

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052220AL\
 Data File : FC047556.D
 Signal(s) : FID1A.CH
 Acq On : 22 May 2020 8:32
 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 23 01:01:31 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)	11.737	2353200	19.685 ug/ml
Spiked Amount 50.000		Recovery =	39.37%
12) S 1-chlorooctadecane (S...	13.149	1907812	19.451 ug/ml
Spiked Amount 50.000		Recovery =	38.90%
Target Compounds			
1) T n-Nonane (C9)	3.546	2226316	21.961 ug/ml
2) T n-Decane (C10)	4.609	2271809	22.232 ug/ml
3) T A~Naphthalene (C11.7)	6.207	2234627	21.460 ug/ml
4) T n-Dodecane (C12)	6.609	2318727	21.953 ug/ml
5) T A~2-methylnaphthalene...	7.254	2256224	21.485 ug/ml
6) T n-Tetradecane (C14)	8.386	2292806	21.676 ug/ml
7) T n-Hexadecane (C16)	9.974	2230251	21.078 ug/ml
8) T n-Octadecane (C18)	11.403	2293574	20.482 ug/ml
10) T n-Eicosane (C20)	12.704	2268289	19.935 ug/ml
11) T n-Heneicosane (C21)	13.311	2236596	19.673 ug/ml
13) T n-Docosane (C22)	13.893	2234979	19.668 ug/ml
14) T n-Tetracosane (C24)	14.989	2234494	19.749 ug/ml
15) T n-Hexacosane (C26)	16.003	2174845	19.417 ug/ml
16) T n-Octacosane (C28)	16.947	2178760	19.534 ug/ml
17) T n-Tricontane (C30)	17.828	2159487	19.973 ug/ml
18) T n-Dotriacontane (C32)	18.656	2004072	20.322 ug/ml
19) T n-Tetratriacontane (C34)	19.432	1857663	20.253 ug/ml
20) T n-Hexatriacontane (C36)	20.169	1775381	20.472 ug/ml
21) T n-Octatriacontane (C38)	20.921	1683561	20.865 ug/ml
22) T n-Tetracontane (C40)	21.860	1744812	21.456 ug/ml

