

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC090619AL\
 Data File : FC043344.D
 Signal(s) : FID1A.CH
 Acq On : 06 Sep 2019 8:40
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Sep 07 00:43:33 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)	11.611	2807591	19.609 ug/ml
Spiked Amount 50.000		Recovery =	39.22%
12) S 1-chlorooctadecane (S...	13.033	2119058	19.396 ug/ml
Spiked Amount 50.000		Recovery =	38.79%
Target Compounds			
1) T n-Nonane (C9)	3.446	2559327	21.489 ug/ml
2) T n-Decane (C10)	4.502	2622653	22.056 ug/ml
3) T A~Naphthalene (C11.7)	6.082	2685083	22.012 ug/ml
4) T n-Dodecane (C12)	6.497	2680121	21.907 ug/ml
5) T A~2-methylnaphthalene...	7.127	2712982	22.101 ug/ml
6) T n-Tetradecane (C14)	8.274	2667584	21.580 ug/ml
7) T n-Hexadecane (C16)	9.860	2642661	21.196 ug/ml
8) T n-Octadecane (C18)	11.291	2610811	20.526 ug/ml
10) T n-Eicosane (C20)	12.590	2550763	19.869 ug/ml
11) T n-Heneicosane (C21)	13.197	2536386	19.585 ug/ml
13) T n-Docosane (C22)	13.779	2479243	19.299 ug/ml
14) T n-Tetracosane (C24)	14.875	2422643	18.910 ug/ml
15) T n-Hexacosane (C26)	15.891	2345343	18.622 ug/ml
16) T n-Octacosane (C28)	16.836	2290045	18.651 ug/ml
17) T n-Tricontane (C30)	17.718	2283082	18.930 ug/ml
18) T n-Dotriacontane (C32)	18.547	2218840	19.452 ug/ml
19) T n-Tetratriacontane (C34)	19.325	2150317	19.986 ug/ml
20) T n-Hexatriacontane (C36)	20.063	2104452	19.988 ug/ml
21) T n-Octatriacontane (C38)	20.792	2019968	21.590 ug/ml
22) T n-Tetracontane (C40)	21.689	2078667	21.514 ug/ml

