

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082120AL\
 Data File : FC049162.D
 Signal(s) : FID1A.CH
 Acq On : 21 Aug 2020 23:08
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 22 01:25:21 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)	11.677	2466575	20.760 ug/ml
Spiked Amount 50.000		Recovery =	41.52%
12) S 1-chlorooctadecane (S...	13.109	1996588	20.524 ug/ml
Spiked Amount 50.000		Recovery =	41.05%
Target Compounds			
1) T n-Nonane (C9)	3.408	2179073	20.893 ug/ml
2) T n-Decane (C10)	4.484	2242084	21.376 ug/ml
3) T A~Naphthalene (C11.7)	6.084	2559444	21.642 ug/ml
4) T n-Dodecane (C12)	6.510	2296335	21.650 ug/ml
5) T A~2-methylnaphthalene...	7.143	2624492	21.767 ug/ml
6) T n-Tetradecane (C14)	8.308	2321738	22.047 ug/ml
7) T n-Hexadecane (C16)	9.911	2276982	21.693 ug/ml
8) T n-Octadecane (C18)	11.353	2358685	21.470 ug/ml
10) T n-Eicosane (C20)	12.663	2338245	21.012 ug/ml
11) T n-Heneicosane (C21)	13.276	2307279	20.655 ug/ml
13) T n-Docosane (C22)	13.862	2278990	20.276 ug/ml
14) T n-Tetracosane (C24)	14.964	2216750	19.499 ug/ml
15) T n-Hexacosane (C26)	15.984	2111639	18.455 ug/ml
16) T n-Octacosane (C28)	16.933	2055016	17.664 ug/ml
17) T n-Tricontane (C30)	17.820	1995778	17.265 ug/ml
18) T n-Dotriacontane (C32)	18.652	1855335	17.159 ug/mlm
19) T n-Tetratriacontane (C34)	19.433	1770840	17.074 ug/mlm
20) T n-Hexatriacontane (C36)	20.172	1717426	17.273 ug/mlm
21) T n-Octatriacontane (C38)	20.924	1740235	18.403 ug/mlm
22) T n-Tetracontane (C40)	21.877	1687641	17.678 ug/mlm

