

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032221AL\
 Data File : FC052611.D
 Signal(s) : FID1A.CH
 Acq On : 22 Mar 2021 15:30
 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: Mar 23 01:42:49 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 031721.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 17 03:47:28 2021
 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)	11.564	2718329	20.280 ug/ml
Spiked Amount 50.000		Recovery =	40.56%
12) S 1-chlorooctadecane (S...	13.001	2138034	19.823 ug/ml
Spiked Amount 50.000		Recovery =	39.65%
Target Compounds			
1) T n-Nonane (C9)	3.325	2461036	21.189 ug/ml
2) T n-Decane (C10)	4.391	2492951	21.274 ug/ml
3) T A~Naphthalene (C11.7)	5.975	2777174	21.212 ug/ml
4) T n-Dodecane (C12)	6.410	2564936	21.363 ug/ml
5) T A~2-methylnaphthalene...	7.032	2843331	21.241 ug/ml
6) T n-Tetradecane (C14)	8.206	2576856	21.306 ug/ml
7) T n-Hexadecane (C16)	9.806	2524992	20.994 ug/ml
8) T n-Octadecane (C18)	11.247	2605882	20.654 ug/ml
10) T n-Eicosane (C20)	12.557	2563546	20.076 ug/ml
11) T n-Heneicosane (C21)	13.168	2517897	19.809 ug/ml
13) T n-Docosane (C22)	13.753	2470200	19.499 ug/ml
14) T n-Tetracosane (C24)	14.856	2353919	18.843 ug/ml
15) T n-Hexacosane (C26)	15.877	2209644	18.351 ug/ml
16) T n-Octacosane (C28)	16.826	2079419	18.036 ug/ml
17) T n-Tricontane (C30)	17.713	1986269	18.231 ug/ml
18) T n-Dotriacontane (C32)	18.543	1894971	18.886 ug/ml
19) T n-Tetratriacontane (C34)	19.326	1854211	20.172 ug/ml
20) T n-Hexatriacontane (C36)	20.063	1808283	19.830 ug/ml
21) T n-Octatriacontane (C38)	20.797	1753196	21.481 ug/ml
22) T n-Tetracontane (C40)	21.696	1833965	21.291 ug/ml

