

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061920AL\
 Data File : FC047993.D
 Signal(s) : FID1A.CH
 Acq On : 20 Jun 2020 16:16
 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 22 00:46:41 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	2288883	19.081 ug/ml
Spiked Amount 50.000		Recovery =	38.16%
12) S 1-chlorooctadecane (S...	13.139	1832560	18.712 ug/ml
Spiked Amount 50.000		Recovery =	37.42%
Target Compounds			
1) T n-Nonane (C9)	3.537	2138727	21.372 ug/ml
2) T n-Decane (C10)	4.600	2174648	21.643 ug/ml
3) T A~Naphthalene (C11.7)	6.200	2152325	21.332 ug/ml
4) T n-Dodecane (C12)	6.599	2259789	21.587 ug/ml
5) T A~2-methylnaphthalene...	7.246	2181025	21.071 ug/ml
6) T n-Tetradecane (C14)	8.376	2249694	21.435 ug/ml
7) T n-Hexadecane (C16)	9.963	2195016	21.009 ug/ml
8) T n-Octadecane (C18)	11.393	2236888	20.123 ug/ml
10) T n-Eicosane (C20)	12.692	2190013	19.244 ug/ml
11) T n-Heneicosane (C21)	13.300	2149808	18.787 ug/ml
13) T n-Docosane (C22)	13.882	2104572	18.347 ug/ml
14) T n-Tetracosane (C24)	14.978	2018904	17.569 ug/ml
15) T n-Hexacosane (C26)	15.991	1936019	16.949 ug/ml
16) T n-Octacosane (C28)	16.935	1903464	16.747 ug/ml
17) T n-Tricontane (C30)	17.818	1856637	16.941 ug/ml
18) T n-Dotriacontane (C32)	18.645	1731965	17.471 ug/ml
19) T n-Tetratriacontane (C34)	19.424	1779405	19.429 ug/ml
20) T n-Hexatriacontane (C36)	20.159	1823610	21.265 ug/ml
21) T n-Octatriacontane (C38)	20.910	1691497	21.241 ug/ml
22) T n-Tetracontane (C40)	21.852	1572614	19.890 ug/ml

(f)=RT Delta > 1/2 Window

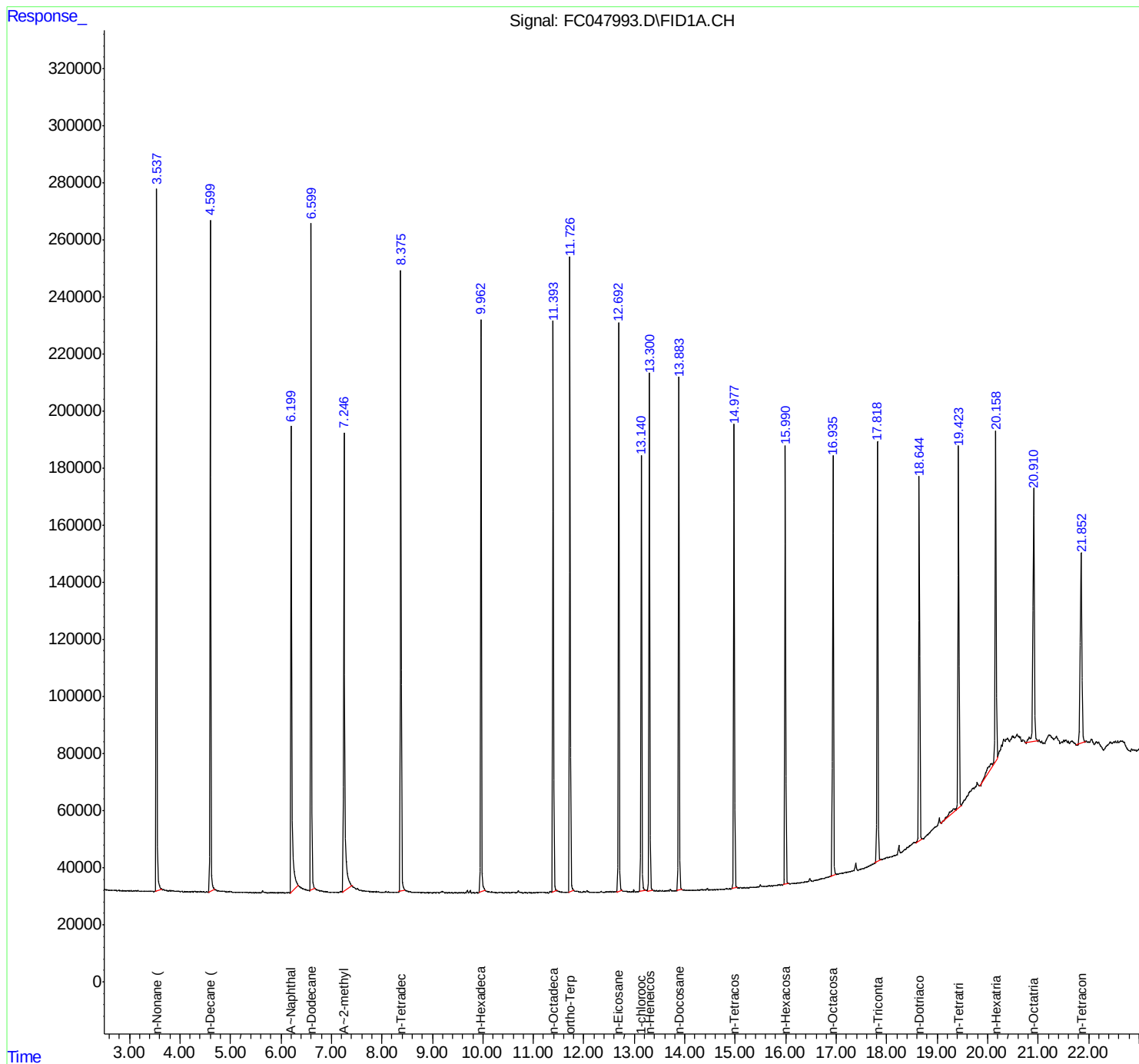
(m)=manual int.

