

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110819AL\
 Data File : FC044465.D
 Signal(s) : FID1A.CH
 Acq On : 09 Nov 2019 20:59
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Nov 11 00:26:17 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 102219.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 22 12:36:58 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)	11.716	2566645	17.609 ug/ml
Spiked Amount 50.000		Recovery =	35.22%
12) S 1-chlorooctadecane (S...	13.146	1931462	17.274 ug/ml
Spiked Amount 50.000		Recovery =	34.55%
Target Compounds			
1) T n-Nonane (C9)	3.449	2508148	22.769 ug/ml
2) T n-Decane (C10)	4.525	2547184	22.933 ug/ml
3) T A~Naphthalene (C11.7)	6.126	2789688	22.421 ug/ml
4) T n-Dodecane (C12)	6.551	2550590	22.679 ug/ml
5) T A~2-methylnaphthalene...	7.184	2790272	22.127 ug/ml
6) T n-Tetradecane (C14)	8.346	2522057	22.292 ug/ml
7) T n-Hexadecane (C16)	9.947	2476746	21.676 ug/ml
8) T n-Octadecane (C18)	11.389	2418565	21.124 ug/ml
10) T n-Eicosane (C20)	12.699	2341930	20.535 ug/ml
11) T n-Heneicosane (C21)	13.312	2293885	19.999 ug/ml
13) T n-Docosane (C22)	13.898	2293449	20.196 ug/ml
14) T n-Tetracosane (C24)	15.001	2298950	20.330 ug/ml
15) T n-Hexacosane (C26)	16.024	2320151	20.970 ug/ml
16) T n-Octacosane (C28)	16.975	2364070	21.823 ug/ml
17) T n-Tricontane (C30)	17.864	2385670	22.542 ug/ml
18) T n-Dotriacontane (C32)	18.695	2316498	23.001 ug/ml
19) T n-Tetratriacontane (C34)	19.480	2163964	23.078 ug/ml
20) T n-Hexatriacontane (C36)	20.221	2062382	23.757 ug/ml
21) T n-Octatriacontane (C38)	20.990	1945408	24.125 ug/ml
22) T n-Tetracontane (C40)	21.954	1976823	23.387 ug/ml

