

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042320AL\
 Data File : FC047047.D
 Signal(s) : FID1A.CH
 Acq On : 23 Apr 2020 17:49
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 24 00:45:37 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 042320.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 23 16:30:34 2020
 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)	11.752	2341999	21.047 ug/ml
Spiked Amount 50.000		Recovery =	42.09%
12) S 1-chlorooctadecane (S...	13.166	1878236	21.032 ug/ml
Spiked Amount 50.000		Recovery =	42.06%
Target Compounds			
1) T n-Nonane (C9)	3.549	2058083	21.317 ug/ml
2) T n-Decane (C10)	4.614	2073894	21.500 ug/ml
3) T A~Naphthalene (C11.7)	6.214	2161038	21.452 ug/ml
4) T n-Dodecane (C12)	6.618	2103742	21.397 ug/ml
5) T A~2-methylnaphthalene...	7.262	2165090	21.706 ug/ml
6) T n-Tetradecane (C14)	8.398	2112456	21.390 ug/ml
7) T n-Hexadecane (C16)	9.986	2143268	21.258 ug/ml
8) T n-Octadecane (C18)	11.419	2184496	21.160 ug/ml
10) T n-Eicosane (C20)	12.721	2206759	21.031 ug/ml
11) T n-Heneicosane (C21)	13.328	2231670	20.980 ug/ml
13) T n-Docosane (C22)	13.911	2228295	20.941 ug/ml
14) T n-Tetracosane (C24)	15.008	2251145	20.932 ug/ml
15) T n-Hexacosane (C26)	16.022	2245460	20.812 ug/ml
16) T n-Octacosane (C28)	16.967	2214048	20.714 ug/ml
17) T n-Tricontane (C30)	17.850	2063634	20.622 ug/ml
18) T n-Dotriacontane (C32)	18.678	1564246	20.528 ug/ml
19) T n-Tetratriacontane (C34)	19.456	1159427	20.633 ug/ml
20) T n-Hexatriacontane (C36)	20.190	1002551	20.034 ug/ml
21) T n-Octatriacontane (C38)	20.950	924556	20.389 ug/ml
22) T n-Tetracontane (C40)	21.904	935183	19.936 ug/ml

(f)=RT Delta > 1/2 Window

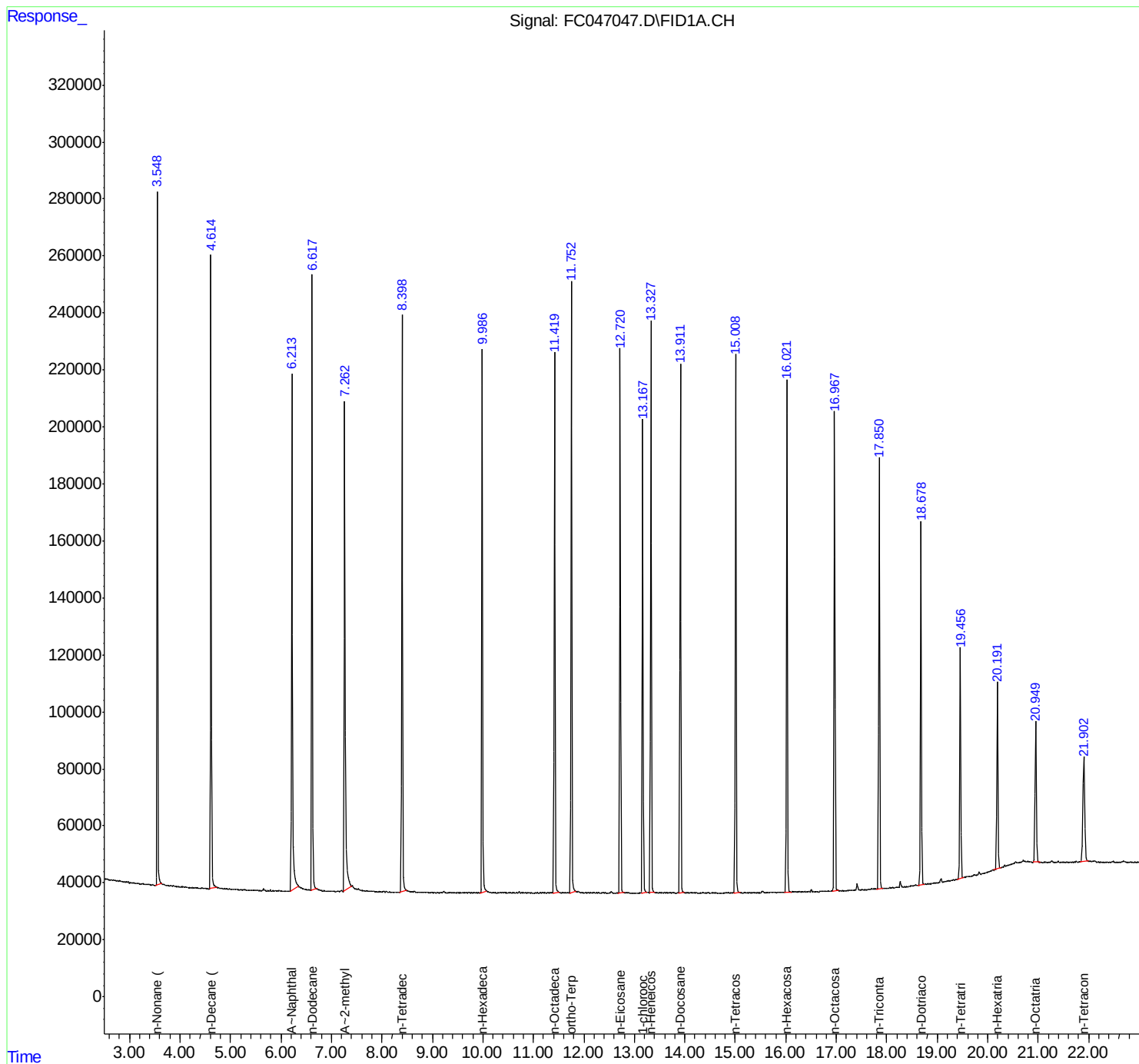
(m)=manual int.

