

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051120AL\
 Data File : FC047349.D
 Signal(s) : FID1A.CH
 Acq On : 11 May 2020 20:36
 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 12 02:00:47 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic 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)	11.744	2408837	20.151 ug/ml
Spiked Amount 50.000		Recovery =	40.30%
12) S 1-chlorooctadecane (S...	13.157	1989705	20.286 ug/ml
Spiked Amount 50.000		Recovery =	40.57%
Target Compounds			
1) T n-Nonane (C9)	3.550	2077063	20.489 ug/ml
2) T n-Decane (C10)	4.614	2094320	20.495 ug/ml
3) T A~Naphthalene (C11.7)	6.216	2126517	20.422 ug/ml
4) T n-Dodecane (C12)	6.614	2194230	20.774 ug/ml
5) T A~2-methylnaphthalene...	7.265	2148688	20.461 ug/ml
6) T n-Tetradecane (C14)	8.393	2201627	20.814 ug/ml
7) T n-Hexadecane (C16)	9.981	2187289	20.672 ug/ml
8) T n-Octadecane (C18)	11.411	2291448	20.463 ug/ml
10) T n-Eicosane (C20)	12.710	2311536	20.315 ug/ml
11) T n-Heneicosane (C21)	13.318	2309432	20.313 ug/ml
13) T n-Docosane (C22)	13.900	2301747	20.255 ug/ml
14) T n-Tetracosane (C24)	14.996	2274221	20.100 ug/ml
15) T n-Hexacosane (C26)	16.010	2227558	19.888 ug/ml
16) T n-Octacosane (C28)	16.954	2188816	19.624 ug/ml
17) T n-Tricontane (C30)	17.836	2103611	19.456 ug/ml
18) T n-Dotriacontane (C32)	18.662	1901072	19.278 ug/ml
19) T n-Tetratriacontane (C34)	19.441	1758718	19.174 ug/ml
20) T n-Hexatriacontane (C36)	20.177	1667781	19.231 ug/ml
21) T n-Octatriacontane (C38)	20.931	1543080	19.124 ug/ml
22) T n-Tetracontane (C40)	21.877	1571382	19.323 ug/ml

(f)=RT Delta > 1/2 Window

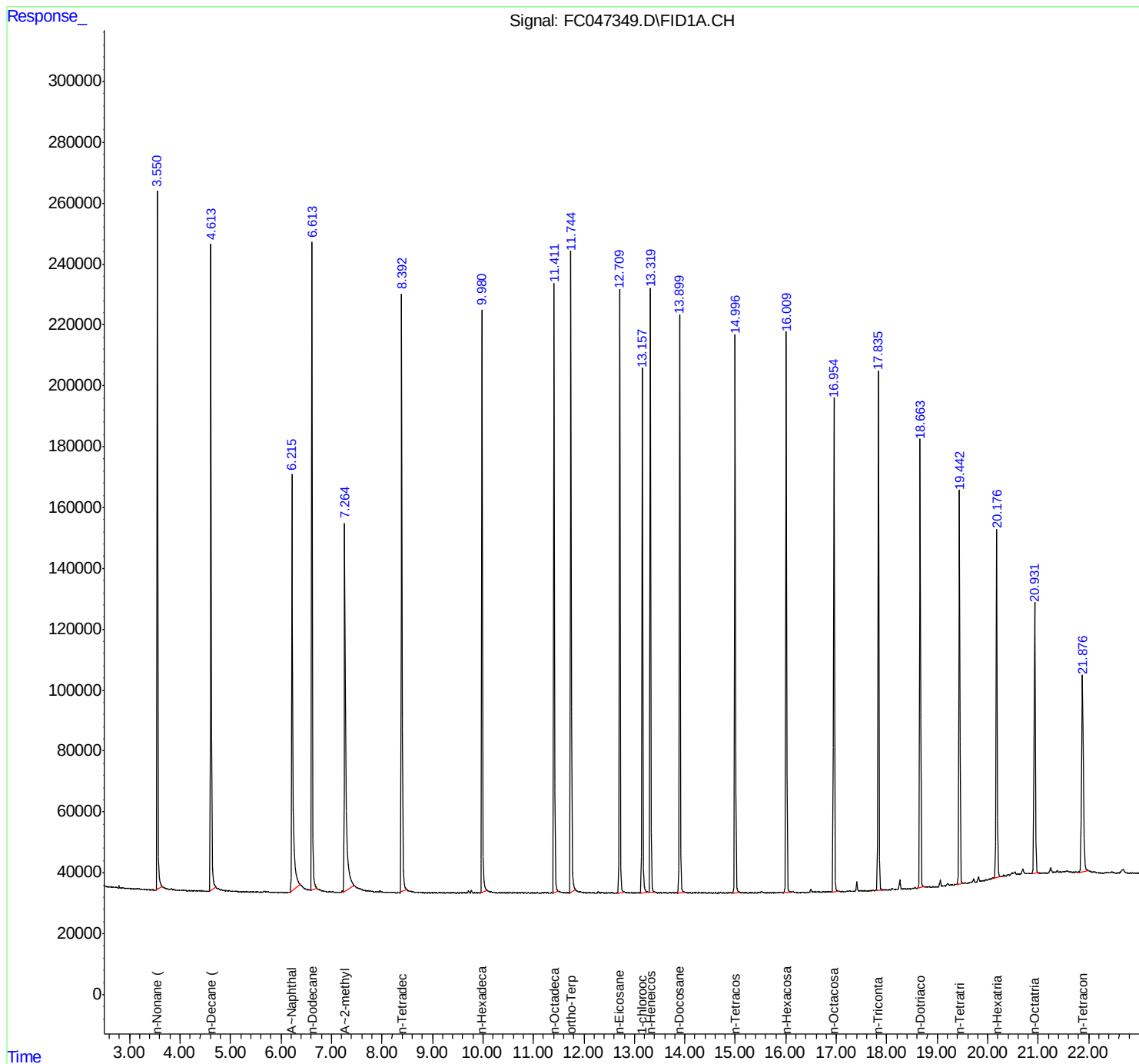
(m)=manual int.

