

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071720AL\
 Data File : FC048515.D
 Signal(s) : FID1A.CH
 Acq On : 17 Jul 2020 23:16
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 18 02:59:50 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 070820.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 08 03:03:00 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)	11.683	2841231	20.701 ug/ml
Spiked Amount 50.000		Recovery =	41.40%
12) S 1-chlorooctadecane (S...	13.116	2275788	20.196 ug/ml
Spiked Amount 50.000		Recovery =	40.39%
Target Compounds			
1) T n-Nonane (C9)	3.416	2713805	22.766 ug/ml
2) T n-Decane (C10)	4.489	2759019	22.921 ug/ml
3) T A~Naphthalene (C11.7)	6.086	3088655	22.952 ug/ml
4) T n-Dodecane (C12)	6.516	2794317	22.840 ug/ml
5) T A~2-methylnaphthalene...	7.146	3138414	22.770 ug/ml
6) T n-Tetradecane (C14)	8.315	2785552	22.612 ug/ml
7) T n-Hexadecane (C16)	9.917	2698943	22.048 ug/ml
8) T n-Octadecane (C18)	11.360	2745428	21.452 ug/ml
10) T n-Eicosane (C20)	12.671	2684654	20.757 ug/ml
11) T n-Heneicosane (C21)	13.283	2635587	20.332 ug/ml
13) T n-Docosane (C22)	13.869	2587853	19.932 ug/ml
14) T n-Tetracosane (C24)	14.971	2485279	18.959 ug/ml
15) T n-Hexacosane (C26)	15.992	2375958	18.272 ug/ml
16) T n-Octacosane (C28)	16.941	2308529	17.667 ug/ml
17) T n-Tricontane (C30)	17.827	2233965	17.377 ug/ml
18) T n-Dotriacontane (C32)	18.659	2032495	17.204 ug/ml
19) T n-Tetratriacontane (C34)	19.441	1887790	16.912 ug/ml
20) T n-Hexatriacontane (C36)	20.179	1829143	17.391 ug/ml
21) T n-Octatriacontane (C38)	20.934	1753804	17.865 ug/mlm
22) T n-Tetracontane (C40)	21.891	1760083	18.112 ug/ml

