

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121620AL\
 Data File : FC051349.D
 Signal(s) : FID1A.CH
 Acq On : 17 Dec 2020 7:06
 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: Dec 17 07:42:34 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 112720.M
 Quant Title : GC Extractables
 QLast Update : Mon Nov 30 10:42:25 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)	11.573	2077643	16.885 ug/ml
Spiked Amount 50.000		Recovery =	33.77%
12) S 1-chlorooctadecane (S...	13.007	1593376	16.334 ug/ml
Spiked Amount 50.000		Recovery =	32.67%
Target Compounds			
1) T n-Nonane (C9)	3.333	2038145	19.152 ug/ml
2) T n-Decane (C10)	4.400	2046156	19.266 ug/ml
3) T A~Naphthalene (C11.7)	5.991	2132537	18.969 ug/ml
4) T n-Dodecane (C12)	6.418	2088595	19.196 ug/ml
5) T A~2-methylnaphthalene...	7.048	2062172	18.247 ug/ml
6) T n-Tetradecane (C14)	8.213	2049694	18.943 ug/ml
7) T n-Hexadecane (C16)	9.812	1975060	18.404 ug/ml
8) T n-Octadecane (C18)	11.253	2013527	17.654 ug/ml
10) T n-Eicosane (C20)	12.561	1960978	16.880 ug/ml
11) T n-Heneicosane (C21)	13.173	1920163	16.573 ug/ml
13) T n-Docosane (C22)	13.759	1882529	16.254 ug/ml
14) T n-Tetracosane (C24)	14.861	1834914	15.954 ug/ml
15) T n-Hexacosane (C26)	15.879	1800500	15.991 ug/ml
16) T n-Octacosane (C28)	16.829	1797834	16.237 ug/ml
17) T n-Tricontane (C30)	17.715	1800146	16.946 ug/ml
18) T n-Dotriacontane (C32)	18.547	1705738	17.457 ug/ml
19) T n-Tetratriacontane (C34)	19.328	1640596	18.382 ug/ml
20) T n-Hexatriacontane (C36)	20.065	1577920	18.919 ug/ml
21) T n-Octatriacontane (C38)	20.800	1511005	19.403 ug/ml
22) T n-Tetracontane (C40)	21.711	1481918	17.898 ug/ml