(f)=RT Delta > 1/2 Window

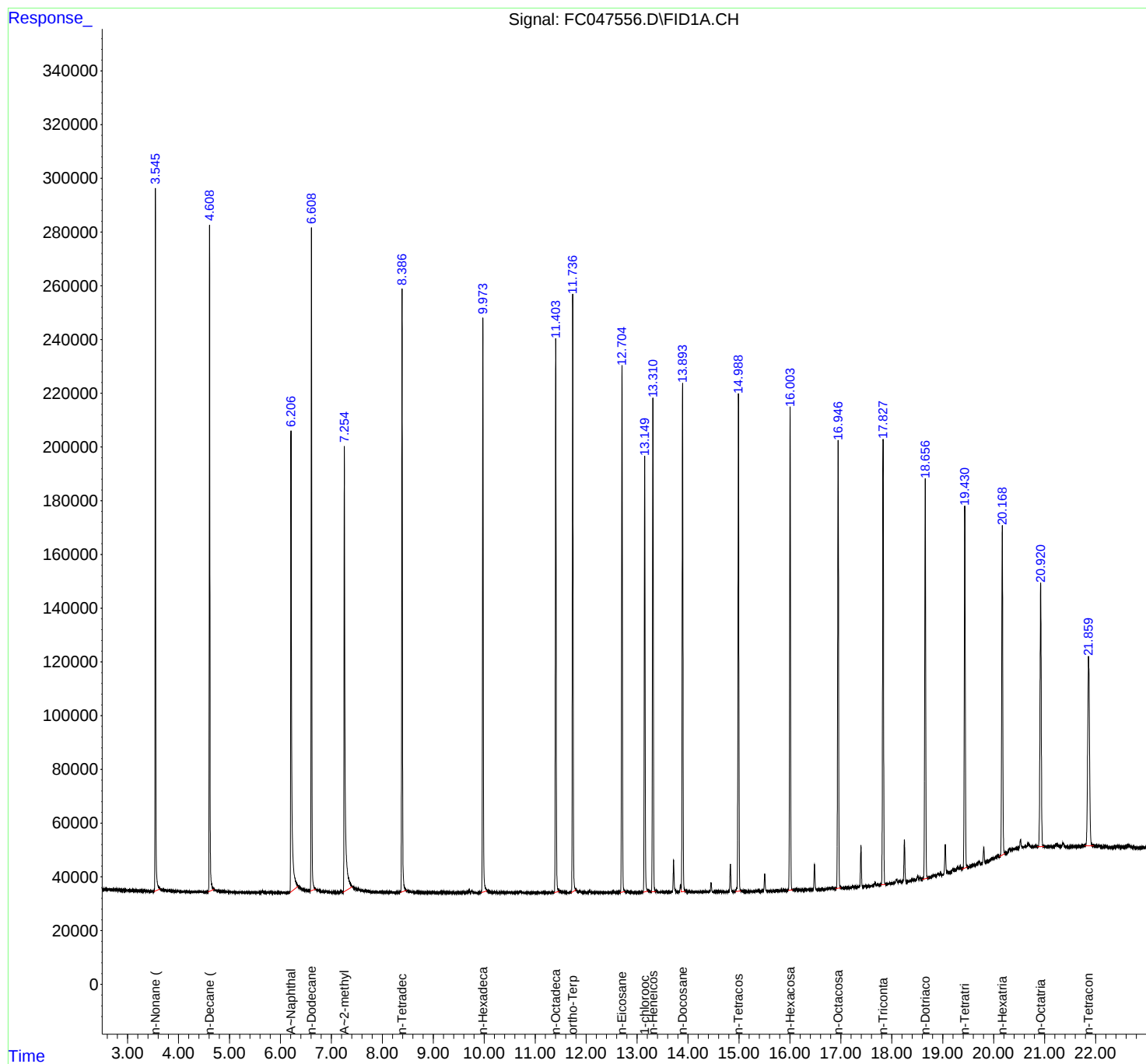
(m)=manual int.

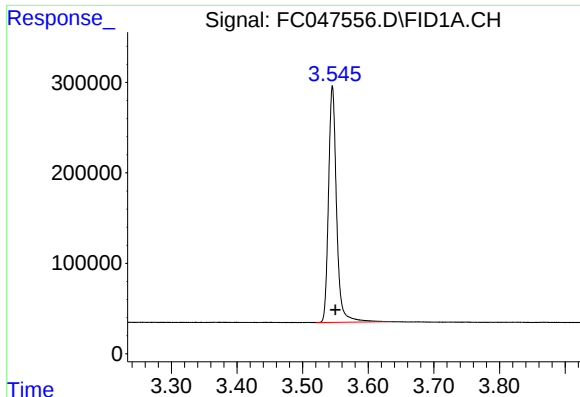
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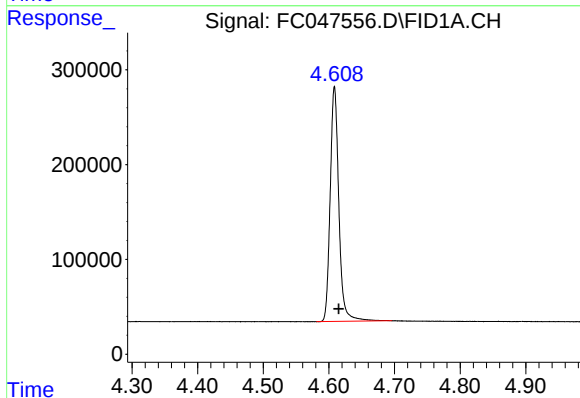




#1 n-Nonane (C9)

