

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC052620AL\
 Data File : FC047580.D
 Signal(s) : FID1A.CH
 Acq On : 26 May 2020 10:35
 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: May 27 02:12:48 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 050820.M
 Quant Title : GC Extractables
 QLast Update : Fri May 08 16:49:27 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)	11.736	2144363	17.938 ug/ml
Spiked Amount 50.000		Recovery =	35.88%
12) S 1-chlorooctadecane (S...	13.148	1730749	17.646 ug/ml
Spiked Amount 50.000		Recovery =	35.29%
Target Compounds			
1) T n-Nonane (C9)	3.545	2026211	19.987 ug/ml
2) T n-Decane (C10)	4.609	2062291	20.181 ug/ml
3) T A~Naphthalene (C11.7)	6.208	2051782	19.704 ug/ml
4) T n-Dodecane (C12)	6.609	2116322	20.036 ug/ml
5) T A~2-methylnaphthalene...	7.255	2011496	19.155 ug/ml
6) T n-Tetradecane (C14)	8.386	2088514	19.745 ug/ml
7) T n-Hexadecane (C16)	9.973	2031136	19.196 ug/ml
8) T n-Octadecane (C18)	11.403	2081862	18.592 ug/ml
10) T n-Eicosane (C20)	12.703	2062554	18.126 ug/ml
11) T n-Heneicosane (C21)	13.311	2032181	17.875 ug/ml
13) T n-Docosane (C22)	13.893	2033422	17.894 ug/ml
14) T n-Tetracosane (C24)	14.989	2026444	17.910 ug/ml
15) T n-Hexacosane (C26)	16.001	1973139	17.617 ug/ml
16) T n-Octacosane (C28)	16.946	1958045	17.555 ug/ml
17) T n-Tricontane (C30)	17.828	1905973	17.628 ug/ml
18) T n-Dotriacontane (C32)	18.654	1747102	17.717 ug/ml
19) T n-Tetratriacontane (C34)	19.431	1648588	17.973 ug/ml
20) T n-Hexatriacontane (C36)	20.167	1614266	18.614 ug/ml
21) T n-Octatriacontane (C38)	20.919	1541914	19.110 ug/ml
22) T n-Tetracontane (C40)	21.860	1555450	19.127 ug/ml

