

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC061720AL\
 Data File : FC047890.D
 Signal(s) : FID1A.CH
 Acq On : 17 Jun 2020 12:26
 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 17 13:21:55 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	2296715	19.146 ug/ml
Spiked Amount 50.000		Recovery =	38.29%
12) S 1-chlorooctadecane (S...	13.140	1855870	18.950 ug/ml
Spiked Amount 50.000		Recovery =	37.90%
Target Compounds			
1) T n-Nonane (C9)	3.539	2086164	20.847 ug/ml
2) T n-Decane (C10)	4.601	2107558	20.976 ug/ml
3) T A~Naphthalene (C11.7)	6.200	2097349	20.728 ug/ml
4) T n-Dodecane (C12)	6.600	2190064	20.921 ug/ml
5) T A~2-methylnaphthalene...	7.247	2114870	20.427 ug/ml
6) T n-Tetradecane (C14)	8.377	2180836	20.779 ug/ml
7) T n-Hexadecane (C16)	9.963	2140910	20.491 ug/ml
8) T n-Octadecane (C18)	11.394	2207733	19.861 ug/ml
10) T n-Eicosane (C20)	12.694	2194100	19.280 ug/ml
11) T n-Heneicosane (C21)	13.301	2169661	18.960 ug/ml
13) T n-Docosane (C22)	13.883	2134425	18.607 ug/ml
14) T n-Tetracosane (C24)	14.978	2058811	17.916 ug/ml
15) T n-Hexacosane (C26)	15.991	1969760	17.245 ug/ml
16) T n-Octacosane (C28)	16.934	1922876	16.918 ug/ml
17) T n-Tricontane (C30)	17.817	1878009	17.136 ug/ml
18) T n-Dotriacontane (C32)	18.644	1742133	17.574 ug/ml
19) T n-Tetratriacontane (C34)	19.422	1650309	18.019 ug/ml
20) T n-Hexatriacontane (C36)	20.157	1588065	18.518 ug/ml
21) T n-Octatriacontane (C38)	20.909	1526390	19.167 ug/ml
22) T n-Tetracontane (C40)	21.847	1566858	19.817 ug/ml