(f)=RT Delta > 1/2 Window

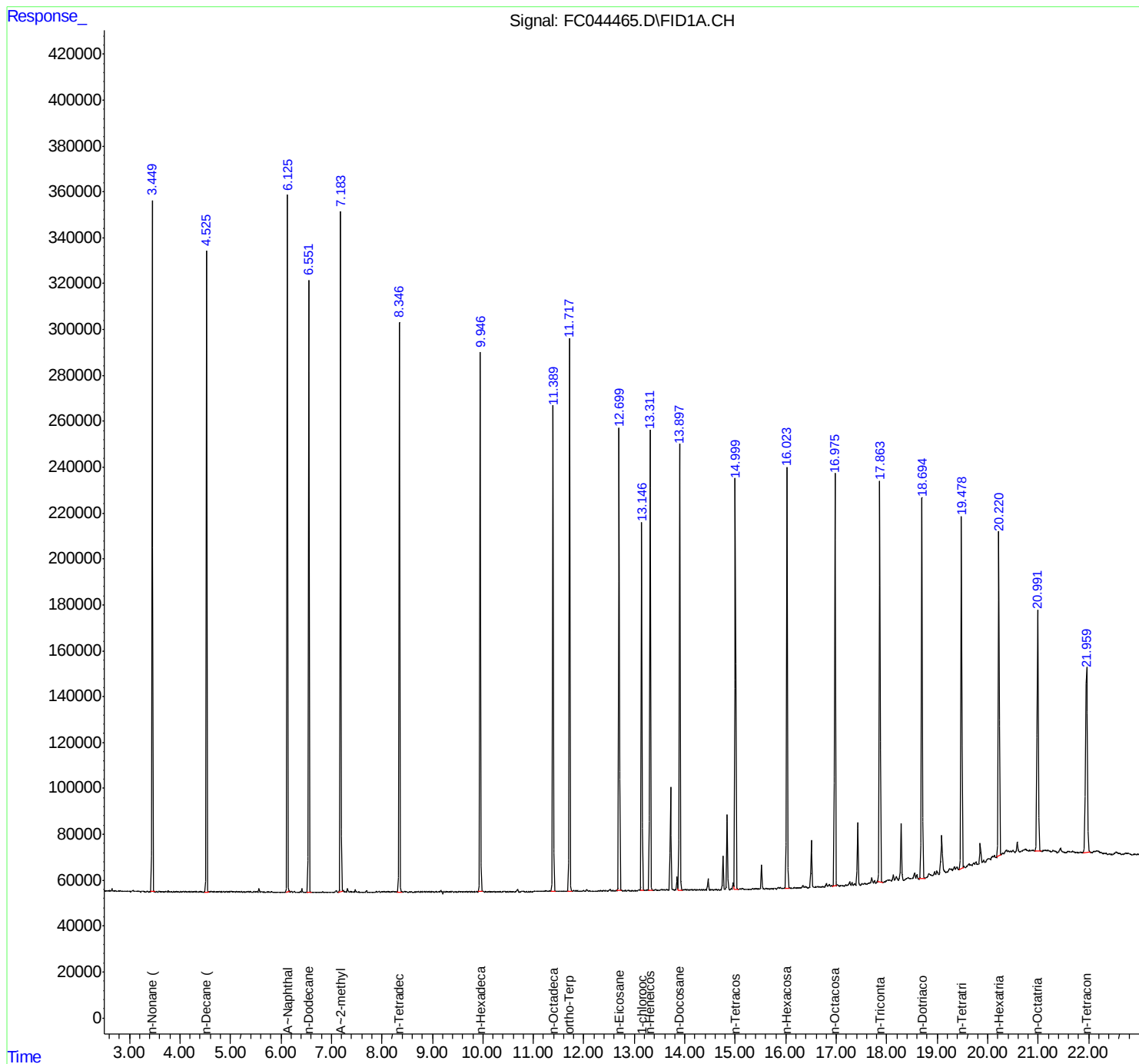
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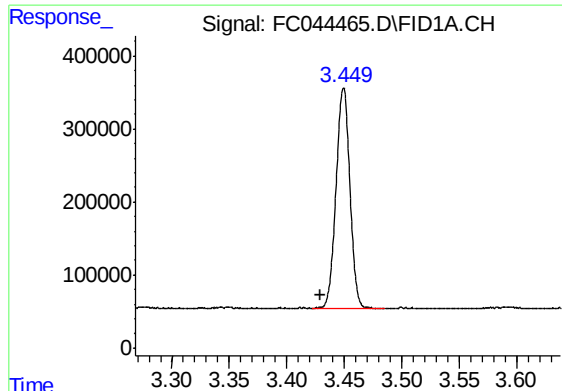
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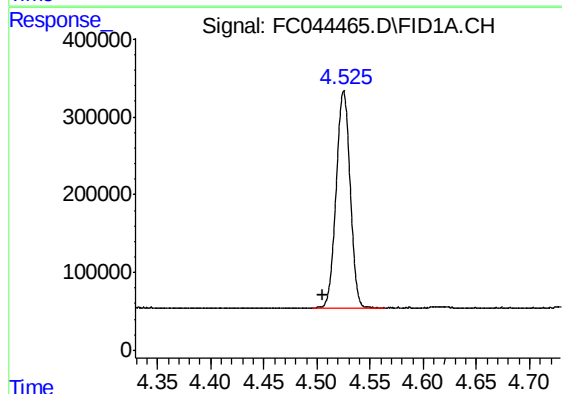




#1 n-Nonane (C9)

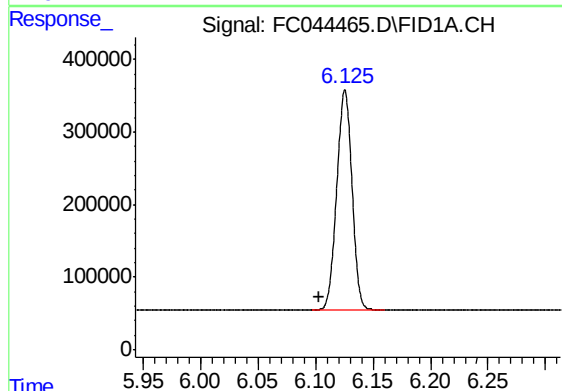
R.T.: 3.449 min
Delta R.T.: 0.020 min
Response: 2508148
Conc: 22.77 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



