

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061720AL\
 Data File : FC047910.D
 Signal(s) : FID1A.CH
 Acq On : 18 Jun 2020 2:20
 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

Manual Integrations
 APPROVED

Sohil
 6/18/2020 3:05:44 PM

Integration File: autoint1.e
 Quant Time: Jun 18 02:40:45 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)	11.726	2403286	20.035 ug/ml
Spiked Amount 50.000		Recovery =	40.07%
12) S 1-chlorooctadecane (S...	13.138	1937115	19.780 ug/ml
Spiked Amount 50.000		Recovery =	39.56%
Target Compounds			
1) T n-Nonane (C9)	3.539	2152996	21.515 ug/ml
2) T n-Decane (C10)	4.601	2193399	21.830 ug/ml
3) T A~Naphthalene (C11.7)	6.200	2207564	21.879 ug/ml
4) T n-Dodecane (C12)	6.600	2275389	21.736 ug/ml
5) T A~2-methylnaphthalene...	7.246	2255820	21.794 ug/ml
6) T n-Tetradecane (C14)	8.377	2273924	21.666 ug/ml
7) T n-Hexadecane (C16)	9.963	2233884	21.381 ug/ml
8) T n-Octadecane (C18)	11.393	2316817	20.842 ug/ml
10) T n-Eicosane (C20)	12.692	2296117	20.176 ug/ml
11) T n-Heneicosane (C21)	13.300	2263426	19.779 ug/ml
13) T n-Docosane (C22)	13.882	2223123	19.381 ug/ml
14) T n-Tetracosane (C24)	14.978	2140959	18.631 ug/ml
15) T n-Hexacosane (C26)	15.992	2043245	17.888 ug/ml
16) T n-Octacosane (C28)	16.935	1991685	17.524 ug/ml
17) T n-Tricontane (C30)	17.818	1949534	17.788 ug/ml
18) T n-Dotriacontane (C32)	18.645	1827186	18.431 ug/ml
19) T n-Tetratriacontane (C34)	19.424	1717870	18.757 ug/ml
20) T n-Hexatriacontane (C36)	20.157	1677599	19.562 ug/mlm
21) T n-Octatriacontane (C38)	20.908	1617932	20.317 ug/ml
22) T n-Tetracontane (C40)	21.844	1628559	20.597 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Signal(s) : FID1A.CH
Acq On : 18 Jun 2020 2:20
Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

