

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC101221AL\
 Data File : FC056124.D
 Signal(s) : FID1A.CH
 Acq On : 12 Oct 2021 10:37
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Oct 12 14:37:25 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 092921.M
 Quant Title : GC Extractables
 QLast Update : Thu Sep 30 01:25:44 2021
 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)	11.634	1890148	15.929 ug/ml
Spiked Amount 50.000		Recovery =	31.86%
12) S 1-chlorooctadecane (S...	13.066	1462585	15.920 ug/ml
Spiked Amount 50.000		Recovery =	31.84%
Target Compounds			
1) T n-Nonane (C9)	3.386	1961737	18.383 ug/ml
2) T n-Decane (C10)	4.455	1942942	18.176 ug/ml
3) T A~Naphthalene (C11.7)	6.049	2102481	17.474 ug/ml
4) T n-Dodecane (C12)	6.476	1924874	17.734 ug/ml
5) T A~2-methylnaphthalene...	7.107	2045367	16.838 ug/ml
6) T n-Tetradecane (C14)	8.271	1891274	17.095 ug/ml
7) T n-Hexadecane (C16)	9.872	1843335	16.653 ug/ml
8) T n-Octadecane (C18)	11.313	1836266	16.407 ug/ml
10) T n-Eicosane (C20)	12.620	1763261	16.143 ug/ml
11) T n-Heneicosane (C21)	13.232	1750791	16.103 ug/ml
13) T n-Docosane (C22)	13.817	1715413	16.062 ug/ml
14) T n-Tetracosane (C24)	14.918	1688737	16.150 ug/ml
15) T n-Hexacosane (C26)	15.937	1646057	16.383 ug/ml
16) T n-Octacosane (C28)	16.883	1642788	16.983 ug/ml
17) T n-Tricontane (C30)	17.768	1643569	17.714 ug/ml
18) T n-Dotriacontane (C32)	18.596	1637040	18.413 ug/ml
19) T n-Tetratriacontane (C34)	19.377	1606002	18.569 ug/ml
20) T n-Hexatriacontane (C36)	20.114	1513331	18.523 ug/ml
21) T n-Octatriacontane (C38)	20.853	1401893	17.592 ug/ml
22) T n-Tetracontane (C40)	21.774	1382957	17.252 ug/ml

