

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061820AL\
 Data File : FC047933.D
 Signal(s) : FID1A.CH
 Acq On : 19 Jun 2020 2:01
 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: Jun 19 02:37:03 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 060920.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 10 08:39:57 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)	11.724	2519942	21.007 ug/ml
Spiked Amount 50.000		Recovery =	42.01%
12) S 1-chlorooctadecane (S...	13.137	2036472	20.794 ug/ml
Spiked Amount 50.000		Recovery =	41.59%
Target Compounds			
1) T n-Nonane (C9)	3.537	2252220	22.506 ug/ml
2) T n-Decane (C10)	4.599	2305533	22.946 ug/ml
3) T A~Naphthalene (C11.7)	6.198	2327581	23.069 ug/ml
4) T n-Dodecane (C12)	6.598	2393675	22.866 ug/ml
5) T A~2-methylnaphthalene...	7.245	2349291	22.697 ug/ml
6) T n-Tetradecane (C14)	8.375	2395500	22.824 ug/ml
7) T n-Hexadecane (C16)	9.961	2359498	22.583 ug/ml
8) T n-Octadecane (C18)	11.391	2433173	21.889 ug/ml
10) T n-Eicosane (C20)	12.691	2408811	21.167 ug/ml
11) T n-Heneicosane (C21)	13.298	2377786	20.779 ug/ml
13) T n-Docosane (C22)	13.879	2336430	20.368 ug/ml
14) T n-Tetracosane (C24)	14.974	2249900	19.579 ug/ml
15) T n-Hexacosane (C26)	15.988	2154430	18.862 ug/ml
16) T n-Octacosane (C28)	16.931	2111746	18.580 ug/ml
17) T n-Tricontane (C30)	17.814	2082057	18.997 ug/ml
18) T n-Dotriacontane (C32)	18.642	1948607	19.656 ug/ml
19) T n-Tetratriacontane (C34)	19.419	1825051	19.927 ug/ml
20) T n-Hexatriacontane (C36)	20.154	1767736	20.613 ug/ml
21) T n-Octatriacontane (C38)	20.902	1672991	21.008 ug/ml
22) T n-Tetracontane (C40)	21.836	1730601	21.888 ug/ml

(f)=RT Delta > 1/2 Window

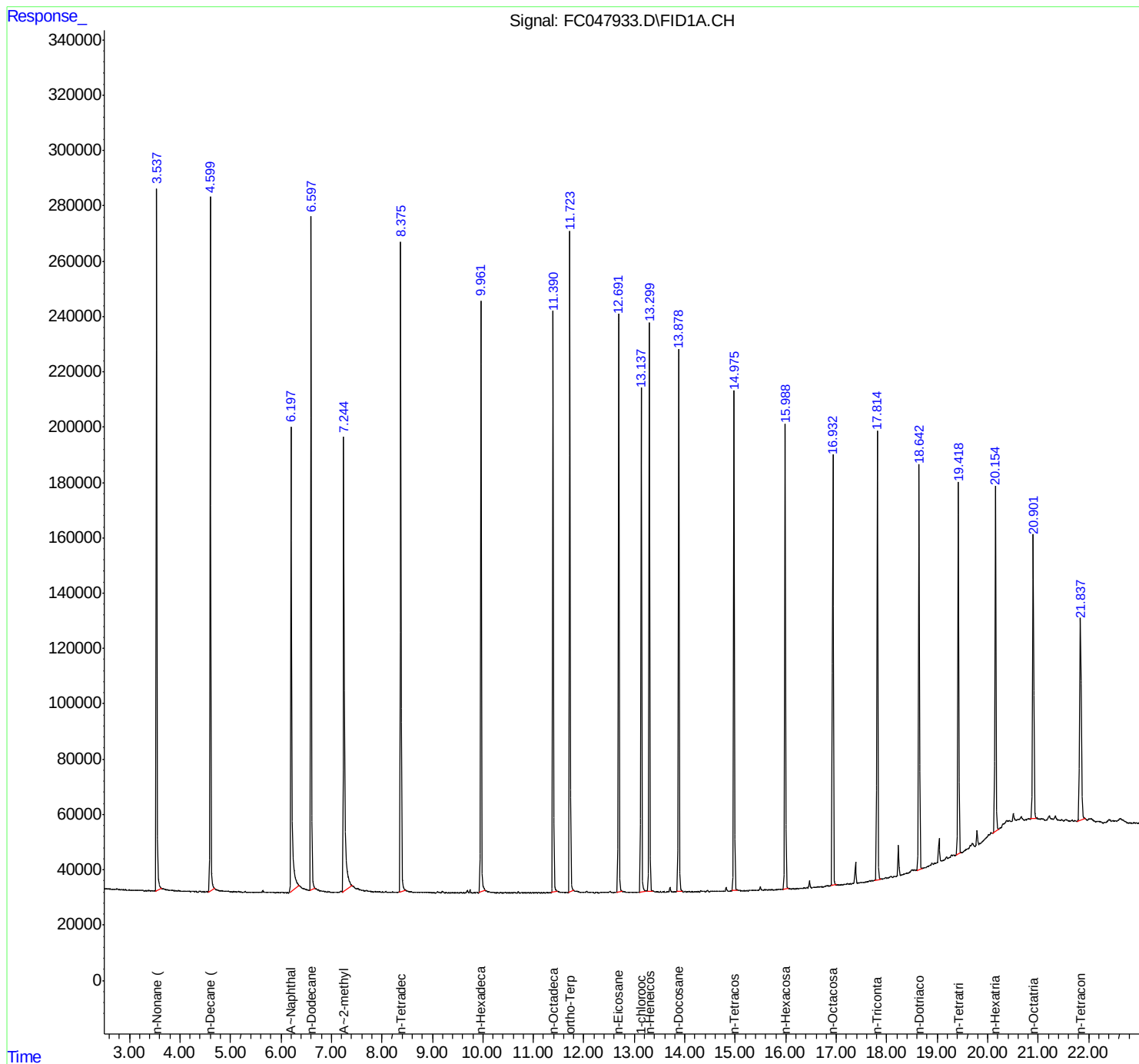
(m)=manual int.

