

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC072820AL\
 Data File : FC048695.D
 Signal(s) : FID1A.CH
 Acq On : 28 Jul 2020 22:21
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 29 01:40:42 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic 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)	11.685	2588882	18.863 ug/ml
Spiked Amount 50.000		Recovery =	37.73%
12) S 1-chlorooctadecane (S...	13.117	2073547	18.401 ug/ml
Spiked Amount 50.000		Recovery =	36.80%
Target Compounds			
1) T n-Nonane (C9)	3.420	2497034	20.947 ug/ml
2) T n-Decane (C10)	4.494	2528133	21.003 ug/ml
3) T A~Naphthalene (C11.7)	6.091	2821125	20.964 ug/ml
4) T n-Dodecane (C12)	6.519	2568726	20.996 ug/ml
5) T A~2-methylnaphthalene...	7.151	2858827	20.741 ug/ml
6) T n-Tetradecane (C14)	8.317	2548415	20.687 ug/ml
7) T n-Hexadecane (C16)	9.919	2477248	20.237 ug/ml
8) T n-Octadecane (C18)	11.363	2518387	19.678 ug/ml
10) T n-Eicosane (C20)	12.672	2453002	18.966 ug/ml
11) T n-Heneicosane (C21)	13.284	2405042	18.554 ug/ml
13) T n-Docosane (C22)	13.869	2361541	18.189 ug/ml
14) T n-Tetracosane (C24)	14.971	2279156	17.387 ug/ml
15) T n-Hexacosane (C26)	15.991	2179426	16.761 ug/ml
16) T n-Octacosane (C28)	16.939	2116152	16.195 ug/ml
17) T n-Tricontane (C30)	17.825	2032792	15.812 ug/ml
18) T n-Dotriacontane (C32)	18.655	1850650	15.665 ug/ml
19) T n-Tetratriacontane (C34)	19.437	1860259	16.666 ug/ml
20) T n-Hexatriacontane (C36)	20.176	2216020	21.070 ug/ml
21) T n-Octatriacontane (C38)	20.931	1893802	19.291 ug/ml
22) T n-Tetracontane (C40)	21.883	1641661	16.893 ug/ml

