

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060420AL\
 Data File : FC047730.D
 Signal(s) : FID1A.CH
 Acq On : 04 Jun 2020 21:14
 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 05 05:34:09 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	2134489	17.856 ug/ml
Spiked Amount 50.000		Recovery =	35.71%
12) S 1-chlorooctadecane (S...	13.149	1714888	17.484 ug/ml
Spiked Amount 50.000		Recovery =	34.97%
Target Compounds			
1) T n-Nonane (C9)	3.545	2047613	20.198 ug/ml
2) T n-Decane (C10)	4.607	2063212	20.190 ug/ml
3) T A~Naphthalene (C11.7)	6.206	2000580	19.213 ug/ml
4) T n-Dodecane (C12)	6.607	2106139	19.940 ug/ml
5) T A~2-methylnaphthalene...	7.254	2007263	19.114 ug/ml
6) T n-Tetradecane (C14)	8.385	2077133	19.637 ug/ml
7) T n-Hexadecane (C16)	9.972	2016894	19.062 ug/ml
8) T n-Octadecane (C18)	11.403	2071017	18.495 ug/ml
10) T n-Eicosane (C20)	12.702	2034699	17.882 ug/ml
11) T n-Heneicosane (C21)	13.310	2010467	17.684 ug/ml
13) T n-Docosane (C22)	13.892	1976731	17.395 ug/ml
14) T n-Tetracosane (C24)	14.988	1922127	16.988 ug/ml
15) T n-Hexacosane (C26)	16.003	1868100	16.679 ug/ml
16) T n-Octacosane (C28)	16.946	1861869	16.693 ug/ml
17) T n-Tricontane (C30)	17.828	1848422	17.096 ug/ml
18) T n-Dotriacontane (C32)	18.655	1734173	17.585 ug/ml
19) T n-Tetratriacontane (C34)	19.435	1648673	17.974 ug/ml
20) T n-Hexatriacontane (C36)	20.171	1596873	18.413 ug/ml
21) T n-Octatriacontane (C38)	20.925	1524829	18.898 ug/ml
22) T n-Tetracontane (C40)	21.867	1565165	19.247 ug/ml

