

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC011020AL\
 Data File : FC045266.D
 Signal(s) : FID1A.CH
 Acq On : 10 Jan 2020 9:42
 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: Jan 11 00:29:03 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 122319.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 24 03:02:13 2019
 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)	11.759	2341831	20.648 ug/ml
Spiked Amount 50.000		Recovery =	41.30%
12) S 1-chlorooctadecane (S...	13.180	1814573	20.351 ug/ml
Spiked Amount 50.000		Recovery =	40.70%
Target Compounds			
1) T n-Nonane (C9)	3.513	2174177	21.592 ug/ml
2) T n-Decane (C10)	4.586	2212626	21.933 ug/ml
3) T A~Naphthalene (C11.7)	6.187	2458910	21.943 ug/ml
4) T n-Dodecane (C12)	6.603	2252555	22.130 ug/ml
5) T A~2-methylnaphthalene...	7.242	2477549	21.981 ug/ml
6) T n-Tetradecane (C14)	8.393	2267847	22.250 ug/ml
7) T n-Hexadecane (C16)	9.990	2269930	22.048 ug/ml
8) T n-Octadecane (C18)	11.427	2253575	21.670 ug/ml
10) T n-Eicosane (C20)	12.733	2207540	21.100 ug/ml
11) T n-Heneicosane (C21)	13.344	2178487	20.598 ug/ml
13) T n-Docosane (C22)	13.929	2158887	20.419 ug/ml
14) T n-Tetracosane (C24)	15.029	2130925	19.945 ug/ml
15) T n-Hexacosane (C26)	16.046	2129889	19.970 ug/ml
16) T n-Octacosane (C28)	16.996	2130652	20.175 ug/ml
17) T n-Tricontane (C30)	17.880	2053021	20.140 ug/ml
18) T n-Dotriacontane (C32)	18.710	1757640	20.317 ug/ml
19) T n-Tetratriacontane (C34)	19.491	1448738	19.776 ug/ml
20) T n-Hexatriacontane (C36)	20.227	1312968	19.979 ug/ml
21) T n-Octatriacontane (C38)	20.997	1200722	20.330 ug/ml
22) T n-Tetracontane (C40)	21.961	1224055	20.697 ug/ml

