

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC071620AL\
 Data File : FC048498.D
 Signal(s) : FID1A.CH
 Acq On : 17 Jul 2020 12:59
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Jul 18 02:48:43 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)	11.684	2831784	20.632 ug/ml
Spiked Amount 50.000		Recovery =	41.26%
12) S 1-chlorooctadecane (S...	13.117	2270781	20.151 ug/ml
Spiked Amount 50.000		Recovery =	40.30%
Target Compounds			
1) T n-Nonane (C9)	3.418	2655060	22.273 ug/ml
2) T n-Decane (C10)	4.492	2693325	22.376 ug/ml
3) T A~Naphthalene (C11.7)	6.089	3018904	22.434 ug/ml
4) T n-Dodecane (C12)	6.517	2717509	22.212 ug/ml
5) T A~2-methylnaphthalene...	7.148	3067810	22.257 ug/ml
6) T n-Tetradecane (C14)	8.315	2693727	21.867 ug/ml
7) T n-Hexadecane (C16)	9.918	2657219	21.707 ug/ml
8) T n-Octadecane (C18)	11.361	2715193	21.215 ug/ml
10) T n-Eicosane (C20)	12.671	2668983	20.636 ug/ml
11) T n-Heneicosane (C21)	13.284	2623695	20.241 ug/ml
13) T n-Docosane (C22)	13.869	2583419	19.898 ug/ml
14) T n-Tetracosane (C24)	14.973	2495356	19.036 ug/ml
15) T n-Hexacosane (C26)	15.994	2384757	18.340 ug/ml
16) T n-Octacosane (C28)	16.943	2316327	17.727 ug/ml
17) T n-Tricontane (C30)	17.830	2223164	17.293 ug/ml
18) T n-Dotriacontane (C32)	18.660	2011660	17.028 ug/ml
19) T n-Tetratriacontane (C34)	19.443	1880464	16.847 ug/ml
20) T n-Hexatriacontane (C36)	20.180	1802847	17.141 ug/ml
21) T n-Octatriacontane (C38)	20.941	1742190	17.747 ug/ml
22) T n-Tetracontane (C40)	21.895	1756138	18.072 ug/ml