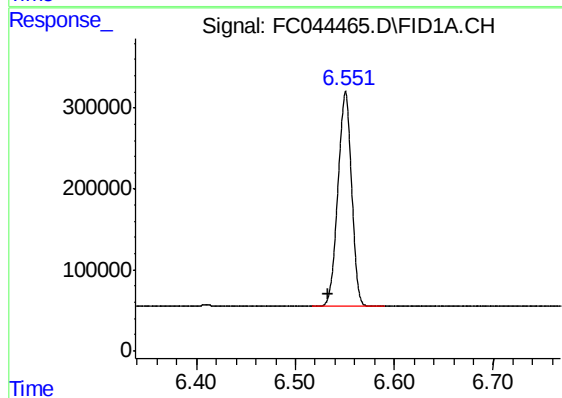
#2 n-Decane (C10)

R.T.: 4.525 min
Delta R.T.: 0.020 min
Response: 2547184
Conc: 22.93 ug/ml



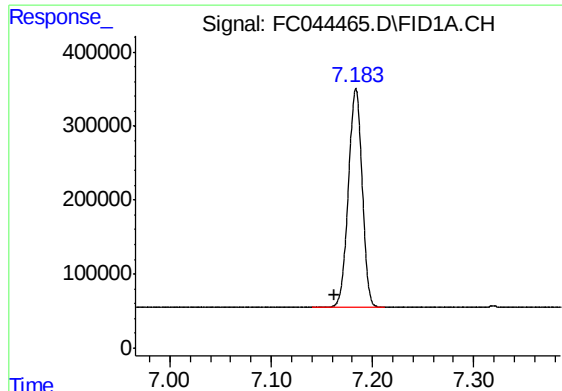
#3 A-Naphthalene (C11.7)

R.T.: 6.126 min
Delta R.T.: 0.023 min
Response: 2789688
Conc: 22.42 ug/ml



#4 n-Dodecane (C12)

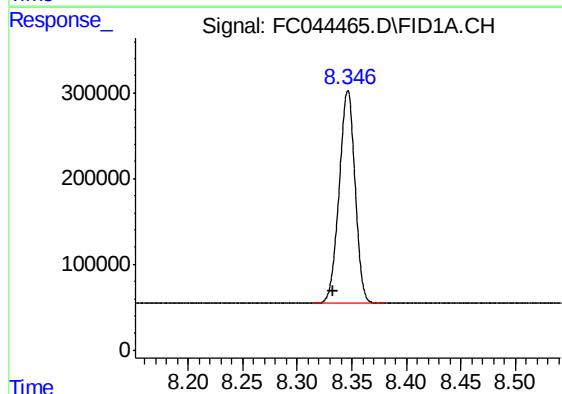
R.T.: 6.551 min
Delta R.T.: 0.017 min
Response: 2550590
Conc: 22.68 ug/ml



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

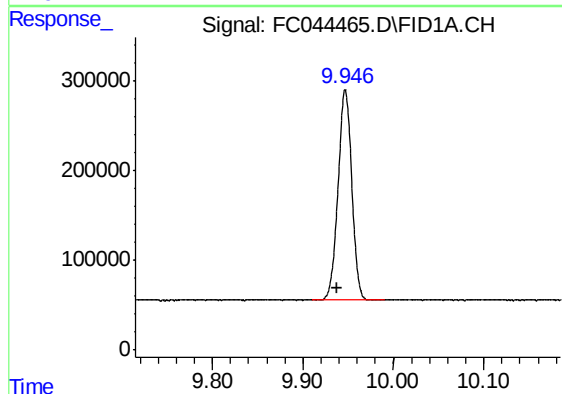
R.T.: 7.184 min
Delta R.T.: 0.021 min
Response: 2790272
Conc: 22.13 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



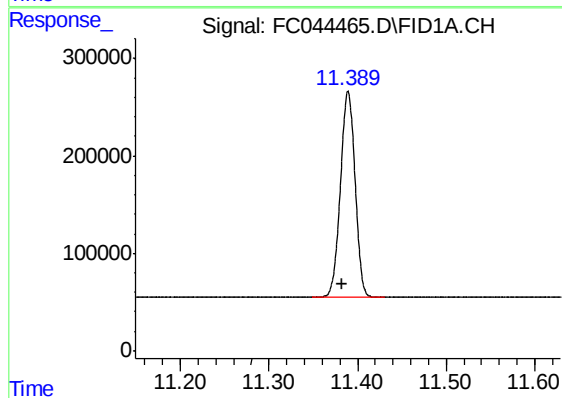
#6 n-Tetradecane (C14)