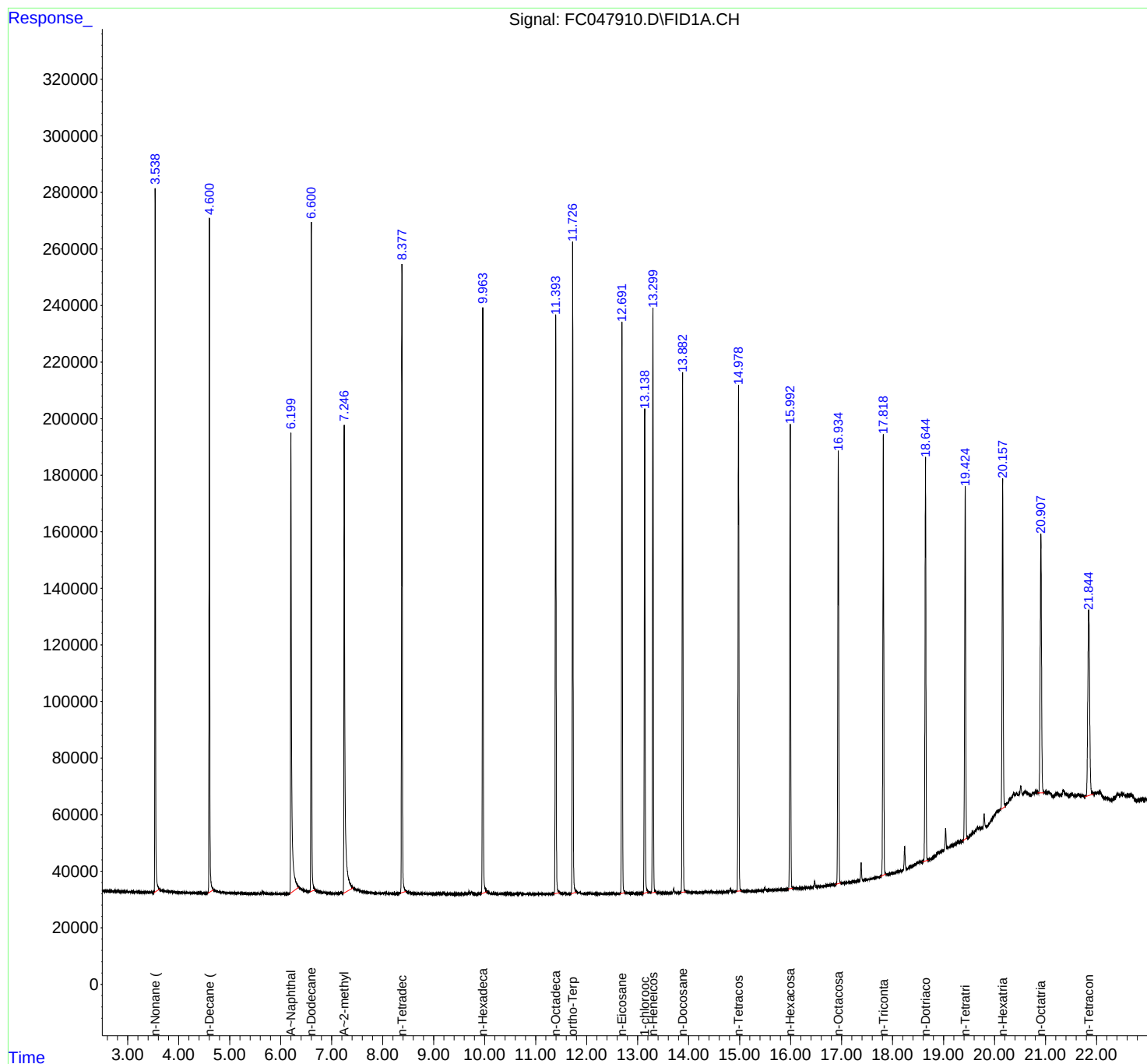
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

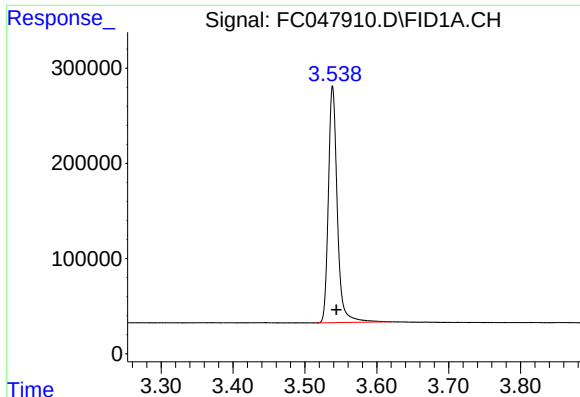
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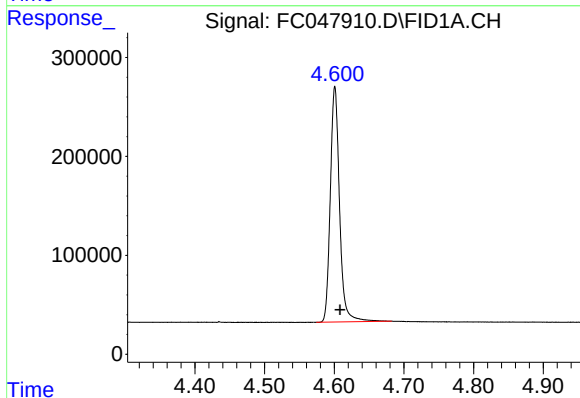
#1 n-Nonane (C9)

