

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC050421AL\
 Data File : FC053497.D
 Signal(s) : FID1A.CH
 Acq On : 04 May 2021 16:20
 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 05 01:26:49 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 050321.M
 Quant Title : GC Extractables
 QLast Update : Tue May 04 11:44:19 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)	11.537	2833854	20.469 ug/ml
Spiked Amount 50.000		Recovery =	40.94%
12) S 1-chlorooctadecane (S...	12.978	2265073	20.308 ug/ml
Spiked Amount 50.000		Recovery =	40.62%
Target Compounds			
1) T n-Nonane (C9)	3.295	2383249	20.178 ug/ml
2) T n-Decane (C10)	4.360	2398325	20.253 ug/ml
3) T A~Naphthalene (C11.7)	5.943	2643926	20.291 ug/ml
4) T n-Dodecane (C12)	6.378	2458862	20.321 ug/ml
5) T A~2-methylnaphthalene...	7.001	2713453	20.524 ug/ml
6) T n-Tetradecane (C14)	8.177	2495442	20.485 ug/ml
7) T n-Hexadecane (C16)	9.779	2522794	20.598 ug/ml
8) T n-Octadecane (C18)	11.223	2664329	20.458 ug/ml
10) T n-Eicosane (C20)	12.534	2711358	20.485 ug/ml
11) T n-Heneicosane (C21)	13.146	2713915	20.435 ug/ml
13) T n-Docosane (C22)	13.734	2710054	20.374 ug/ml
14) T n-Tetracosane (C24)	14.837	2702086	20.243 ug/ml
15) T n-Hexacosane (C26)	15.860	2660682	20.124 ug/ml
16) T n-Octacosane (C28)	16.811	2645561	20.210 ug/ml
17) T n-Tricontane (C30)	17.699	2617477	20.068 ug/ml
18) T n-Dotriacontane (C32)	18.532	2533439	20.078 ug/ml
19) T n-Tetratriacontane (C34)	19.317	2436611	19.998 ug/ml
20) T n-Hexatriacontane (C36)	20.058	2229132	19.066 ug/ml
21) T n-Octatriacontane (C38)	20.789	2035090	19.783 ug/ml
22) T n-Tetracontane (C40)	21.685	2048942	20.562 ug/ml

