

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051220AL\
 Data File : FC047362.D
 Signal(s) : FID1A.CH
 Acq On : 12 May 2020 6:26
 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: sample.E
 Quant Time: May 12 07:43:21 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)	11.745	2315555	19.370 ug/ml
Spiked Amount 50.000		Recovery =	38.74%
12) S 1-chlorooctadecane (S...	13.157	1907898	19.452 ug/ml
Spiked Amount 50.000		Recovery =	38.90%
Target Compounds			
1) T n-Nonane (C9)	3.550	1954442	19.279 ug/ml
2) T n-Decane (C10)	4.614	1971036	19.288 ug/ml
3) T A~Naphthalene (C11.7)	6.218	1989341	19.105 ug/ml
4) T n-Dodecane (C12)	6.615	2073947	19.635 ug/ml
5) T A~2-methylnaphthalene...	7.267	2013386	19.173 ug/ml
6) T n-Tetradecane (C14)	8.394	2080084	19.665 ug/ml
7) T n-Hexadecane (C16)	9.980	2090665	19.759 ug/ml
8) T n-Octadecane (C18)	11.411	2187328	19.534 ug/ml
10) T n-Eicosane (C20)	12.710	2201713	19.349 ug/ml
11) T n-Heneicosane (C21)	13.318	2205797	19.402 ug/ml
13) T n-Docosane (C22)	13.900	2195582	19.321 ug/ml
14) T n-Tetracosane (C24)	14.996	2162870	19.116 ug/ml
15) T n-Hexacosane (C26)	16.009	2112490	18.861 ug/ml
16) T n-Octacosane (C28)	16.952	2075925	18.612 ug/ml
17) T n-Tricontane (C30)	17.835	1986750	18.375 ug/ml
18) T n-Dotriacontane (C32)	18.661	1796537	18.218 ug/ml
19) T n-Tetratriacontane (C34)	19.440	1701677	18.552 ug/ml
20) T n-Hexatriacontane (C36)	20.175	1586393	18.293 ug/ml
21) T n-Octatriacontane (C38)	20.928	1469870	18.217 ug/ml
22) T n-Tetracontane (C40)	21.876	1509738	18.565 ug/ml