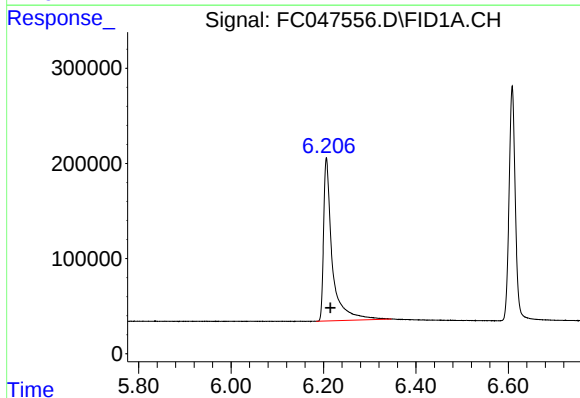
R.T.: 3.546 min
Delta R.T.: -0.004 min
Response: 2226316
Conc: 21.96 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



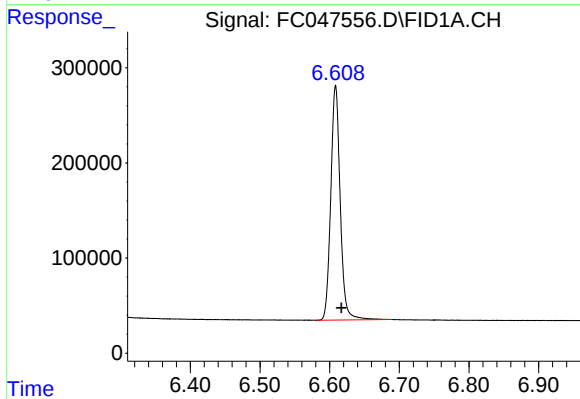
#2 n-Decane (C10)

R.T.: 4.609 min
Delta R.T.: -0.006 min
Response: 2271809
Conc: 22.23 ug/ml



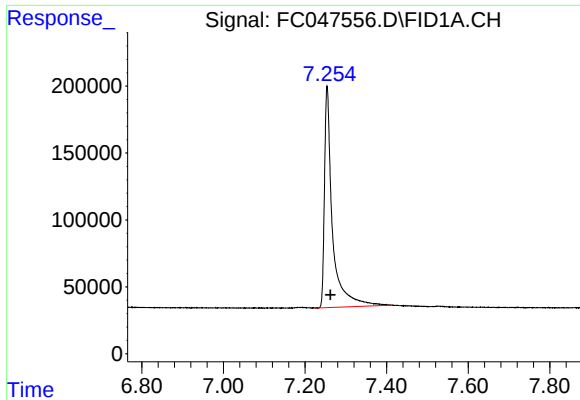
#3 A~Naphthalene (C11.7)

R.T.: 6.207 min
Delta R.T.: -0.008 min
Response: 2234627
Conc: 21.46 ug/ml



#4 n-Dodecane (C12)

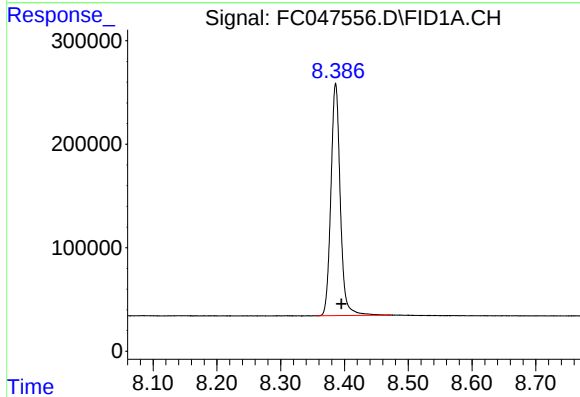
R.T.: 6.609 min
Delta R.T.: -0.008 min
Response: 2318727
Conc: 21.95 ug/ml