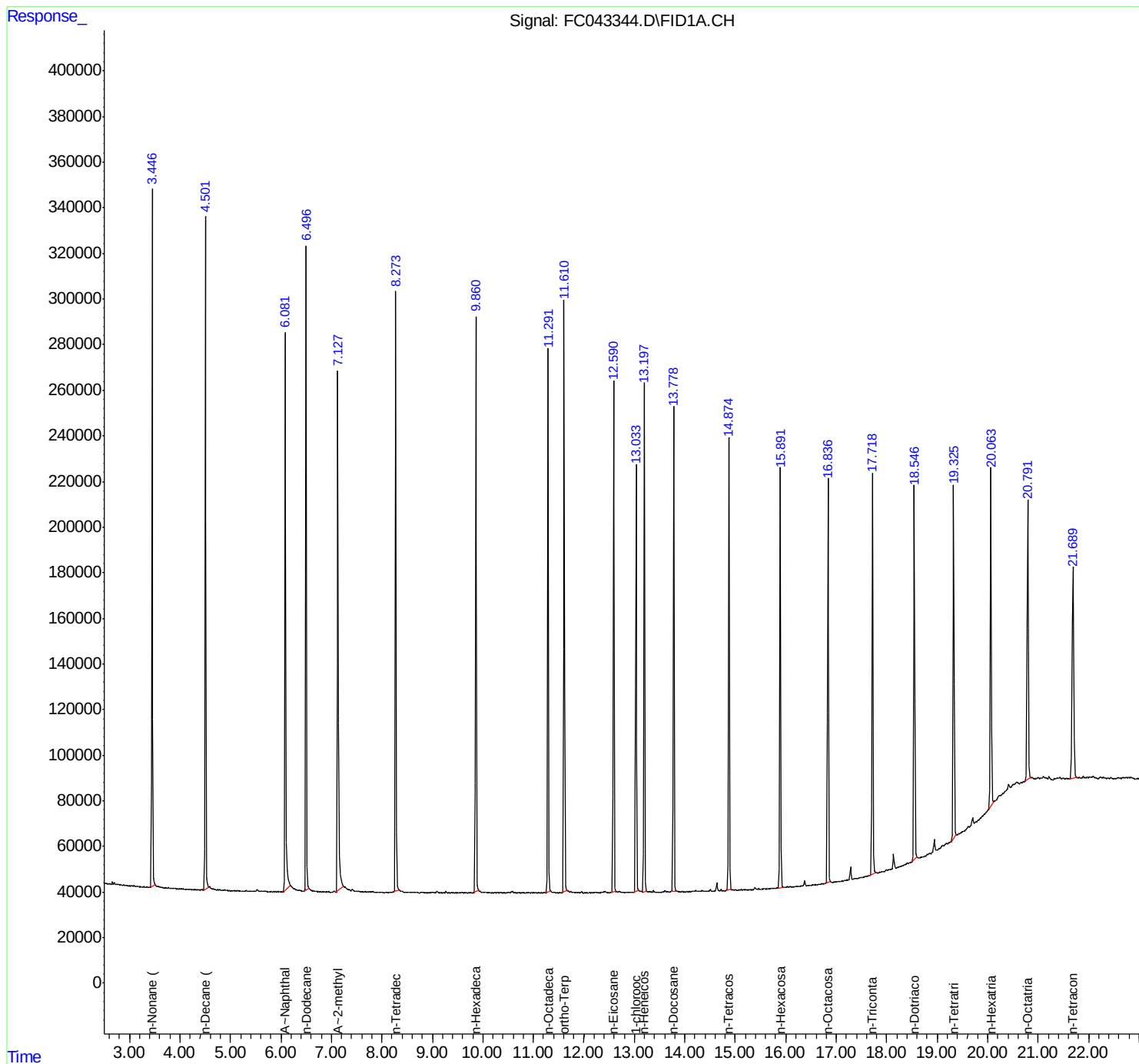
(f)=RT Delta > 1/2 Window

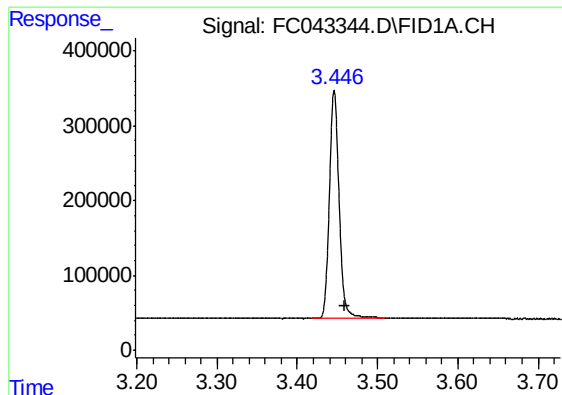
(m)=manual int.

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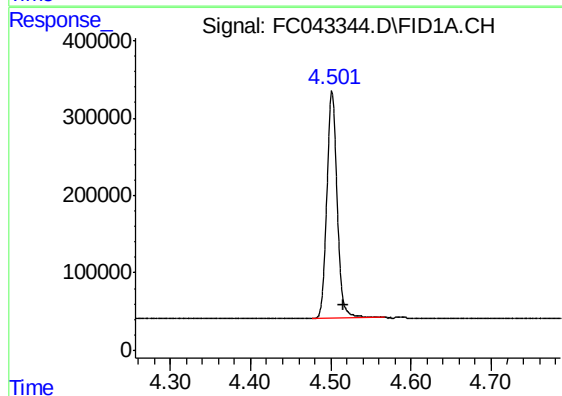
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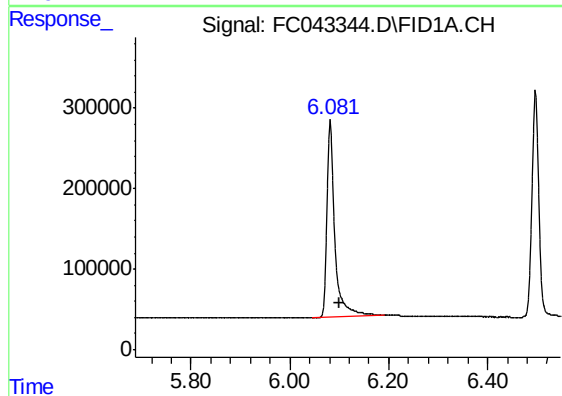
#1 n-Nonane (C9)