(f)=RT Delta > 1/2 Window

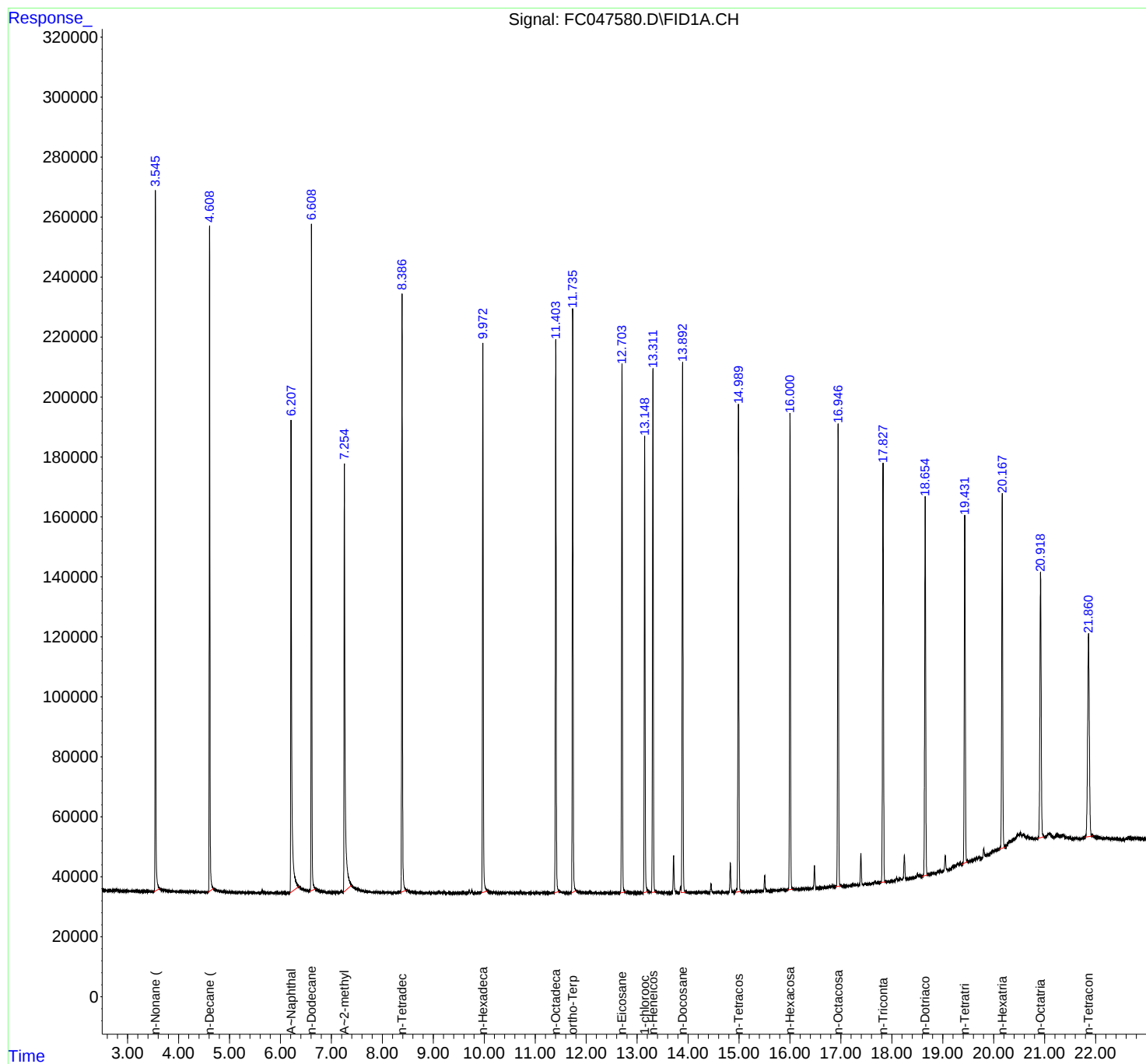
(m)=manual int.

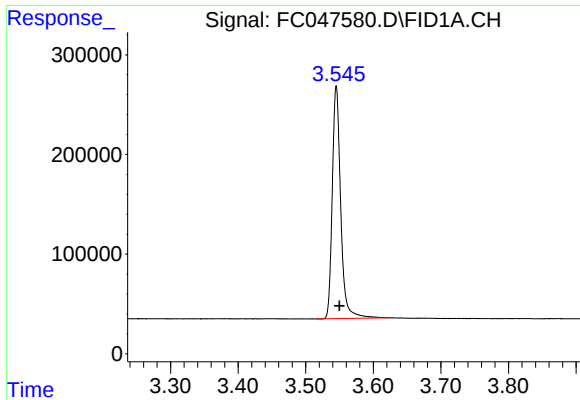
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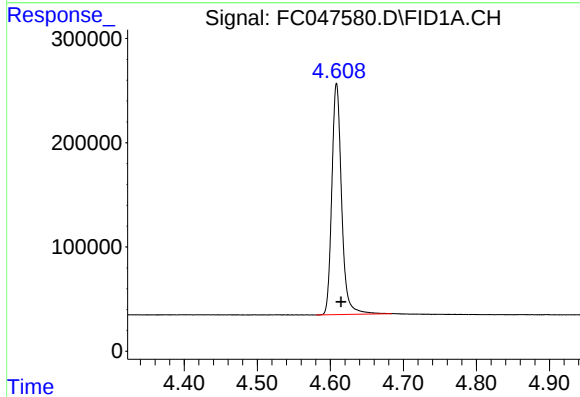