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

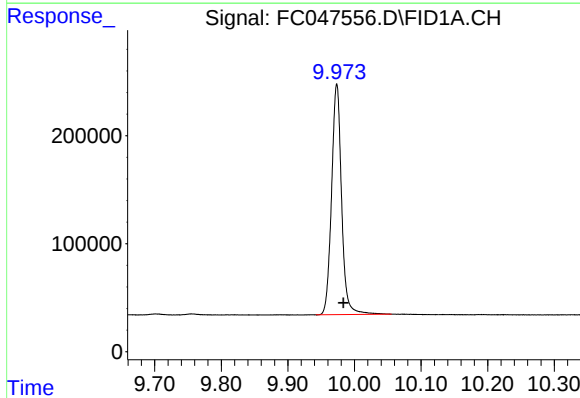
R.T.: 7.254 min
Delta R.T.: -0.008 min
Response: 2256224
Conc: 21.49 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



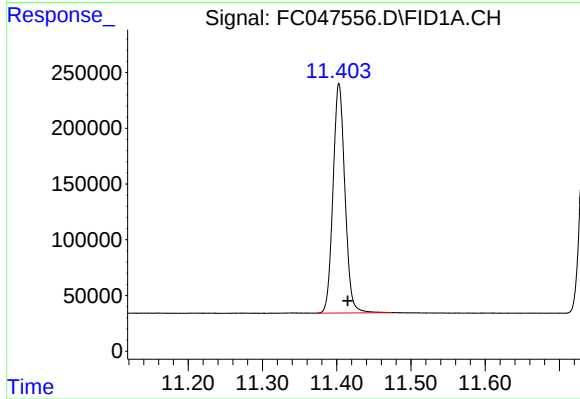
#6 n-Tetradecane (C14)

R.T.: 8.386 min
Delta R.T.: -0.009 min
Response: 2292806
Conc: 21.68 ug/ml



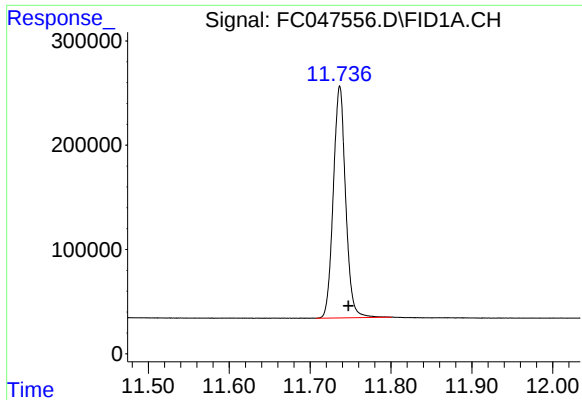
#7 n-Hexadecane (C16)

R.T.: 9.974 min
Delta R.T.: -0.010 min
Response: 2230251
Conc: 21.08 ug/ml



#8 n-Octadecane (C18)

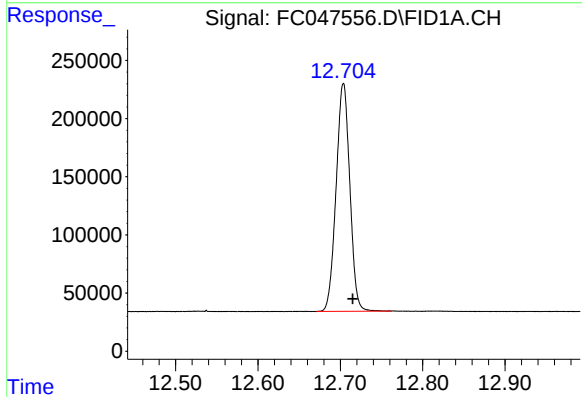
R.T.: 11.403 min
Delta R.T.: -0.012 min
Response: 2293574
Conc: 20.48 ug/ml



#9 ortho-Terphenyl (SURR)