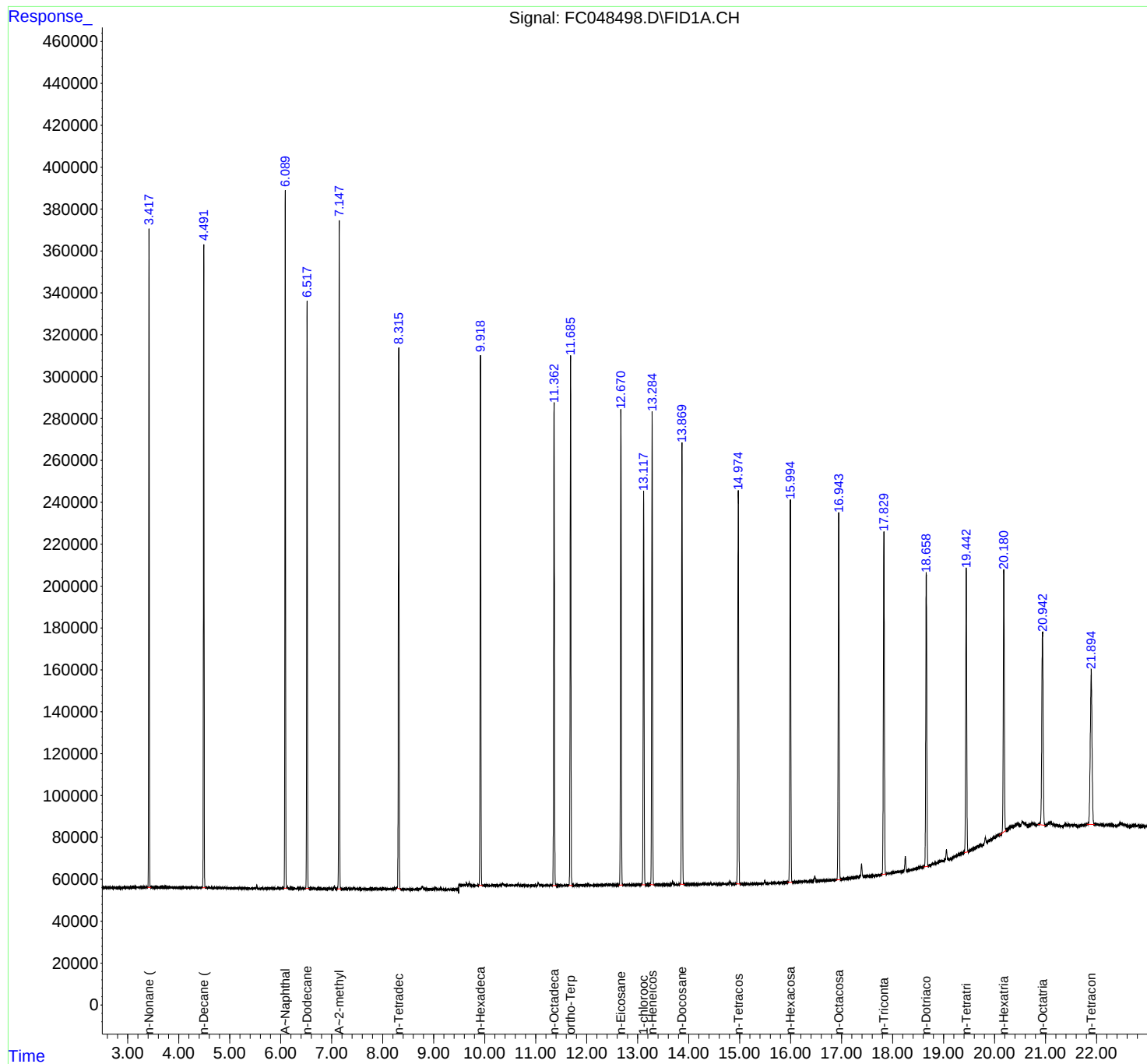
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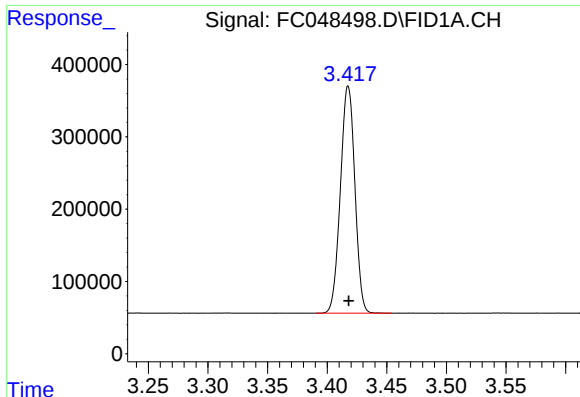
(m)=manual int.

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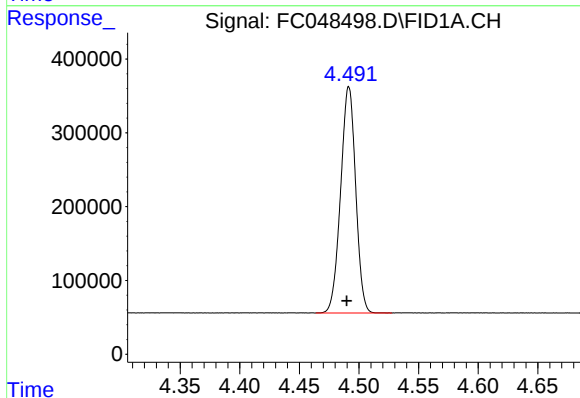
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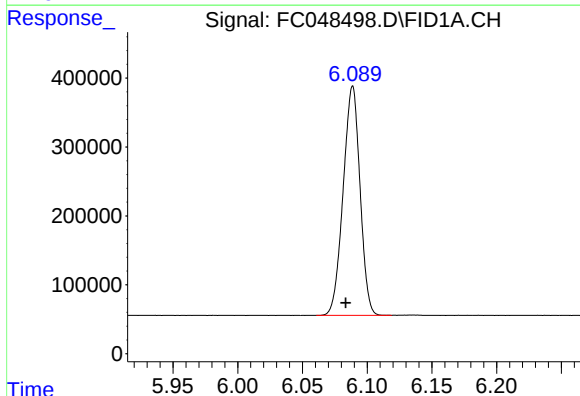
#1 n-Nonane (C9)