(f)=RT Delta > 1/2 Window

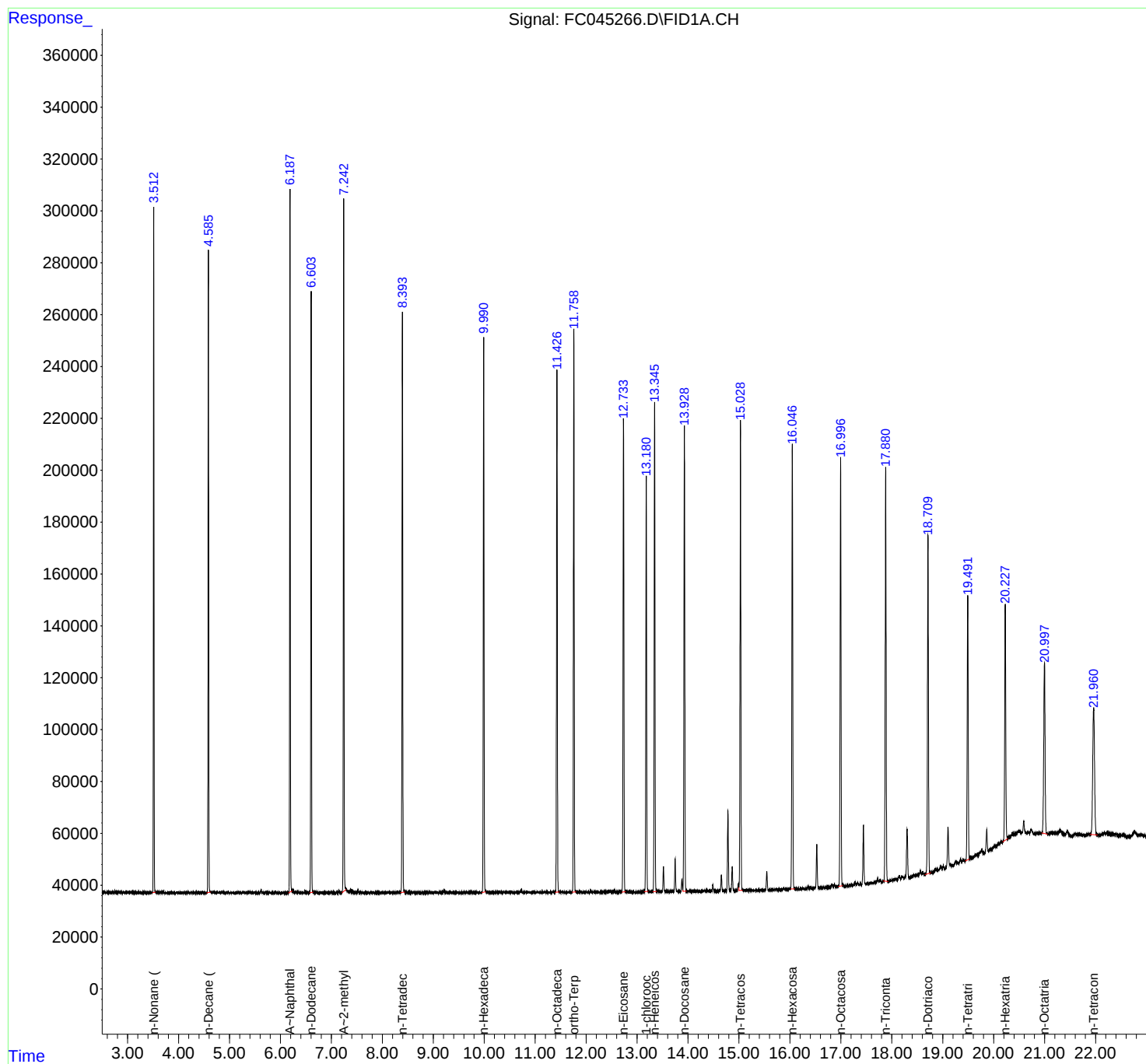
(m)=manual int.

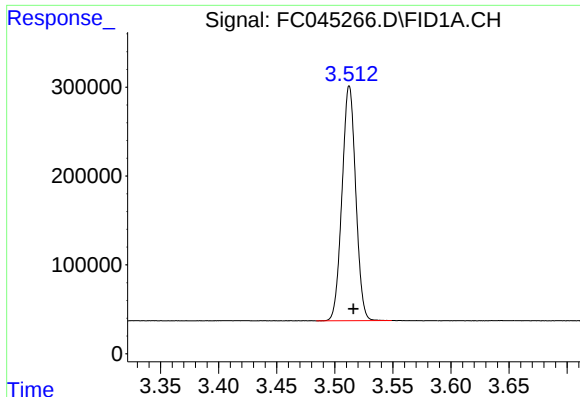
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC011020AL\
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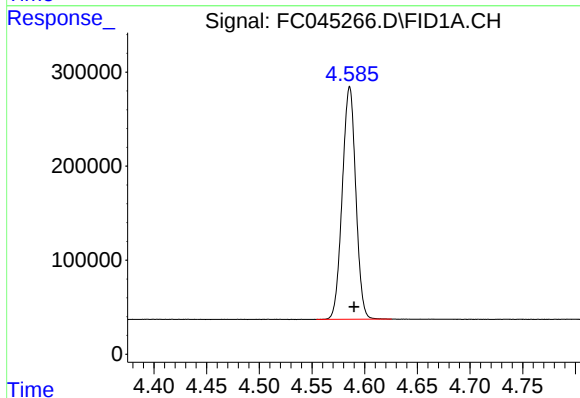




#1 n-Nonane (C9)

