

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032321AL\
 Data File : FC052649.D
 Signal(s) : FID1A.CH
 Acq On : 23 Mar 2021 16:40
 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: Mar 24 01:54:58 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 031721.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 17 03:47:28 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)	11.565	2734309	20.399 ug/ml
Spiked Amount 50.000		Recovery =	40.80%
12) S 1-chlorooctadecane (S...	13.001	2136968	19.813 ug/ml
Spiked Amount 50.000		Recovery =	39.63%
Target Compounds			
1) T n-Nonane (C9)	3.325	2541383	21.880 ug/ml
2) T n-Decane (C10)	4.391	2586968	22.076 ug/ml
3) T A~Naphthalene (C11.7)	5.976	2884405	22.031 ug/ml
4) T n-Dodecane (C12)	6.410	2660844	22.162 ug/ml
5) T A~2-methylnaphthalene...	7.033	2950221	22.040 ug/ml
6) T n-Tetradecane (C14)	8.206	2665254	22.037 ug/ml
7) T n-Hexadecane (C16)	9.807	2605853	21.667 ug/ml
8) T n-Octadecane (C18)	11.249	2649847	21.002 ug/ml
10) T n-Eicosane (C20)	12.558	2584895	20.243 ug/ml
11) T n-Heneicosane (C21)	13.168	2513132	19.772 ug/ml
13) T n-Docosane (C22)	13.755	2452750	19.362 ug/ml
14) T n-Tetracosane (C24)	14.858	2337036	18.708 ug/ml
15) T n-Hexacosane (C26)	15.878	2193686	18.218 ug/ml
16) T n-Octacosane (C28)	16.828	2094766	18.169 ug/ml
17) T n-Tricontane (C30)	17.714	2037662	18.703 ug/ml
18) T n-Dotriacontane (C32)	18.545	1968774	19.621 ug/ml
19) T n-Tetratriacontane (C34)	19.327	1935082	21.052 ug/ml
20) T n-Hexatriacontane (C36)	20.066	1897032	20.804 ug/ml
21) T n-Octatriacontane (C38)	20.796	1846998	22.631 ug/ml
22) T n-Tetracontane (C40)	21.698	1909607	22.169 ug/ml

