

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031121AL\
 Data File : FC052368.D
 Signal(s) : FID1A.CH
 Acq On : 11 Mar 2021 9:50
 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 12:52:41 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)	11.614	2291586	17.377 ug/ml
Spiked Amount 50.000		Recovery =	34.75%
12) S 1-chlorooctadecane (S...	13.050	1785235	17.166 ug/ml
Spiked Amount 50.000		Recovery =	34.33%
Target Compounds			
1) T n-Nonane (C9)	3.355	2242614	19.025 ug/ml
2) T n-Decane (C10)	4.424	2262081	19.047 ug/ml
3) T A~Naphthalene (C11.7)	6.016	2523758	19.008 ug/ml
4) T n-Dodecane (C12)	6.447	2299204	19.019 ug/ml
5) T A~2-methylnaphthalene...	7.076	2561996	18.875 ug/ml
6) T n-Tetradecane (C14)	8.247	2291827	18.903 ug/ml
7) T n-Hexadecane (C16)	9.851	2223504	18.583 ug/ml
8) T n-Octadecane (C18)	11.295	2248632	18.165 ug/ml
10) T n-Eicosane (C20)	12.604	2167935	17.594 ug/ml
11) T n-Heneicosane (C21)	13.218	2110563	17.289 ug/ml
13) T n-Docosane (C22)	13.803	2054155	17.072 ug/ml
14) T n-Tetracosane (C24)	14.907	1943743	16.672 ug/ml
15) T n-Hexacosane (C26)	15.929	1826572	16.627 ug/ml
16) T n-Octacosane (C28)	16.880	1752947	17.102 ug/ml
17) T n-Tricontane (C30)	17.767	1712787	18.194 ug/ml
18) T n-Dotriacontane (C32)	18.600	1668064	19.536 ug/ml
19) T n-Tetratriacontane (C34)	19.384	1615677	20.840 ug/ml
20) T n-Hexatriacontane (C36)	20.125	1555103	21.642 ug/ml
21) T n-Octatriacontane (C38)	20.867	1495021	21.825 ug/ml
22) T n-Tetracontane (C40)	21.787	1597237	22.212 ug/ml

