

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031522AL\
 Data File : FC058741.D
 Signal(s) : FID1A.CH
 Acq On : 15 Mar 2022 13:41
 Operator : UA/NP
 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: Mar 15 23:04:13 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 23 17:15:11 2022
 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)	11.396	2593965	17.809 ug/ml
Spiked Amount 50.000		Recovery =	35.62%
12) S 1-chlorooctadecane (S...	12.827	1975652	17.430 ug/ml
Spiked Amount 50.000		Recovery =	34.86%
Target Compounds			
1) T n-Nonane (C9)	3.255	2316886	19.267 ug/ml
2) T n-Decane (C10)	4.304	2307005	19.387 ug/ml
3) T A~Naphthalene (C11.7)	5.866	2368576	18.250 ug/ml
4) T n-Dodecane (C12)	6.296	2387343	19.407 ug/ml
5) T A~2-methylnaphthalene...	6.911	2349964	18.025 ug/ml
6) T n-Tetradecane (C14)	8.073	2391588	19.086 ug/ml
7) T n-Hexadecane (C16)	9.659	2412836	18.736 ug/ml
8) T n-Octadecane (C18)	11.089	2439659	18.539 ug/ml
10) T n-Eicosane (C20)	12.388	2367738	18.006 ug/ml
11) T n-Heneicosane (C21)	12.996	2360927	17.864 ug/ml
13) T n-Docosane (C22)	13.577	2320480	17.799 ug/ml
14) T n-Tetracosane (C24)	14.673	2271100	17.587 ug/ml
15) T n-Hexacosane (C26)	15.688	2193480	17.732 ug/ml
16) T n-Octacosane (C28)	16.631	2170572	18.235 ug/ml
17) T n-Tricontane (C30)	17.513	2169106	19.270 ug/ml
18) T n-Dotriacontane (C32)	18.343	2108188	19.605 ug/ml
19) T n-Tetratriacontane (C34)	19.122	1992718	20.567 ug/ml
20) T n-Hexatriacontane (C36)	19.858	1878639	20.824 ug/ml
21) T n-Octatriacontane (C38)	20.562	1828932	21.017 ug/ml
22) T n-Tetracontane (C40)	21.387	1843031	21.962 ug/ml

