

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052820AL\
 Data File : FC047613.D
 Signal(s) : FID1A.CH
 Acq On : 28 May 2020 10:23
 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 29 02:37:16 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	2218975	18.562 ug/ml
Spiked Amount 50.000		Recovery =	37.12%
12) S 1-chlorooctadecane (S...	13.155	1774304	18.090 ug/ml
Spiked Amount 50.000		Recovery =	36.18%
Target Compounds			
1) T n-Nonane (C9)	3.547	2143099	21.140 ug/ml
2) T n-Decane (C10)	4.610	2165674	21.193 ug/ml
3) T A~Naphthalene (C11.7)	6.208	2130090	20.456 ug/ml
4) T n-Dodecane (C12)	6.611	2195417	20.785 ug/ml
5) T A~2-methylnaphthalene...	7.256	2133784	20.319 ug/ml
6) T n-Tetradecane (C14)	8.389	2147869	20.306 ug/ml
7) T n-Hexadecane (C16)	9.977	2076906	19.629 ug/ml
8) T n-Octadecane (C18)	11.409	2133423	19.052 ug/ml
10) T n-Eicosane (C20)	12.709	2106905	18.516 ug/ml
11) T n-Heneicosane (C21)	13.316	2078651	18.284 ug/ml
13) T n-Docosane (C22)	13.899	2045408	18.000 ug/ml
14) T n-Tetracosane (C24)	14.994	1997717	17.656 ug/ml
15) T n-Hexacosane (C26)	16.009	1945466	17.370 ug/ml
16) T n-Octacosane (C28)	16.953	1938799	17.383 ug/ml
17) T n-Tricontane (C30)	17.835	1914731	17.709 ug/ml
18) T n-Dotriacontane (C32)	18.661	1783954	18.090 ug/ml
19) T n-Tetratriacontane (C34)	19.442	1691151	18.437 ug/ml
20) T n-Hexatriacontane (C36)	20.176	1725904	19.901 ug/ml
21) T n-Octatriacontane (C38)	20.931	1595566	19.775 ug/ml
22) T n-Tetracontane (C40)	21.877	1685273	20.724 ug/ml

(f)=RT Delta > 1/2 Window

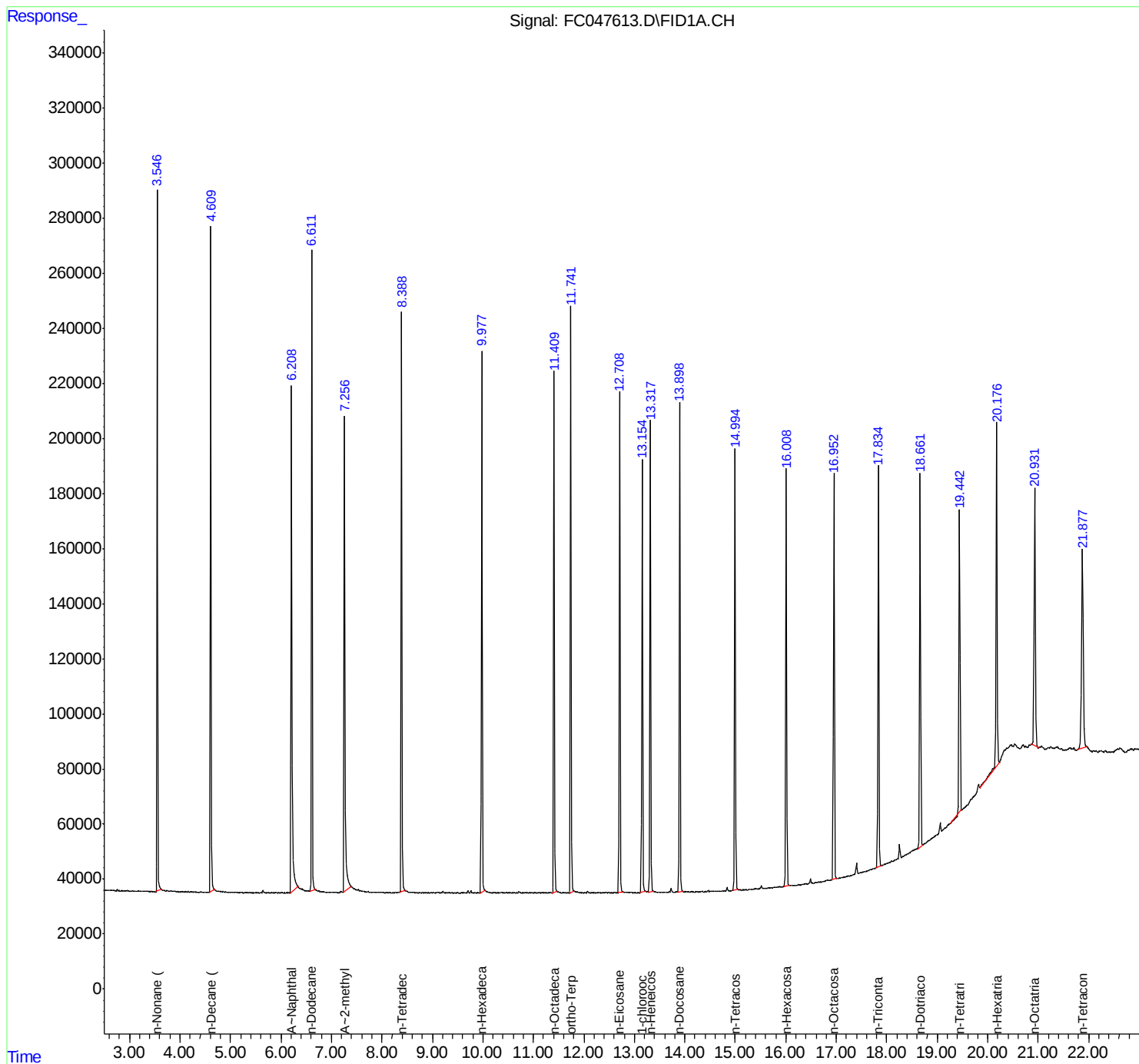
(m)=manual int.