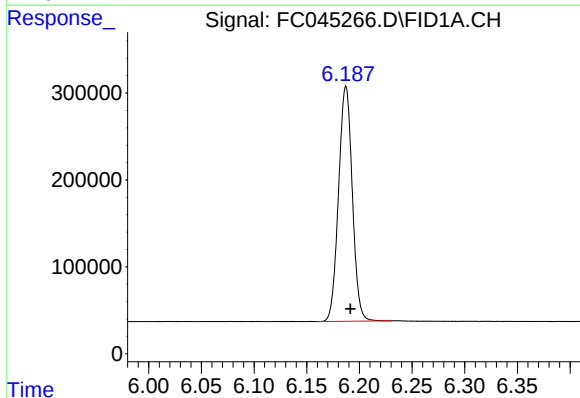
R.T.: 3.513 min
Delta R.T.: -0.003 min
Response: 2174177
Conc: 21.59 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



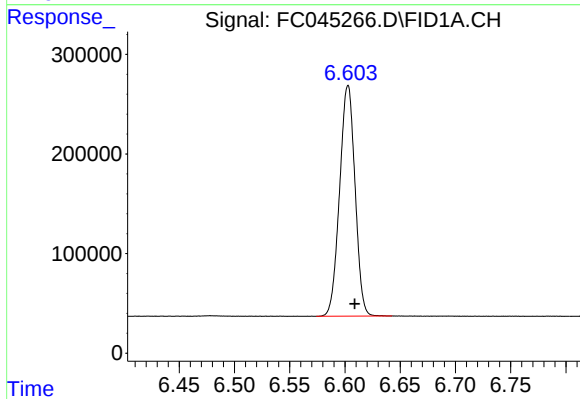
#2 n-Decane (C10)

R.T.: 4.586 min
Delta R.T.: -0.004 min
Response: 2212626
Conc: 21.93 ug/ml



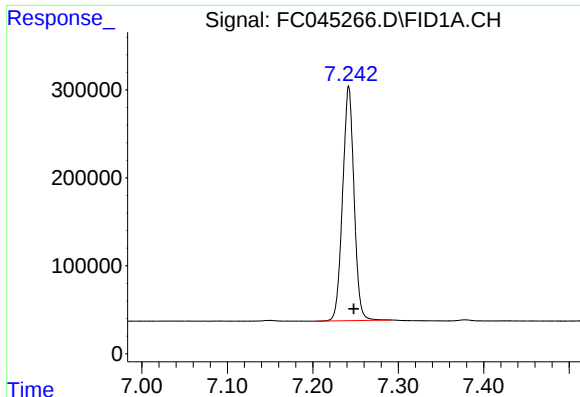
#3 A~Naphthalene (C11.7)

R.T.: 6.187 min
Delta R.T.: -0.004 min
Response: 2458910
Conc: 21.94 ug/ml



#4 n-Dodecane (C12)

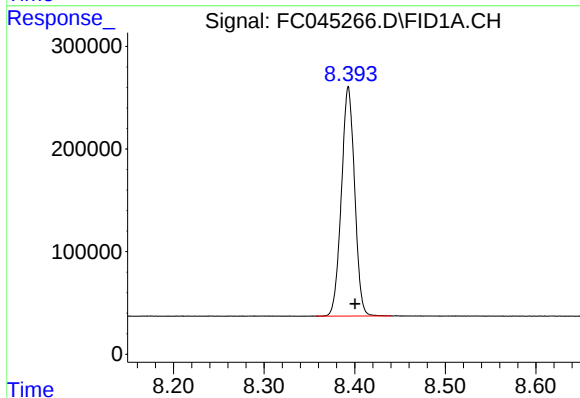
R.T.: 6.603 min
Delta R.T.: -0.006 min
Response: 2252555
Conc: 22.13 ug/ml