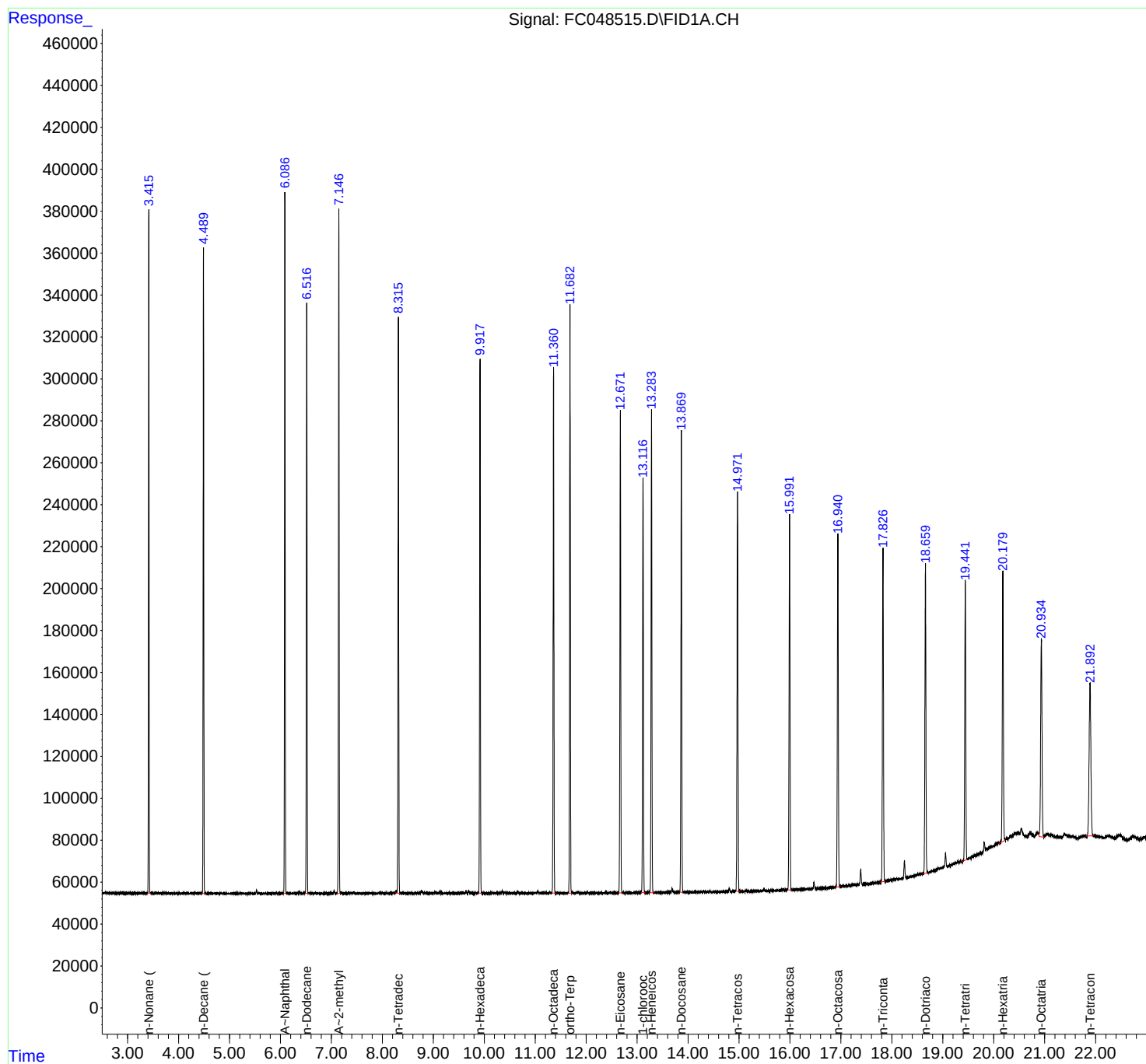
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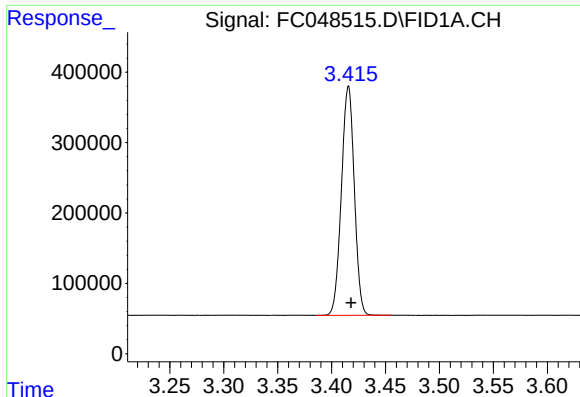
(m)=manual int.