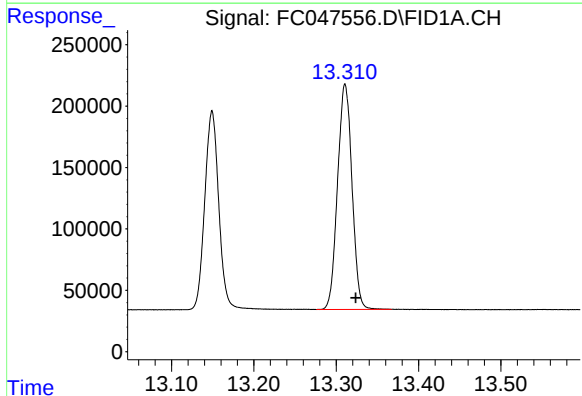
R.T.: 11.737 min
Delta R.T.: -0.011 min
Response: 2353200
Conc: 19.69 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



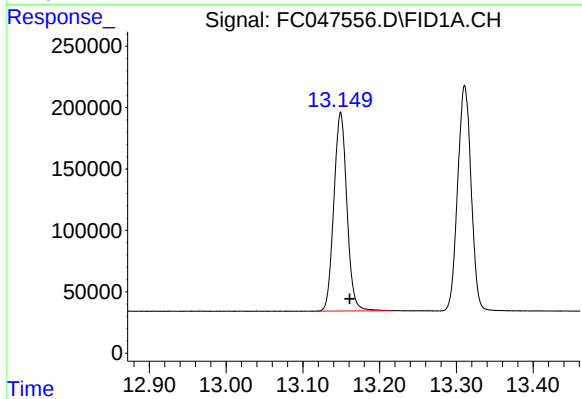
#10 n-Eicosane (C20)

R.T.: 12.704 min
Delta R.T.: -0.011 min
Response: 2268289
Conc: 19.93 ug/ml



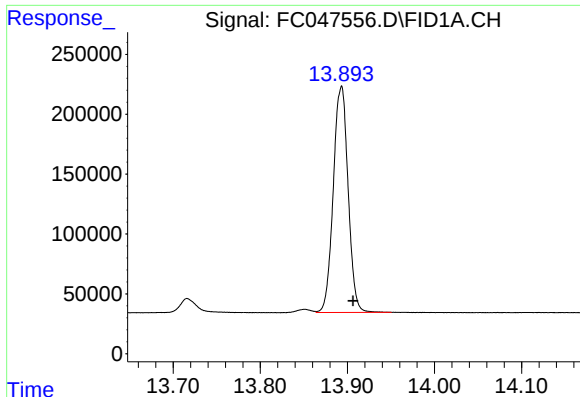
#11 n-Heneicosane (C21)

R.T.: 13.311 min
Delta R.T.: -0.013 min
Response: 2236596
Conc: 19.67 ug/ml



#12 1-chlorooctadecane (SURR)

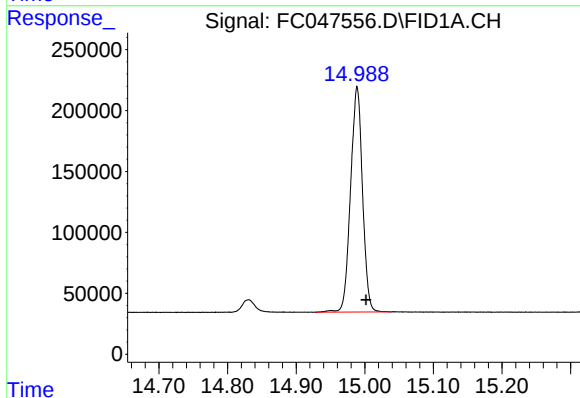
R.T.: 13.149 min
Delta R.T.: -0.012 min
Response: 1907812
Conc: 19.45 ug/ml



#13 n-Docosane (C22)