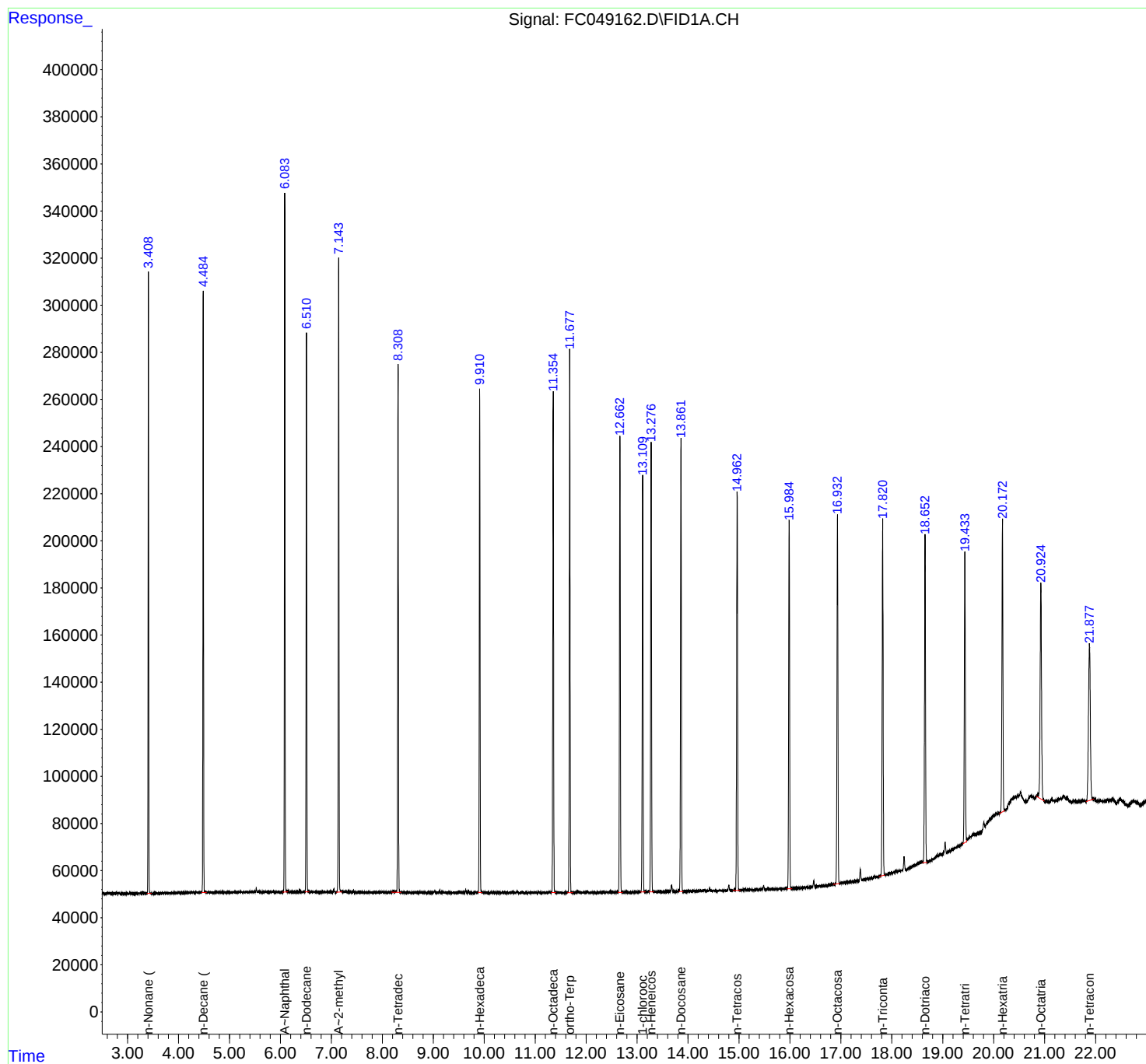
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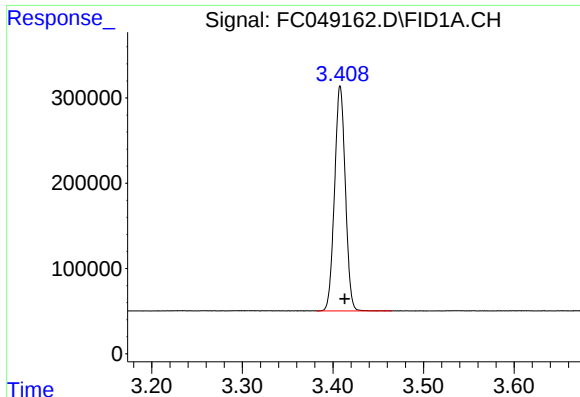
(m)=manual int.

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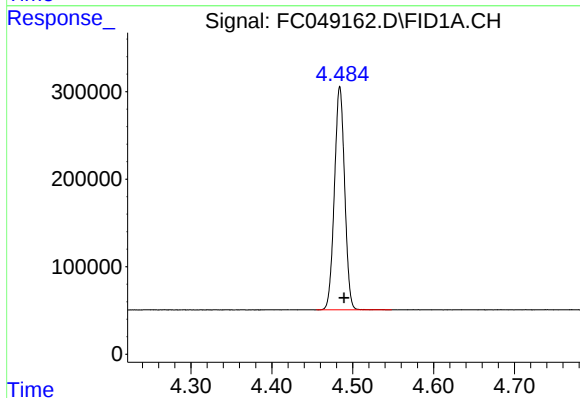
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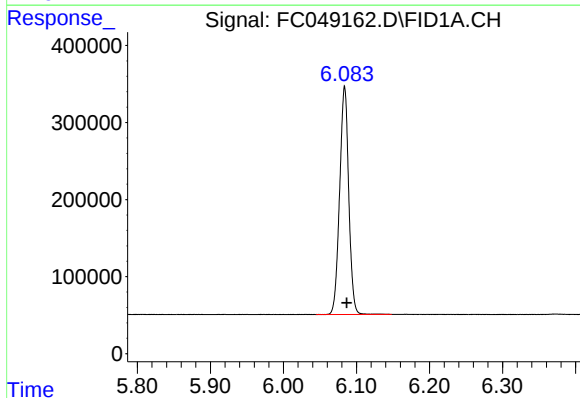
#1 n-Nonane (C9)

