

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031021AL\
 Data File : FC052335.D
 Signal(s) : FID1A.CH
 Acq On : 10 Mar 2021 11:21
 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 11 00:12:59 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 030321.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 04 03:56:17 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)	11.613	2289062	17.358 ug/ml
Spiked Amount 50.000		Recovery =	34.72%
12) S 1-chlorooctadecane (S...	13.051	1780043	17.116 ug/ml
Spiked Amount 50.000		Recovery =	34.23%
Target Compounds			
1) T n-Nonane (C9)	3.354	2199373	18.659 ug/ml
2) T n-Decane (C10)	4.424	2210799	18.615 ug/ml
3) T A~Naphthalene (C11.7)	6.016	2475267	18.642 ug/ml
4) T n-Dodecane (C12)	6.447	2248555	18.600 ug/ml
5) T A~2-methylnaphthalene...	7.075	2516137	18.537 ug/ml
6) T n-Tetradecane (C14)	8.246	2236307	18.445 ug/ml
7) T n-Hexadecane (C16)	9.850	2180666	18.225 ug/ml
8) T n-Octadecane (C18)	11.294	2217443	17.913 ug/ml
10) T n-Eicosane (C20)	12.606	2151842	17.464 ug/ml
11) T n-Heneicosane (C21)	13.218	2103337	17.230 ug/ml
13) T n-Docosane (C22)	13.805	2049170	17.031 ug/ml
14) T n-Tetracosane (C24)	14.908	1936537	16.611 ug/ml
15) T n-Hexacosane (C26)	15.930	1818495	16.554 ug/ml
16) T n-Octacosane (C28)	16.881	1743984	17.014 ug/ml
17) T n-Tricontane (C30)	17.767	1703734	18.098 ug/ml
18) T n-Dotriacontane (C32)	18.599	1648888	19.312 ug/ml
19) T n-Tetratriacontane (C34)	19.381	1632202	21.053 ug/ml
20) T n-Hexatriacontane (C36)	20.122	1585960	22.071 ug/ml
21) T n-Octatriacontane (C38)	20.864	1468349	21.435 ug/ml
22) T n-Tetracontane (C40)	21.790	1701221	23.658 ug/ml