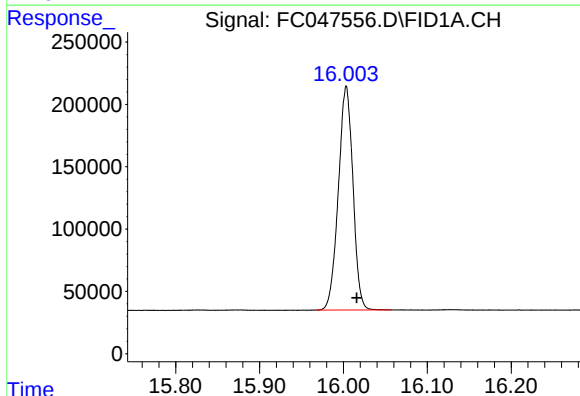
R.T.: 13.893 min
Delta R.T.: -0.013 min
Response: 2234979
Conc: 19.67 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



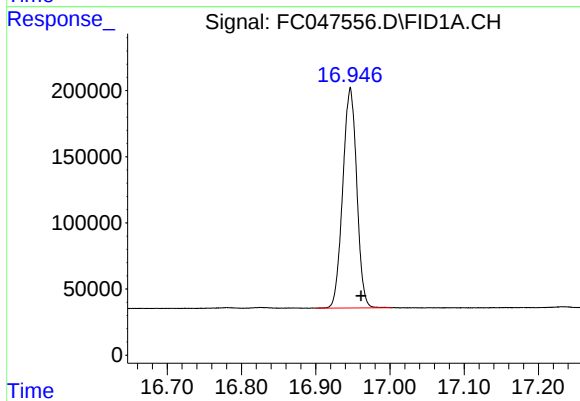
#14 n-Tetracosane (C24)

R.T.: 14.989 min
Delta R.T.: -0.013 min
Response: 2234494
Conc: 19.75 ug/ml



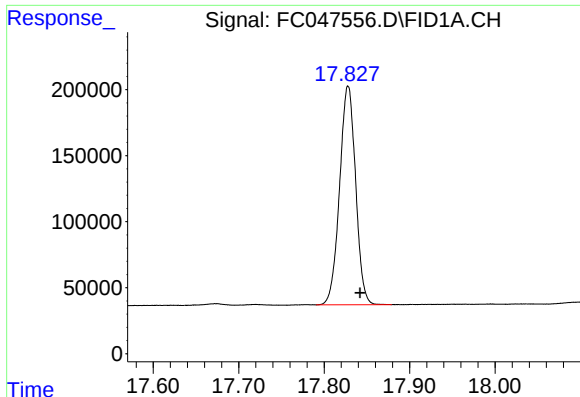
#15 n-Hexacosane (C26)

R.T.: 16.003 min
Delta R.T.: -0.013 min
Response: 2174845
Conc: 19.42 ug/ml



#16 n-Octacosane (C28)

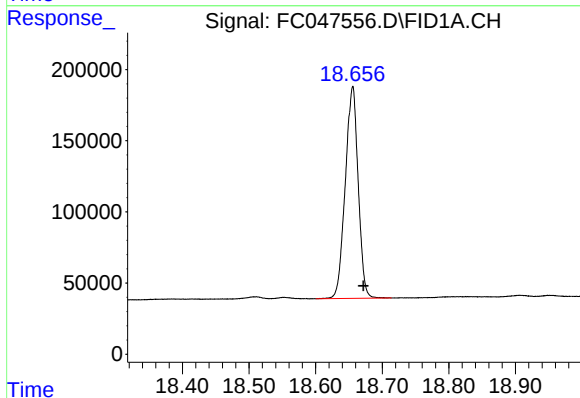
R.T.: 16.947 min
Delta R.T.: -0.014 min
Response: 2178760
Conc: 19.53 ug/ml



#17 n-Tricontane (C30)