(f)=RT Delta > 1/2 Window

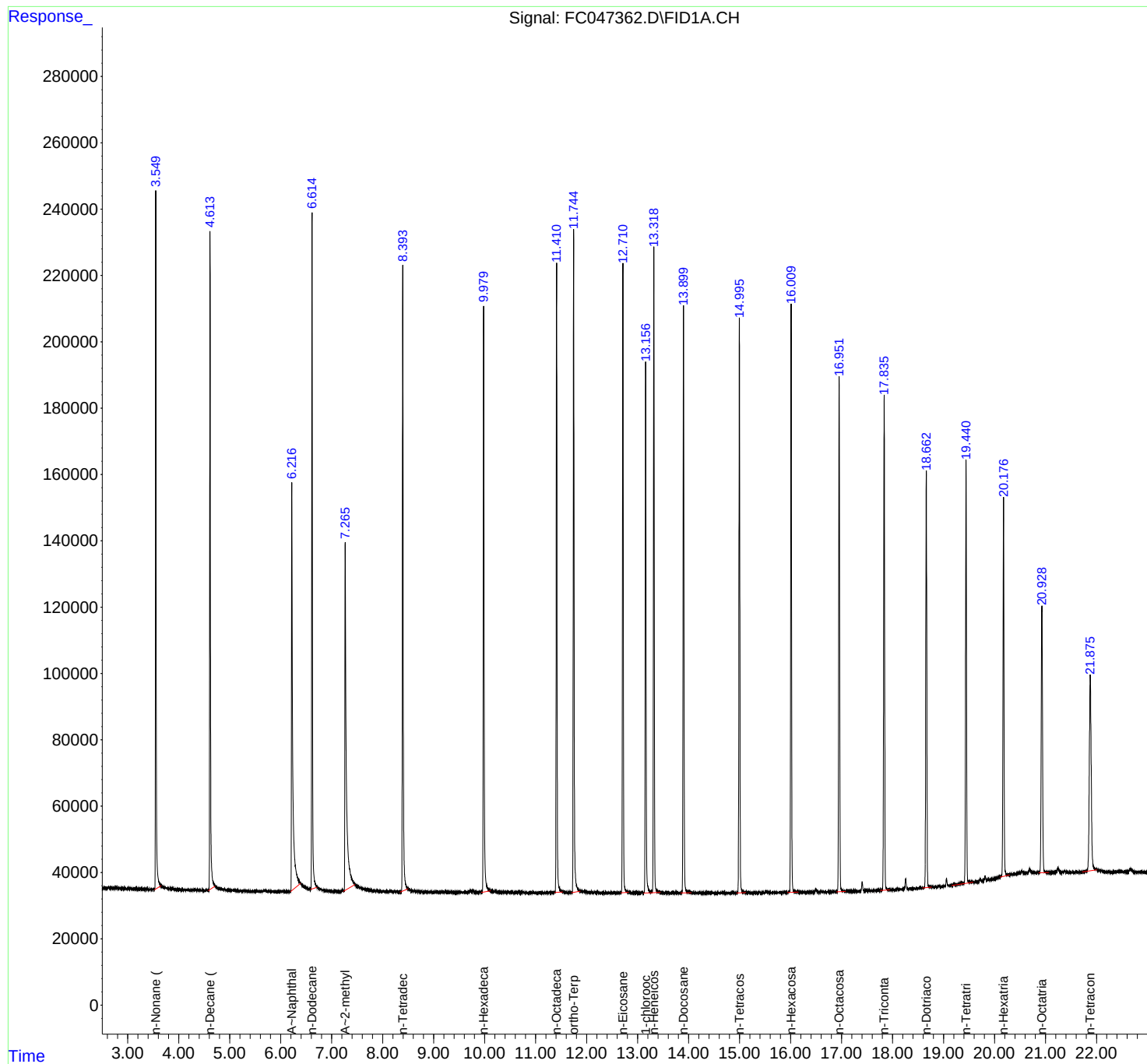
(m)=manual int.

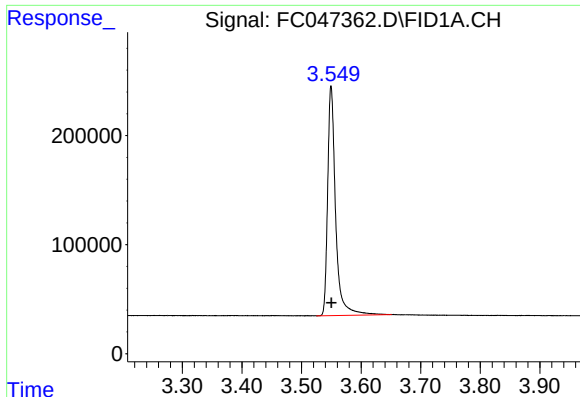
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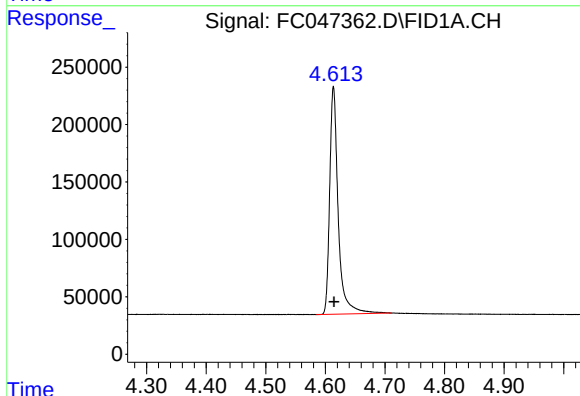




#1 n-Nonane (C9)