(f)=RT Delta > 1/2 Window

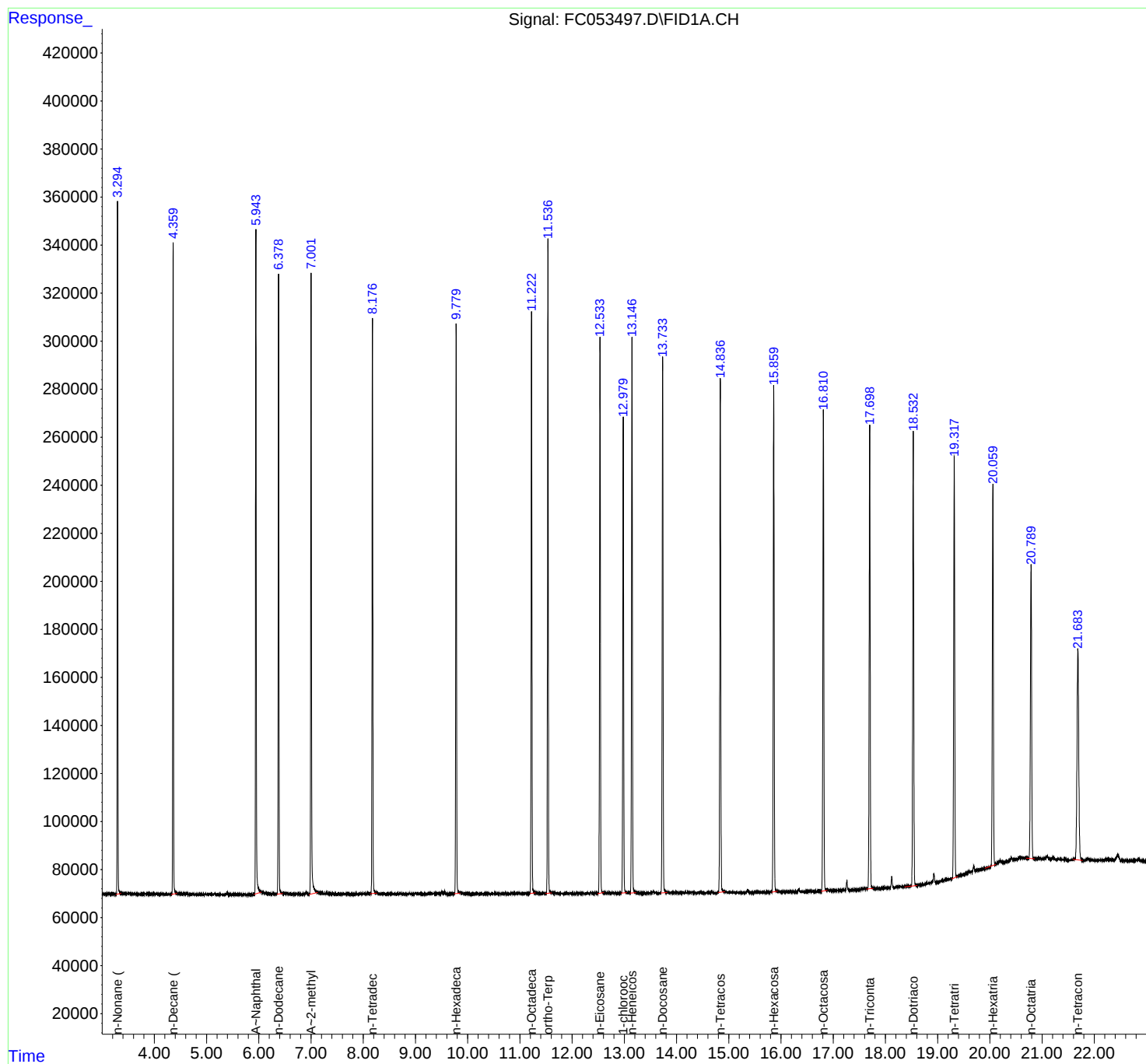
(m)=manual int.

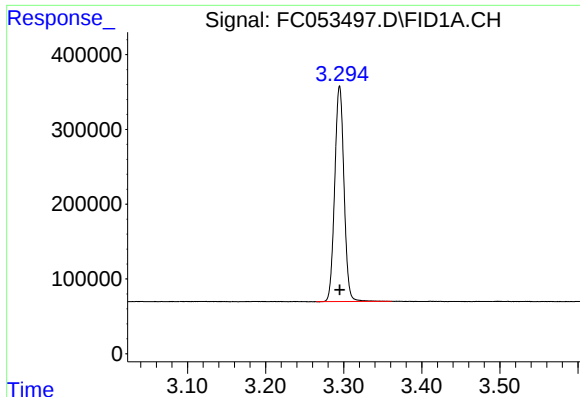
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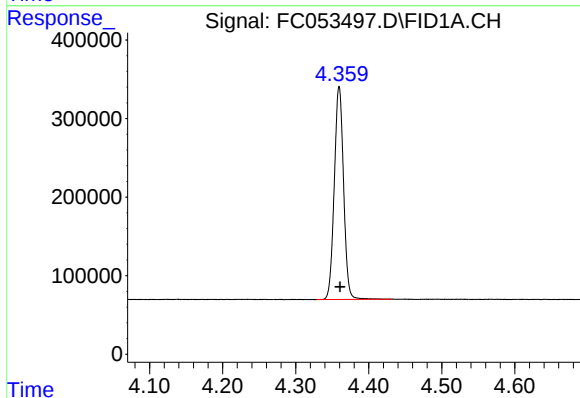