(f)=RT Delta > 1/2 Window

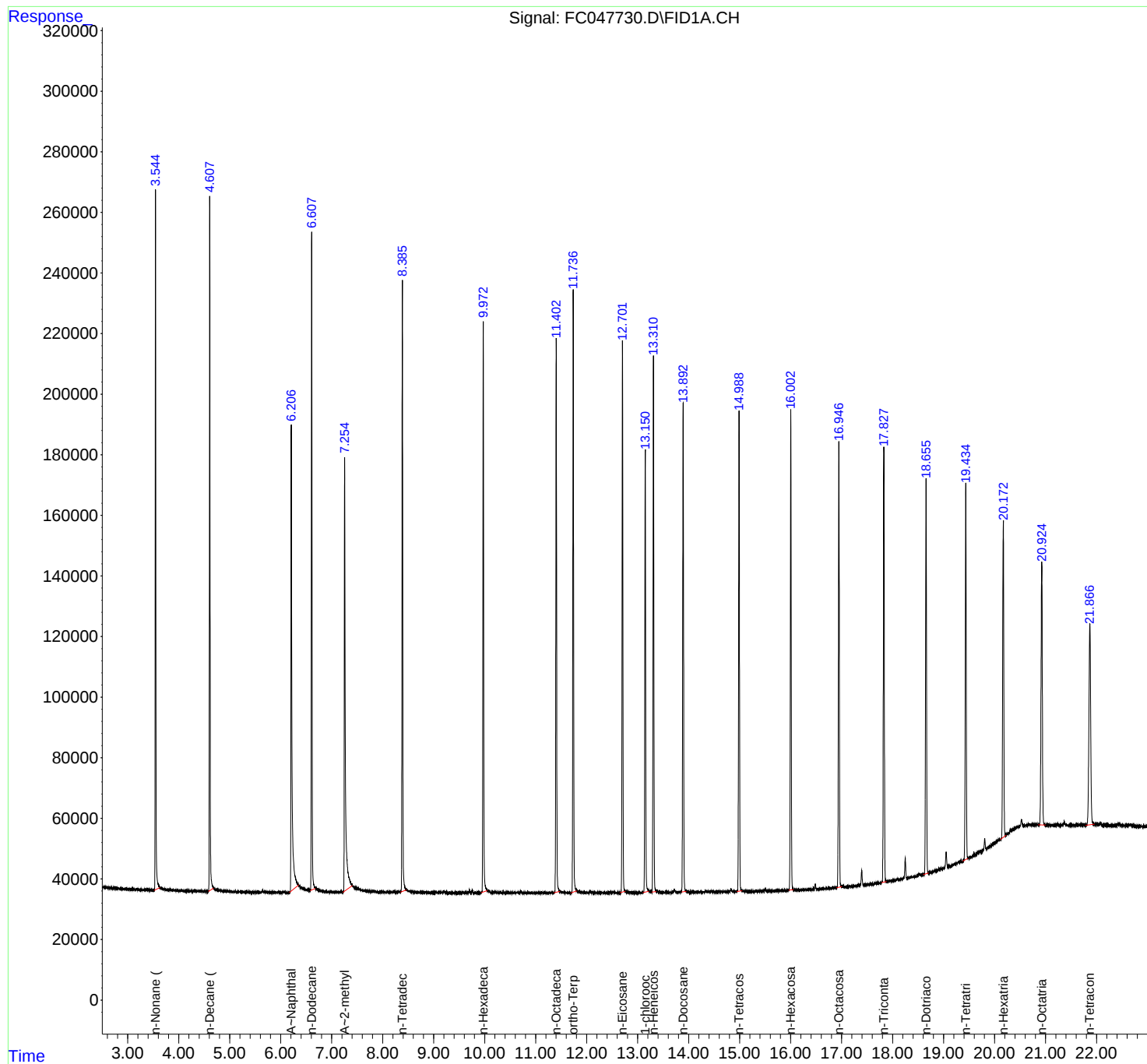
(m)=manual int.

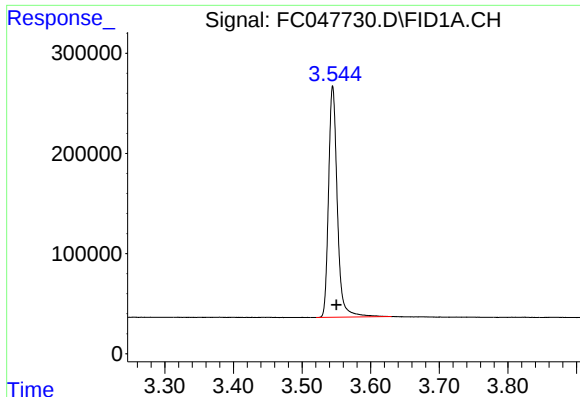
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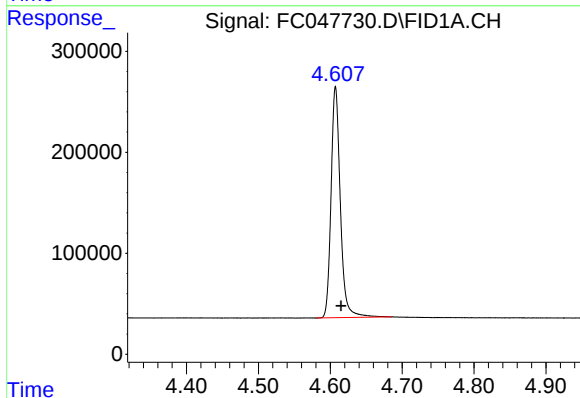




#1 n-Nonane (C9)