R.T.: 3.408 min
Delta R.T.: -0.005 min
Response: 2179073
Conc: 20.89 ug/ml



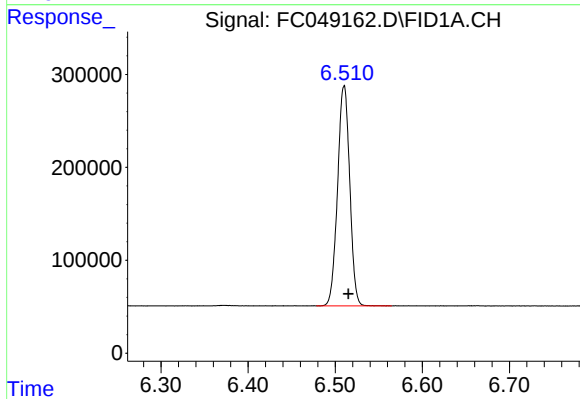
#2 n-Decane (C10)

R.T.: 4.484 min
Delta R.T.: -0.005 min
Response: 2242084
Conc: 21.38 ug/ml



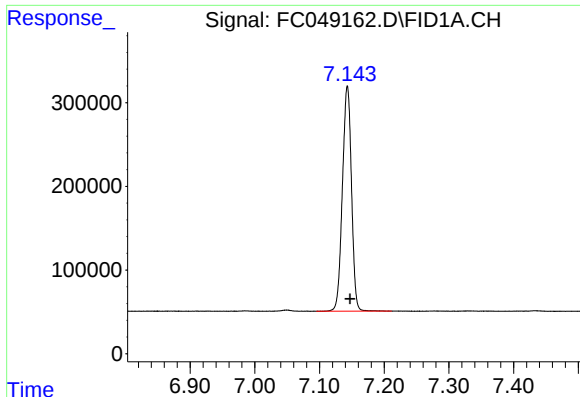
#3 A~Naphthalene (C11.7)

R.T.: 6.084 min
Delta R.T.: -0.003 min
Response: 2559444
Conc: 21.64 ug/ml



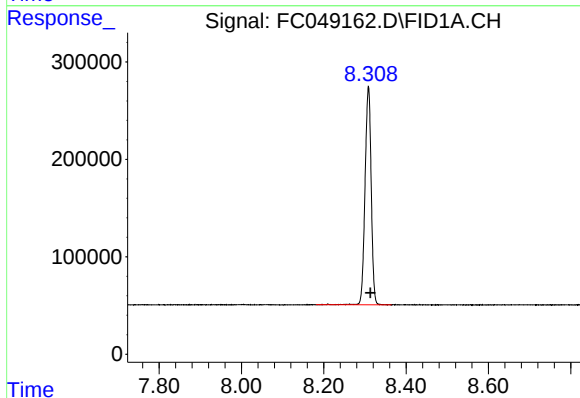
#4 n-Dodecane (C12)

