

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC011221AL\
 Data File : FC051691.D
 Signal(s) : FID1A.CH
 Acq On : 12 Jan 2021 15:19
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 13 00:07:13 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 011121.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 12 00:58:51 2021
 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)	11.673	2590567	20.794 ug/ml
Spiked Amount 50.000		Recovery =	41.59%
12) S 1-chlorooctadecane (S...	13.109	2061434	20.809 ug/ml
Spiked Amount 50.000		Recovery =	41.62%
Target Compounds			
1) T n-Nonane (C9)	3.405	2300496	20.606 ug/ml
2) T n-Decane (C10)	4.478	2327504	20.755 ug/ml
3) T A~Naphthalene (C11.7)	6.072	2666642	21.226 ug/ml
4) T n-Dodecane (C12)	6.503	2381836	21.118 ug/ml
5) T A~2-methylnaphthalene...	7.131	2729868	21.363 ug/ml
6) T n-Tetradecane (C14)	8.302	2383979	21.300 ug/ml
7) T n-Hexadecane (C16)	9.907	2344920	21.228 ug/ml
8) T n-Octadecane (C18)	11.351	2422938	21.110 ug/ml
10) T n-Eicosane (C20)	12.663	2412888	20.822 ug/ml
11) T n-Heneicosane (C21)	13.276	2413991	20.844 ug/ml
13) T n-Docosane (C22)	13.863	2386071	20.694 ug/ml
14) T n-Tetracosane (C24)	14.968	2339593	20.353 ug/ml
15) T n-Hexacosane (C26)	15.990	2215734	19.684 ug/ml
16) T n-Octacosane (C28)	16.940	2129209	19.252 ug/ml
17) T n-Tricontane (C30)	17.827	2015495	19.067 ug/ml
18) T n-Dotriacontane (C32)	18.662	1836308	19.338 ug/ml
19) T n-Tetratriacontane (C34)	19.445	1714602	20.005 ug/ml
20) T n-Hexatriacontane (C36)	20.187	1559008	20.156 ug/ml
21) T n-Octatriacontane (C38)	20.941	1635527	22.408 ug/ml
22) T n-Tetracontane (C40)	21.886	1771582	23.779 ug/ml