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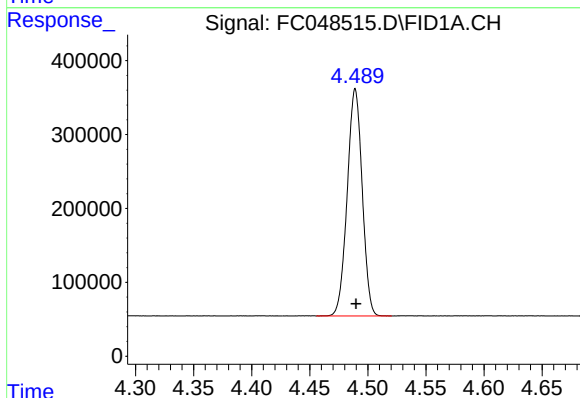
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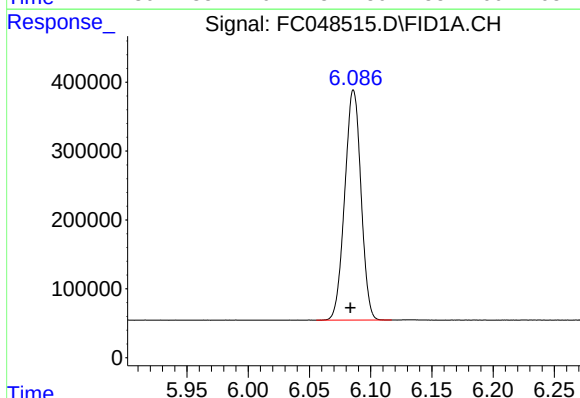
#1 n-Nonane (C9)

R.T.: 3.416 min
Delta R.T.: -0.002 min
Response: 2713805
Conc: 22.77 ug/ml



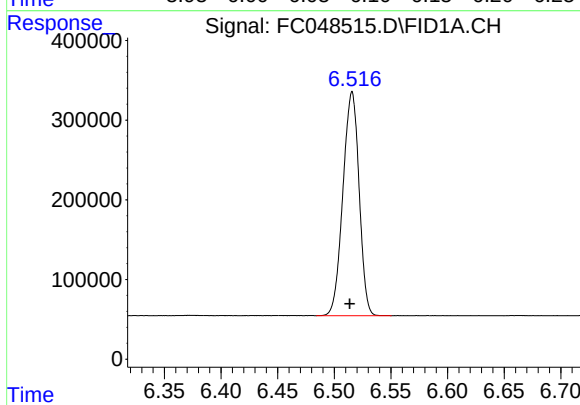
#2 n-Decane (C10)

R.T.: 4.489 min
Delta R.T.: 0.000 min
Response: 2759019
Conc: 22.92 ug/ml



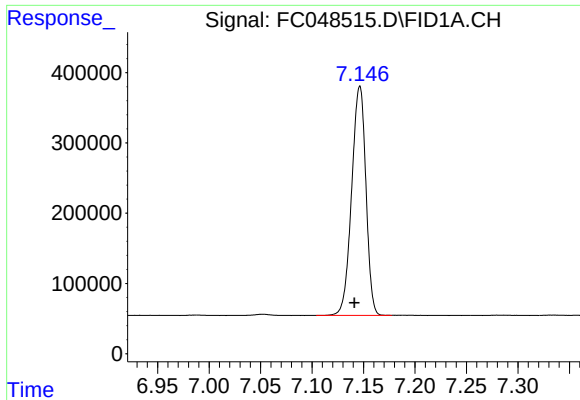
#3 A~Naphthalene (C11.7)

R.T.: 6.086 min
Delta R.T.: 0.003 min
Response: 3088655
Conc: 22.95 ug/ml



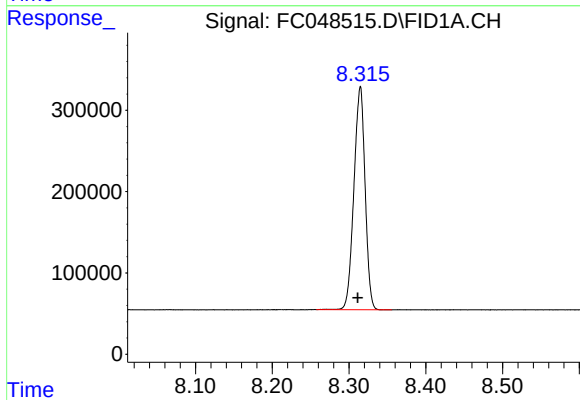
#4 n-Dodecane (C12)