(f)=RT Delta > 1/2 Window

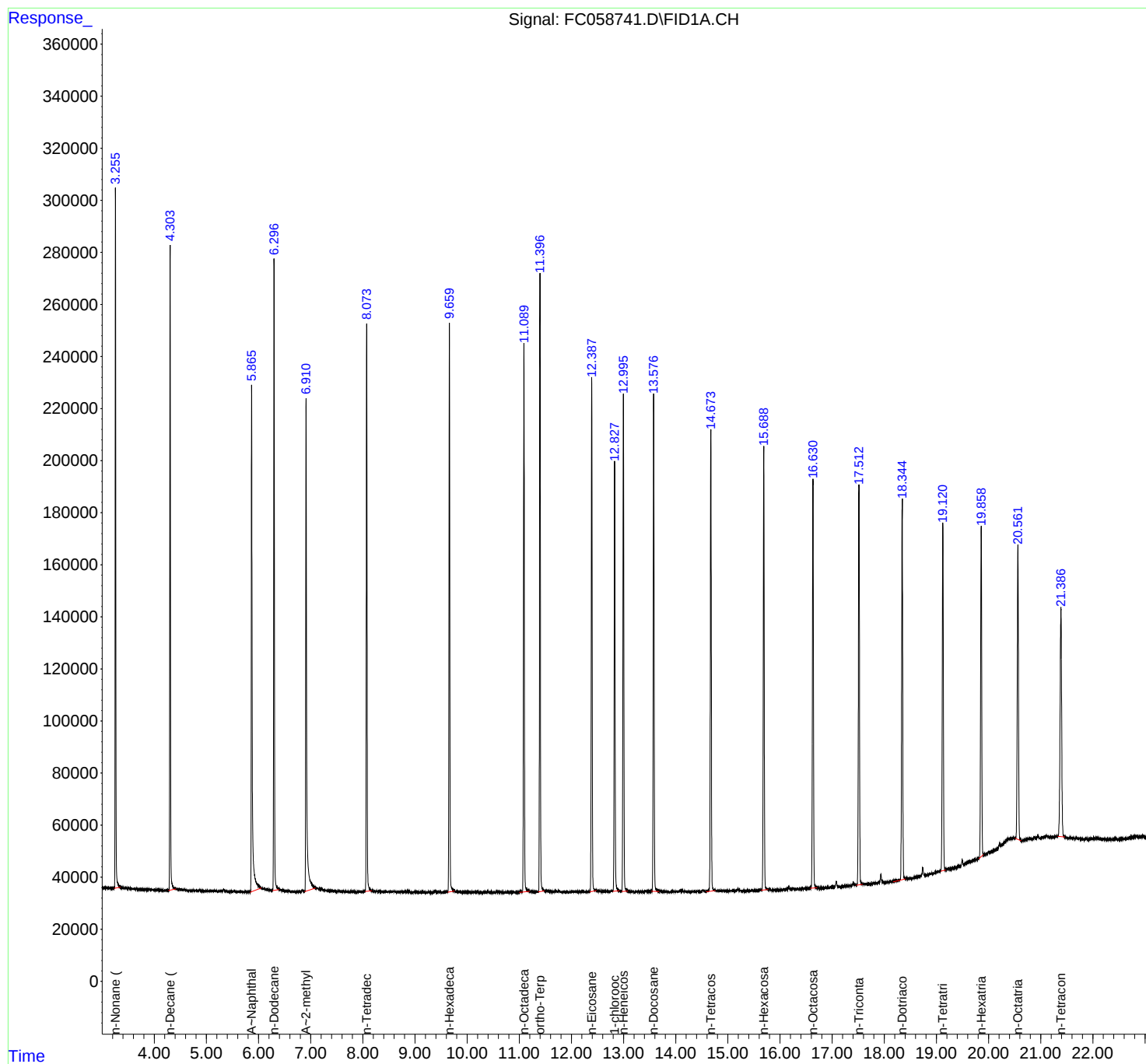
(m)=manual int.

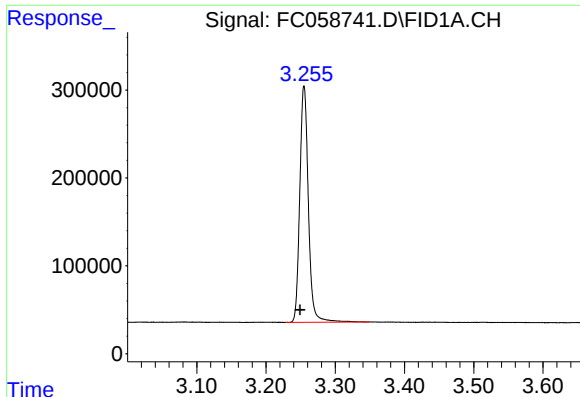
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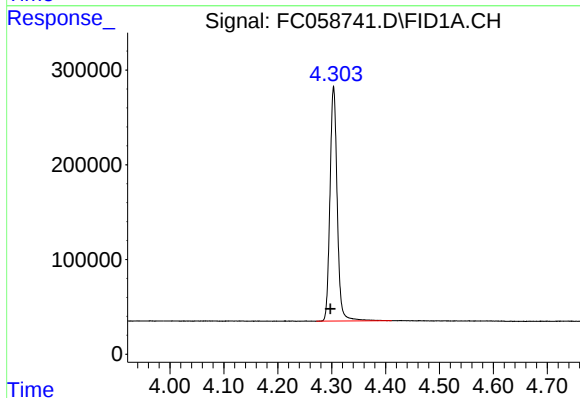