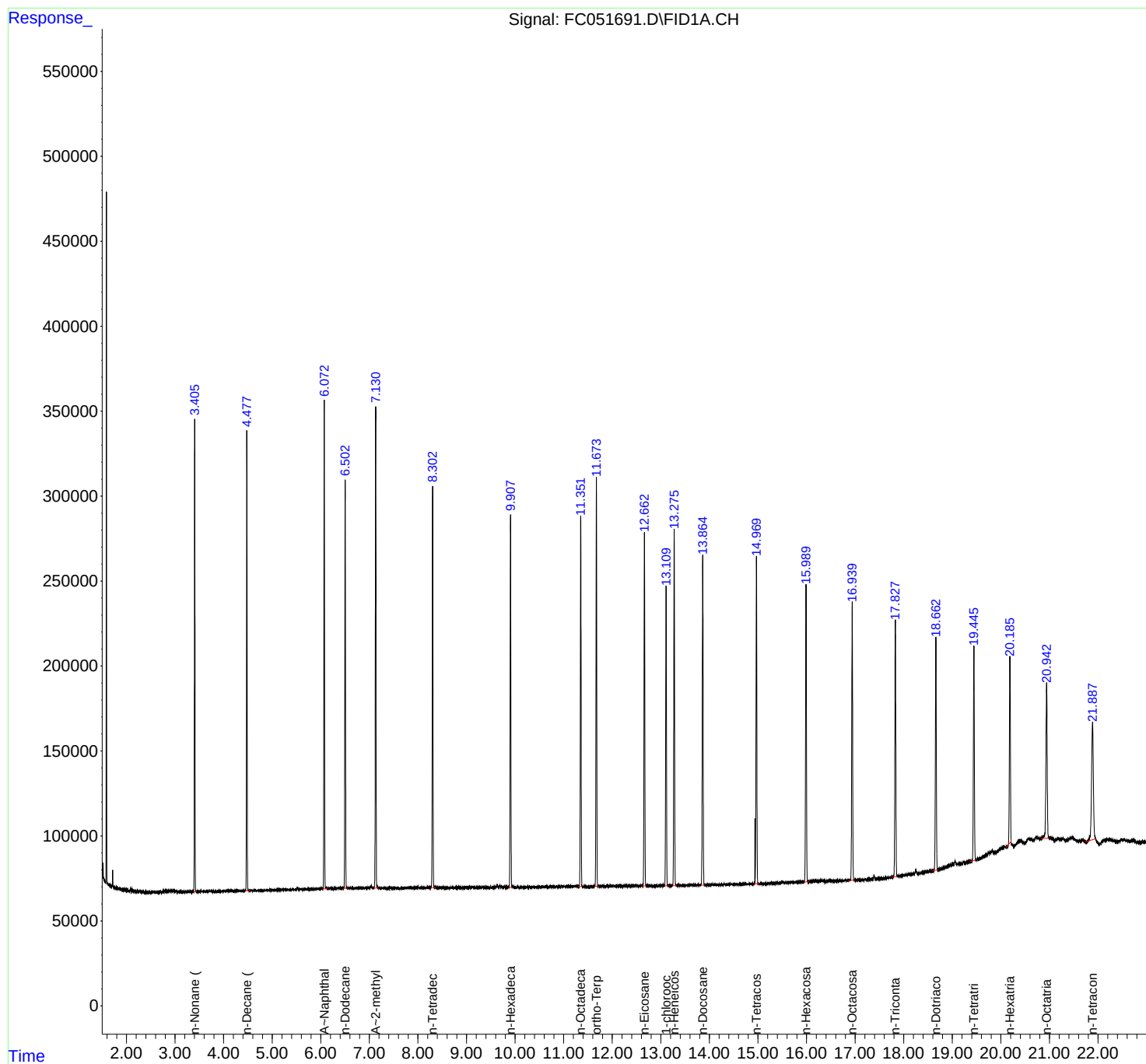
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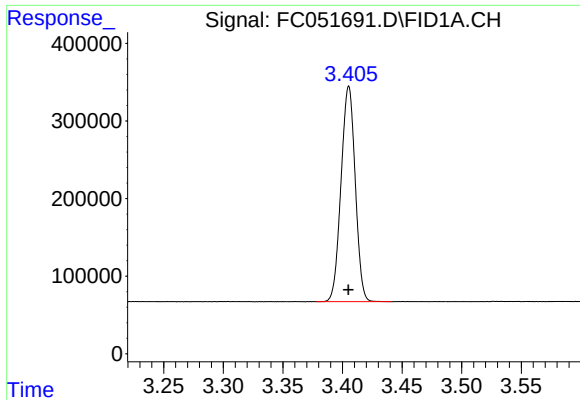
(m)=manual int.

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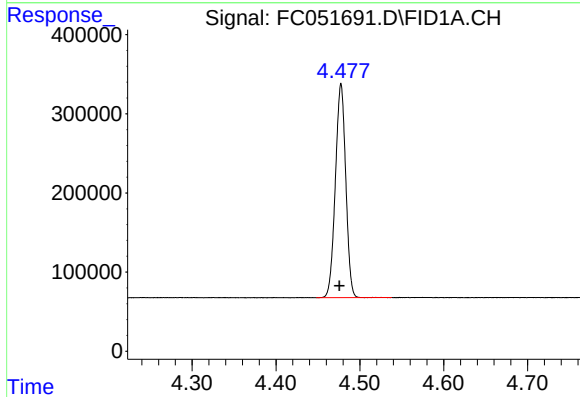
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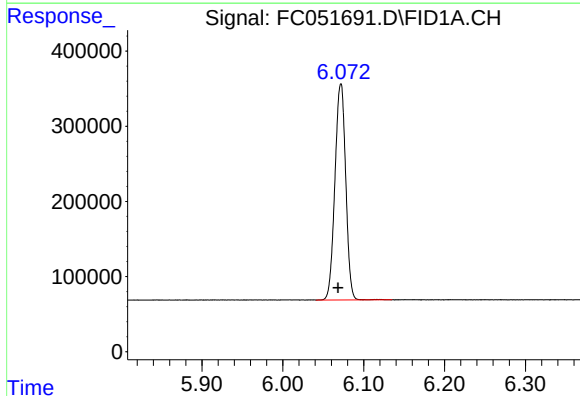
#1 n-Nonane (C9)