R.T.: 3.446 min
Delta R.T.: -0.013 min
Response: 2559327
Conc: 21.49 ug/ml



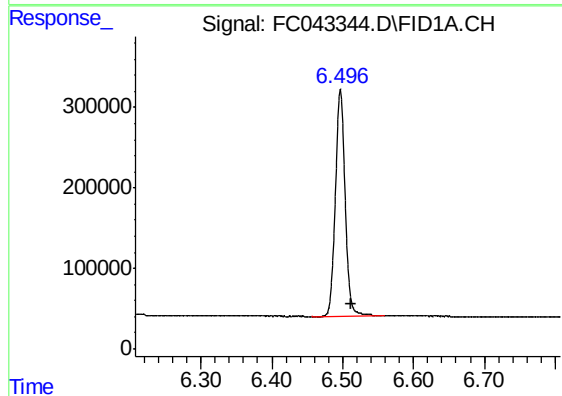
#2 n-Decane (C10)

R.T.: 4.502 min
Delta R.T.: -0.013 min
Response: 2622653
Conc: 22.06 ug/ml



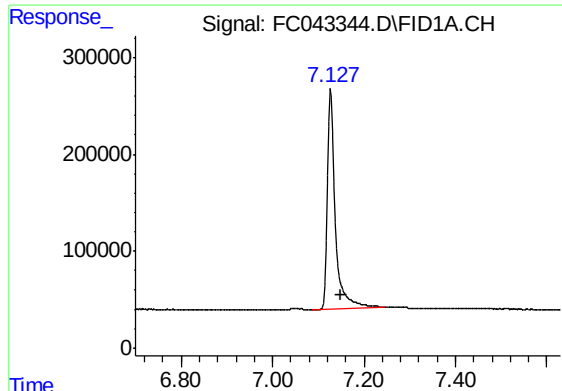
#3 A~Naphthalene (C11.7)

R.T.: 6.082 min
Delta R.T.: -0.020 min
Response: 2685083
Conc: 22.01 ug/ml



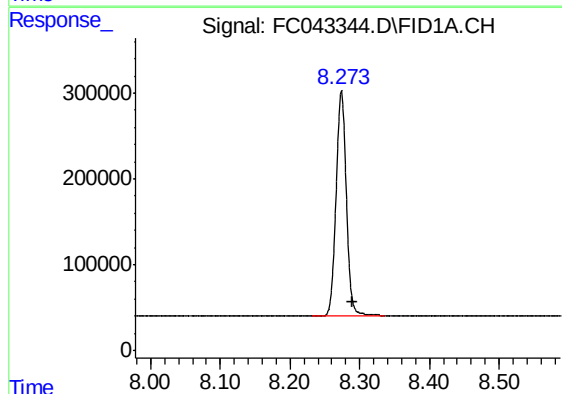
#4 n-Dodecane (C12)

R.T.: 6.497 min
Delta R.T.: -0.015 min
Response: 2680121
Conc: 21.91 ug/ml



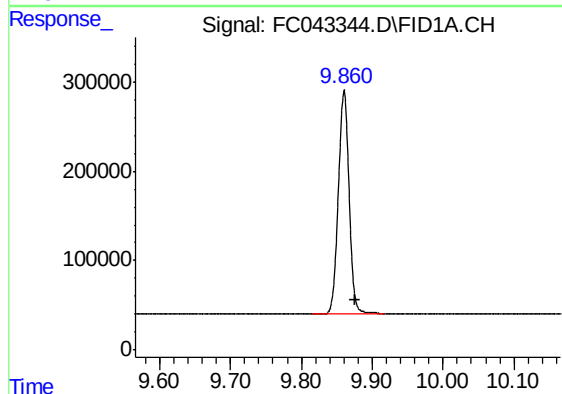
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.127 min
Delta R.T.: -0.021 min
Response: 2712982
Conc: 22.10 ug/ml



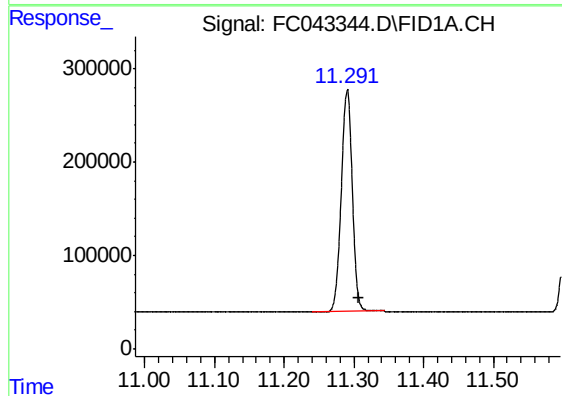
#6 n-Tetradecane (C14)