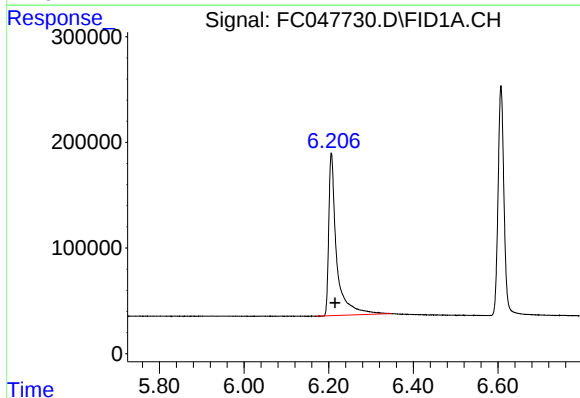
R.T.: 3.545 min
Delta R.T.: -0.005 min
Response: 2047613
Conc: 20.20 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



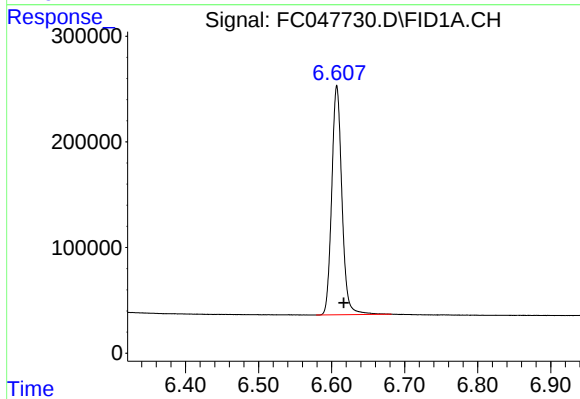
#2 n-Decane (C10)

R.T.: 4.607 min
Delta R.T.: -0.008 min
Response: 2063212
Conc: 20.19 ug/ml



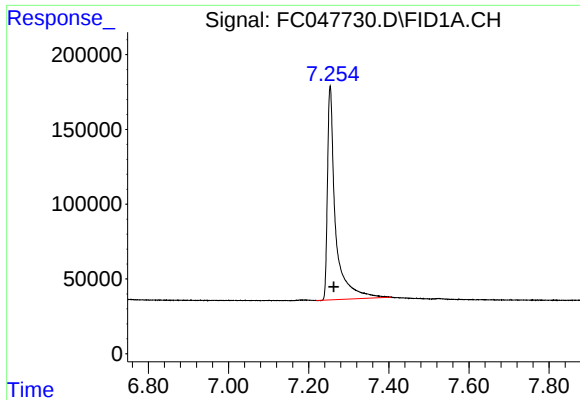
#3 A~Naphthalene (C11.7)

R.T.: 6.206 min
Delta R.T.: -0.008 min
Response: 2000580
Conc: 19.21 ug/ml



#4 n-Dodecane (C12)

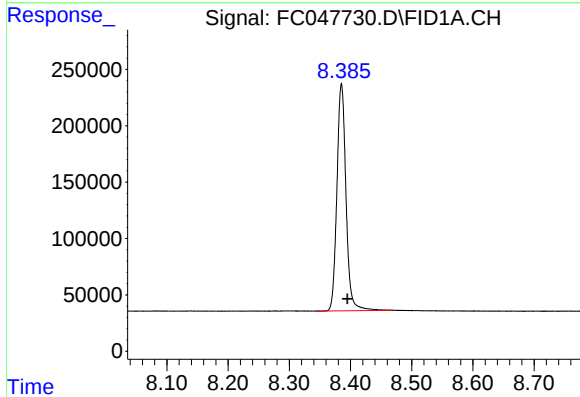
R.T.: 6.607 min
Delta R.T.: -0.010 min
Response: 2106139
Conc: 19.94 ug/ml