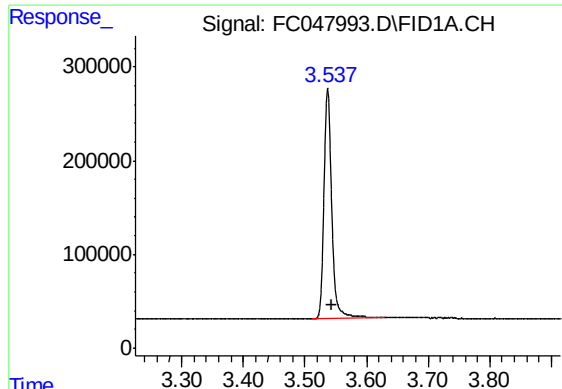
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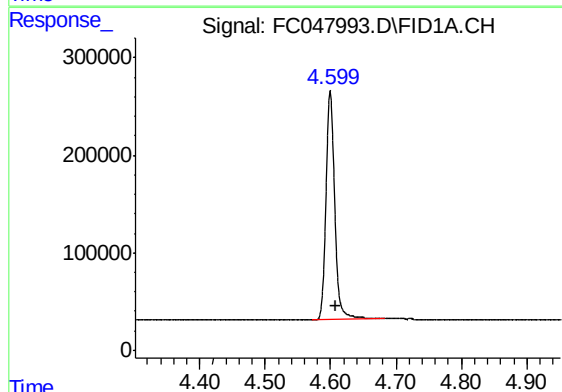




#1 n-Nonane (C9)

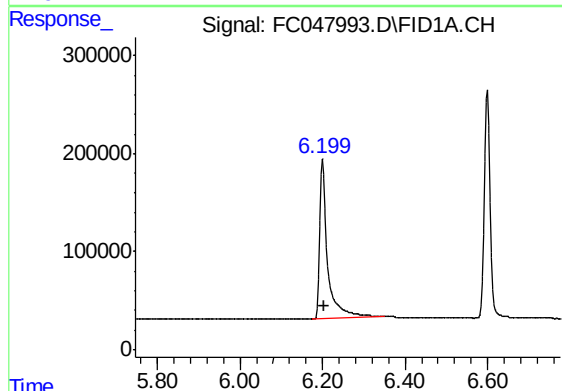
R.T.: 3.537 min
Delta R.T.: -0.007 min
Response: 2138727
Conc: 21.37 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