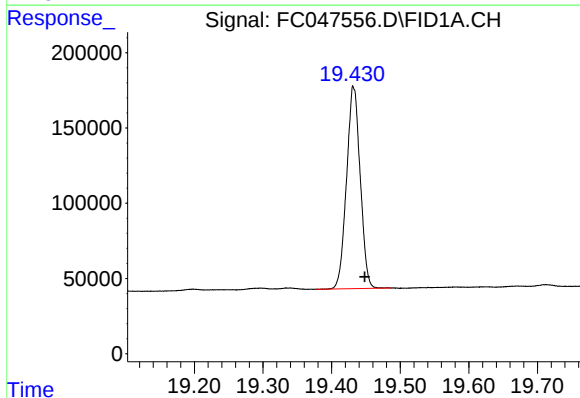
R.T.: 17.828 min
Delta R.T.: -0.014 min
Response: 2159487
Conc: 19.97 ug/ml

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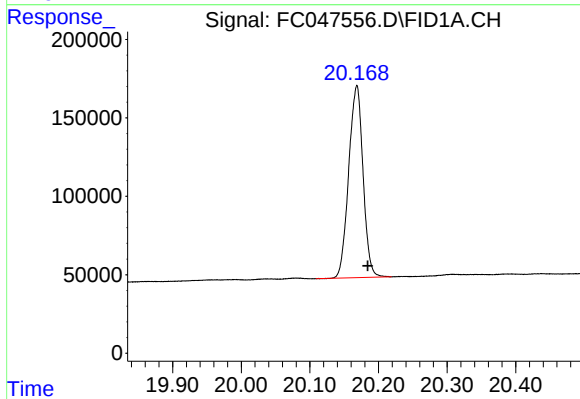
#18 n-Dotriacontane (C32)

R.T.: 18.656 min
Delta R.T.: -0.016 min
Response: 2004072
Conc: 20.32 ug/ml



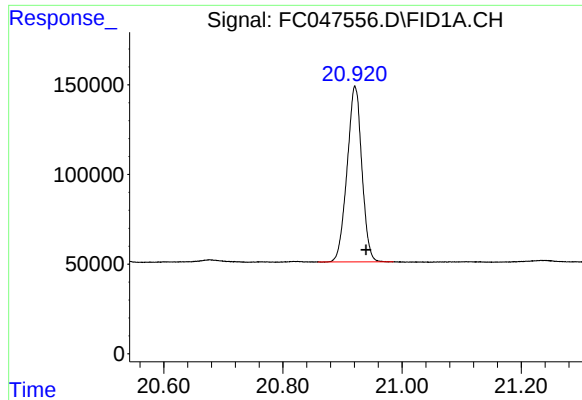
#19 n-Tetratriacontane (C34)

R.T.: 19.432 min
Delta R.T.: -0.016 min
Response: 1857663
Conc: 20.25 ug/ml



#20 n-Hexatriacontane (C36)

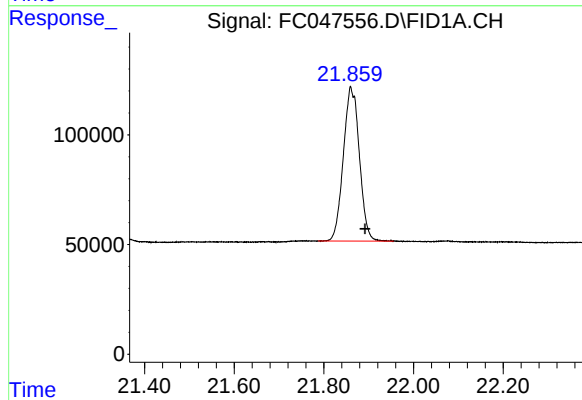
R.T.: 20.169 min
Delta R.T.: -0.016 min
Response: 1775381
Conc: 20.47 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.921 min
Delta R.T.: -0.019 min
Response: 1683561
Conc: 20.87 ug/ml

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FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.860 min
Delta R.T.: -0.032 min
Response: 1744812
Conc: 21.46 ug/ml