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

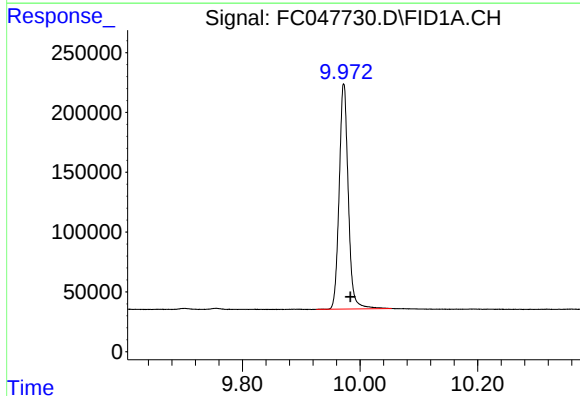
R.T.: 7.254 min
Delta R.T.: -0.009 min
Response: 2007263
Conc: 19.11 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



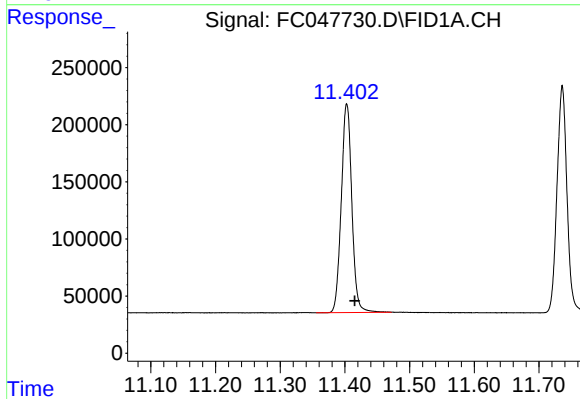
#6 n-Tetradecane (C14)

R.T.: 8.385 min
Delta R.T.: -0.010 min
Response: 2077133
Conc: 19.64 ug/ml



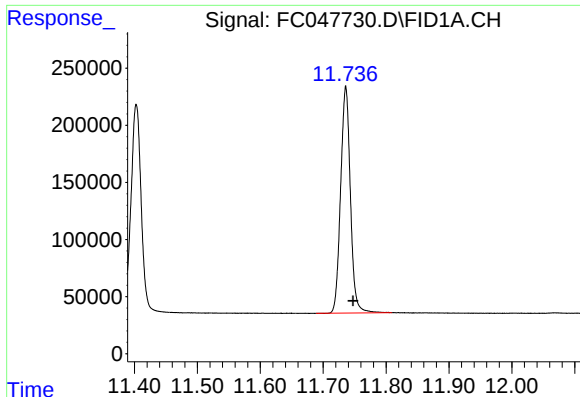
#7 n-Hexadecane (C16)

R.T.: 9.972 min
Delta R.T.: -0.011 min
Response: 2016894
Conc: 19.06 ug/ml



#8 n-Octadecane (C18)

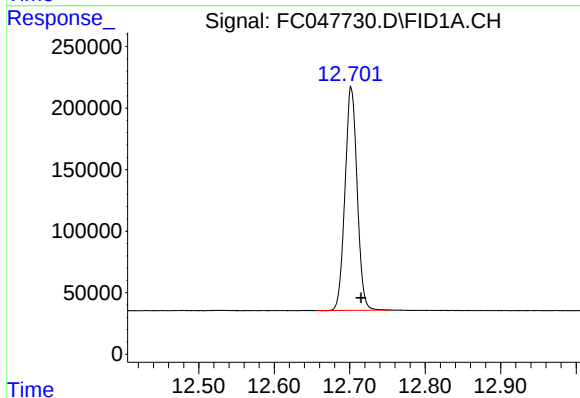
R.T.: 11.403 min
Delta R.T.: -0.012 min
Response: 2071017
Conc: 18.49 ug/ml



#9 ortho-Terphenyl (SURR)