(f)=RT Delta > 1/2 Window

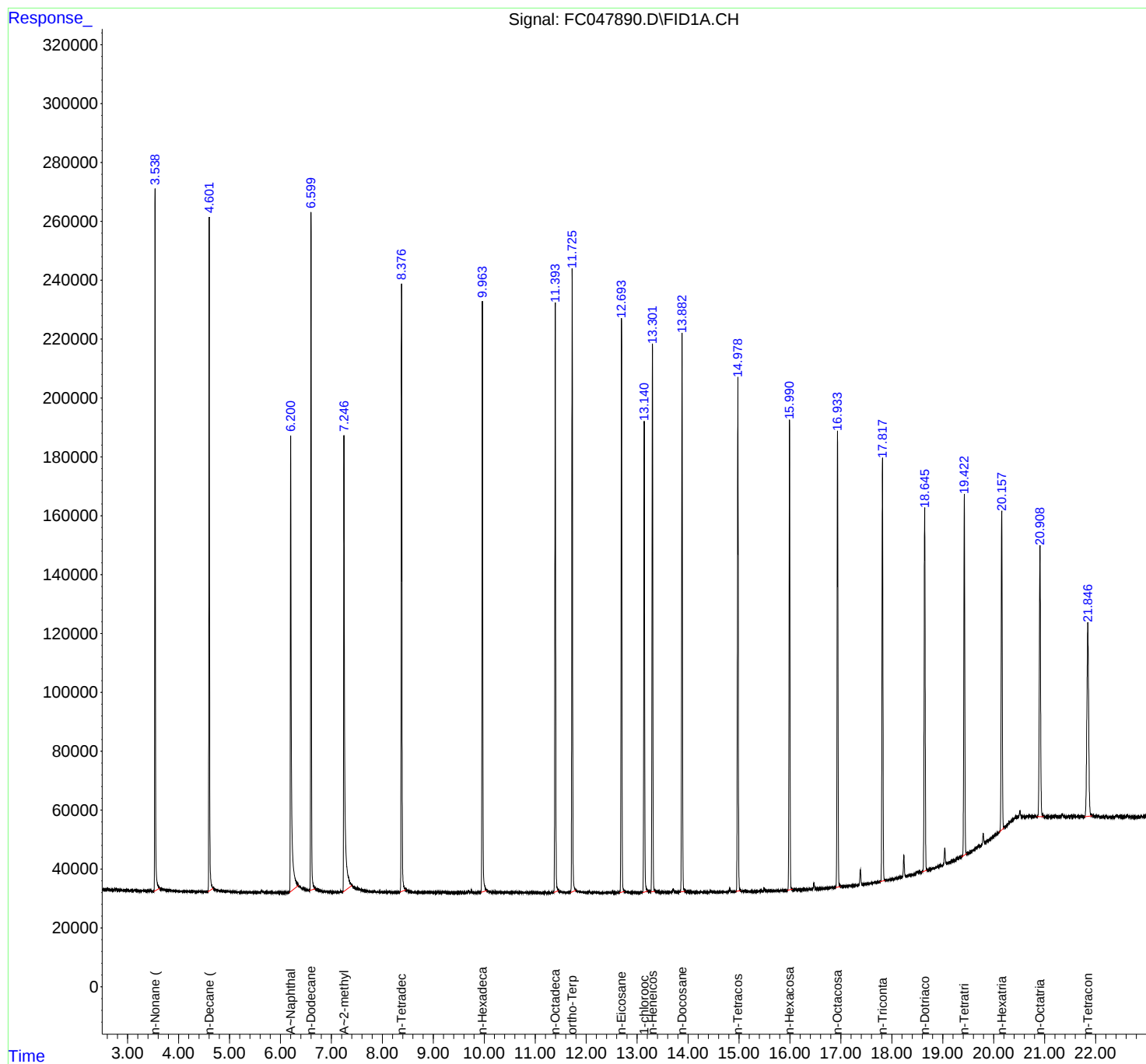
(m)=manual int.

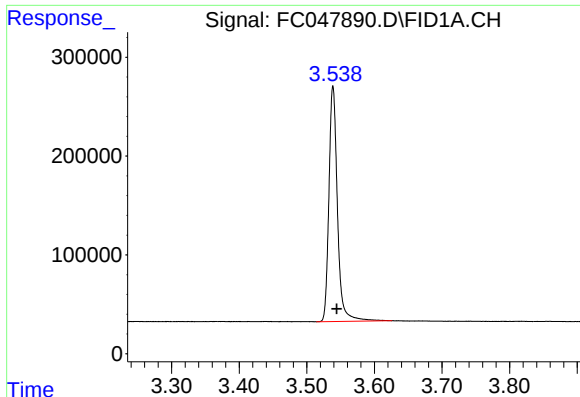
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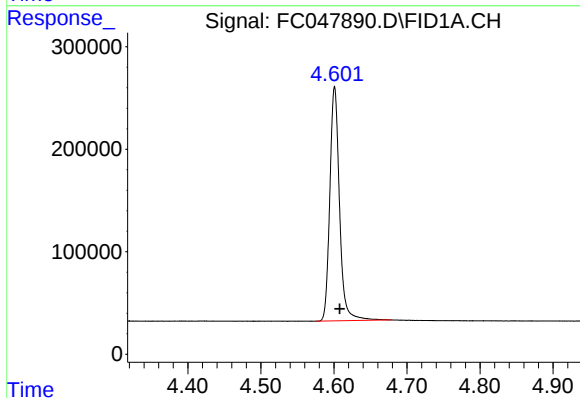




#1 n-Nonane (C9)