(f)=RT Delta > 1/2 Window

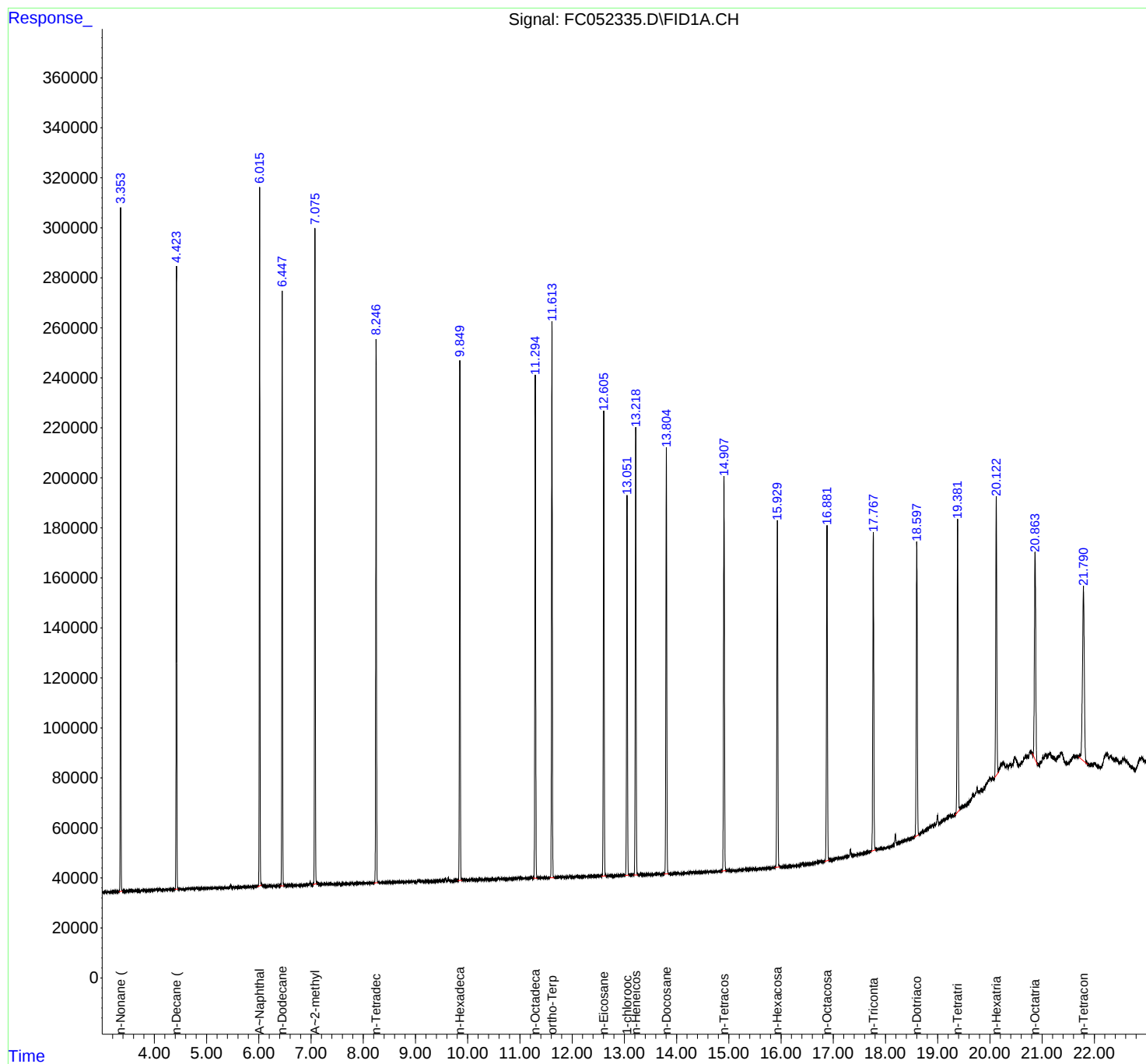
(m)=manual int.

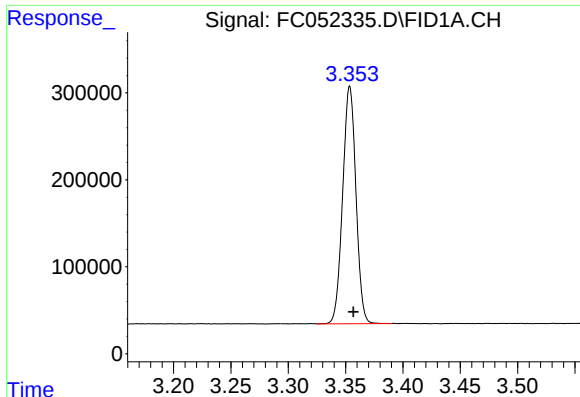
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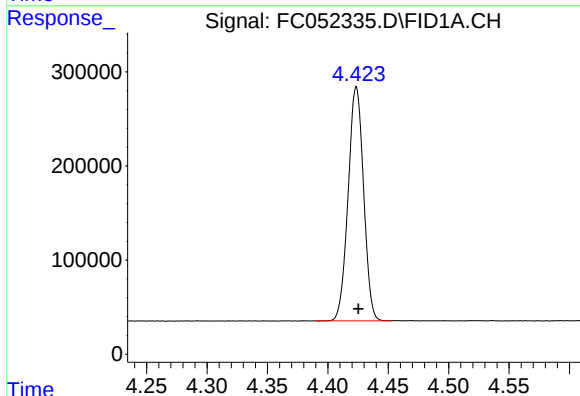