#1 n-Nonane (C9)

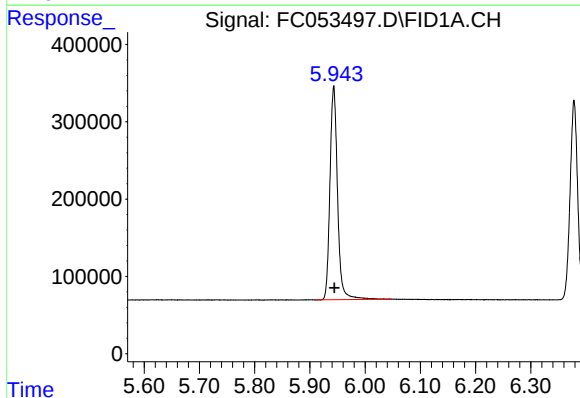
R.T.: 3.295 min
Delta R.T.: 0.000 min
Response: 2383249
Conc: 20.18 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



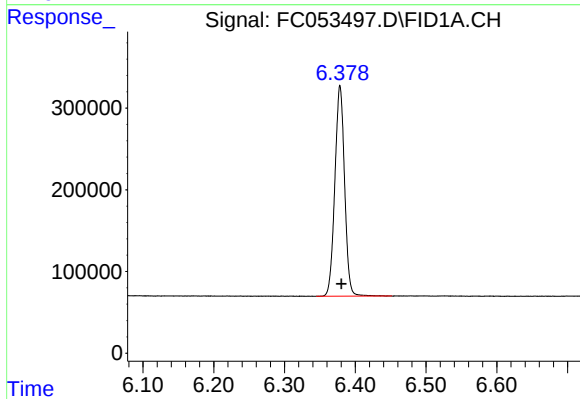
#2 n-Decane (C10)

R.T.: 4.360 min
Delta R.T.: -0.001 min
Response: 2398325
Conc: 20.25 ug/ml



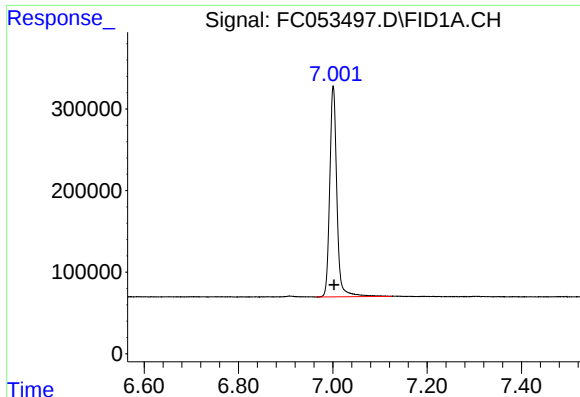
#3 A~Naphthalene (C11.7)

R.T.: 5.943 min
Delta R.T.: -0.002 min
Response: 2643926
Conc: 20.29 ug/ml



#4 n-Dodecane (C12)

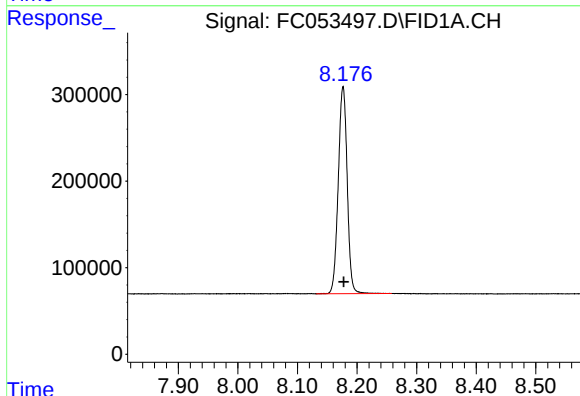
R.T.: 6.378 min
Delta R.T.: -0.002 min
Response: 2458862
Conc: 20.32 ug/ml