R.T.: 3.539 min
Delta R.T.: -0.005 min
Response: 2152996
Conc: 21.51 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

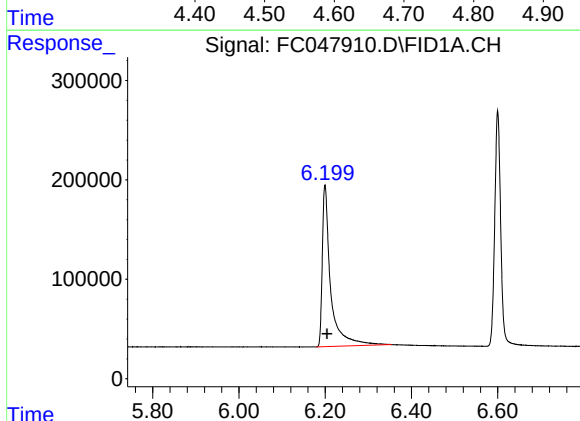
Manual Integrations
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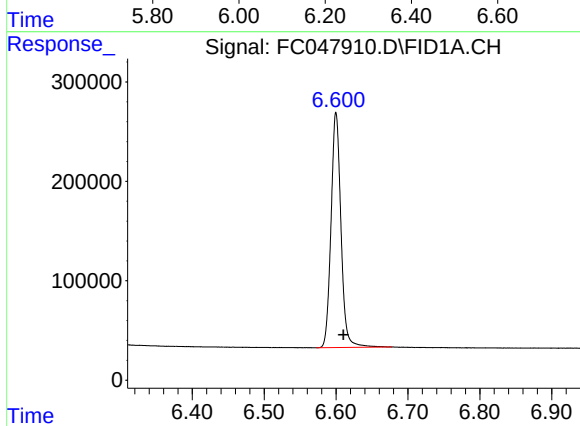
#2 n-Decane (C10)

R.T.: 4.601 min
Delta R.T.: -0.007 min
Response: 2193399
Conc: 21.83 ug/ml



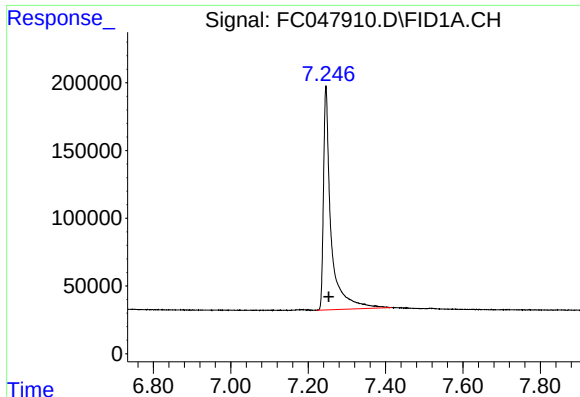
#3 A~Naphthalene (C11.7)

R.T.: 6.200 min
Delta R.T.: -0.005 min
Response: 2207564
Conc: 21.88 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.600 min
Delta R.T.: -0.010 min
Response: 2275389
Conc: 21.74 ug/ml



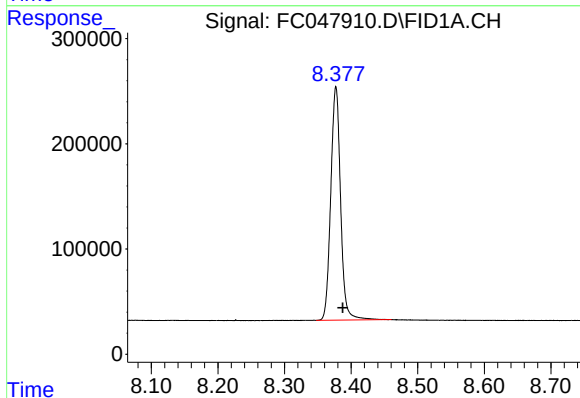
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.246 min
Delta R.T.: -0.007 min
Response: 2255820
Conc: 21.79 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