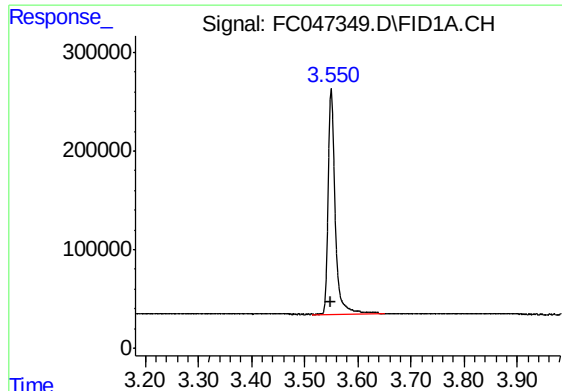
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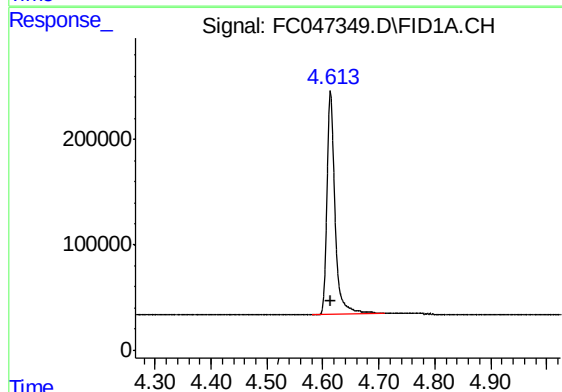




#1 n-Nonane (C9)

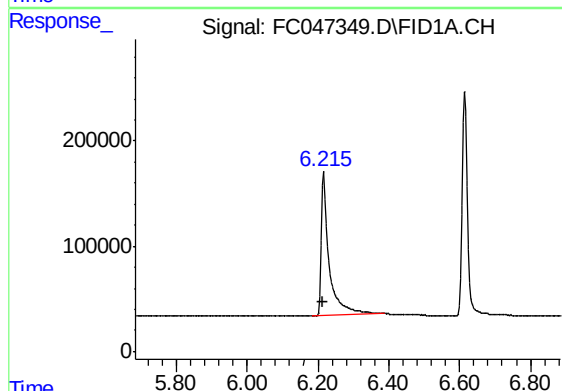
R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 2077063
Conc: 20.49 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



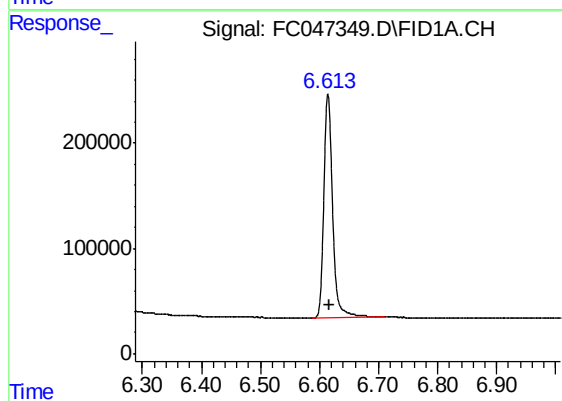
#2 n-Decane (C10)

