

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082520AL\
 Data File : FC049224.D
 Signal(s) : FID1A.CH
 Acq On : 26 Aug 2020 3:13
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Aug 26 05:26:13 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 080720.M
 Quant Title : GC Extractables
 QLast Update : Sat Aug 08 02:38:47 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)	11.682	2300289	19.360 ug/ml
Spiked Amount 50.000		Recovery =	38.72%
12) S 1-chlorooctadecane (S...	13.114	1861765	19.138 ug/ml
Spiked Amount 50.000		Recovery =	38.28%
Target Compounds			
1) T n-Nonane (C9)	3.409	2076123	19.906 ug/ml
2) T n-Decane (C10)	4.485	2116885	20.182 ug/ml
3) T A~Naphthalene (C11.7)	6.087	2402312	20.313 ug/ml
4) T n-Dodecane (C12)	6.512	2186063	20.610 ug/ml
5) T A~2-methylnaphthalene...	7.147	2476415	20.539 ug/ml
6) T n-Tetradecane (C14)	8.312	2203909	20.928 ug/ml
7) T n-Hexadecane (C16)	9.914	2151358	20.496 ug/ml
8) T n-Octadecane (C18)	11.357	2217028	20.180 ug/ml
10) T n-Eicosane (C20)	12.668	2186517	19.648 ug/ml
11) T n-Heneicosane (C21)	13.280	2152996	19.273 ug/ml
13) T n-Docosane (C22)	13.866	2119333	18.855 ug/ml
14) T n-Tetracosane (C24)	14.969	2042123	17.962 ug/ml
15) T n-Hexacosane (C26)	15.990	1961212	17.141 ug/ml
16) T n-Octacosane (C28)	16.939	1909470	16.413 ug/ml
17) T n-Tricontane (C30)	17.826	1848449	15.990 ug/ml
18) T n-Dotriacontane (C32)	18.656	1715454	15.865 ug/mlm
19) T n-Tetratriacontane (C34)	19.439	1641497	15.827 ug/mlm
20) T n-Hexatriacontane (C36)	20.178	1603107	16.123 ug/mlm
21) T n-Octatriacontane (C38)	20.934	1553247	16.426 ug/ml
22) T n-Tetracontane (C40)	21.892	1570439	16.450 ug/mlm