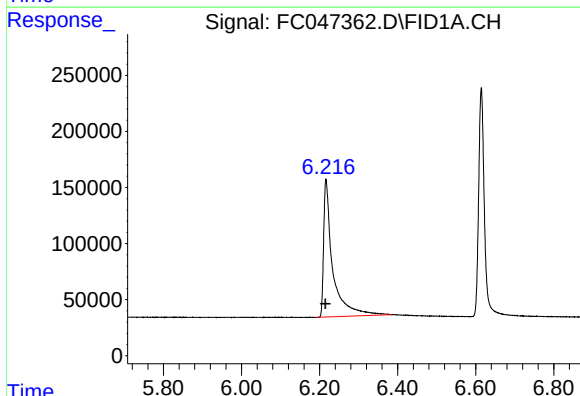
R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 1954442
Conc: 19.28 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



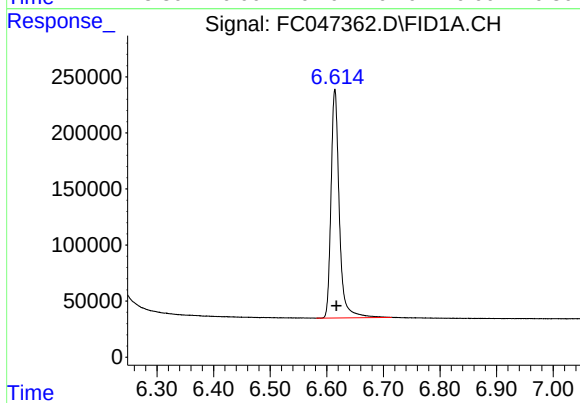
#2 n-Decane (C10)

R.T.: 4.614 min
Delta R.T.: -0.001 min
Response: 1971036
Conc: 19.29 ug/ml



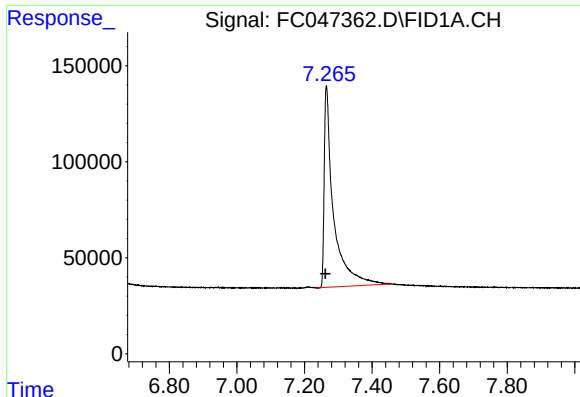
#3 A~Naphthalene (C11.7)

R.T.: 6.218 min
Delta R.T.: 0.003 min
Response: 1989341
Conc: 19.10 ug/ml



#4 n-Dodecane (C12)

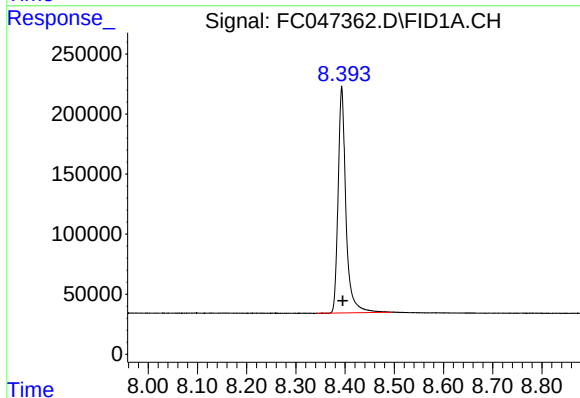
R.T.: 6.615 min
Delta R.T.: -0.002 min
Response: 2073947
Conc: 19.64 ug/ml