R.T.: 4.614 min
Delta R.T.: -0.001 min
Response: 2094320
Conc: 20.49 ug/ml



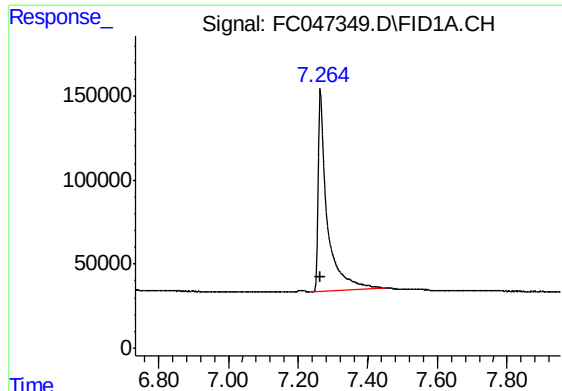
#3 A~Naphthalene (C11.7)

R.T.: 6.216 min
Delta R.T.: 0.001 min
Response: 2126517
Conc: 20.42 ug/ml



#4 n-Dodecane (C12)

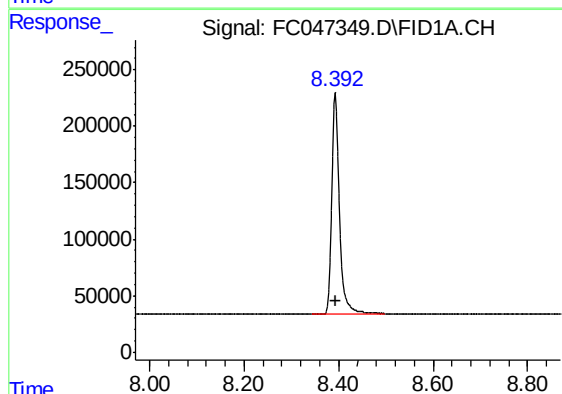
R.T.: 6.614 min
Delta R.T.: -0.002 min
Response: 2194230
Conc: 20.77 ug/ml



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

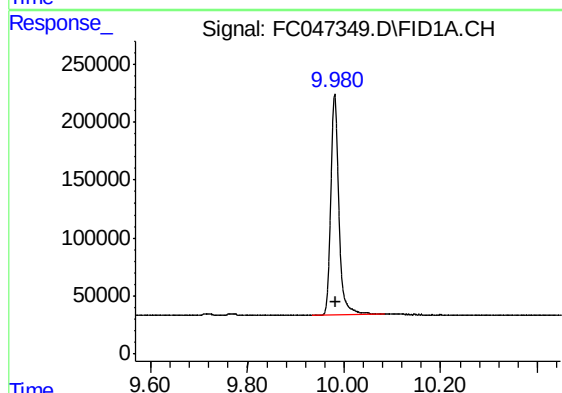
R.T.: 7.265 min
Delta R.T.: 0.002 min
Response: 2148688
Conc: 20.46 ug/ml

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20 PPM ALIPHATIC HC STD



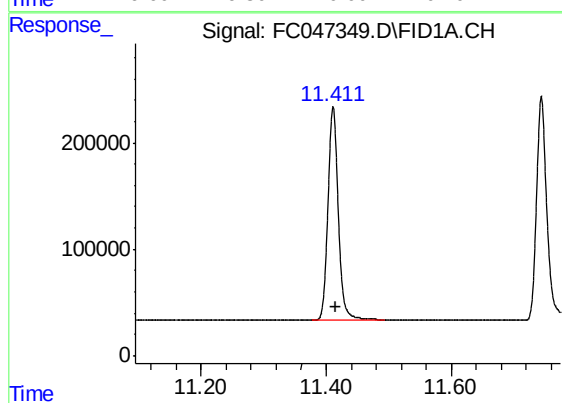
#6 n-Tetradecane (C14)