R.T.: 3.418 min
Delta R.T.: 0.000 min
Response: 2655060
Conc: 22.27 ug/ml



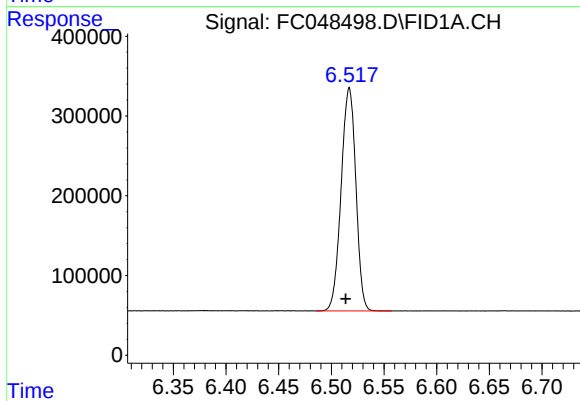
#2 n-Decane (C10)

R.T.: 4.492 min
Delta R.T.: 0.002 min
Response: 2693325
Conc: 22.38 ug/ml



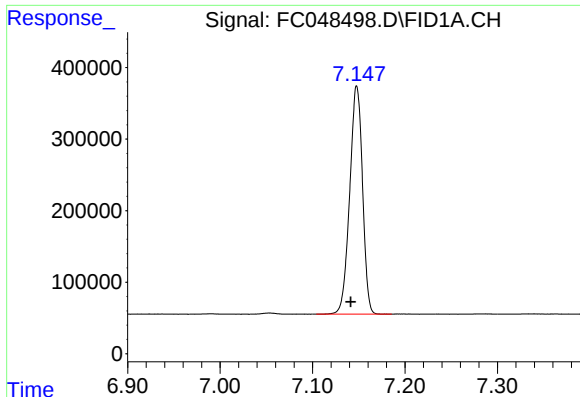
#3 A~Naphthalene (C11.7)

R.T.: 6.089 min
Delta R.T.: 0.005 min
Response: 3018904
Conc: 22.43 ug/ml



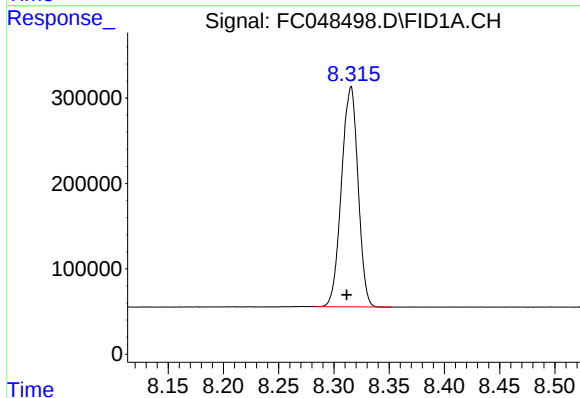
#4 n-Dodecane (C12)