#1 n-Nonane (C9)

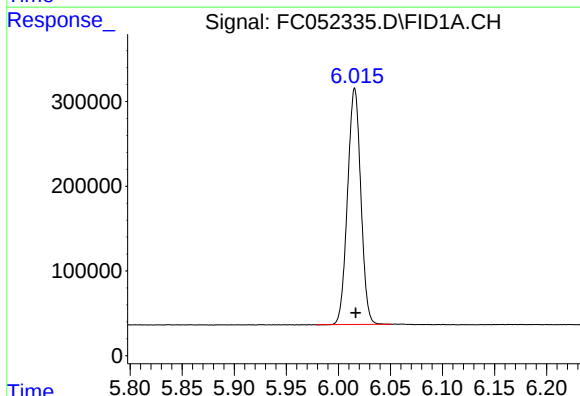
R.T.: 3.354 min
Delta R.T.: -0.003 min
Response: 2199373
Conc: 18.66 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



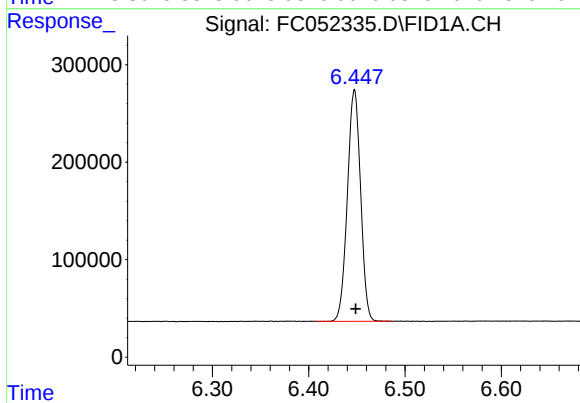
#2 n-Decane (C10)

R.T.: 4.424 min
Delta R.T.: -0.002 min
Response: 2210799
Conc: 18.61 ug/ml



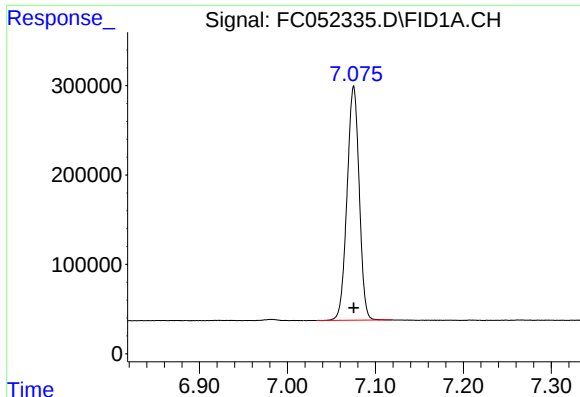
#3 A~Naphthalene (C11.7)

R.T.: 6.016 min
Delta R.T.: -0.001 min
Response: 2475267
Conc: 18.64 ug/ml



#4 n-Dodecane (C12)

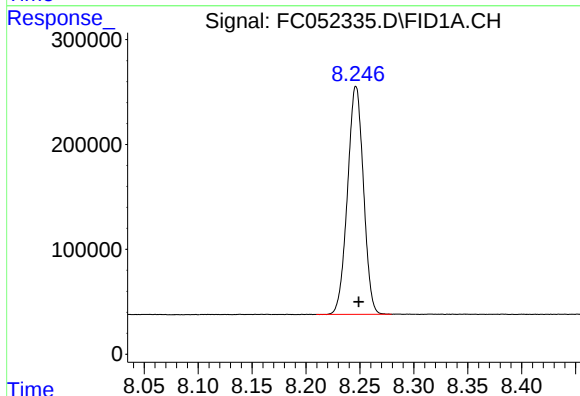
R.T.: 6.447 min
Delta R.T.: -0.001 min
Response: 2248555
Conc: 18.60 ug/ml