R.T.: 8.393 min
Delta R.T.: -0.002 min
Response: 2201627
Conc: 20.81 ug/ml



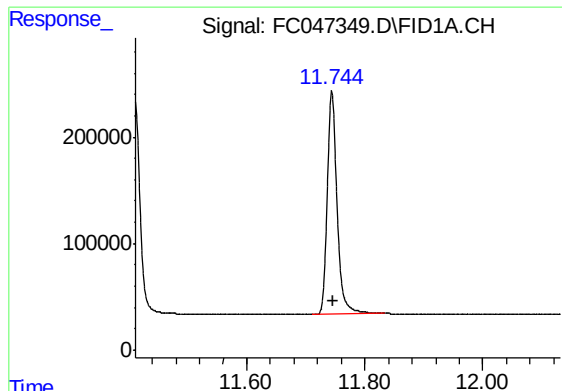
#7 n-Hexadecane (C16)

R.T.: 9.981 min
Delta R.T.: -0.003 min
Response: 2187289
Conc: 20.67 ug/ml



#8 n-Octadecane (C18)

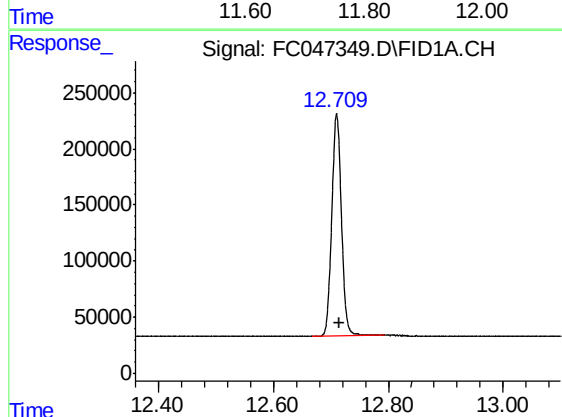
R.T.: 11.411 min
Delta R.T.: -0.004 min
Response: 2291448
Conc: 20.46 ug/ml



#9 ortho-Terphenyl (SURR)

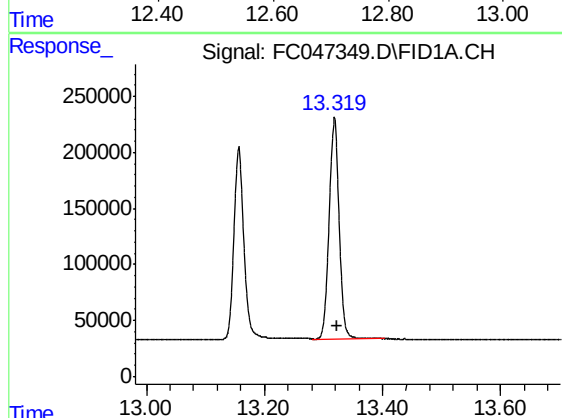
R.T.: 11.744 min
Delta R.T.: -0.003 min
Response: 2408837
Conc: 20.15 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



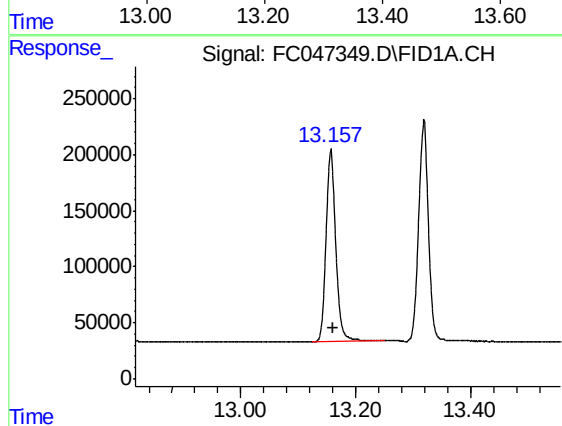
#10 n-Eicosane (C20)

R.T.: 12.710 min
Delta R.T.: -0.005 min
Response: 2311536
Conc: 20.31 ug/ml



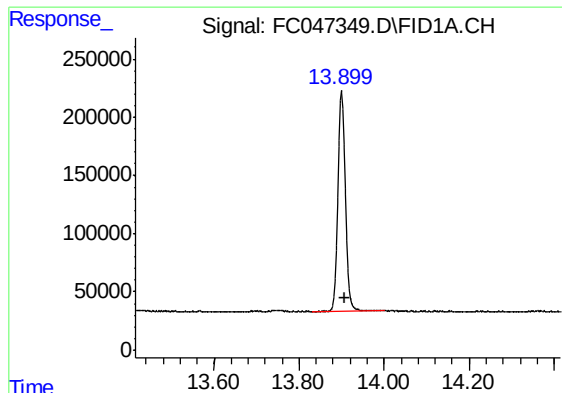
#11 n-Heneicosane (C21)