#1 n-Nonane (C9)

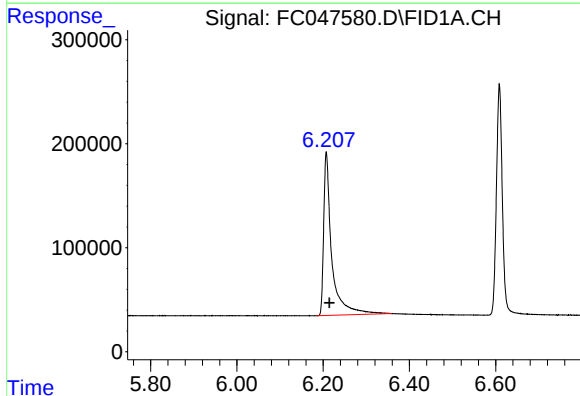
R.T.: 3.545 min
Delta R.T.: -0.005 min
Response: 2026211
Conc: 19.99 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



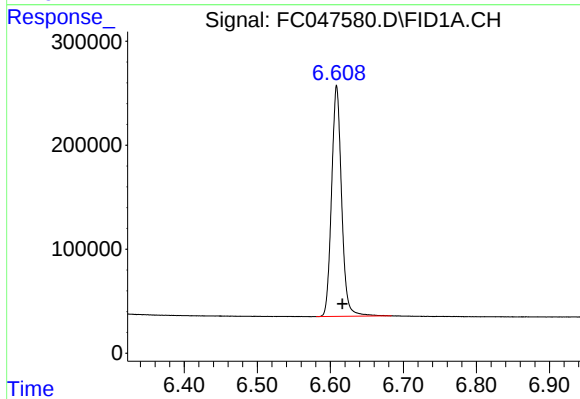
#2 n-Decane (C10)

R.T.: 4.609 min
Delta R.T.: -0.006 min
Response: 2062291
Conc: 20.18 ug/ml



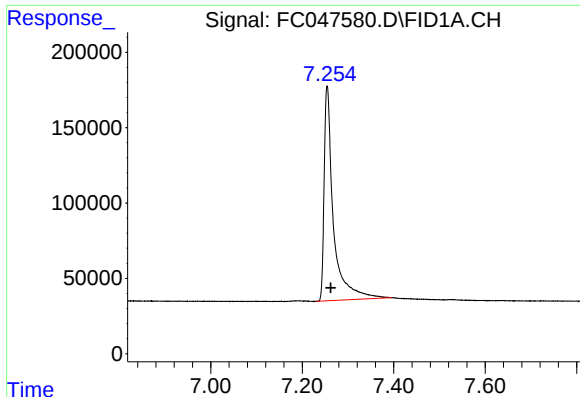
#3 A~Naphthalene (C11.7)

R.T.: 6.208 min
Delta R.T.: -0.007 min
Response: 2051782
Conc: 19.70 ug/ml



#4 n-Dodecane (C12)

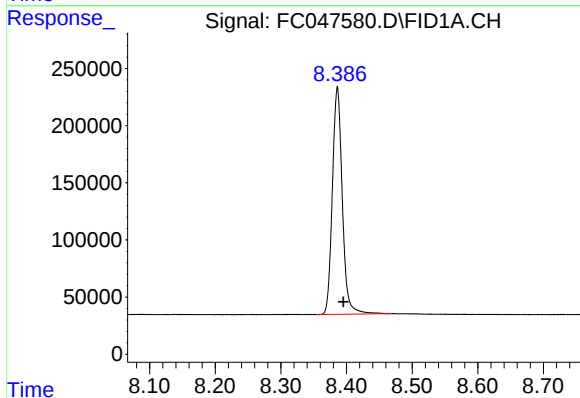
R.T.: 6.609 min
Delta R.T.: -0.008 min
Response: 2116322
Conc: 20.04 ug/ml