R.T.: 6.516 min
Delta R.T.: 0.002 min
Response: 2794317
Conc: 22.84 ug/ml



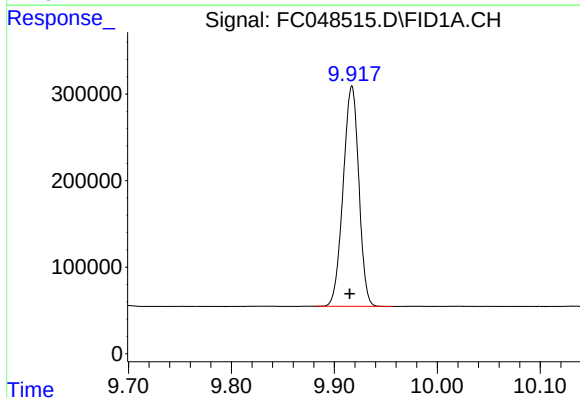
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.146 min
Delta R.T.: 0.005 min
Response: 3138414
Conc: 22.77 ug/ml



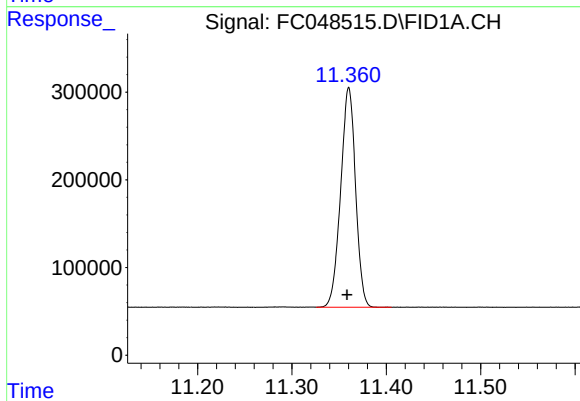
#6 n-Tetradecane (C14)

R.T.: 8.315 min
Delta R.T.: 0.003 min
Response: 2785552
Conc: 22.61 ug/ml



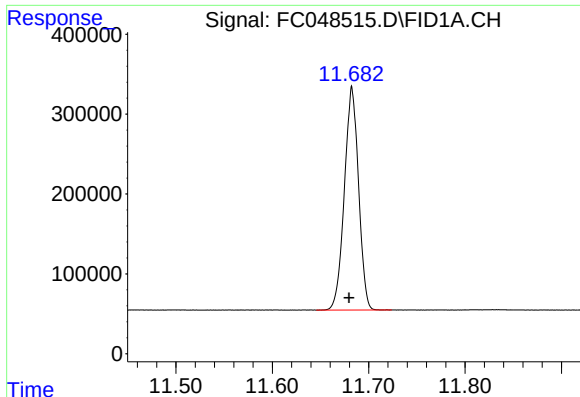
#7 n-Hexadecane (C16)

R.T.: 9.917 min
Delta R.T.: 0.002 min
Response: 2698943
Conc: 22.05 ug/ml



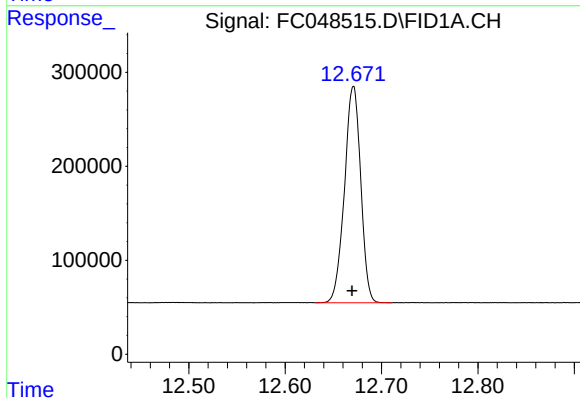
#8 n-Octadecane (C18)

