

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100119AL\
 Data File : FC043726.D
 Signal(s) : FID1A.CH
 Acq On : 02 Oct 2019 4:03
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 02 05:14:09 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic 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)	11.581	2944952	19.403 ug/ml
Spiked Amount 50.000		Recovery =	38.81%
12) S 1-chlorooctadecane (S...	13.002	2268909	19.137 ug/ml
Spiked Amount 50.000		Recovery =	38.27%
Target Compounds			
1) T n-Nonane (C9)	3.432	2492435	20.615 ug/ml
2) T n-Decane (C10)	4.485	2522464	20.840 ug/ml
3) T A-Naphthalene (C11.7)	6.063	2494419	21.187 ug/ml
4) T n-Dodecane (C12)	6.476	2660340	21.034 ug/ml
5) T A~2-methylnaphthalene...	7.108	2556145	21.212 ug/ml
6) T n-Tetradecane (C14)	8.250	2697065	20.953 ug/ml
7) T n-Hexadecane (C16)	9.834	2730472	20.737 ug/ml
8) T n-Octadecane (C18)	11.262	2751512	20.173 ug/ml
10) T n-Eicosane (C20)	12.559	2742272	19.647 ug/ml
11) T n-Heneicosane (C21)	13.167	2742466	19.298 ug/ml
13) T n-Docosane (C22)	13.750	2685290	18.899 ug/ml
14) T n-Tetracosane (C24)	14.844	2612990	18.201 ug/ml
15) T n-Hexacosane (C26)	15.858	2503599	17.508 ug/ml
16) T n-Octacosane (C28)	16.801	2387623	16.843 ug/ml
17) T n-Tricontane (C30)	17.683	2298448	16.389 ug/ml
18) T n-Dotriacontane (C32)	18.509	2165325	16.301 ug/ml
19) T n-Tetratriacontane (C34)	19.287	2070742	16.573 ug/ml
20) T n-Hexatriacontane (C36)	20.024	2018369	17.462 ug/mlm
21) T n-Octatriacontane (C38)	20.748	1900850	17.860 ug/ml
22) T n-Tetracontane (C40)	21.631	1968828	18.830 ug/ml