(f)=RT Delta > 1/2 Window

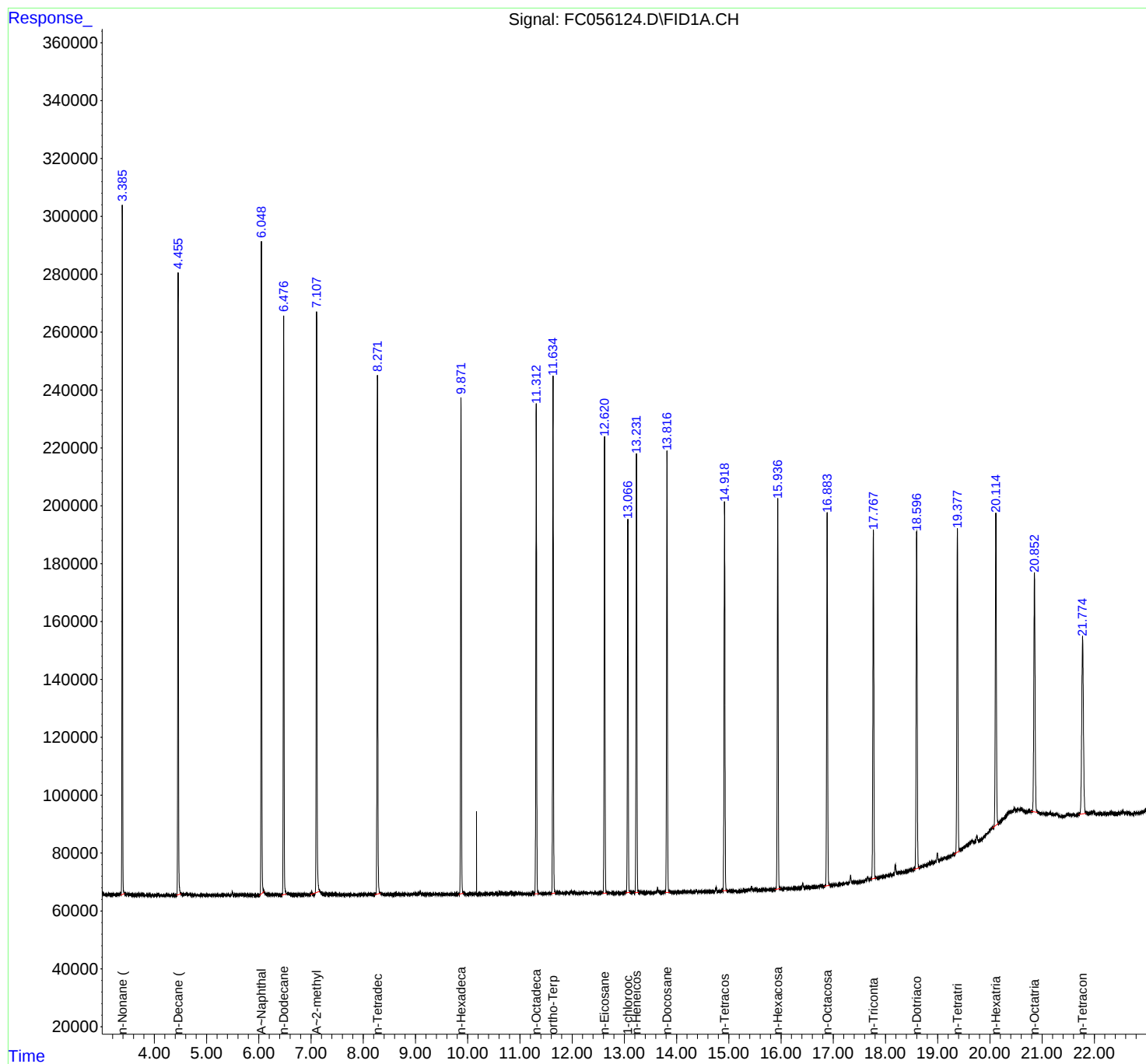
(m)=manual int.

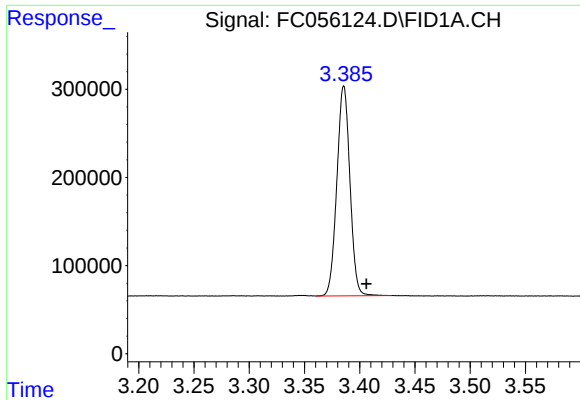
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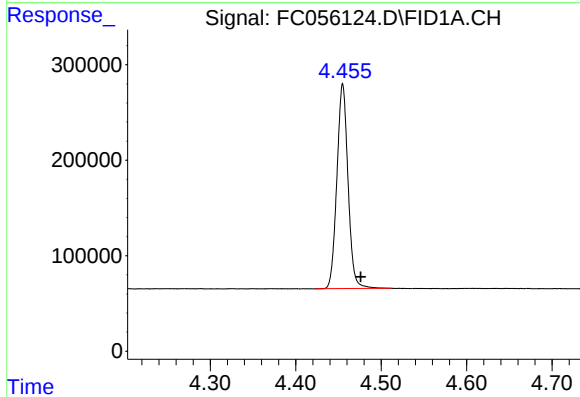