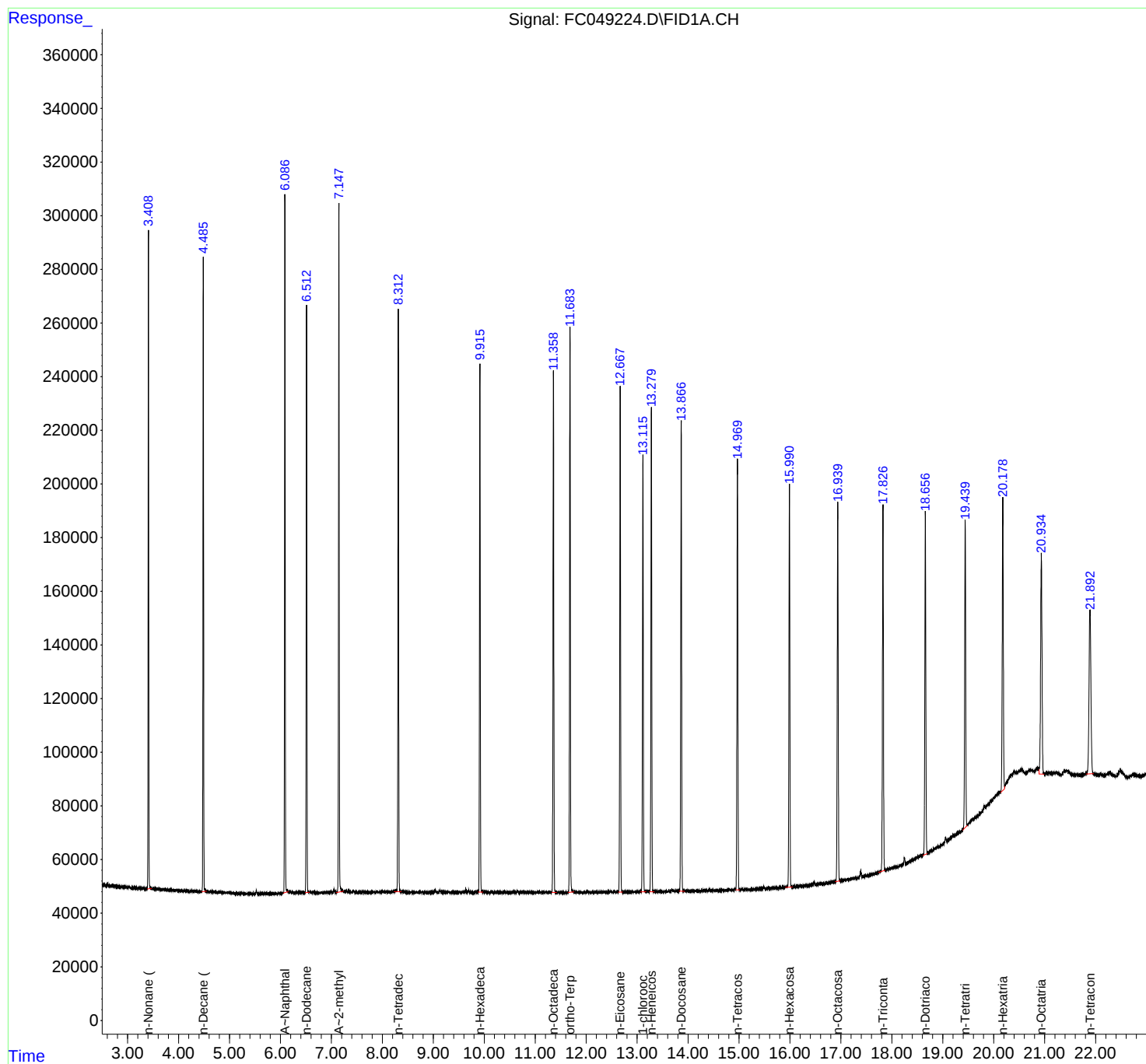
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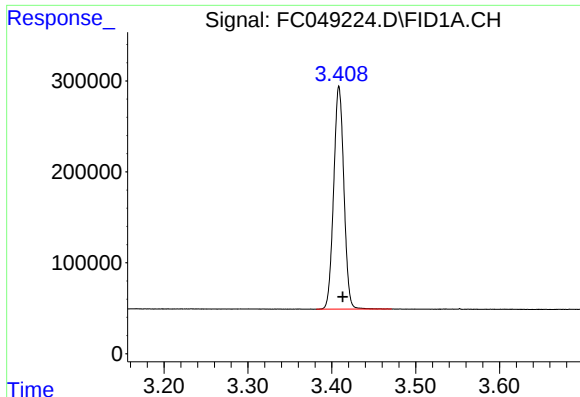
(m)=manual int.