(f)=RT Delta > 1/2 Window

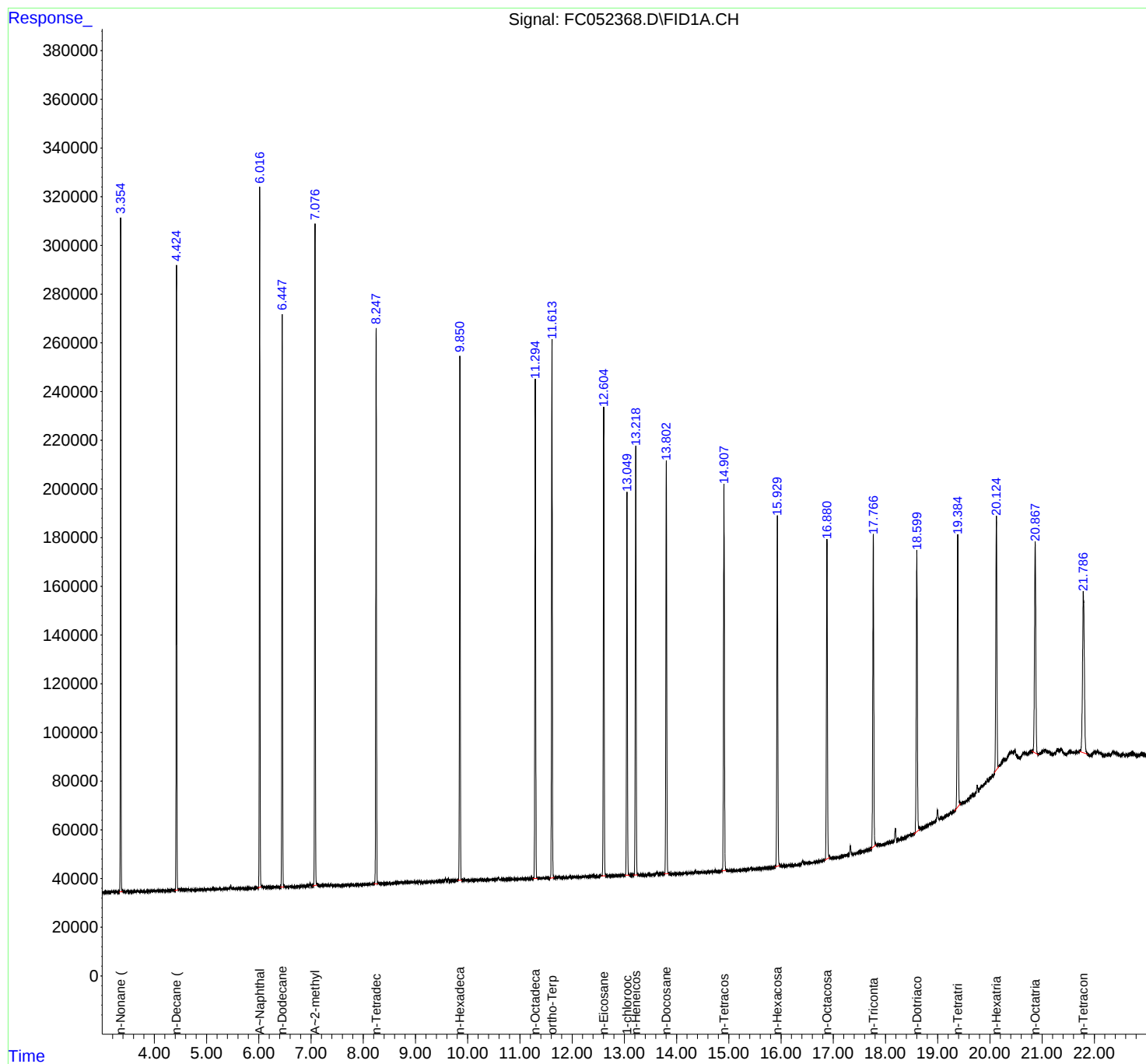
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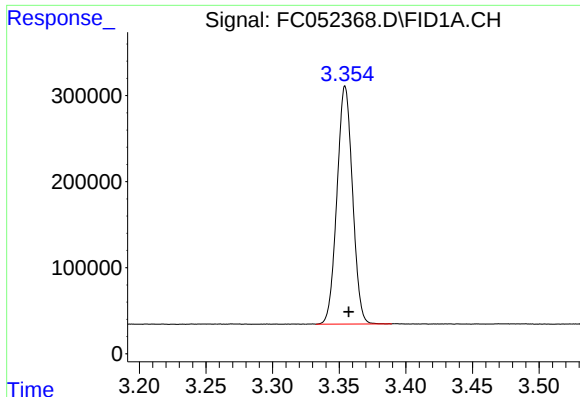
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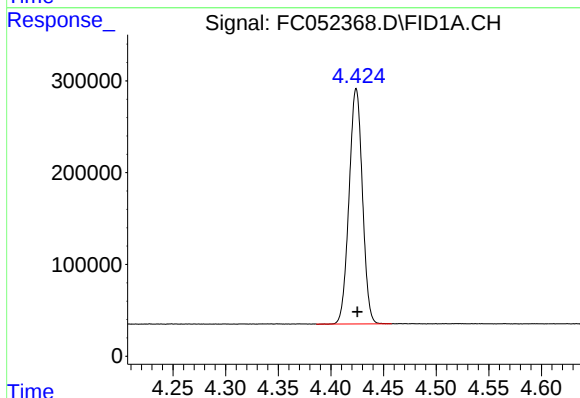




#1 n-Nonane (C9)