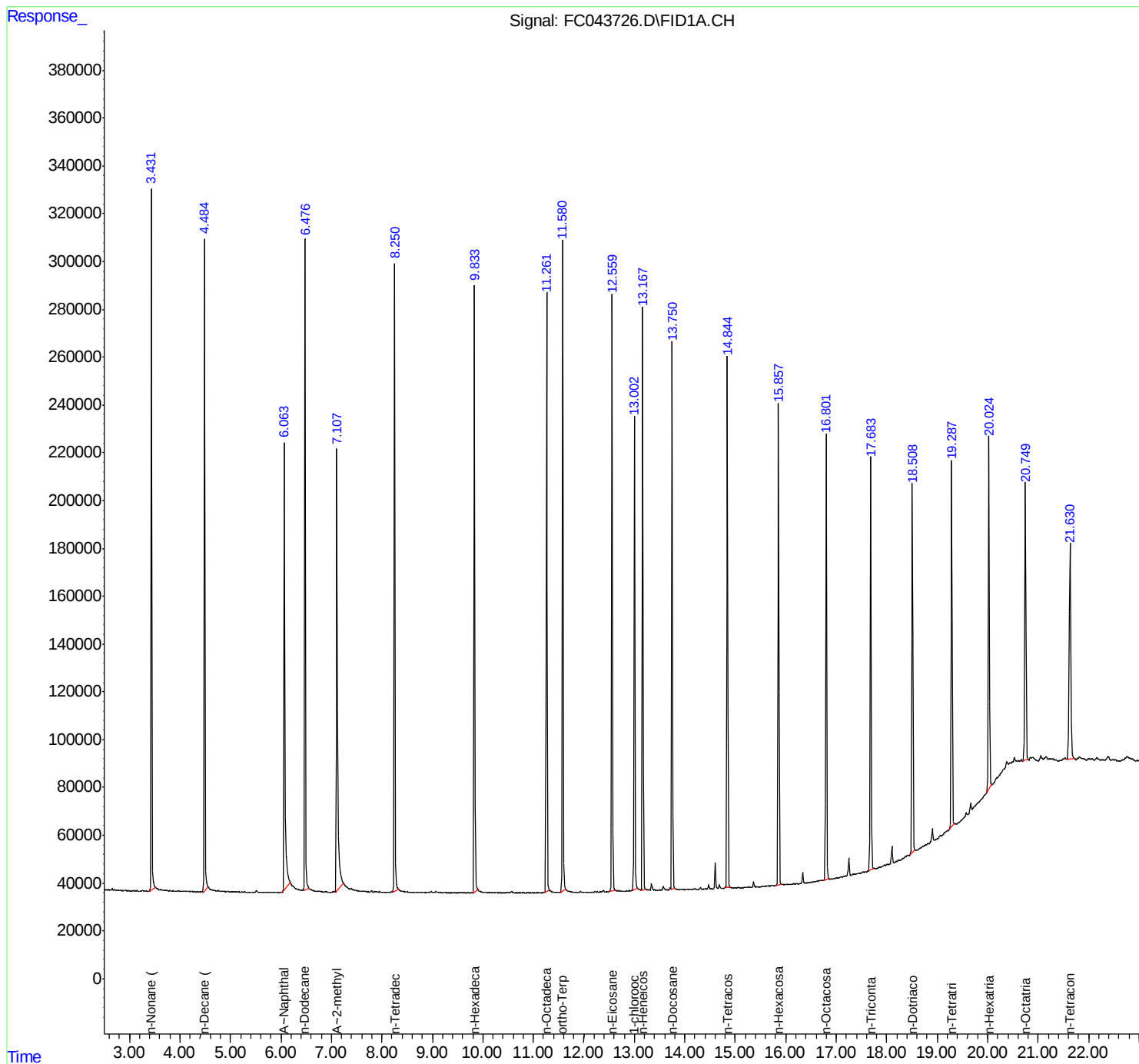
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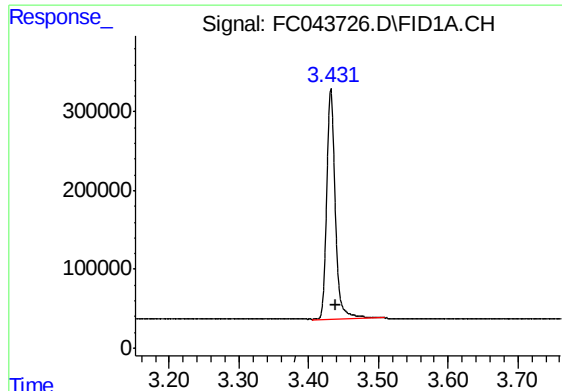
(m)=manual int.

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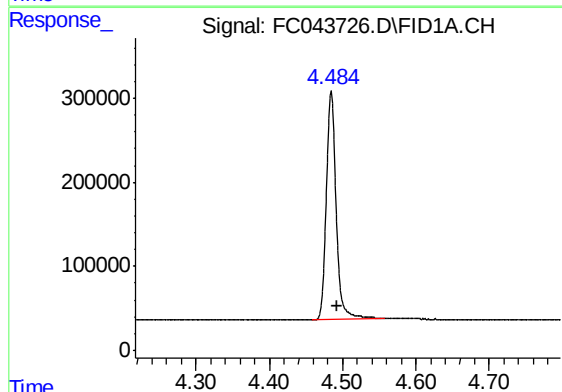
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Signal Info : 20M x 0.18mm x 0.18um





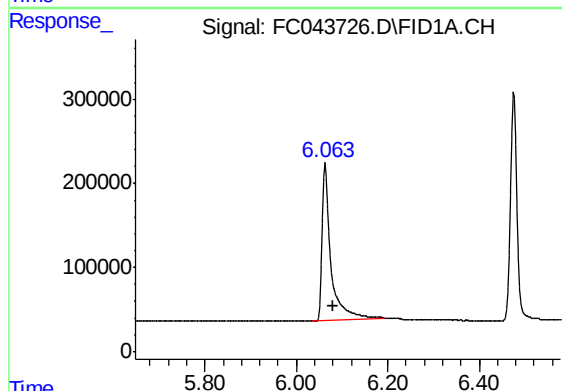
#1 n-Nonane (C9)

R.T.: 3.432 min
Delta R.T.: -0.007 min
Response: 2492435
Conc: 20.62 ug/ml



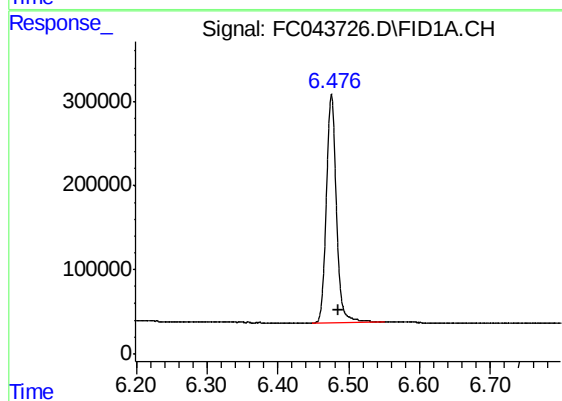
#2 n-Decane (C10)