#1 n-Nonane (C9)

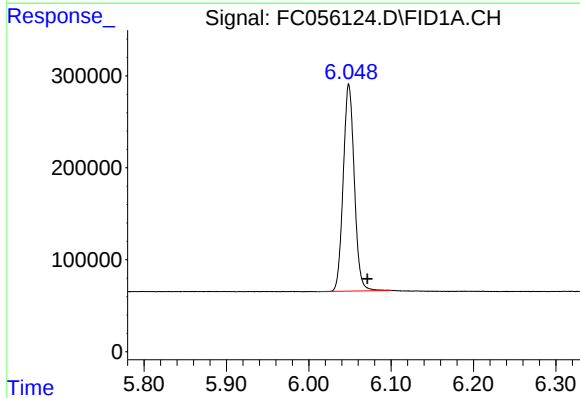
R.T.: 3.386 min
Delta R.T.: -0.020 min
Response: 1961737
Conc: 18.38 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



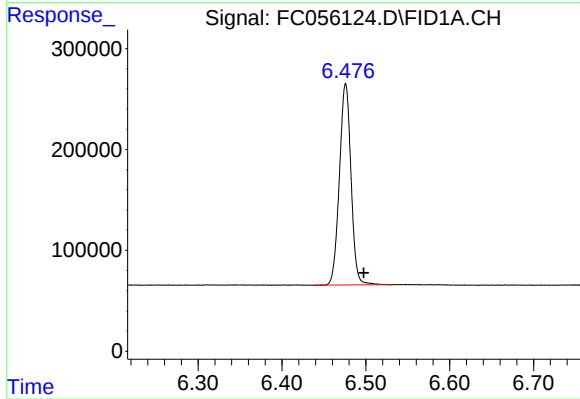
#2 n-Decane (C10)

R.T.: 4.455 min
Delta R.T.: -0.021 min
Response: 1942942
Conc: 18.18 ug/ml



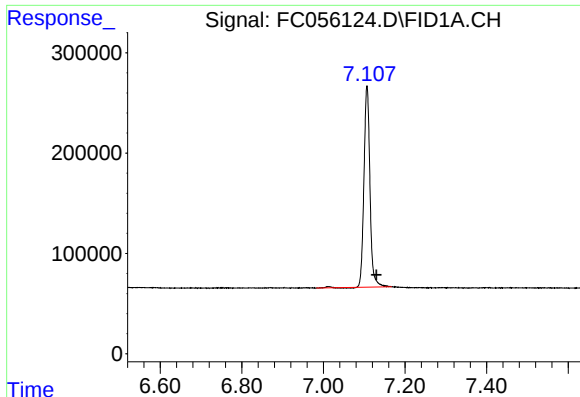
#3 A~Naphthalene (C11.7)

R.T.: 6.049 min
Delta R.T.: -0.022 min
Response: 2102481
Conc: 17.47 ug/ml



#4 n-Dodecane (C12)

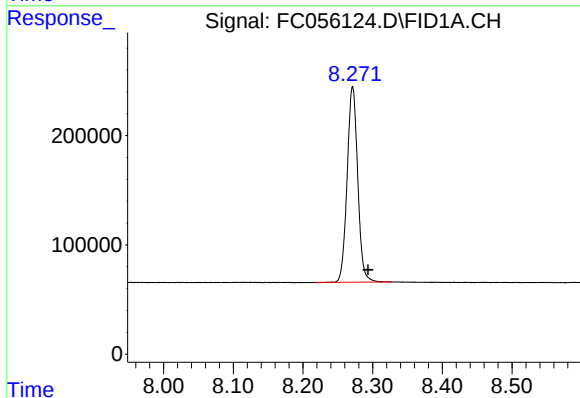
R.T.: 6.476 min
Delta R.T.: -0.021 min
Response: 1924874
Conc: 17.73 ug/ml