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

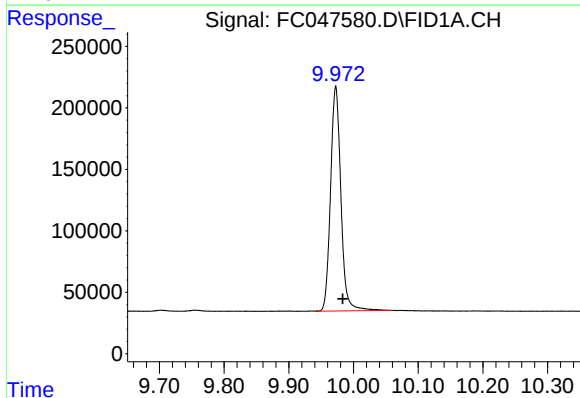
R.T.: 7.255 min
Delta R.T.: -0.008 min
Response: 2011496
Conc: 19.15 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



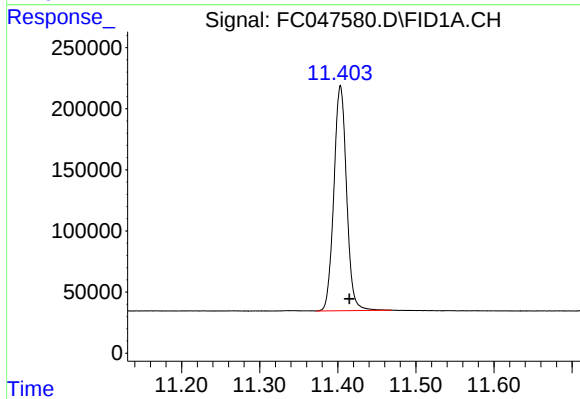
#6 n-Tetradecane (C14)

R.T.: 8.386 min
Delta R.T.: -0.009 min
Response: 2088514
Conc: 19.74 ug/ml



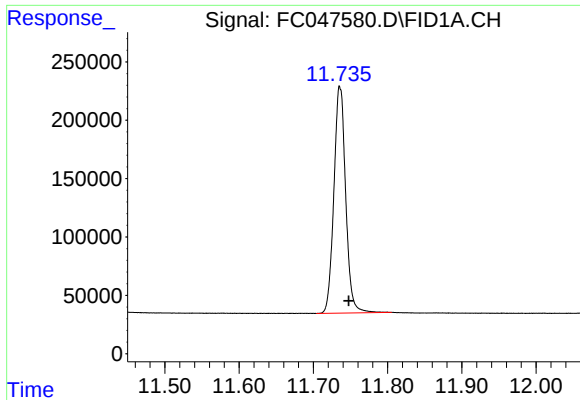
#7 n-Hexadecane (C16)

R.T.: 9.973 min
Delta R.T.: -0.011 min
Response: 2031136
Conc: 19.20 ug/ml



#8 n-Octadecane (C18)

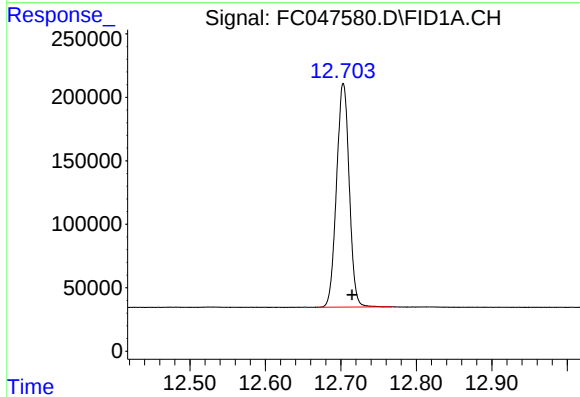
R.T.: 11.403 min
Delta R.T.: -0.012 min
Response: 2081862
Conc: 18.59 ug/ml



#9 ortho-Terphenyl (SURR)