R.T.: 6.517 min
Delta R.T.: 0.003 min
Response: 2717509
Conc: 22.21 ug/ml



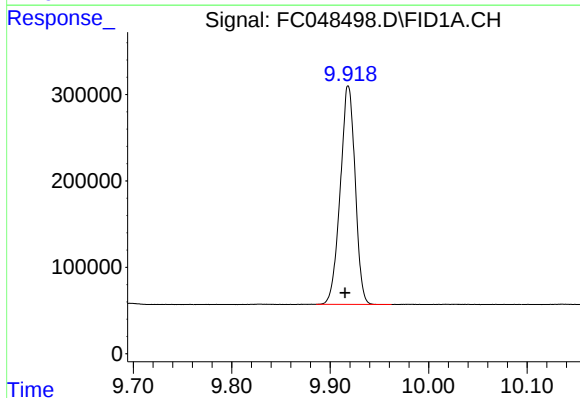
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.148 min
Delta R.T.: 0.007 min
Response: 3067810
Conc: 22.26 ug/ml



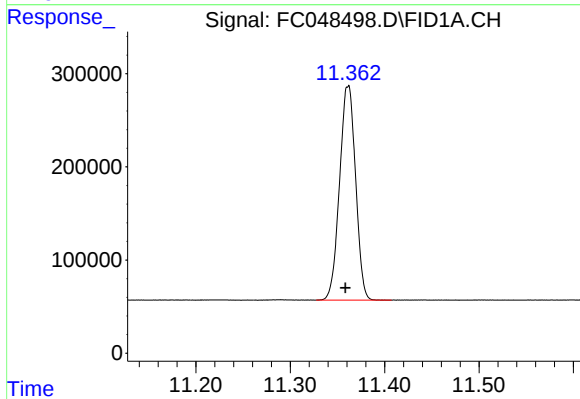
#6 n-Tetradecane (C14)

R.T.: 8.315 min
Delta R.T.: 0.004 min
Response: 2693727
Conc: 21.87 ug/ml



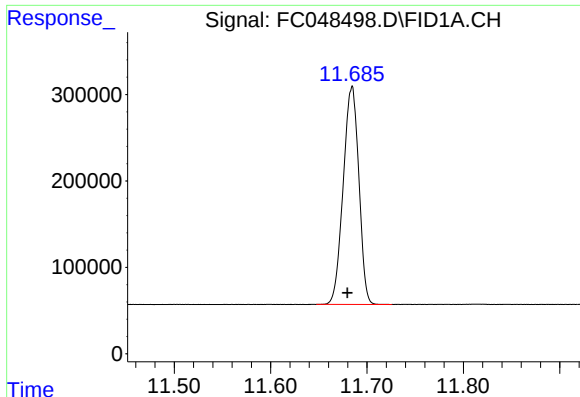
#7 n-Hexadecane (C16)

R.T.: 9.918 min
Delta R.T.: 0.003 min
Response: 2657219
Conc: 21.71 ug/ml



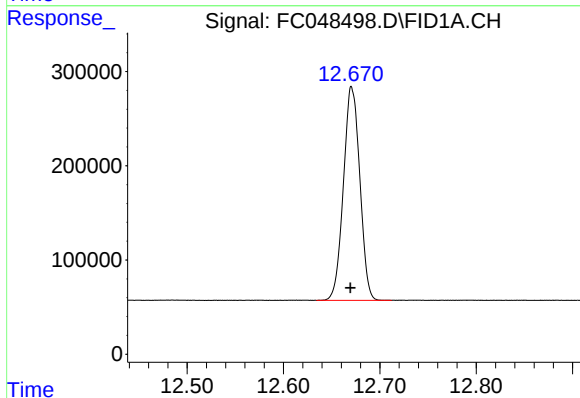
#8 n-Octadecane (C18)