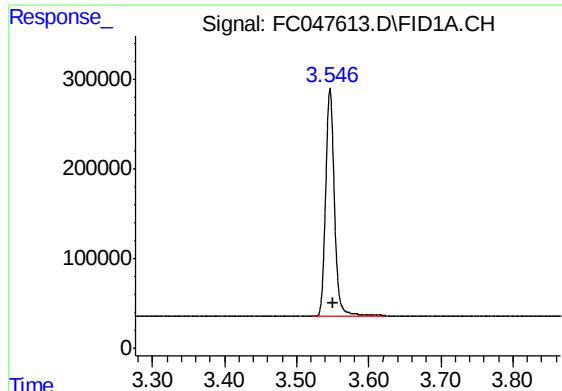
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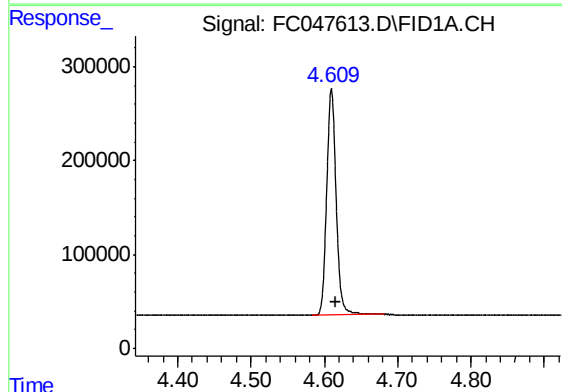




#1 n-Nonane (C9)

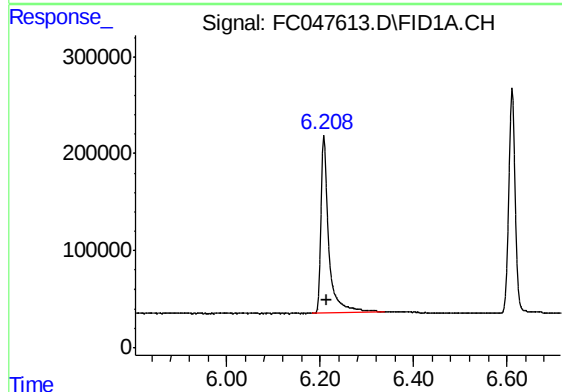
R.T.: 3.547 min
Delta R.T.: -0.003 min
Response: 2143099
Conc: 21.14 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