R.T.: 8.346 min
Delta R.T.: 0.014 min
Response: 2522057
Conc: 22.29 ug/ml



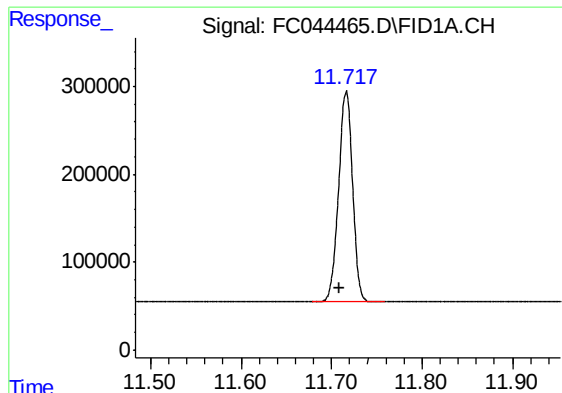
#7 n-Hexadecane (C16)

R.T.: 9.947 min
Delta R.T.: 0.009 min
Response: 2476746
Conc: 21.68 ug/ml



#8 n-Octadecane (C18)

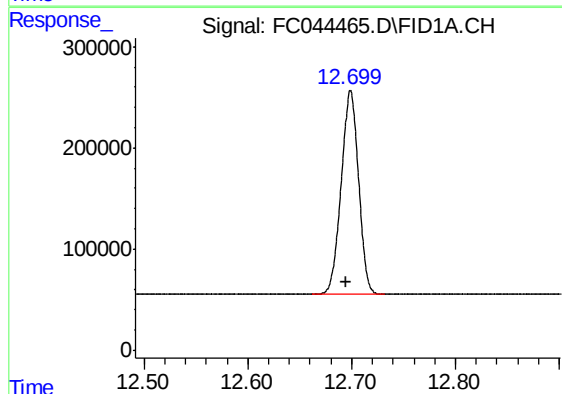
R.T.: 11.389 min
Delta R.T.: 0.007 min
Response: 2418565
Conc: 21.12 ug/ml



#9 ortho-Terphenyl (SURR)

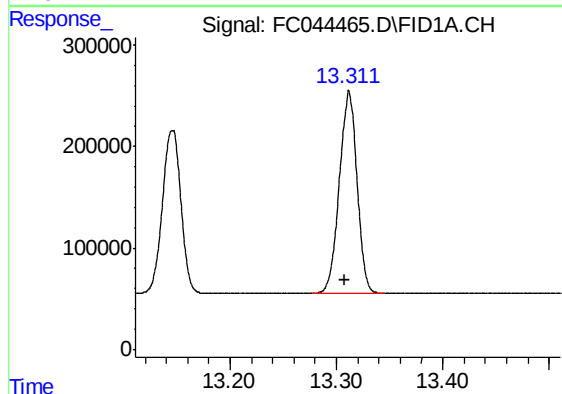
R.T.: 11.716 min
Delta R.T.: 0.008 min
Response: 2566645
Conc: 17.61 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



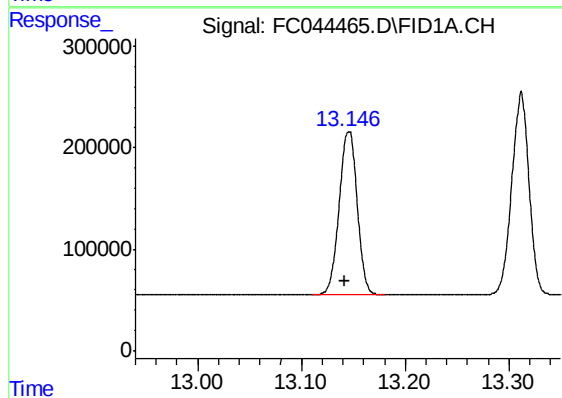
#10 n-Eicosane (C20)

R.T.: 12.699 min
Delta R.T.: 0.005 min
Response: 2341930
Conc: 20.53 ug/ml



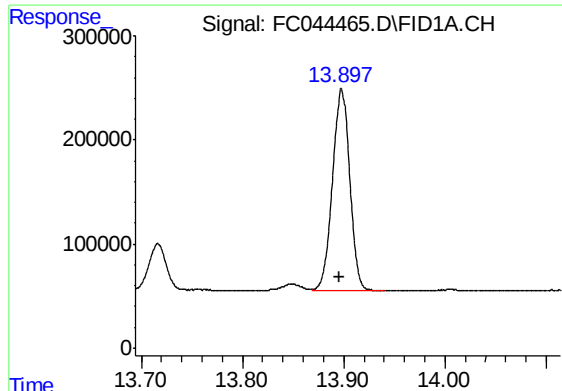
#11 n-Heneicosane (C21)