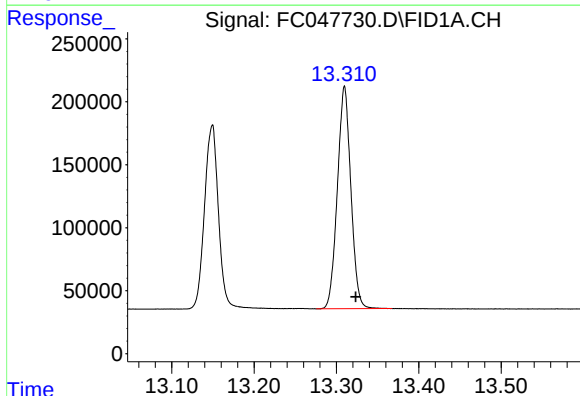
R.T.: 11.736 min
Delta R.T.: -0.011 min
Response: 2134489
Conc: 17.86 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



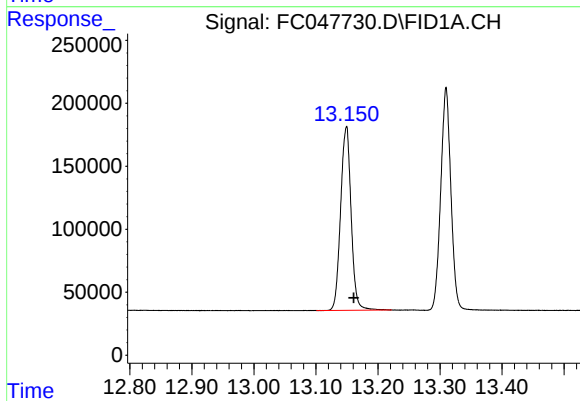
#10 n-Eicosane (C20)

R.T.: 12.702 min
Delta R.T.: -0.013 min
Response: 2034699
Conc: 17.88 ug/ml



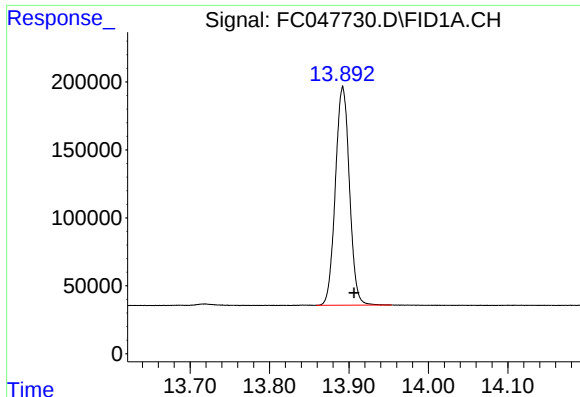
#11 n-Heneicosane (C21)

R.T.: 13.310 min
Delta R.T.: -0.014 min
Response: 2010467
Conc: 17.68 ug/ml



#12 1-chlorooctadecane (SURR)

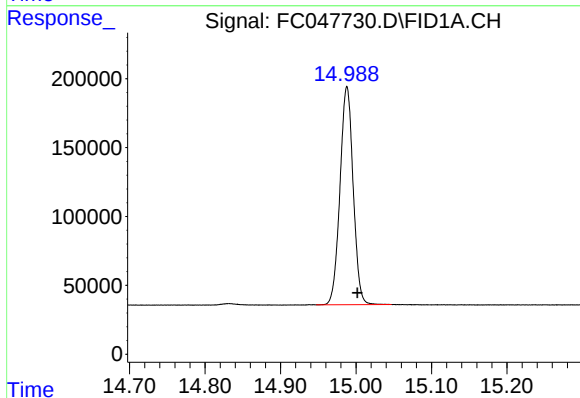
R.T.: 13.149 min
Delta R.T.: -0.012 min
Response: 1714888
Conc: 17.48 ug/ml



#13 n-Docosane (C22)