#1 n-Nonane (C9)

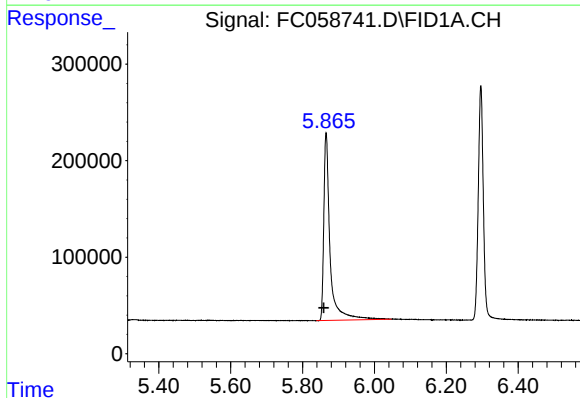
R.T.: 3.255 min
Delta R.T.: 0.006 min
Response: 2316886
Conc: 19.27 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



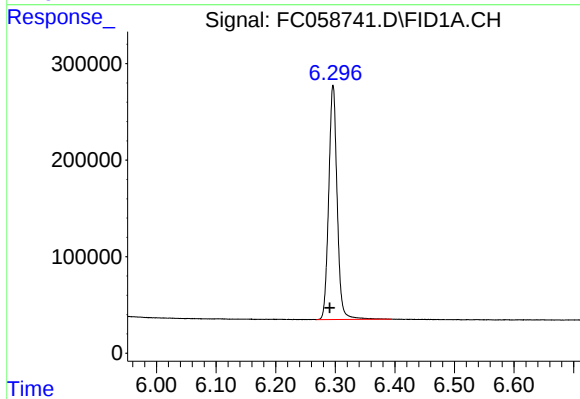
#2 n-Decane (C10)

R.T.: 4.304 min
Delta R.T.: 0.006 min
Response: 2307005
Conc: 19.39 ug/ml



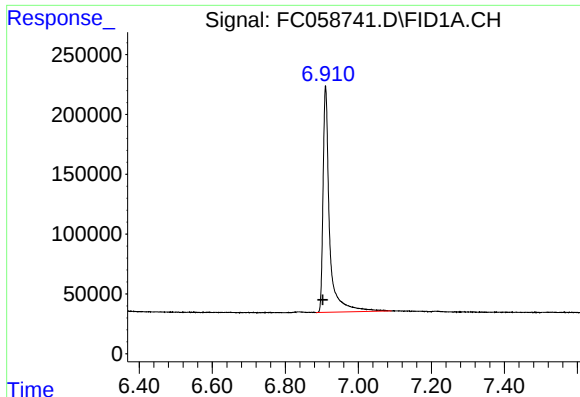
#3 A~Naphthalene (C11.7)

R.T.: 5.866 min
Delta R.T.: 0.007 min
Response: 2368576
Conc: 18.25 ug/ml



#4 n-Dodecane (C12)

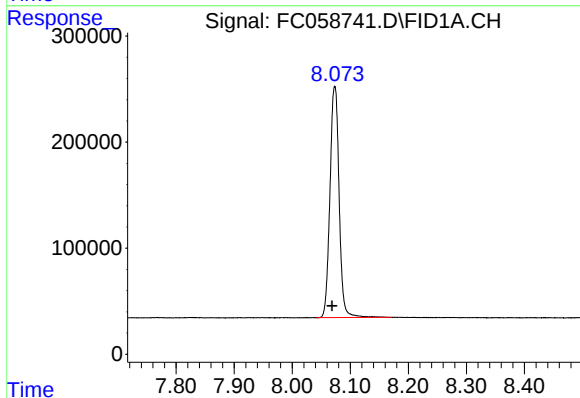
R.T.: 6.296 min
Delta R.T.: 0.005 min
Response: 2387343
Conc: 19.41 ug/ml