(f)=RT Delta > 1/2 Window

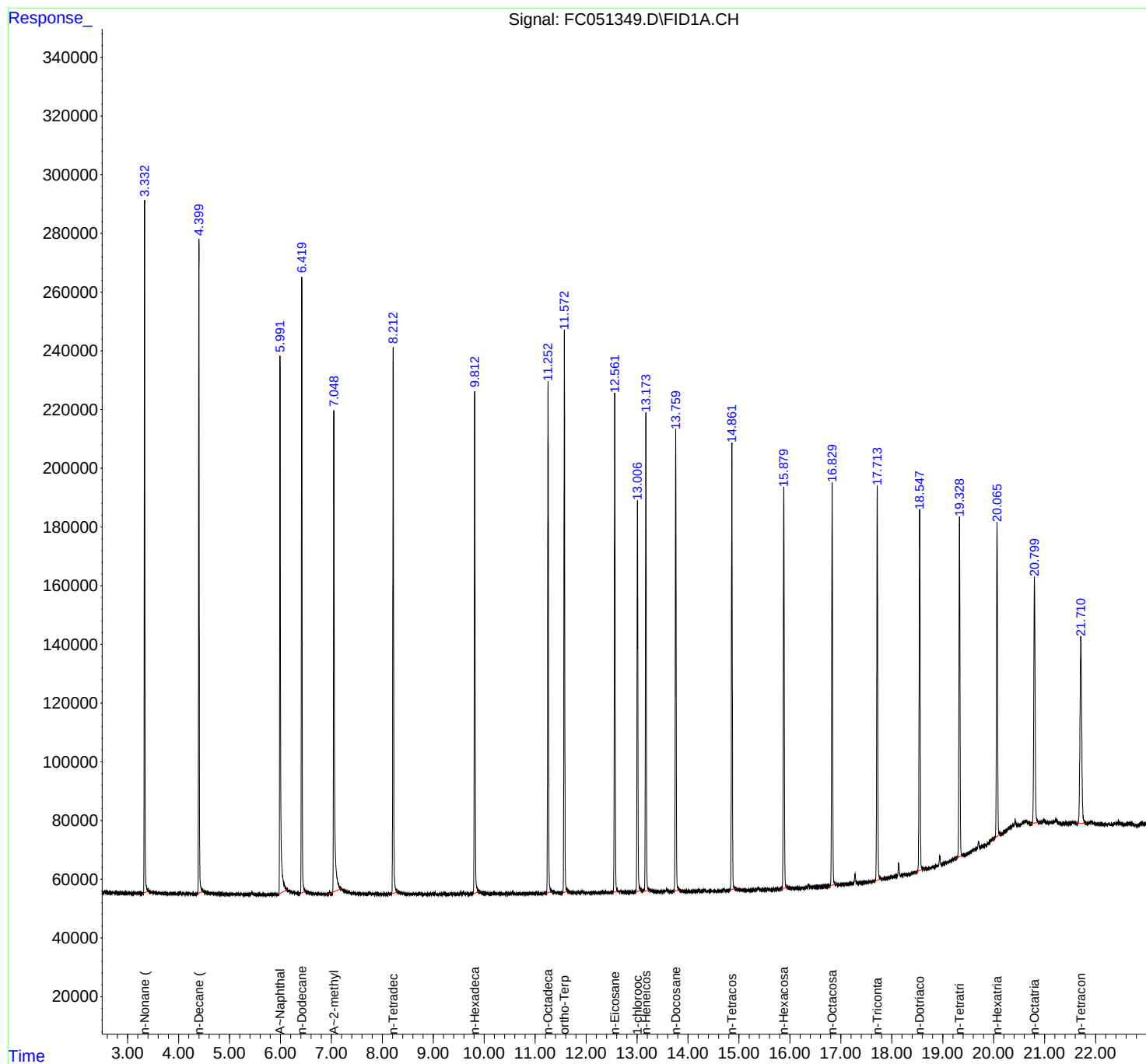
(m)=manual int.

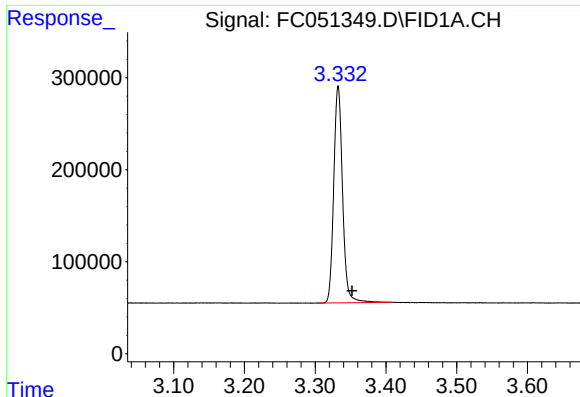
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC121620AL\
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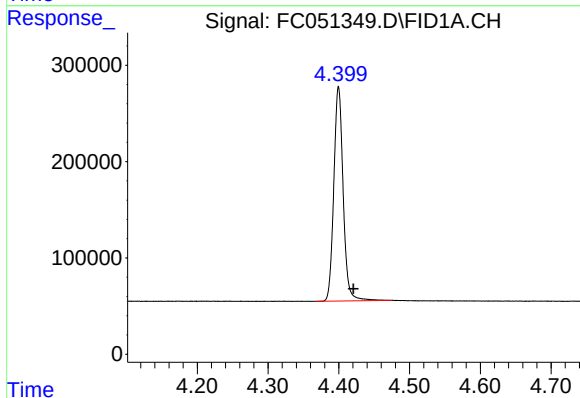