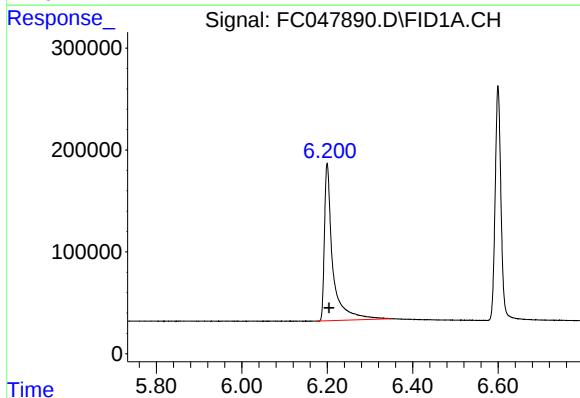
R.T.: 3.539 min
Delta R.T.: -0.005 min
Response: 2086164
Conc: 20.85 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



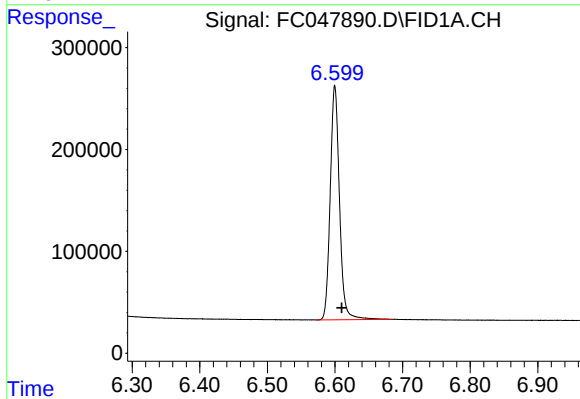
#2 n-Decane (C10)

R.T.: 4.601 min
Delta R.T.: -0.007 min
Response: 2107558
Conc: 20.98 ug/ml



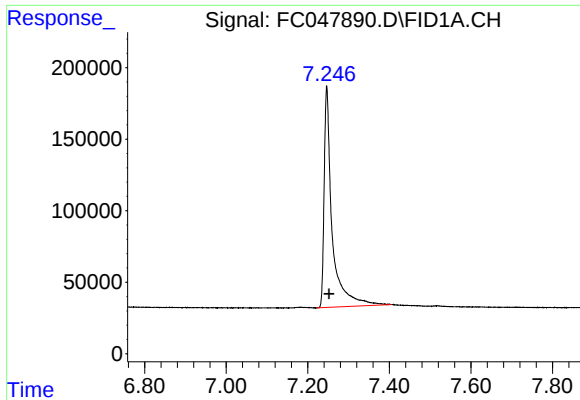
#3 A~Naphthalene (C11.7)

R.T.: 6.200 min
Delta R.T.: -0.004 min
Response: 2097349
Conc: 20.73 ug/ml



#4 n-Dodecane (C12)

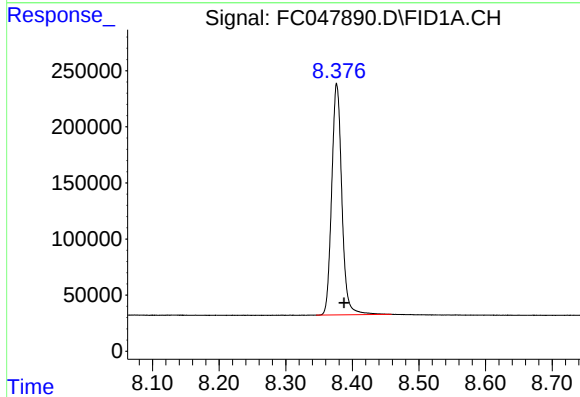
R.T.: 6.600 min
Delta R.T.: -0.010 min
Response: 2190064
Conc: 20.92 ug/ml