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

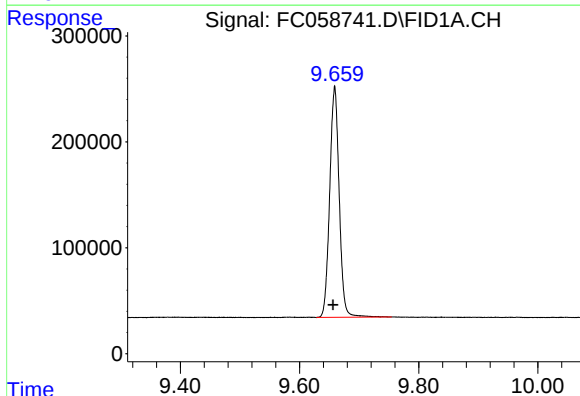
R.T.: 6.911 min
Delta R.T.: 0.008 min
Response: 2349964
Conc: 18.03 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



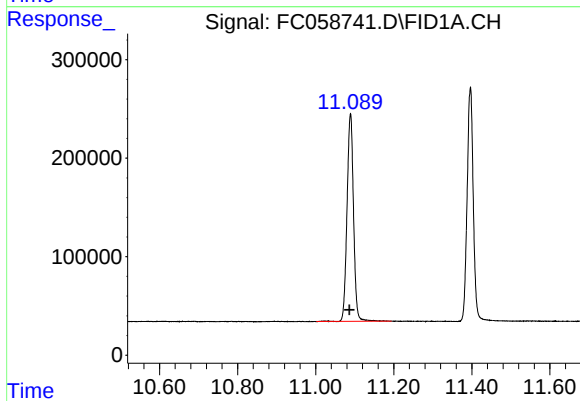
#6 n-Tetradecane (C14)

R.T.: 8.073 min
Delta R.T.: 0.005 min
Response: 2391588
Conc: 19.09 ug/ml



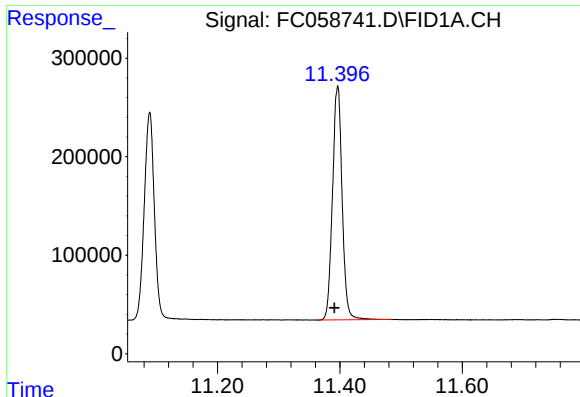
#7 n-Hexadecane (C16)

R.T.: 9.659 min
Delta R.T.: 0.003 min
Response: 2412836
Conc: 18.74 ug/ml



#8 n-Octadecane (C18)

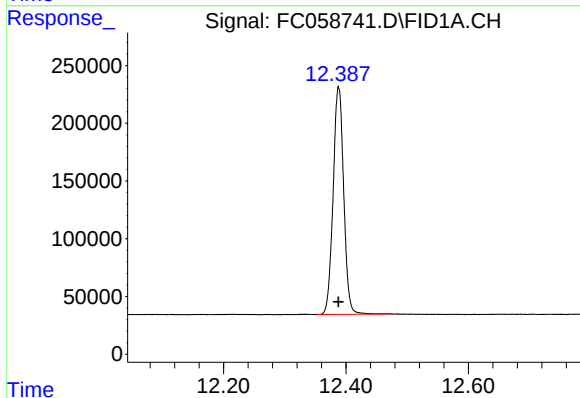
R.T.: 11.089 min
Delta R.T.: 0.002 min
Response: 2439659
Conc: 18.54 ug/ml



#9 ortho-Terphenyl (SURR)