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

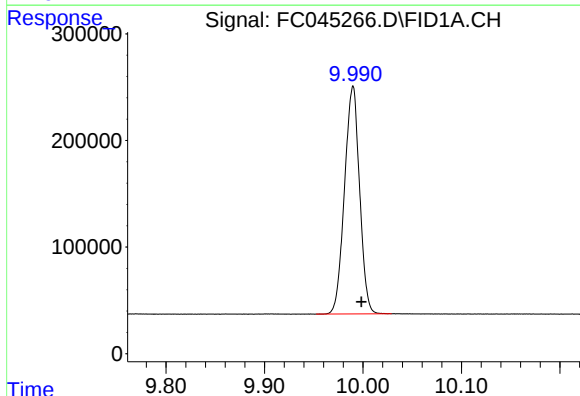
R.T.: 7.242 min
Delta R.T.: -0.006 min
Response: 2477549
Conc: 21.98 ug/ml

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20 PPM ALIPHATIC HC STD



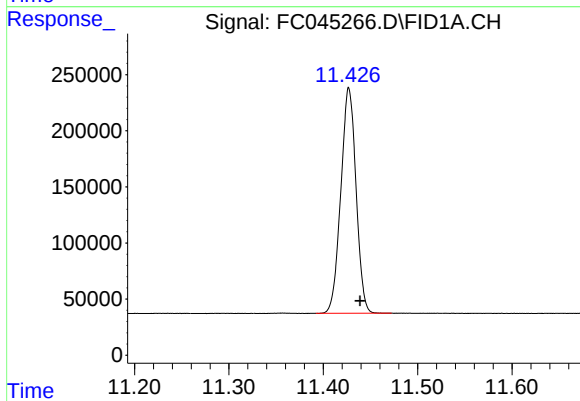
#6 n-Tetradecane (C14)

R.T.: 8.393 min
Delta R.T.: -0.007 min
Response: 2267847
Conc: 22.25 ug/ml



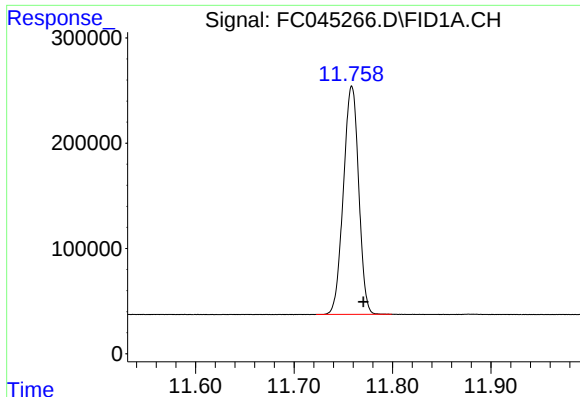
#7 n-Hexadecane (C16)

R.T.: 9.990 min
Delta R.T.: -0.009 min
Response: 2269930
Conc: 22.05 ug/ml



#8 n-Octadecane (C18)

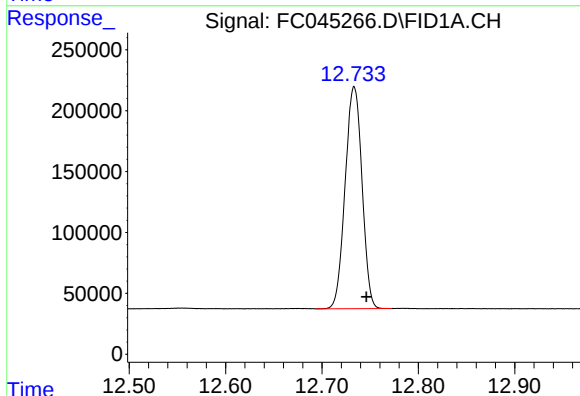
R.T.: 11.427 min
Delta R.T.: -0.012 min
Response: 2253575
Conc: 21.67 ug/ml



#9 ortho-Terphenyl (SURR)