R.T.: 8.274 min
Delta R.T.: -0.016 min
Response: 2667584
Conc: 21.58 ug/ml



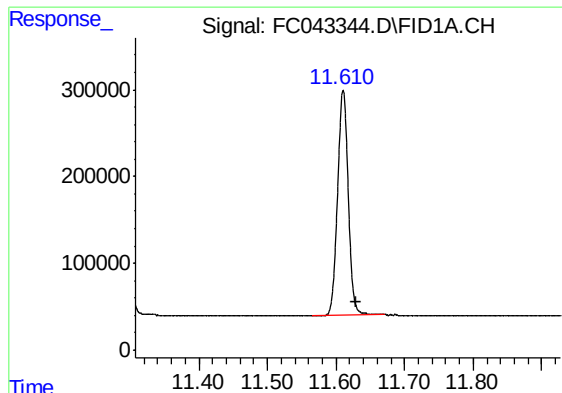
#7 n-Hexadecane (C16)

R.T.: 9.860 min
Delta R.T.: -0.016 min
Response: 2642661
Conc: 21.20 ug/ml



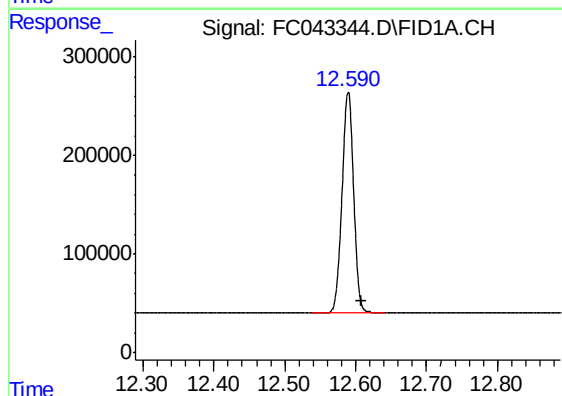
#8 n-Octadecane (C18)

R.T.: 11.291 min
Delta R.T.: -0.017 min
Response: 2610811
Conc: 20.53 ug/ml



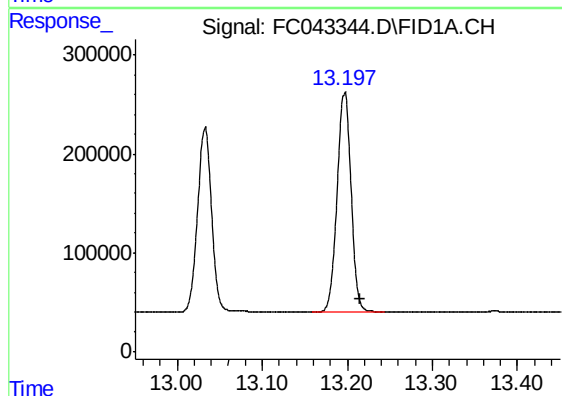
#9 ortho-Terphenyl (SURR)

R.T.: 11.611 min
Delta R.T.: -0.018 min
Response: 2807591
Conc: 19.61 ug/ml



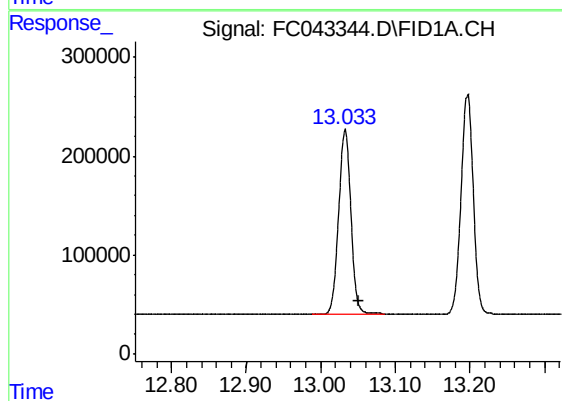
#10 n-Eicosane (C20)

R.T.: 12.590 min
Delta R.T.: -0.018 min
Response: 2550763
Conc: 19.87 ug/ml



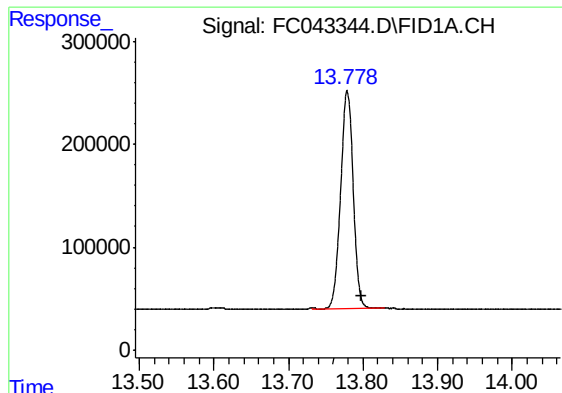
#11 n-Heneicosane (C21)

