

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100219AL\
 Data File : FC043733.D
 Signal(s) : FID1A.CH
 Acq On : 02 Oct 2019 12:38
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 02 13:24:26 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 092519.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 26 10:57:53 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)	11.583	2970139	19.569 ug/ml
Spiked Amount 50.000		Recovery =	39.14%
12) S 1-chlorooctadecane (S...	13.003	2282539	19.252 ug/ml
Spiked Amount 50.000		Recovery =	38.50%
Target Compounds			
1) T n-Nonane (C9)	3.432	2520057	20.843 ug/ml
2) T n-Decane (C10)	4.484	2555768	21.115 ug/ml
3) T A-Naphthalene (C11.7)	6.063	2560616	21.749 ug/ml
4) T n-Dodecane (C12)	6.475	2681111	21.198 ug/ml
5) T A~2-methylnaphthalene...	7.107	2572418	21.347 ug/ml
6) T n-Tetradecane (C14)	8.251	2720041	21.131 ug/ml
7) T n-Hexadecane (C16)	9.835	2760941	20.968 ug/ml
8) T n-Octadecane (C18)	11.263	2783227	20.406 ug/ml
10) T n-Eicosane (C20)	12.560	2762412	19.792 ug/ml
11) T n-Heneicosane (C21)	13.166	2759521	19.418 ug/ml
13) T n-Docosane (C22)	13.747	2718476	19.132 ug/ml
14) T n-Tetracosane (C24)	14.842	2630468	18.323 ug/ml
15) T n-Hexacosane (C26)	15.856	2524896	17.657 ug/ml
16) T n-Octacosane (C28)	16.799	2411863	17.014 ug/ml
17) T n-Tricontane (C30)	17.682	2325458	16.581 ug/ml
18) T n-Dotriacontane (C32)	18.510	2192209	16.503 ug/ml
19) T n-Tetratriacontane (C34)	19.289	2105221	16.849 ug/ml
20) T n-Hexatriacontane (C36)	20.026	2061509	17.835 ug/mlm
21) T n-Octatriacontane (C38)	20.748	1909054	17.937 ug/ml
22) T n-Tetracontane (C40)	21.631	1961454	18.760 ug/ml

