

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032919AL\
 Data File : FC040211.D
 Signal(s) : FID1A.CH
 Acq On : 30 Mar 2019 2:00
 Operator : AJ\SJ
 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: Mar 30 03:43:02 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 032319.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 23 13:38:33 2019
 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)	11.028	2778839	21.579 ug/ml
Spiked Amount 50.000		Recovery =	43.16%
12) S 1-chlorooctadecane (S...	12.457	2123172	21.494 ug/ml
Spiked Amount 50.000		Recovery =	42.99%
Target Compounds			
1) T n-Nonane (C9)	2.856	1819639	22.048 ug/ml
2) T n-Decane (C10)	3.879	1922813	22.719 ug/ml
3) T A~Naphthalene (C11.7)	5.454	2300164	23.575 ug/ml
4) T n-Dodecane (C12)	5.874	2032995	23.536 ug/ml
5) T A~2-methylnaphthalene...	6.504	2361607	23.768 ug/ml
6) T n-Tetradecane (C14)	7.666	2126500	23.332 ug/ml
7) T n-Hexadecane (C16)	9.264	2155921	22.431 ug/ml
8) T n-Octadecane (C18)	10.704	2145529	21.389 ug/ml
10) T n-Eicosane (C20)	12.012	2145855	21.085 ug/ml
11) T n-Heneicosane (C21)	12.623	2125119	21.074 ug/ml
13) T n-Docosane (C22)	13.208	2124387	21.134 ug/ml
14) T n-Tetracosane (C24)	14.310	2128322	21.377 ug/ml
15) T n-Hexacosane (C26)	15.328	2133279	21.790 ug/ml
16) T n-Octacosane (C28)	16.277	2170605	22.127 ug/ml
17) T n-Tricontane (C30)	17.164	2168778	22.164 ug/ml
18) T n-Dotriacontane (C32)	17.996	2145954	22.174 ug/ml
19) T n-Tetratriacontane (C34)	18.812	1880820	22.436 ug/ml
20) T n-Hexatriacontane (C36)	19.838	1639792	22.271 ug/ml
21) T n-Octatriacontane (C38)	21.222	1559163	22.564 ug/ml
22) T n-Tetracontane (C40)	23.146	1445339	21.322 ug/ml