R.T.: 13.197 min
Delta R.T.: -0.018 min
Response: 2536386
Conc: 19.58 ug/ml



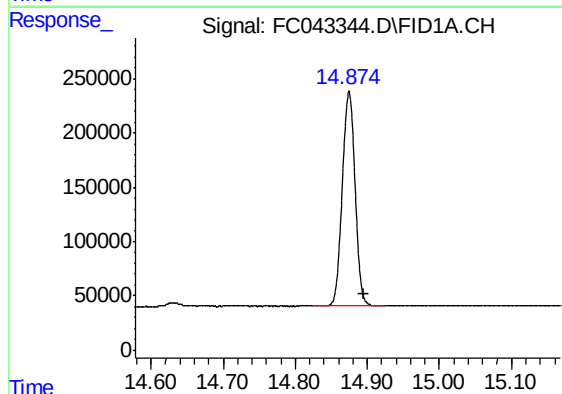
#12 1-chlorooctadecane (SURR)

R.T.: 13.033 min
Delta R.T.: -0.018 min
Response: 2119058
Conc: 19.40 ug/ml



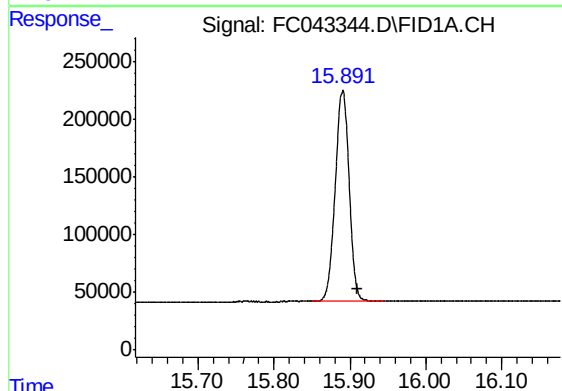
#13 n-Docosane (C22)

R.T.: 13.779 min
Delta R.T.: -0.019 min
Response: 2479243
Conc: 19.30 ug/ml



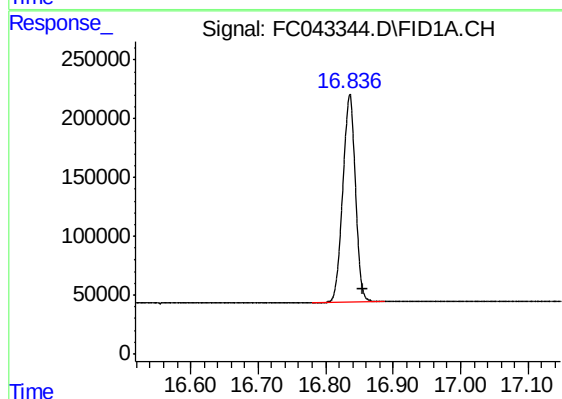
#14 n-Tetracosane (C24)

R.T.: 14.875 min
Delta R.T.: -0.020 min
Response: 2422643
Conc: 18.91 ug/ml



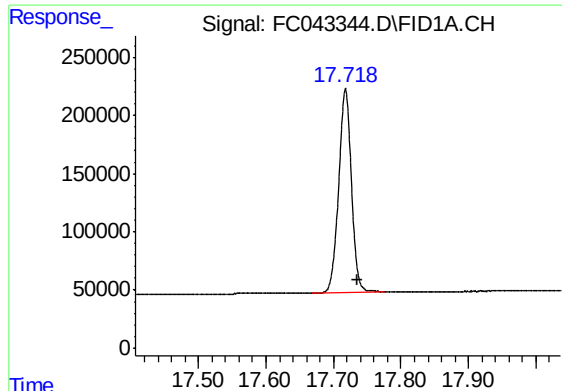
#15 n-Hexacosane (C26)

R.T.: 15.891 min
Delta R.T.: -0.019 min
Response: 2345343
Conc: 18.62 ug/ml



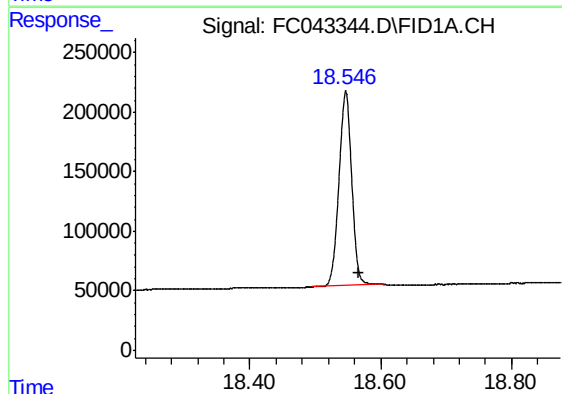
#16 n-Octacosane (C28)