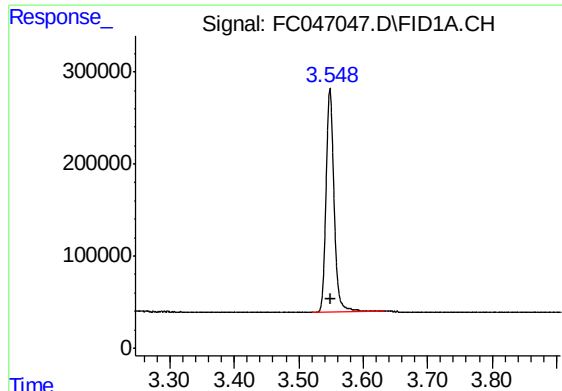
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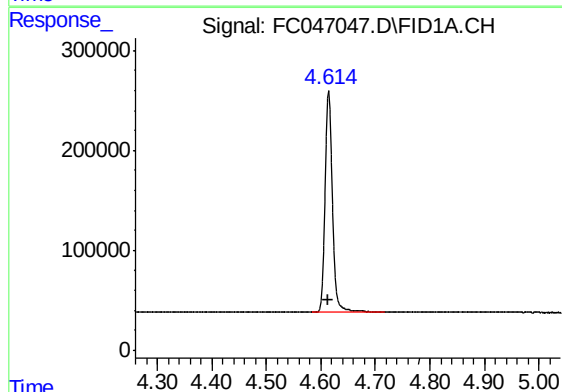




#1 n-Nonane (C9)

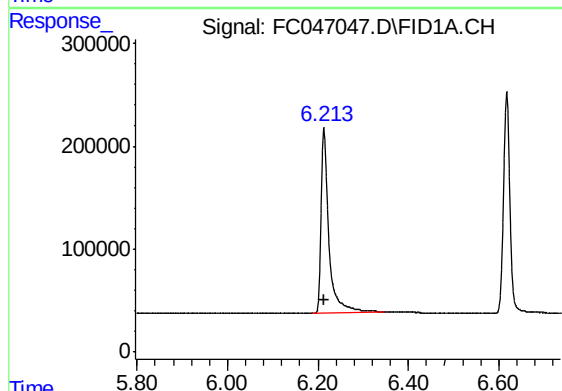
R.T.: 3.549 min
Delta R.T.: 0.000 min
Response: 2058083
Conc: 21.32 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