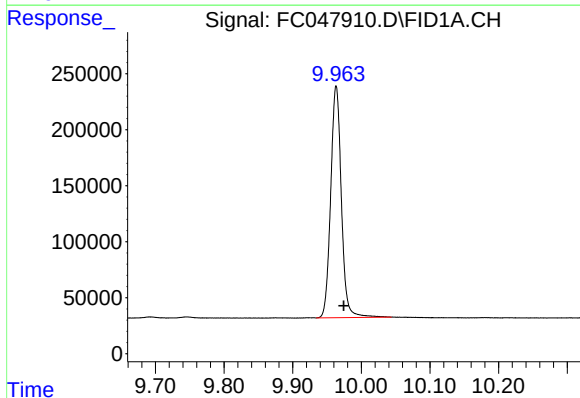
Manual Integrations
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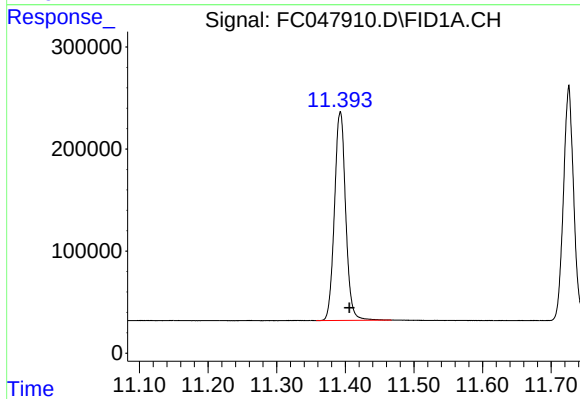
#6 n-Tetradecane (C14)

R.T.: 8.377 min
Delta R.T.: -0.010 min
Response: 2273924
Conc: 21.67 ug/ml



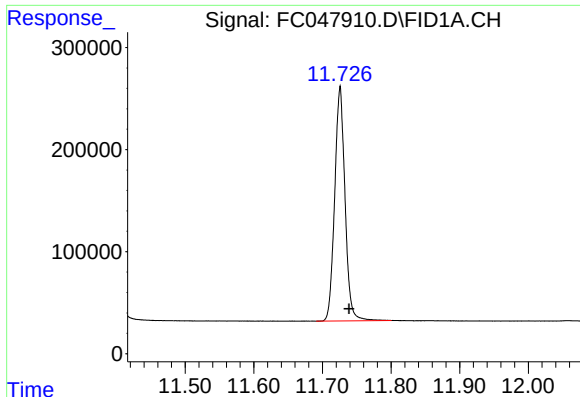
#7 n-Hexadecane (C16)

R.T.: 9.963 min
Delta R.T.: -0.011 min
Response: 2233884
Conc: 21.38 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.393 min
Delta R.T.: -0.013 min
Response: 2316817
Conc: 20.84 ug/ml



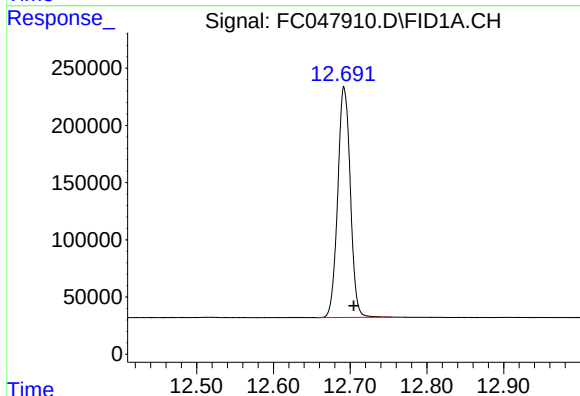
#9 ortho-Terphenyl (SURR)