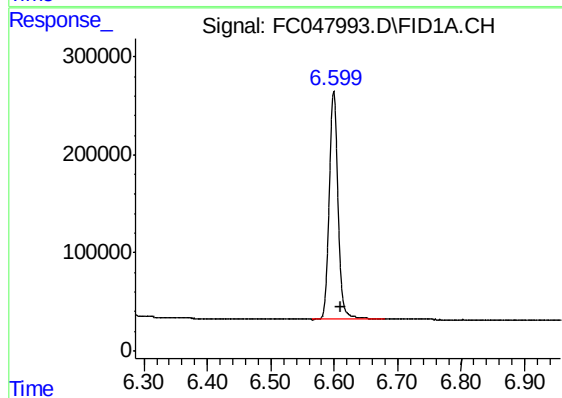
#2 n-Decane (C10)

R.T.: 4.600 min
Delta R.T.: -0.009 min
Response: 2174648
Conc: 21.64 ug/ml



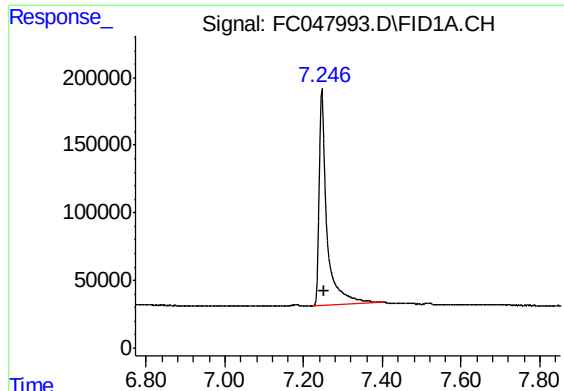
#3 A-Naphthalene (C11.7)

R.T.: 6.200 min
Delta R.T.: -0.004 min
Response: 2152325
Conc: 21.33 ug/ml



#4 n-Dodecane (C12)

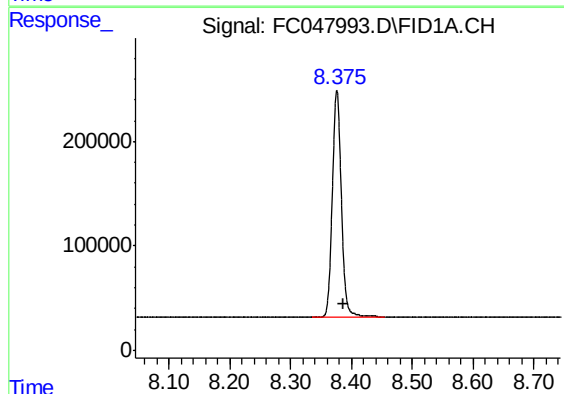
R.T.: 6.599 min
Delta R.T.: -0.011 min
Response: 2259789
Conc: 21.59 ug/ml



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

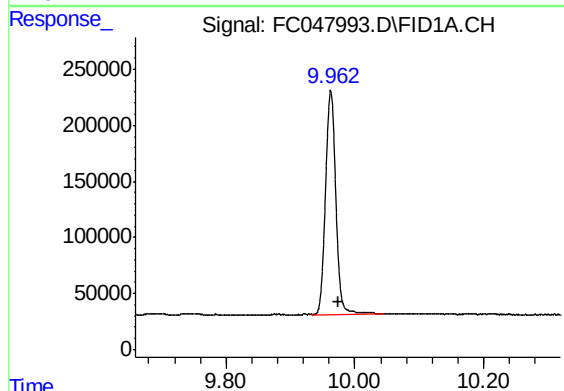
R.T.: 7.246 min
Delta R.T.: -0.007 min
Response: 2181025
Conc: 21.07 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



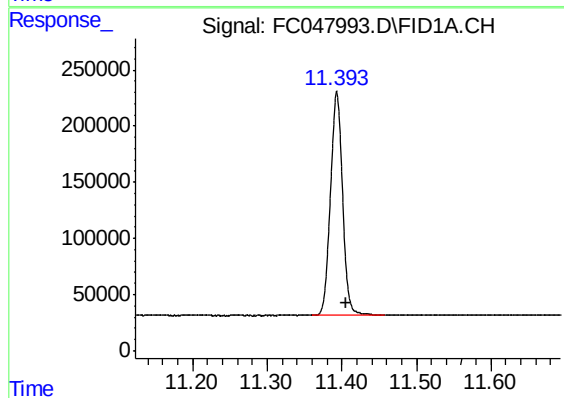
#6 n-Tetradecane (C14)