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

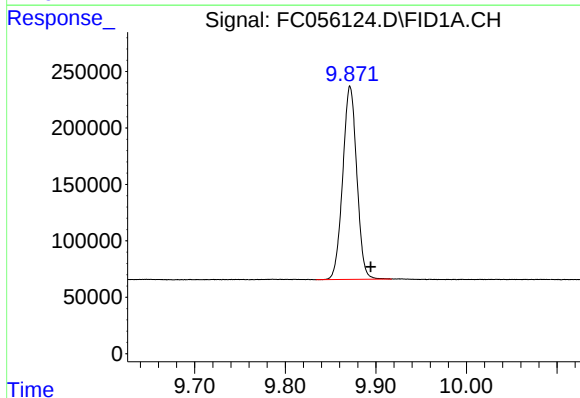
R.T.: 7.107 min
Delta R.T.: -0.023 min
Response: 2045367
Conc: 16.84 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



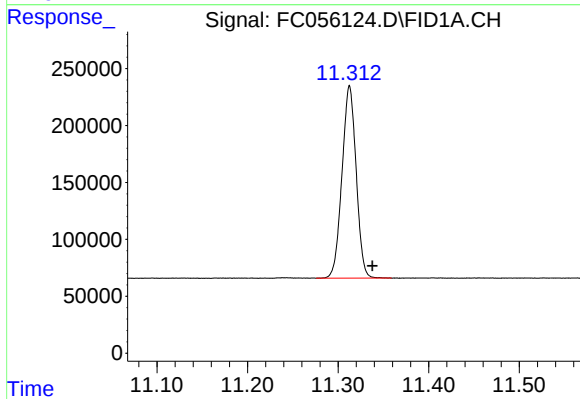
#6 n-Tetradecane (C14)

R.T.: 8.271 min
Delta R.T.: -0.022 min
Response: 1891274
Conc: 17.09 ug/ml



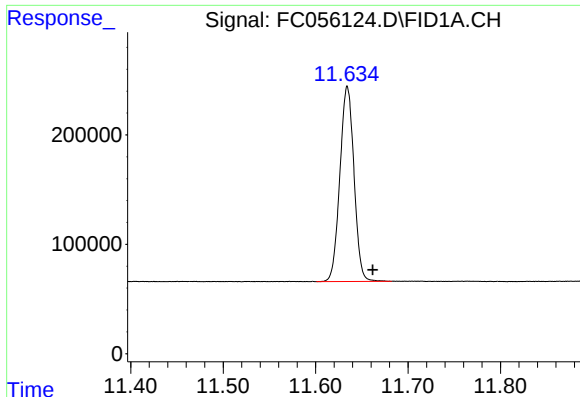
#7 n-Hexadecane (C16)

R.T.: 9.872 min
Delta R.T.: -0.023 min
Response: 1843335
Conc: 16.65 ug/ml



#8 n-Octadecane (C18)

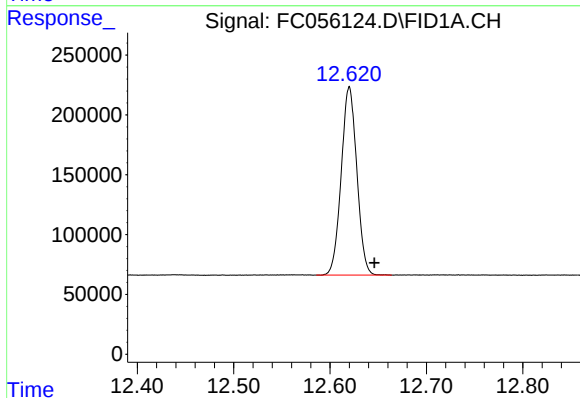
R.T.: 11.313 min
Delta R.T.: -0.025 min
Response: 1836266
Conc: 16.41 ug/ml



#9 ortho-Terphenyl (SURR)