(f)=RT Delta > 1/2 Window

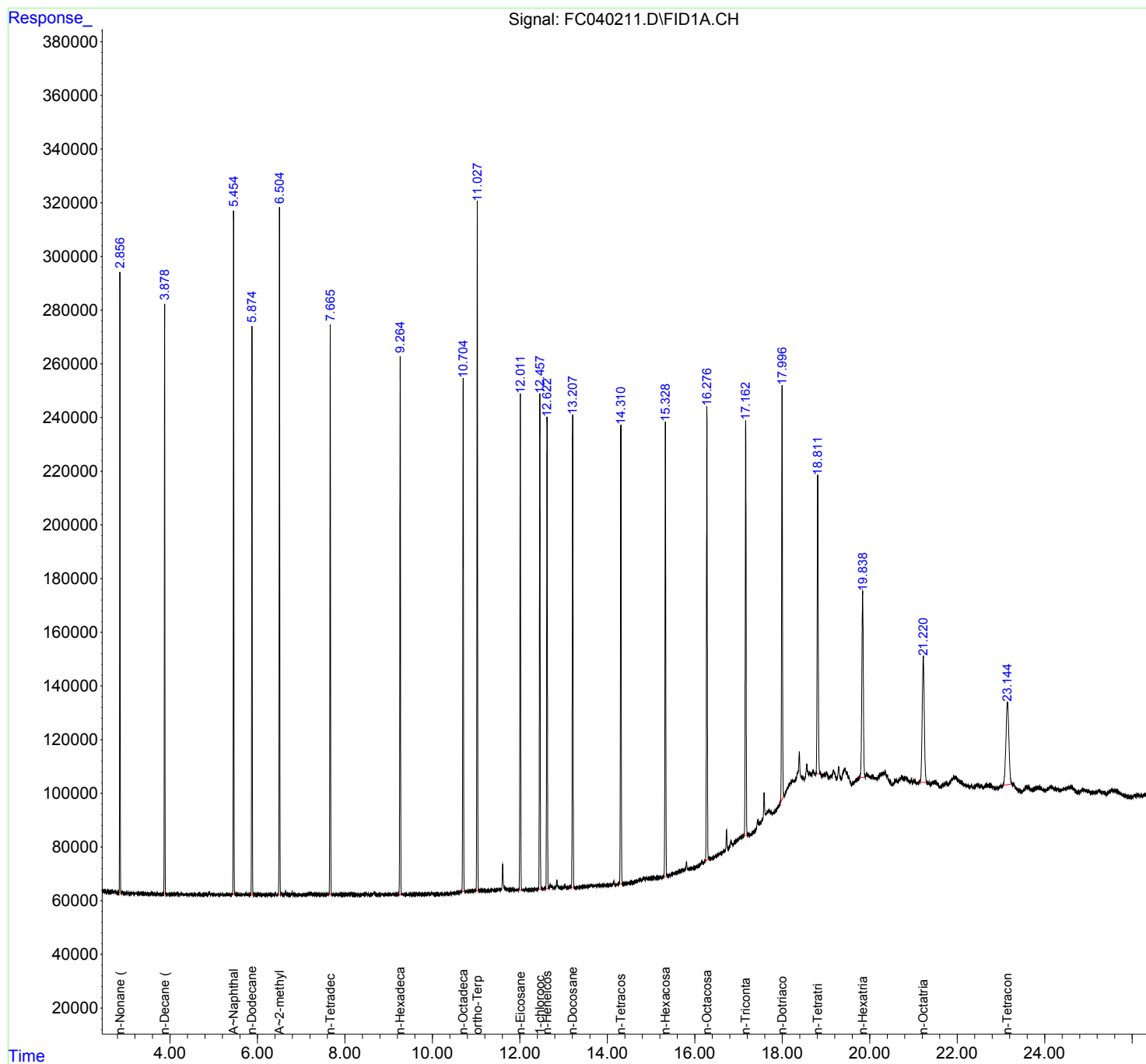
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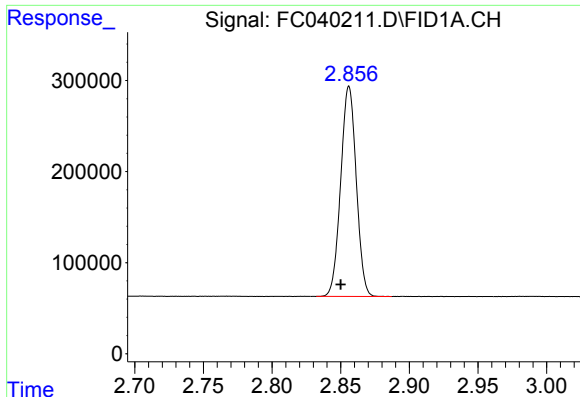
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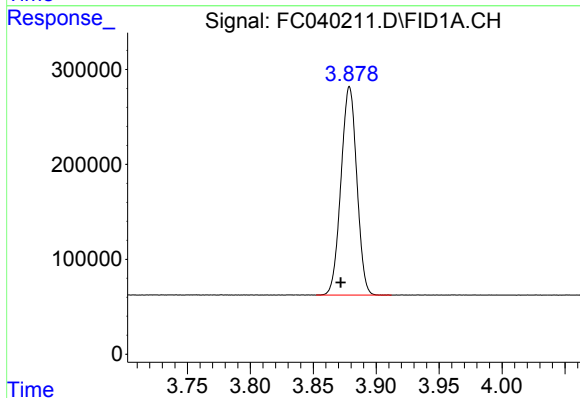




