

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051220AL\
 Data File : FC047391.D
 Signal(s) : FID1A.CH
 Acq On : 13 May 2020 2:43
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 13 03:36:15 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 050820.M
 Quant Title : GC Extractables
 QLast Update : Fri May 08 16:49:27 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)	11.741	2325437	19.453 ug/ml
Spiked Amount 50.000		Recovery =	38.91%
12) S 1-chlorooctadecane (S...	13.154	1884384	19.212 ug/ml
Spiked Amount 50.000		Recovery =	38.42%
Target Compounds			
1) T n-Nonane (C9)	3.549	2075482	20.473 ug/ml
2) T n-Decane (C10)	4.612	2101131	20.561 ug/ml
3) T A~Naphthalene (C11.7)	6.211	2140447	20.556 ug/ml
4) T n-Dodecane (C12)	6.613	2162225	20.471 ug/ml
5) T A~2-methylnaphthalene...	7.258	2176931	20.730 ug/ml
6) T n-Tetradecane (C14)	8.391	2168202	20.498 ug/ml
7) T n-Hexadecane (C16)	9.978	2129816	20.129 ug/ml
8) T n-Octadecane (C18)	11.409	2214167	19.773 ug/ml
10) T n-Eicosane (C20)	12.708	2208954	19.413 ug/ml
11) T n-Heneicosane (C21)	13.316	2188460	19.249 ug/ml
13) T n-Docosane (C22)	13.898	2172924	19.122 ug/ml
14) T n-Tetracosane (C24)	14.994	2125128	18.782 ug/ml
15) T n-Hexacosane (C26)	16.008	2054839	18.346 ug/ml
16) T n-Octacosane (C28)	16.952	1997847	17.912 ug/ml
17) T n-Tricontane (C30)	17.834	1907122	17.639 ug/ml
18) T n-Dotriacontane (C32)	18.660	1732314	17.567 ug/ml
19) T n-Tetratriacontane (C34)	19.439	1617242	17.632 ug/ml
20) T n-Hexatriacontane (C36)	20.175	1536215	17.714 ug/ml
21) T n-Octatriacontane (C38)	20.928	1480673	18.351 ug/ml
22) T n-Tetracontane (C40)	21.873	1532296	18.842 ug/ml

(f)=RT Delta > 1/2 Window

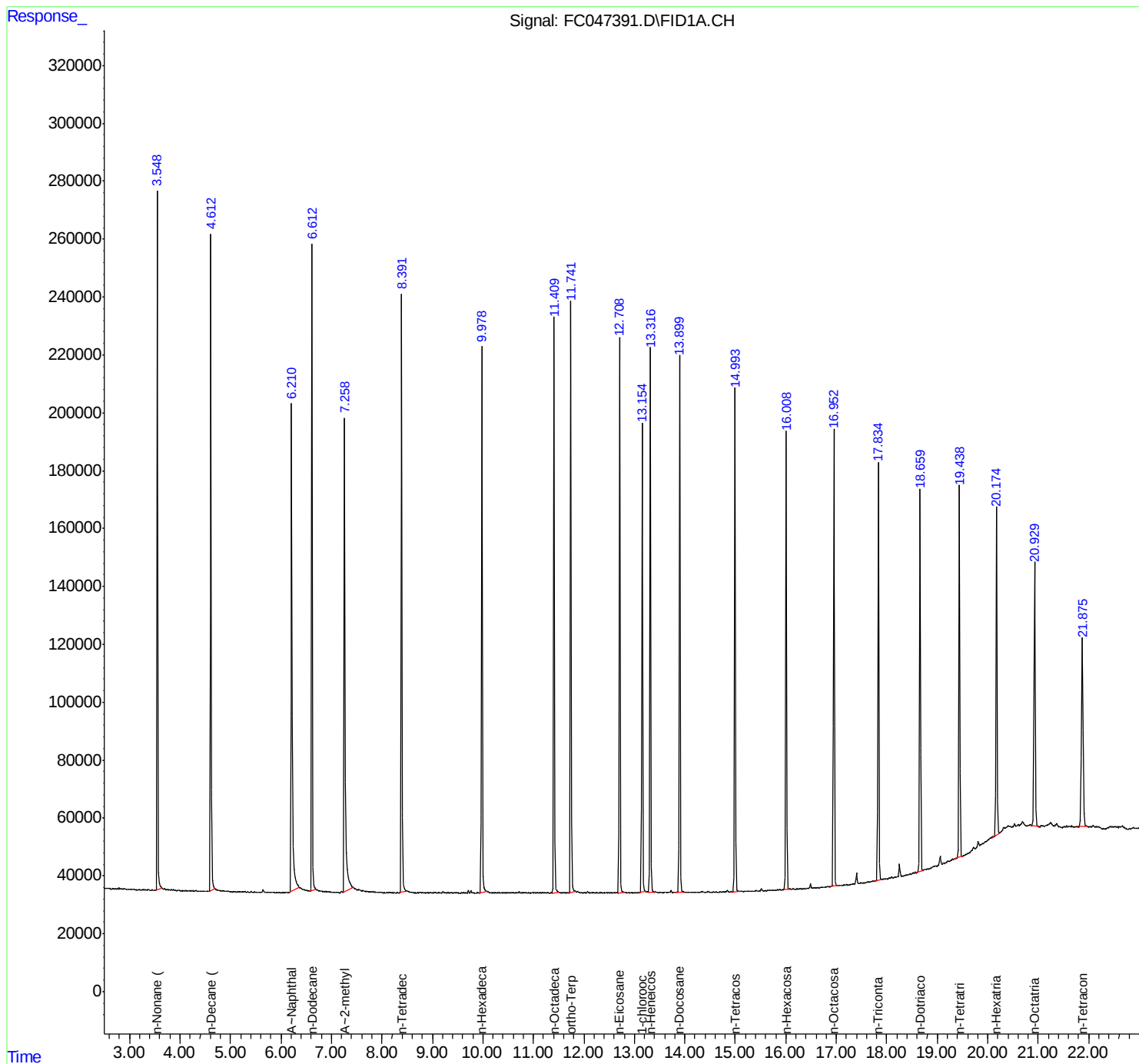
(m)=manual int.