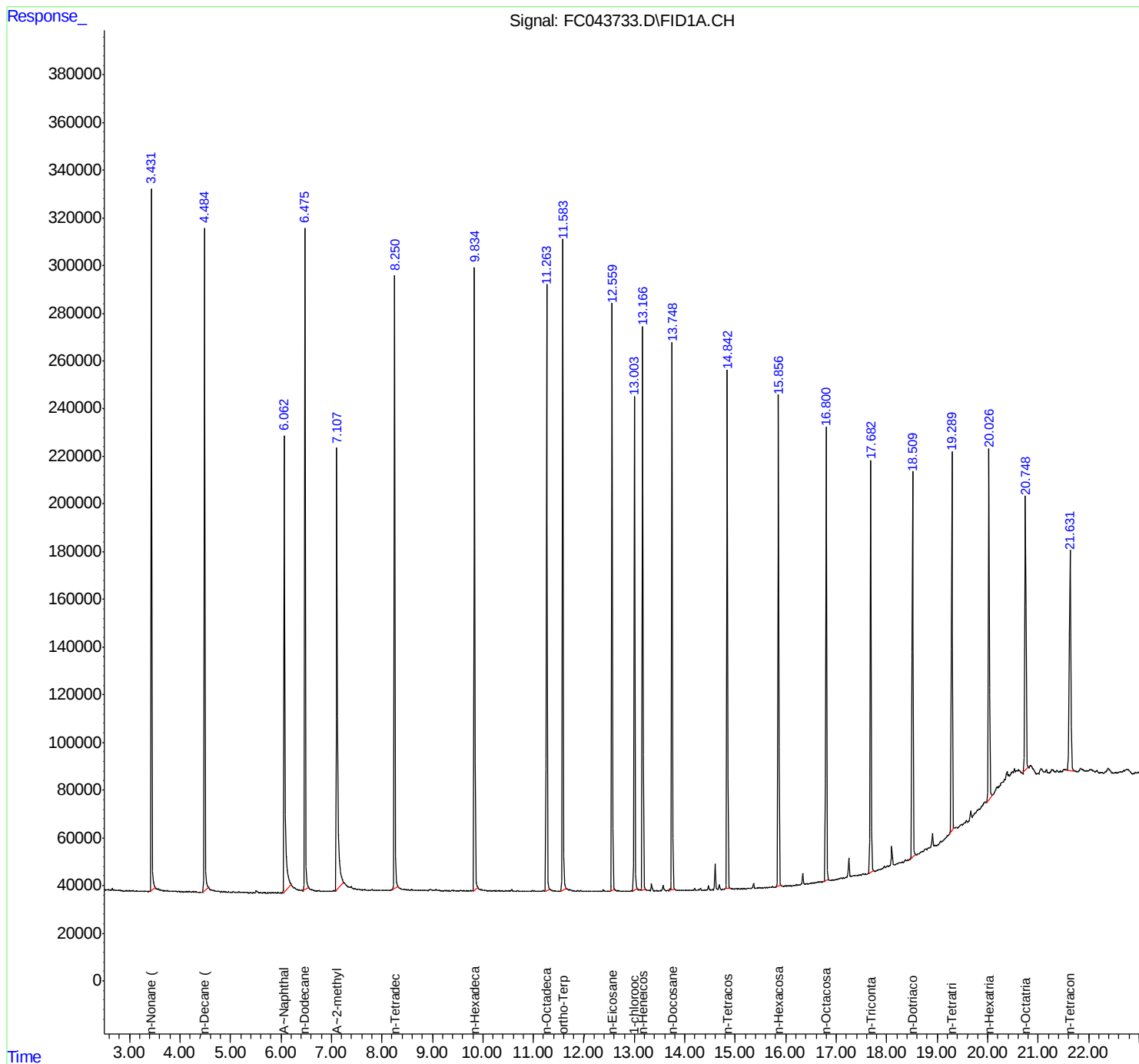
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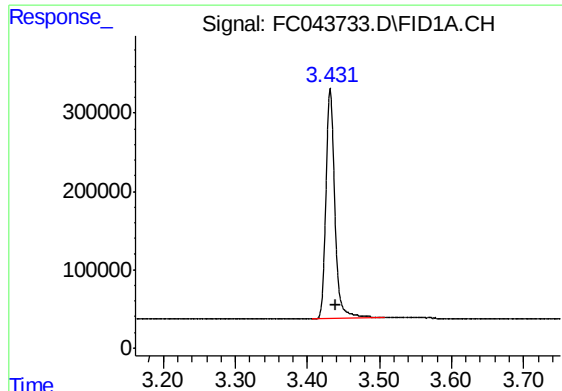
(m)=manual int.

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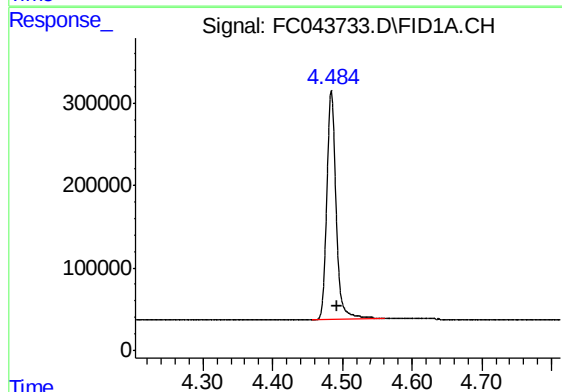
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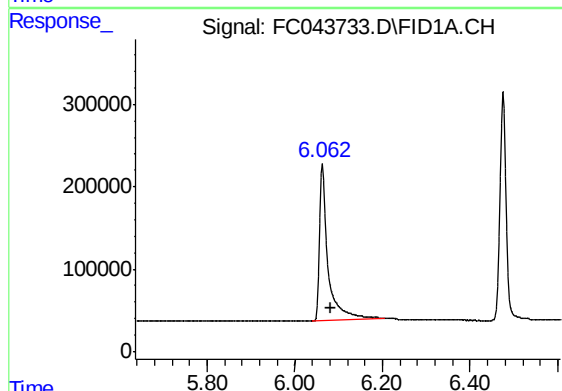
#1 n-Nonane (C9)

R.T.: 3.432 min
Delta R.T.: -0.007 min
Response: 2520057
Conc: 20.84 ug/ml



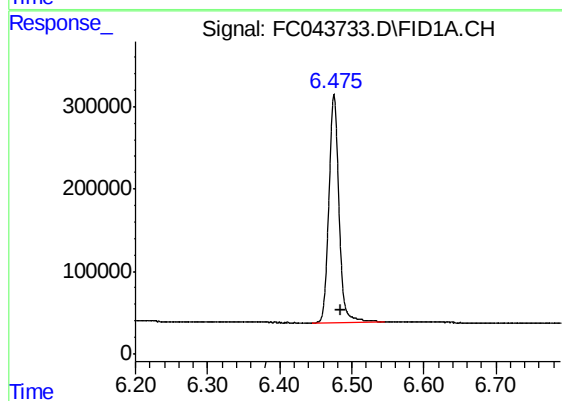
#2 n-Decane (C10)