#1 n-Nonane (C9)

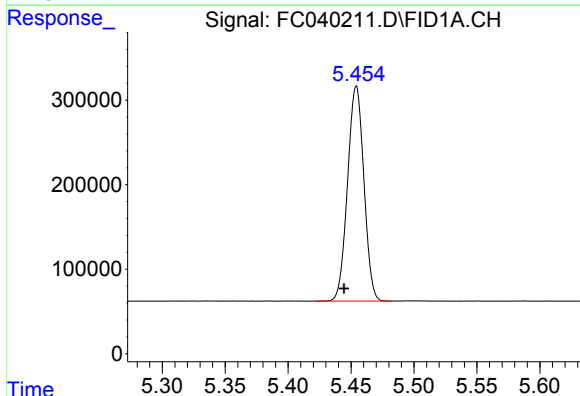
R.T.: 2.856 min
Delta R.T.: 0.006 min
Response: 1819639
Conc: 22.05 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



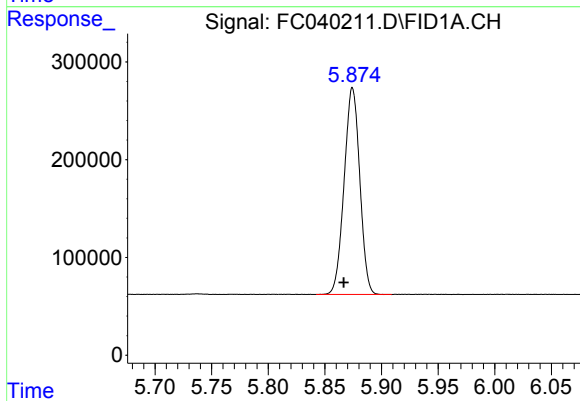
#2 n-Decane (C10)

R.T.: 3.879 min
Delta R.T.: 0.007 min
Response: 1922813
Conc: 22.72 ug/ml



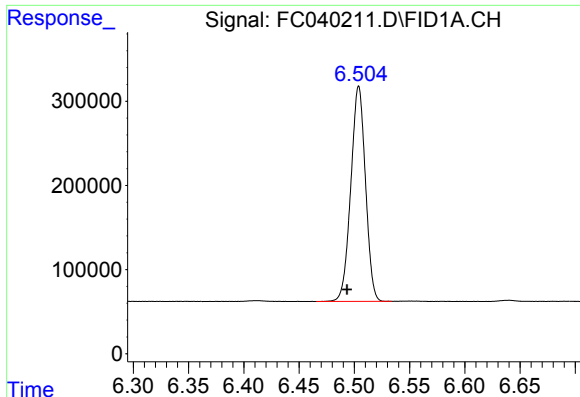
#3 A~Naphthalene (C11.7)

R.T.: 5.454 min
Delta R.T.: 0.010 min
Response: 2300164
Conc: 23.57 ug/ml



#4 n-Dodecane (C12)

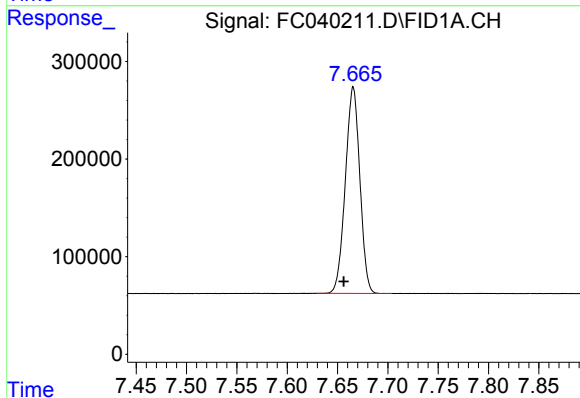
R.T.: 5.874 min
Delta R.T.: 0.008 min
Response: 2032995
Conc: 23.54 ug/ml