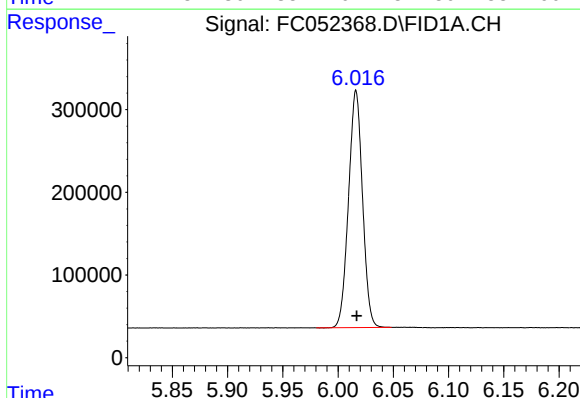
R.T.: 3.355 min
Delta R.T.: -0.002 min
Response: 2242614
Conc: 19.03 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



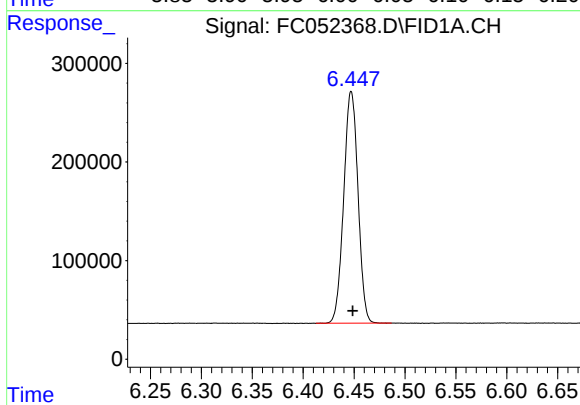
#2 n-Decane (C10)

R.T.: 4.424 min
Delta R.T.: -0.001 min
Response: 2262081
Conc: 19.05 ug/ml



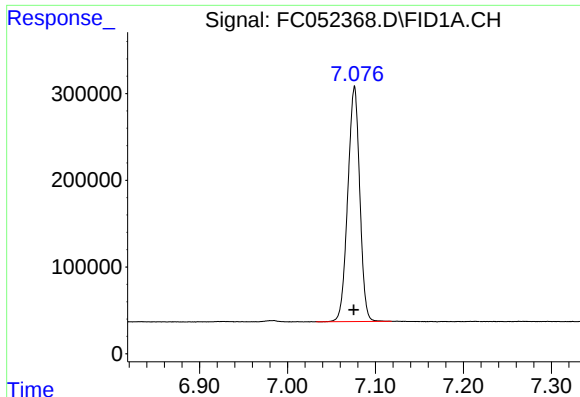
#3 A~Naphthalene (C11.7)

R.T.: 6.016 min
Delta R.T.: 0.000 min
Response: 2523758
Conc: 19.01 ug/ml



#4 n-Dodecane (C12)

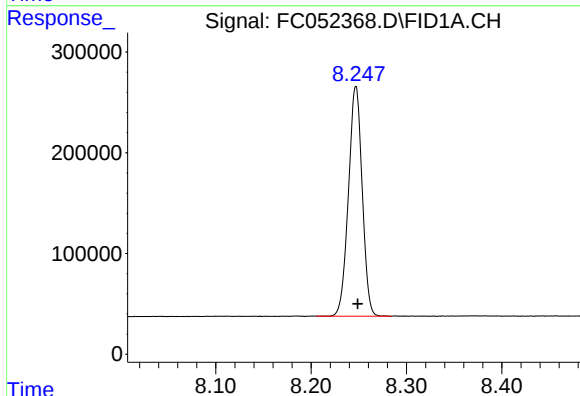
R.T.: 6.447 min
Delta R.T.: -0.001 min
Response: 2299204
Conc: 19.02 ug/ml