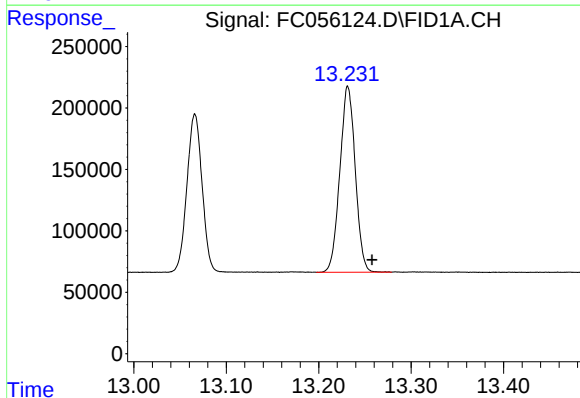
R.T.: 11.634 min
Delta R.T.: -0.027 min
Response: 1890148
Conc: 15.93 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



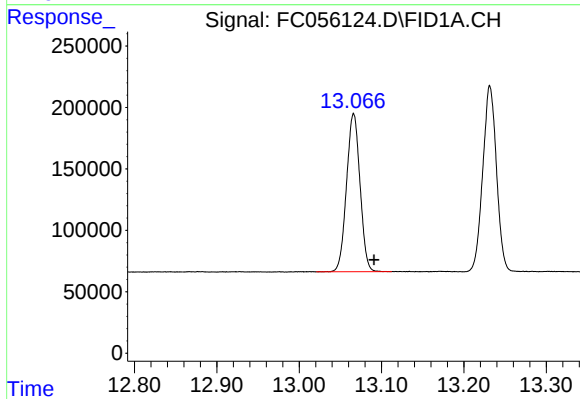
#10 n-Eicosane (C20)

R.T.: 12.620 min
Delta R.T.: -0.026 min
Response: 1763261
Conc: 16.14 ug/ml



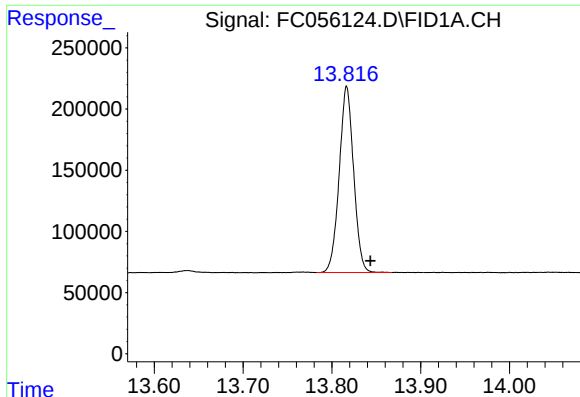
#11 n-Heneicosane (C21)

R.T.: 13.232 min
Delta R.T.: -0.026 min
Response: 1750791
Conc: 16.10 ug/ml



#12 1-chlorooctadecane (SURR)

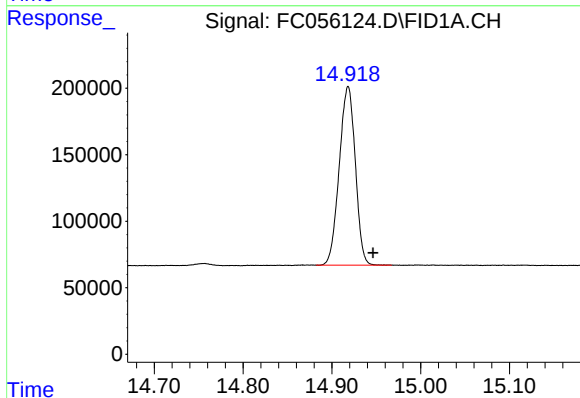
R.T.: 13.066 min
Delta R.T.: -0.025 min
Response: 1462585
Conc: 15.92 ug/ml



#13 n-Docosane (C22)