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

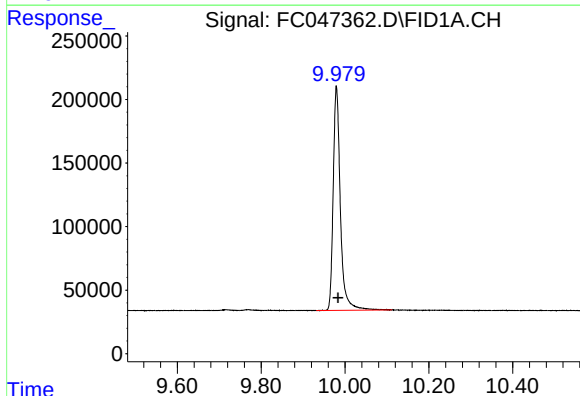
R.T.: 7.267 min
Delta R.T.: 0.005 min
Response: 2013386
Conc: 19.17 ug/ml

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20 PPM ALIPHATIC HC STD



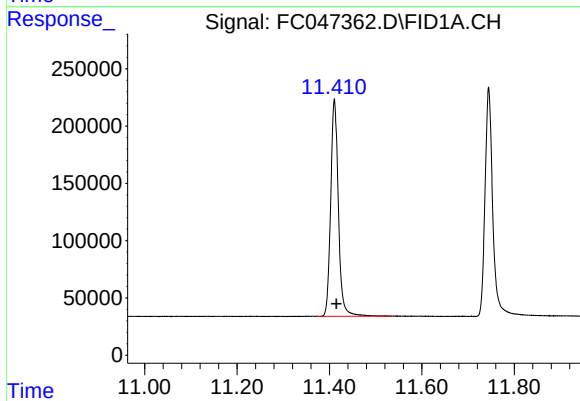
#6 n-Tetradecane (C14)

R.T.: 8.394 min
Delta R.T.: -0.002 min
Response: 2080084
Conc: 19.67 ug/ml



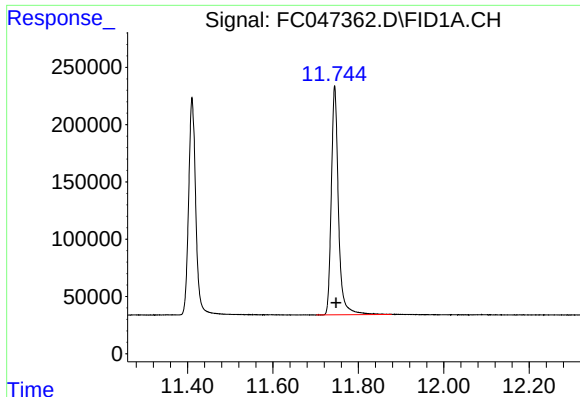
#7 n-Hexadecane (C16)

R.T.: 9.980 min
Delta R.T.: -0.003 min
Response: 2090665
Conc: 19.76 ug/ml



#8 n-Octadecane (C18)

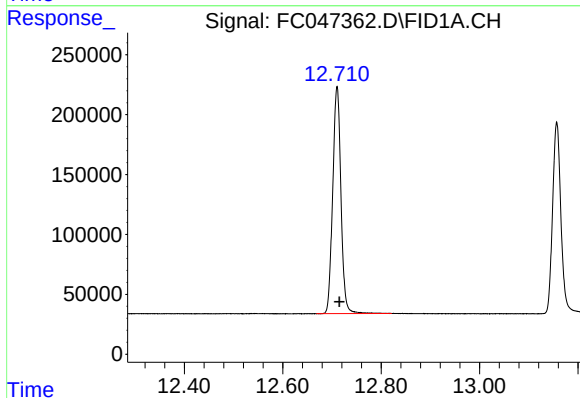
R.T.: 11.411 min
Delta R.T.: -0.004 min
Response: 2187328
Conc: 19.53 ug/ml



#9 ortho-Terphenyl (SURR)