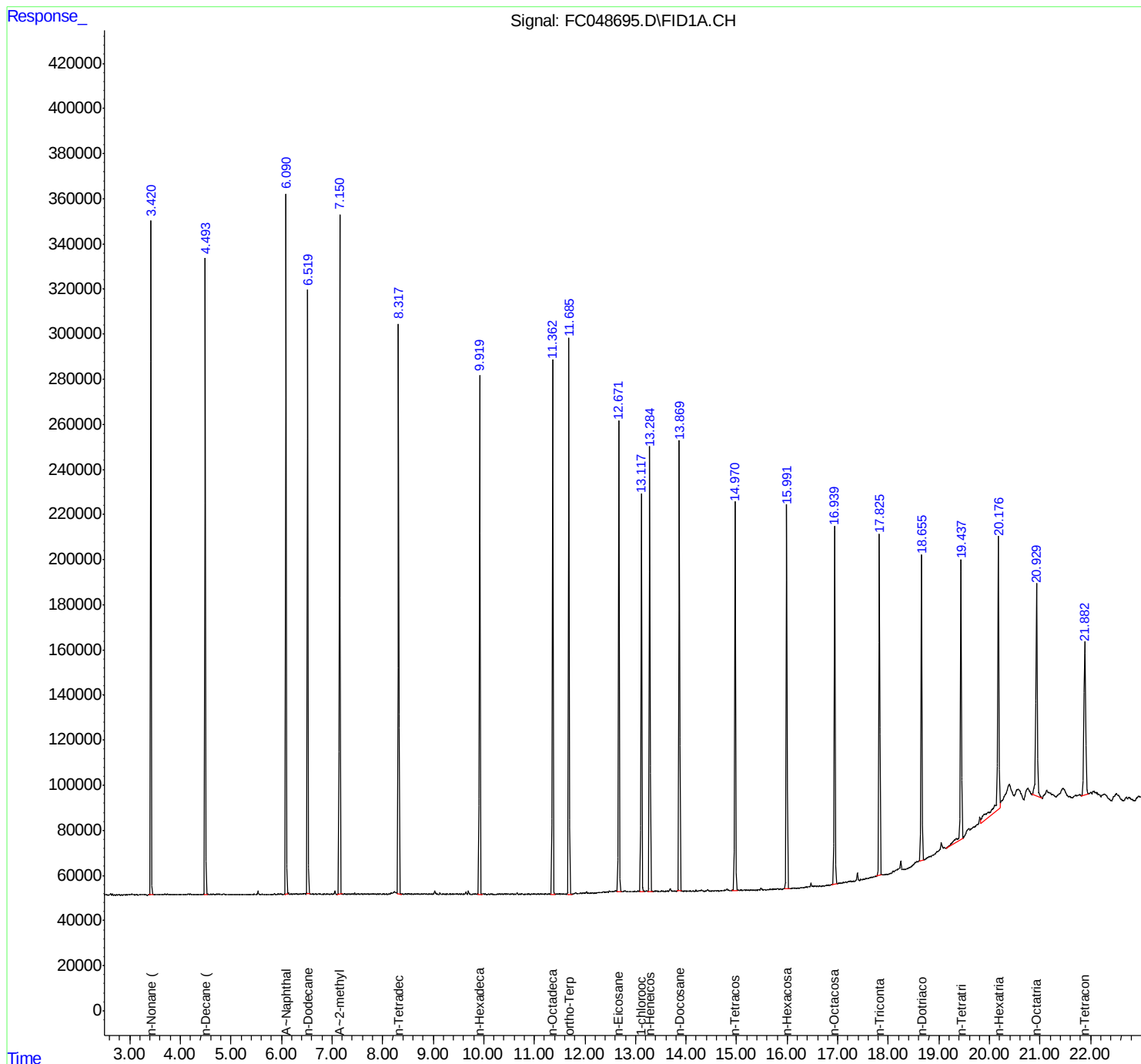
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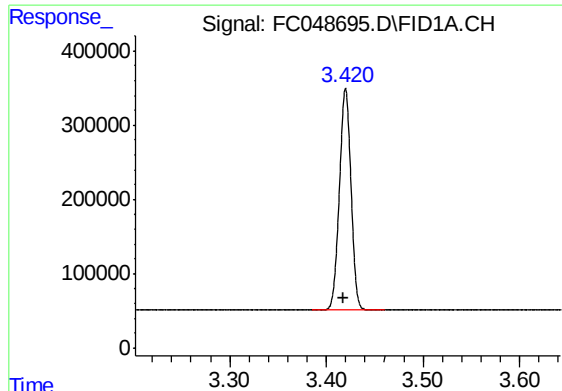
(m)=manual int.

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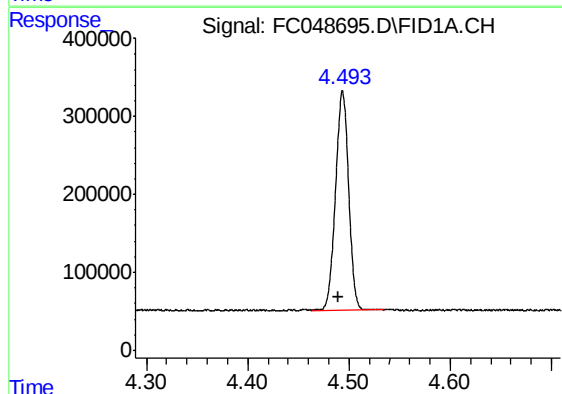
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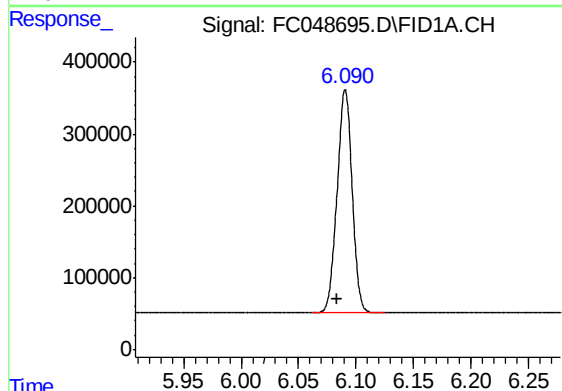
#1 n-Nonane (C9)

R.T.: 3.420 min
Delta R.T.: 0.002 min
Response: 2497034
Conc: 20.95 ug/ml



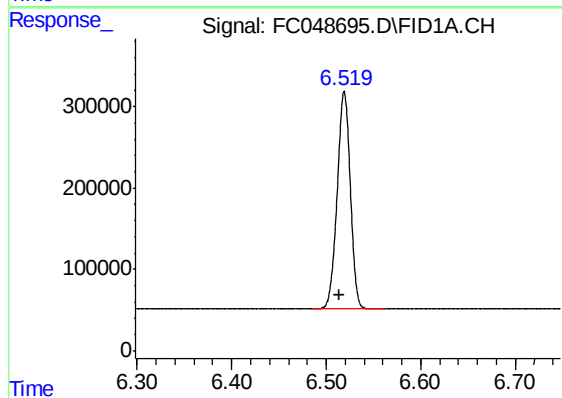
#2 n-Decane (C10)