R.T.: 8.376 min
Delta R.T.: -0.011 min
Response: 2249694
Conc: 21.43 ug/ml



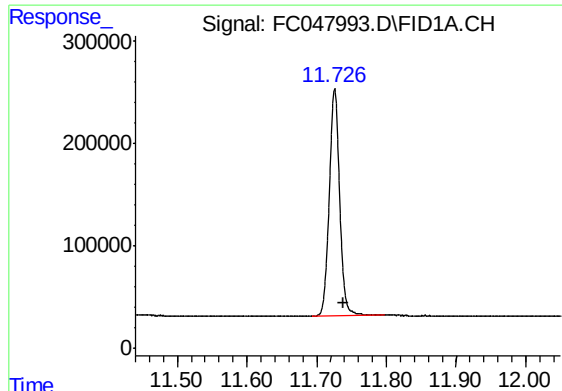
#7 n-Hexadecane (C16)

R.T.: 9.963 min
Delta R.T.: -0.012 min
Response: 2195016
Conc: 21.01 ug/ml



#8 n-Octadecane (C18)

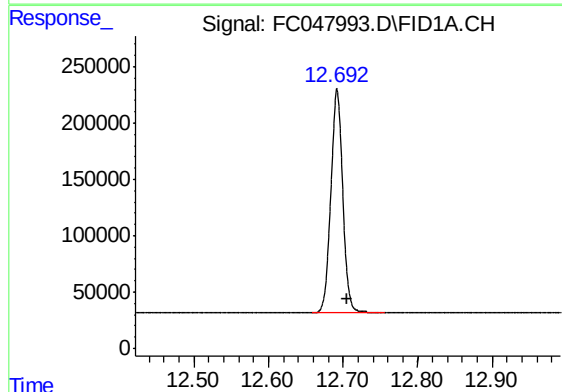
R.T.: 11.393 min
Delta R.T.: -0.013 min
Response: 2236888
Conc: 20.12 ug/ml



#9 ortho-Terphenyl (SURR)

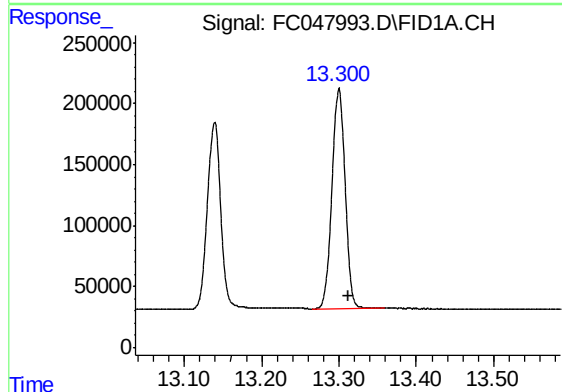
R.T.: 11.726 min
Delta R.T.: -0.013 min
Response: 2288883
Conc: 19.08 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



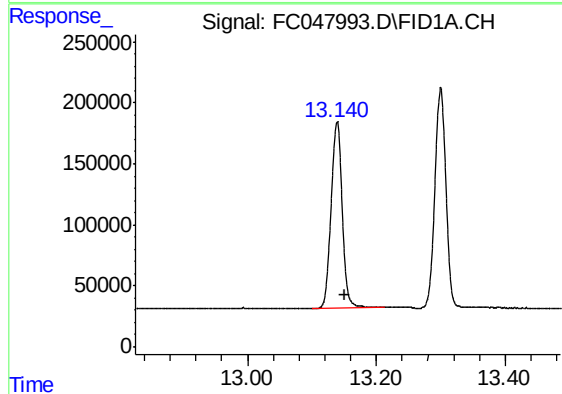
#10 n-Eicosane (C20)

R.T.: 12.692 min
Delta R.T.: -0.013 min
Response: 2190013
Conc: 19.24 ug/ml



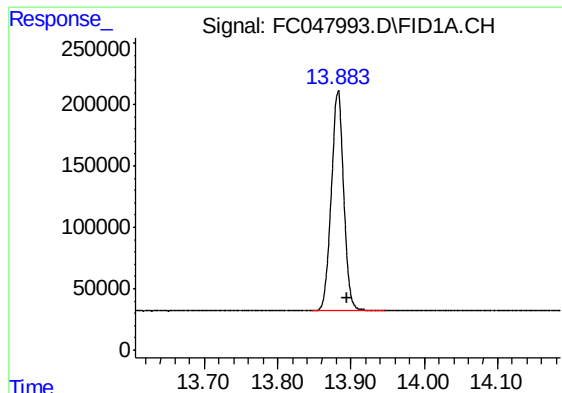
#11 n-Heneicosane (C21)