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

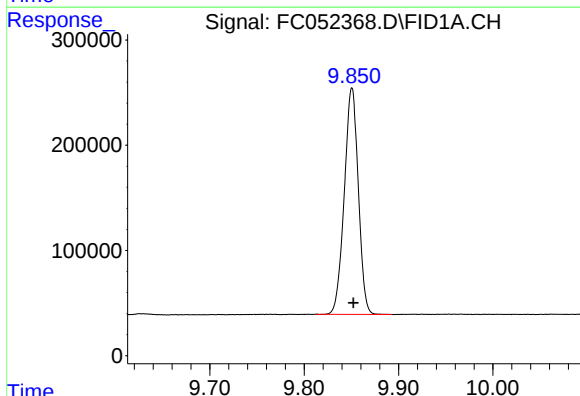
R.T.: 7.076 min
Delta R.T.: 0.000 min
Response: 2561996
Conc: 18.88 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



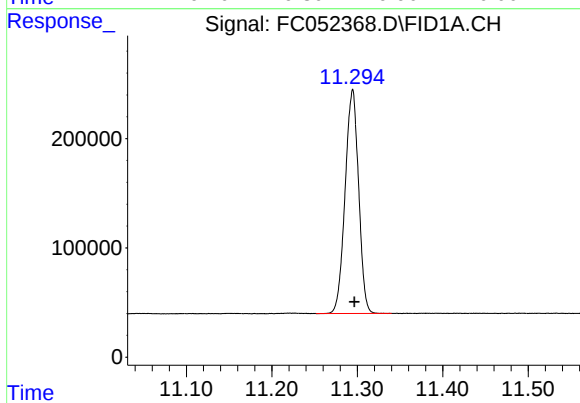
#6 n-Tetradecane (C14)

R.T.: 8.247 min
Delta R.T.: -0.002 min
Response: 2291827
Conc: 18.90 ug/ml



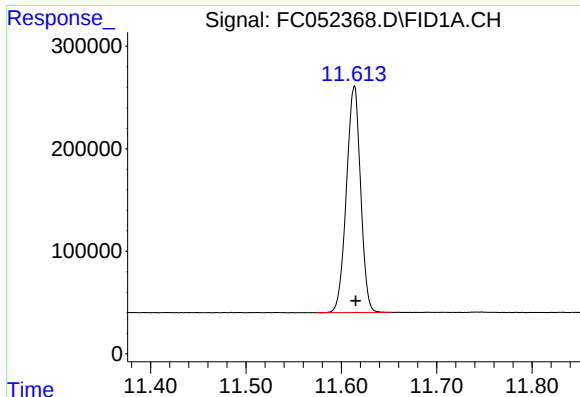
#7 n-Hexadecane (C16)

R.T.: 9.851 min
Delta R.T.: -0.002 min
Response: 2223504
Conc: 18.58 ug/ml



#8 n-Octadecane (C18)

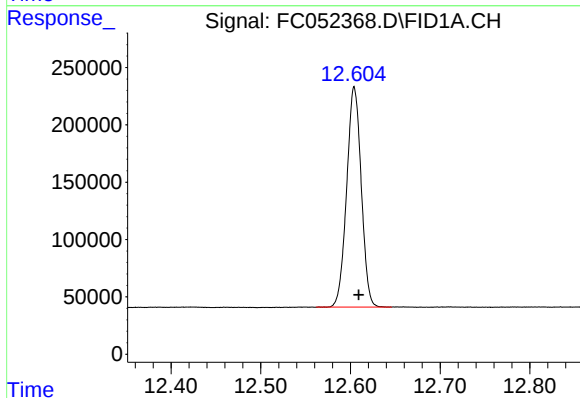
R.T.: 11.295 min
Delta R.T.: -0.002 min
Response: 2248632
Conc: 18.17 ug/ml



#9 ortho-Terphenyl (SURR)