R.T.: 3.405 min
Delta R.T.: 0.000 min
Response: 2300496
Conc: 20.61 ug/ml



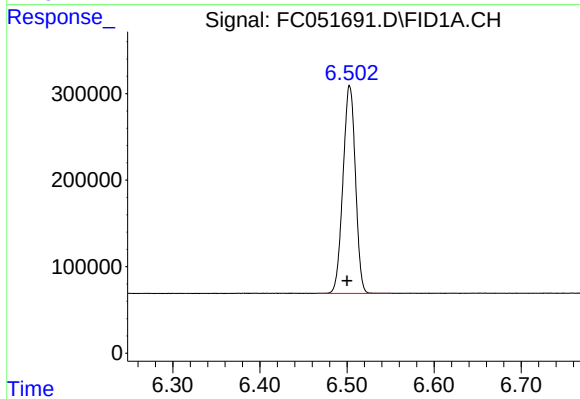
#2 n-Decane (C10)

R.T.: 4.478 min
Delta R.T.: 0.002 min
Response: 2327504
Conc: 20.75 ug/ml



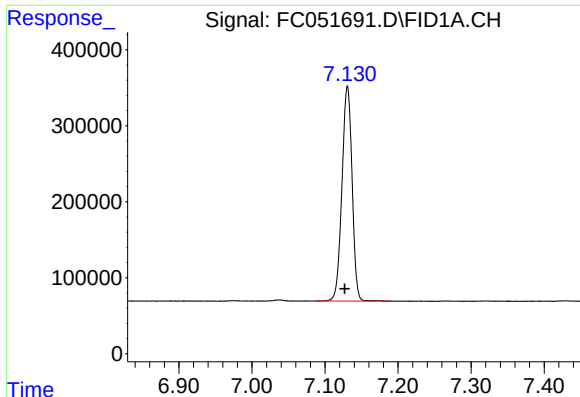
#3 A~Naphthalene (C11.7)

R.T.: 6.072 min
Delta R.T.: 0.003 min
Response: 2666642
Conc: 21.23 ug/ml



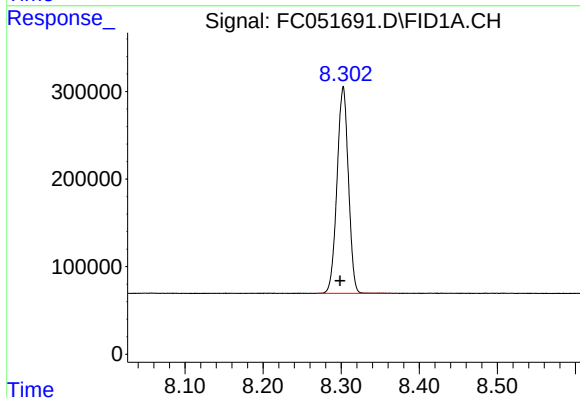
#4 n-Dodecane (C12)