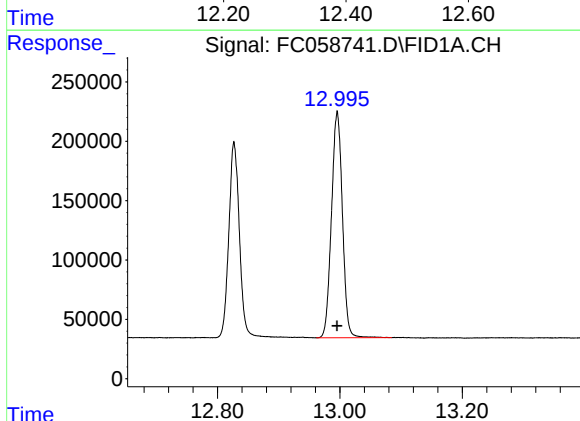
R.T.: 11.396 min
Delta R.T.: 0.005 min
Response: 2593965
Conc: 17.81 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



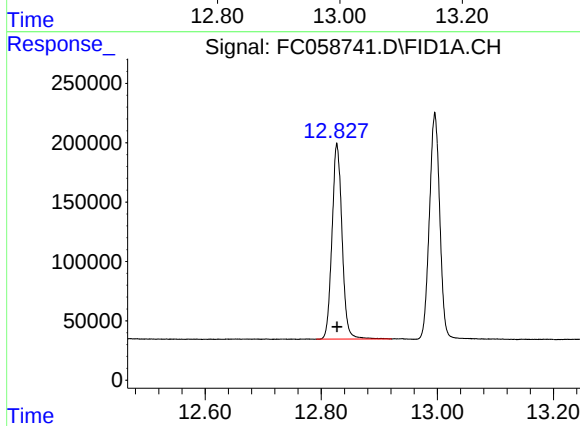
#10 n-Eicosane (C20)

R.T.: 12.388 min
Delta R.T.: 0.000 min
Response: 2367738
Conc: 18.01 ug/ml



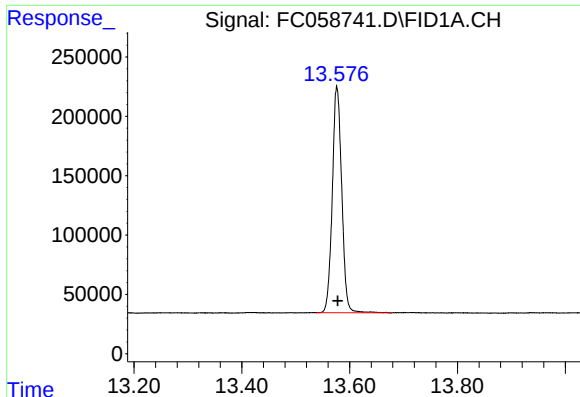
#11 n-Heneicosane (C21)

R.T.: 12.996 min
Delta R.T.: 0.000 min
Response: 2360927
Conc: 17.86 ug/ml



#12 1-chlorooctadecane (SURR)

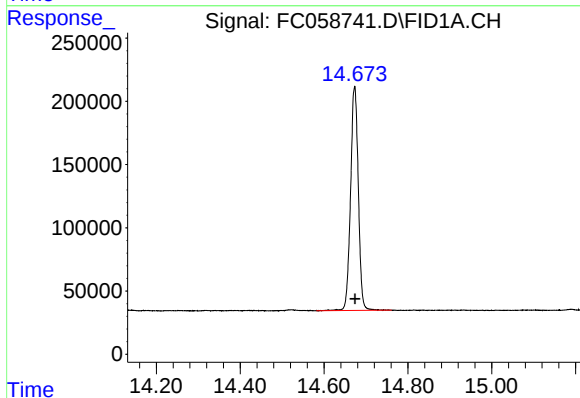
R.T.: 12.827 min
Delta R.T.: 0.000 min
Response: 1975652
Conc: 17.43 ug/ml



#13 n-Docosane (C22)