R.T.: 4.484 min
Delta R.T.: -0.008 min
Response: 2555768
Conc: 21.12 ug/ml



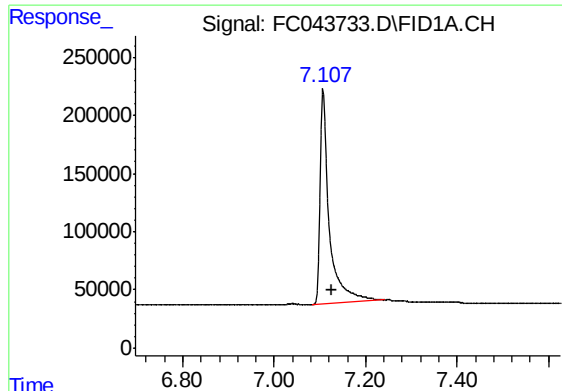
#3 A~Naphthalene (C11.7)

R.T.: 6.063 min
Delta R.T.: -0.018 min
Response: 2560616
Conc: 21.75 ug/ml



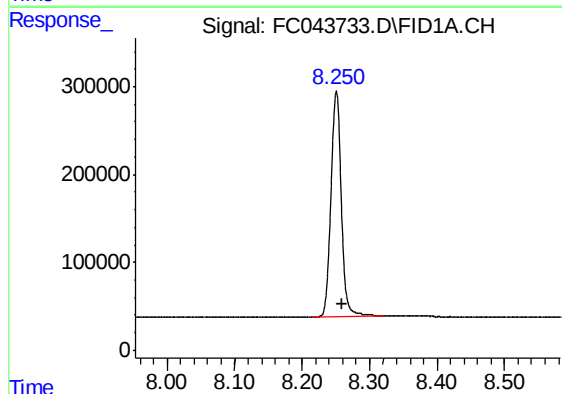
#4 n-Dodecane (C12)

R.T.: 6.475 min
Delta R.T.: -0.009 min
Response: 2681111
Conc: 21.20 ug/ml



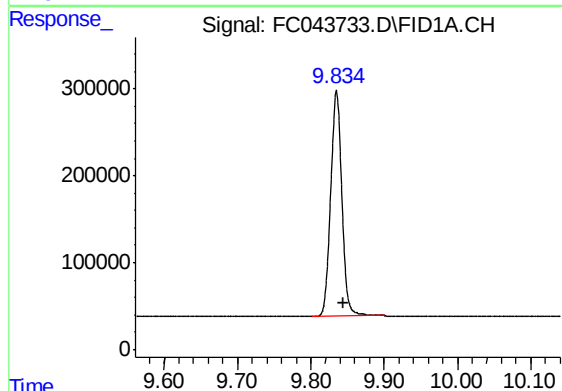
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.107 min
Delta R.T.: -0.020 min
Response: 2572418
Conc: 21.35 ug/ml



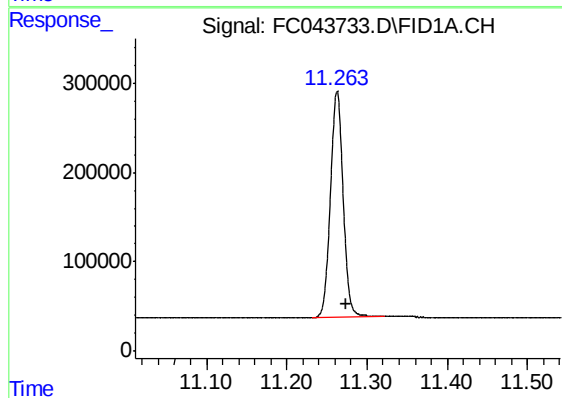
#6 n-Tetradecane (C14)