#1 n-Nonane (C9)

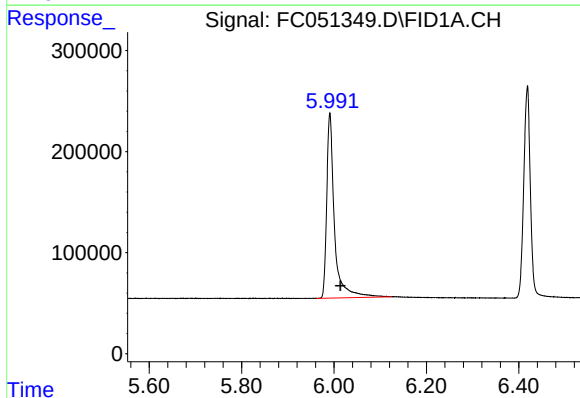
R.T.: 3.333 min
Delta R.T.: -0.019 min
Response: 2038145
Conc: 19.15 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



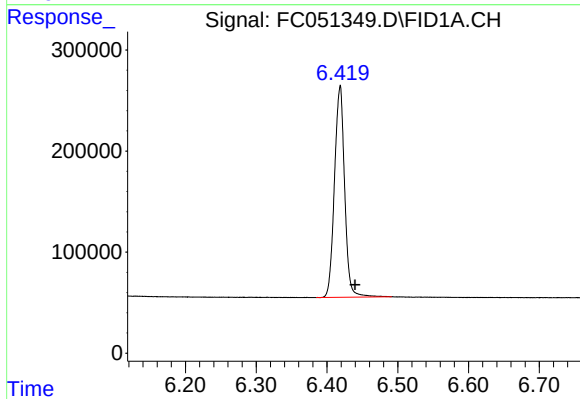
#2 n-Decane (C10)

R.T.: 4.400 min
Delta R.T.: -0.021 min
Response: 2046156
Conc: 19.27 ug/ml



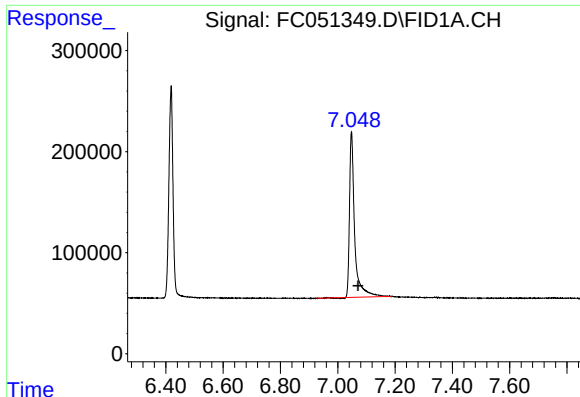
#3 A~Naphthalene (C11.7)

R.T.: 5.991 min
Delta R.T.: -0.022 min
Response: 2132537
Conc: 18.97 ug/ml



#4 n-Dodecane (C12)

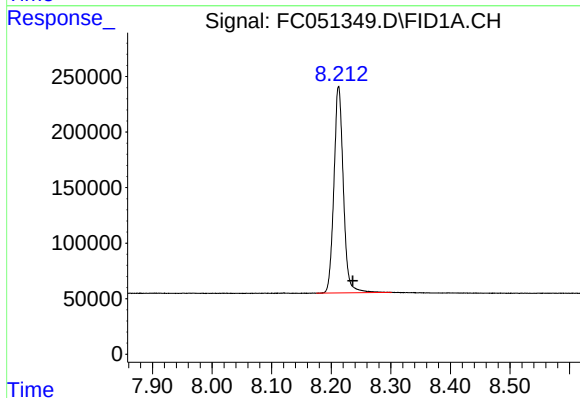
R.T.: 6.418 min
Delta R.T.: -0.022 min
Response: 2088595
Conc: 19.20 ug/ml



