

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC090419AL\
 Data File : FC043308.D
 Signal(s) : FID1A.CH
 Acq On : 04 Sep 2019 8:32
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 05 02:00:54 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 082719.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 28 04:05:56 2019
 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)	11.612	2722417	19.014 ug/ml
Spiked Amount 50.000		Recovery =	38.03%
12) S 1-chlorooctadecane (S...	13.034	2058110	18.838 ug/ml
Spiked Amount 50.000		Recovery =	37.68%
Target Compounds			
1) T n-Nonane (C9)	3.447	2497254	20.967 ug/ml
2) T n-Decane (C10)	4.503	2519407	21.187 ug/ml
3) T A~Naphthalene (C11.7)	6.082	2605371	21.359 ug/ml
4) T n-Dodecane (C12)	6.498	2578023	21.072 ug/ml
5) T A~2-methylnaphthalene...	7.128	2598762	21.171 ug/ml
6) T n-Tetradecane (C14)	8.276	2576150	20.840 ug/ml
7) T n-Hexadecane (C16)	9.861	2562463	20.553 ug/ml
8) T n-Octadecane (C18)	11.292	2533472	19.918 ug/ml
10) T n-Eicosane (C20)	12.591	2475288	19.281 ug/ml
11) T n-Heneicosane (C21)	13.199	2458199	18.981 ug/ml
13) T n-Docosane (C22)	13.781	2407464	18.741 ug/ml
14) T n-Tetracosane (C24)	14.877	2347152	18.321 ug/ml
15) T n-Hexacosane (C26)	15.893	2266599	17.997 ug/ml
16) T n-Octacosane (C28)	16.837	2202979	17.942 ug/ml
17) T n-Tricontane (C30)	17.720	2173087	18.018 ug/ml
18) T n-Dotriacontane (C32)	18.548	2099129	18.402 ug/ml
19) T n-Tetratriacontane (C34)	19.328	2048596	19.040 ug/ml
20) T n-Hexatriacontane (C36)	20.064	1965218	18.666 ug/ml
21) T n-Octatriacontane (C38)	20.794	1938031	20.715 ug/ml
22) T n-Tetracontane (C40)	21.691	2000681	20.707 ug/ml