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

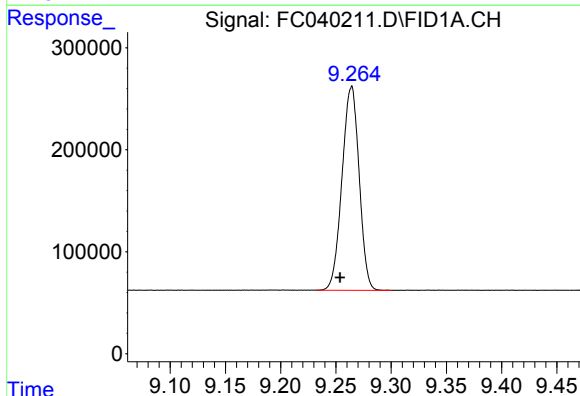
R.T.: 6.504 min
Delta R.T.: 0.011 min
Response: 2361607
Conc: 23.77 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



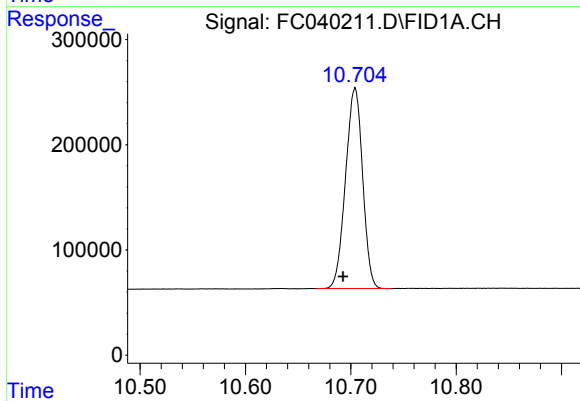
#6 n-Tetradecane (C14)

R.T.: 7.666 min
Delta R.T.: 0.010 min
Response: 2126500
Conc: 23.33 ug/ml



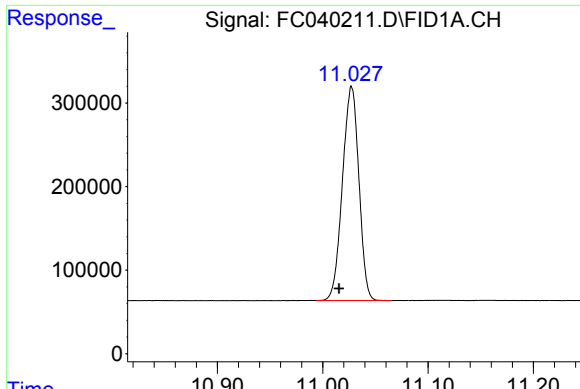
#7 n-Hexadecane (C16)

R.T.: 9.264 min
Delta R.T.: 0.010 min
Response: 2155921
Conc: 22.43 ug/ml



#8 n-Octadecane (C18)

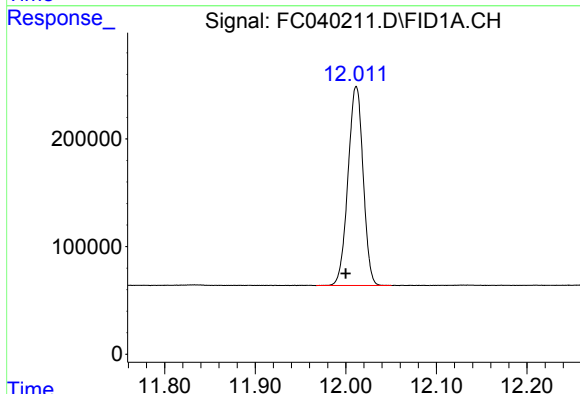
R.T.: 10.704 min
Delta R.T.: 0.011 min
Response: 2145529
Conc: 21.39 ug/ml



#9 ortho-Terphenyl (SURR)