R.T.: 6.510 min
Delta R.T.: -0.005 min
Response: 2296335
Conc: 21.65 ug/ml



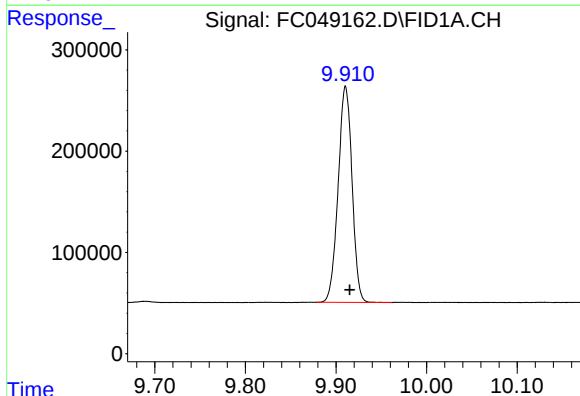
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.143 min
Delta R.T.: -0.004 min
Response: 2624492
Conc: 21.77 ug/ml



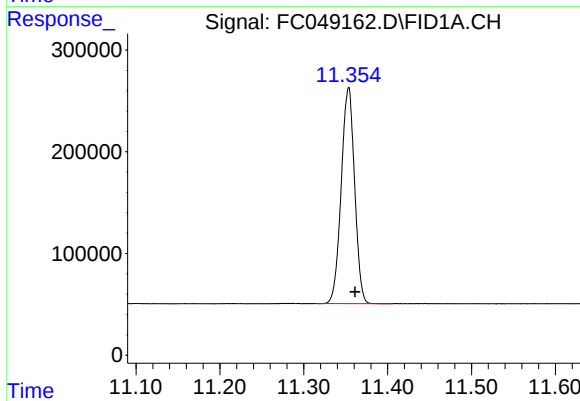
#6 n-Tetradecane (C14)

R.T.: 8.308 min
Delta R.T.: -0.005 min
Response: 2321738
Conc: 22.05 ug/ml



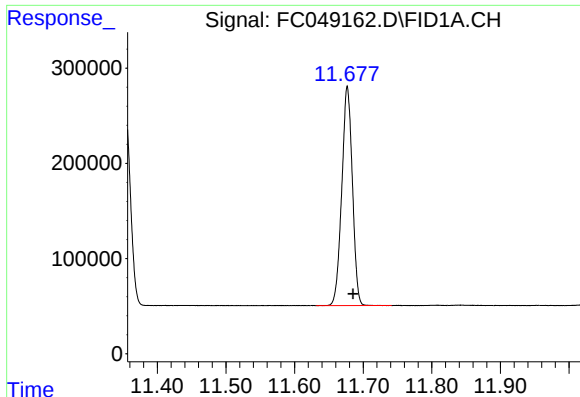
#7 n-Hexadecane (C16)

R.T.: 9.911 min
Delta R.T.: -0.005 min
Response: 2276982
Conc: 21.69 ug/ml



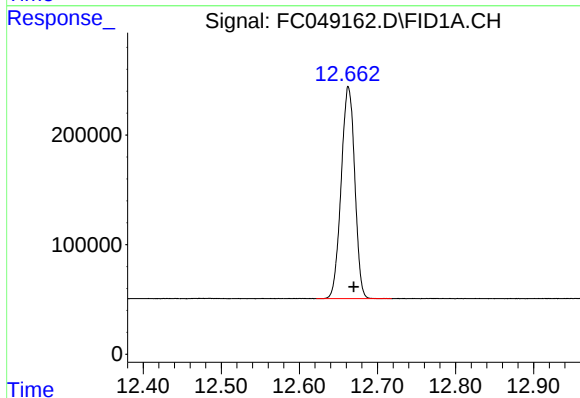
#8 n-Octadecane (C18)