R.T.: 13.312 min
Delta R.T.: 0.004 min
Response: 2293885
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

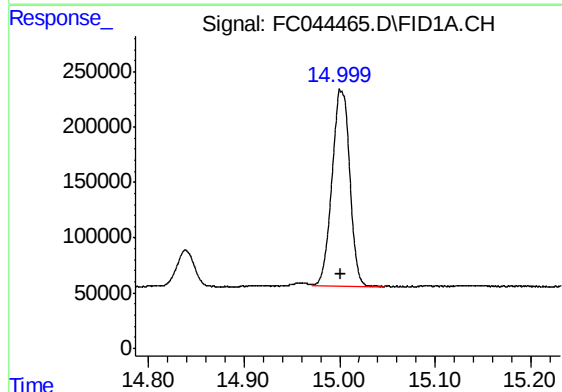
R.T.: 13.146 min
Delta R.T.: 0.004 min
Response: 1931462
Conc: 17.27 ug/ml



#13 n-Docosane (C22)

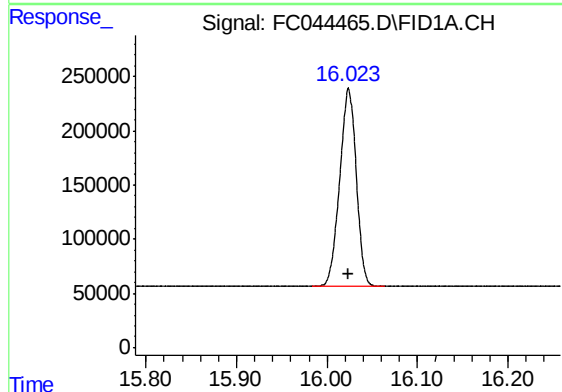
R.T.: 13.898 min
Delta R.T.: 0.003 min
Response: 2293449
Conc: 20.20 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



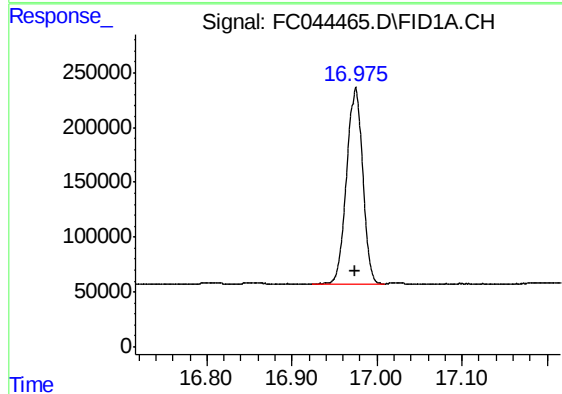
#14 n-Tetracosane (C24)

R.T.: 15.001 min
Delta R.T.: 0.000 min
Response: 2298950
Conc: 20.33 ug/ml



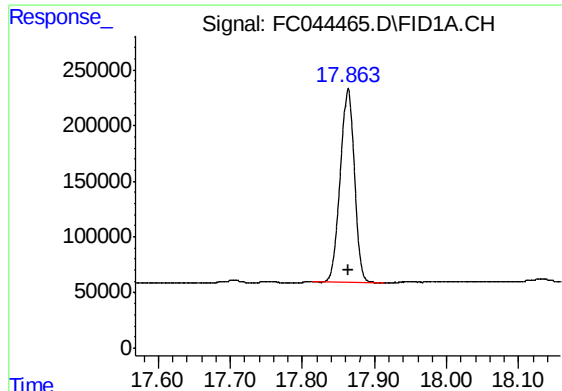
#15 n-Hexacosane (C26)

R.T.: 16.024 min
Delta R.T.: 0.000 min
Response: 2320151
Conc: 20.97 ug/ml



#16 n-Octacosane (C28)

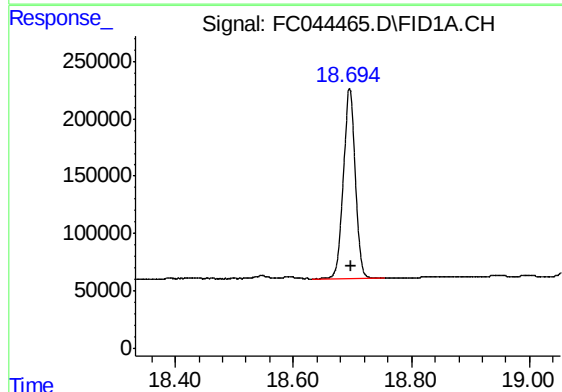
R.T.: 16.975 min
Delta R.T.: 0.000 min
Response: 2364070
Conc: 21.82 ug/ml