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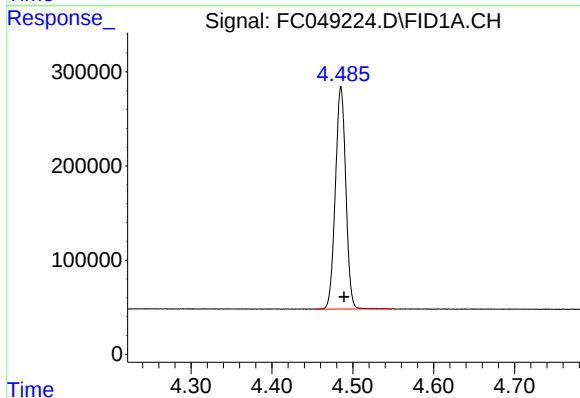
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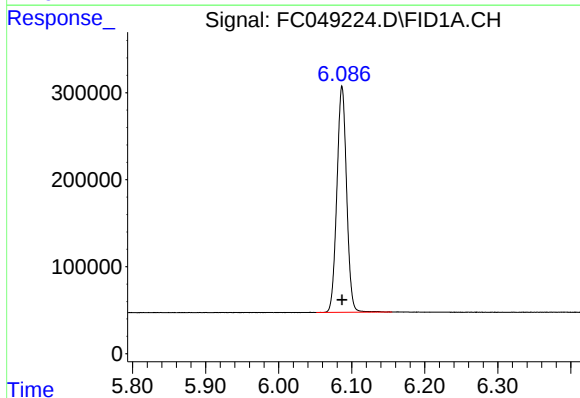
#1 n-Nonane (C9)

R.T.: 3.409 min
Delta R.T.: -0.004 min
Response: 2076123
Conc: 19.91 ug/ml



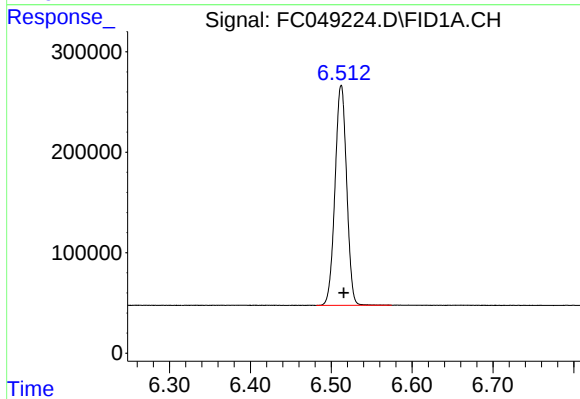
#2 n-Decane (C10)

R.T.: 4.485 min
Delta R.T.: -0.004 min
Response: 2116885
Conc: 20.18 ug/ml



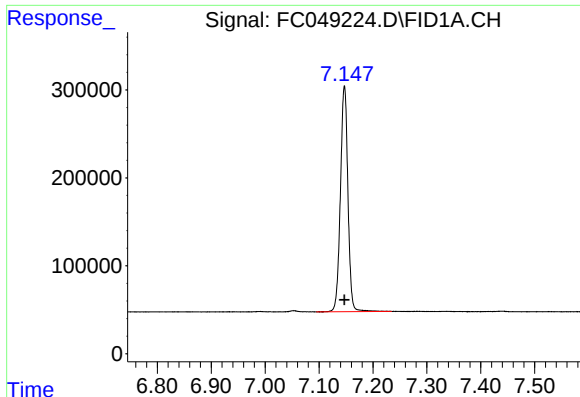
#3 A~Naphthalene (C11.7)

R.T.: 6.087 min
Delta R.T.: 0.000 min
Response: 2402312
Conc: 20.31 ug/ml



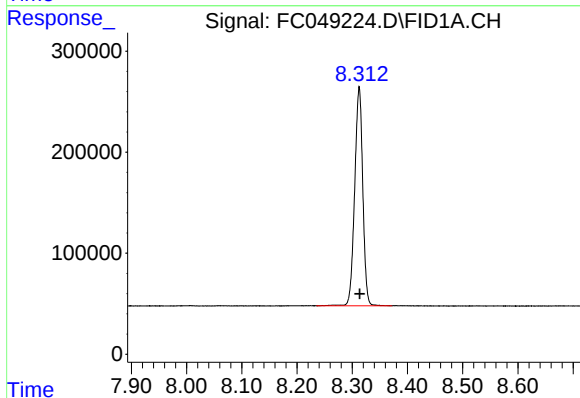
#4 n-Dodecane (C12)