R.T.: 11.726 min
Delta R.T.: -0.013 min
Response: 2403286
Conc: 20.03 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

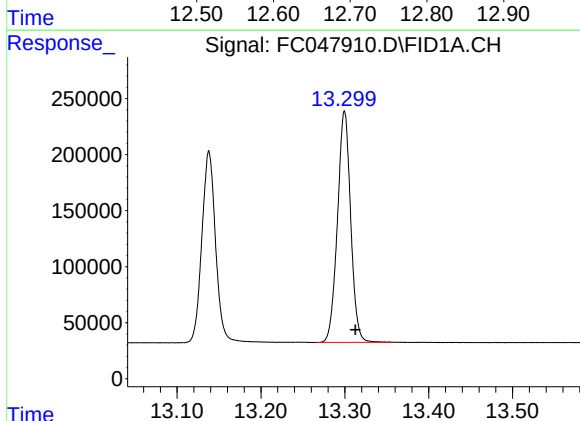
Manual Integrations
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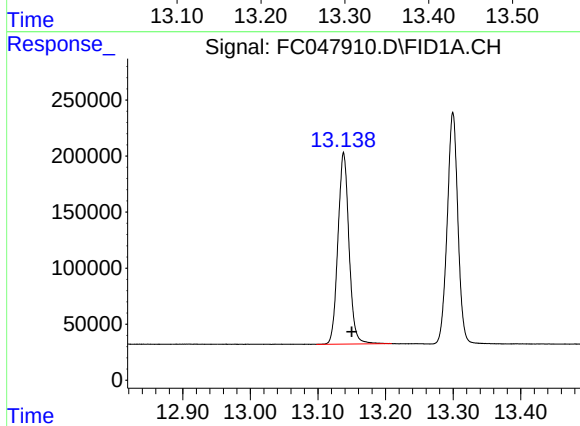
#10 n-Eicosane (C20)

R.T.: 12.692 min
Delta R.T.: -0.013 min
Response: 2296117
Conc: 20.18 ug/ml



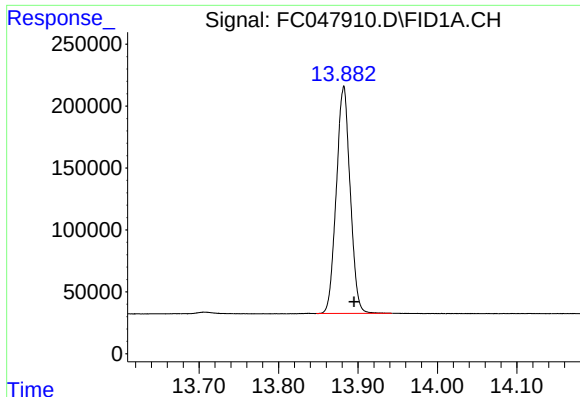
#11 n-Heneicosane (C21)

R.T.: 13.300 min
Delta R.T.: -0.013 min
Response: 2263426
Conc: 19.78 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.138 min
Delta R.T.: -0.012 min
Response: 1937115
Conc: 19.78 ug/ml



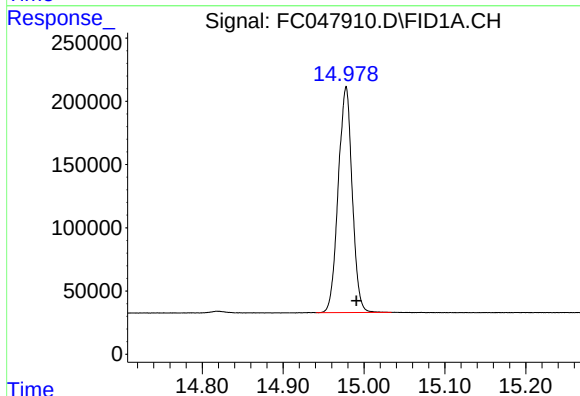
#13 n-Docosane (C22)