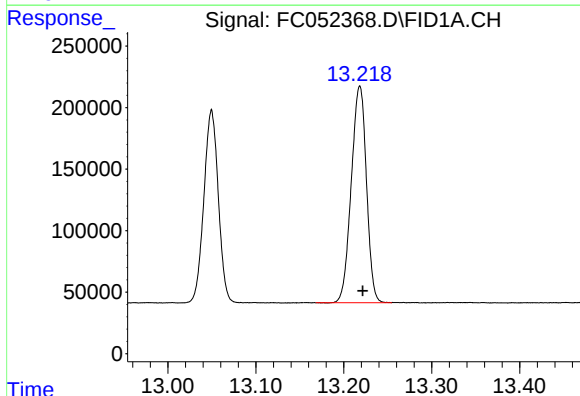
R.T.: 11.614 min
Delta R.T.: -0.001 min
Response: 2291586
Conc: 17.38 ug/ml

Instrument :
FID_C
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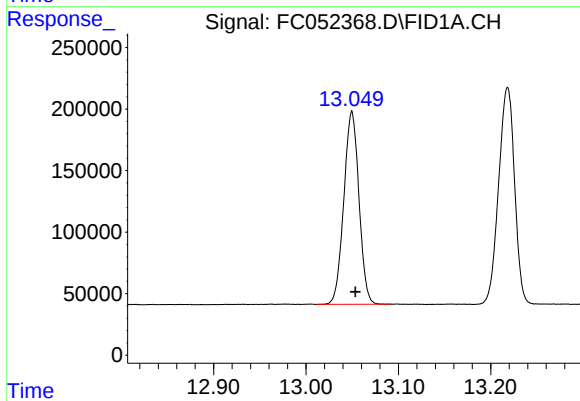
#10 n-Eicosane (C20)

R.T.: 12.604 min
Delta R.T.: -0.005 min
Response: 2167935
Conc: 17.59 ug/ml



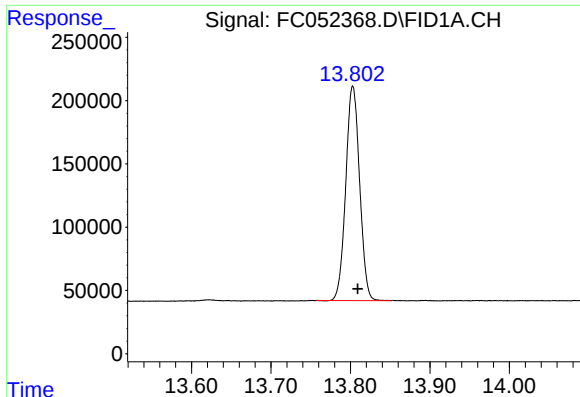
#11 n-Heneicosane (C21)

R.T.: 13.218 min
Delta R.T.: -0.003 min
Response: 2110563
Conc: 17.29 ug/ml



#12 1-chlorooctadecane (SURR)

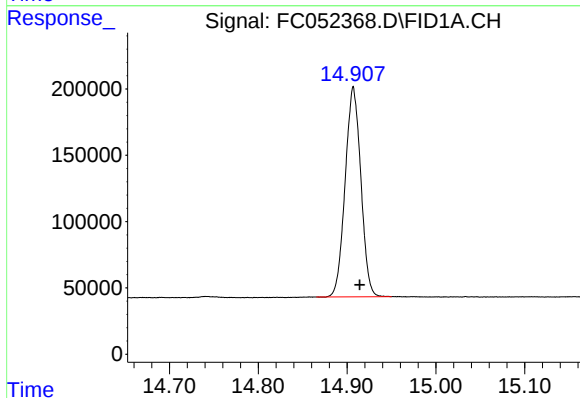
R.T.: 13.050 min
Delta R.T.: -0.004 min
Response: 1785235
Conc: 17.17 ug/ml



#13 n-Docosane (C22)