R.T.: 16.836 min
Delta R.T.: -0.019 min
Response: 2290045
Conc: 18.65 ug/ml



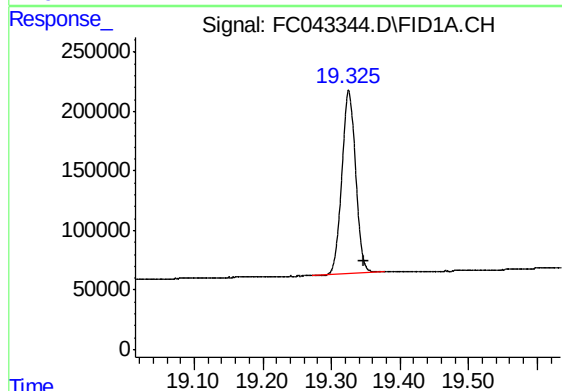
#17 n-Tricontane (C30)

R.T.: 17.718 min
Delta R.T.: -0.019 min
Response: 2283082
Conc: 18.93 ug/ml



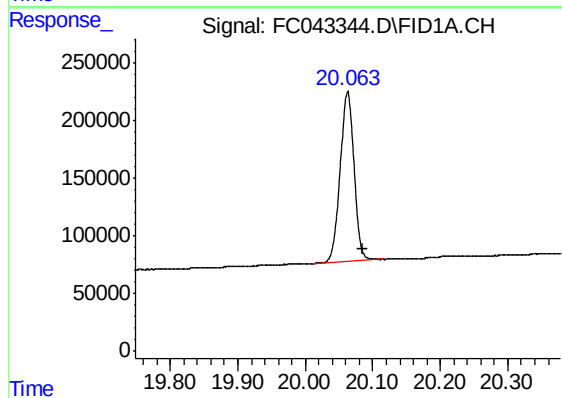
#18 n-Dotriacontane (C32)

R.T.: 18.547 min
Delta R.T.: -0.019 min
Response: 2218840
Conc: 19.45 ug/ml



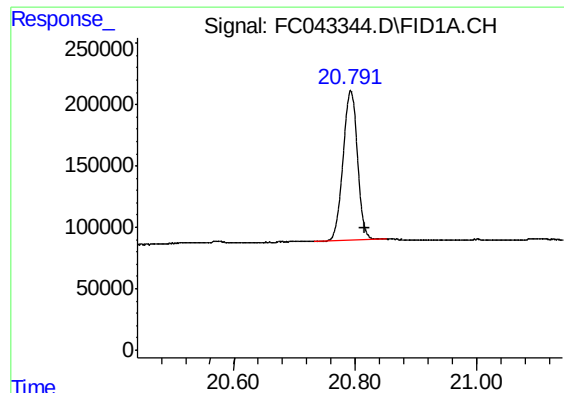
#19 n-Tetatriacontane (C34)

R.T.: 19.325 min
Delta R.T.: -0.021 min
Response: 2150317
Conc: 19.99 ug/ml



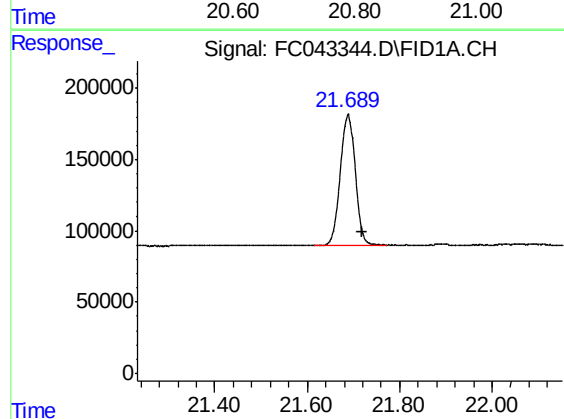
#20 n-Hexatriacontane (C36)

R.T.: 20.063 min
Delta R.T.: -0.021 min
Response: 2104452
Conc: 19.99 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.792 min
Delta R.T.: -0.022 min
Response: 2019968
Conc: 21.59 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.689 min
Delta R.T.: -0.031 min
Response: 2078667
Conc: 21.51 ug/ml