(f)=RT Delta > 1/2 Window

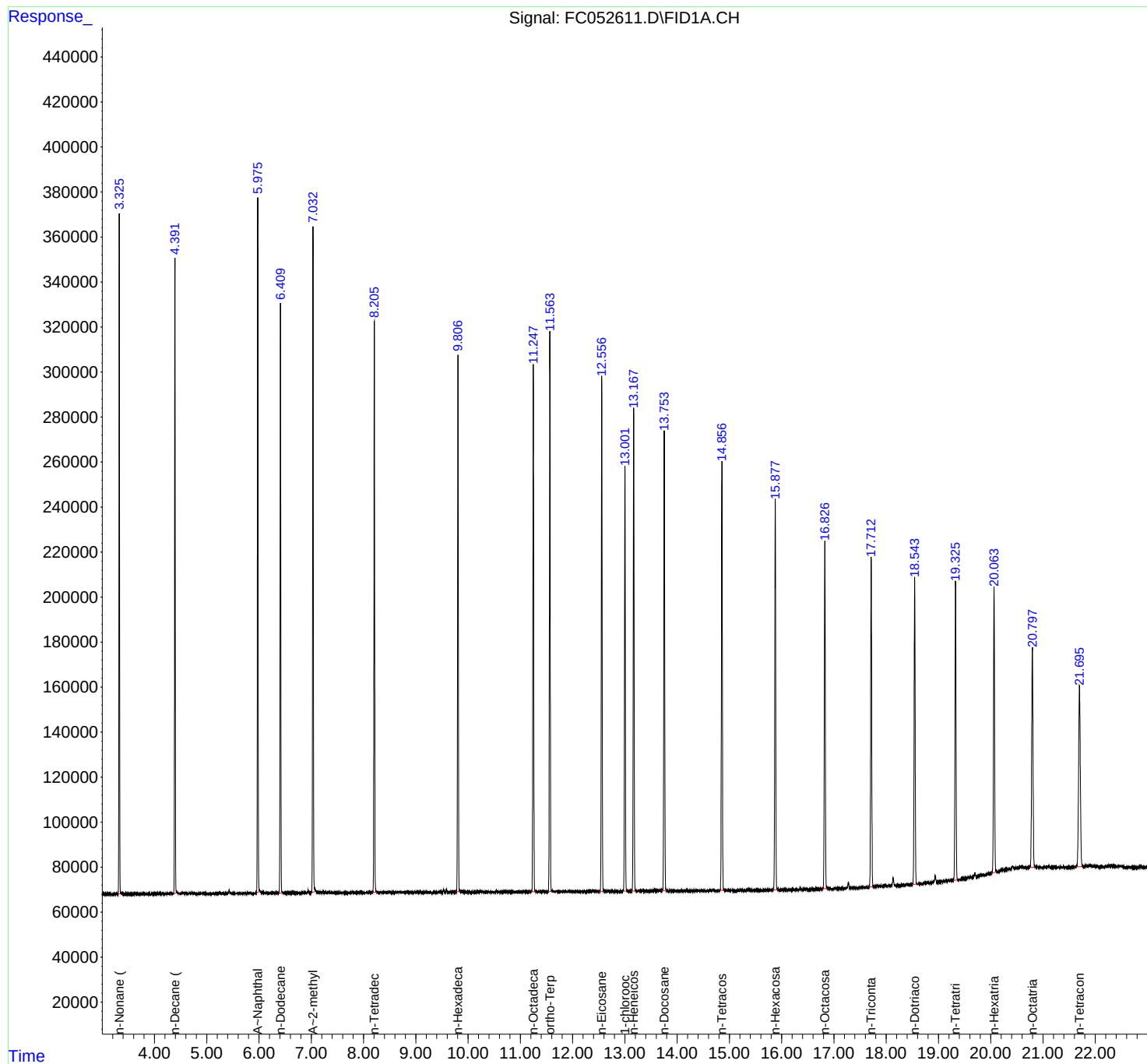
(m)=manual int.

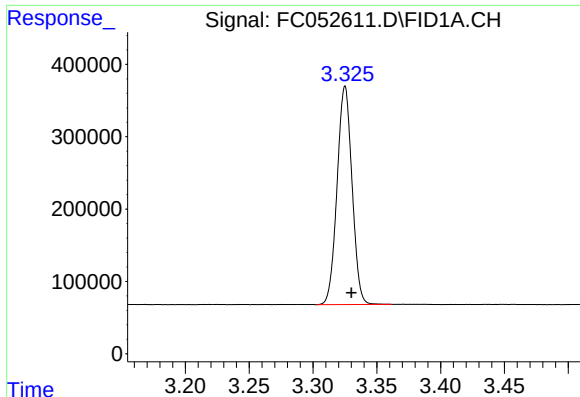
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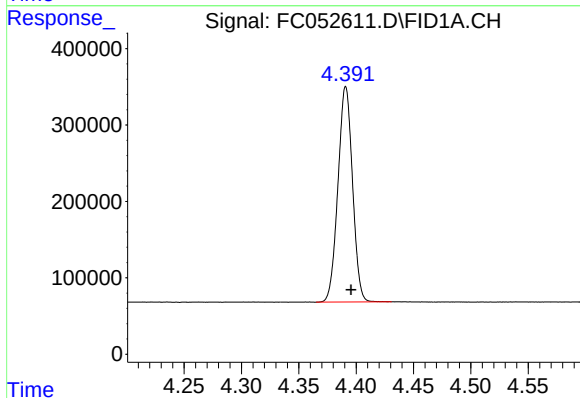