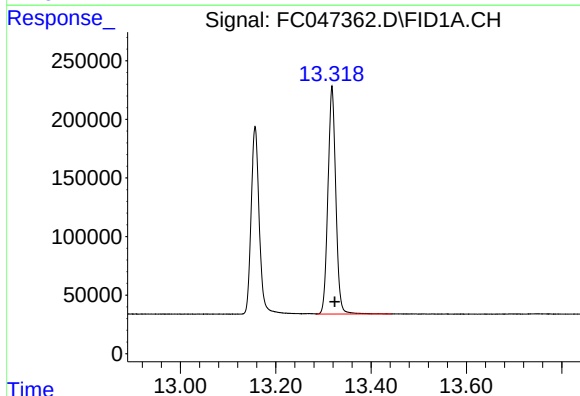
R.T.: 11.745 min
Delta R.T.: -0.003 min
Response: 2315555
Conc: 19.37 ug/ml

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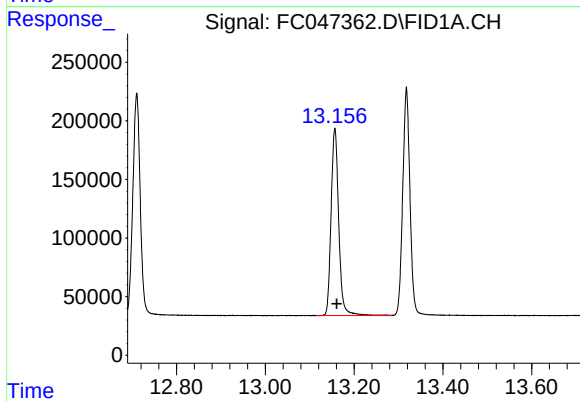
#10 n-Eicosane (C20)

R.T.: 12.710 min
Delta R.T.: -0.005 min
Response: 2201713
Conc: 19.35 ug/ml



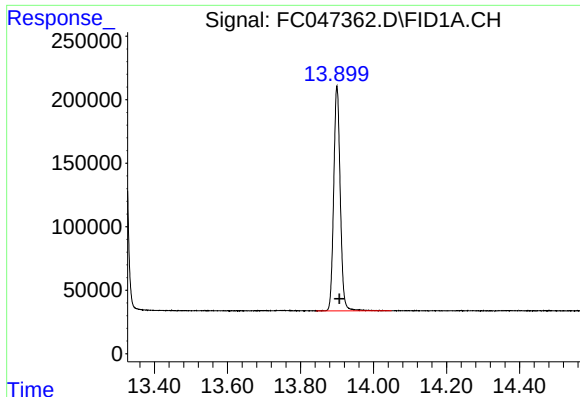
#11 n-Heneicosane (C21)

R.T.: 13.318 min
Delta R.T.: -0.006 min
Response: 2205797
Conc: 19.40 ug/ml



#12 1-chlorooctadecane (SURR)

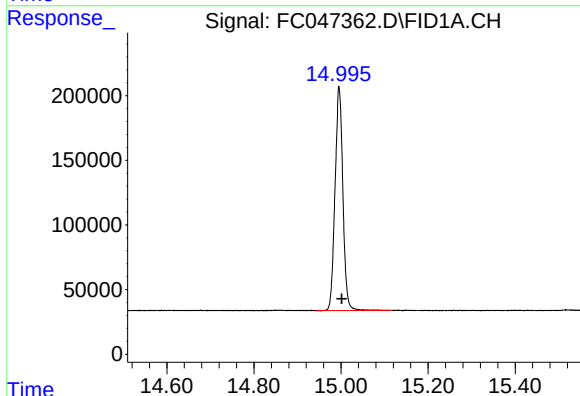
R.T.: 13.157 min
Delta R.T.: -0.004 min
Response: 1907898
Conc: 19.45 ug/ml



#13 n-Docosane (C22)