R.T.: 4.485 min
Delta R.T.: -0.007 min
Response: 2522464
Conc: 20.84 ug/ml



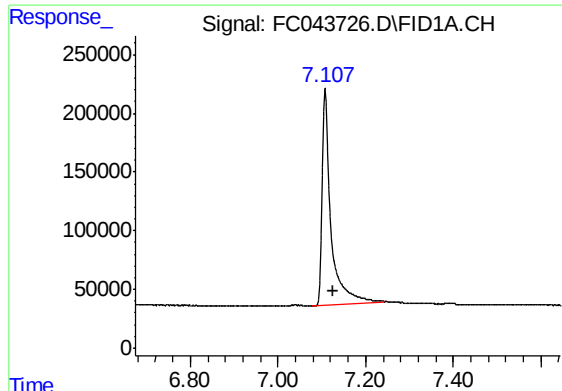
#3 A~Naphthalene (C11.7)

R.T.: 6.063 min
Delta R.T.: -0.018 min
Response: 2494419
Conc: 21.19 ug/ml



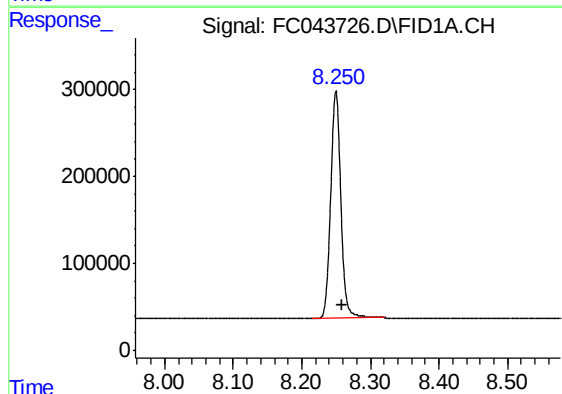
#4 n-Dodecane (C12)

R.T.: 6.476 min
Delta R.T.: -0.009 min
Response: 2660340
Conc: 21.03 ug/ml



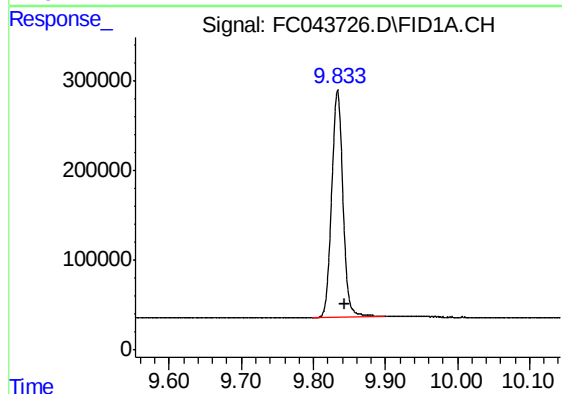
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.108 min
Delta R.T.: -0.020 min
Response: 2556145
Conc: 21.21 ug/ml



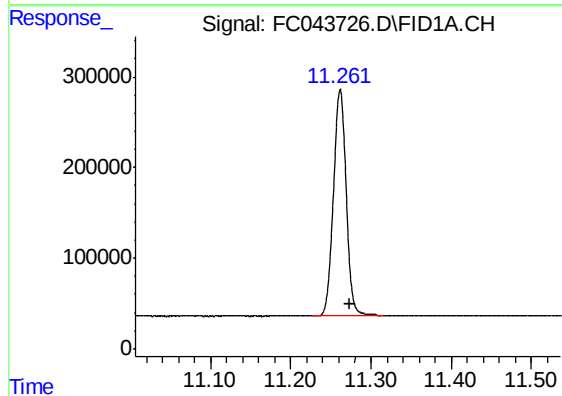
#6 n-Tetradecane (C14)