#1 n-Nonane (C9)

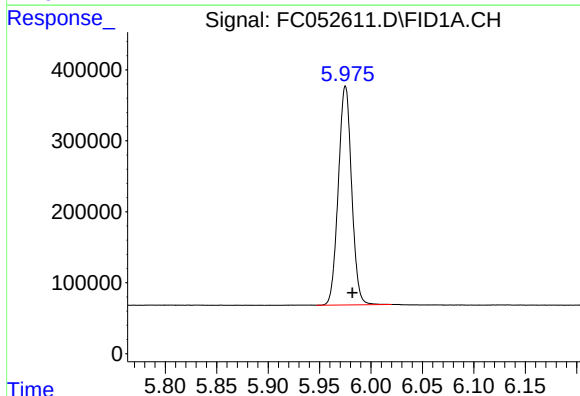
R.T.: 3.325 min
Delta R.T.: -0.005 min
Response: 2461036
Conc: 21.19 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



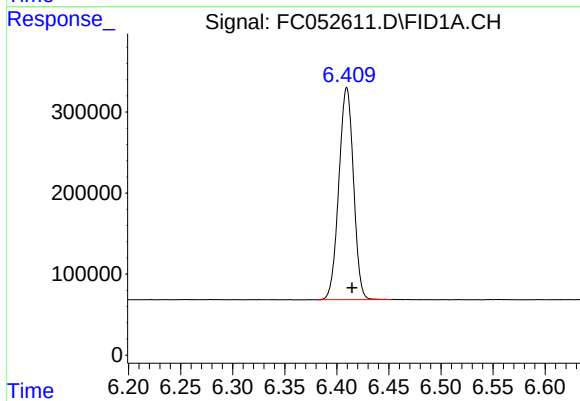
#2 n-Decane (C10)

R.T.: 4.391 min
Delta R.T.: -0.005 min
Response: 2492951
Conc: 21.27 ug/ml



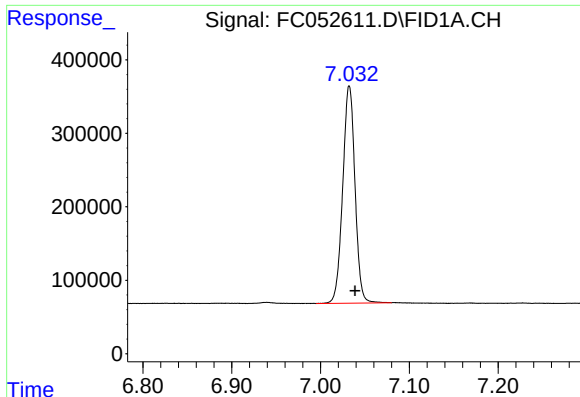
#3 A~Naphthalene (C11.7)

R.T.: 5.975 min
Delta R.T.: -0.007 min
Response: 2777174
Conc: 21.21 ug/ml



#4 n-Dodecane (C12)

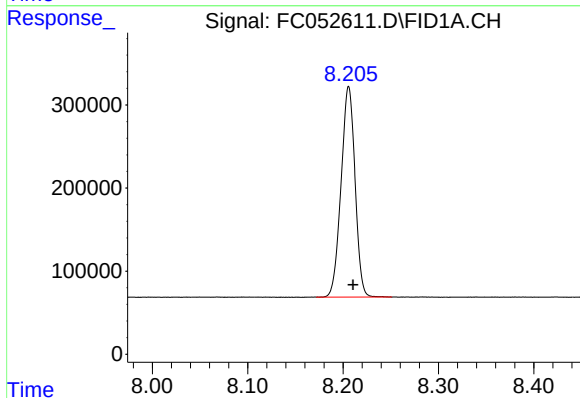
R.T.: 6.410 min
Delta R.T.: -0.005 min
Response: 2564936
Conc: 21.36 ug/ml