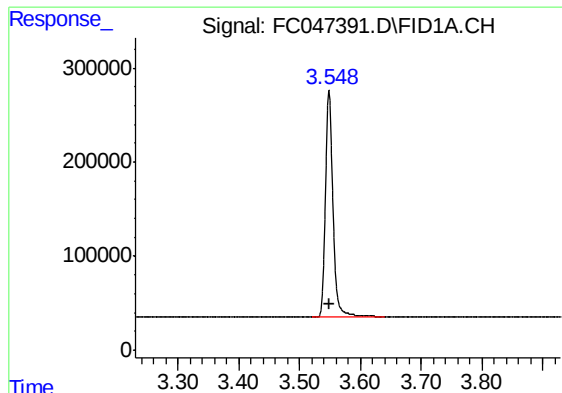
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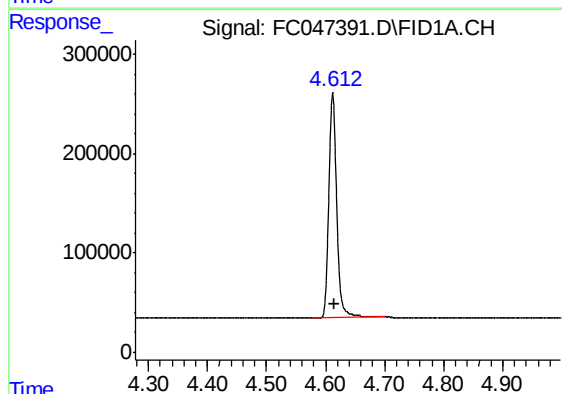




#1 n-Nonane (C9)

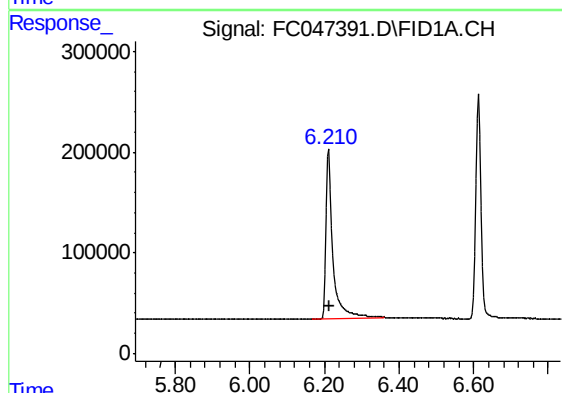
R.T.: 3.549 min
Delta R.T.: -0.001 min
Response: 2075482
Conc: 20.47 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