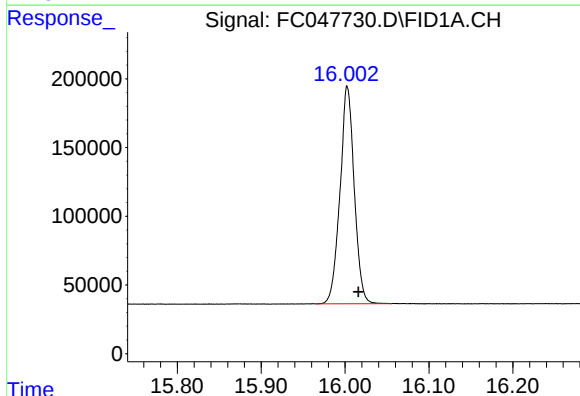
R.T.: 13.892 min
Delta R.T.: -0.014 min
Response: 1976731
Conc: 17.40 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



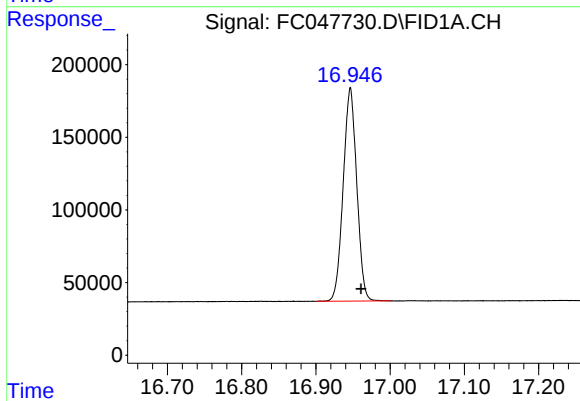
#14 n-Tetracosane (C24)

R.T.: 14.988 min
Delta R.T.: -0.014 min
Response: 1922127
Conc: 16.99 ug/ml



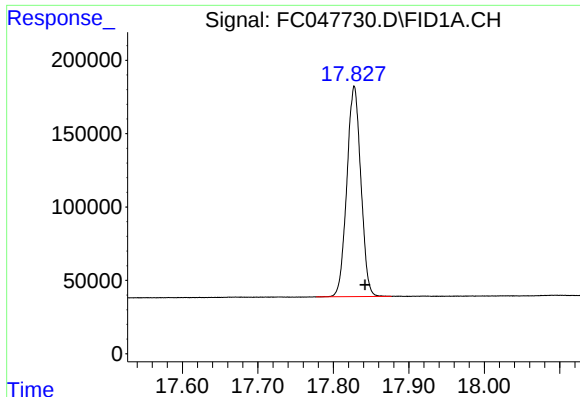
#15 n-Hexacosane (C26)

R.T.: 16.003 min
Delta R.T.: -0.013 min
Response: 1868100
Conc: 16.68 ug/ml



#16 n-Octacosane (C28)

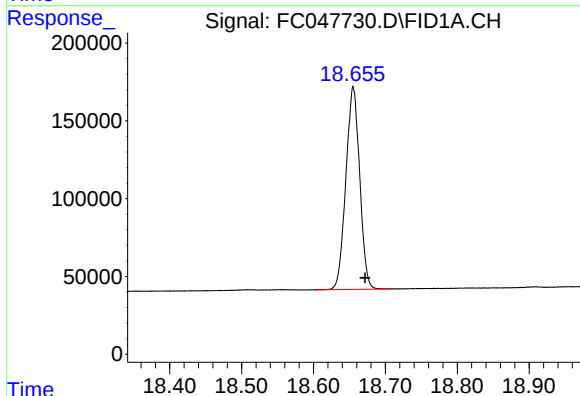
R.T.: 16.946 min
Delta R.T.: -0.014 min
Response: 1861869
Conc: 16.69 ug/ml



#17 n-Tricontane (C30)