R.T.: 11.361 min
Delta R.T.: 0.003 min
Response: 2715193
Conc: 21.22 ug/ml



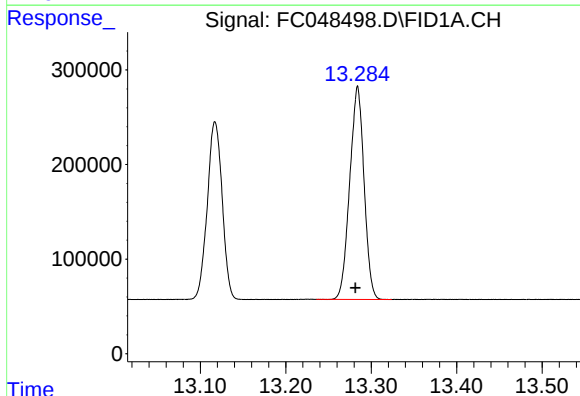
#9 ortho-Terphenyl (SURR)

R.T.: 11.684 min
Delta R.T.: 0.005 min
Response: 2831784
Conc: 20.63 ug/ml



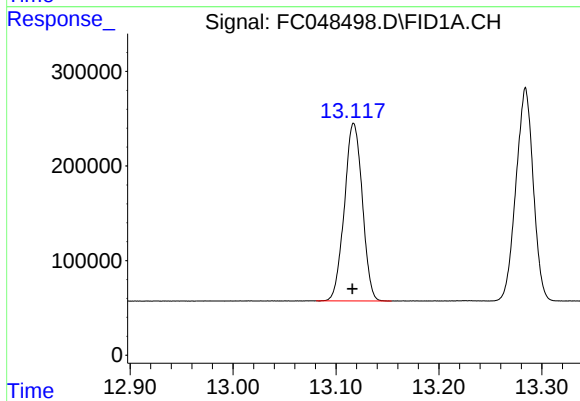
#10 n-Eicosane (C20)

R.T.: 12.671 min
Delta R.T.: 0.001 min
Response: 2668983
Conc: 20.64 ug/ml



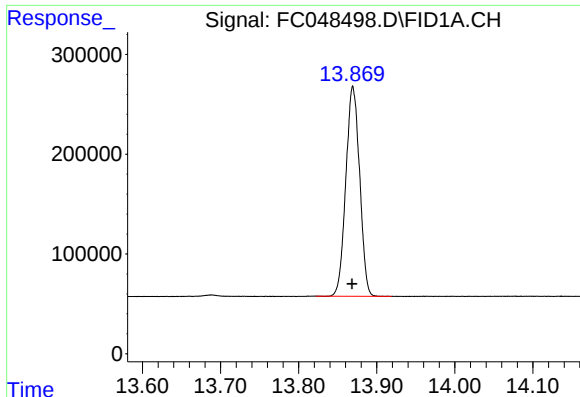
#11 n-Heneicosane (C21)

R.T.: 13.284 min
Delta R.T.: 0.003 min
Response: 2623695
Conc: 20.24 ug/ml



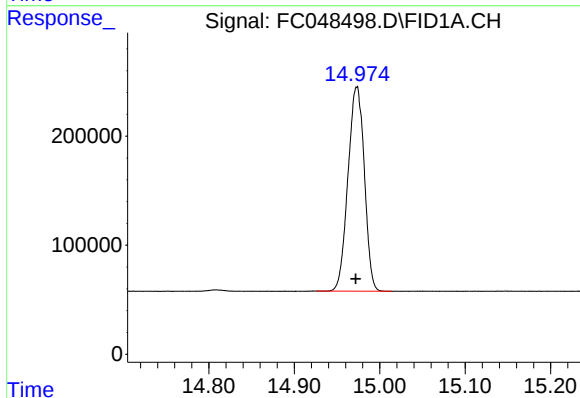
#12 1-chlorooctadecane (SURR)