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

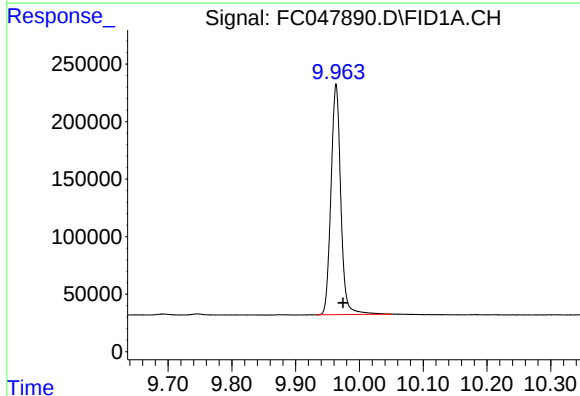
R.T.: 7.247 min
Delta R.T.: -0.006 min
Response: 2114870
Conc: 20.43 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



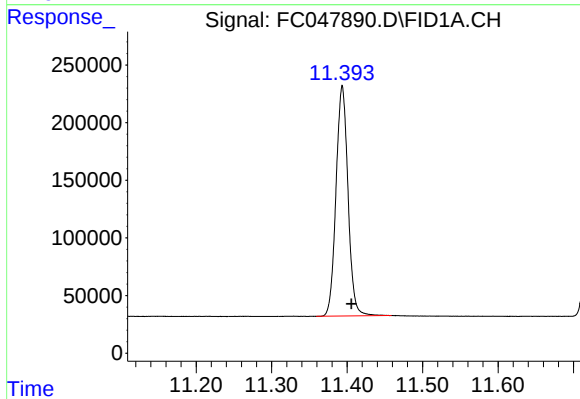
#6 n-Tetradecane (C14)

R.T.: 8.377 min
Delta R.T.: -0.011 min
Response: 2180836
Conc: 20.78 ug/ml



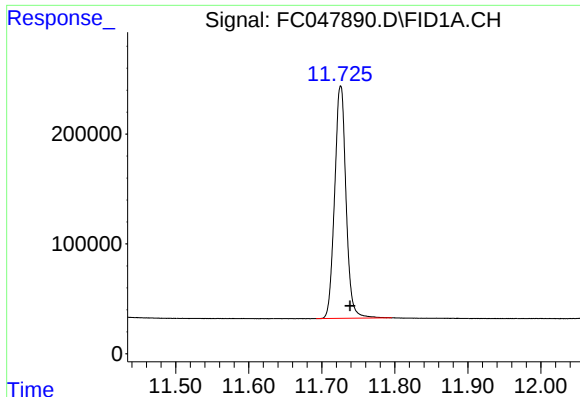
#7 n-Hexadecane (C16)

R.T.: 9.963 min
Delta R.T.: -0.011 min
Response: 2140910
Conc: 20.49 ug/ml



#8 n-Octadecane (C18)

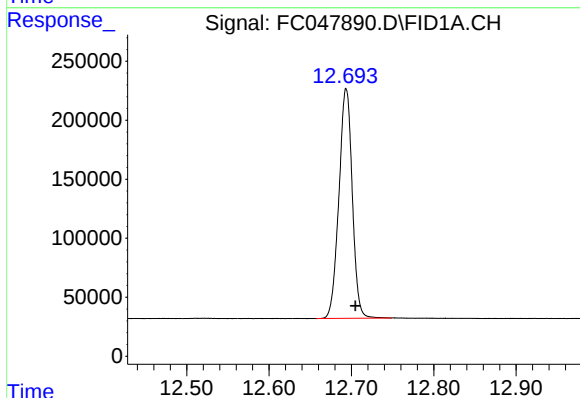
R.T.: 11.394 min
Delta R.T.: -0.012 min
Response: 2207733
Conc: 19.86 ug/ml



#9 ortho-Terphenyl (SURR)