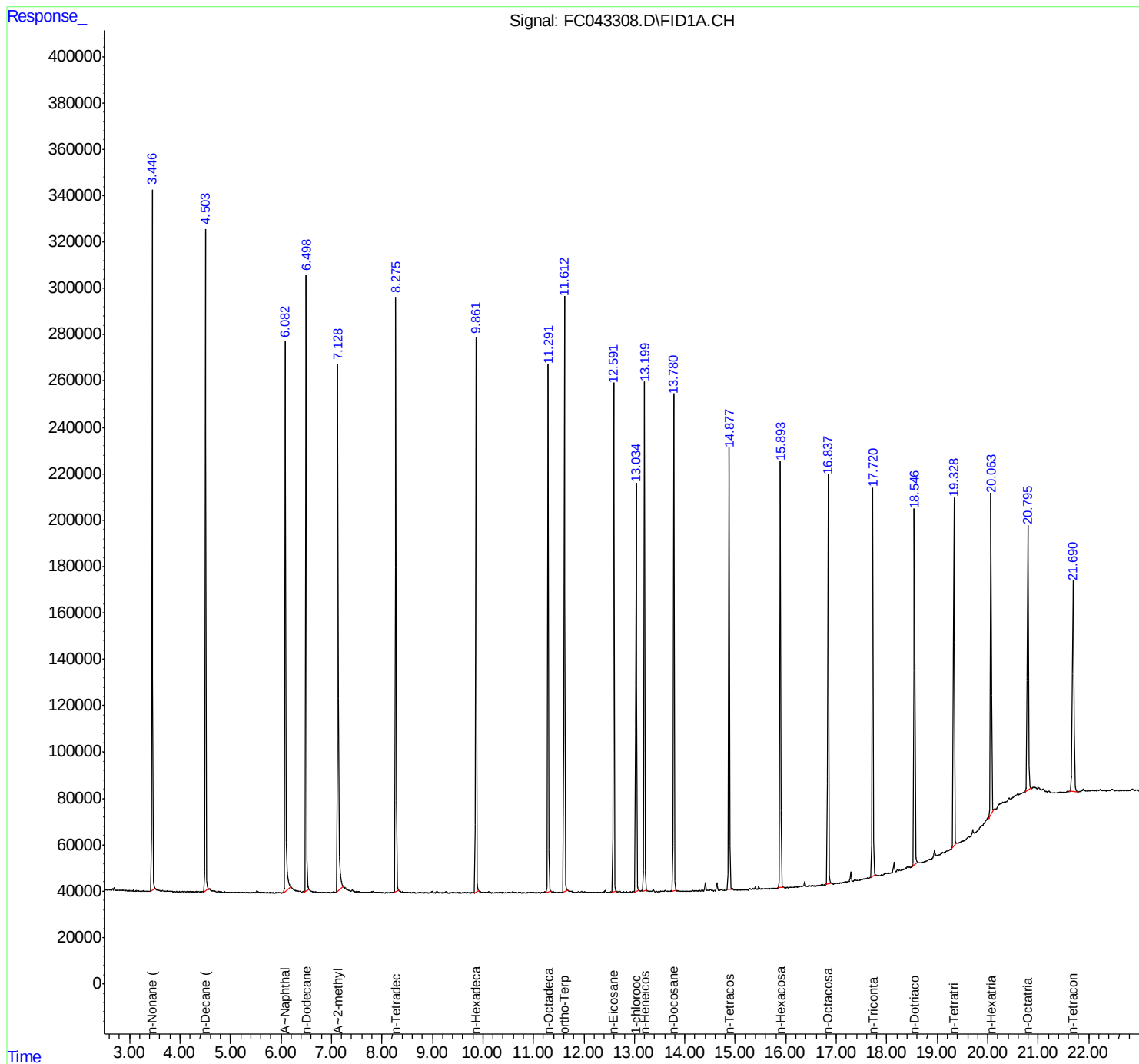
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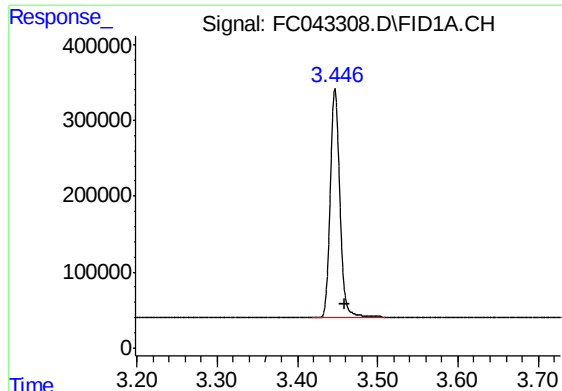
(m)=manual int.

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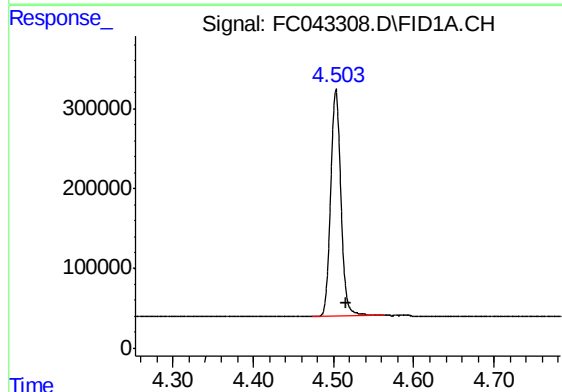
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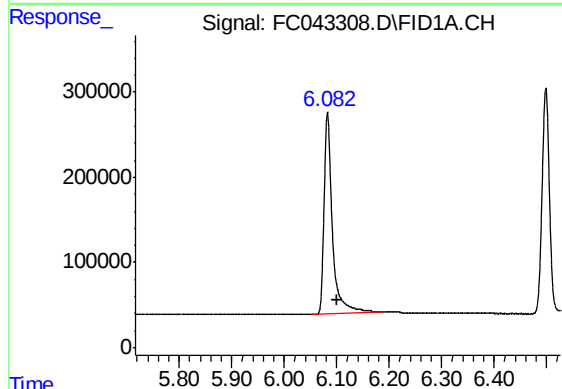
#1 n-Nonane (C9)

R.T.: 3.447 min
Delta R.T.: -0.012 min
Response: 2497254
Conc: 20.97 ug/ml



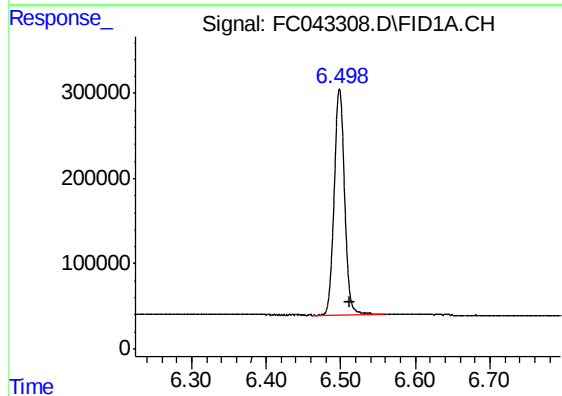
#2 n-Decane (C10)

