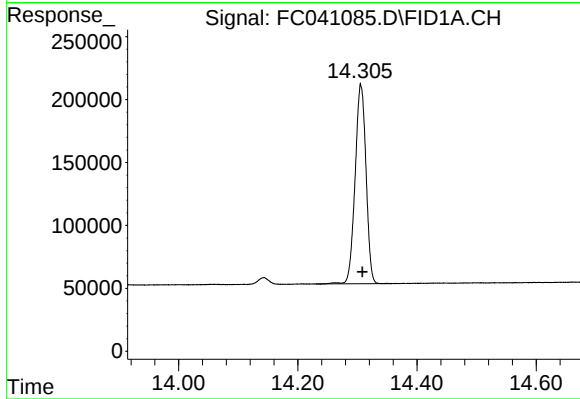
#12 1-chlorooctadecane (SURR)

R.T.: 12.455 min
Delta R.T.: -0.002 min
Response: 1717316
Conc: 20.73 ug/ml



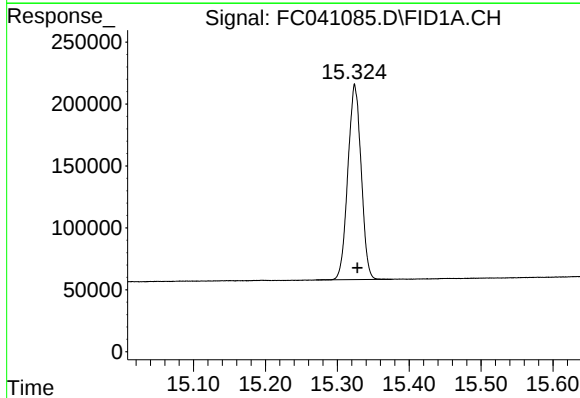
#13 n-Docosane (C22)

R.T.: 13.205 min
Delta R.T.: -0.002 min
Response: 1964766
Conc: 21.23 ug/ml



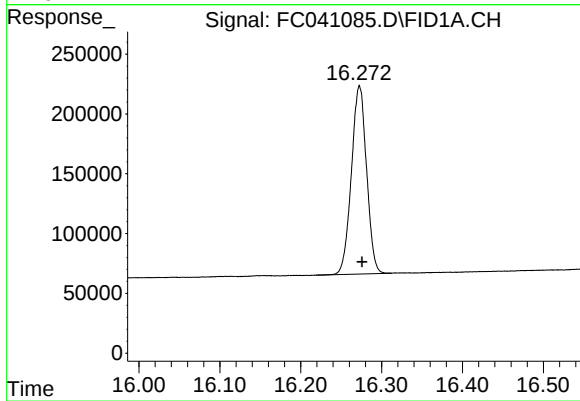
#14 n-Tetracosane (C24)

R.T.: 14.306 min
Delta R.T.: -0.002 min
Response: 2012188
Conc: 22.08 ug/ml



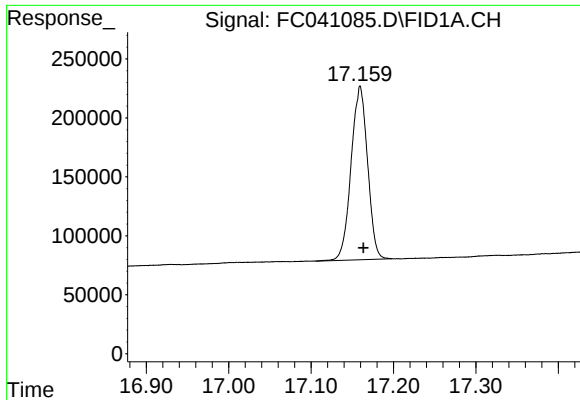
#15 n-Hexacosane (C26)

R.T.: 15.324 min
Delta R.T.: -0.004 min
Response: 2022438
Conc: 22.53 ug/ml



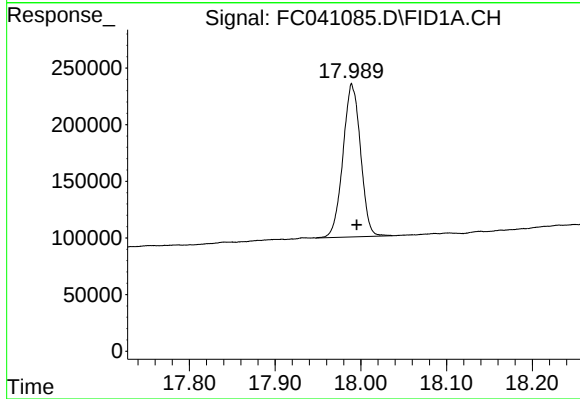
#16 n-Octacosane (C28)