R.T.: 4.494 min
Delta R.T.: 0.004 min
Response: 2528133
Conc: 21.00 ug/ml



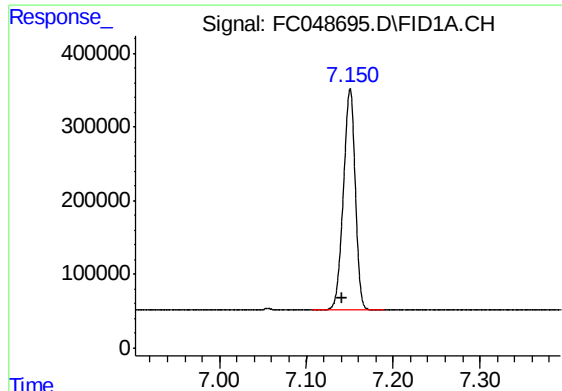
#3 A~Naphthalene (C11.7)

R.T.: 6.091 min
Delta R.T.: 0.007 min
Response: 2821125
Conc: 20.96 ug/ml



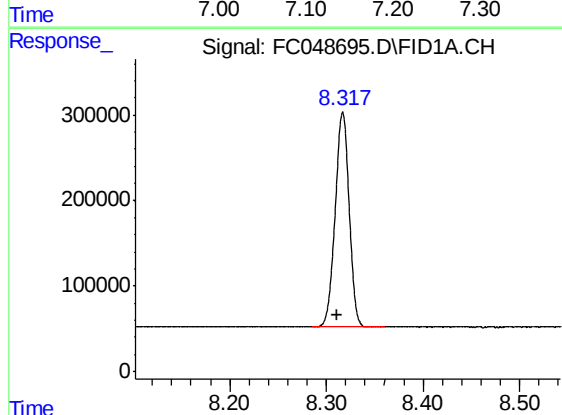
#4 n-Dodecane (C12)

R.T.: 6.519 min
Delta R.T.: 0.006 min
Response: 2568726
Conc: 21.00 ug/ml



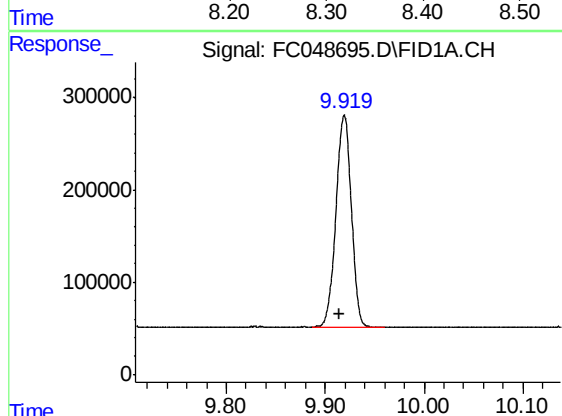
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.151 min
Delta R.T.: 0.009 min
Response: 2858827
Conc: 20.74 ug/ml



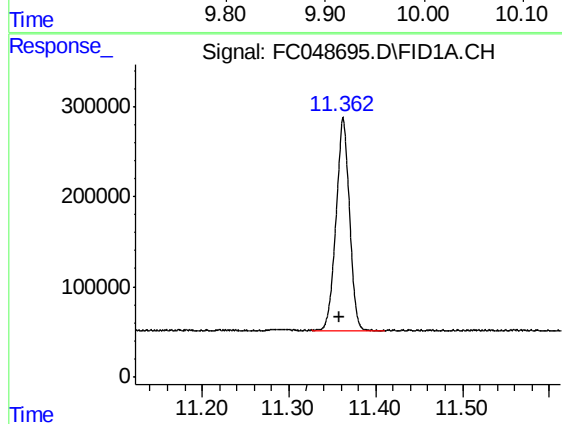
#6 n-Tetradecane (C14)