R.T.: 13.882 min
Delta R.T.: -0.013 min
Response: 2223123
Conc: 19.38 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

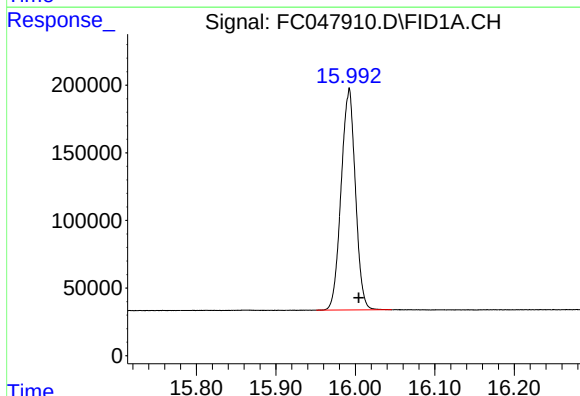
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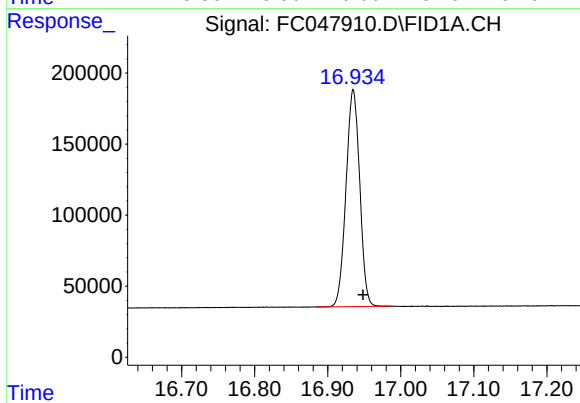
#14 n-Tetracosane (C24)

R.T.: 14.978 min
Delta R.T.: -0.013 min
Response: 2140959
Conc: 18.63 ug/ml



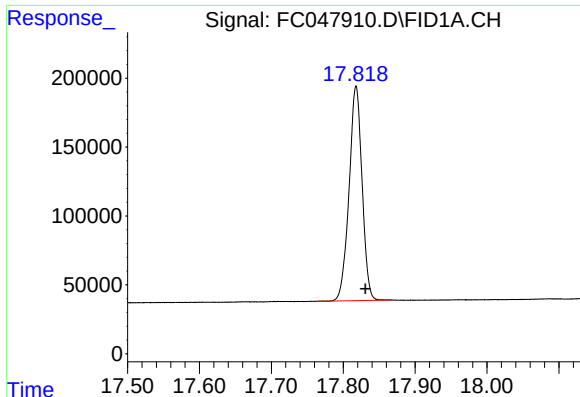
#15 n-Hexacosane (C26)

R.T.: 15.992 min
Delta R.T.: -0.012 min
Response: 2043245
Conc: 17.89 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.935 min
Delta R.T.: -0.013 min
Response: 1991685
Conc: 17.52 ug/ml



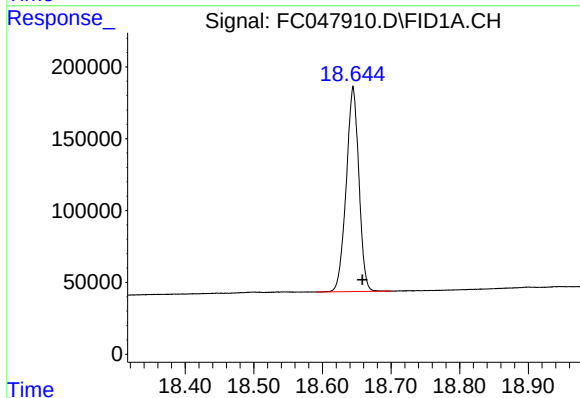
#17 n-Tricontane (C30)