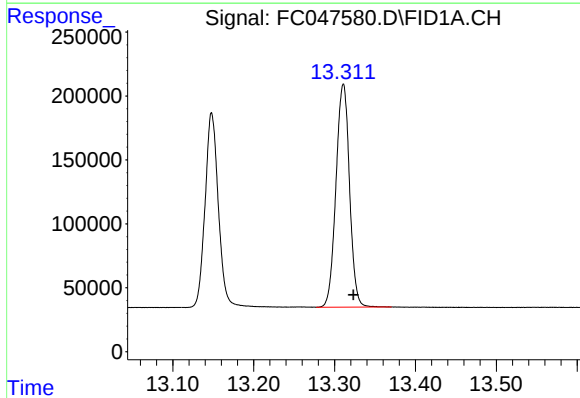
R.T.: 11.736 min
Delta R.T.: -0.012 min
Response: 2144363
Conc: 17.94 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



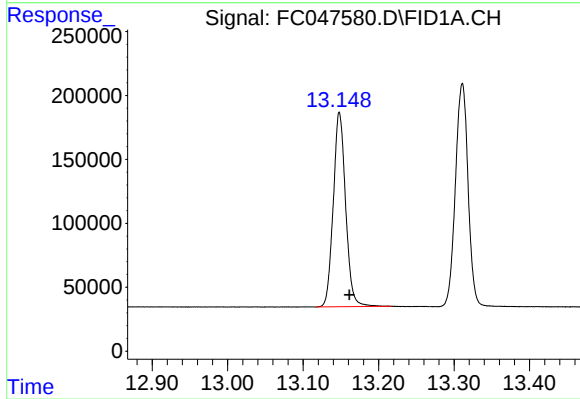
#10 n-Eicosane (C20)

R.T.: 12.703 min
Delta R.T.: -0.012 min
Response: 2062554
Conc: 18.13 ug/ml



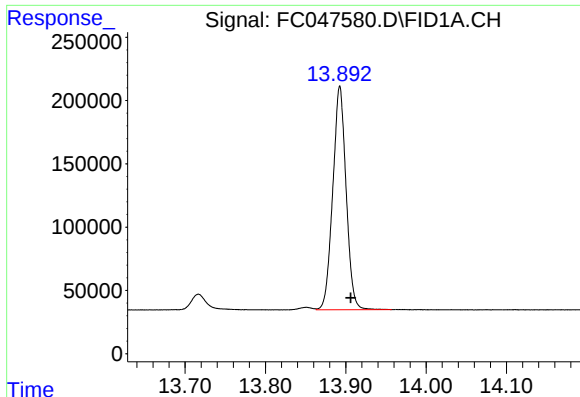
#11 n-Heneicosane (C21)

R.T.: 13.311 min
Delta R.T.: -0.013 min
Response: 2032181
Conc: 17.87 ug/ml



#12 1-chlorooctadecane (SURR)

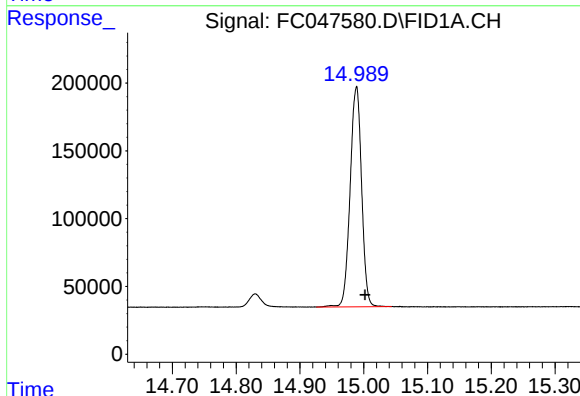
R.T.: 13.148 min
Delta R.T.: -0.013 min
Response: 1730749
Conc: 17.65 ug/ml



#13 n-Docosane (C22)