R.T.: 8.317 min
Delta R.T.: 0.005 min
Response: 2548415
Conc: 20.69 ug/ml



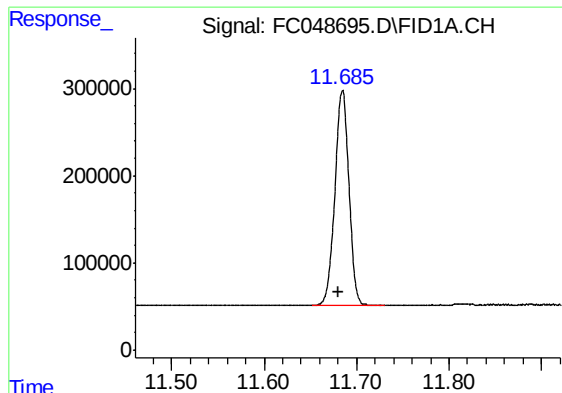
#7 n-Hexadecane (C16)

R.T.: 9.919 min
Delta R.T.: 0.004 min
Response: 2477248
Conc: 20.24 ug/ml



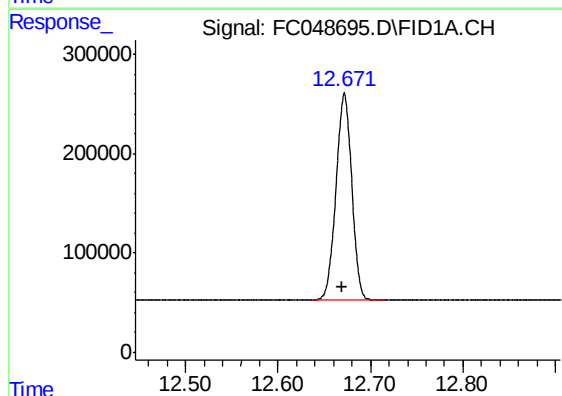
#8 n-Octadecane (C18)

R.T.: 11.363 min
Delta R.T.: 0.004 min
Response: 2518387
Conc: 19.68 ug/ml



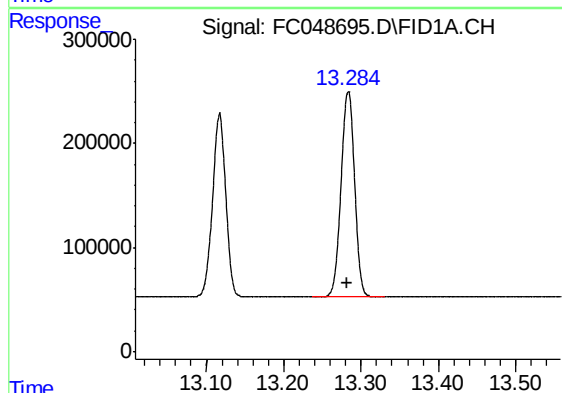
#9 ortho-Terphenyl (SURR)

R.T.: 11.685 min
Delta R.T.: 0.005 min
Response: 2588882
Conc: 18.86 ug/ml



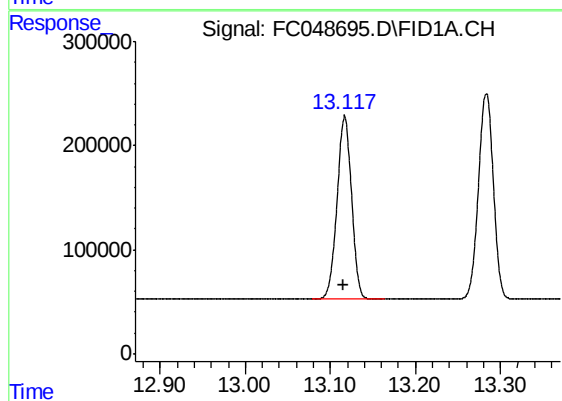
#10 n-Eicosane (C20)

R.T.: 12.672 min
Delta R.T.: 0.002 min
Response: 2453002
Conc: 18.97 ug/ml



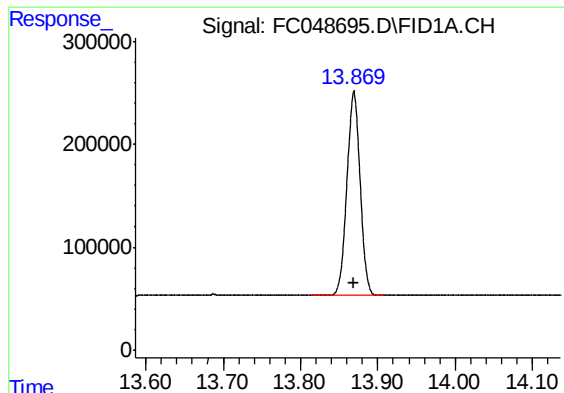
#11 n-Heneicosane (C21)