R.T.: 13.318 min
Delta R.T.: -0.005 min
Response: 2309432
Conc: 20.31 ug/ml



#12 1-chlorooctadecane (SURR)

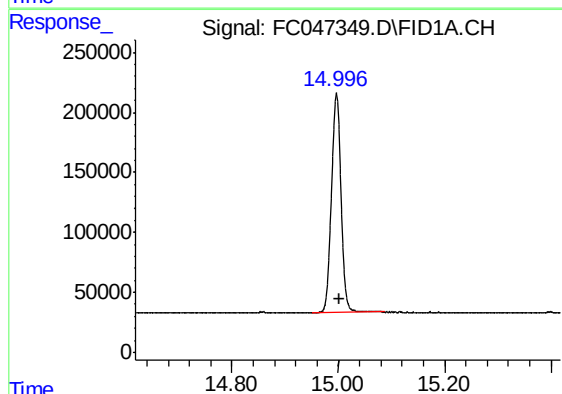
R.T.: 13.157 min
Delta R.T.: -0.004 min
Response: 1989705
Conc: 20.29 ug/ml



#13 n-Docosane (C22)

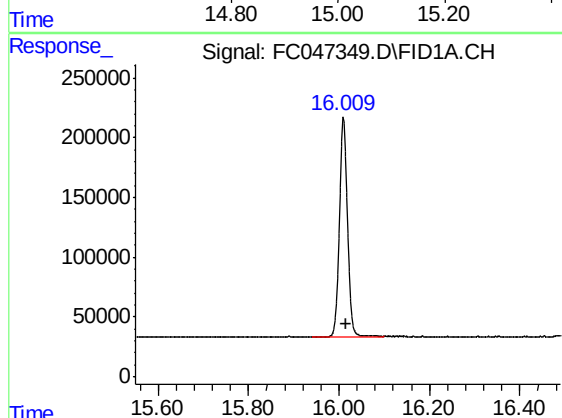
R.T.: 13.900 min
Delta R.T.: -0.006 min
Response: 2301747
Conc: 20.26 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



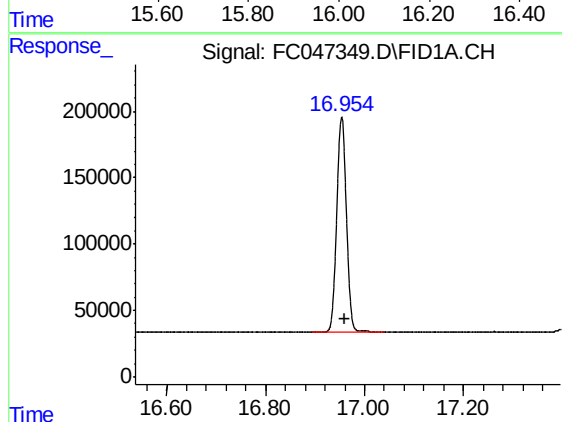
#14 n-Tetracosane (C24)

R.T.: 14.996 min
Delta R.T.: -0.006 min
Response: 2274221
Conc: 20.10 ug/ml



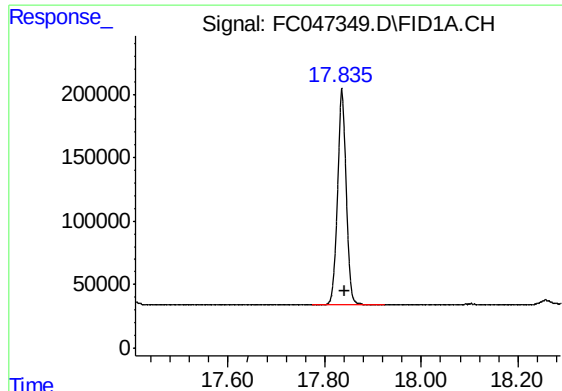
#15 n-Hexacosane (C26)

R.T.: 16.010 min
Delta R.T.: -0.006 min
Response: 2227558
Conc: 19.89 ug/ml



#16 n-Octacosane (C28)