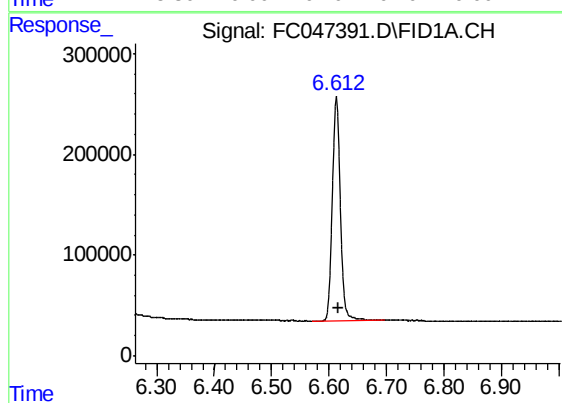
#2 n-Decane (C10)

R.T.: 4.612 min
Delta R.T.: -0.003 min
Response: 2101131
Conc: 20.56 ug/ml



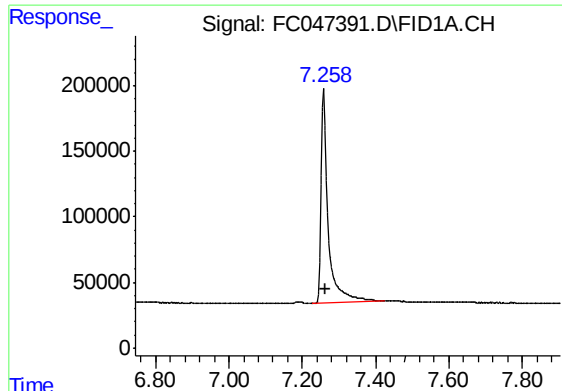
#3 A-Naphthalene (C11.7)

R.T.: 6.211 min
Delta R.T.: -0.004 min
Response: 2140447
Conc: 20.56 ug/ml



#4 n-Dodecane (C12)

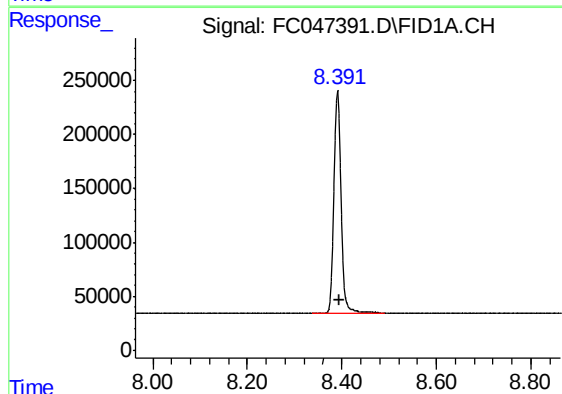
R.T.: 6.613 min
Delta R.T.: -0.004 min
Response: 2162225
Conc: 20.47 ug/ml



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

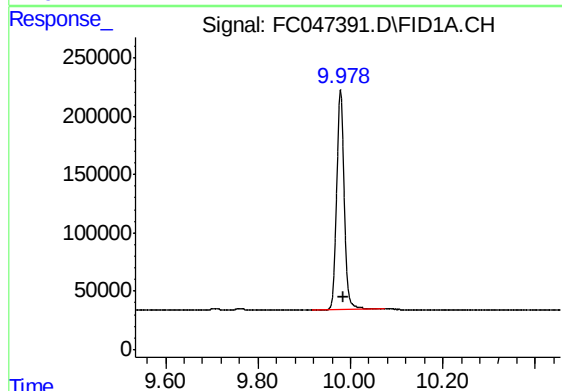
R.T.: 7.258 min
Delta R.T.: -0.004 min
Response: 2176931
Conc: 20.73 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



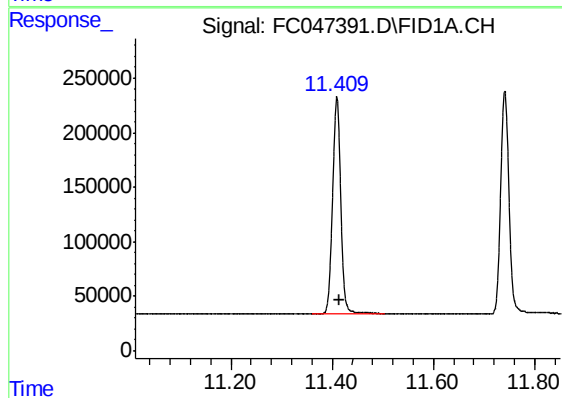
#6 n-Tetradecane (C14)