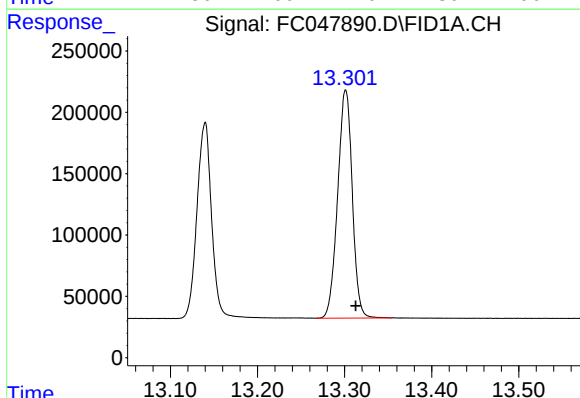
R.T.: 11.726 min
Delta R.T.: -0.013 min
Response: 2296715
Conc: 19.15 ug/ml

Instrument :
FID_C
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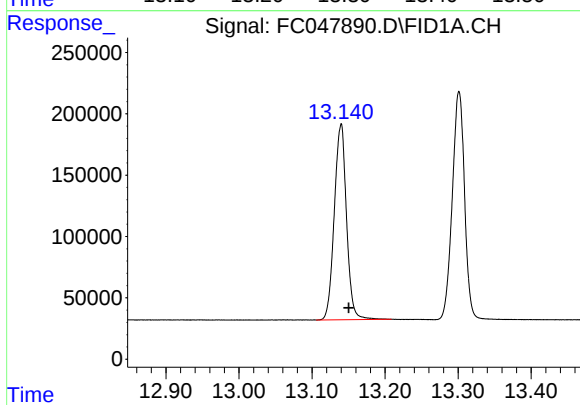
#10 n-Eicosane (C20)

R.T.: 12.694 min
Delta R.T.: -0.011 min
Response: 2194100
Conc: 19.28 ug/ml



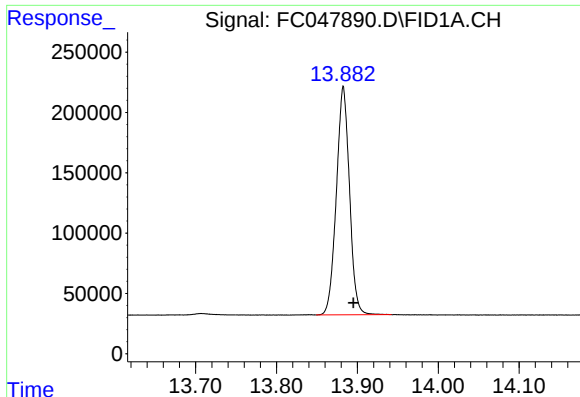
#11 n-Heneicosane (C21)

R.T.: 13.301 min
Delta R.T.: -0.011 min
Response: 2169661
Conc: 18.96 ug/ml



#12 1-chlorooctadecane (SURR)

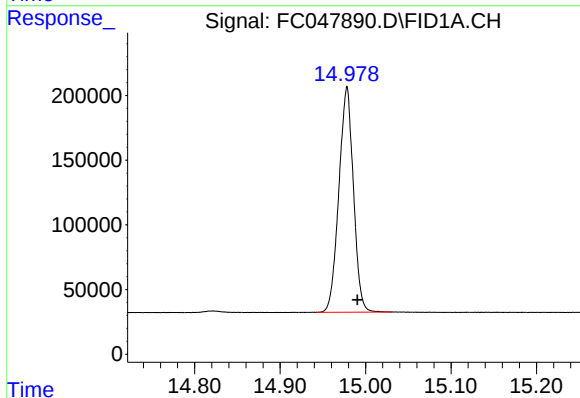
R.T.: 13.140 min
Delta R.T.: -0.010 min
Response: 1855870
Conc: 18.95 ug/ml



#13 n-Docosane (C22)