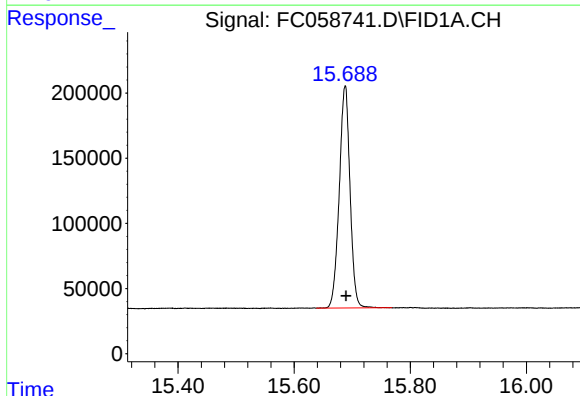
R.T.: 13.577 min
Delta R.T.: -0.001 min
Response: 2320480
Conc: 17.80 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



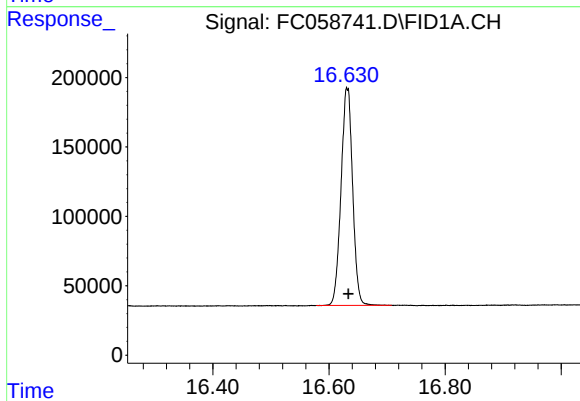
#14 n-Tetracosane (C24)

R.T.: 14.673 min
Delta R.T.: 0.000 min
Response: 2271100
Conc: 17.59 ug/ml



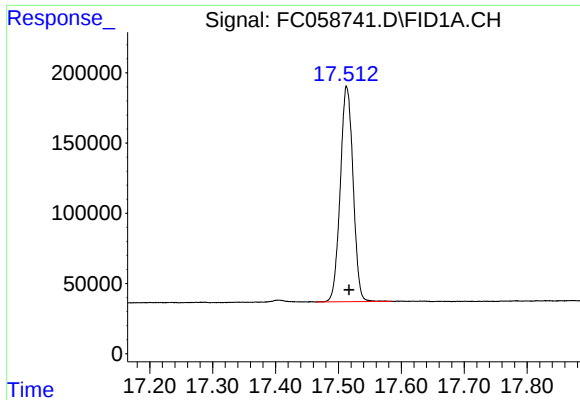
#15 n-Hexacosane (C26)

R.T.: 15.688 min
Delta R.T.: -0.002 min
Response: 2193480
Conc: 17.73 ug/ml



#16 n-Octacosane (C28)

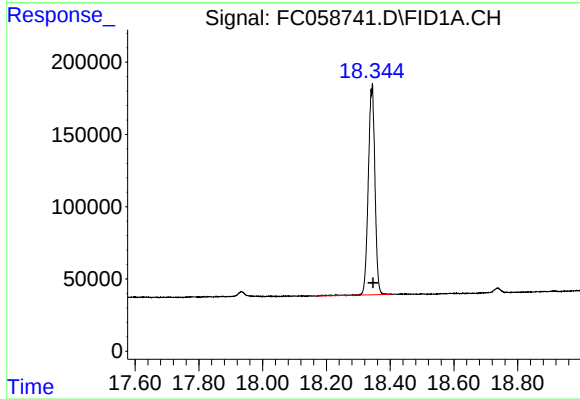
R.T.: 16.631 min
Delta R.T.: -0.002 min
Response: 2170572
Conc: 18.23 ug/ml



#17 n-Tricontane (C30)