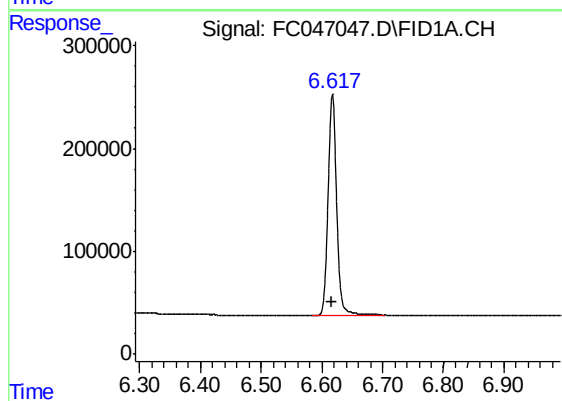
#2 n-Decane (C10)

R.T.: 4.614 min
Delta R.T.: 0.000 min
Response: 2073894
Conc: 21.50 ug/ml



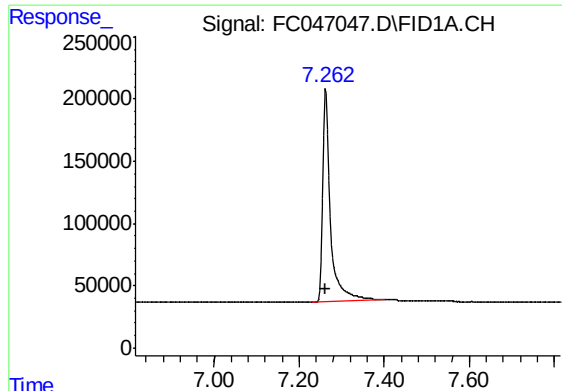
#3 A~Naphthalene (C11.7)

R.T.: 6.214 min
Delta R.T.: 0.000 min
Response: 2161038
Conc: 21.45 ug/ml



#4 n-Dodecane (C12)

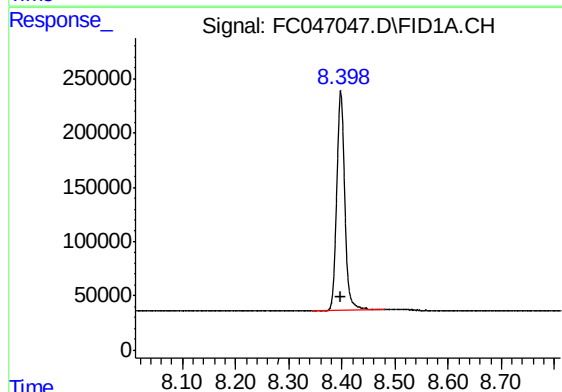
R.T.: 6.618 min
Delta R.T.: 0.000 min
Response: 2103742
Conc: 21.40 ug/ml



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

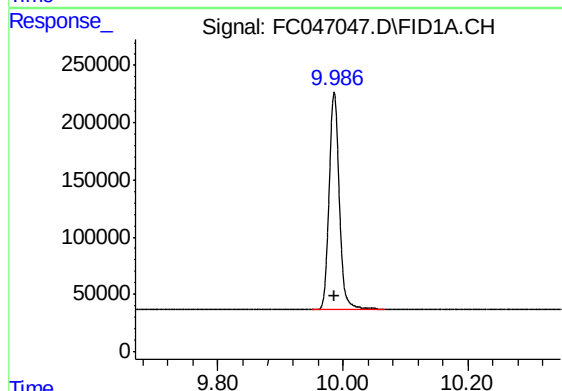
R.T.: 7.262 min
Delta R.T.: 0.000 min
Response: 2165090
Conc: 21.71 ug/ml

Instrument :
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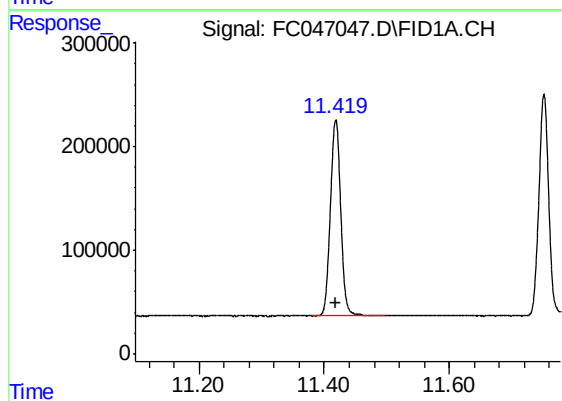
#6 n-Tetradecane (C14)