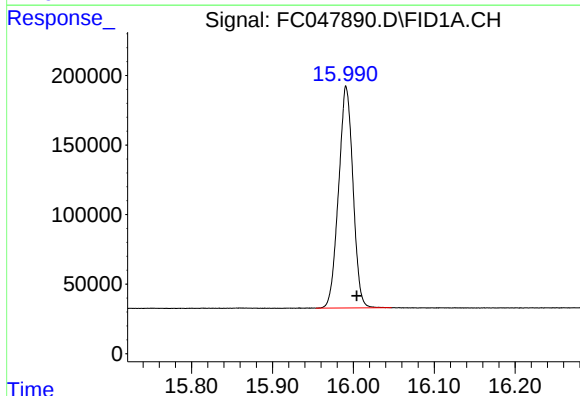
R.T.: 13.883 min
Delta R.T.: -0.013 min
Response: 2134425
Conc: 18.61 ug/ml

Instrument :
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ClientSampleId :
20 PPM ALIPHATIC HC STD



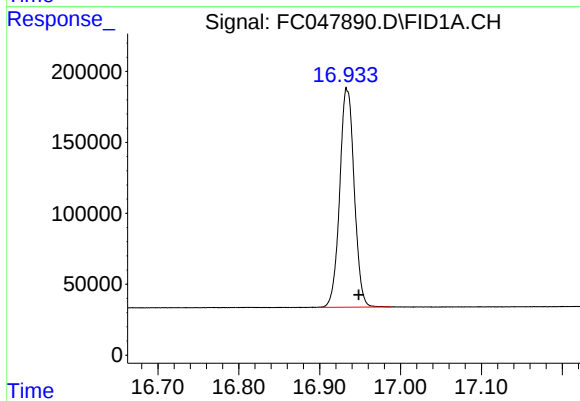
#14 n-Tetracosane (C24)

R.T.: 14.978 min
Delta R.T.: -0.012 min
Response: 2058811
Conc: 17.92 ug/ml



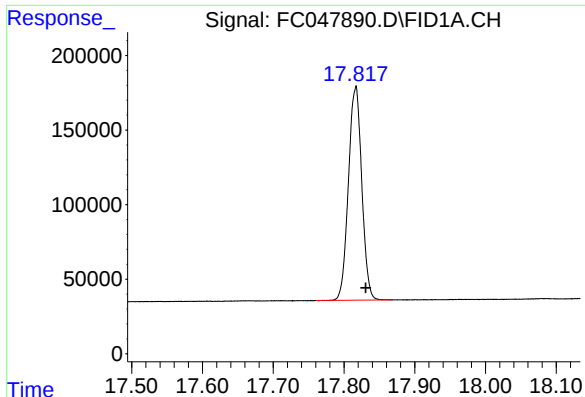
#15 n-Hexacosane (C26)

R.T.: 15.991 min
Delta R.T.: -0.013 min
Response: 1969760
Conc: 17.24 ug/ml



#16 n-Octacosane (C28)

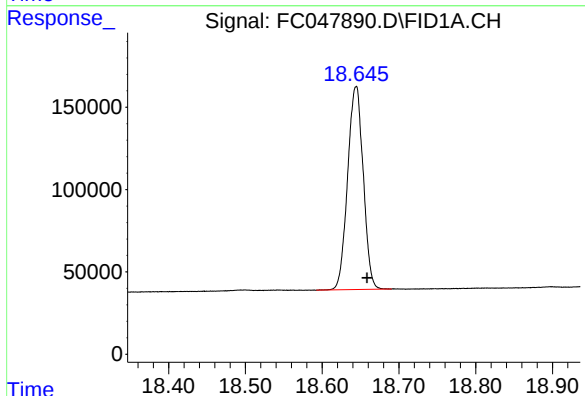
R.T.: 16.934 min
Delta R.T.: -0.014 min
Response: 1922876
Conc: 16.92 ug/ml



#17 n-Tricontane (C30)