R.T.: 6.503 min
Delta R.T.: 0.003 min
Response: 2381836
Conc: 21.12 ug/ml



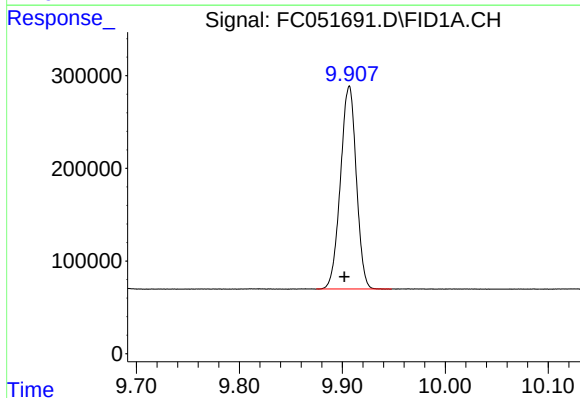
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.131 min
Delta R.T.: 0.004 min
Response: 2729868
Conc: 21.36 ug/ml



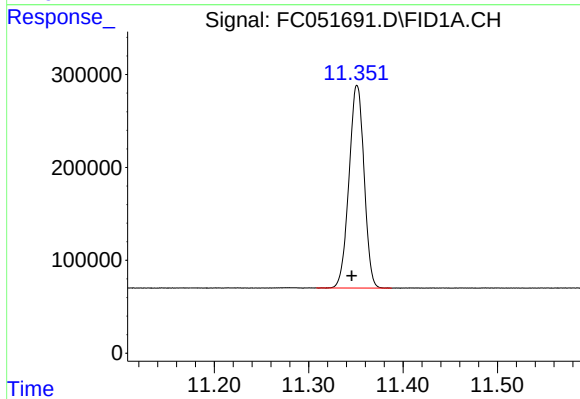
#6 n-Tetradecane (C14)

R.T.: 8.302 min
Delta R.T.: 0.004 min
Response: 2383979
Conc: 21.30 ug/ml



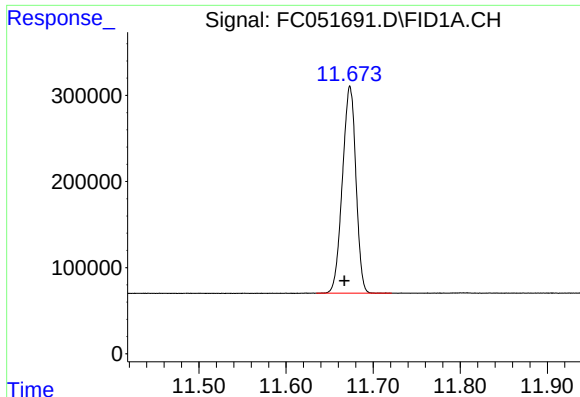
#7 n-Hexadecane (C16)

R.T.: 9.907 min
Delta R.T.: 0.005 min
Response: 2344920
Conc: 21.23 ug/ml



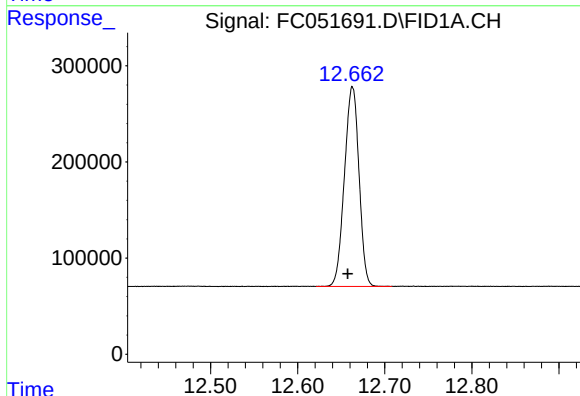
#8 n-Octadecane (C18)