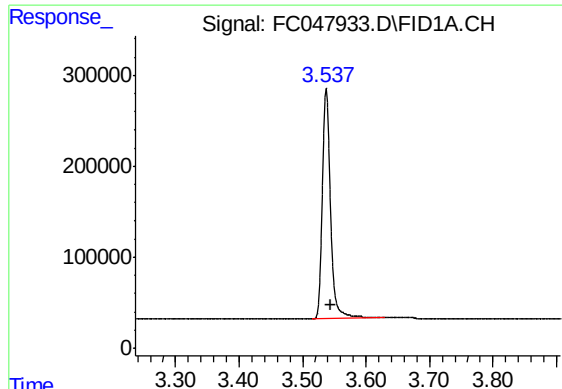
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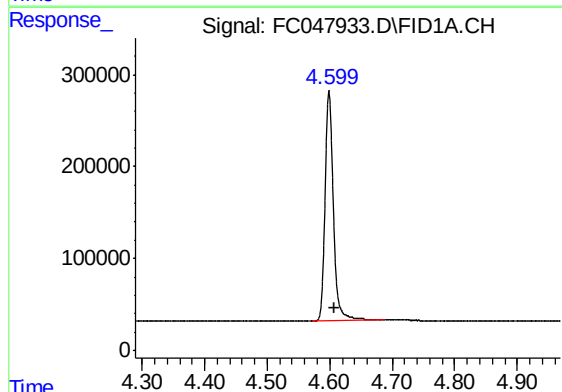




#1 n-Nonane (C9)

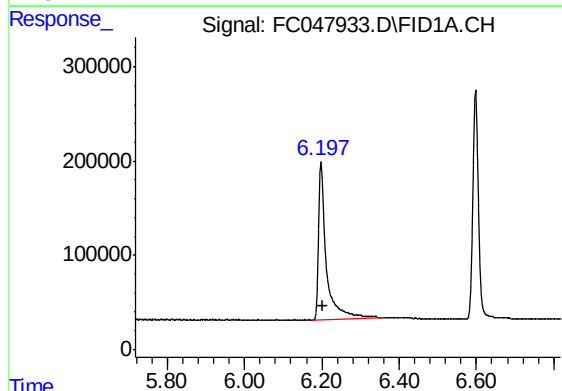
R.T.: 3.537 min
Delta R.T.: -0.007 min
Response: 2252220
Conc: 22.51 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