R.T.: 11.360 min
Delta R.T.: 0.002 min
Response: 2745428
Conc: 21.45 ug/ml



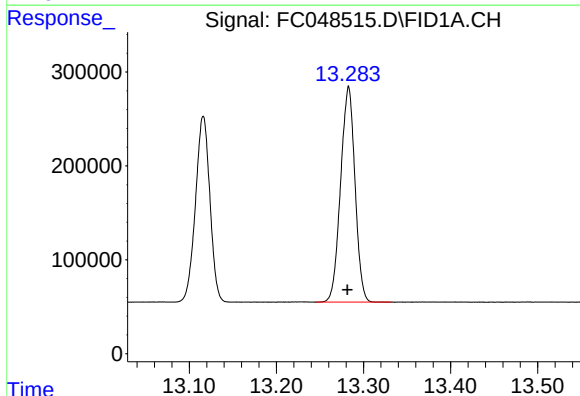
#9 ortho-Terphenyl (SURR)

R.T.: 11.683 min
Delta R.T.: 0.003 min
Response: 2841231
Conc: 20.70 ug/ml



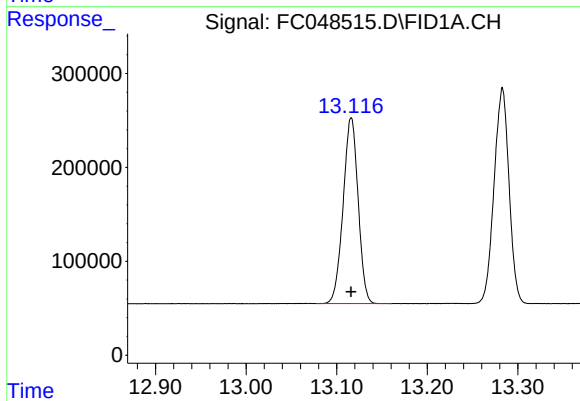
#10 n-Eicosane (C20)

R.T.: 12.671 min
Delta R.T.: 0.001 min
Response: 2684654
Conc: 20.76 ug/ml



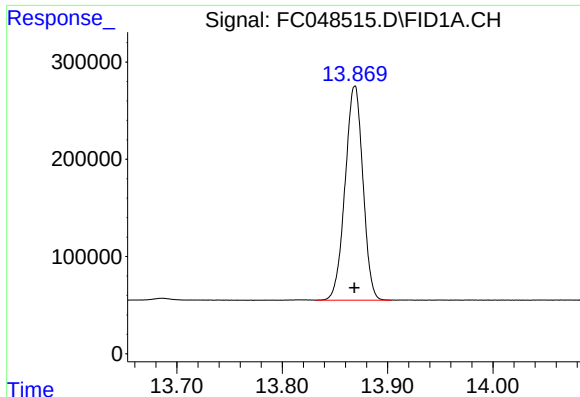
#11 n-Heneicosane (C21)

R.T.: 13.283 min
Delta R.T.: 0.001 min
Response: 2635587
Conc: 20.33 ug/ml



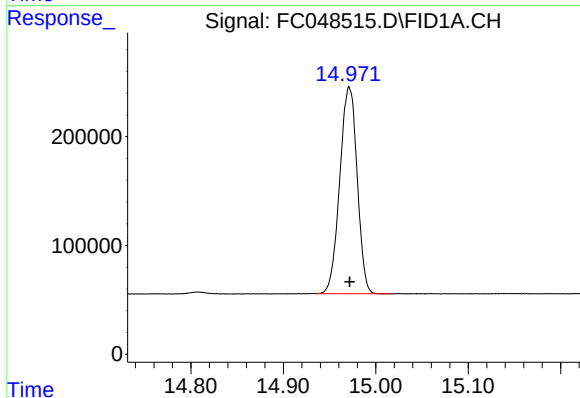
#12 1-chlorooctadecane (SURR)