R.T.: 11.353 min
Delta R.T.: -0.008 min
Response: 2358685
Conc: 21.47 ug/ml



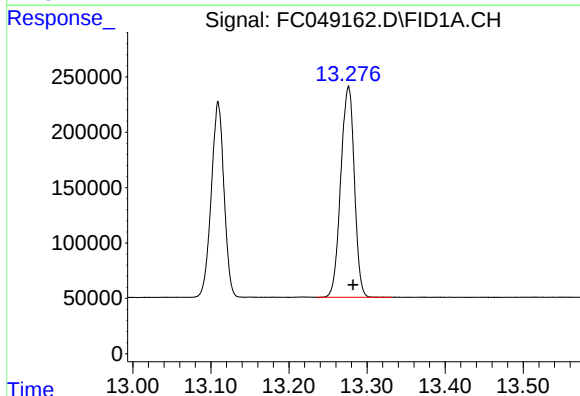
#9 ortho-Terphenyl (SURR)

R.T.: 11.677 min
Delta R.T.: -0.008 min
Response: 2466575
Conc: 20.76 ug/ml



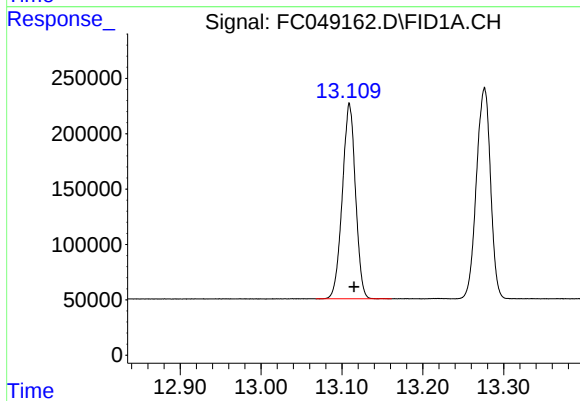
#10 n-Eicosane (C20)

R.T.: 12.663 min
Delta R.T.: -0.007 min
Response: 2338245
Conc: 21.01 ug/ml



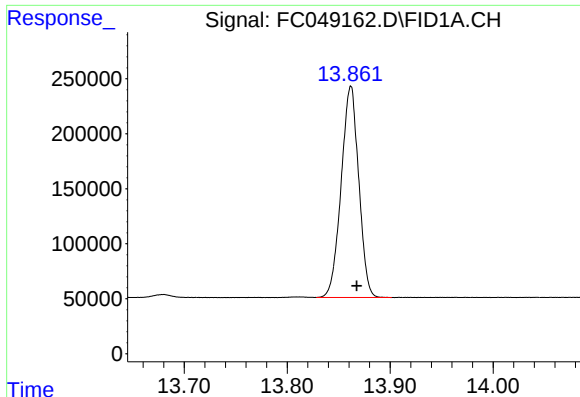
#11 n-Heneicosane (C21)

R.T.: 13.276 min
Delta R.T.: -0.006 min
Response: 2307279
Conc: 20.65 ug/ml



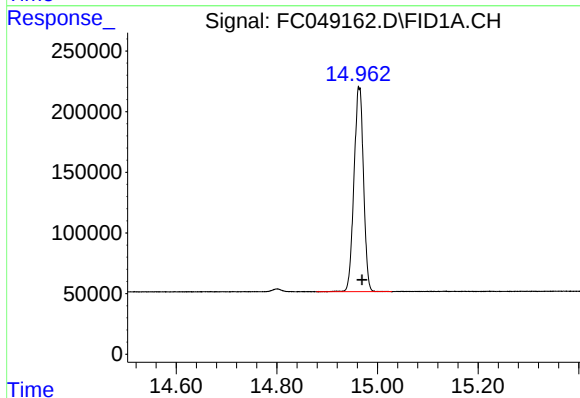
#12 1-chlorooctadecane (SURR)