R.T.: 13.117 min
Delta R.T.: 0.001 min
Response: 2270781
Conc: 20.15 ug/ml



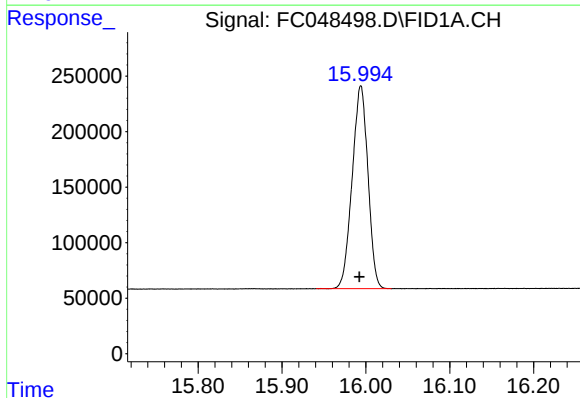
#13 n-Docosane (C22)

R.T.: 13.869 min
Delta R.T.: 0.001 min
Response: 2583419
Conc: 19.90 ug/ml



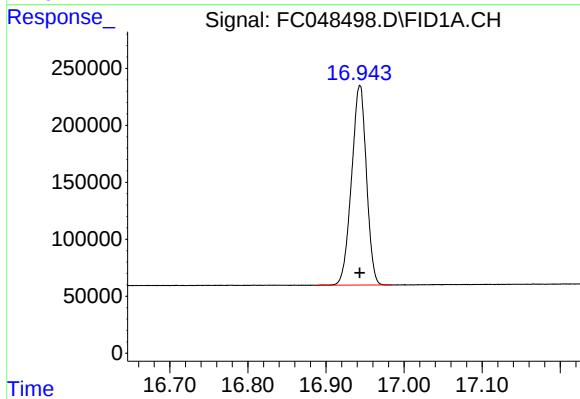
#14 n-Tetracosane (C24)

R.T.: 14.973 min
Delta R.T.: 0.001 min
Response: 2495356
Conc: 19.04 ug/ml



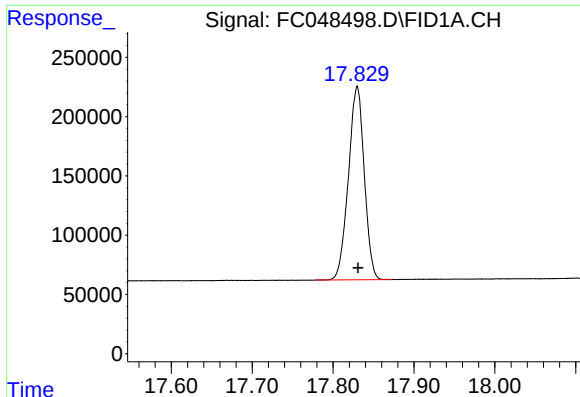
#15 n-Hexacosane (C26)

R.T.: 15.994 min
Delta R.T.: 0.002 min
Response: 2384757
Conc: 18.34 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.943 min
Delta R.T.: 0.000 min
Response: 2316327
Conc: 17.73 ug/ml



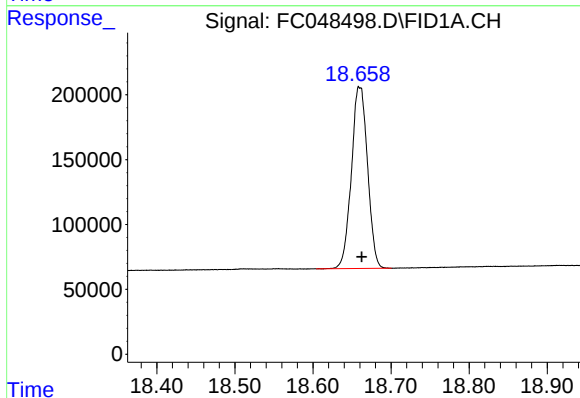
#17 n-Tricontane (C30)