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

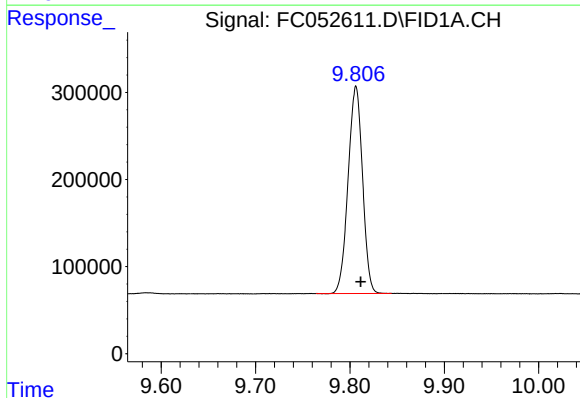
R.T.: 7.032 min
Delta R.T.: -0.006 min
Response: 2843331
Conc: 21.24 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



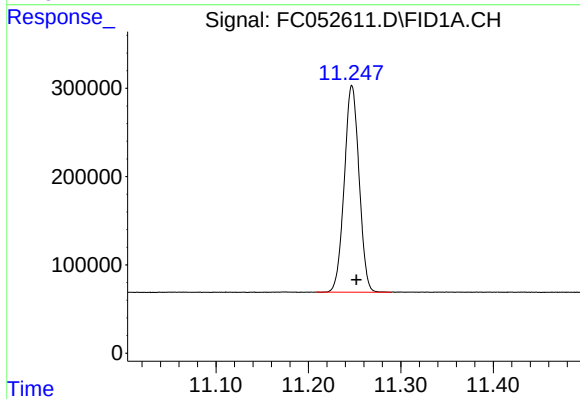
#6 n-Tetradecane (C14)

R.T.: 8.206 min
Delta R.T.: -0.005 min
Response: 2576856
Conc: 21.31 ug/ml



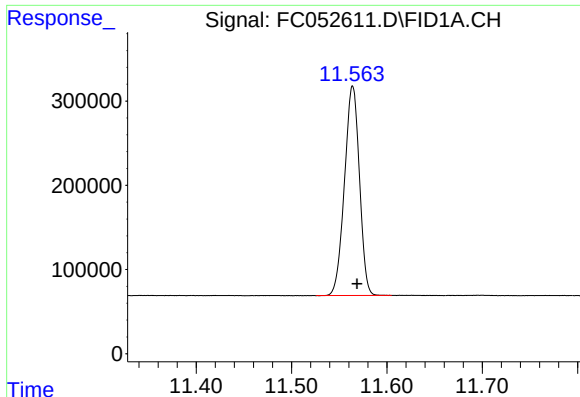
#7 n-Hexadecane (C16)

R.T.: 9.806 min
Delta R.T.: -0.005 min
Response: 2524992
Conc: 20.99 ug/ml



#8 n-Octadecane (C18)

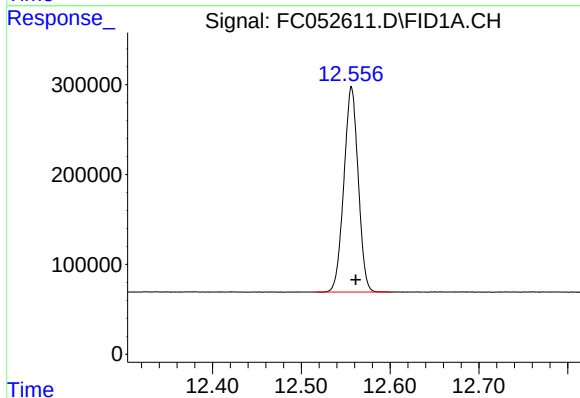
R.T.: 11.247 min
Delta R.T.: -0.005 min
Response: 2605882
Conc: 20.65 ug/ml



#9 ortho-Terphenyl (SURR)