R.T.: 4.503 min
Delta R.T.: -0.012 min
Response: 2519407
Conc: 21.19 ug/ml



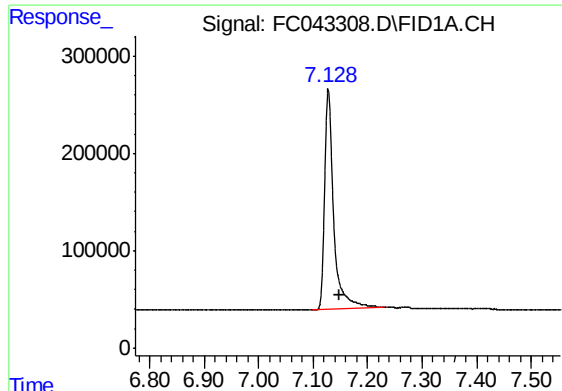
#3 A~Naphthalene (C11.7)

R.T.: 6.082 min
Delta R.T.: -0.019 min
Response: 2605371
Conc: 21.36 ug/ml



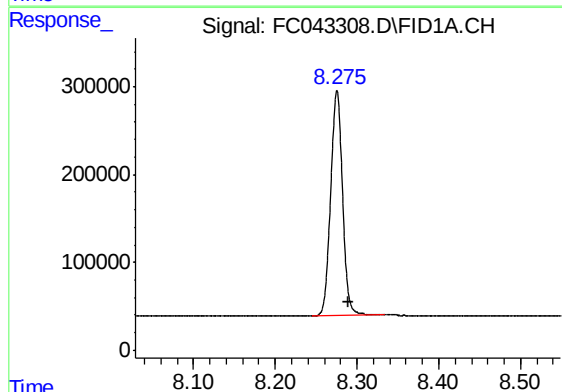
#4 n-Dodecane (C12)

R.T.: 6.498 min
Delta R.T.: -0.013 min
Response: 2578023
Conc: 21.07 ug/ml



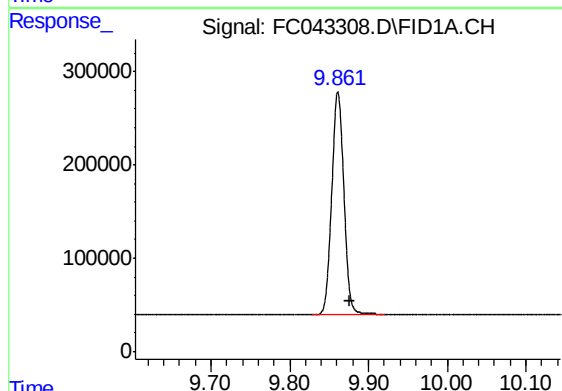
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.128 min
Delta R.T.: -0.020 min
Response: 2598762
Conc: 21.17 ug/ml



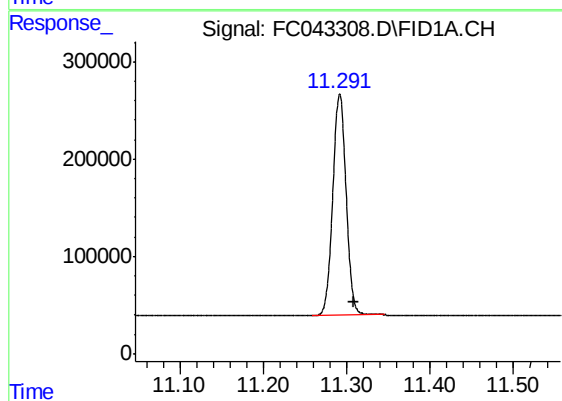
#6 n-Tetradecane (C14)