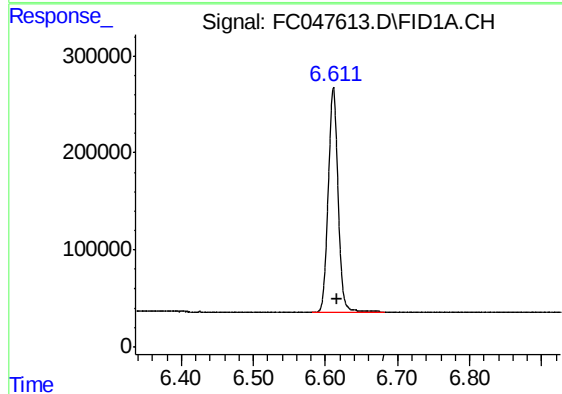
#2 n-Decane (C10)

R.T.: 4.610 min
Delta R.T.: -0.005 min
Response: 2165674
Conc: 21.19 ug/ml



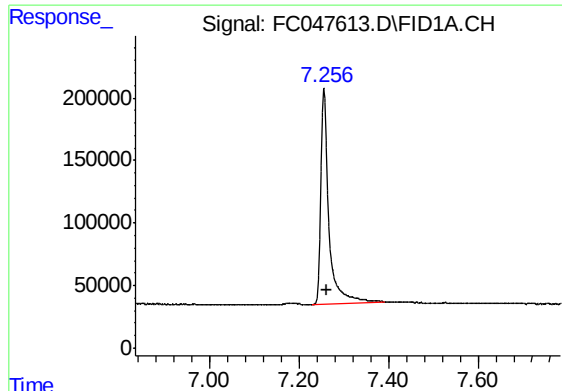
#3 A~Naphthalene (C11.7)

R.T.: 6.208 min
Delta R.T.: -0.007 min
Response: 2130090
Conc: 20.46 ug/ml



#4 n-Dodecane (C12)

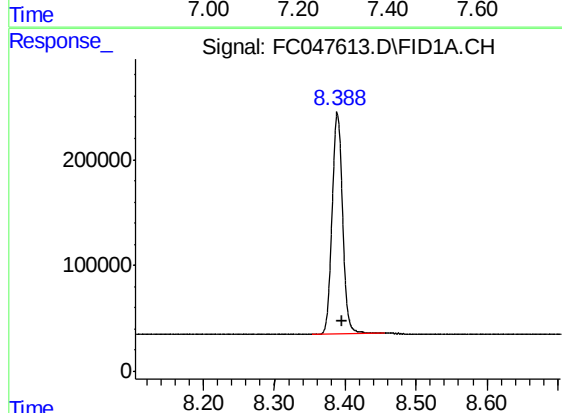
R.T.: 6.611 min
Delta R.T.: -0.006 min
Response: 2195417
Conc: 20.79 ug/ml



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

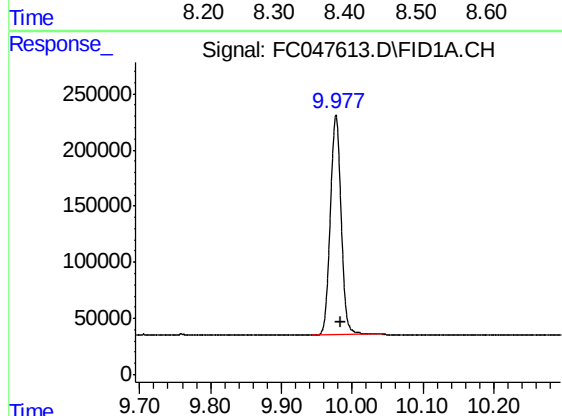
R.T.: 7.256 min
Delta R.T.: -0.007 min
Response: 2133784
Conc: 20.32 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



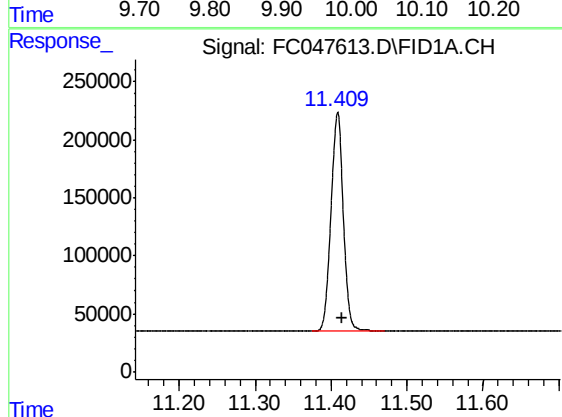
#6 n-Tetradecane (C14)