R.T.: 13.300 min
Delta R.T.: -0.013 min
Response: 2149808
Conc: 18.79 ug/ml



#12 1-chlorooctadecane (SURR)

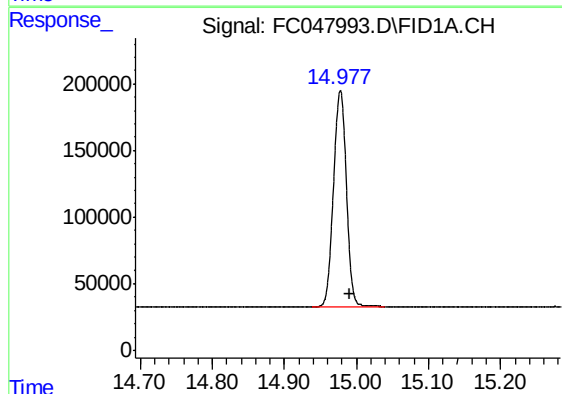
R.T.: 13.139 min
Delta R.T.: -0.011 min
Response: 1832560
Conc: 18.71 ug/ml



#13 n-Docosane (C22)

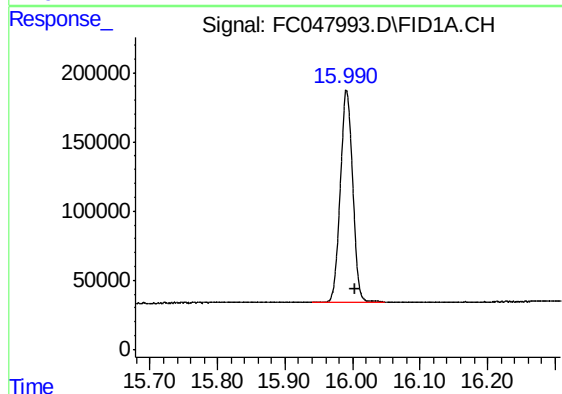
R.T.: 13.882 min
Delta R.T.: -0.013 min
Response: 2104572
Conc: 18.35 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



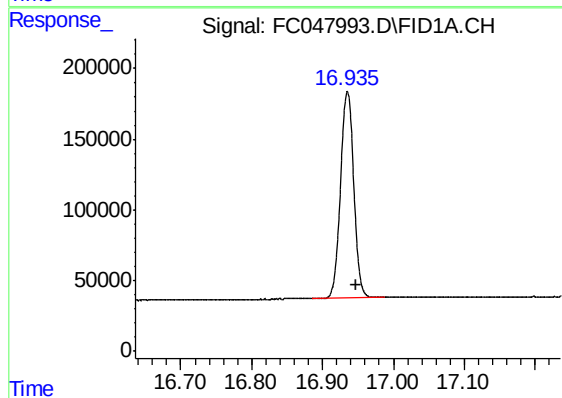
#14 n-Tetracosane (C24)

R.T.: 14.978 min
Delta R.T.: -0.013 min
Response: 2018904
Conc: 17.57 ug/ml



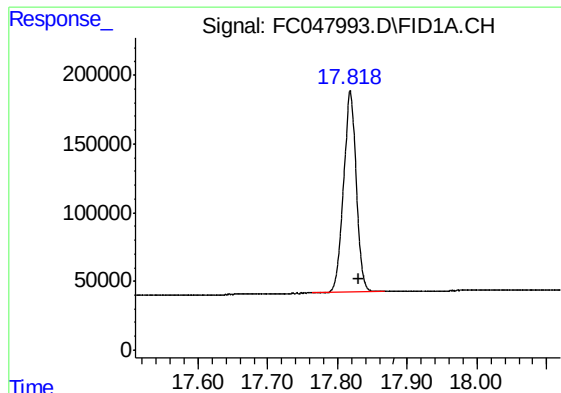
#15 n-Hexacosane (C26)

R.T.: 15.991 min
Delta R.T.: -0.013 min
Response: 1936019
Conc: 16.95 ug/ml



#16 n-Octacosane (C28)

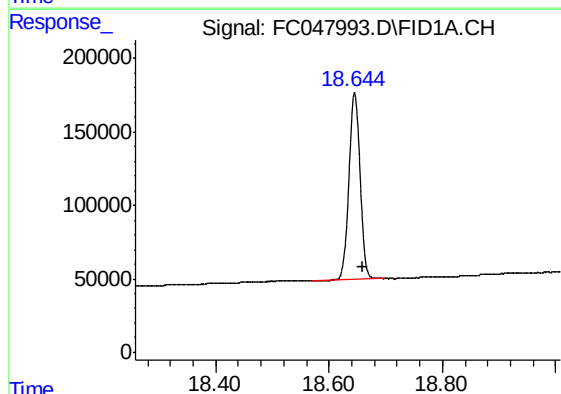
R.T.: 16.935 min
Delta R.T.: -0.013 min
Response: 1903464
Conc: 16.75 ug/ml