R.T.: 8.391 min
Delta R.T.: -0.004 min
Response: 2168202
Conc: 20.50 ug/ml



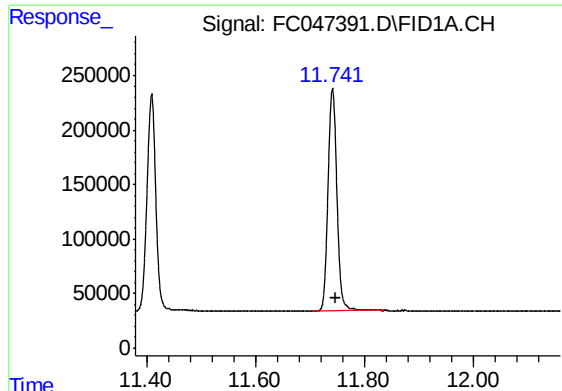
#7 n-Hexadecane (C16)

R.T.: 9.978 min
Delta R.T.: -0.005 min
Response: 2129816
Conc: 20.13 ug/ml



#8 n-Octadecane (C18)

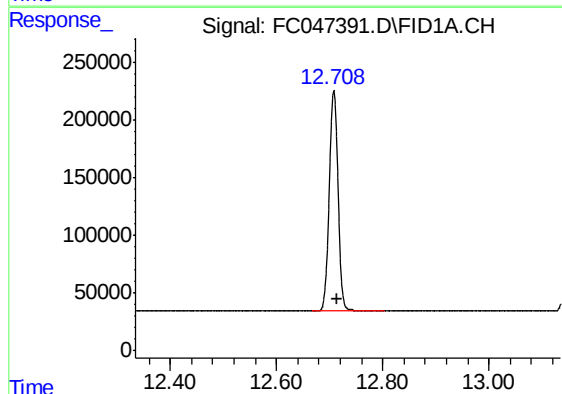
R.T.: 11.409 min
Delta R.T.: -0.006 min
Response: 2214167
Conc: 19.77 ug/ml



#9 ortho-Terphenyl (SURR)

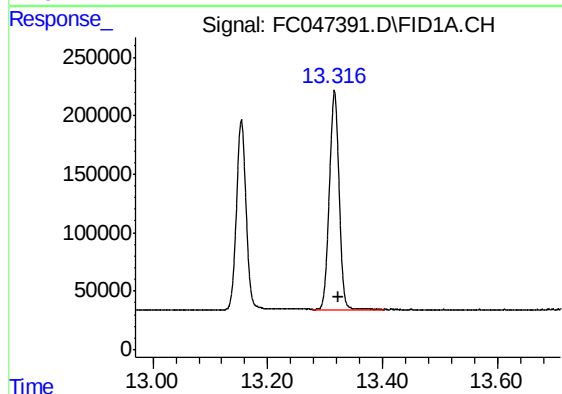
R.T.: 11.741 min
Delta R.T.: -0.006 min
Response: 2325437
Conc: 19.45 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



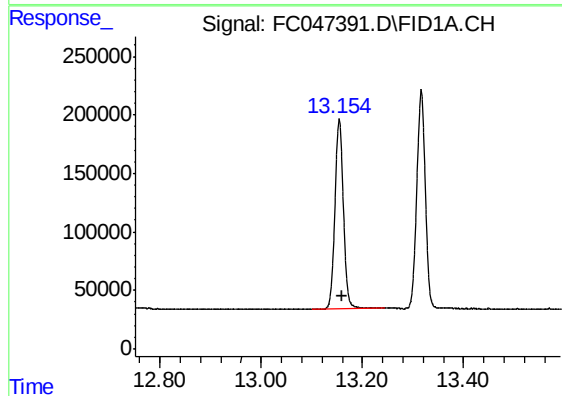
#10 n-Eicosane (C20)

R.T.: 12.708 min
Delta R.T.: -0.007 min
Response: 2208954
Conc: 19.41 ug/ml



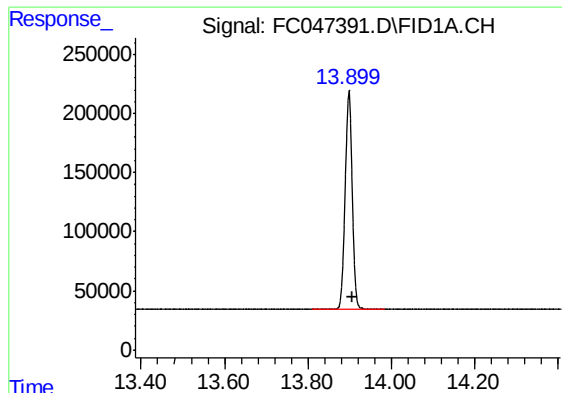
#11 n-Heneicosane (C21)