R.T.: 13.284 min
Delta R.T.: 0.002 min
Response: 2405042
Conc: 18.55 ug/ml



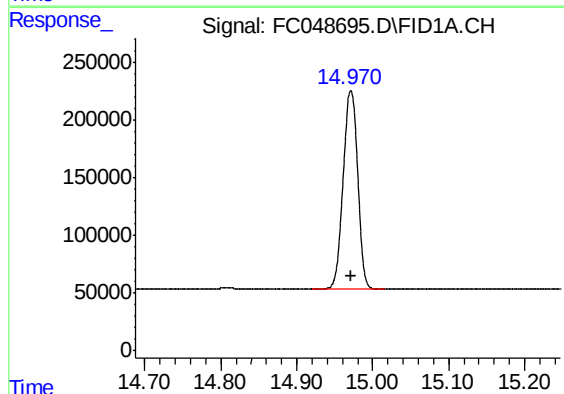
#12 1-chlorooctadecane (SURR)

R.T.: 13.117 min
Delta R.T.: 0.001 min
Response: 2073547
Conc: 18.40 ug/ml



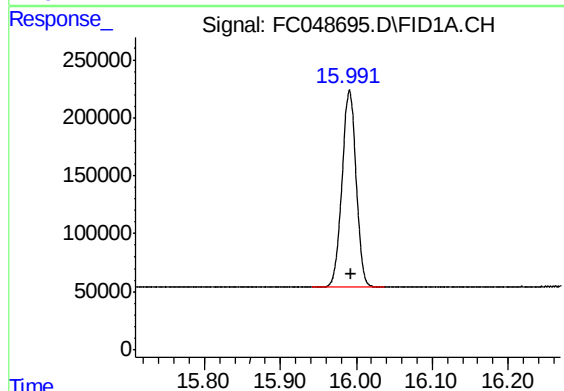
#13 n-Docosane (C22)

R.T.: 13.869 min
Delta R.T.: 0.000 min
Response: 2361541
Conc: 18.19 ug/ml



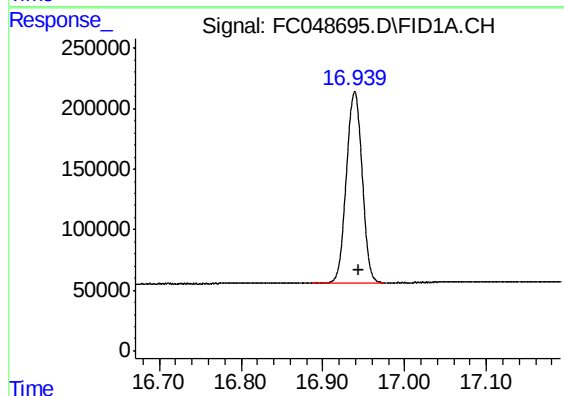
#14 n-Tetracosane (C24)

R.T.: 14.971 min
Delta R.T.: 0.000 min
Response: 2279156
Conc: 17.39 ug/ml



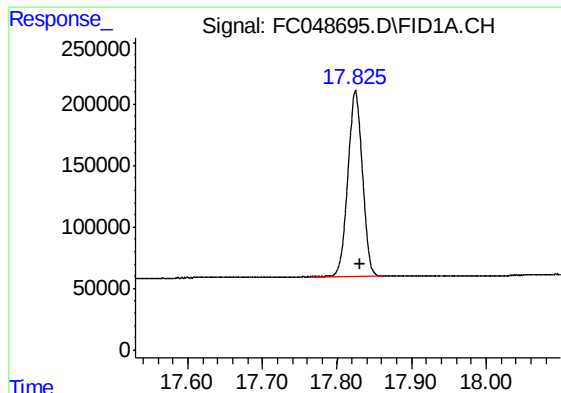
#15 n-Hexacosane (C26)

R.T.: 15.991 min
Delta R.T.: -0.001 min
Response: 2179426
Conc: 16.76 ug/ml



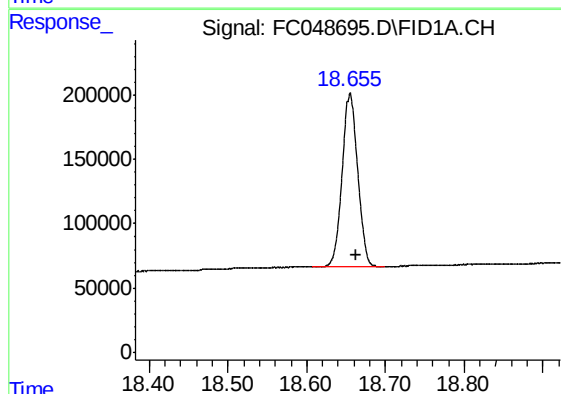
#16 n-Octacosane (C28)