R.T.: 8.251 min
Delta R.T.: -0.009 min
Response: 2720041
Conc: 21.13 ug/ml



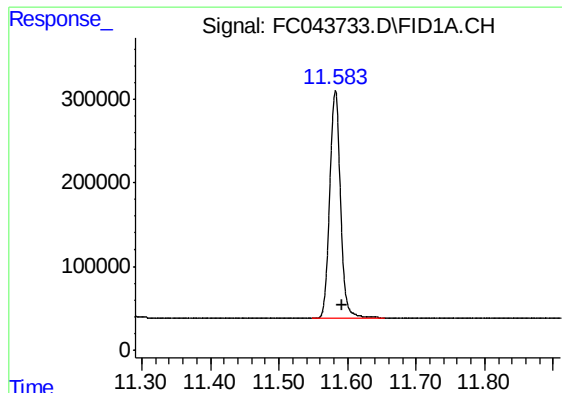
#7 n-Hexadecane (C16)

R.T.: 9.835 min
Delta R.T.: -0.009 min
Response: 2760941
Conc: 20.97 ug/ml



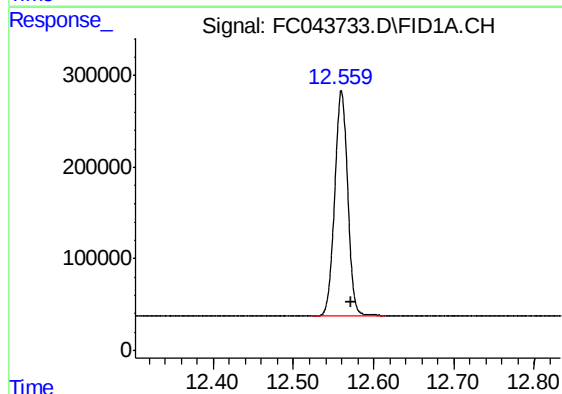
#8 n-Octadecane (C18)

R.T.: 11.263 min
Delta R.T.: -0.010 min
Response: 2783227
Conc: 20.41 ug/ml



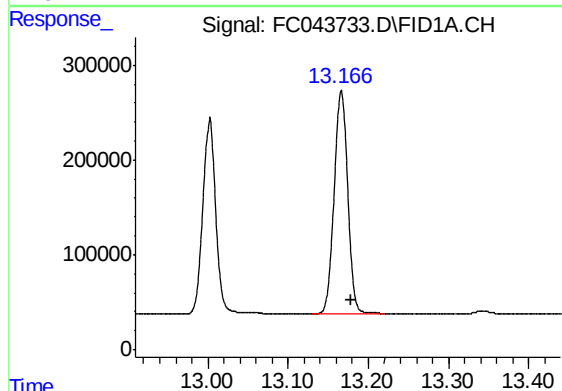
#9 ortho-Terphenyl (SURR)

R.T.: 11.583 min
Delta R.T.: -0.010 min
Response: 2970139
Conc: 19.57 ug/ml



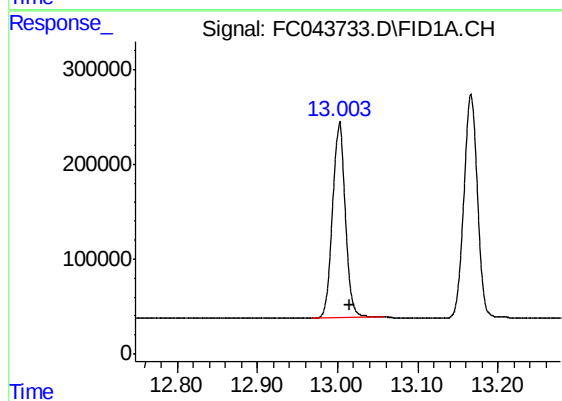
#10 n-Eicosane (C20)

R.T.: 12.560 min
Delta R.T.: -0.012 min
Response: 2762412
Conc: 19.79 ug/ml



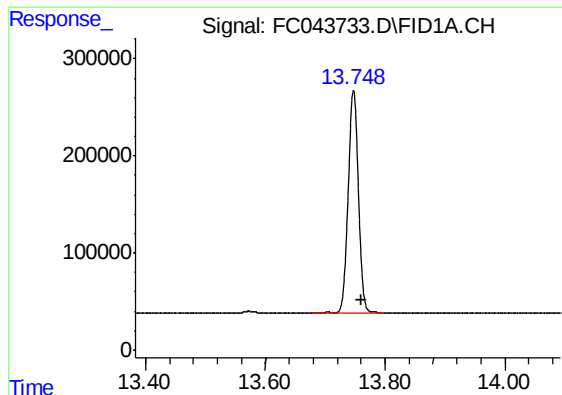
#11 n-Heneicosane (C21)