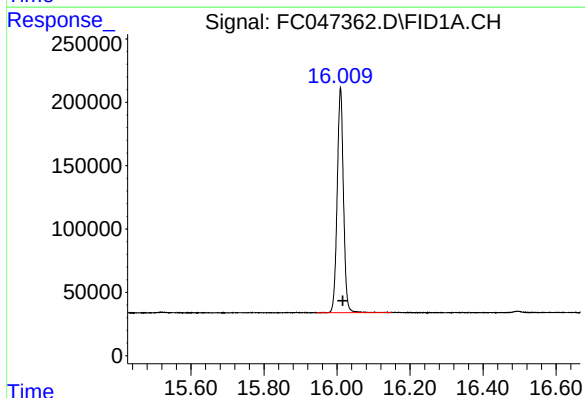
R.T.: 13.900 min
Delta R.T.: -0.006 min
Response: 2195582
Conc: 19.32 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



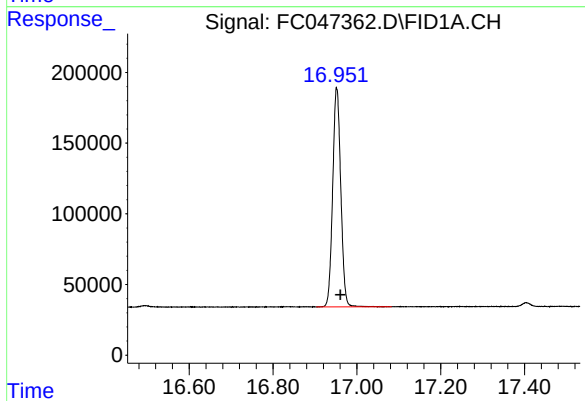
#14 n-Tetracosane (C24)

R.T.: 14.996 min
Delta R.T.: -0.007 min
Response: 2162870
Conc: 19.12 ug/ml



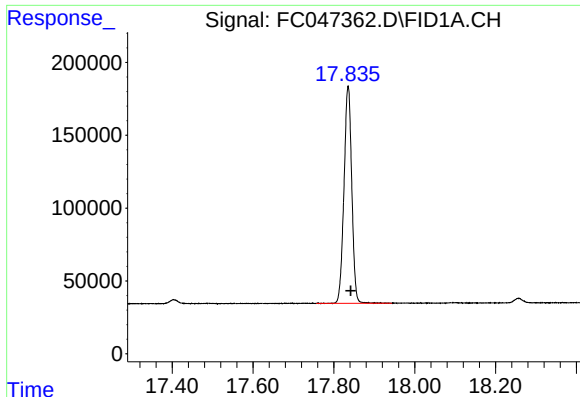
#15 n-Hexacosane (C26)

R.T.: 16.009 min
Delta R.T.: -0.007 min
Response: 2112490
Conc: 18.86 ug/ml



#16 n-Octacosane (C28)

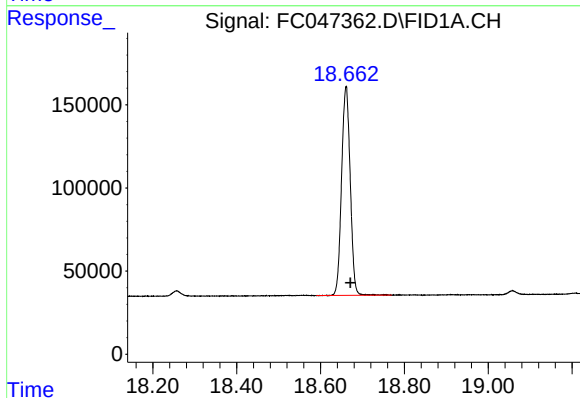
R.T.: 16.952 min
Delta R.T.: -0.009 min
Response: 2075925
Conc: 18.61 ug/ml



#17 n-Tricontane (C30)