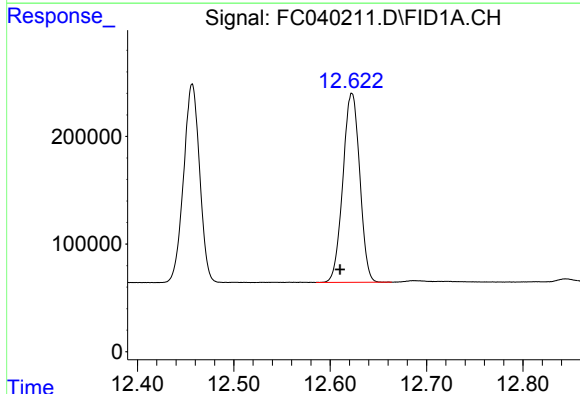
R.T.: 11.028 min
Delta R.T.: 0.012 min
Response: 2778839
Conc: 21.58 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



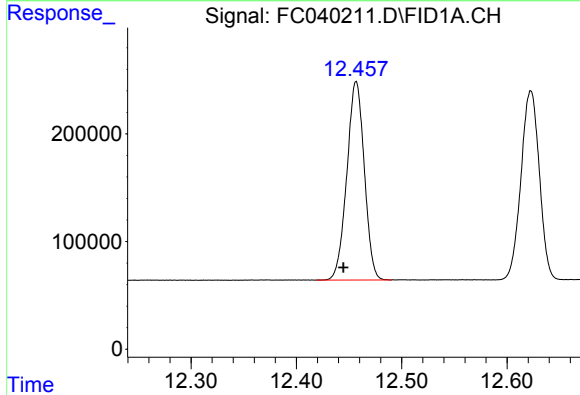
#10 n-Eicosane (C20)

R.T.: 12.012 min
Delta R.T.: 0.012 min
Response: 2145855
Conc: 21.09 ug/ml



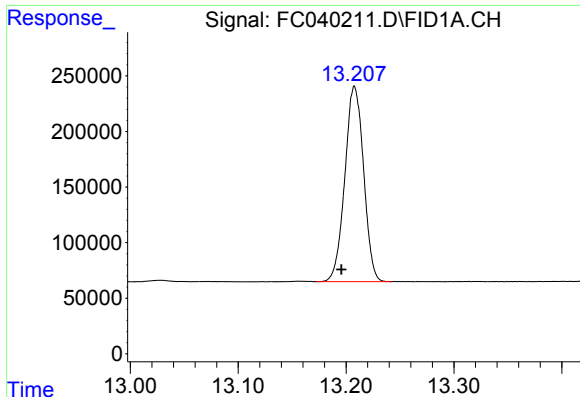
#11 n-Heneicosane (C21)

R.T.: 12.623 min
Delta R.T.: 0.012 min
Response: 2125119
Conc: 21.07 ug/ml



#12 1-chlorooctadecane (SURR)

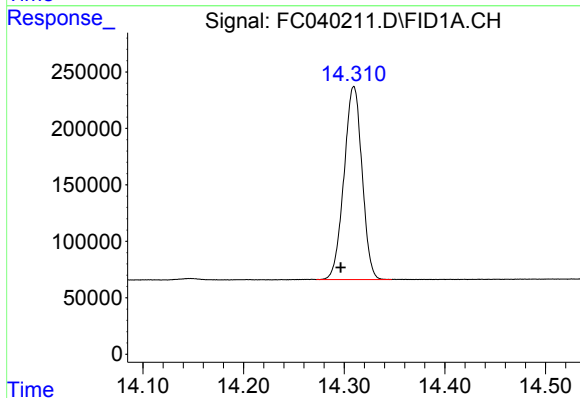
R.T.: 12.457 min
Delta R.T.: 0.012 min
Response: 2123172
Conc: 21.49 ug/ml



#13 n-Docosane (C22)