R.T.: 11.351 min
Delta R.T.: 0.006 min
Response: 2422938
Conc: 21.11 ug/ml



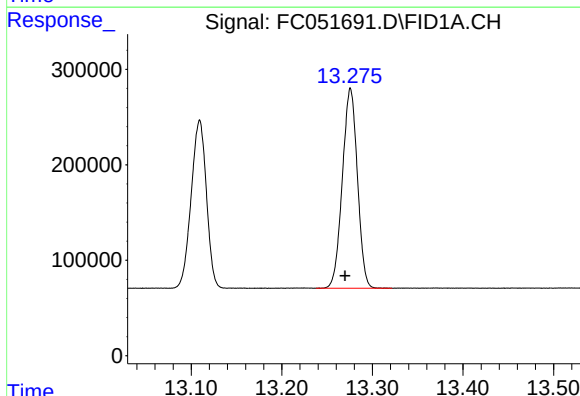
#9 ortho-Terphenyl (SURR)

R.T.: 11.673 min
Delta R.T.: 0.006 min
Response: 2590567
Conc: 20.79 ug/ml



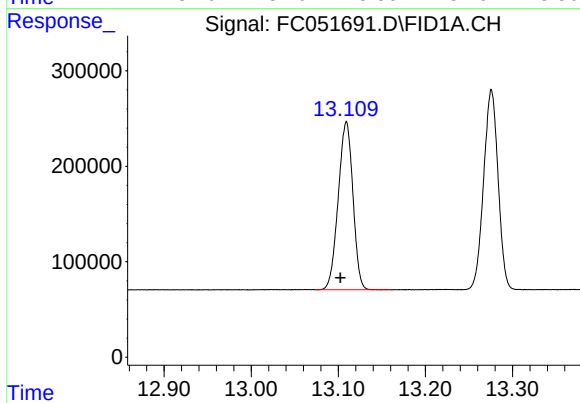
#10 n-Eicosane (C20)

R.T.: 12.663 min
Delta R.T.: 0.005 min
Response: 2412888
Conc: 20.82 ug/ml



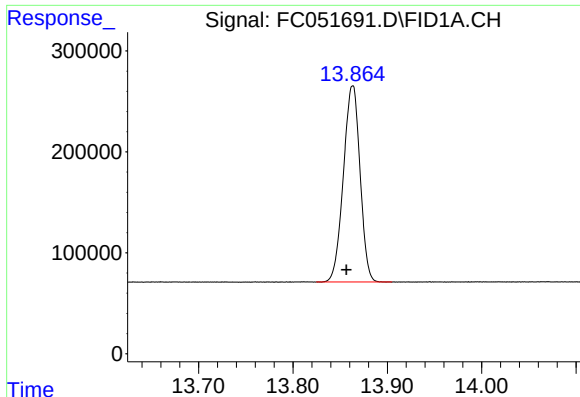
#11 n-Heneicosane (C21)

R.T.: 13.276 min
Delta R.T.: 0.006 min
Response: 2413991
Conc: 20.84 ug/ml



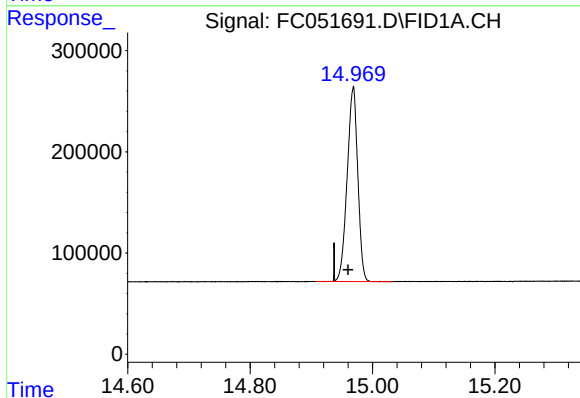
#12 1-chlorooctadecane (SURR)