R.T.: 13.116 min
Delta R.T.: 0.000 min
Response: 2275788
Conc: 20.20 ug/ml



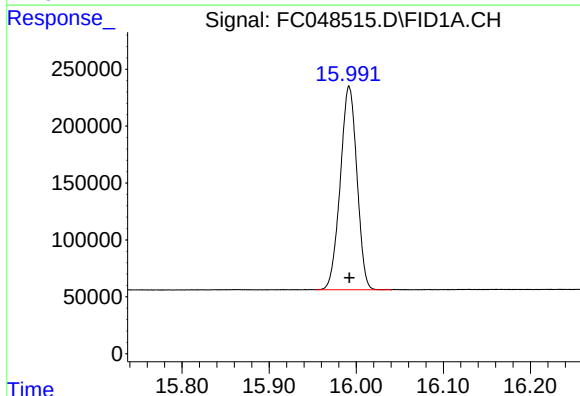
#13 n-Docosane (C22)

R.T.: 13.869 min
Delta R.T.: 0.000 min
Response: 2587853
Conc: 19.93 ug/ml



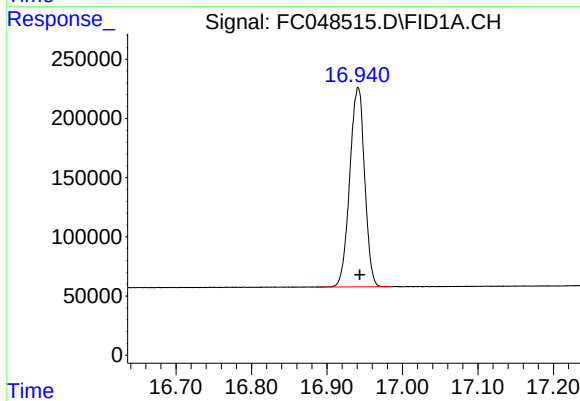
#14 n-Tetracosane (C24)

R.T.: 14.971 min
Delta R.T.: 0.000 min
Response: 2485279
Conc: 18.96 ug/ml



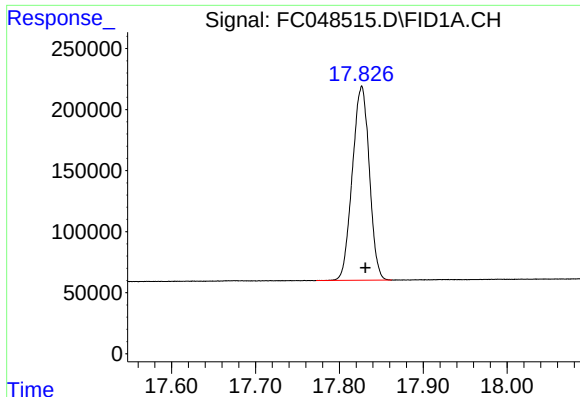
#15 n-Hexacosane (C26)

R.T.: 15.992 min
Delta R.T.: 0.000 min
Response: 2375958
Conc: 18.27 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.941 min
Delta R.T.: -0.002 min
Response: 2308529
Conc: 17.67 ug/ml



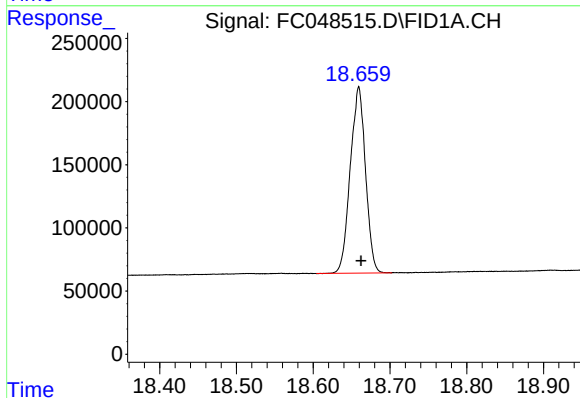
#17 n-Tricontane (C30)