R.T.: 8.398 min
Delta R.T.: 0.000 min
Response: 2112456
Conc: 21.39 ug/ml



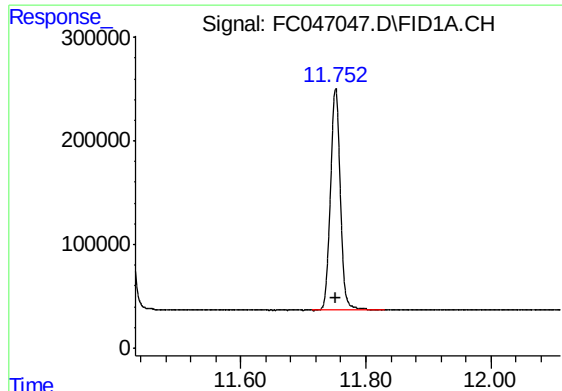
#7 n-Hexadecane (C16)

R.T.: 9.986 min
Delta R.T.: 0.000 min
Response: 2143268
Conc: 21.26 ug/ml



#8 n-Octadecane (C18)

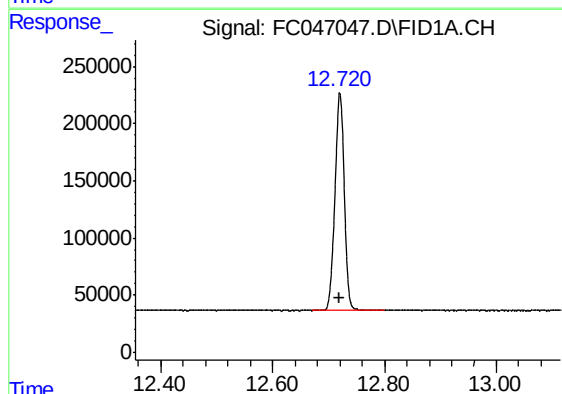
R.T.: 11.419 min
Delta R.T.: 0.000 min
Response: 2184496
Conc: 21.16 ug/ml



#9 ortho-Terphenyl (SURR)

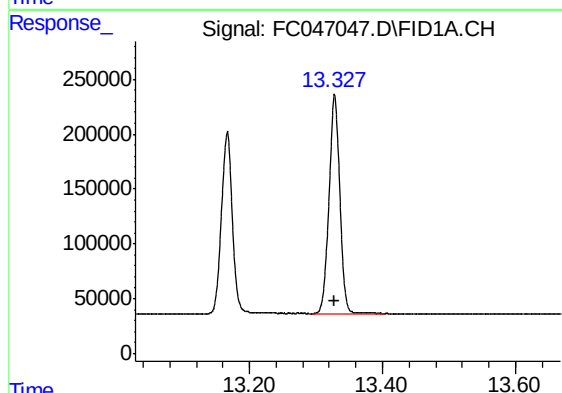
R.T.: 11.752 min
Delta R.T.: 0.000 min
Response: 2341999
Conc: 21.05 ug/ml

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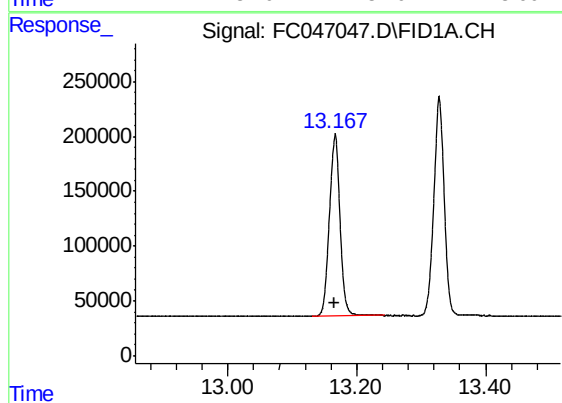
#10 n-Eicosane (C20)

R.T.: 12.721 min
Delta R.T.: 0.000 min
Response: 2206759
Conc: 21.03 ug/ml



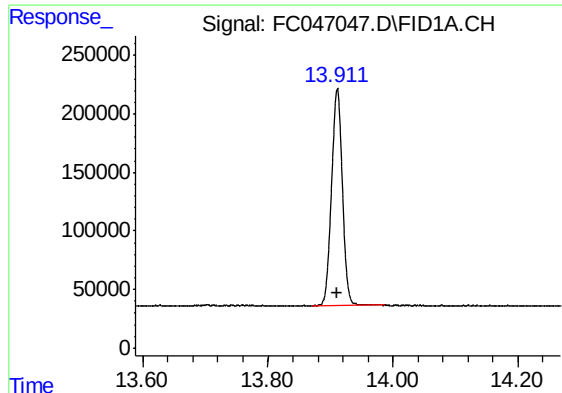
#11 n-Heneicosane (C21)