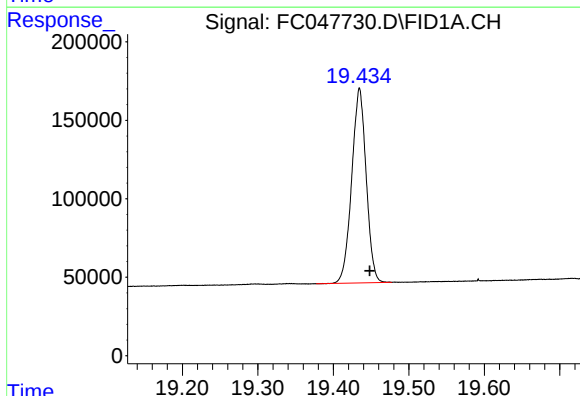
R.T.: 17.828 min
Delta R.T.: -0.014 min
Response: 1848422
Conc: 17.10 ug/ml

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20 PPM ALIPHATIC HC STD



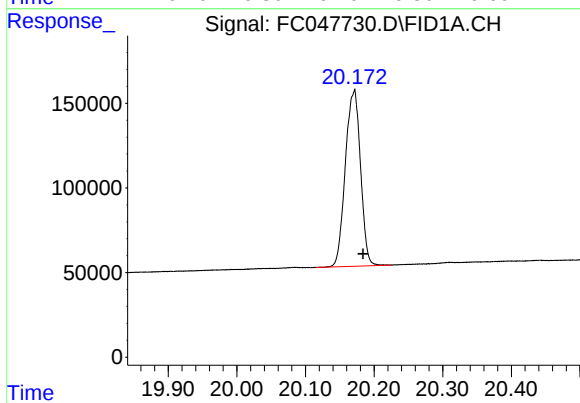
#18 n-Dotriacontane (C32)

R.T.: 18.655 min
Delta R.T.: -0.016 min
Response: 1734173
Conc: 17.59 ug/ml



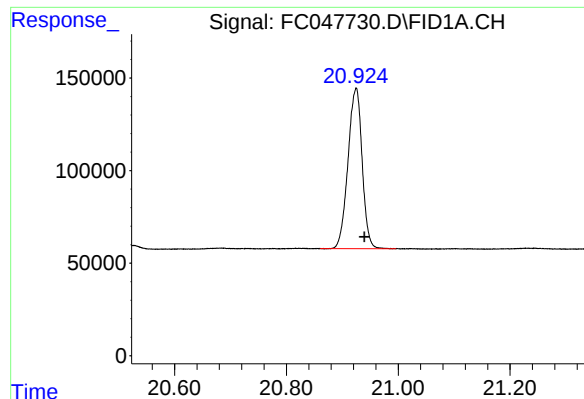
#19 n-Tetratriacontane (C34)

R.T.: 19.435 min
Delta R.T.: -0.014 min
Response: 1648673
Conc: 17.97 ug/ml



#20 n-Hexatriacontane (C36)

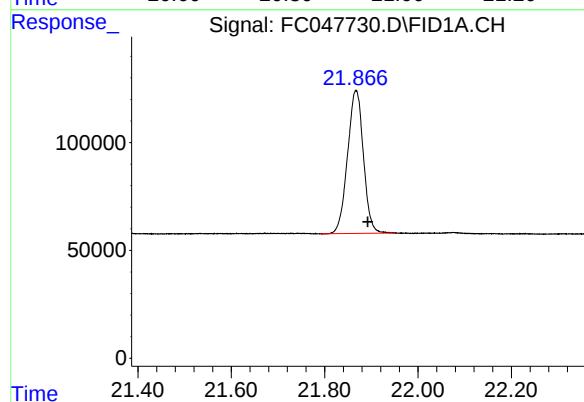
R.T.: 20.171 min
Delta R.T.: -0.013 min
Response: 1596873
Conc: 18.41 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.925 min
Delta R.T.: -0.015 min
Response: 1524829
Conc: 18.90 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.867 min
Delta R.T.: -0.025 min
Response: 1565165
Conc: 19.25 ug/ml