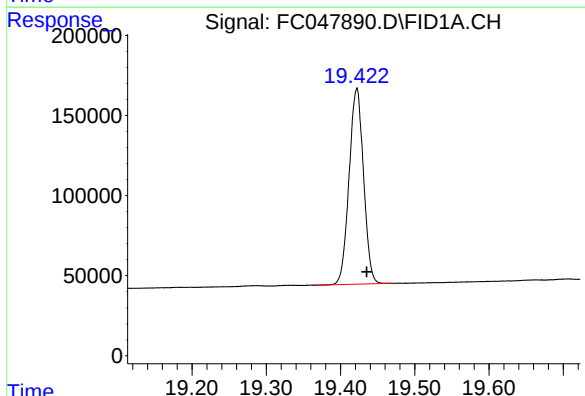
R.T.: 17.817 min
Delta R.T.: -0.014 min
Response: 1878009
Conc: 17.14 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



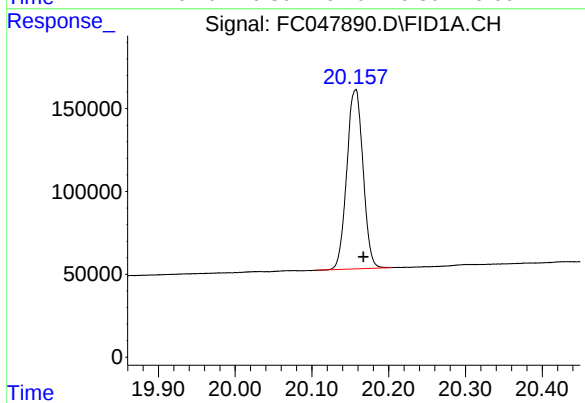
#18 n-Dotriacontane (C32)

R.T.: 18.644 min
Delta R.T.: -0.014 min
Response: 1742133
Conc: 17.57 ug/ml



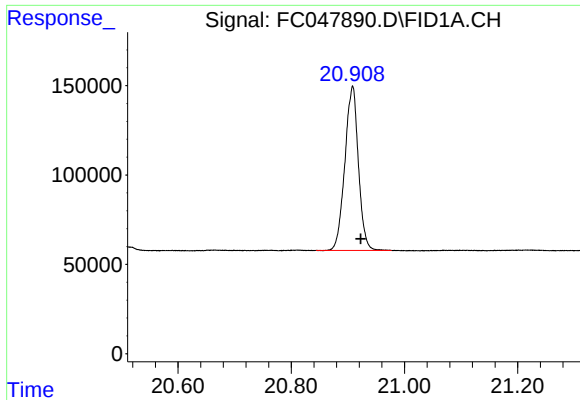
#19 n-Tetratriacontane (C34)

R.T.: 19.422 min
Delta R.T.: -0.013 min
Response: 1650309
Conc: 18.02 ug/ml



#20 n-Hexatriacontane (C36)

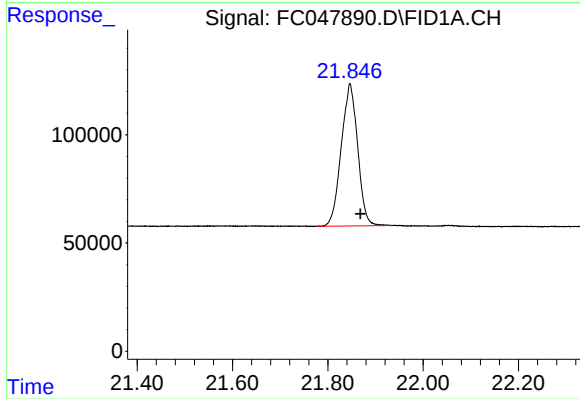
R.T.: 20.157 min
Delta R.T.: -0.010 min
Response: 1588065
Conc: 18.52 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.909 min
Delta R.T.: -0.014 min
Response: 1526390
Conc: 19.17 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.847 min
Delta R.T.: -0.021 min
Response: 1566858
Conc: 19.82 ug/ml