R.T.: 13.328 min
Delta R.T.: 0.000 min
Response: 2231670
Conc: 20.98 ug/ml



#12 1-chlorooctadecane (SURR)

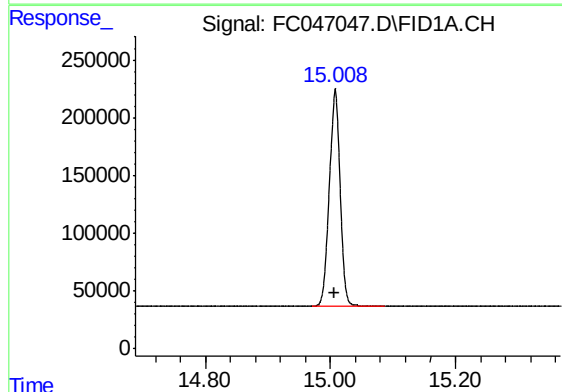
R.T.: 13.166 min
Delta R.T.: 0.000 min
Response: 1878236
Conc: 21.03 ug/ml



#13 n-Docosane (C22)

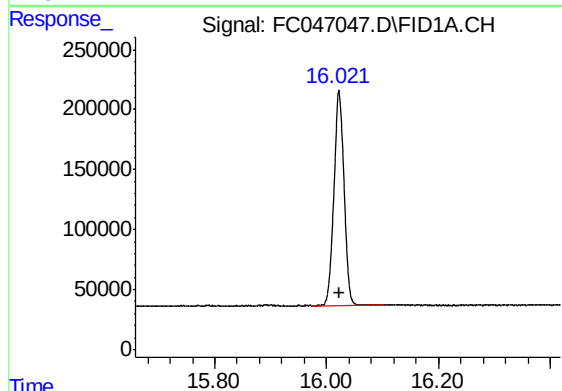
R.T.: 13.911 min
Delta R.T.: 0.000 min
Response: 2228295
Conc: 20.94 ug/ml

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20 PPM ALIPHATIC HC STD



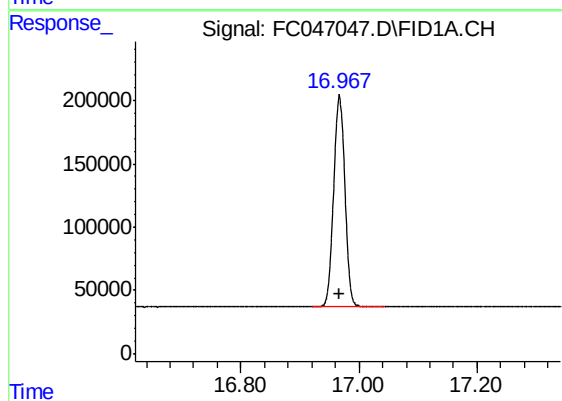
#14 n-Tetracosane (C24)

R.T.: 15.008 min
Delta R.T.: 0.000 min
Response: 2251145
Conc: 20.93 ug/ml



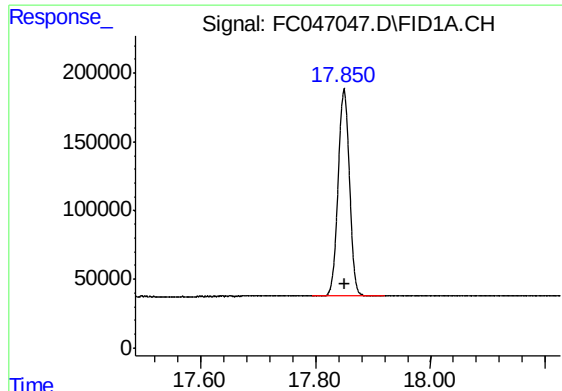
#15 n-Hexacosane (C26)

R.T.: 16.022 min
Delta R.T.: 0.000 min
Response: 2245460
Conc: 20.81 ug/ml



#16 n-Octacosane (C28)