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

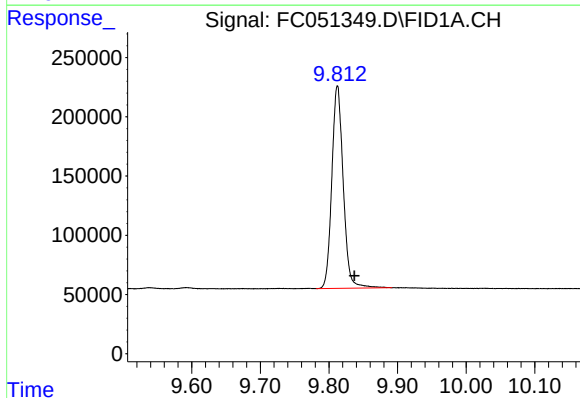
R.T.: 7.048 min
Delta R.T.: -0.023 min
Response: 2062172
Conc: 18.25 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



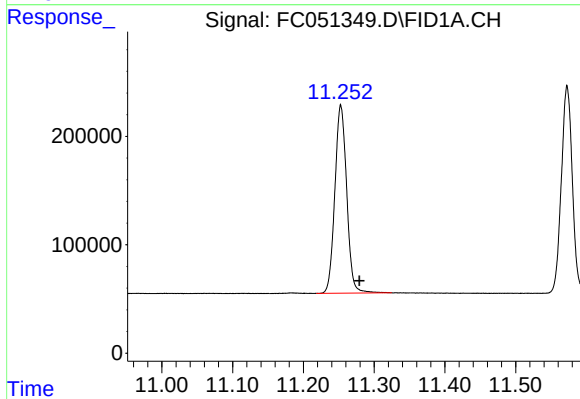
#6 n-Tetradecane (C14)

R.T.: 8.213 min
Delta R.T.: -0.024 min
Response: 2049694
Conc: 18.94 ug/ml



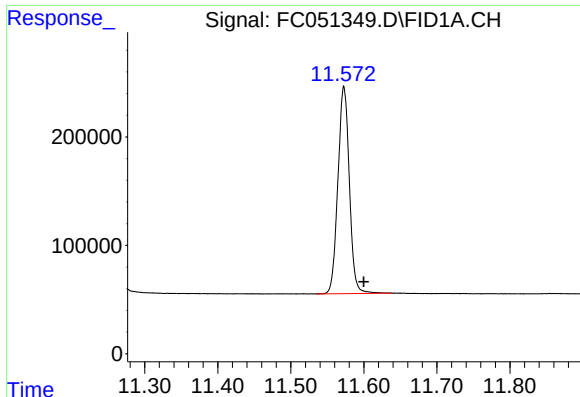
#7 n-Hexadecane (C16)

R.T.: 9.812 min
Delta R.T.: -0.025 min
Response: 1975060
Conc: 18.40 ug/ml



#8 n-Octadecane (C18)

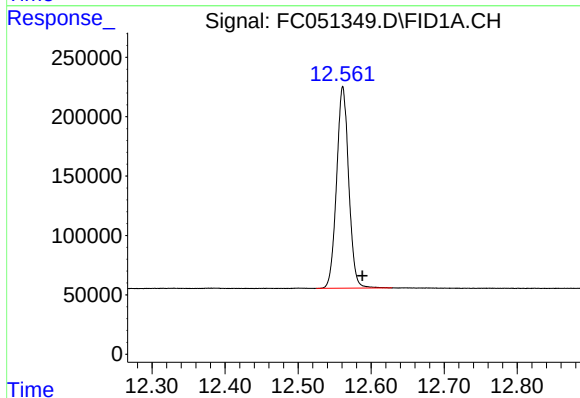
R.T.: 11.253 min
Delta R.T.: -0.026 min
Response: 2013527
Conc: 17.65 ug/ml



#9 ortho-Terphenyl (SURR)