R.T.: 13.166 min
Delta R.T.: -0.012 min
Response: 2759521
Conc: 19.42 ug/ml



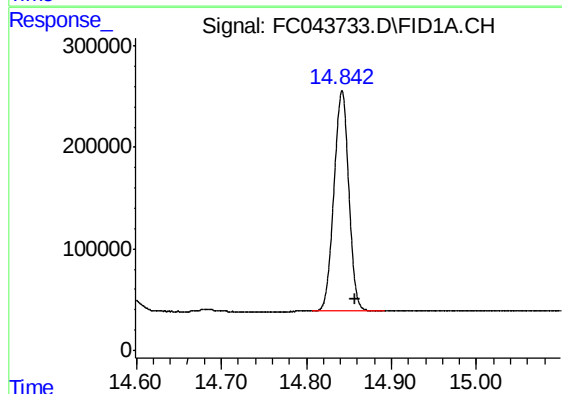
#12 1-chlorooctadecane (SURR)

R.T.: 13.003 min
Delta R.T.: -0.013 min
Response: 2282539
Conc: 19.25 ug/ml



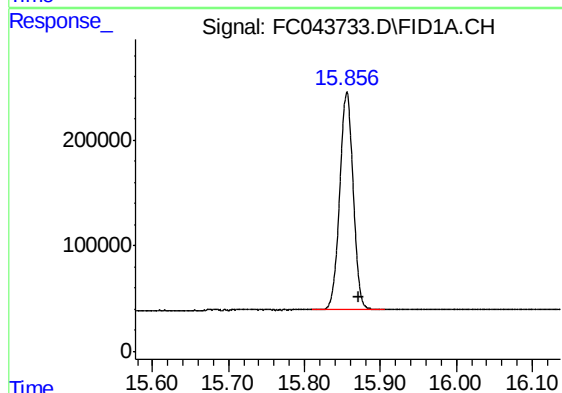
#13 n-Docosane (C22)

R.T.: 13.747 min
Delta R.T.: -0.014 min
Response: 2718476
Conc: 19.13 ug/ml



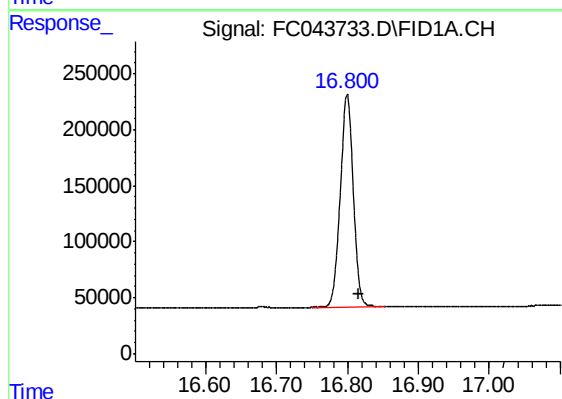
#14 n-Tetracosane (C24)

R.T.: 14.842 min
Delta R.T.: -0.015 min
Response: 2630468
Conc: 18.32 ug/ml



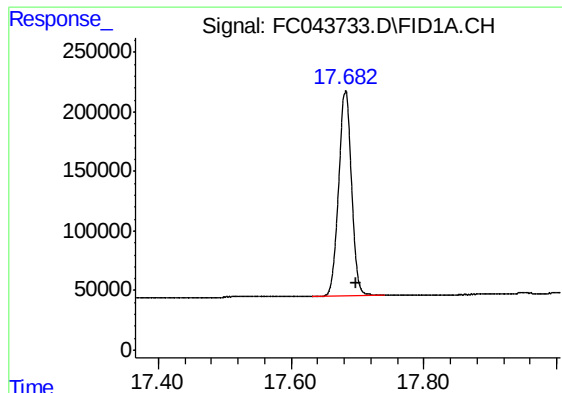
#15 n-Hexacosane (C26)

R.T.: 15.856 min
Delta R.T.: -0.015 min
Response: 2524896
Conc: 17.66 ug/ml



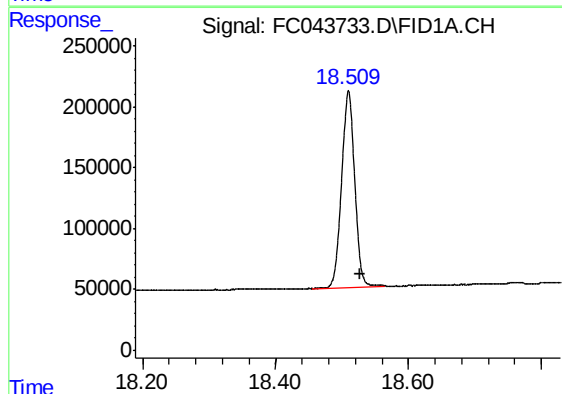
#16 n-Octacosane (C28)