R.T.: 13.109 min
Delta R.T.: 0.007 min
Response: 2061434
Conc: 20.81 ug/ml



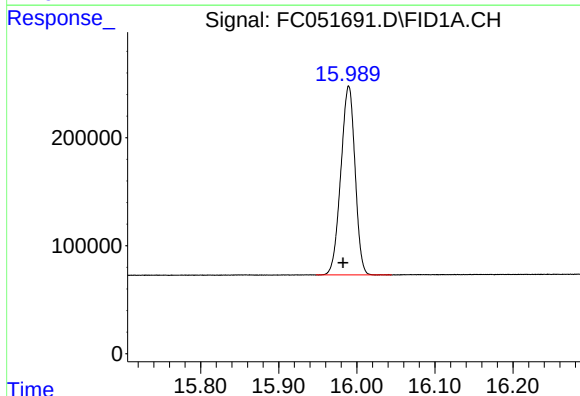
#13 n-Docosane (C22)

R.T.: 13.863 min
Delta R.T.: 0.007 min
Response: 2386071
Conc: 20.69 ug/ml



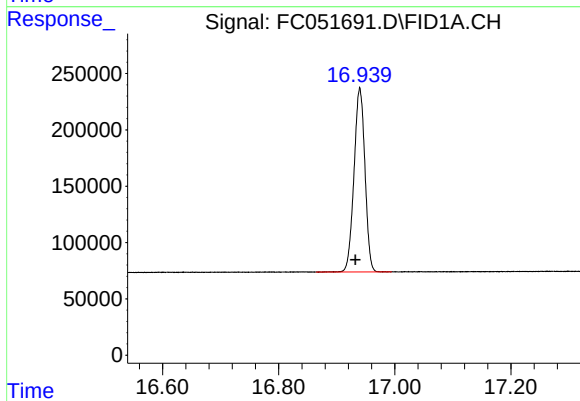
#14 n-Tetracosane (C24)

R.T.: 14.968 min
Delta R.T.: 0.008 min
Response: 2339593
Conc: 20.35 ug/ml



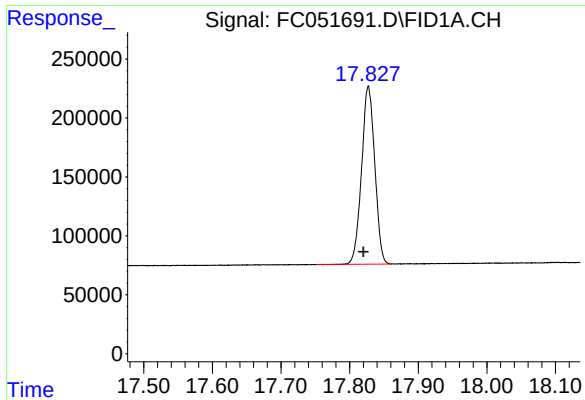
#15 n-Hexacosane (C26)

R.T.: 15.990 min
Delta R.T.: 0.007 min
Response: 2215734
Conc: 19.68 ug/ml



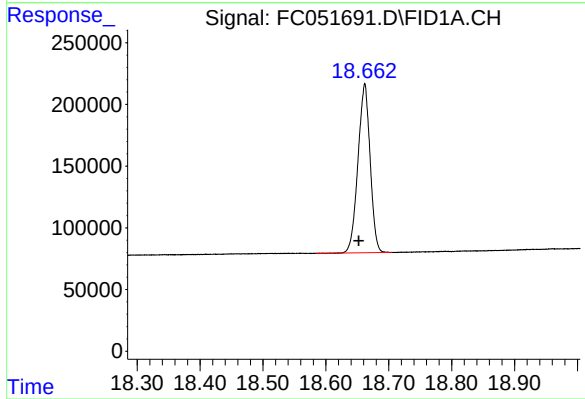
#16 n-Octacosane (C28)