#17 n-Tricontane (C30)

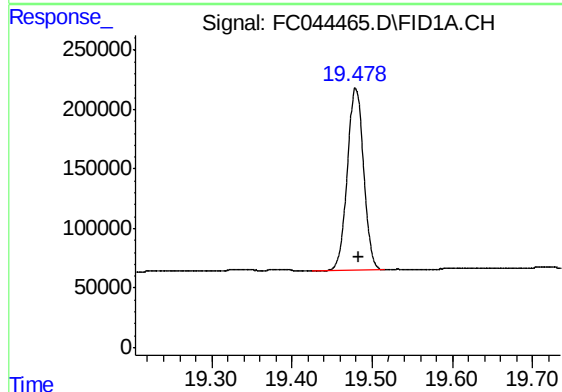
R.T.: 17.864 min
Delta R.T.: 0.000 min
Response: 2385670
Conc: 22.54 ug/ml

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20 PPM ALIPHATIC HC STD



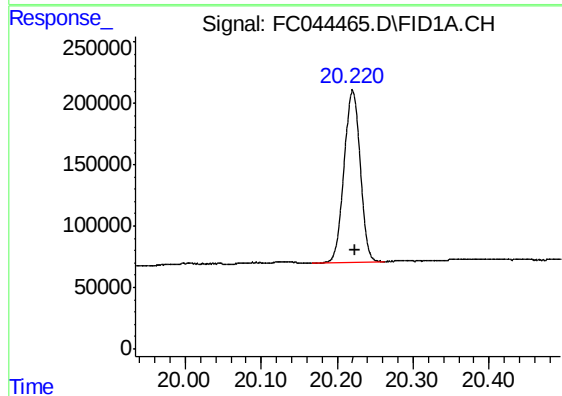
#18 n-Dotriacontane (C32)

R.T.: 18.695 min
Delta R.T.: -0.003 min
Response: 2316498
Conc: 23.00 ug/ml



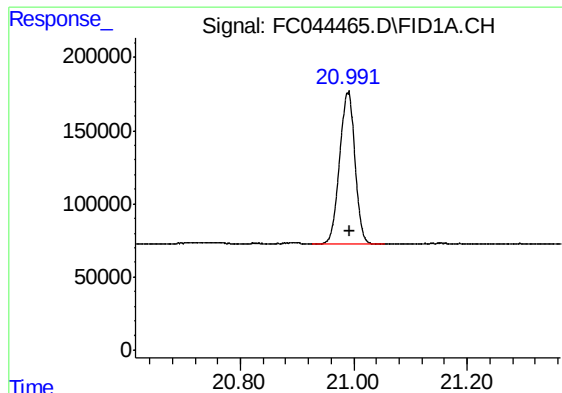
#19 n-Tetatriacontane (C34)

R.T.: 19.480 min
Delta R.T.: -0.004 min
Response: 2163964
Conc: 23.08 ug/ml



#20 n-Hexatriacontane (C36)

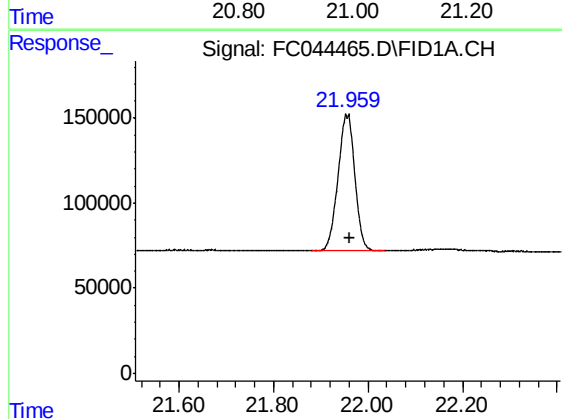
R.T.: 20.221 min
Delta R.T.: -0.003 min
Response: 2062382
Conc: 23.76 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.990 min
Delta R.T.: -0.004 min
Response: 1945408
Conc: 24.12 ug/ml

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FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.954 min
Delta R.T.: -0.008 min
Response: 1976823
Conc: 23.39 ug/ml