R.T.: 8.276 min
Delta R.T.: -0.014 min
Response: 2576150
Conc: 20.84 ug/ml



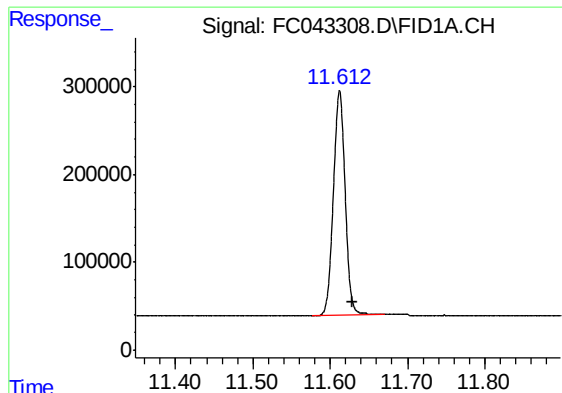
#7 n-Hexadecane (C16)

R.T.: 9.861 min
Delta R.T.: -0.015 min
Response: 2562463
Conc: 20.55 ug/ml



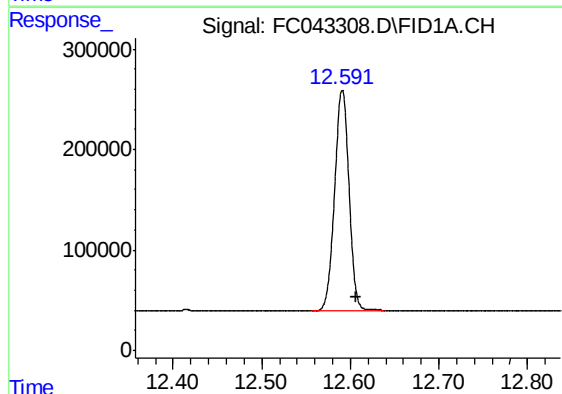
#8 n-Octadecane (C18)

R.T.: 11.292 min
Delta R.T.: -0.016 min
Response: 2533472
Conc: 19.92 ug/ml



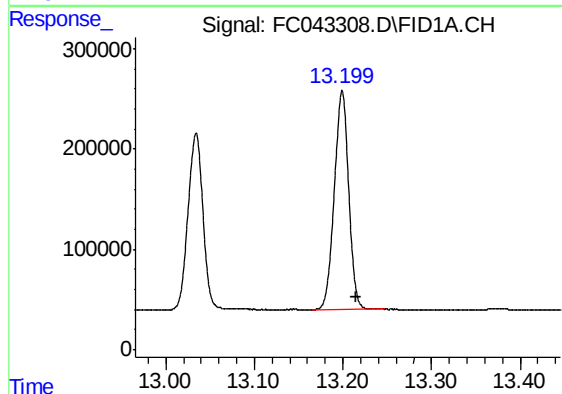
#9 ortho-Terphenyl (SURR)

R.T.: 11.612 min
Delta R.T.: -0.017 min
Response: 2722417
Conc: 19.01 ug/ml



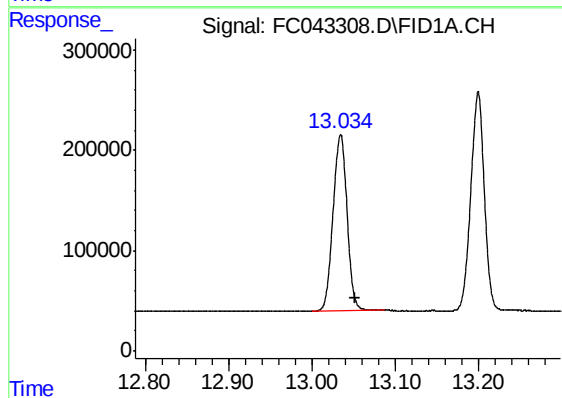
#10 n-Eicosane (C20)

R.T.: 12.591 min
Delta R.T.: -0.016 min
Response: 2475288
Conc: 19.28 ug/ml



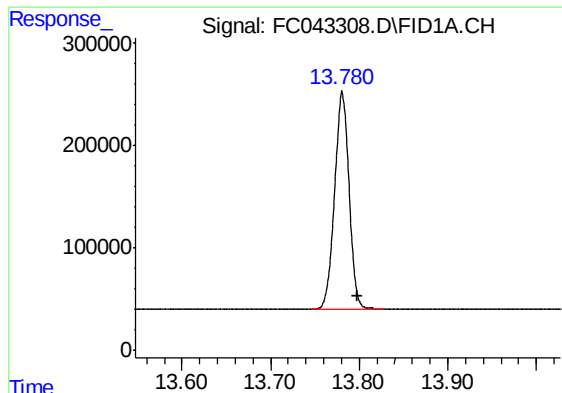
#11 n-Heneicosane (C21)