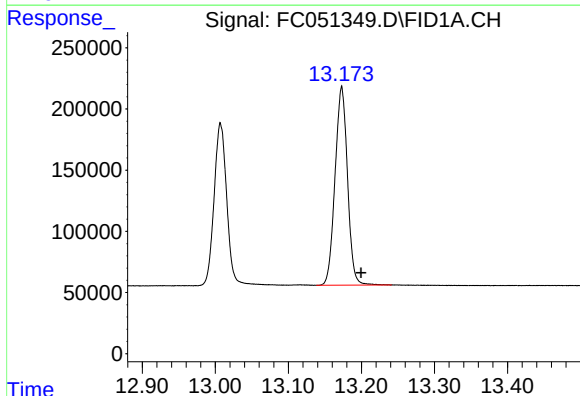
R.T.: 11.573 min
Delta R.T.: -0.027 min
Response: 2077643
Conc: 16.89 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



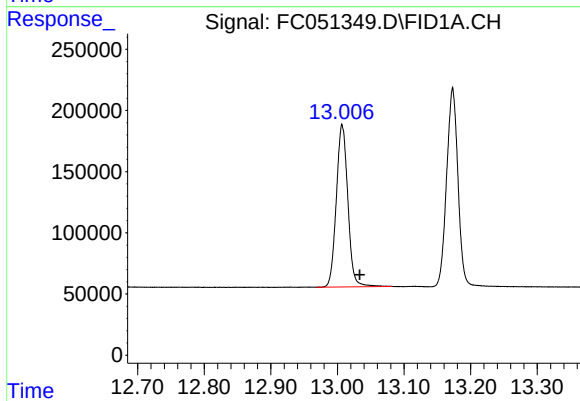
#10 n-Eicosane (C20)

R.T.: 12.561 min
Delta R.T.: -0.027 min
Response: 1960978
Conc: 16.88 ug/ml



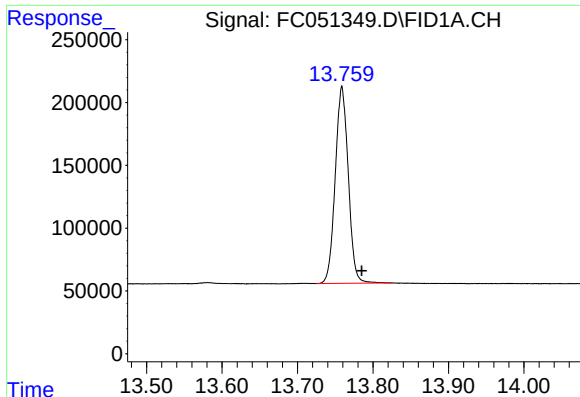
#11 n-Heneicosane (C21)

R.T.: 13.173 min
Delta R.T.: -0.026 min
Response: 1920163
Conc: 16.57 ug/ml



#12 1-chlorooctadecane (SURR)

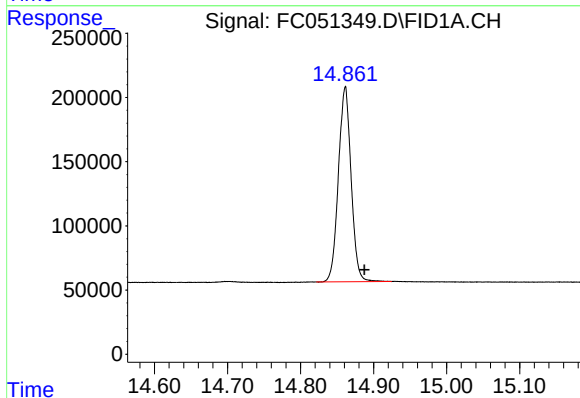
R.T.: 13.007 min
Delta R.T.: -0.026 min
Response: 1593376
Conc: 16.33 ug/ml



#13 n-Docosane (C22)