R.T.: 17.827 min

Delta R.T.: -0.004 min

Response: 2233965

Conc: 17.38 ug/ml



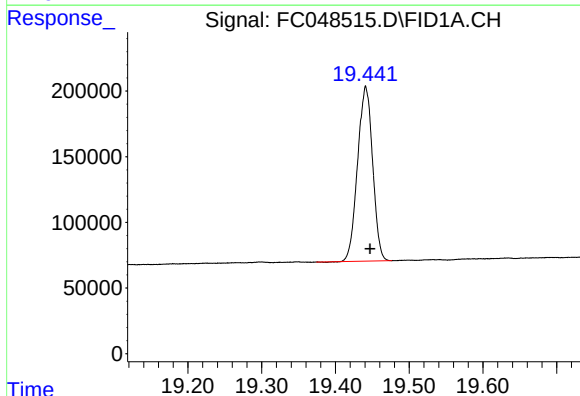
#18 n-Dotriacontane (C32)

R.T.: 18.659 min

Delta R.T.: -0.003 min

Response: 2032495

Conc: 17.20 ug/ml



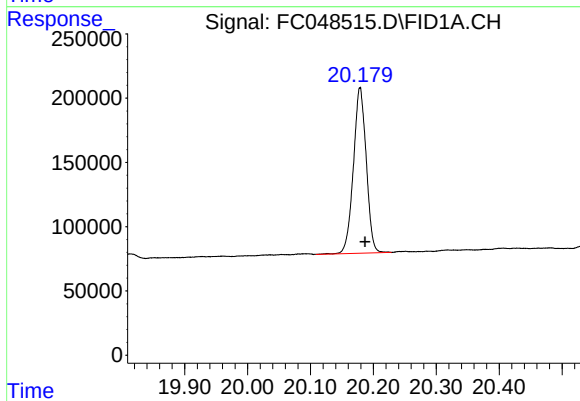
#19 n-Tetratriacontane (C34)

R.T.: 19.441 min

Delta R.T.: -0.006 min

Response: 1887790

Conc: 16.91 ug/ml



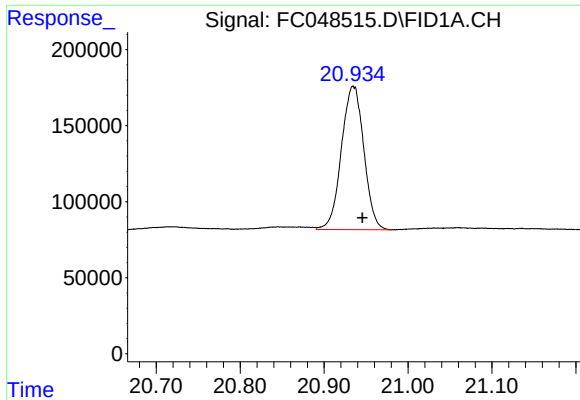
#20 n-Hexatriacontane (C36)

R.T.: 20.179 min

Delta R.T.: -0.008 min

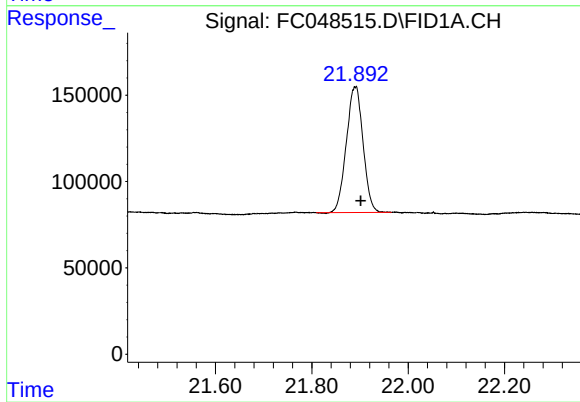
Response: 1829143

Conc: 17.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.934 min
Delta R.T.: -0.011 min
Response: 1753804
Conc: 17.86 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.891 min
Delta R.T.: -0.010 min
Response: 1760083
Conc: 18.11 ug/ml