R.T.: 16.799 min
Delta R.T.: -0.016 min
Response: 2411863
Conc: 17.01 ug/ml



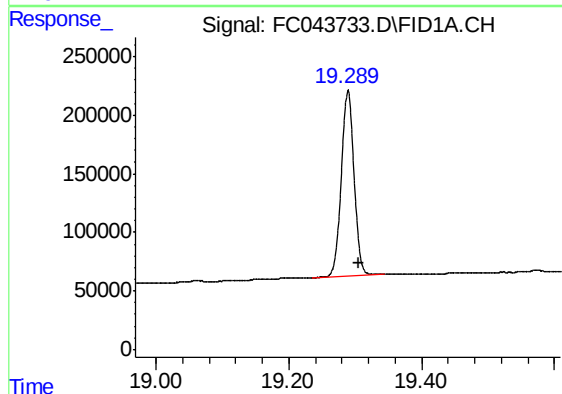
#17 n-Tricontane (C30)

R.T.: 17.682 min
Delta R.T.: -0.017 min
Response: 2325458
Conc: 16.58 ug/ml



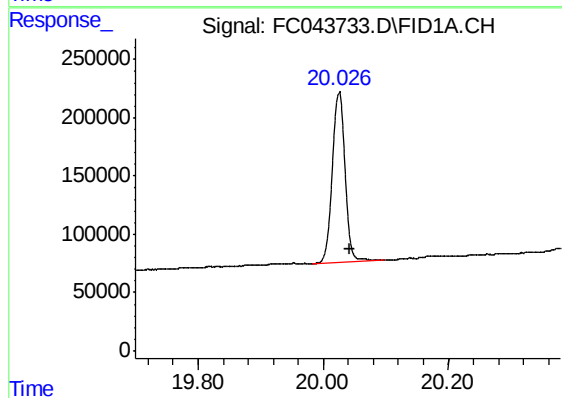
#18 n-Dotriacontane (C32)

R.T.: 18.510 min
Delta R.T.: -0.017 min
Response: 2192209
Conc: 16.50 ug/ml



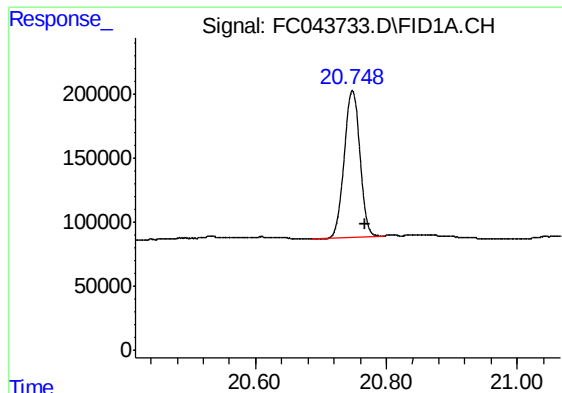
#19 n-Tetatriacontane (C34)

R.T.: 19.289 min
Delta R.T.: -0.017 min
Response: 2105221
Conc: 16.85 ug/ml



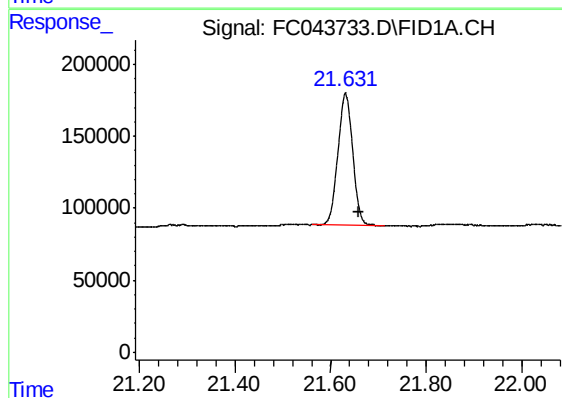
#20 n-Hexatriacontane (C36)

R.T.: 20.026 min
Delta R.T.: -0.017 min
Response: 2061509
Conc: 17.84 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.748 min
Delta R.T.: -0.019 min
Response: 1909054
Conc: 17.94 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.631 min
Delta R.T.: -0.029 min
Response: 1961454
Conc: 18.76 ug/ml