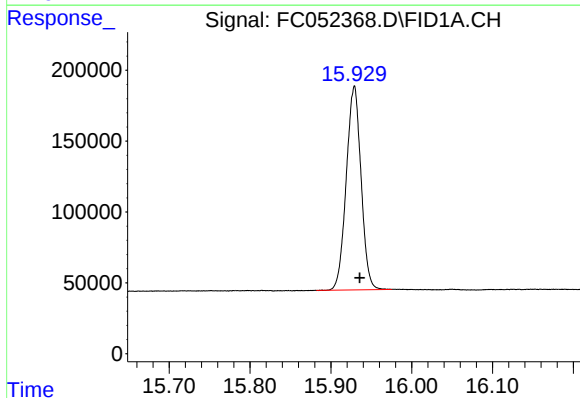
R.T.: 13.803 min
Delta R.T.: -0.006 min
Response: 2054155
Conc: 17.07 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



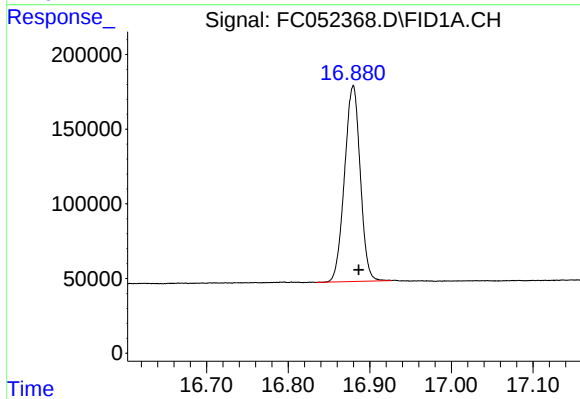
#14 n-Tetracosane (C24)

R.T.: 14.907 min
Delta R.T.: -0.007 min
Response: 1943743
Conc: 16.67 ug/ml



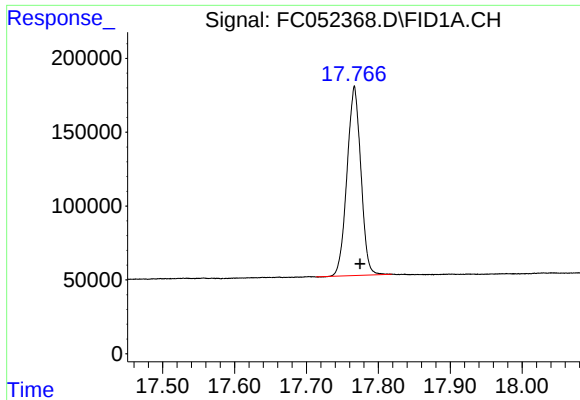
#15 n-Hexacosane (C26)

R.T.: 15.929 min
Delta R.T.: -0.007 min
Response: 1826572
Conc: 16.63 ug/ml



#16 n-Octacosane (C28)

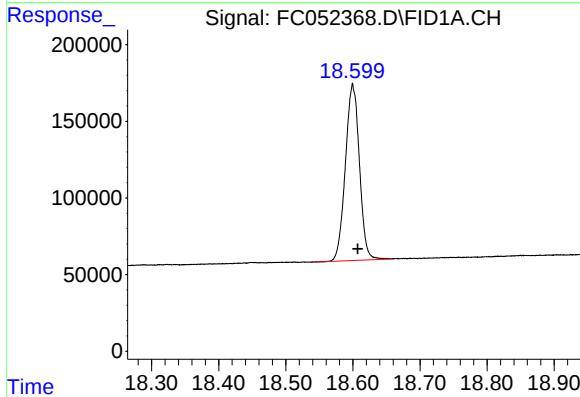
R.T.: 16.880 min
Delta R.T.: -0.007 min
Response: 1752947
Conc: 17.10 ug/ml



#17 n-Tricontane (C30)