R.T.: 8.250 min
Delta R.T.: -0.010 min
Response: 2697065
Conc: 20.95 ug/ml



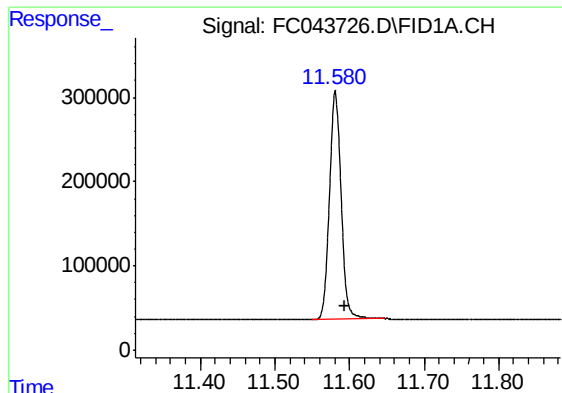
#7 n-Hexadecane (C16)

R.T.: 9.834 min
Delta R.T.: -0.010 min
Response: 2730472
Conc: 20.74 ug/ml



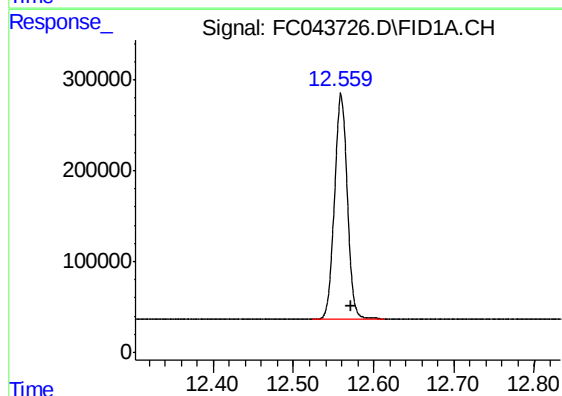
#8 n-Octadecane (C18)

R.T.: 11.262 min
Delta R.T.: -0.011 min
Response: 2751512
Conc: 20.17 ug/ml



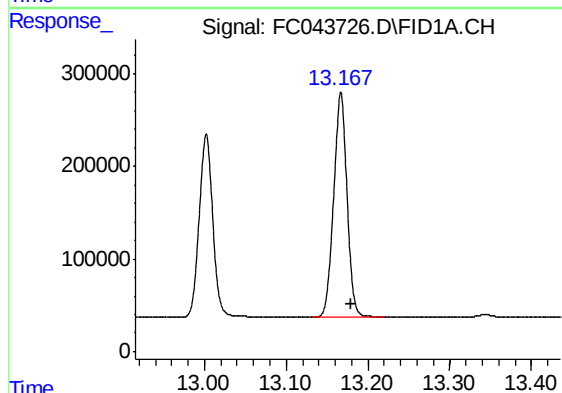
#9 ortho-Terphenyl (SURR)

R.T.: 11.581 min
Delta R.T.: -0.012 min
Response: 2944952
Conc: 19.40 ug/ml



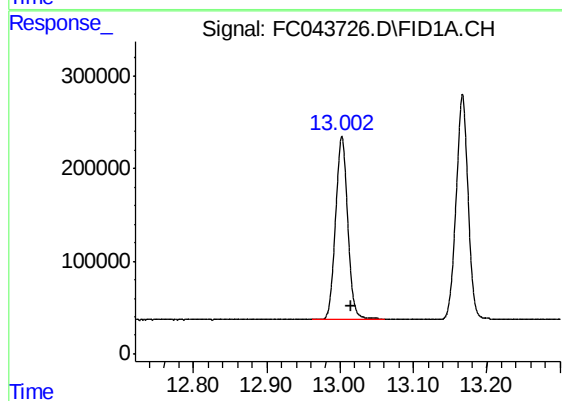
#10 n-Eicosane (C20)

R.T.: 12.559 min
Delta R.T.: -0.013 min
Response: 2742272
Conc: 19.65 ug/ml



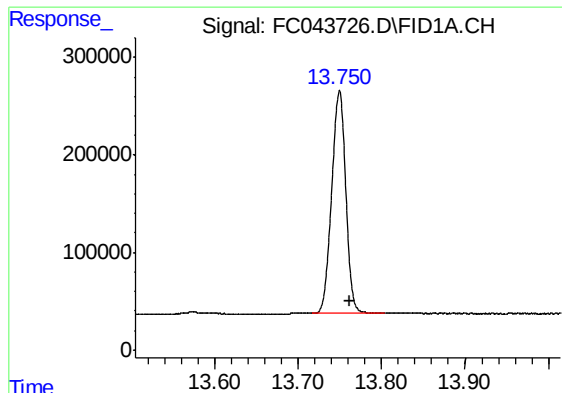
#11 n-Heneicosane (C21)