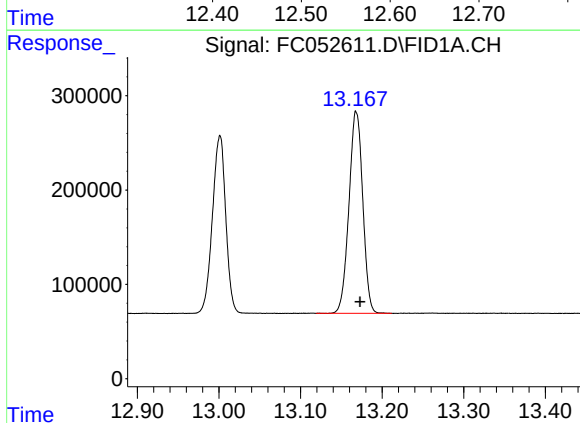
R.T.: 11.564 min
Delta R.T.: -0.004 min
Response: 2718329
Conc: 20.28 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



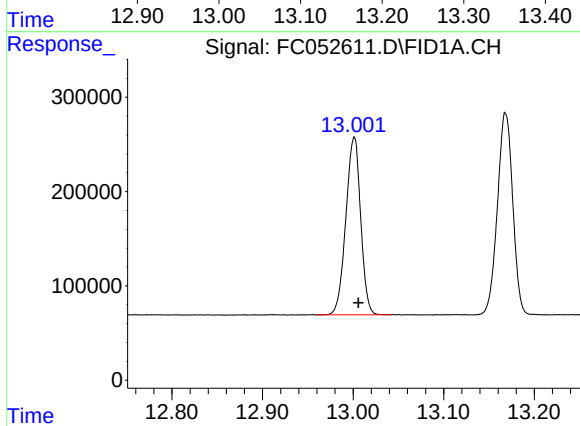
#10 n-Eicosane (C20)

R.T.: 12.557 min
Delta R.T.: -0.005 min
Response: 2563546
Conc: 20.08 ug/ml



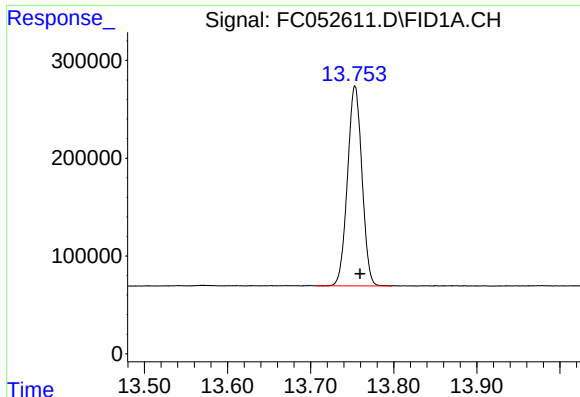
#11 n-Heneicosane (C21)

R.T.: 13.168 min
Delta R.T.: -0.005 min
Response: 2517897
Conc: 19.81 ug/ml



#12 1-chlorooctadecane (SURR)

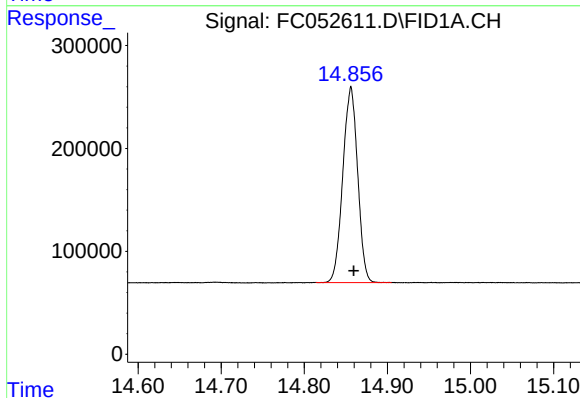
R.T.: 13.001 min
Delta R.T.: -0.005 min
Response: 2138034
Conc: 19.82 ug/ml



#13 n-Docosane (C22)