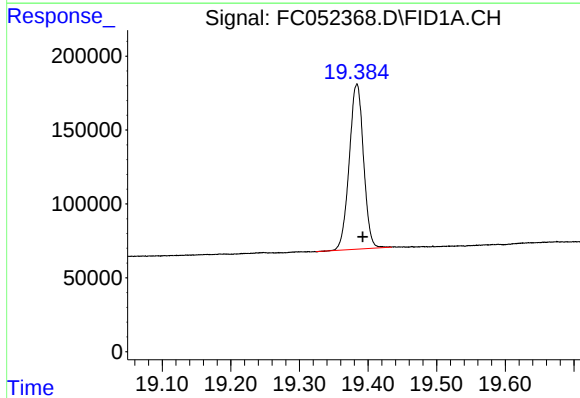
R.T.: 17.767 min
Delta R.T.: -0.008 min
Response: 1712787
Conc: 18.19 ug/ml

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20 PPM ALIPHATIC HC STD



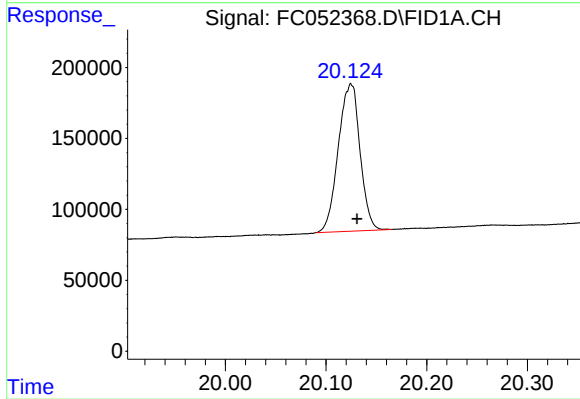
#18 n-Dotriacontane (C32)

R.T.: 18.600 min
Delta R.T.: -0.008 min
Response: 1668064
Conc: 19.54 ug/ml



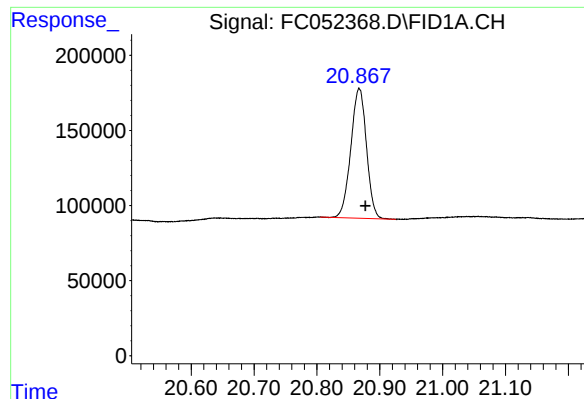
#19 n-Tetratriacontane (C34)

R.T.: 19.384 min
Delta R.T.: -0.008 min
Response: 1615677
Conc: 20.84 ug/ml



#20 n-Hexatriacontane (C36)

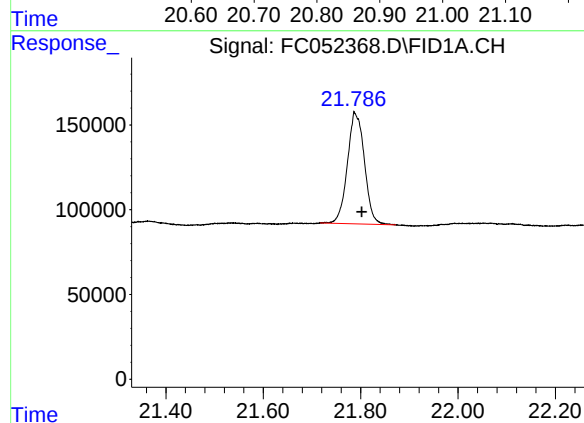
R.T.: 20.125 min
Delta R.T.: -0.006 min
Response: 1555103
Conc: 21.64 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.867 min
Delta R.T.: -0.010 min
Response: 1495021
Conc: 21.82 ug/ml

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FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.787 min
Delta R.T.: -0.015 min
Response: 1597237
Conc: 22.21 ug/ml