R.T.: 13.167 min
Delta R.T.: -0.012 min
Response: 2742466
Conc: 19.30 ug/ml



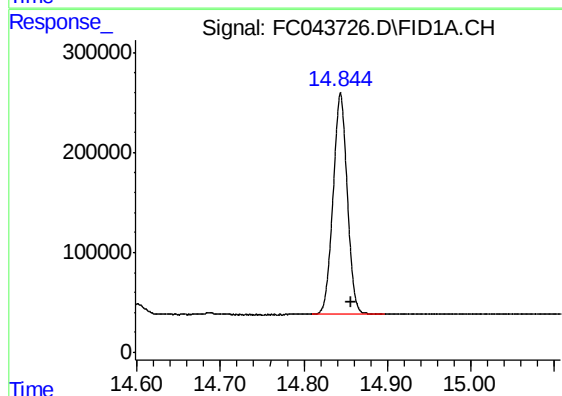
#12 1-chlorooctadecane (SURR)

R.T.: 13.002 min
Delta R.T.: -0.013 min
Response: 2268909
Conc: 19.14 ug/ml



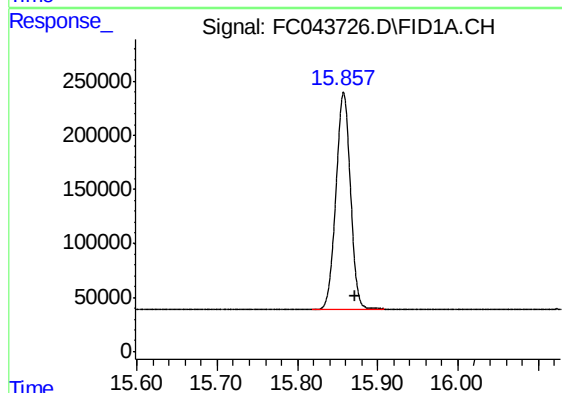
#13 n-Docosane (C22)

R.T.: 13.750 min
Delta R.T.: -0.011 min
Response: 2685290
Conc: 18.90 ug/ml



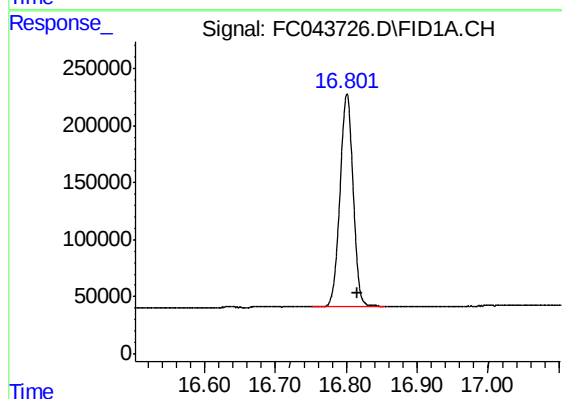
#14 n-Tetracosane (C24)

R.T.: 14.844 min
Delta R.T.: -0.012 min
Response: 2612990
Conc: 18.20 ug/ml



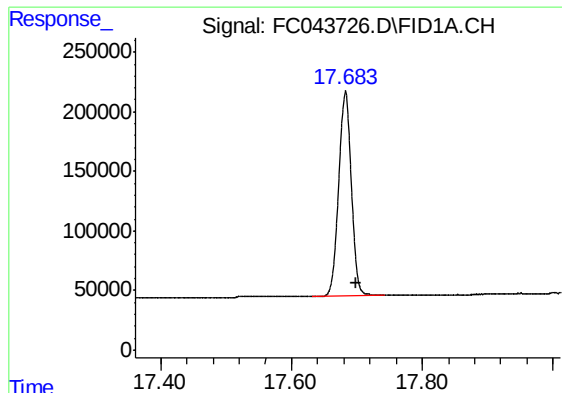
#15 n-Hexacosane (C26)

R.T.: 15.858 min
Delta R.T.: -0.014 min
Response: 2503599
Conc: 17.51 ug/ml



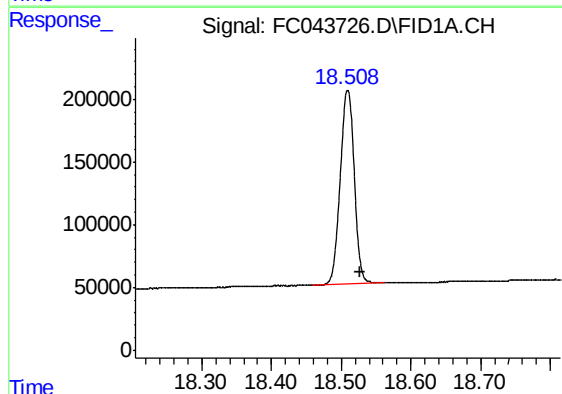
#16 n-Octacosane (C28)