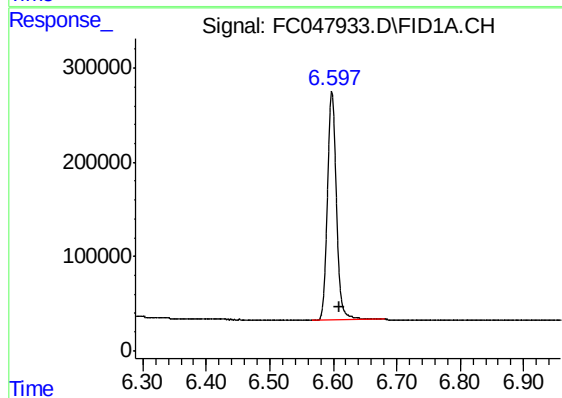
#2 n-Decane (C10)

R.T.: 4.599 min
Delta R.T.: -0.009 min
Response: 2305533
Conc: 22.95 ug/ml



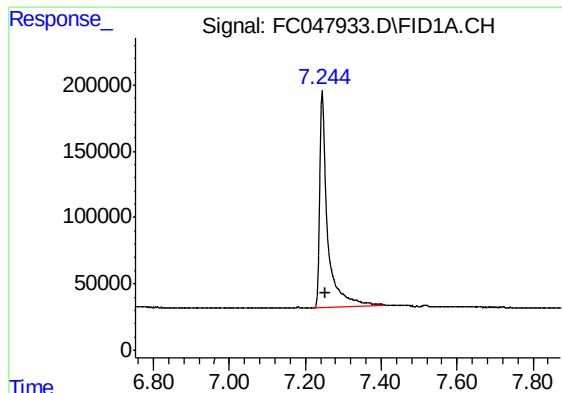
#3 A~Naphthalene (C11.7)

R.T.: 6.198 min
Delta R.T.: -0.007 min
Response: 2327581
Conc: 23.07 ug/ml



#4 n-Dodecane (C12)

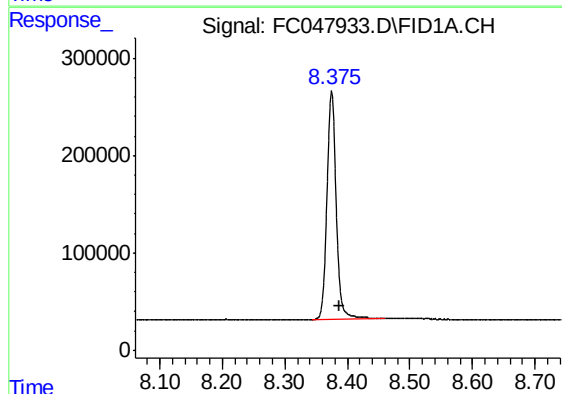
R.T.: 6.598 min
Delta R.T.: -0.012 min
Response: 2393675
Conc: 22.87 ug/ml



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

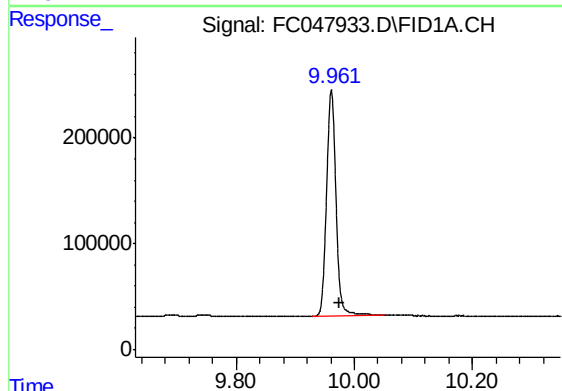
R.T.: 7.245 min
Delta R.T.: -0.008 min
Response: 2349291
Conc: 22.70 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



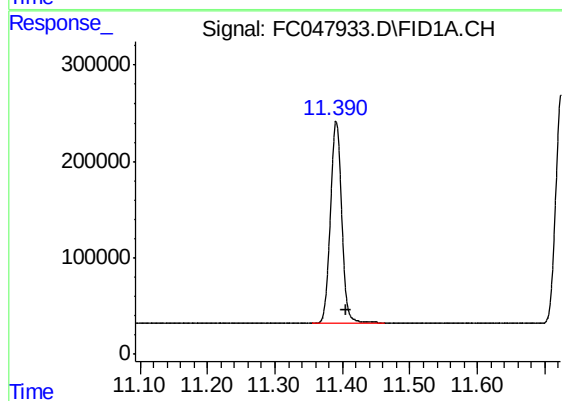
#6 n-Tetradecane (C14)