R.T.: 6.512 min
Delta R.T.: -0.003 min
Response: 2186063
Conc: 20.61 ug/ml



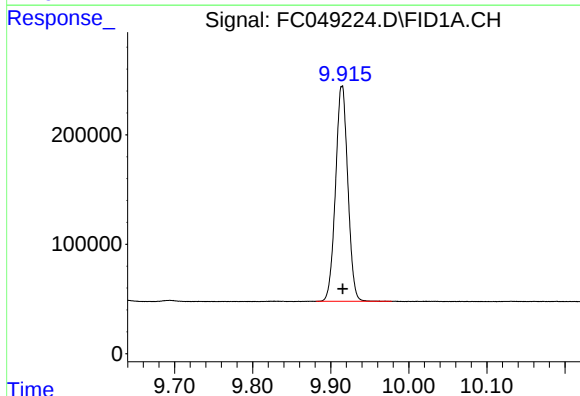
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.147 min
Delta R.T.: 0.000 min
Response: 2476415
Conc: 20.54 ug/ml



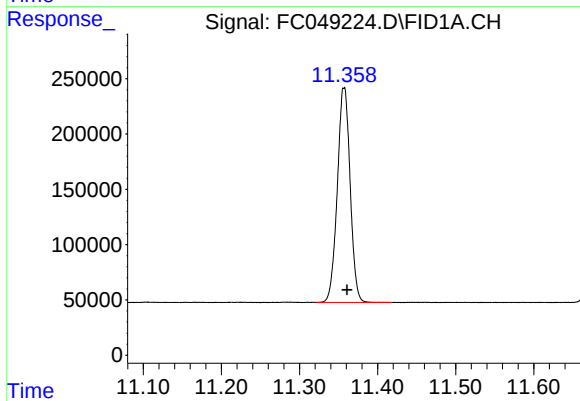
#6 n-Tetradecane (C14)

R.T.: 8.312 min
Delta R.T.: -0.001 min
Response: 2203909
Conc: 20.93 ug/ml



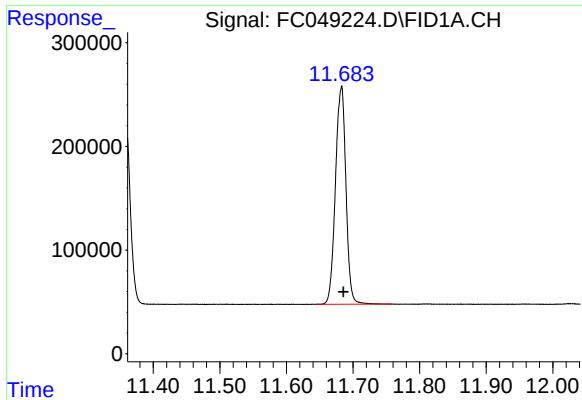
#7 n-Hexadecane (C16)

R.T.: 9.914 min
Delta R.T.: 0.000 min
Response: 2151358
Conc: 20.50 ug/ml



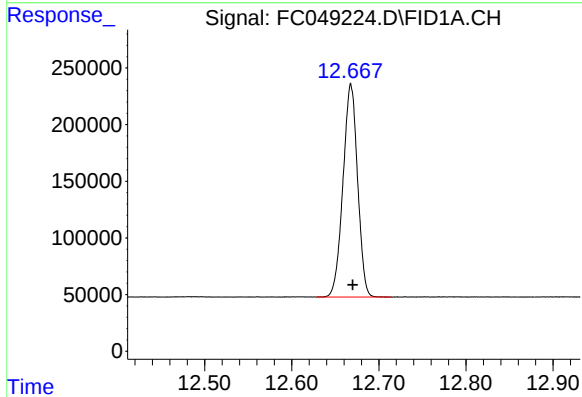
#8 n-Octadecane (C18)