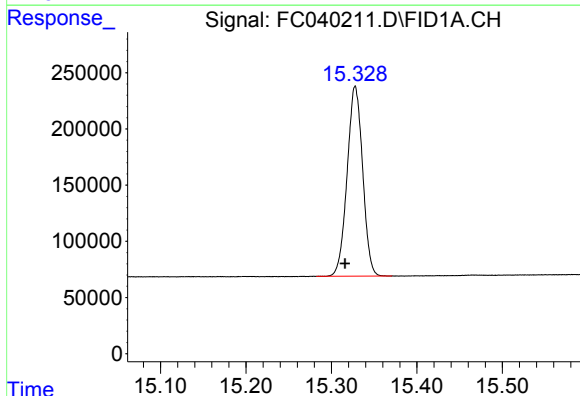
R.T.: 13.208 min
Delta R.T.: 0.012 min
Response: 2124387
Conc: 21.13 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



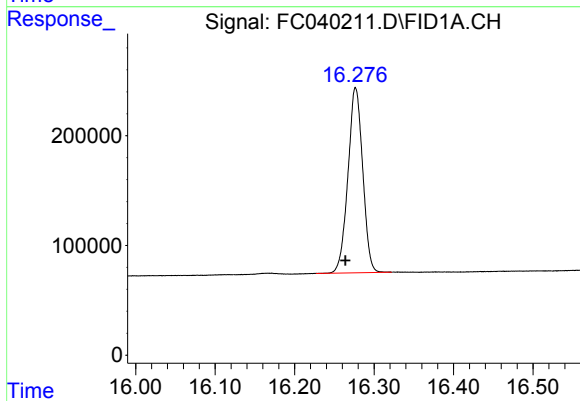
#14 n-Tetracosane (C24)

R.T.: 14.310 min
Delta R.T.: 0.013 min
Response: 2128322
Conc: 21.38 ug/ml



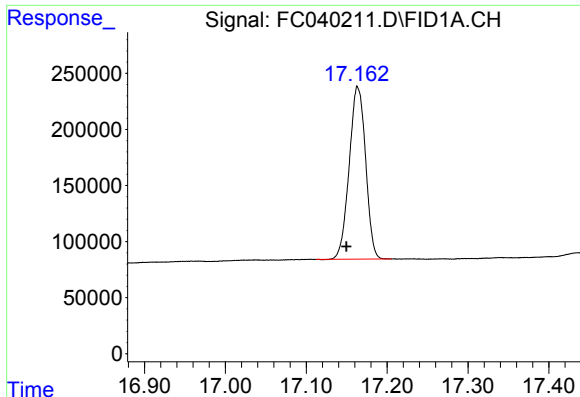
#15 n-Hexacosane (C26)

R.T.: 15.328 min
Delta R.T.: 0.012 min
Response: 2133279
Conc: 21.79 ug/ml



#16 n-Octacosane (C28)

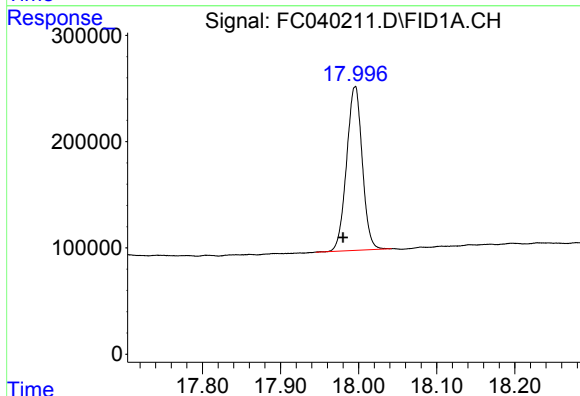
R.T.: 16.277 min
Delta R.T.: 0.013 min
Response: 2170605
Conc: 22.13 ug/ml



#17 n-Tricontane (C30)