R.T.: 16.273 min
Delta R.T.: -0.003 min
Response: 2048660
Conc: 21.86 ug/ml



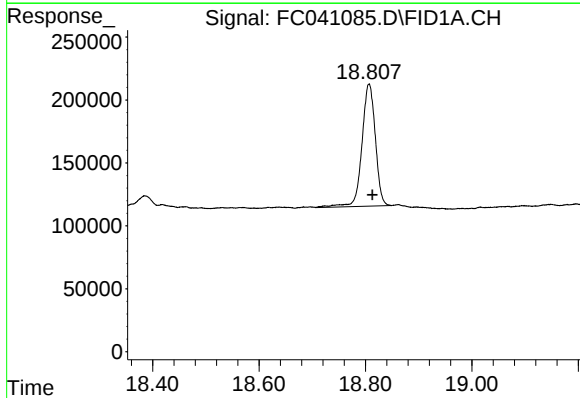
#17 n-Tricontane (C30)

R.T.: 17.159 min
Delta R.T.: -0.004 min
Response: 2045937
Conc: 19.14 ug/ml m



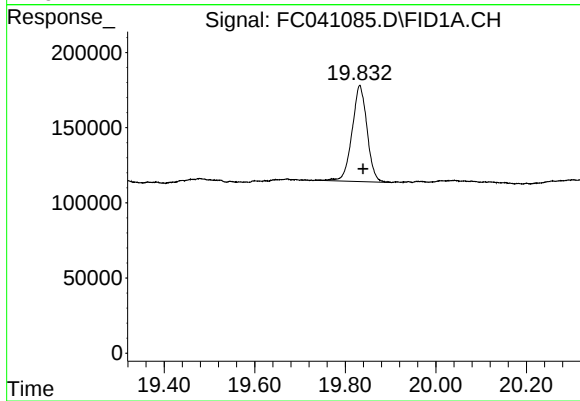
#18 n-Dotriacontane (C32)

R.T.: 17.989 min
Delta R.T.: -0.006 min
Response: 1924863
Conc: 19.50 ug/ml m



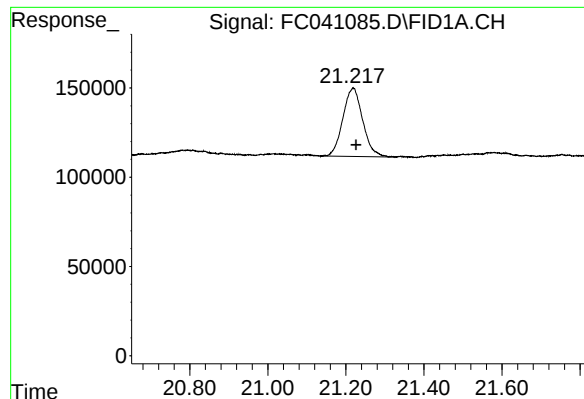
#19 n-Tetratriacontane (C34)

R.T.: 18.807 min
Delta R.T.: -0.006 min
Response: 1700766
Conc: 22.34 ug/ml



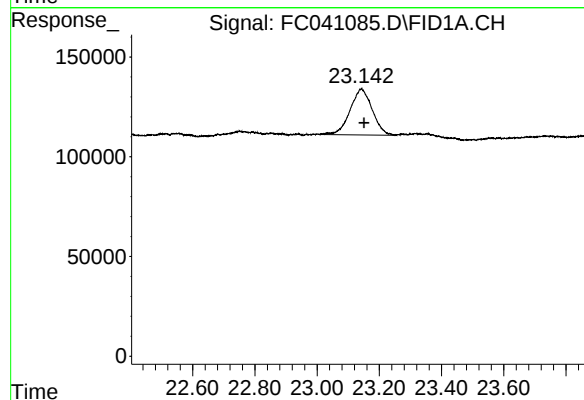
#20 n-Hexatriacontane (C36)

R.T.: 19.832 min
Delta R.T.: -0.007 min
Response: 1464673
Conc: 21.97 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.219 min
Delta R.T.: -0.007 min
Response: 1346659
Conc: 21.02 ug/ml



#22 n-Tetracontane (C40)

R.T.: 23.142 min
Delta R.T.: -0.009 min
Response: 1138378
Conc: 18.07 ug/ml m