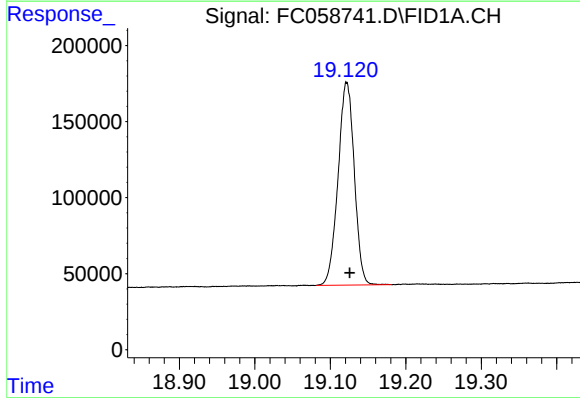
R.T.: 17.513 min
Delta R.T.: -0.004 min
Response: 2169106
Conc: 19.27 ug/ml

Instrument :
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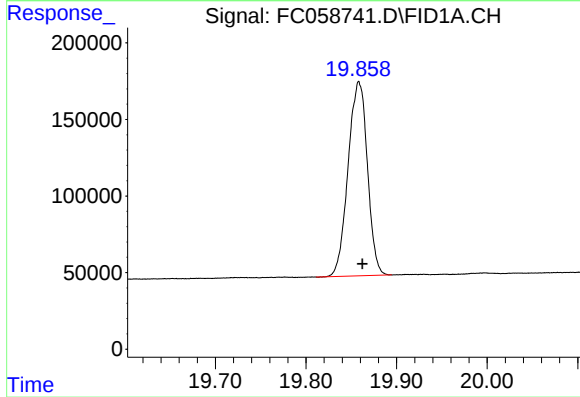
#18 n-Dotriacontane (C32)

R.T.: 18.343 min
Delta R.T.: -0.003 min
Response: 2108188
Conc: 19.61 ug/ml



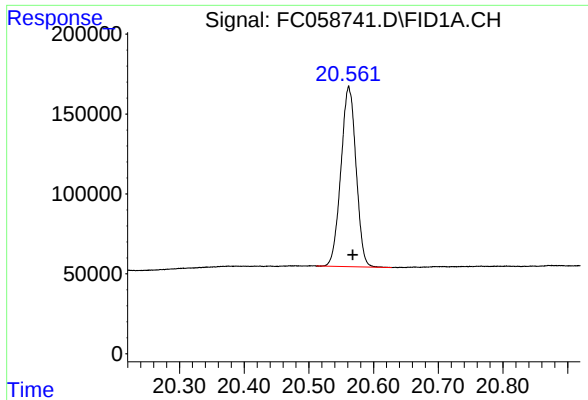
#19 n-Tetratriacontane (C34)

R.T.: 19.122 min
Delta R.T.: -0.004 min
Response: 1992718
Conc: 20.57 ug/ml



#20 n-Hexatriacontane (C36)

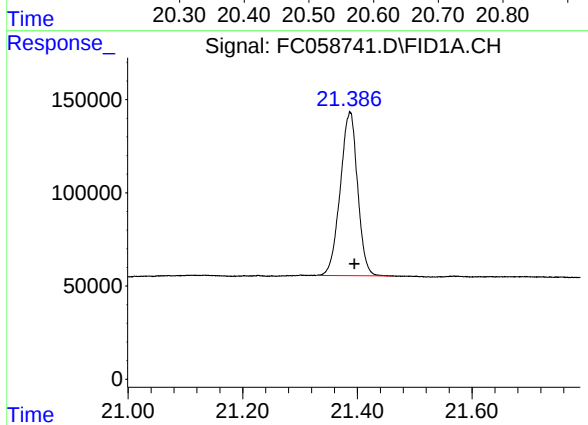
R.T.: 19.858 min
Delta R.T.: -0.004 min
Response: 1878639
Conc: 20.82 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.562 min
Delta R.T.: -0.006 min
Response: 1828932
Conc: 21.02 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.387 min
Delta R.T.: -0.008 min
Response: 1843031
Conc: 21.96 ug/ml