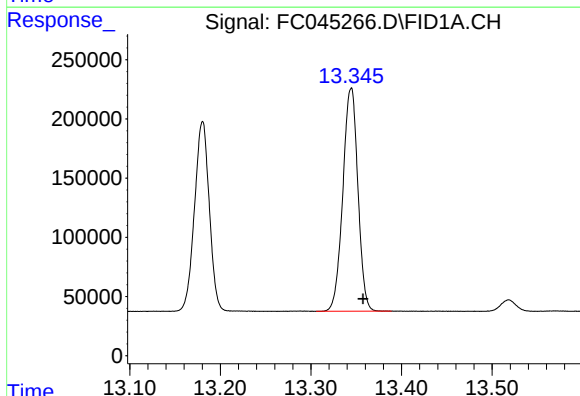
R.T.: 11.759 min
Delta R.T.: -0.012 min
Response: 2341831
Conc: 20.65 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



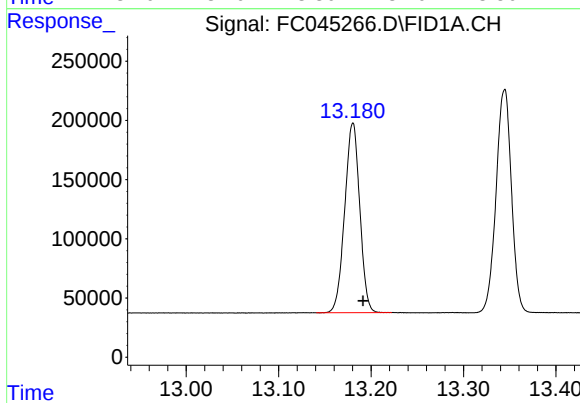
#10 n-Eicosane (C20)

R.T.: 12.733 min
Delta R.T.: -0.013 min
Response: 2207540
Conc: 21.10 ug/ml



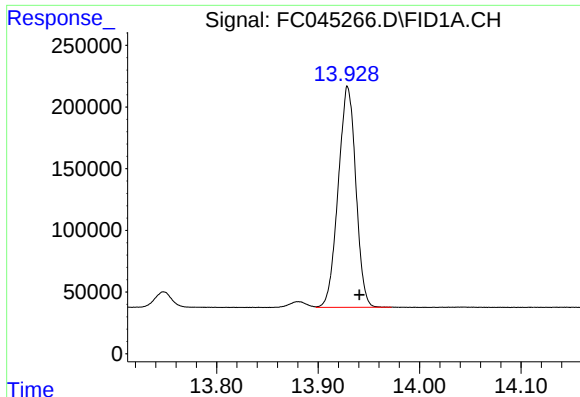
#11 n-Heneicosane (C21)

R.T.: 13.344 min
Delta R.T.: -0.013 min
Response: 2178487
Conc: 20.60 ug/ml



#12 1-chlorooctadecane (SURR)

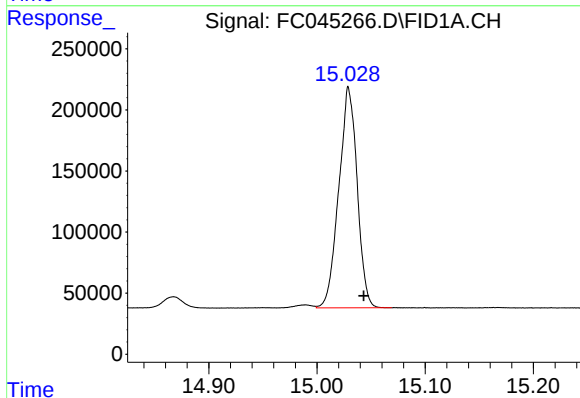
R.T.: 13.180 min
Delta R.T.: -0.011 min
Response: 1814573
Conc: 20.35 ug/ml



#13 n-Docosane (C22)