R.T.: 17.830 min

Delta R.T.: -0.001 min

Response: 2223164

Conc: 17.29 ug/ml



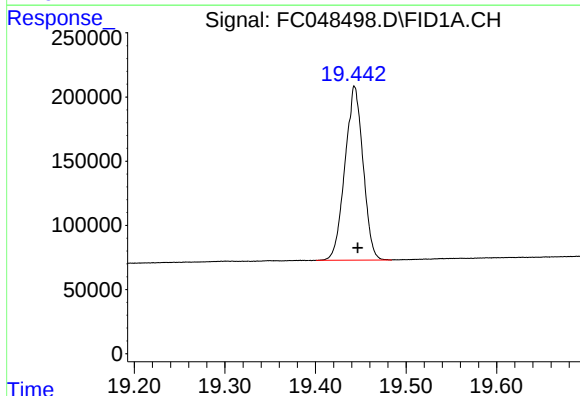
#18 n-Dotriacontane (C32)

R.T.: 18.660 min

Delta R.T.: -0.003 min

Response: 2011660

Conc: 17.03 ug/ml



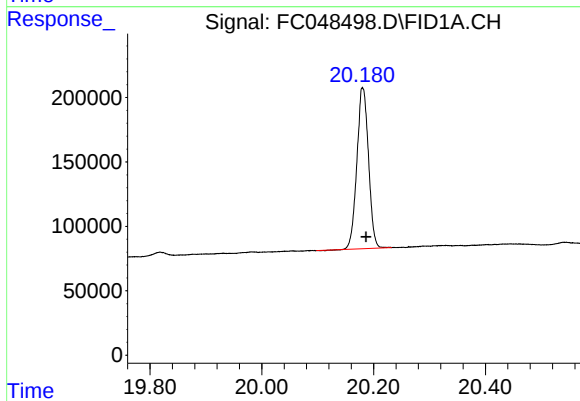
#19 n-Tetratriacontane (C34)

R.T.: 19.443 min

Delta R.T.: -0.004 min

Response: 1880464

Conc: 16.85 ug/ml



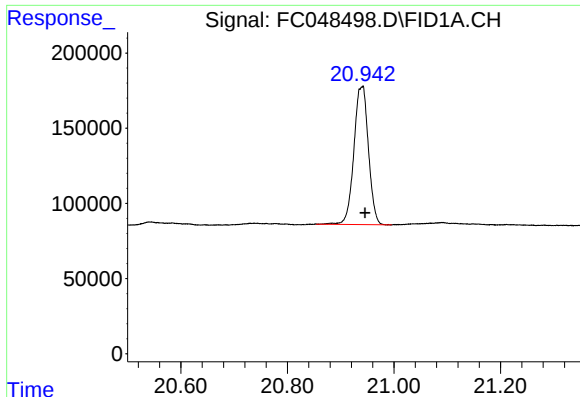
#20 n-Hexatriacontane (C36)

R.T.: 20.180 min

Delta R.T.: -0.006 min

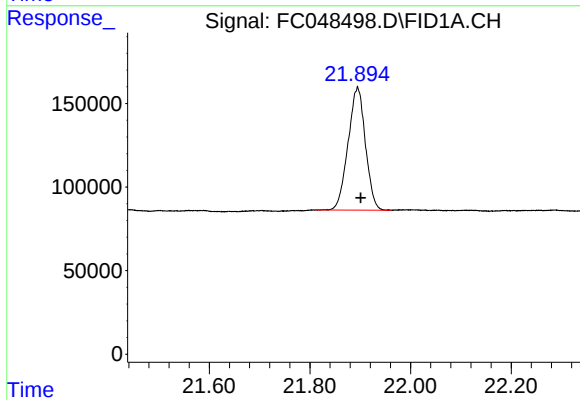
Response: 1802847

Conc: 17.14 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.941 min
Delta R.T.: -0.005 min
Response: 1742190
Conc: 17.75 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.895 min
Delta R.T.: -0.006 min
Response: 1756138
Conc: 18.07 ug/ml