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

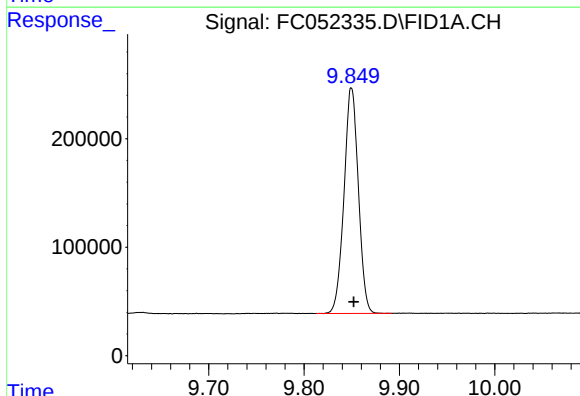
R.T.: 7.075 min
Delta R.T.: 0.000 min
Response: 2516137
Conc: 18.54 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



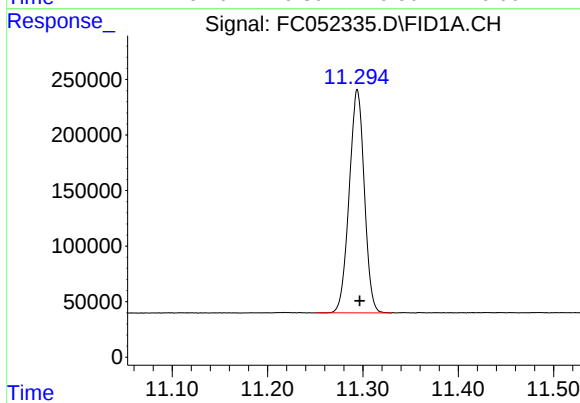
#6 n-Tetradecane (C14)

R.T.: 8.246 min
Delta R.T.: -0.003 min
Response: 2236307
Conc: 18.44 ug/ml



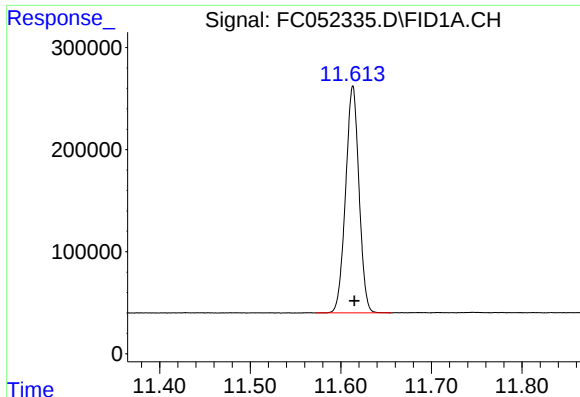
#7 n-Hexadecane (C16)

R.T.: 9.850 min
Delta R.T.: -0.002 min
Response: 2180666
Conc: 18.23 ug/ml



#8 n-Octadecane (C18)

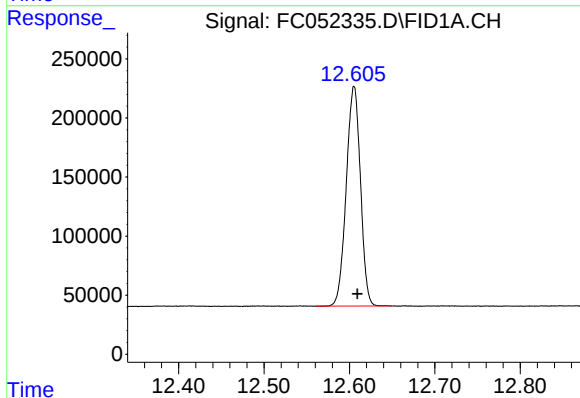
R.T.: 11.294 min
Delta R.T.: -0.002 min
Response: 2217443
Conc: 17.91 ug/ml



#9 ortho-Terphenyl (SURR)