R.T.: 13.109 min
Delta R.T.: -0.006 min
Response: 1996588
Conc: 20.52 ug/ml



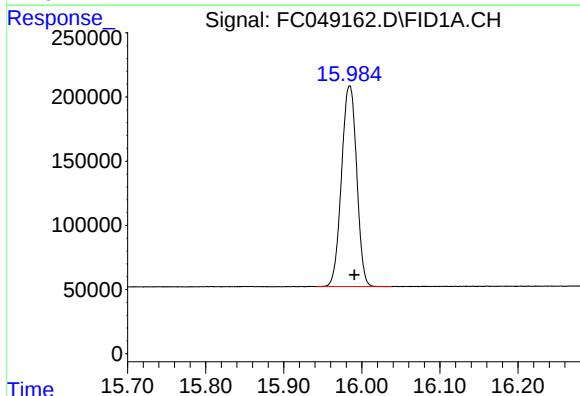
#13 n-Docosane (C22)

R.T.: 13.862 min
Delta R.T.: -0.006 min
Response: 2278990
Conc: 20.28 ug/ml



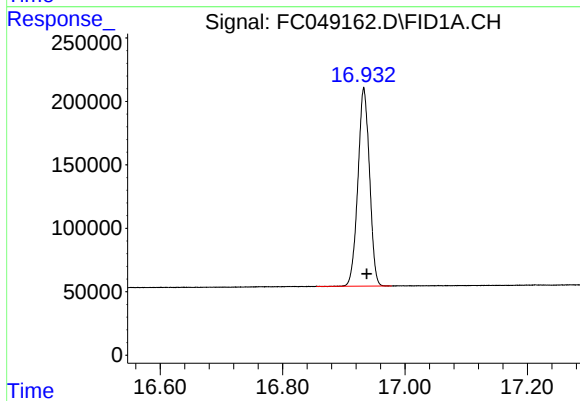
#14 n-Tetracosane (C24)

R.T.: 14.964 min
Delta R.T.: -0.006 min
Response: 2216750
Conc: 19.50 ug/ml



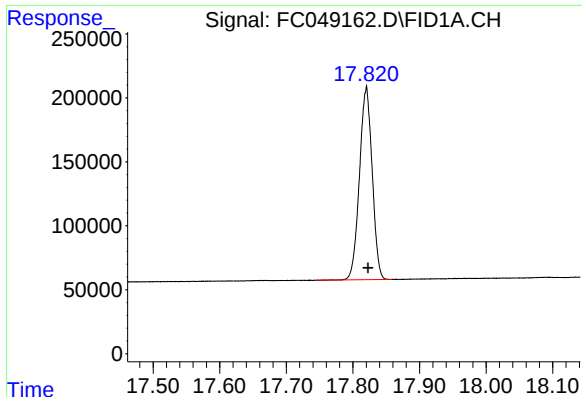
#15 n-Hexacosane (C26)

R.T.: 15.984 min
Delta R.T.: -0.006 min
Response: 2111639
Conc: 18.46 ug/ml



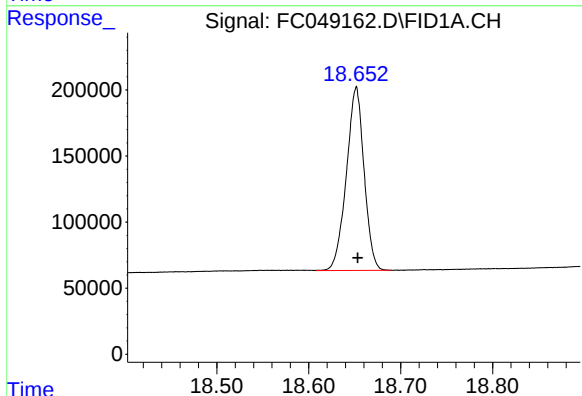
#16 n-Octacosane (C28)