R.T.: 13.316 min
Delta R.T.: -0.008 min
Response: 2188460
Conc: 19.25 ug/ml



#12 1-chlorooctadecane (SURR)

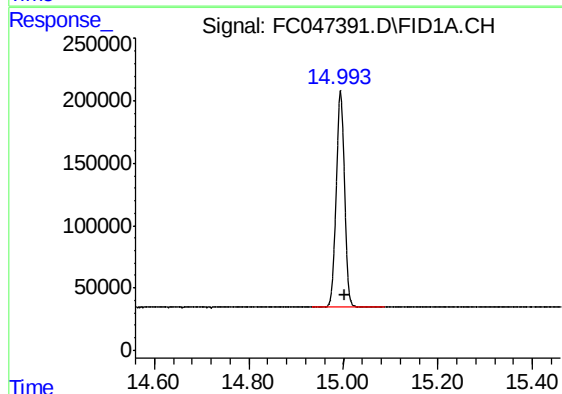
R.T.: 13.154 min
Delta R.T.: -0.007 min
Response: 1884384
Conc: 19.21 ug/ml



#13 n-Docosane (C22)

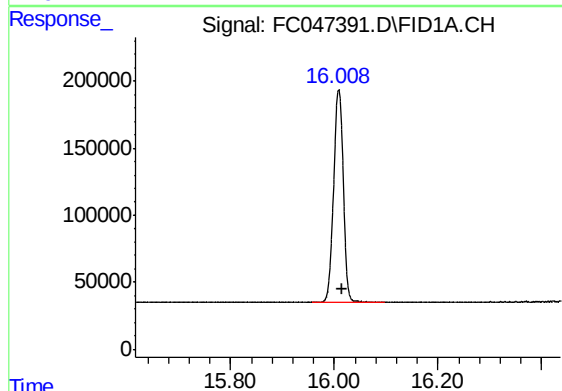
R.T.: 13.898 min
Delta R.T.: -0.008 min
Response: 2172924
Conc: 19.12 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



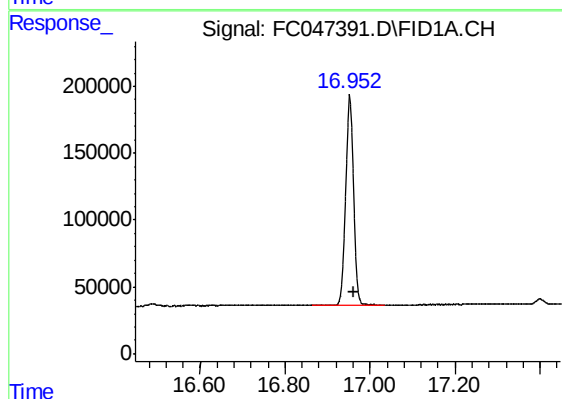
#14 n-Tetracosane (C24)

R.T.: 14.994 min
Delta R.T.: -0.008 min
Response: 2125128
Conc: 18.78 ug/ml



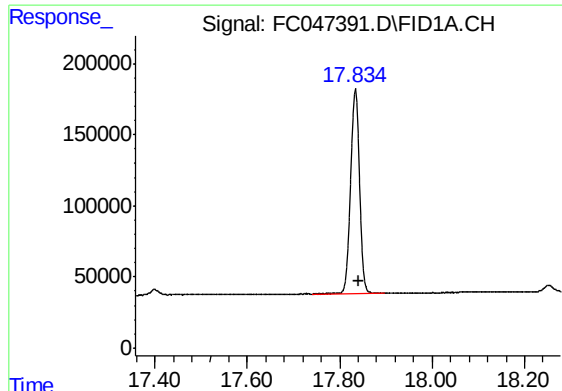
#15 n-Hexacosane (C26)

R.T.: 16.008 min
Delta R.T.: -0.008 min
Response: 2054839
Conc: 18.35 ug/ml



#16 n-Octacosane (C28)