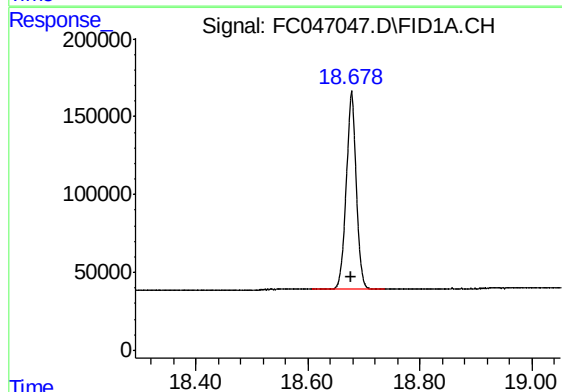
R.T.: 16.967 min
Delta R.T.: 0.000 min
Response: 2214048
Conc: 20.71 ug/ml



#17 n-Tricontane (C30)

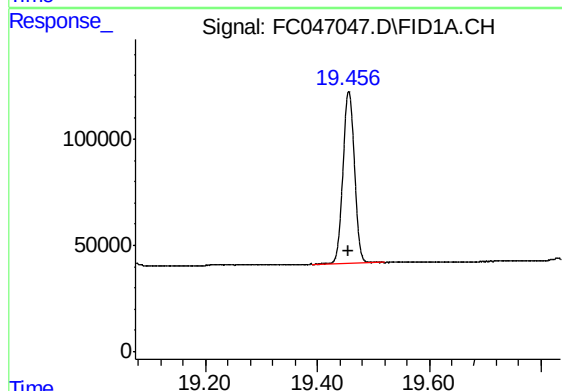
R.T.: 17.850 min
Delta R.T.: 0.000 min
Response: 2063634
Conc: 20.62 ug/ml

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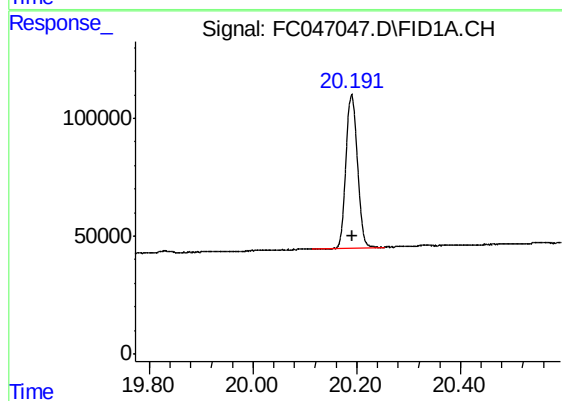
#18 n-Dotriacontane (C32)

R.T.: 18.678 min
Delta R.T.: 0.001 min
Response: 1564246
Conc: 20.53 ug/ml



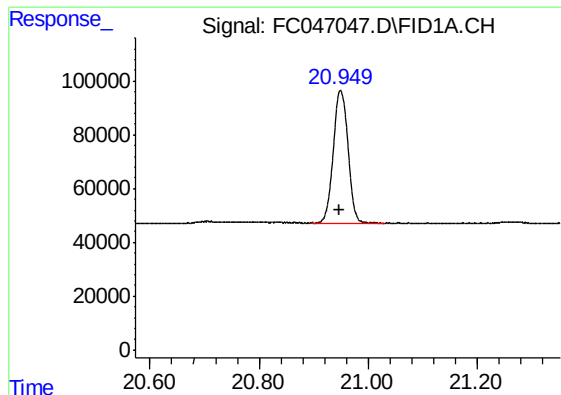
#19 n-Tetatriacontane (C34)

R.T.: 19.456 min
Delta R.T.: 0.000 min
Response: 1159427
Conc: 20.63 ug/ml



#20 n-Hexatriacontane (C36)

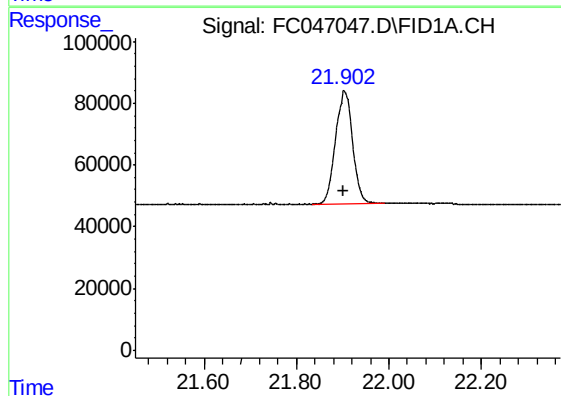
R.T.: 20.190 min
Delta R.T.: -0.001 min
Response: 1002551
Conc: 20.03 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.950 min
Delta R.T.: 0.000 min
Response: 924556
Conc: 20.39 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.904 min
Delta R.T.: 0.003 min
Response: 935183
Conc: 19.94 ug/ml