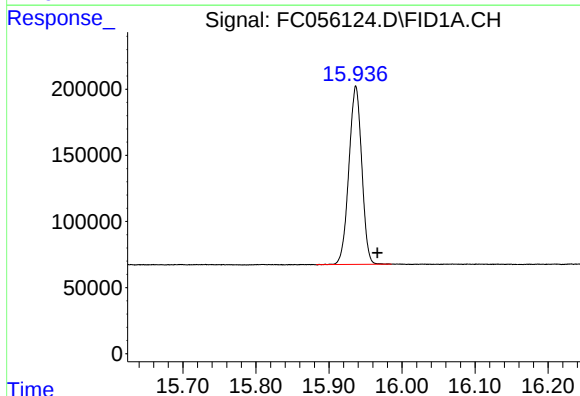
R.T.: 13.817 min
Delta R.T.: -0.027 min
Response: 1715413
Conc: 16.06 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



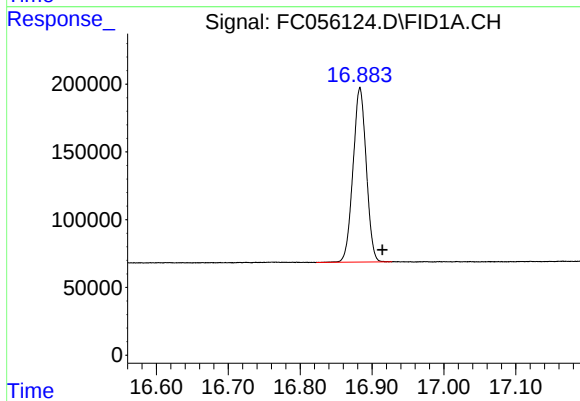
#14 n-Tetracosane (C24)

R.T.: 14.918 min
Delta R.T.: -0.028 min
Response: 1688737
Conc: 16.15 ug/ml



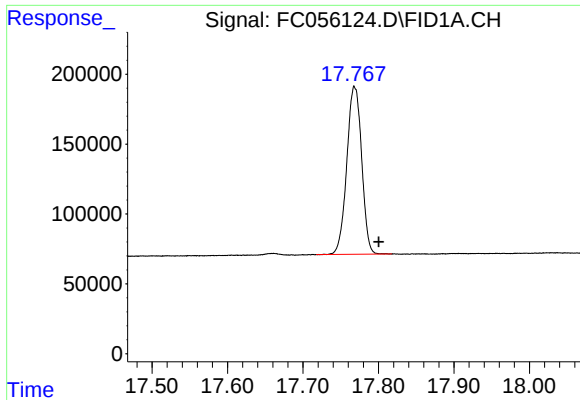
#15 n-Hexacosane (C26)

R.T.: 15.937 min
Delta R.T.: -0.029 min
Response: 1646057
Conc: 16.38 ug/ml



#16 n-Octacosane (C28)

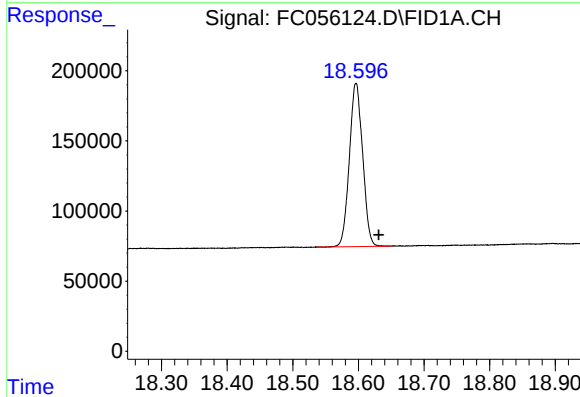
R.T.: 16.883 min
Delta R.T.: -0.031 min
Response: 1642788
Conc: 16.98 ug/ml



#17 n-Tricontane (C30)