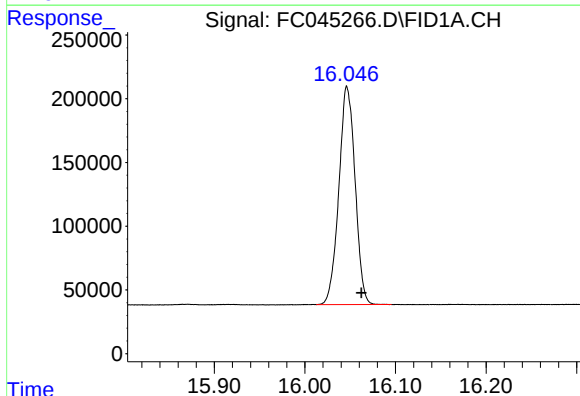
R.T.: 13.929 min
Delta R.T.: -0.011 min
Response: 2158887
Conc: 20.42 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



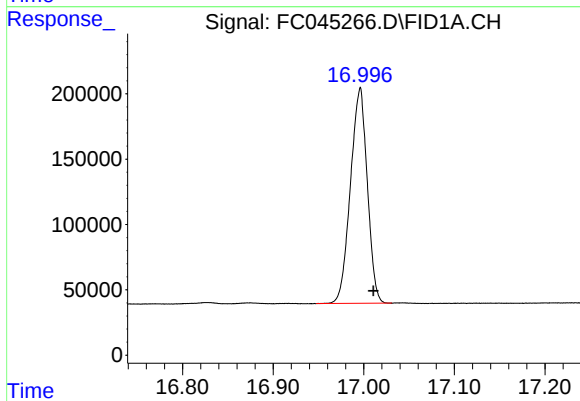
#14 n-Tetracosane (C24)

R.T.: 15.029 min
Delta R.T.: -0.014 min
Response: 2130925
Conc: 19.94 ug/ml



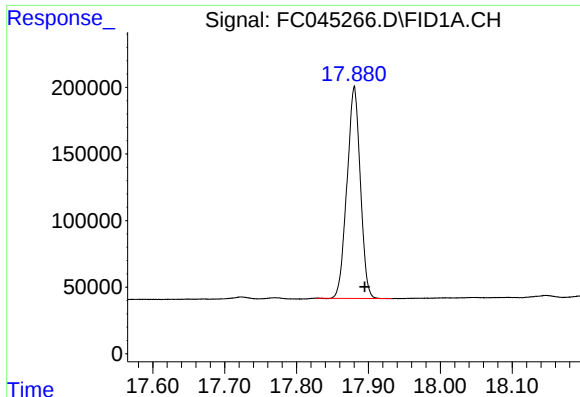
#15 n-Hexacosane (C26)

R.T.: 16.046 min
Delta R.T.: -0.016 min
Response: 2129889
Conc: 19.97 ug/ml



#16 n-Octacosane (C28)

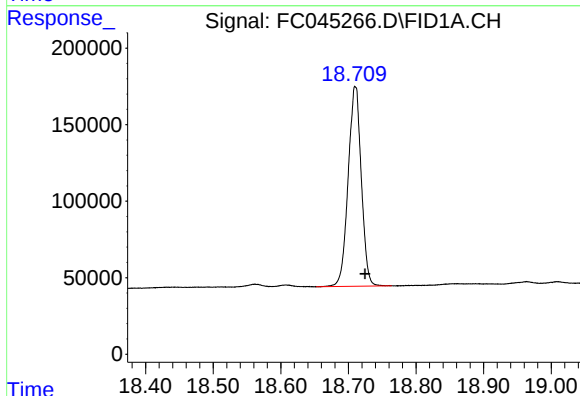
R.T.: 16.996 min
Delta R.T.: -0.015 min
Response: 2130652
Conc: 20.17 ug/ml



#17 n-Tricontane (C30)