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

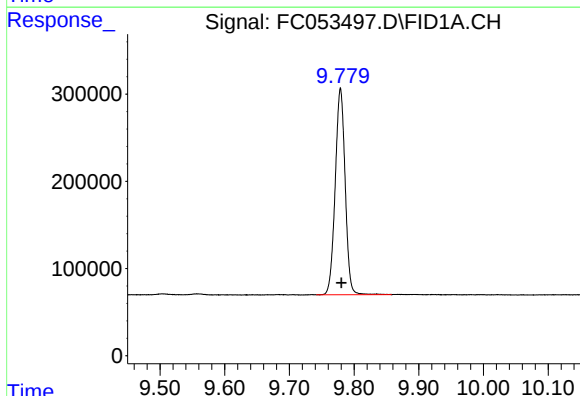
R.T.: 7.001 min
Delta R.T.: -0.002 min
Response: 2713453
Conc: 20.52 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



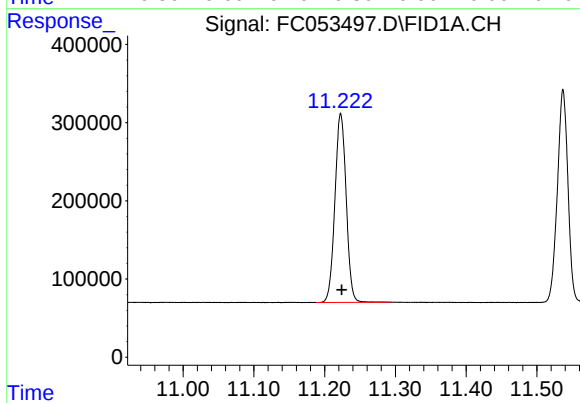
#6 n-Tetradecane (C14)

R.T.: 8.177 min
Delta R.T.: -0.001 min
Response: 2495442
Conc: 20.49 ug/ml



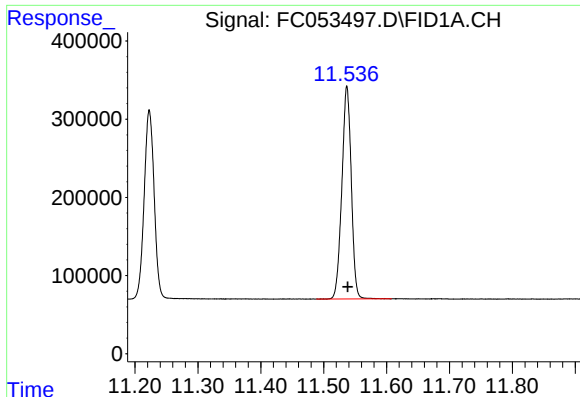
#7 n-Hexadecane (C16)

R.T.: 9.779 min
Delta R.T.: -0.001 min
Response: 2522794
Conc: 20.60 ug/ml



#8 n-Octadecane (C18)

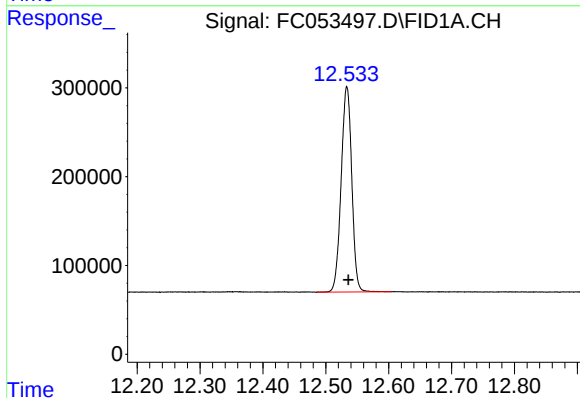
R.T.: 11.223 min
Delta R.T.: -0.001 min
Response: 2664329
Conc: 20.46 ug/ml



#9 ortho-Terphenyl (SURR)