R.T.: 16.933 min
Delta R.T.: -0.005 min
Response: 2055016
Conc: 17.66 ug/ml



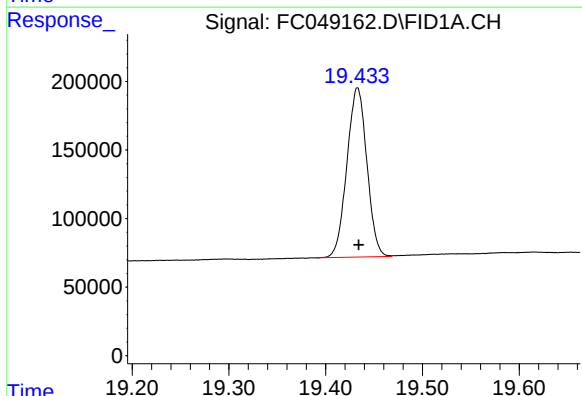
#17 n-Tricontane (C30)

R.T.: 17.820 min
Delta R.T.: -0.003 min
Response: 1995778
Conc: 17.26 ug/ml



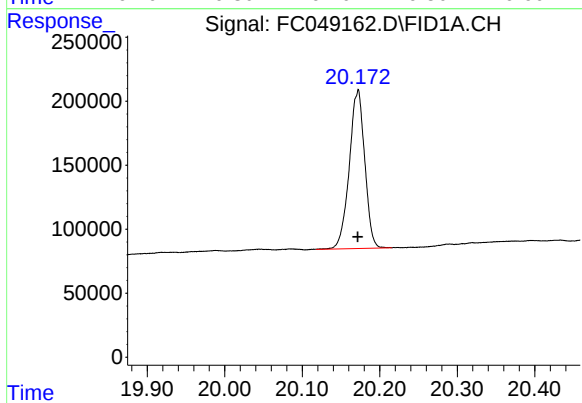
#18 n-Dotriacontane (C32)

R.T.: 18.652 min
Delta R.T.: -0.002 min
Response: 1855335
Conc: 17.16 ug/ml m



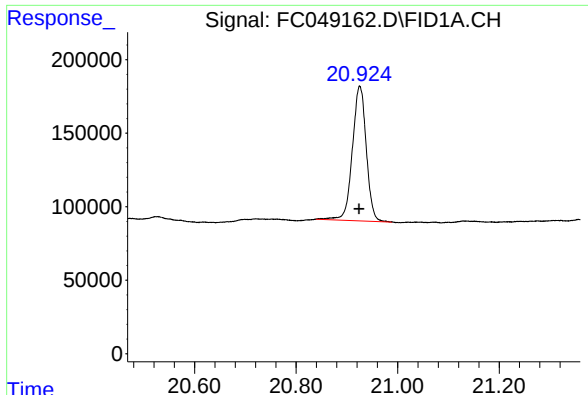
#19 n-Tetratriacontane (C34)

R.T.: 19.433 min
Delta R.T.: -0.002 min
Response: 1770840
Conc: 17.07 ug/ml m



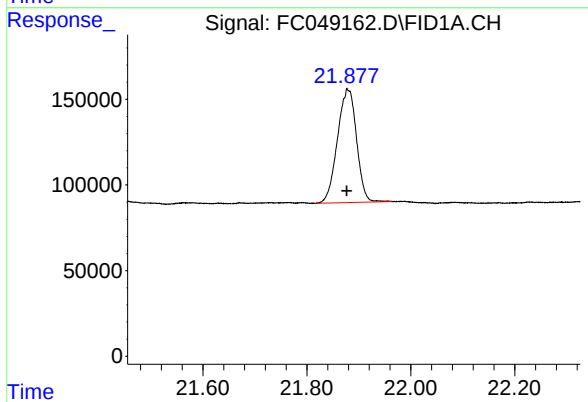
#20 n-Hexatriacontane (C36)

R.T.: 20.172 min
Delta R.T.: 0.000 min
Response: 1717426
Conc: 17.27 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.924 min
Delta R.T.: 0.000 min
Response: 1740235
Conc: 18.40 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.877 min
Delta R.T.: 0.000 min
Response: 1687641
Conc: 17.68 ug/ml m