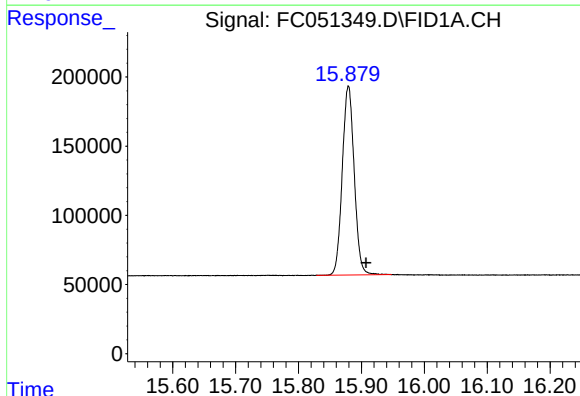
R.T.: 13.759 min
Delta R.T.: -0.027 min
Response: 1882529
Conc: 16.25 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



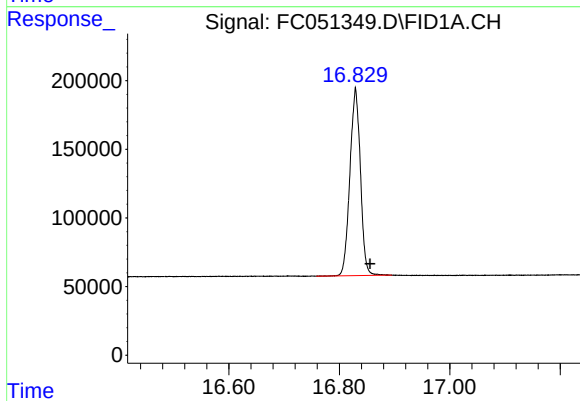
#14 n-Tetracosane (C24)

R.T.: 14.861 min
Delta R.T.: -0.026 min
Response: 1834914
Conc: 15.95 ug/ml



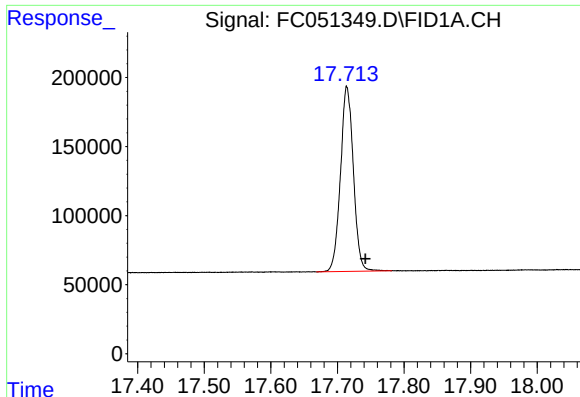
#15 n-Hexacosane (C26)

R.T.: 15.879 min
Delta R.T.: -0.028 min
Response: 1800500
Conc: 15.99 ug/ml



#16 n-Octacosane (C28)

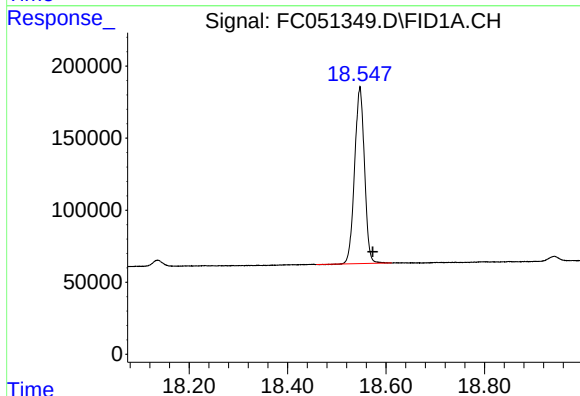
R.T.: 16.829 min
Delta R.T.: -0.027 min
Response: 1797834
Conc: 16.24 ug/ml



#17 n-Tricontane (C30)