R.T.: 13.199 min
Delta R.T.: -0.016 min
Response: 2458199
Conc: 18.98 ug/ml



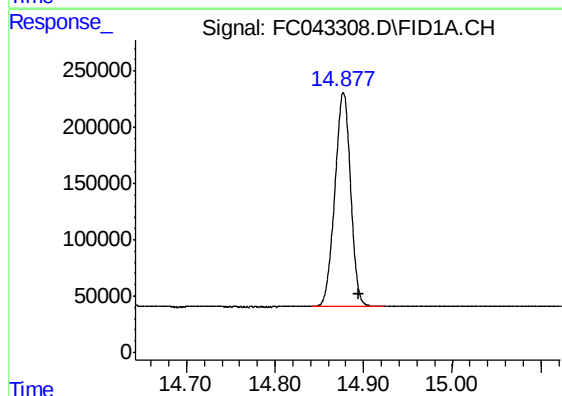
#12 1-chlorooctadecane (SURR)

R.T.: 13.034 min
Delta R.T.: -0.017 min
Response: 2058110
Conc: 18.84 ug/ml



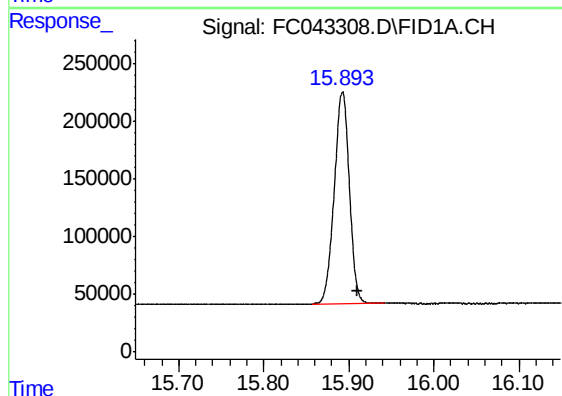
#13 n-Docosane (C22)

R.T.: 13.781 min
Delta R.T.: -0.017 min
Response: 2407464
Conc: 18.74 ug/ml



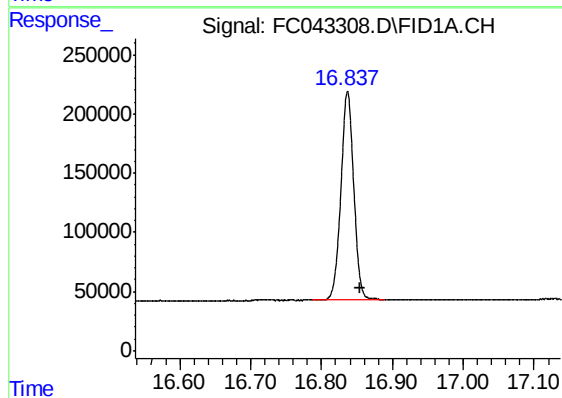
#14 n-Tetracosane (C24)

R.T.: 14.877 min
Delta R.T.: -0.017 min
Response: 2347152
Conc: 18.32 ug/ml



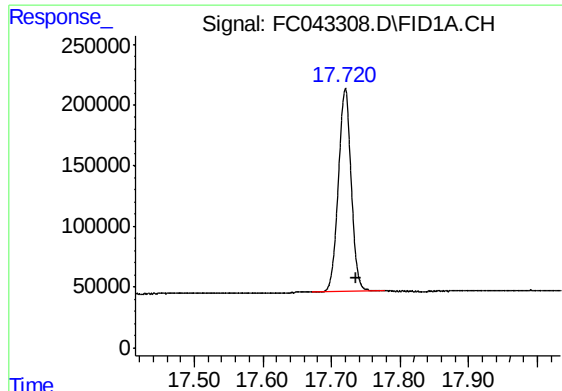
#15 n-Hexacosane (C26)

R.T.: 15.893 min
Delta R.T.: -0.017 min
Response: 2266599
Conc: 18.00 ug/ml



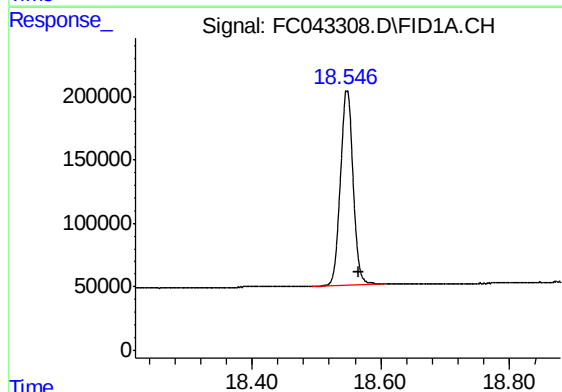
#16 n-Octacosane (C28)