R.T.: 8.375 min
Delta R.T.: -0.013 min
Response: 2395500
Conc: 22.82 ug/ml



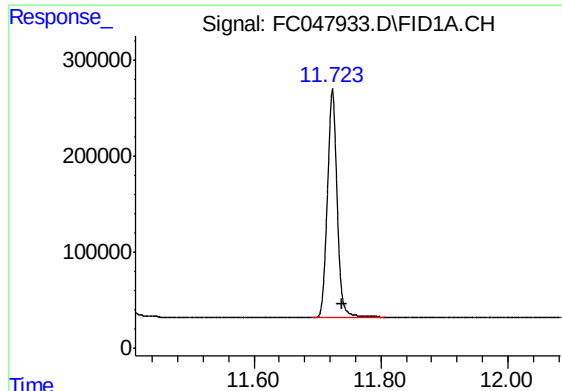
#7 n-Hexadecane (C16)

R.T.: 9.961 min
Delta R.T.: -0.013 min
Response: 2359498
Conc: 22.58 ug/ml



#8 n-Octadecane (C18)

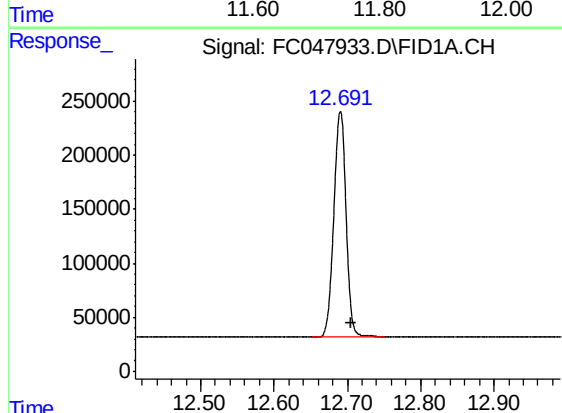
R.T.: 11.391 min
Delta R.T.: -0.015 min
Response: 2433173
Conc: 21.89 ug/ml



#9 ortho-Terphenyl (SURR)

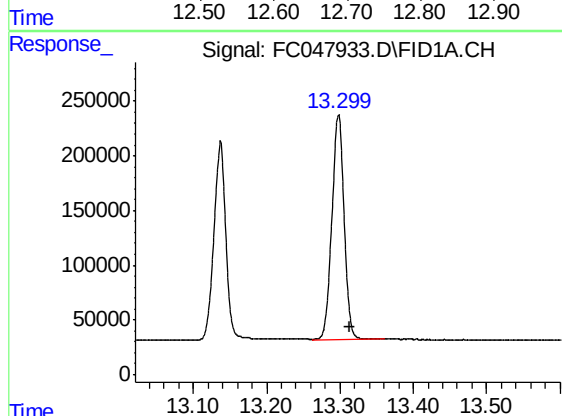
R.T.: 11.724 min
Delta R.T.: -0.015 min
Response: 2519942
Conc: 21.01 ug/ml

Instrument :
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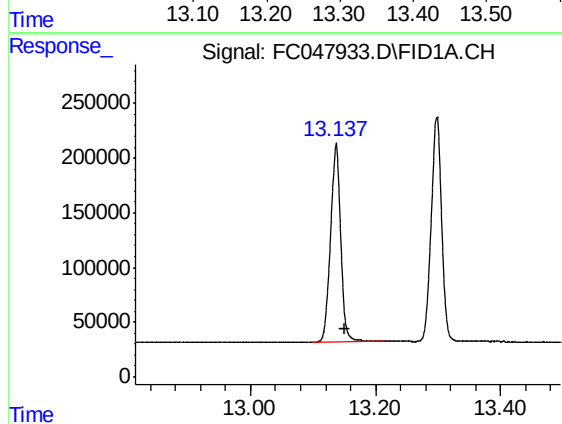
#10 n-Eicosane (C20)

R.T.: 12.691 min
Delta R.T.: -0.014 min
Response: 2408811
Conc: 21.17 ug/ml



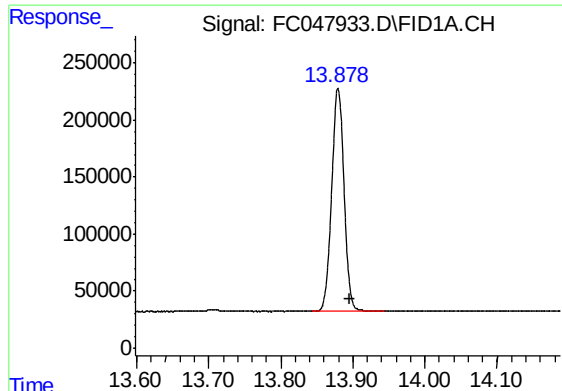
#11 n-Heneicosane (C21)