R.T.: 11.357 min
Delta R.T.: -0.004 min
Response: 2217028
Conc: 20.18 ug/ml



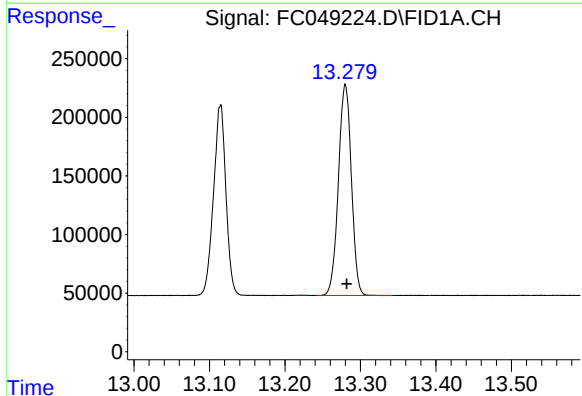
#9 ortho-Terphenyl (SURR)

R.T.: 11.682 min
Delta R.T.: -0.003 min
Response: 2300289
Conc: 19.36 ug/ml



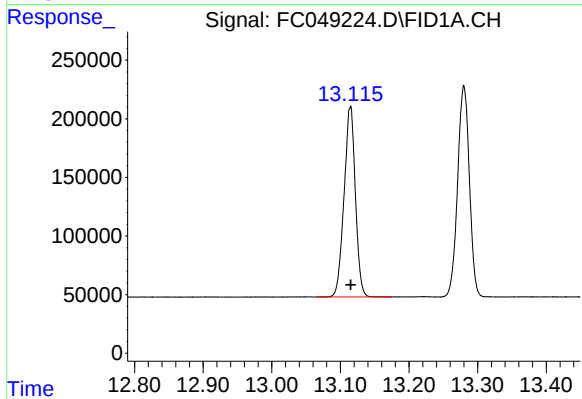
#10 n-Eicosane (C20)

R.T.: 12.668 min
Delta R.T.: -0.002 min
Response: 2186517
Conc: 19.65 ug/ml



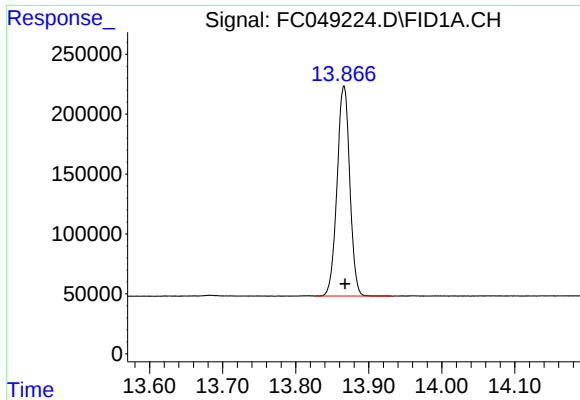
#11 n-Heneicosane (C21)

R.T.: 13.280 min
Delta R.T.: -0.002 min
Response: 2152996
Conc: 19.27 ug/ml



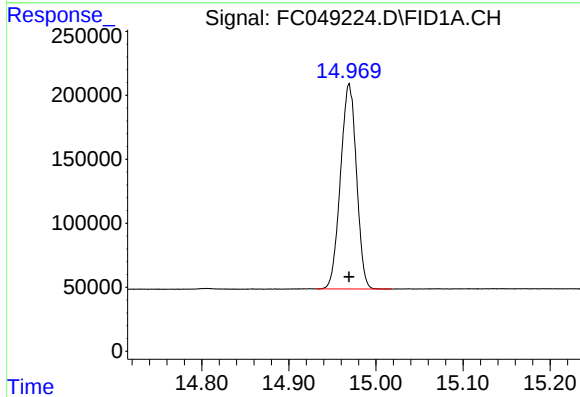
#12 1-chlorooctadecane (SURR)