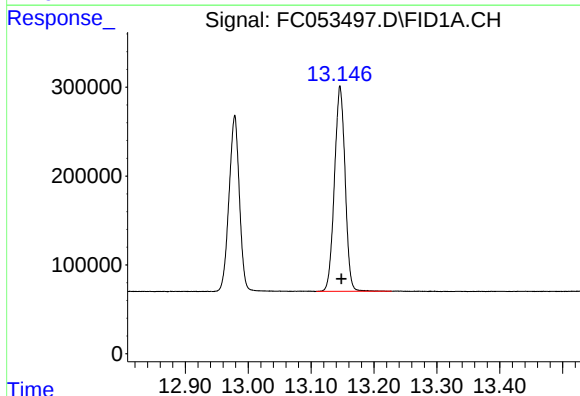
R.T.: 11.537 min
Delta R.T.: -0.001 min
Response: 2833854
Conc: 20.47 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



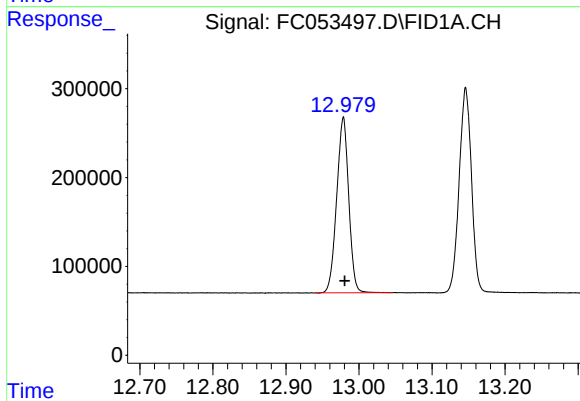
#10 n-Eicosane (C20)

R.T.: 12.534 min
Delta R.T.: -0.002 min
Response: 2711358
Conc: 20.48 ug/ml



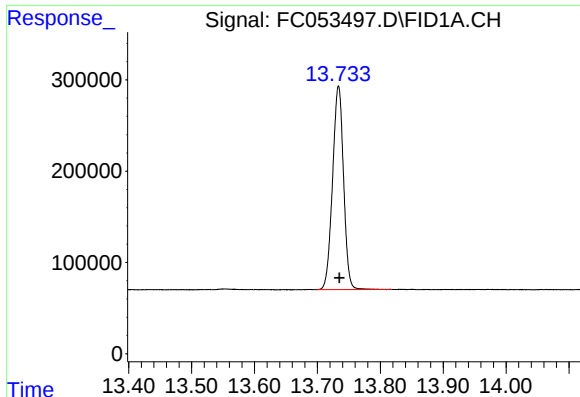
#11 n-Heneicosane (C21)

R.T.: 13.146 min
Delta R.T.: -0.002 min
Response: 2713915
Conc: 20.43 ug/ml



#12 1-chlorooctadecane (SURR)

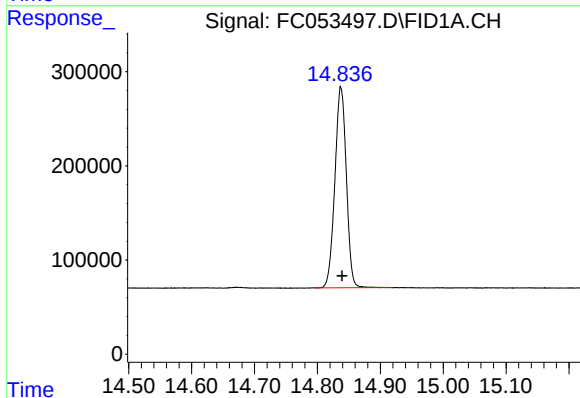
R.T.: 12.978 min
Delta R.T.: -0.002 min
Response: 2265073
Conc: 20.31 ug/ml



#13 n-Docosane (C22)