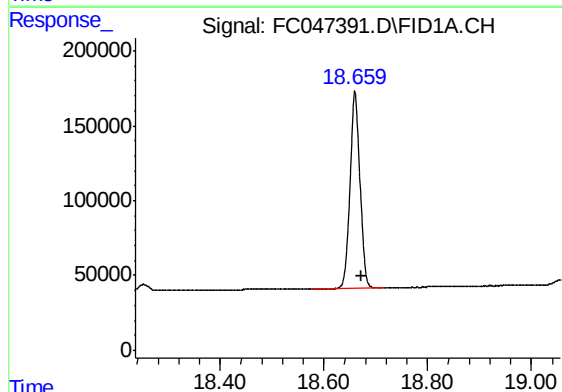
R.T.: 16.952 min
Delta R.T.: -0.009 min
Response: 1997847
Conc: 17.91 ug/ml



#17 n-Tricontane (C30)

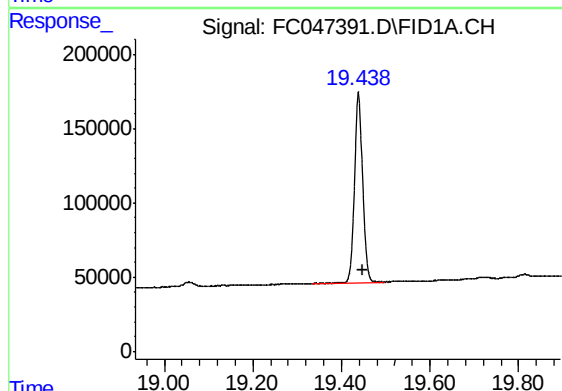
R.T.: 17.834 min
Delta R.T.: -0.008 min
Response: 1907122
Conc: 17.64 ug/ml

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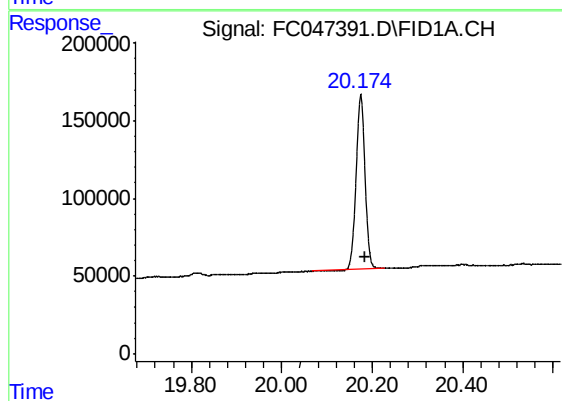
#18 n-Dotriacontane (C32)

R.T.: 18.660 min
Delta R.T.: -0.011 min
Response: 1732314
Conc: 17.57 ug/ml



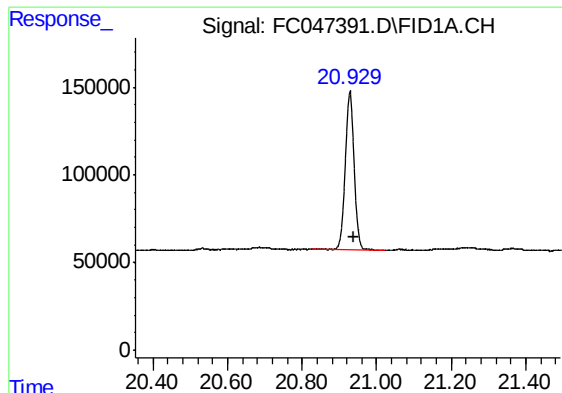
#19 n-Tetatriacontane (C34)

R.T.: 19.439 min
Delta R.T.: -0.009 min
Response: 1617242
Conc: 17.63 ug/ml



#20 n-Hexatriacontane (C36)

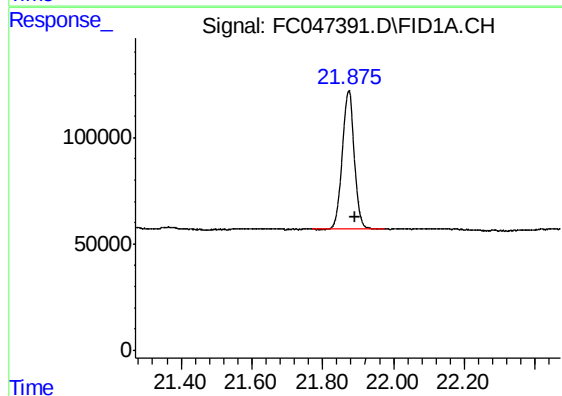
R.T.: 20.175 min
Delta R.T.: -0.010 min
Response: 1536215
Conc: 17.71 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.928 min
Delta R.T.: -0.012 min
Response: 1480673
Conc: 18.35 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.873 min
Delta R.T.: -0.019 min
Response: 1532296
Conc: 18.84 ug/ml