R.T.: 13.298 min
Delta R.T.: -0.014 min
Response: 2377786
Conc: 20.78 ug/ml



#12 1-chlorooctadecane (SURR)

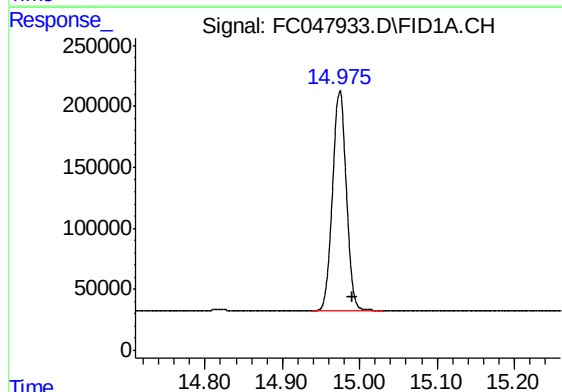
R.T.: 13.137 min
Delta R.T.: -0.013 min
Response: 2036472
Conc: 20.79 ug/ml



#13 n-Docosane (C22)

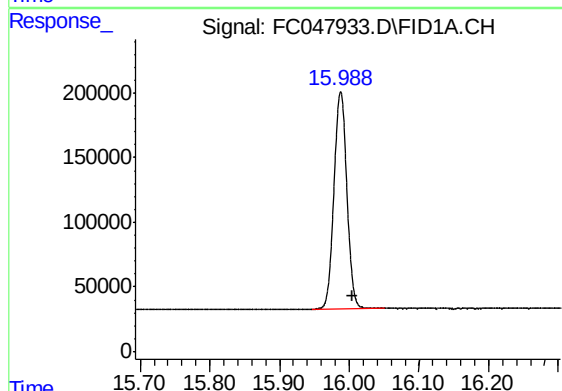
R.T.: 13.879 min
Delta R.T.: -0.016 min
Response: 2336430
Conc: 20.37 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



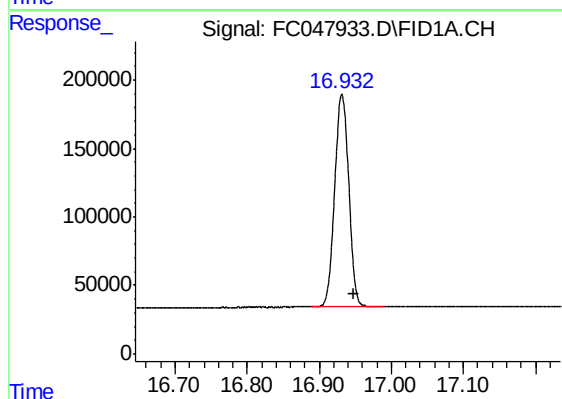
#14 n-Tetracosane (C24)

R.T.: 14.974 min
Delta R.T.: -0.016 min
Response: 2249900
Conc: 19.58 ug/ml



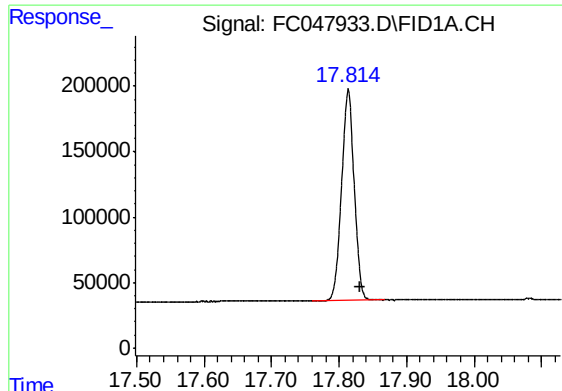
#15 n-Hexacosane (C26)

R.T.: 15.988 min
Delta R.T.: -0.017 min
Response: 2154430
Conc: 18.86 ug/ml



#16 n-Octacosane (C28)