R.T.: 8.389 min
Delta R.T.: -0.006 min
Response: 2147869
Conc: 20.31 ug/ml



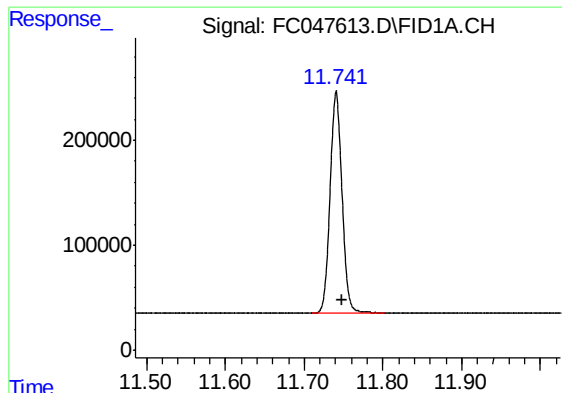
#7 n-Hexadecane (C16)

R.T.: 9.977 min
Delta R.T.: -0.006 min
Response: 2076906
Conc: 19.63 ug/ml



#8 n-Octadecane (C18)

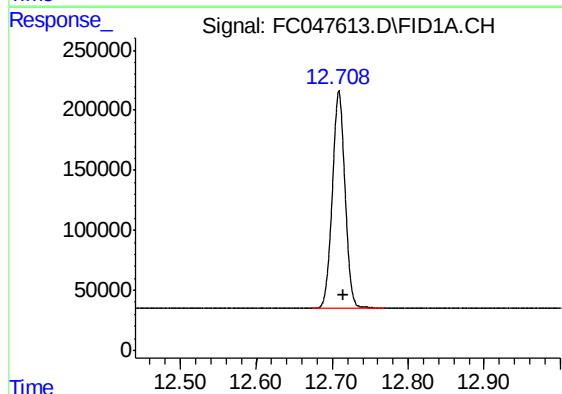
R.T.: 11.409 min
Delta R.T.: -0.006 min
Response: 2133423
Conc: 19.05 ug/ml



#9 ortho-Terphenyl (SURR)

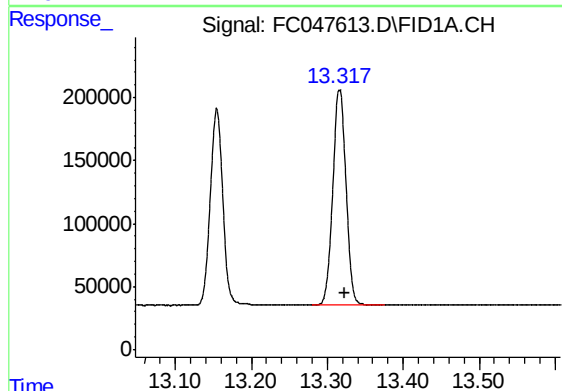
R.T.: 11.741 min
Delta R.T.: -0.007 min
Response: 2218975
Conc: 18.56 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



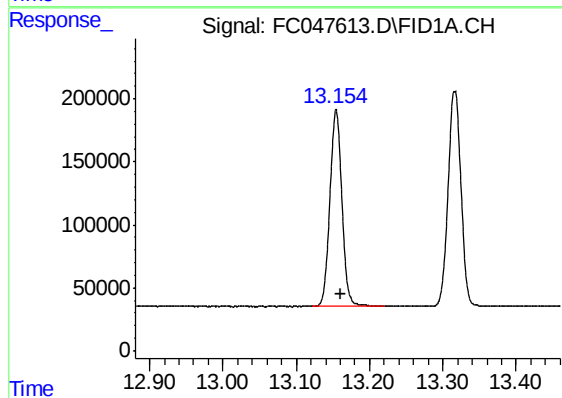
#10 n-Eicosane (C20)

R.T.: 12.709 min
Delta R.T.: -0.006 min
Response: 2106905
Conc: 18.52 ug/ml



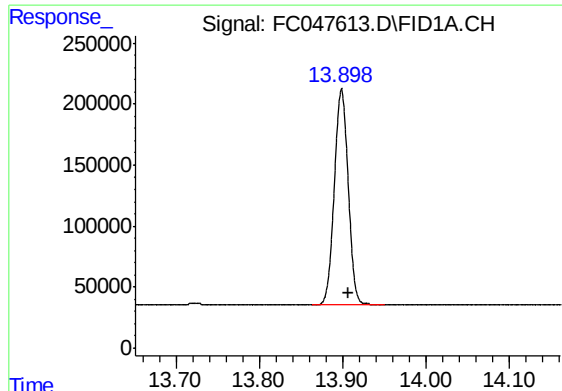
#11 n-Heneicosane (C21)