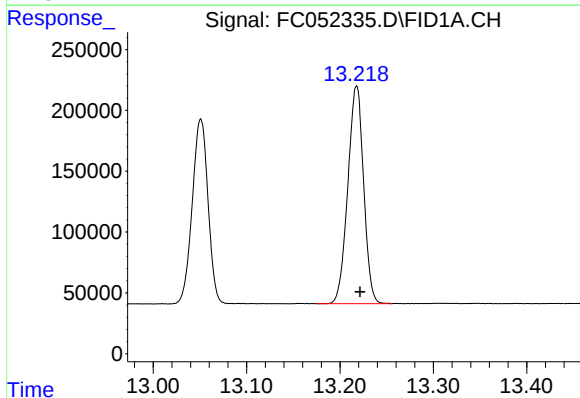
R.T.: 11.613 min
Delta R.T.: -0.002 min
Response: 2289062
Conc: 17.36 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



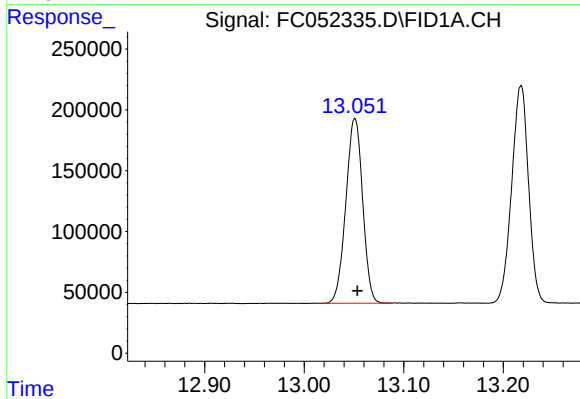
#10 n-Eicosane (C20)

R.T.: 12.606 min
Delta R.T.: -0.004 min
Response: 2151842
Conc: 17.46 ug/ml



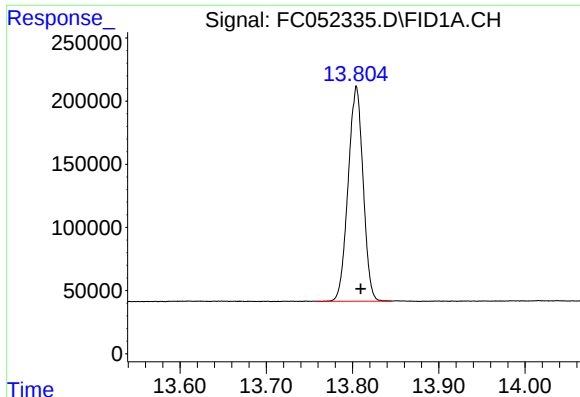
#11 n-Heneicosane (C21)

R.T.: 13.218 min
Delta R.T.: -0.004 min
Response: 2103337
Conc: 17.23 ug/ml



#12 1-chlorooctadecane (SURR)

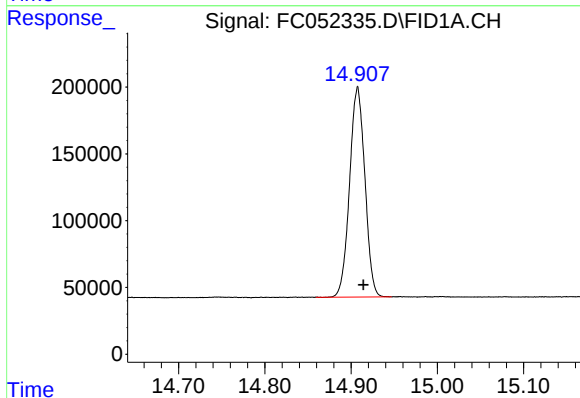
R.T.: 13.051 min
Delta R.T.: -0.003 min
Response: 1780043
Conc: 17.12 ug/ml



#13 n-Docosane (C22)