R.T.: 16.939 min
Delta R.T.: -0.004 min
Response: 2116152
Conc: 16.19 ug/ml



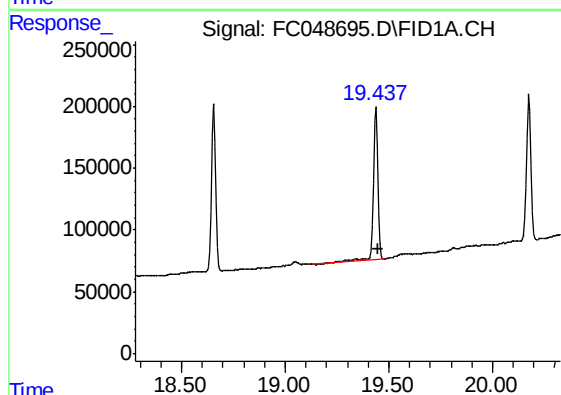
#17 n-Tricontane (C30)

R.T.: 17.825 min
Delta R.T.: -0.006 min
Response: 2032792
Conc: 15.81 ug/ml



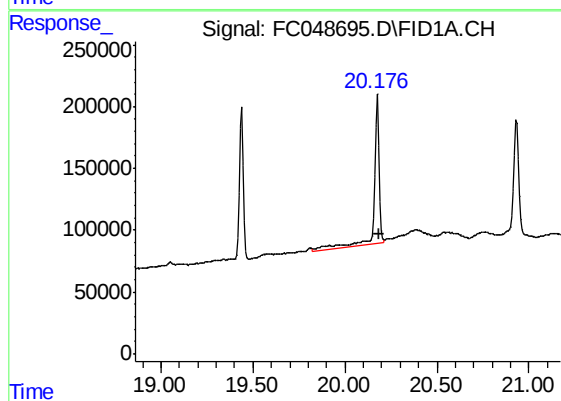
#18 n-Dotriacontane (C32)

R.T.: 18.655 min
Delta R.T.: -0.007 min
Response: 1850650
Conc: 15.66 ug/ml



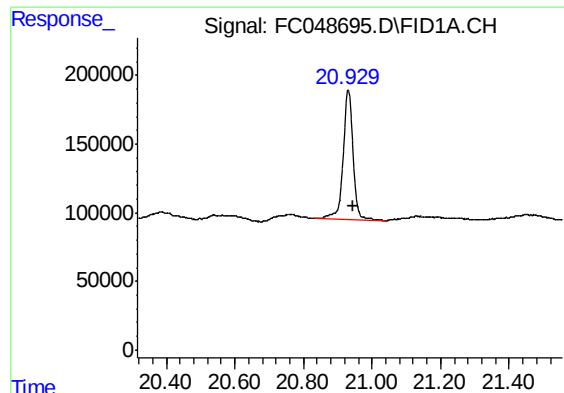
#19 n-Tetratriacontane (C34)

R.T.: 19.437 min
Delta R.T.: -0.010 min
Response: 1860259
Conc: 16.67 ug/ml



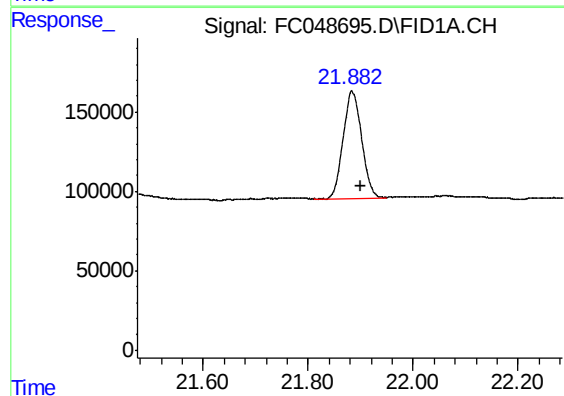
#20 n-Hexatriacontane (C36)

R.T.: 20.176 min
Delta R.T.: -0.011 min
Response: 2216020
Conc: 21.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.931 min
Delta R.T.: -0.015 min
Response: 1893802
Conc: 19.29 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.883 min
Delta R.T.: -0.018 min
Response: 1641661
Conc: 16.89 ug/ml