R.T.: 13.316 min
Delta R.T.: -0.007 min
Response: 2078651
Conc: 18.28 ug/ml



#12 1-chlorooctadecane (SURR)

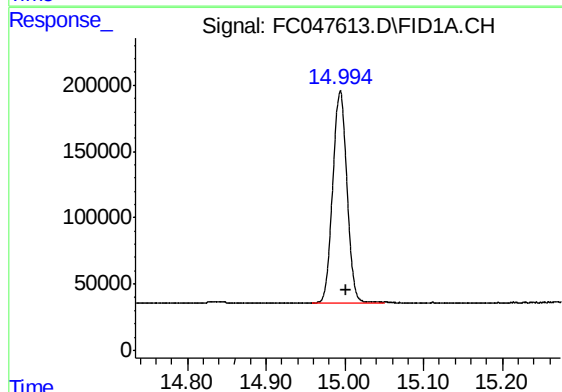
R.T.: 13.155 min
Delta R.T.: -0.006 min
Response: 1774304
Conc: 18.09 ug/ml



#13 n-Docosane (C22)

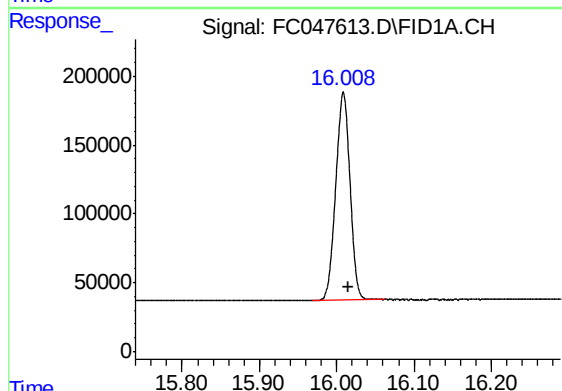
R.T.: 13.899 min
Delta R.T.: -0.008 min
Response: 2045408
Conc: 18.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



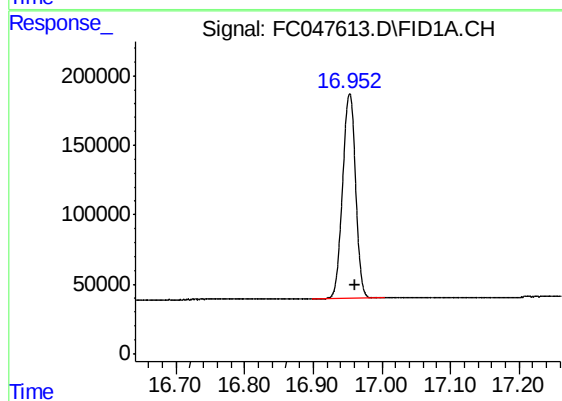
#14 n-Tetracosane (C24)

R.T.: 14.994 min
Delta R.T.: -0.008 min
Response: 1997717
Conc: 17.66 ug/ml



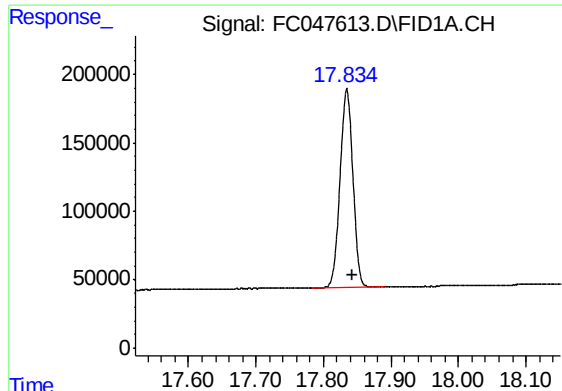
#15 n-Hexacosane (C26)

R.T.: 16.009 min
Delta R.T.: -0.007 min
Response: 1945466
Conc: 17.37 ug/ml



#16 n-Octacosane (C28)

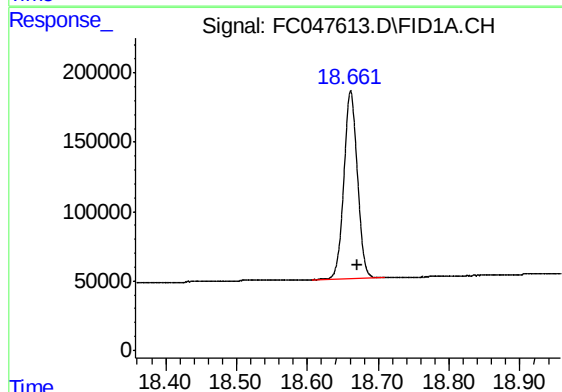
R.T.: 16.953 min
Delta R.T.: -0.008 min
Response: 1938799
Conc: 17.38 ug/ml