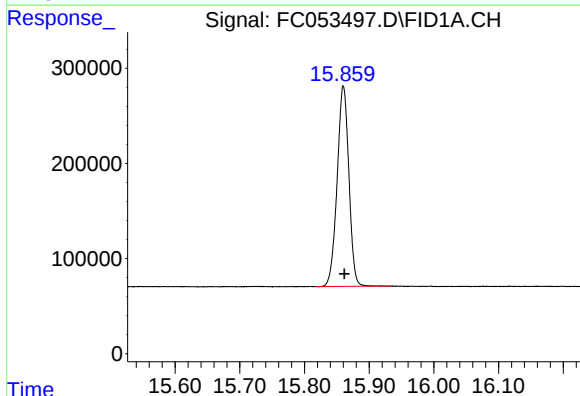
R.T.: 13.734 min
Delta R.T.: -0.001 min
Response: 2710054
Conc: 20.37 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



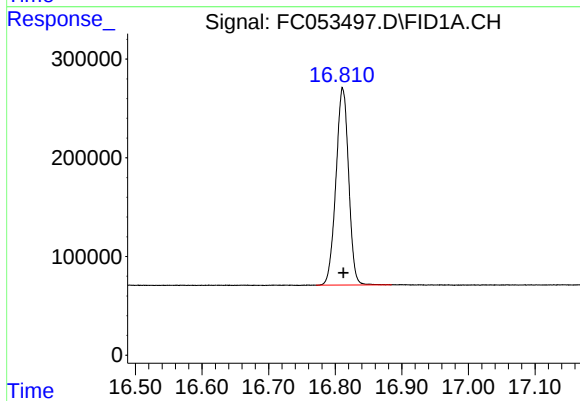
#14 n-Tetracosane (C24)

R.T.: 14.837 min
Delta R.T.: -0.002 min
Response: 2702086
Conc: 20.24 ug/ml



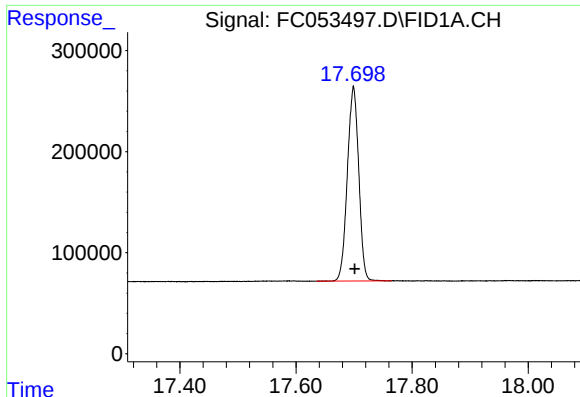
#15 n-Hexacosane (C26)

R.T.: 15.860 min
Delta R.T.: -0.002 min
Response: 2660682
Conc: 20.12 ug/ml



#16 n-Octacosane (C28)

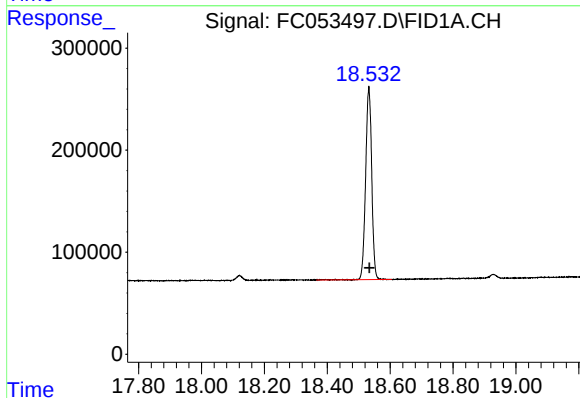
R.T.: 16.811 min
Delta R.T.: -0.001 min
Response: 2645561
Conc: 20.21 ug/ml



#17 n-Tricontane (C30)