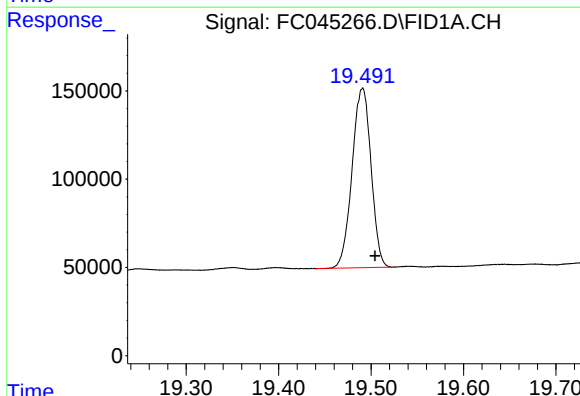
R.T.: 17.880 min
Delta R.T.: -0.015 min
Response: 2053021
Conc: 20.14 ug/ml

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20 PPM ALIPHATIC HC STD



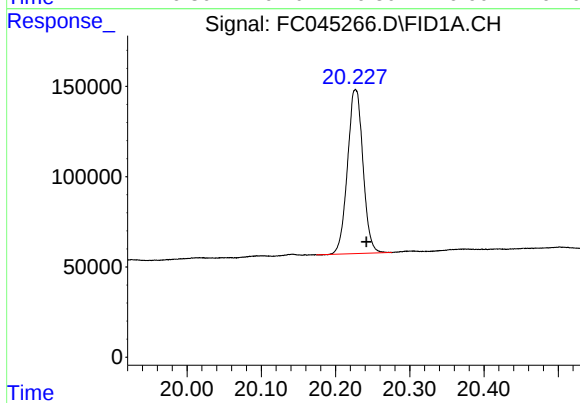
#18 n-Dotriacontane (C32)

R.T.: 18.710 min
Delta R.T.: -0.014 min
Response: 1757640
Conc: 20.32 ug/ml



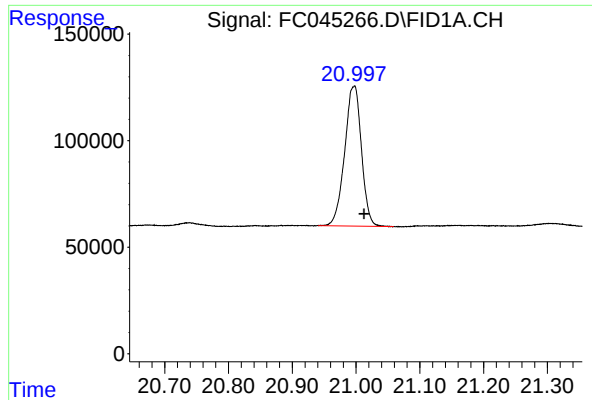
#19 n-Tetratriacontane (C34)

R.T.: 19.491 min
Delta R.T.: -0.013 min
Response: 1448738
Conc: 19.78 ug/ml



#20 n-Hexatriacontane (C36)

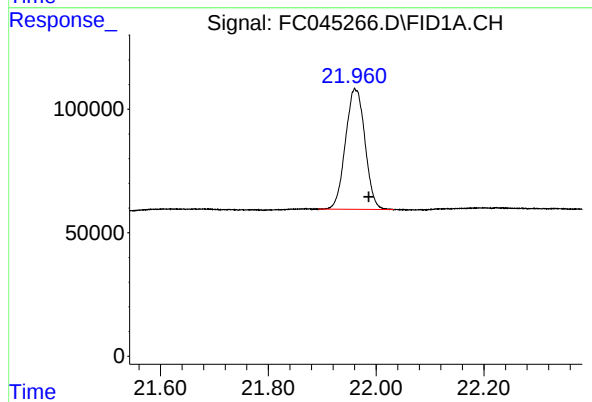
R.T.: 20.227 min
Delta R.T.: -0.015 min
Response: 1312968
Conc: 19.98 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.997 min
Delta R.T.: -0.016 min
Response: 1200722
Conc: 20.33 ug/ml

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FID_C
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#22 n-Tetracontane (C40)

R.T.: 21.961 min
Delta R.T.: -0.026 min
Response: 1224055
Conc: 20.70 ug/ml