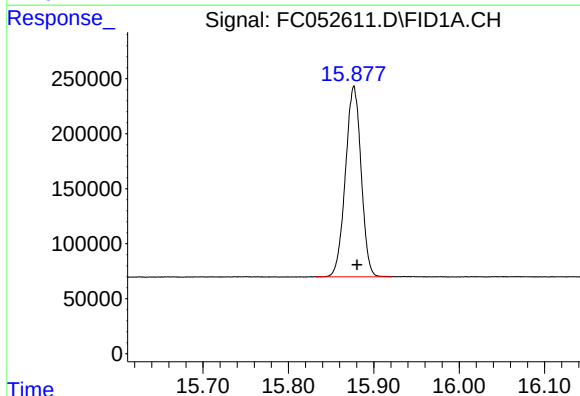
R.T.: 13.753 min
Delta R.T.: -0.006 min
Response: 2470200
Conc: 19.50 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



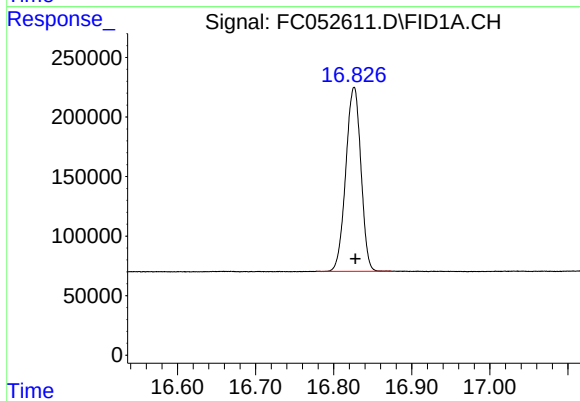
#14 n-Tetracosane (C24)

R.T.: 14.856 min
Delta R.T.: -0.003 min
Response: 2353919
Conc: 18.84 ug/ml



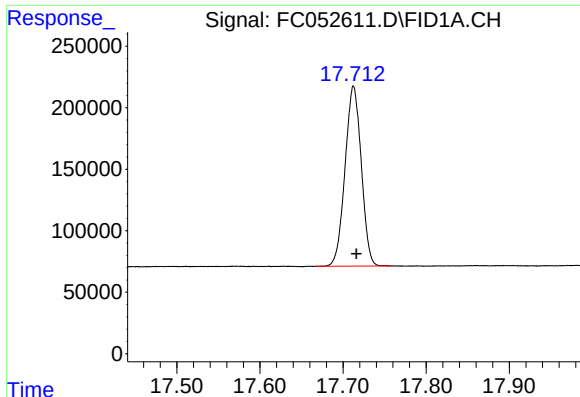
#15 n-Hexacosane (C26)

R.T.: 15.877 min
Delta R.T.: -0.004 min
Response: 2209644
Conc: 18.35 ug/ml



#16 n-Octacosane (C28)

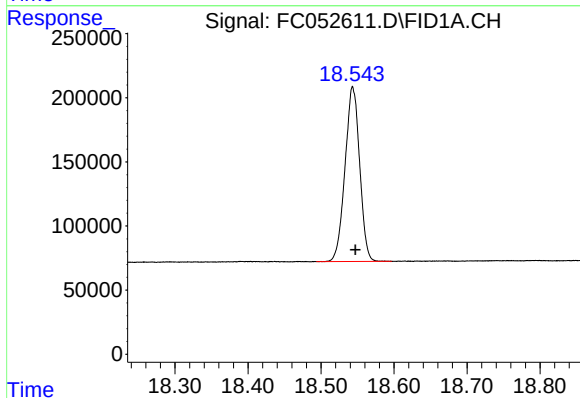
R.T.: 16.826 min
Delta R.T.: -0.002 min
Response: 2079419
Conc: 18.04 ug/ml



#17 n-Tricontane (C30)