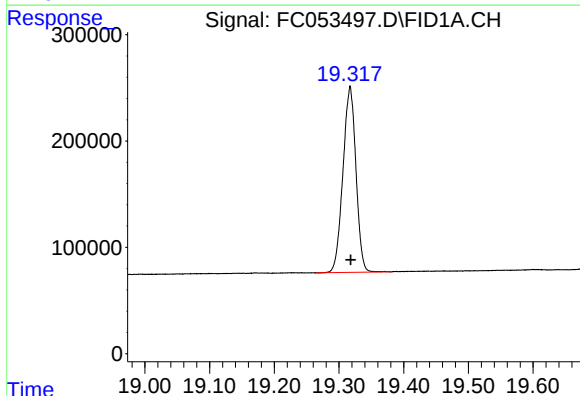
R.T.: 17.699 min
Delta R.T.: -0.002 min
Response: 2617477
Conc: 20.07 ug/ml

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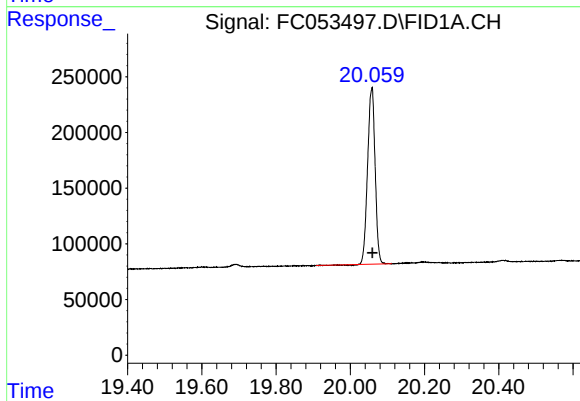
#18 n-Dotriacontane (C32)

R.T.: 18.532 min
Delta R.T.: -0.002 min
Response: 2533439
Conc: 20.08 ug/ml



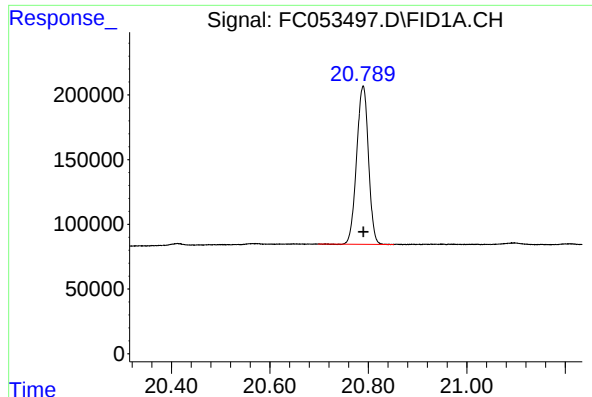
#19 n-Tetratriacontane (C34)

R.T.: 19.317 min
Delta R.T.: -0.001 min
Response: 2436611
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

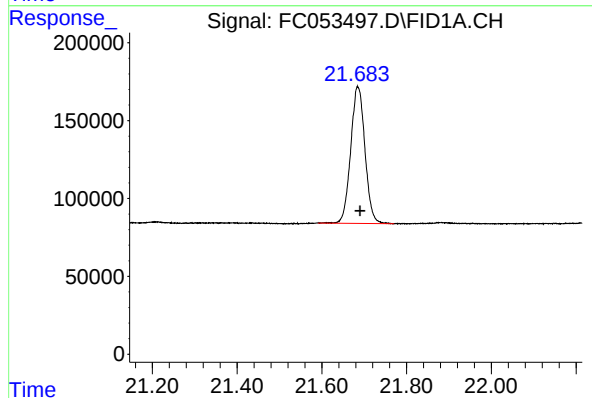
R.T.: 20.058 min
Delta R.T.: -0.002 min
Response: 2229132
Conc: 19.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.789 min
Delta R.T.: 0.000 min
Response: 2035090
Conc: 19.78 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.685 min
Delta R.T.: -0.005 min
Response: 2048942
Conc: 20.56 ug/ml