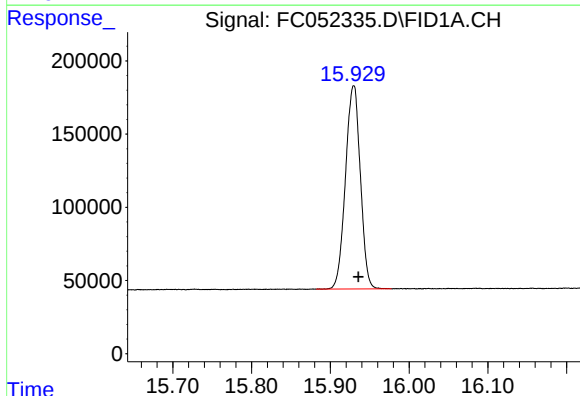
R.T.: 13.805 min
Delta R.T.: -0.005 min
Response: 2049170
Conc: 17.03 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



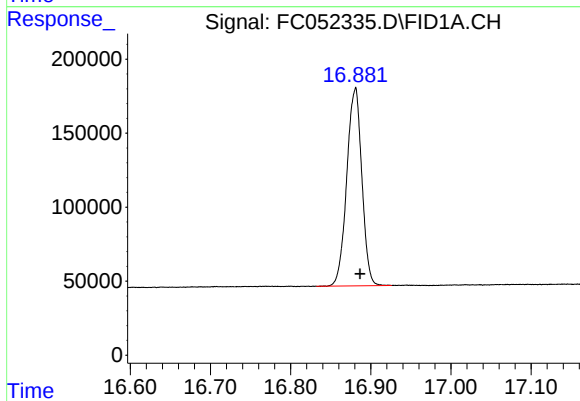
#14 n-Tetracosane (C24)

R.T.: 14.908 min
Delta R.T.: -0.007 min
Response: 1936537
Conc: 16.61 ug/ml



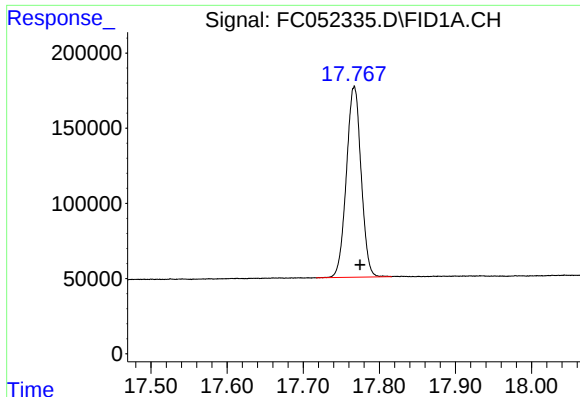
#15 n-Hexacosane (C26)

R.T.: 15.930 min
Delta R.T.: -0.006 min
Response: 1818495
Conc: 16.55 ug/ml



#16 n-Octacosane (C28)

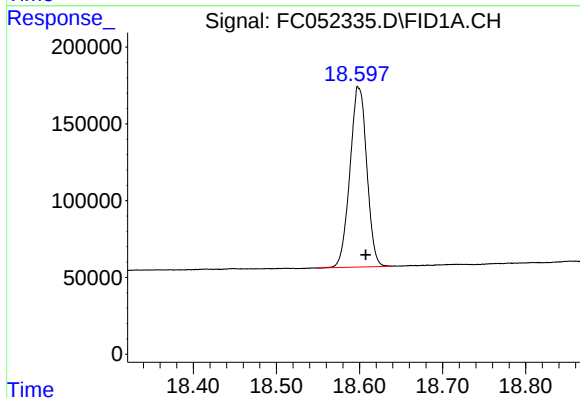
R.T.: 16.881 min
Delta R.T.: -0.006 min
Response: 1743984
Conc: 17.01 ug/ml



#17 n-Tricontane (C30)