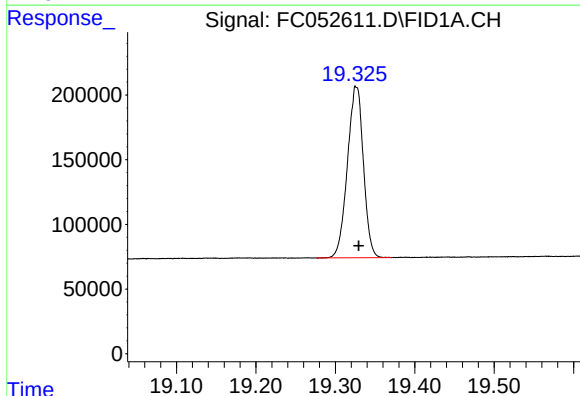
R.T.: 17.713 min
Delta R.T.: -0.003 min
Response: 1986269
Conc: 18.23 ug/ml

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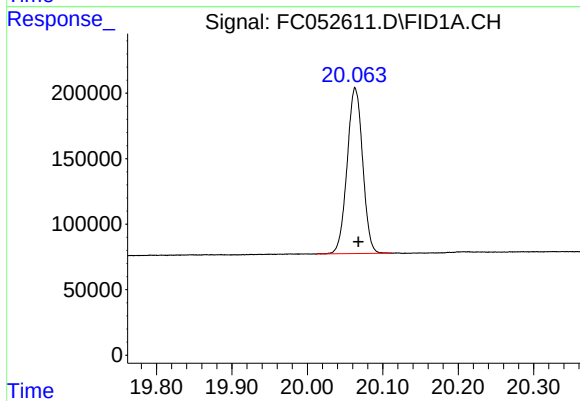
#18 n-Dotriacontane (C32)

R.T.: 18.543 min
Delta R.T.: -0.004 min
Response: 1894971
Conc: 18.89 ug/ml



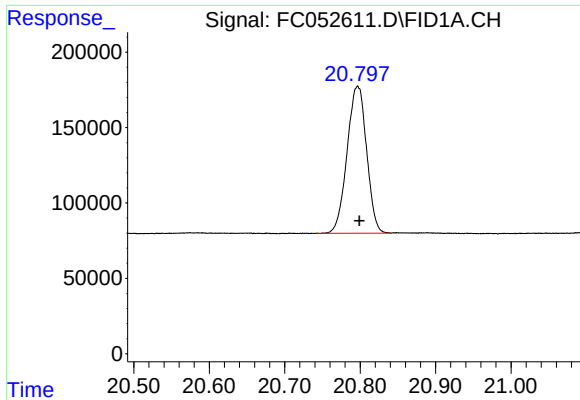
#19 n-Tetratriacontane (C34)

R.T.: 19.326 min
Delta R.T.: -0.003 min
Response: 1854211
Conc: 20.17 ug/ml



#20 n-Hexatriacontane (C36)

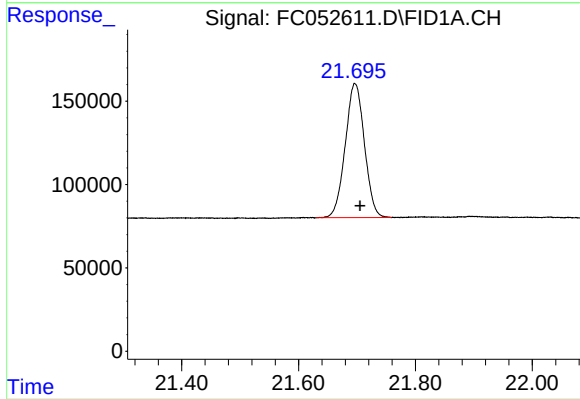
R.T.: 20.063 min
Delta R.T.: -0.004 min
Response: 1808283
Conc: 19.83 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.797 min
Delta R.T.: -0.002 min
Response: 1753196
Conc: 21.48 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.696 min
Delta R.T.: -0.009 min
Response: 1833965
Conc: 21.29 ug/ml