#17 n-Tricontane (C30)

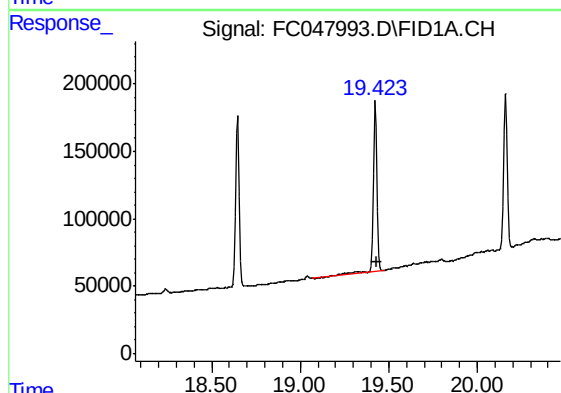
R.T.: 17.818 min
Delta R.T.: -0.013 min
Response: 1856637
Conc: 16.94 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



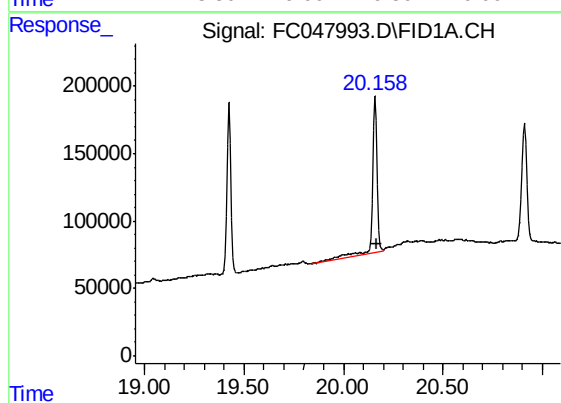
#18 n-Dotriacontane (C32)

R.T.: 18.645 min
Delta R.T.: -0.014 min
Response: 1731965
Conc: 17.47 ug/ml



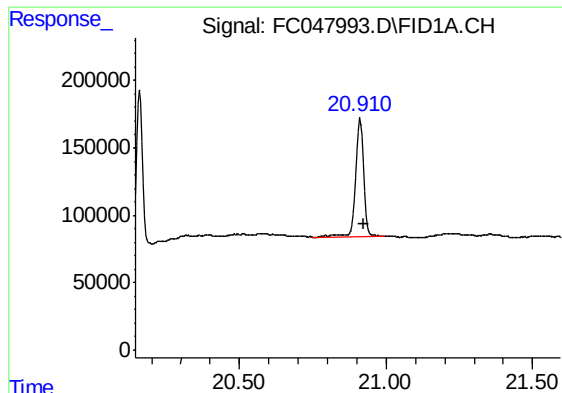
#19 n-Tetratriacontane (C34)

R.T.: 19.424 min
Delta R.T.: -0.012 min
Response: 1779405
Conc: 19.43 ug/ml



#20 n-Hexatriacontane (C36)

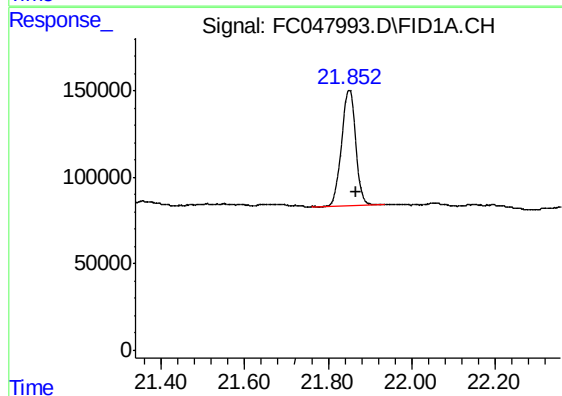
R.T.: 20.159 min
Delta R.T.: -0.009 min
Response: 1823610
Conc: 21.26 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.910 min
Delta R.T.: -0.012 min
Response: 1691497
Conc: 21.24 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.852 min
Delta R.T.: -0.016 min
Response: 1572614
Conc: 19.89 ug/ml