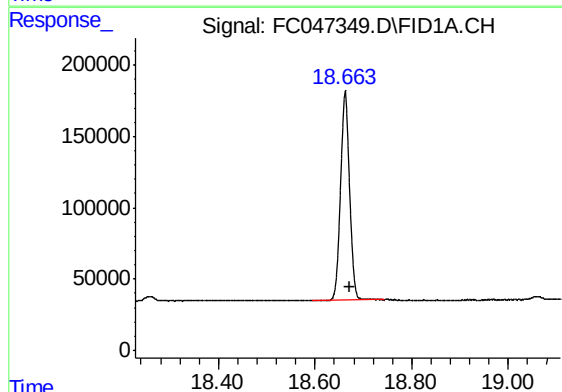
R.T.: 16.954 min
Delta R.T.: -0.007 min
Response: 2188816
Conc: 19.62 ug/ml



#17 n-Tricontane (C30)

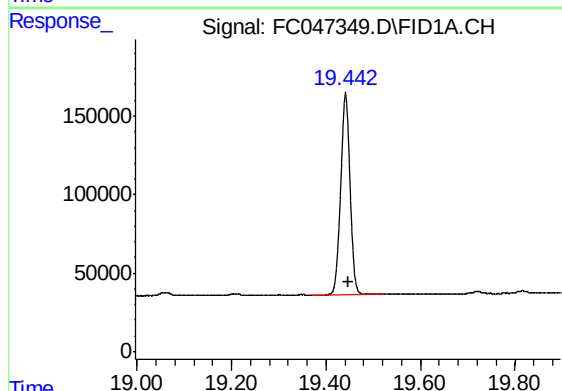
R.T.: 17.836 min
Delta R.T.: -0.006 min
Response: 2103611
Conc: 19.46 ug/ml

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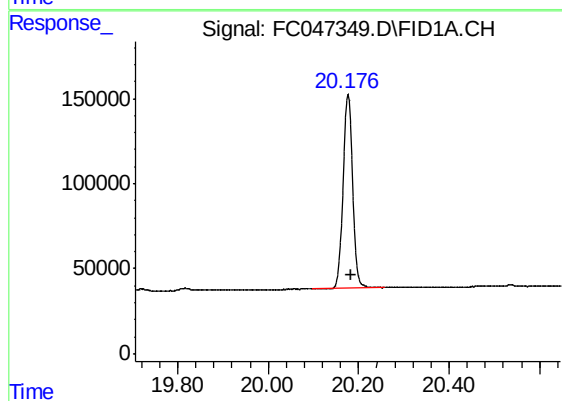
#18 n-Dotriacontane (C32)

R.T.: 18.662 min
Delta R.T.: -0.009 min
Response: 1901072
Conc: 19.28 ug/ml



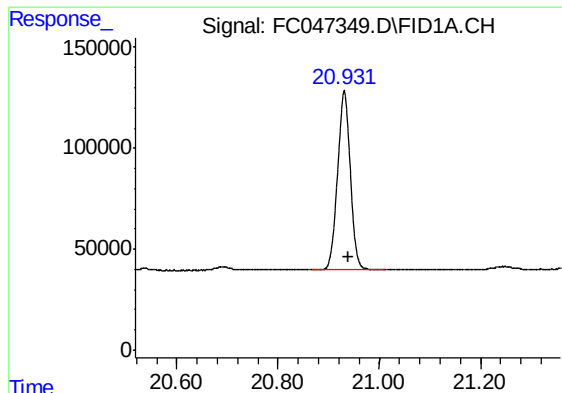
#19 n-Tetratriacontane (C34)

R.T.: 19.441 min
Delta R.T.: -0.007 min
Response: 1758718
Conc: 19.17 ug/ml



#20 n-Hexatriacontane (C36)

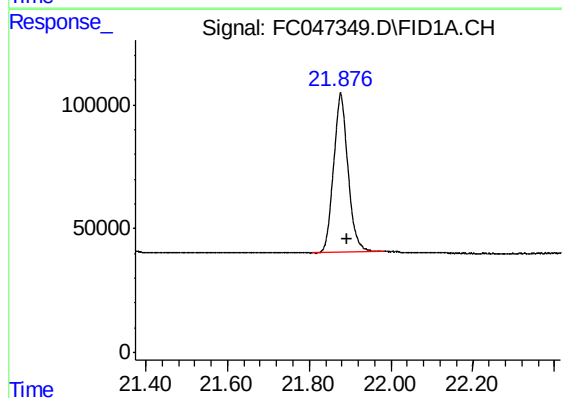
R.T.: 20.177 min
Delta R.T.: -0.008 min
Response: 1667781
Conc: 19.23 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.931 min
Delta R.T.: -0.009 min
Response: 1543080
Conc: 19.12 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.877 min
Delta R.T.: -0.015 min
Response: 1571382
Conc: 19.32 ug/ml