#17 n-Tricontane (C30)

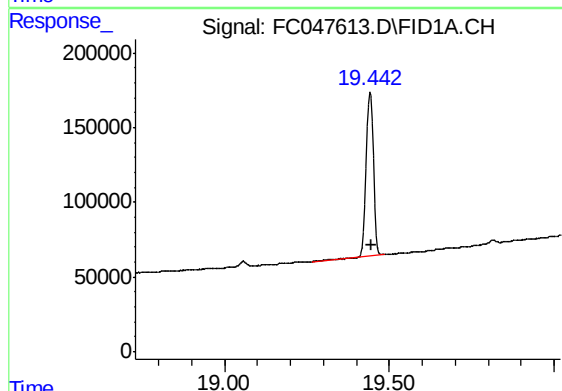
R.T.: 17.835 min
Delta R.T.: -0.007 min
Response: 1914731
Conc: 17.71 ug/ml

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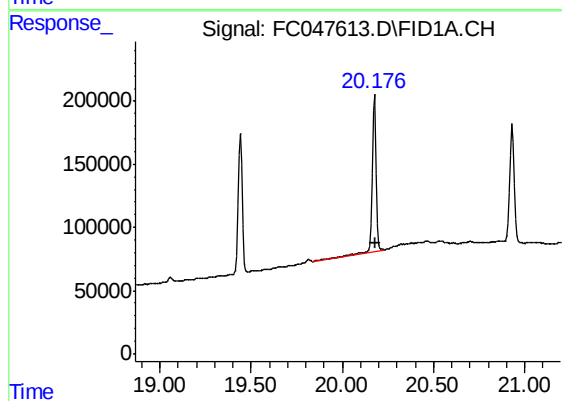
#18 n-Dotriacontane (C32)

R.T.: 18.661 min
Delta R.T.: -0.010 min
Response: 1783954
Conc: 18.09 ug/ml



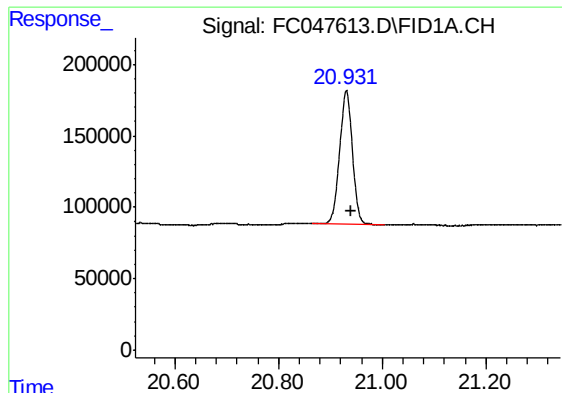
#19 n-Tetratriacontane (C34)

R.T.: 19.442 min
Delta R.T.: -0.006 min
Response: 1691151
Conc: 18.44 ug/ml



#20 n-Hexatriacontane (C36)

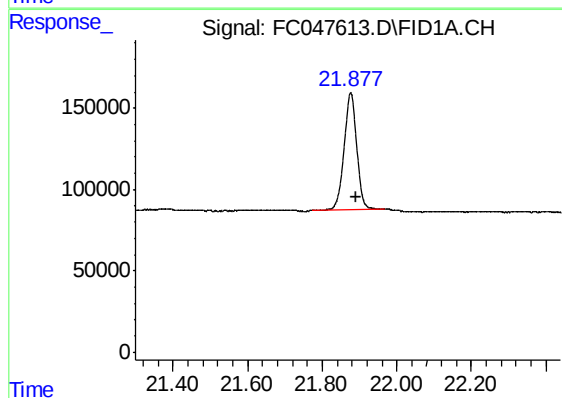
R.T.: 20.176 min
Delta R.T.: -0.008 min
Response: 1725904
Conc: 19.90 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.931 min
Delta R.T.: -0.009 min
Response: 1595566
Conc: 19.77 ug/ml

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FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.877 min
Delta R.T.: -0.016 min
Response: 1685273
Conc: 20.72 ug/ml