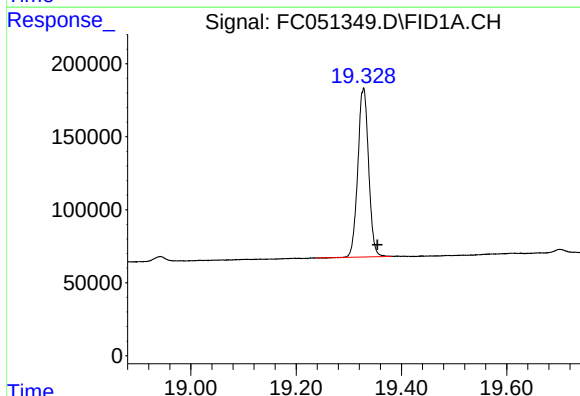
R.T.: 17.715 min
Delta R.T.: -0.027 min
Response: 1800146
Conc: 16.95 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



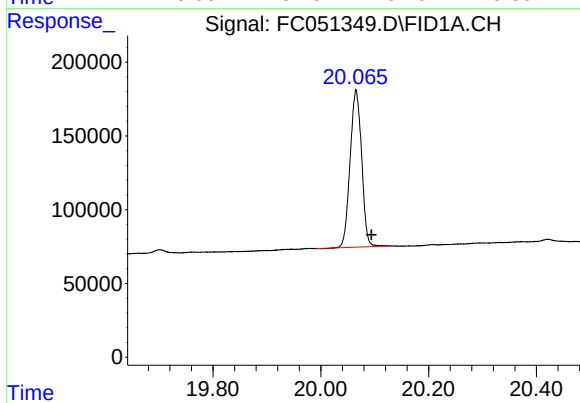
#18 n-Dotriacontane (C32)

R.T.: 18.547 min
Delta R.T.: -0.026 min
Response: 1705738
Conc: 17.46 ug/ml



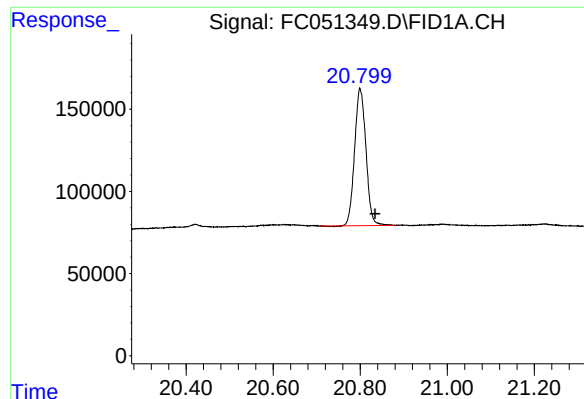
#19 n-Tetratriacontane (C34)

R.T.: 19.328 min
Delta R.T.: -0.027 min
Response: 1640596
Conc: 18.38 ug/ml



#20 n-Hexatriacontane (C36)

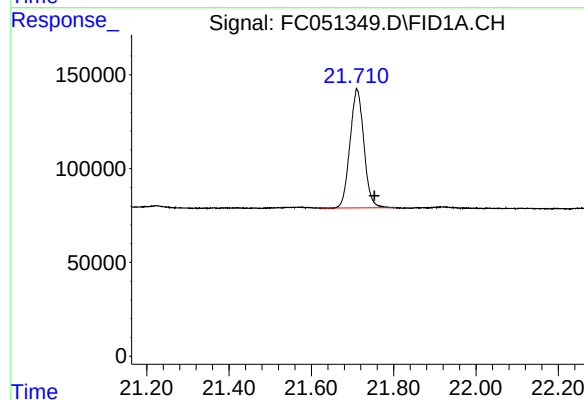
R.T.: 20.065 min
Delta R.T.: -0.029 min
Response: 1577920
Conc: 18.92 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.800 min
Delta R.T.: -0.034 min
Response: 1511005
Conc: 19.40 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.711 min
Delta R.T.: -0.042 min
Response: 1481918
Conc: 17.90 ug/ml