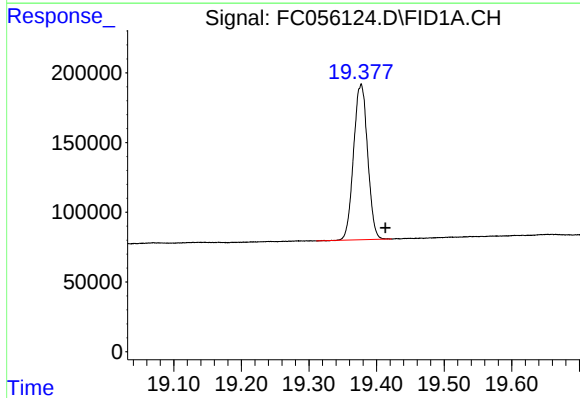
R.T.: 17.768 min
Delta R.T.: -0.032 min
Response: 1643569
Conc: 17.71 ug/ml

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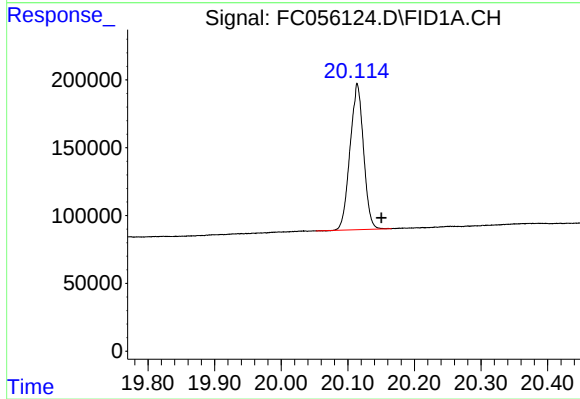
#18 n-Dotriacontane (C32)

R.T.: 18.596 min
Delta R.T.: -0.035 min
Response: 1637040
Conc: 18.41 ug/ml



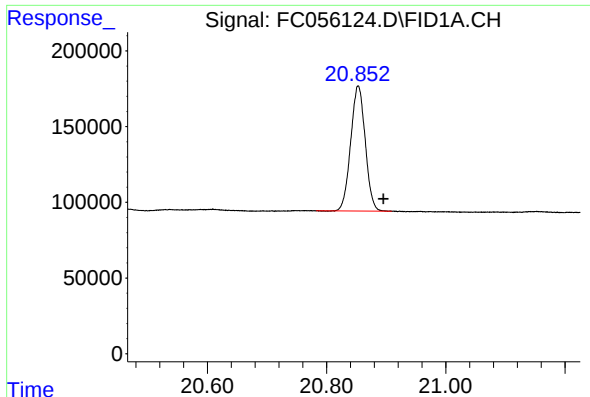
#19 n-Tetratriacontane (C34)

R.T.: 19.377 min
Delta R.T.: -0.036 min
Response: 1606002
Conc: 18.57 ug/ml



#20 n-Hexatriacontane (C36)

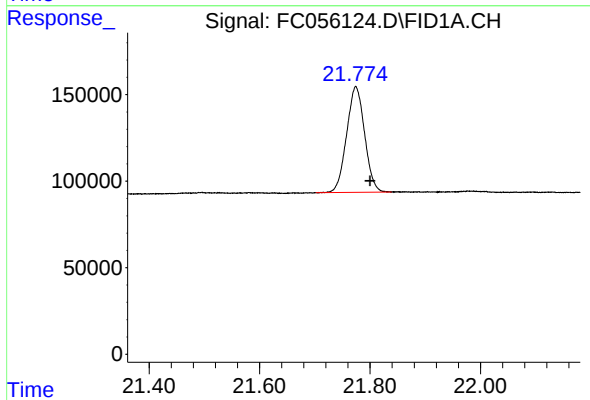
R.T.: 20.114 min
Delta R.T.: -0.036 min
Response: 1513331
Conc: 18.52 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.853 min
Delta R.T.: -0.042 min
Response: 1401893
Conc: 17.59 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.774 min
Delta R.T.: -0.026 min
Response: 1382957
Conc: 17.25 ug/ml