R.T.: 17.818 min
Delta R.T.: -0.013 min
Response: 1949534
Conc: 17.79 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

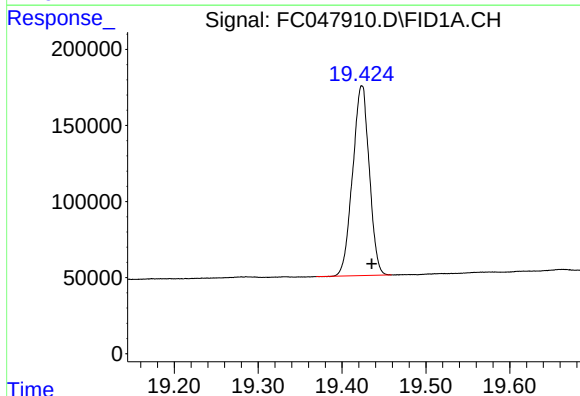
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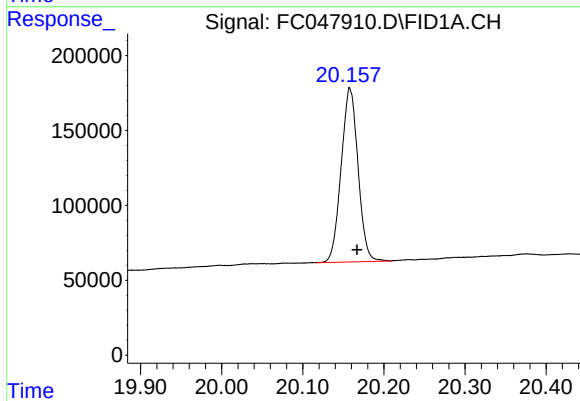
#18 n-Dotriacontane (C32)

R.T.: 18.645 min
Delta R.T.: -0.014 min
Response: 1827186
Conc: 18.43 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.424 min
Delta R.T.: -0.012 min
Response: 1717870
Conc: 18.76 ug/ml

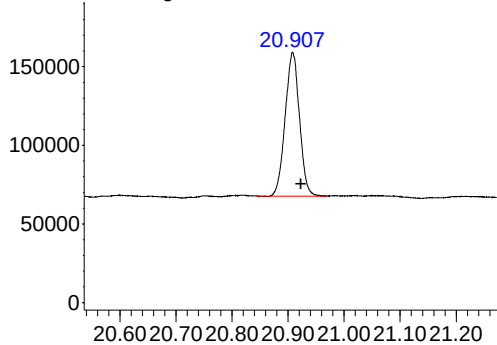


#20 n-Hexatriacontane (C36)

R.T.: 20.157 min
Delta R.T.: -0.010 min
Response: 1677599
Conc: 19.56 ug/ml m

Response_

Signal: FC047910.D\FID1A.CH



#21 n-Octatriacontane (C38)

R.T.: 20.908 min
Delta R.T.: -0.015 min
Response: 1617932
Conc: 20.32 ug/ml

Instrument :

FID_C

ClientSampleId :

20 PPM ALIPHATIC HC STD

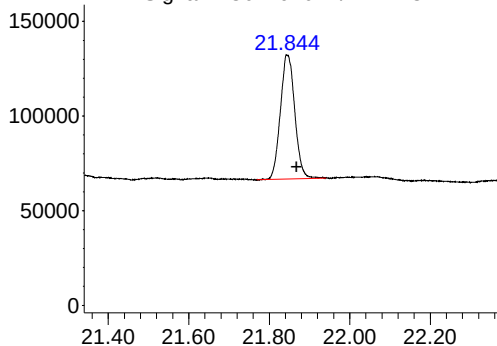
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Time

Response_

Signal: FC047910.D\FID1A.CH



#22 n-Tetracontane (C40)

R.T.: 21.844 min
Delta R.T.: -0.024 min
Response: 1628559
Conc: 20.60 ug/ml

Time