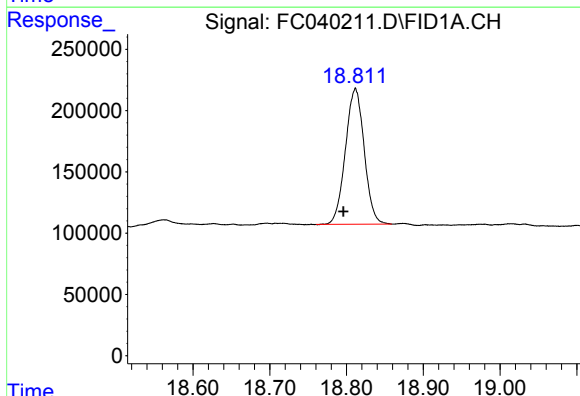
R.T.: 17.164 min
Delta R.T.: 0.014 min
Response: 2168778
Conc: 22.16 ug/ml

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FID_C
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20 PPM ALIPHATIC HC STD



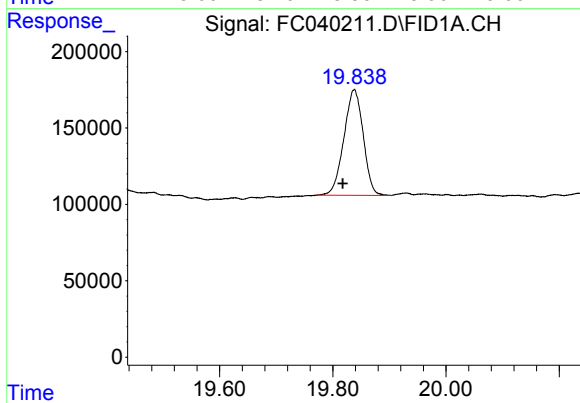
#18 n-Dotriacontane (C32)

R.T.: 17.996 min
Delta R.T.: 0.015 min
Response: 2145954
Conc: 22.17 ug/ml



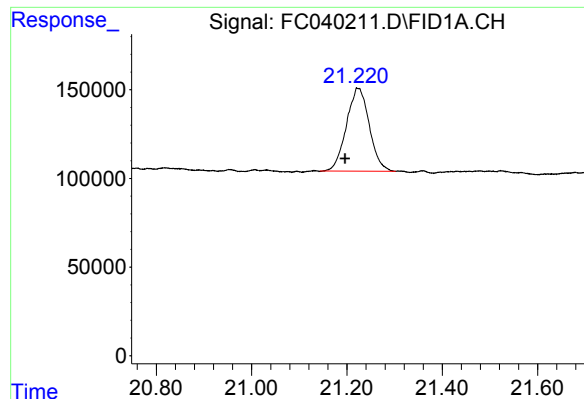
#19 n-Tetratriacontane (C34)

R.T.: 18.812 min
Delta R.T.: 0.016 min
Response: 1880820
Conc: 22.44 ug/ml



#20 n-Hexatriacontane (C36)

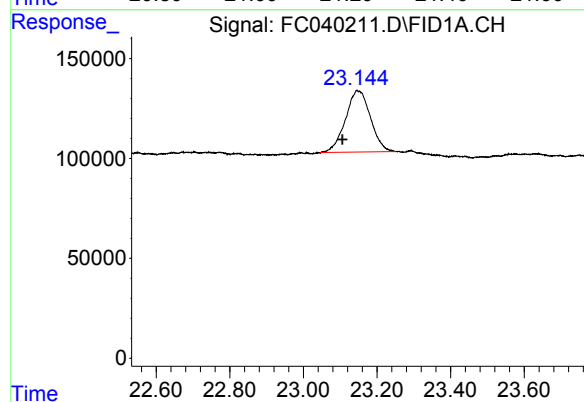
R.T.: 19.838 min
Delta R.T.: 0.020 min
Response: 1639792
Conc: 22.27 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.222 min
Delta R.T.: 0.026 min
Response: 1559163
Conc: 22.56 ug/ml

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FID_C
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#22 n-Tetracontane (C40)

R.T.: 23.146 min
Delta R.T.: 0.039 min
Response: 1445339
Conc: 21.32 ug/ml