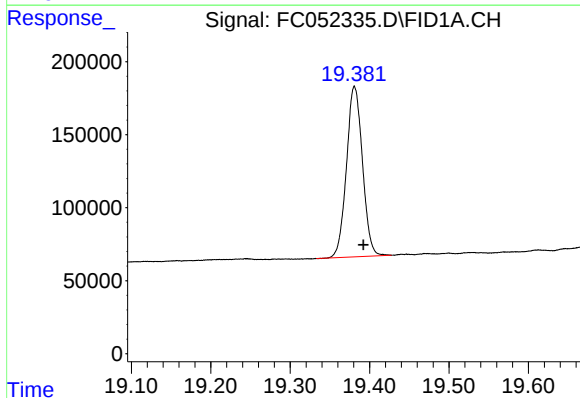
R.T.: 17.767 min
Delta R.T.: -0.008 min
Response: 1703734
Conc: 18.10 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



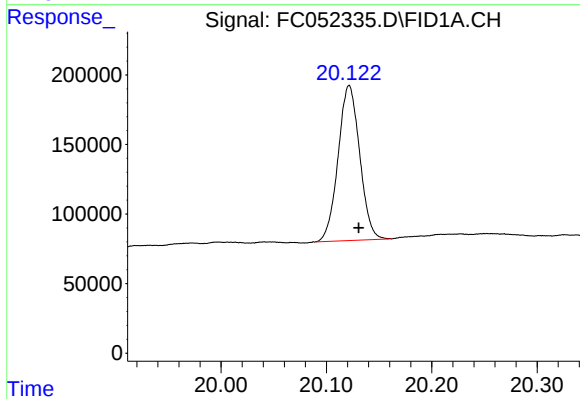
#18 n-Dotriacontane (C32)

R.T.: 18.599 min
Delta R.T.: -0.009 min
Response: 1648888
Conc: 19.31 ug/ml



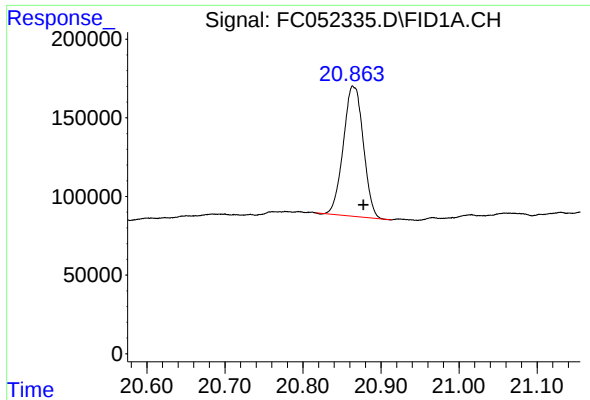
#19 n-Tetratriacontane (C34)

R.T.: 19.381 min
Delta R.T.: -0.011 min
Response: 1632202
Conc: 21.05 ug/ml



#20 n-Hexatriacontane (C36)

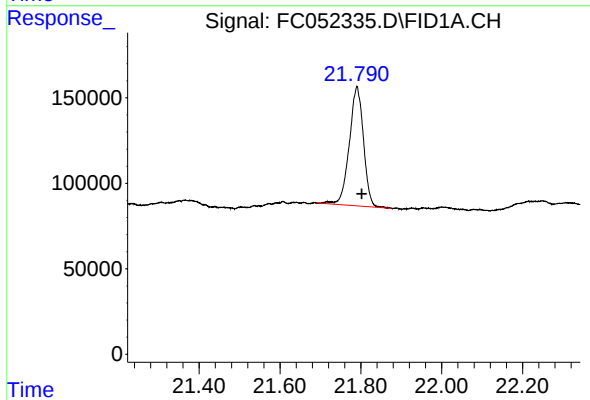
R.T.: 20.122 min
Delta R.T.: -0.009 min
Response: 1585960
Conc: 22.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.864 min
Delta R.T.: -0.013 min
Response: 1468349
Conc: 21.44 ug/ml

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FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.790 min
Delta R.T.: -0.012 min
Response: 1701221
Conc: 23.66 ug/ml