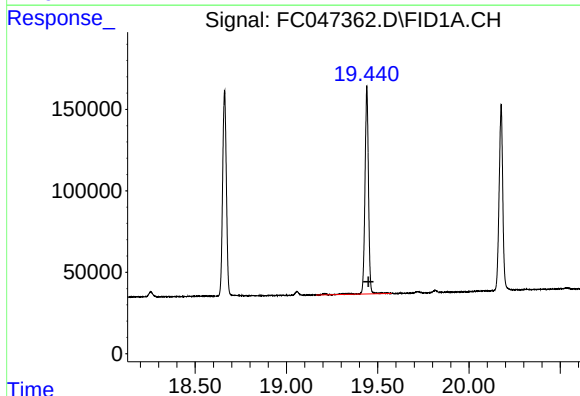
R.T.: 17.835 min
Delta R.T.: -0.007 min
Response: 1986750
Conc: 18.38 ug/ml

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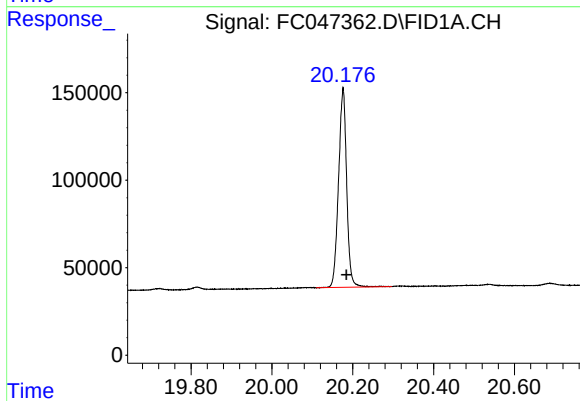
#18 n-Dotriacontane (C32)

R.T.: 18.661 min
Delta R.T.: -0.011 min
Response: 1796537
Conc: 18.22 ug/ml



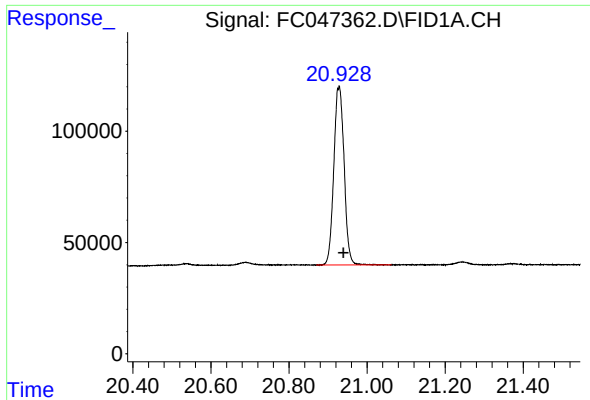
#19 n-Tetratriacontane (C34)

R.T.: 19.440 min
Delta R.T.: -0.008 min
Response: 1701677
Conc: 18.55 ug/ml



#20 n-Hexatriacontane (C36)

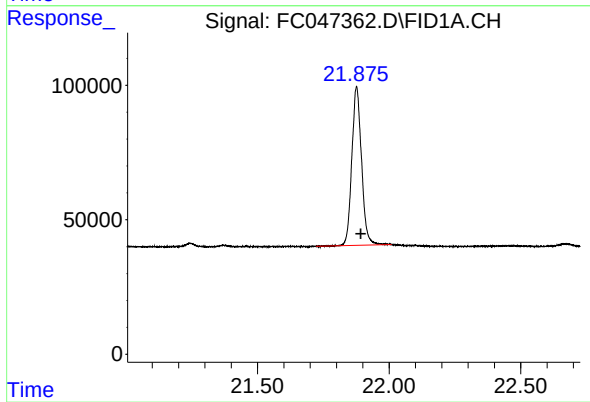
R.T.: 20.175 min
Delta R.T.: -0.009 min
Response: 1586393
Conc: 18.29 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.928 min
Delta R.T.: -0.011 min
Response: 1469870
Conc: 18.22 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.876 min
Delta R.T.: -0.016 min
Response: 1509738
Conc: 18.57 ug/ml