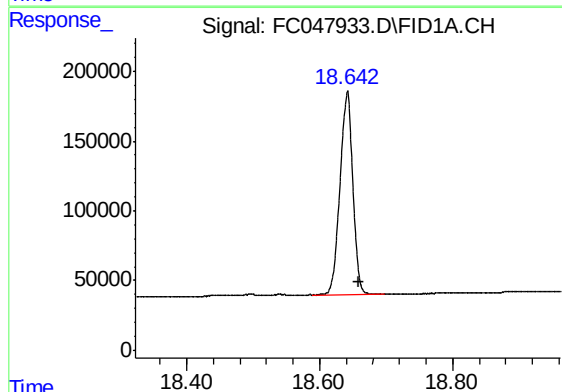
R.T.: 16.931 min
Delta R.T.: -0.017 min
Response: 2111746
Conc: 18.58 ug/ml



#17 n-Tricontane (C30)

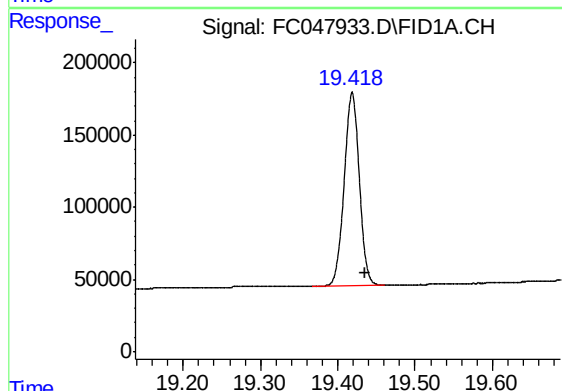
R.T.: 17.814 min
Delta R.T.: -0.017 min
Response: 2082057
Conc: 19.00 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



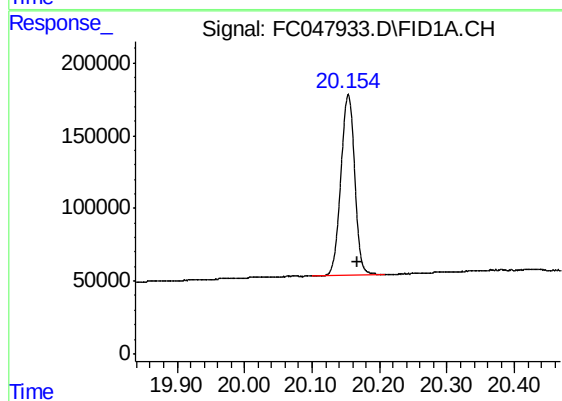
#18 n-Dotriacontane (C32)

R.T.: 18.642 min
Delta R.T.: -0.017 min
Response: 1948607
Conc: 19.66 ug/ml



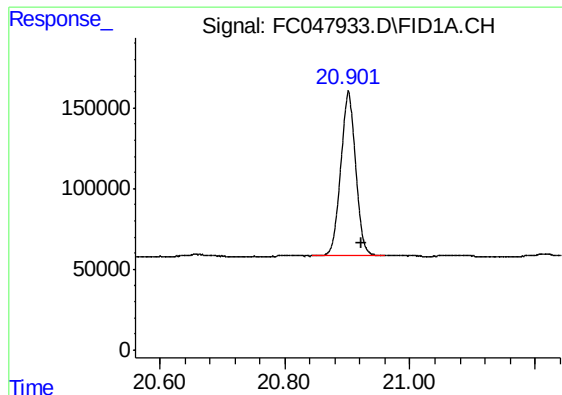
#19 n-Tetratriacontane (C34)

R.T.: 19.419 min
Delta R.T.: -0.017 min
Response: 1825051
Conc: 19.93 ug/ml



#20 n-Hexatriacontane (C36)

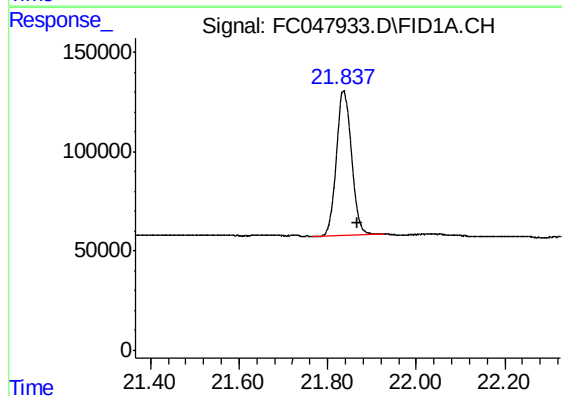
R.T.: 20.154 min
Delta R.T.: -0.013 min
Response: 1767736
Conc: 20.61 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.902 min
Delta R.T.: -0.021 min
Response: 1672991
Conc: 21.01 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.836 min
Delta R.T.: -0.032 min
Response: 1730601
Conc: 21.89 ug/ml