R.T.: 16.837 min
Delta R.T.: -0.018 min
Response: 2202979
Conc: 17.94 ug/ml



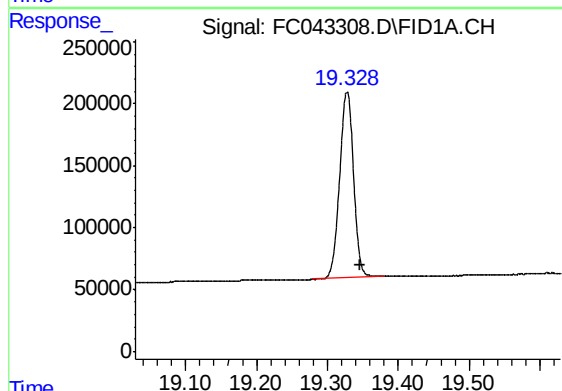
#17 n-Tricontane (C30)

R.T.: 17.720 min
Delta R.T.: -0.016 min
Response: 2173087
Conc: 18.02 ug/ml



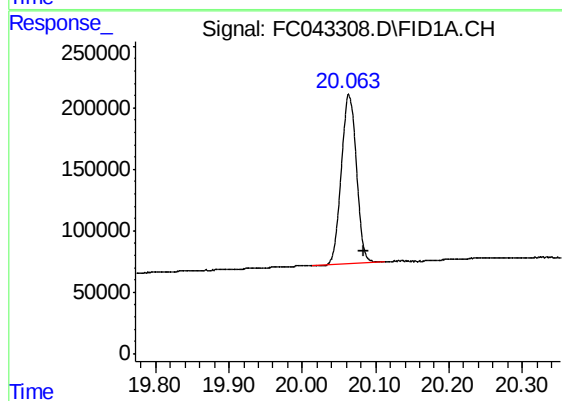
#18 n-Dotriacontane (C32)

R.T.: 18.548 min
Delta R.T.: -0.018 min
Response: 2099129
Conc: 18.40 ug/ml



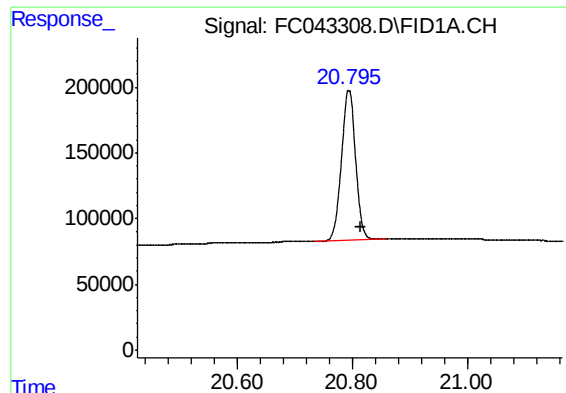
#19 n-Tetatriacontane (C34)

R.T.: 19.328 min
Delta R.T.: -0.019 min
Response: 2048596
Conc: 19.04 ug/ml



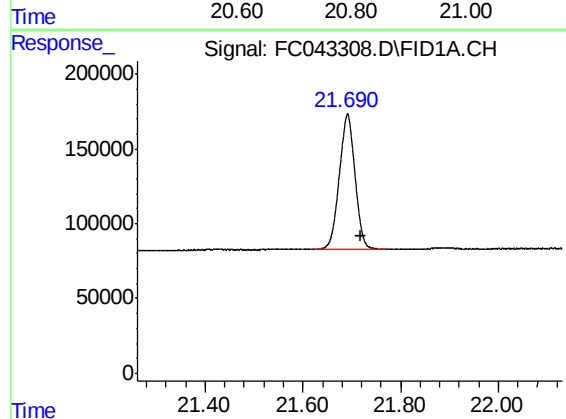
#20 n-Hexatriacontane (C36)

R.T.: 20.064 min
Delta R.T.: -0.020 min
Response: 1965218
Conc: 18.67 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.794 min
Delta R.T.: -0.021 min
Response: 1938031
Conc: 20.71 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.691 min
Delta R.T.: -0.028 min
Response: 2000681
Conc: 20.71 ug/ml