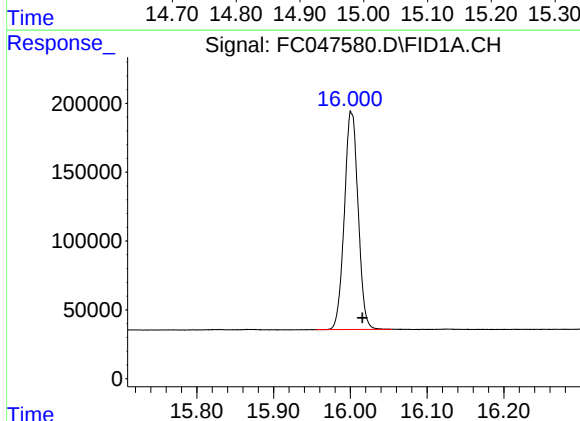
R.T.: 13.893 min
Delta R.T.: -0.014 min
Response: 2033422
Conc: 17.89 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



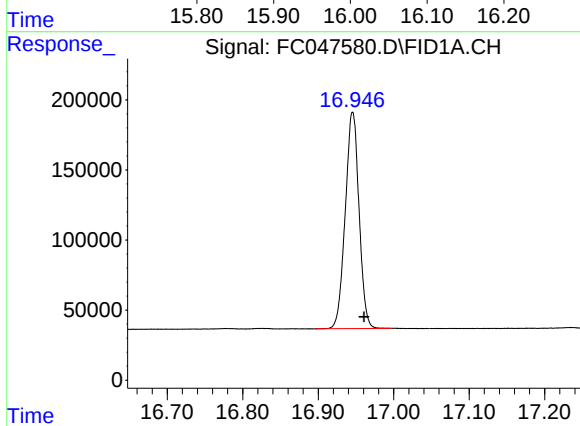
#14 n-Tetracosane (C24)

R.T.: 14.989 min
Delta R.T.: -0.013 min
Response: 2026444
Conc: 17.91 ug/ml



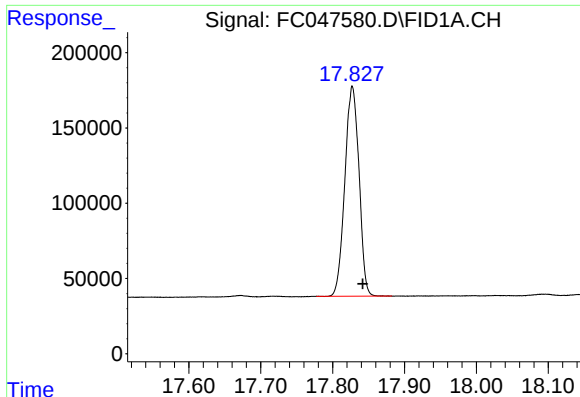
#15 n-Hexacosane (C26)

R.T.: 16.001 min
Delta R.T.: -0.015 min
Response: 1973139
Conc: 17.62 ug/ml



#16 n-Octacosane (C28)

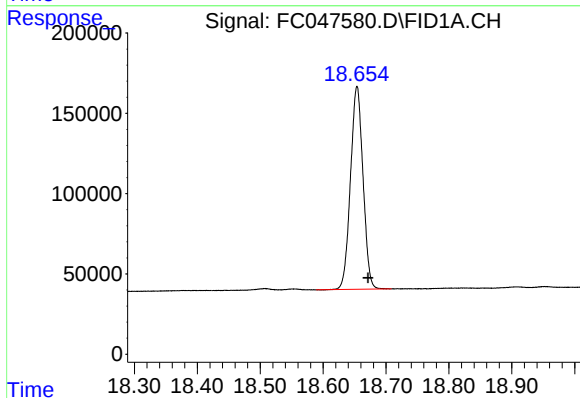
R.T.: 16.946 min
Delta R.T.: -0.015 min
Response: 1958045
Conc: 17.56 ug/ml



#17 n-Tricontane (C30)