R.T.: 13.114 min
Delta R.T.: 0.000 min
Response: 1861765
Conc: 19.14 ug/ml



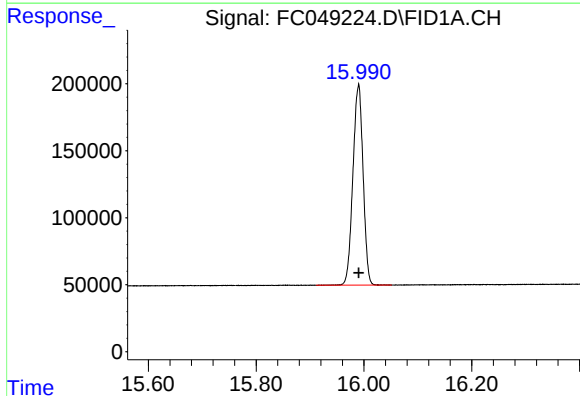
#13 n-Docosane (C22)

R.T.: 13.866 min
Delta R.T.: -0.001 min
Response: 2119333
Conc: 18.86 ug/ml



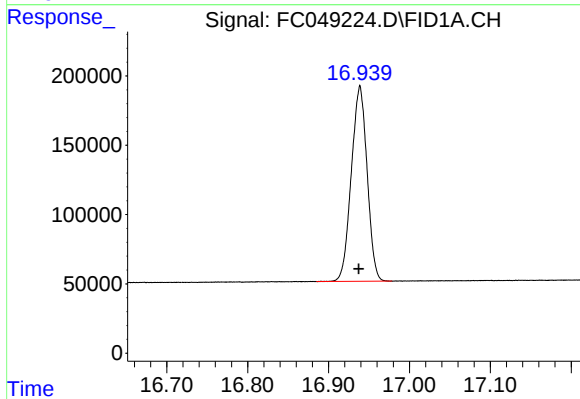
#14 n-Tetracosane (C24)

R.T.: 14.969 min
Delta R.T.: 0.000 min
Response: 2042123
Conc: 17.96 ug/ml



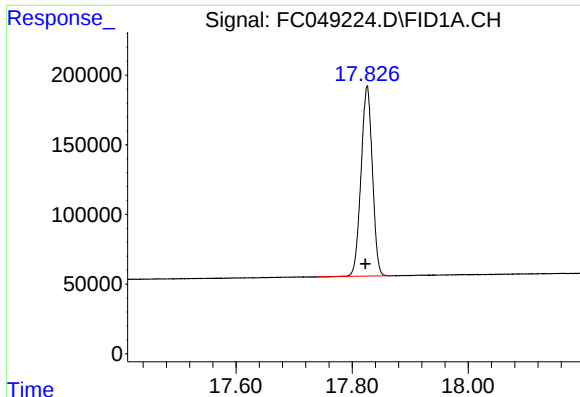
#15 n-Hexacosane (C26)

R.T.: 15.990 min
Delta R.T.: 0.000 min
Response: 1961212
Conc: 17.14 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.939 min
Delta R.T.: 0.001 min
Response: 1909470
Conc: 16.41 ug/ml



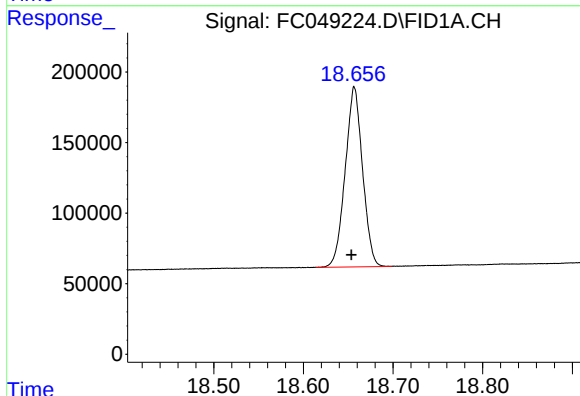
#17 n-Tricontane (C30)