R.T.: 16.940 min
Delta R.T.: 0.008 min
Response: 2129209
Conc: 19.25 ug/ml



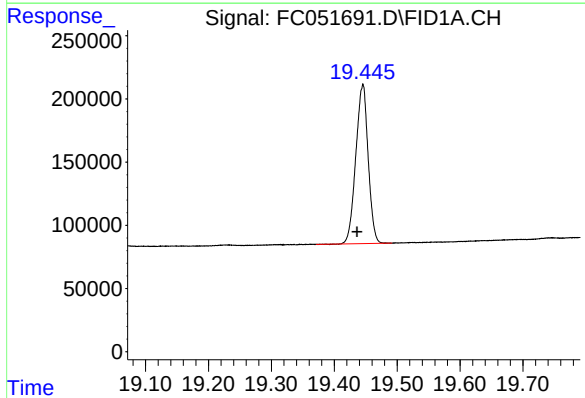
#17 n-Tricontane (C30)

R.T.: 17.827 min
Delta R.T.: 0.007 min
Response: 2015495
Conc: 19.07 ug/ml



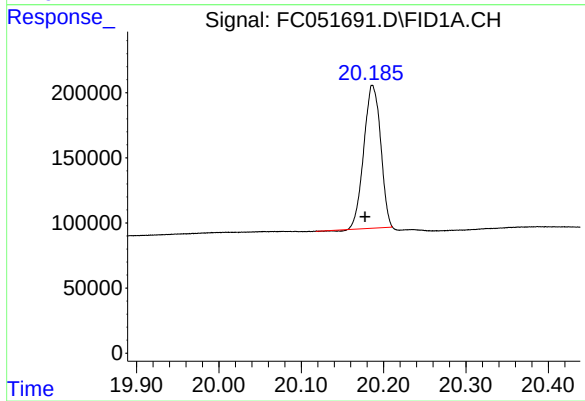
#18 n-Dotriacontane (C32)

R.T.: 18.662 min
Delta R.T.: 0.009 min
Response: 1836308
Conc: 19.34 ug/ml



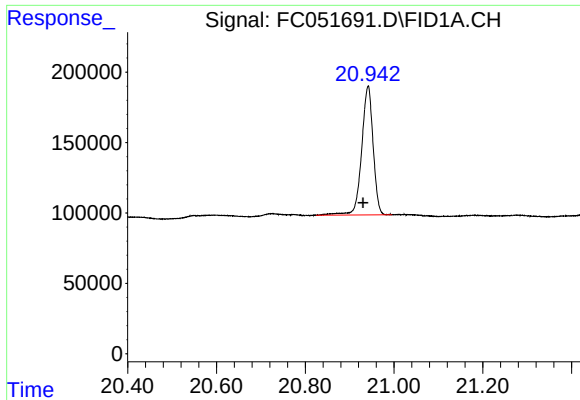
#19 n-Tetratriacontane (C34)

R.T.: 19.445 min
Delta R.T.: 0.008 min
Response: 1714602
Conc: 20.01 ug/ml



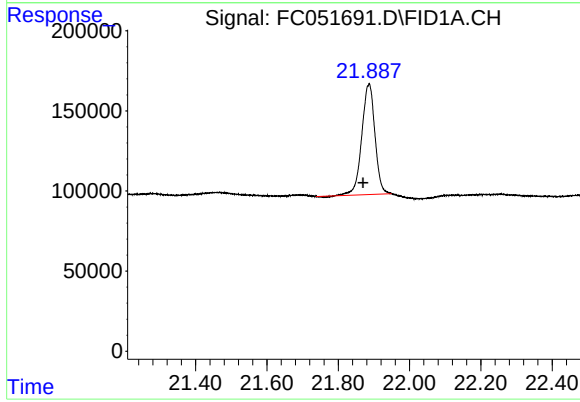
#20 n-Hexatriacontane (C36)

R.T.: 20.187 min
Delta R.T.: 0.009 min
Response: 1559008
Conc: 20.16 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.941 min
Delta R.T.: 0.011 min
Response: 1635527
Conc: 22.41 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.886 min
Delta R.T.: 0.016 min
Response: 1771582
Conc: 23.78 ug/ml