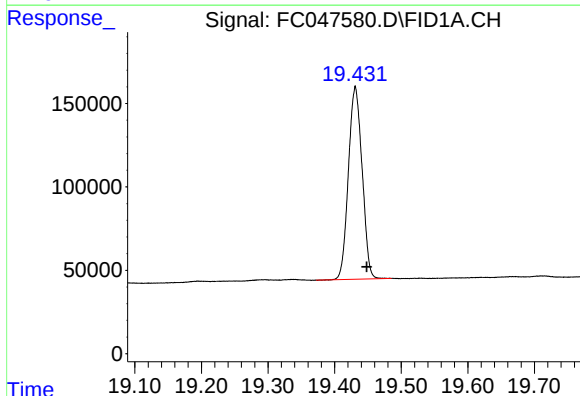
R.T.: 17.828 min
Delta R.T.: -0.015 min
Response: 1905973
Conc: 17.63 ug/ml

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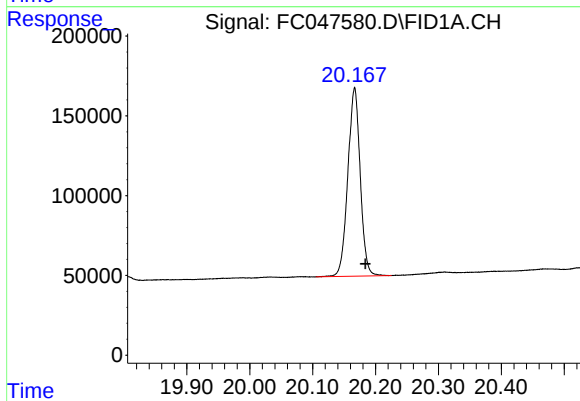
#18 n-Dotriacontane (C32)

R.T.: 18.654 min
Delta R.T.: -0.018 min
Response: 1747102
Conc: 17.72 ug/ml



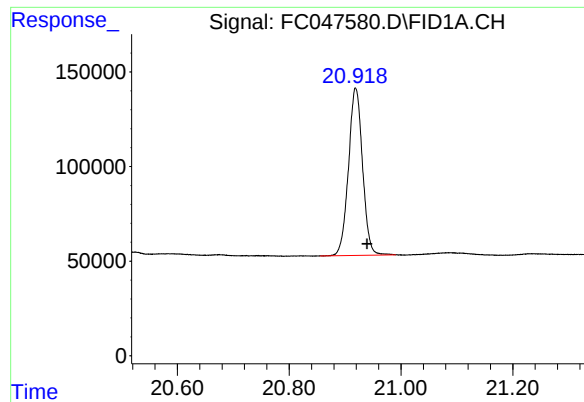
#19 n-Tetratriacontane (C34)

R.T.: 19.431 min
Delta R.T.: -0.017 min
Response: 1648588
Conc: 17.97 ug/ml



#20 n-Hexatriacontane (C36)

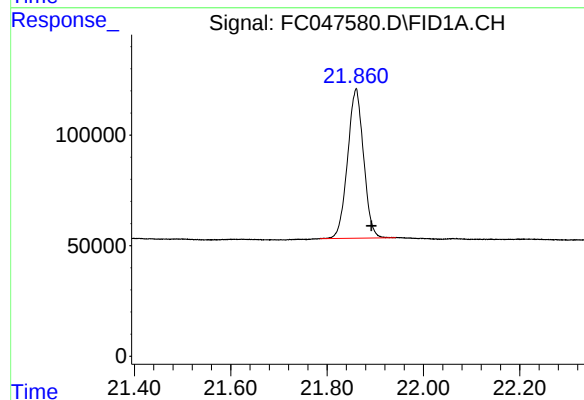
R.T.: 20.167 min
Delta R.T.: -0.017 min
Response: 1614266
Conc: 18.61 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.919 min
Delta R.T.: -0.021 min
Response: 1541914
Conc: 19.11 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.860 min
Delta R.T.: -0.032 min
Response: 1555450
Conc: 19.13 ug/ml