R.T.: 17.826 min

Delta R.T.: 0.003 min

Response: 1848449

Conc: 15.99 ug/ml



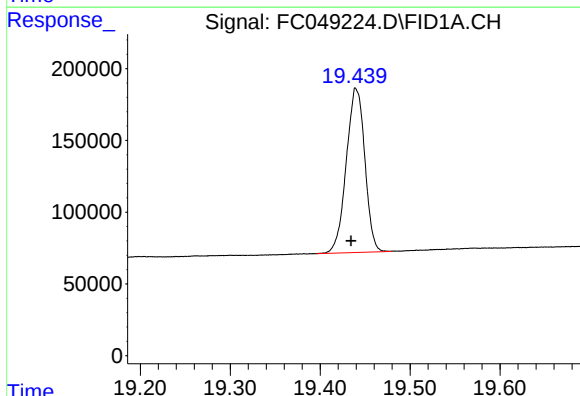
#18 n-Dotriacontane (C32)

R.T.: 18.656 min

Delta R.T.: 0.002 min

Response: 1715454

Conc: 15.87 ug/ml m



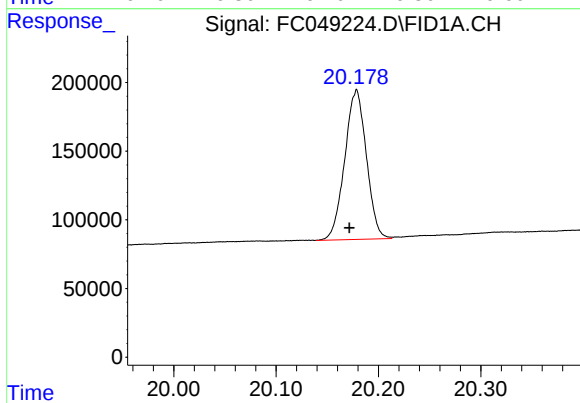
#19 n-Tetratriacontane (C34)

R.T.: 19.439 min

Delta R.T.: 0.004 min

Response: 1641497

Conc: 15.83 ug/ml m



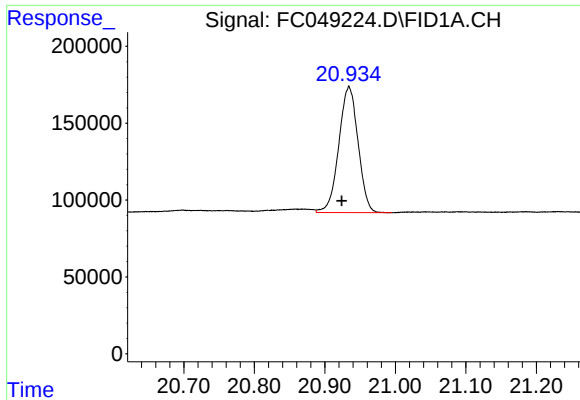
#20 n-Hexatriacontane (C36)

R.T.: 20.178 min

Delta R.T.: 0.007 min

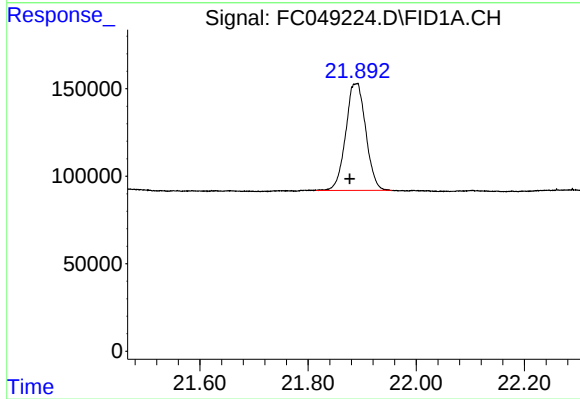
Response: 1603107

Conc: 16.12 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.934 min
Delta R.T.: 0.010 min
Response: 1553247
Conc: 16.43 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.892 min
Delta R.T.: 0.015 min
Response: 1570439
Conc: 16.45 ug/ml m