R.T.: 16.801 min
Delta R.T.: -0.015 min
Response: 2387623
Conc: 16.84 ug/ml



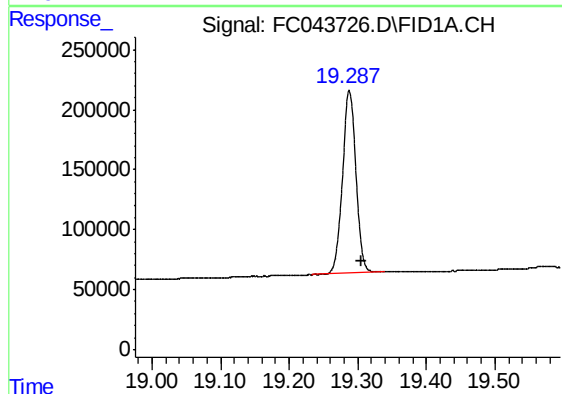
#17 n-Tricontane (C30)

R.T.: 17.683 min
Delta R.T.: -0.016 min
Response: 2298448
Conc: 16.39 ug/ml



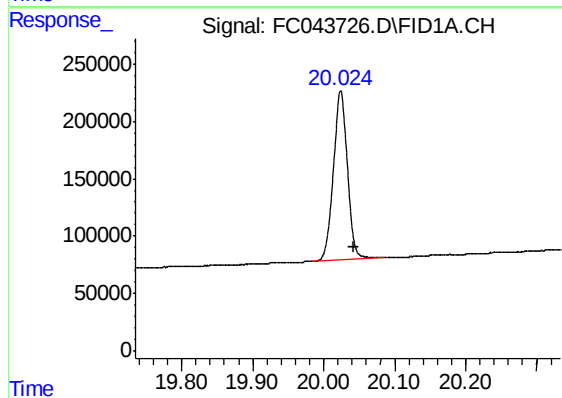
#18 n-Dotriacontane (C32)

R.T.: 18.509 min
Delta R.T.: -0.018 min
Response: 2165325
Conc: 16.30 ug/ml



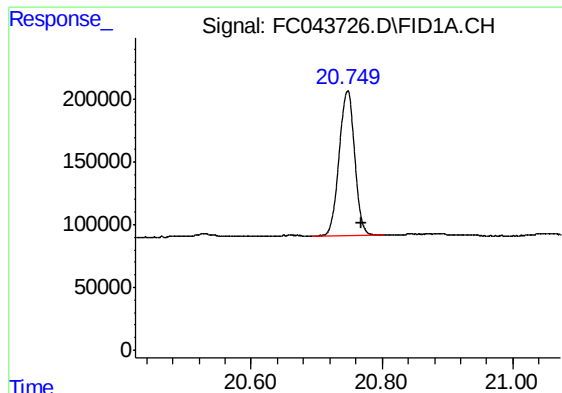
#19 n-Tetatriacontane (C34)

R.T.: 19.287 min
Delta R.T.: -0.018 min
Response: 2070742
Conc: 16.57 ug/ml



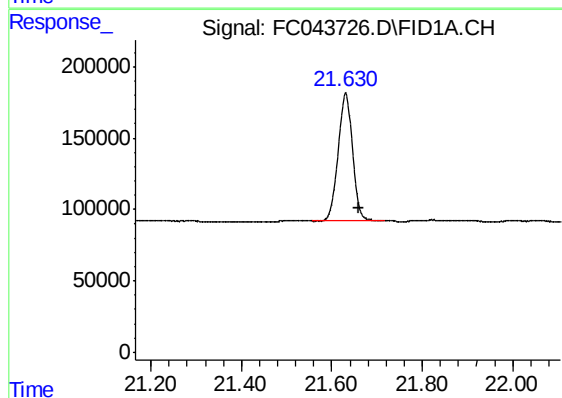
#20 n-Hexatriacontane (C36)

R.T.: 20.024 min
Delta R.T.: -0.018 min
Response: 2018369
Conc: 17.46 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.748 min
Delta R.T.: -0.019 min
Response: 1900850
Conc: 17.86 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.631 min
Delta R.T.: -0.030 min
Response: 1968828
Conc: 18.83 ug/ml