(f)=RT Delta > 1/2 Window

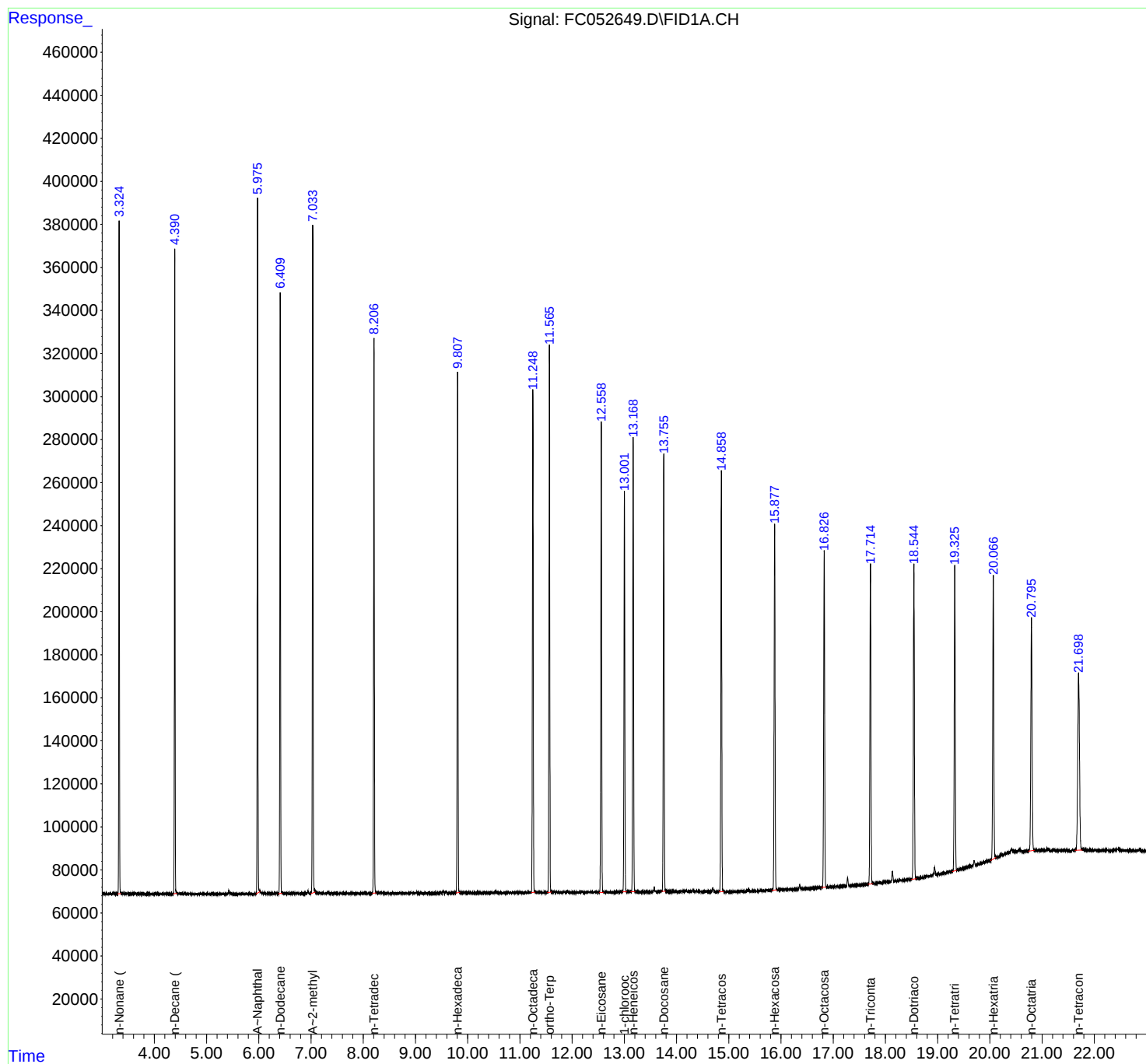
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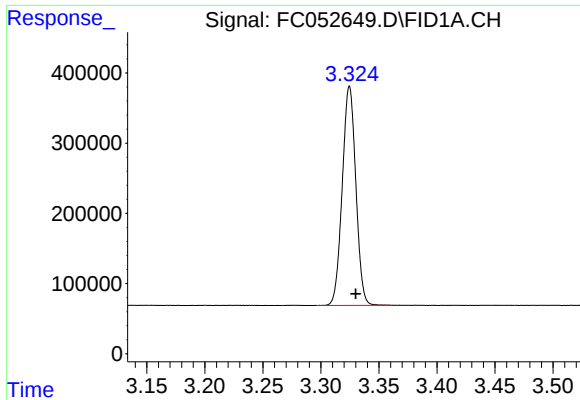
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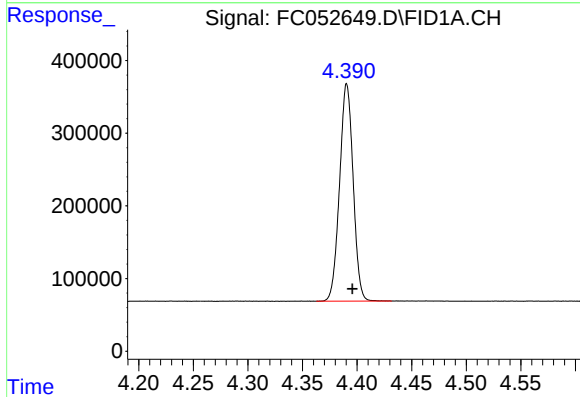




#1 n-Nonane (C9)

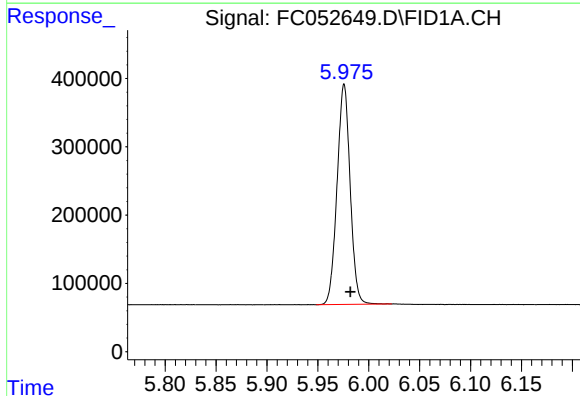
R.T.: 3.325 min
Delta R.T.: -0.005 min
Response: 2541383
Conc: 21.88 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



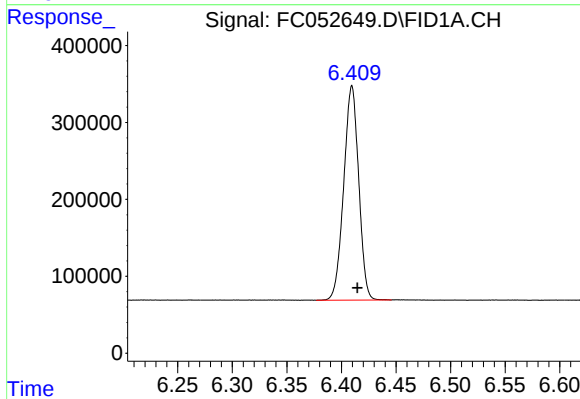
#2 n-Decane (C10)

R.T.: 4.391 min
Delta R.T.: -0.005 min
Response: 2586968
Conc: 22.08 ug/ml



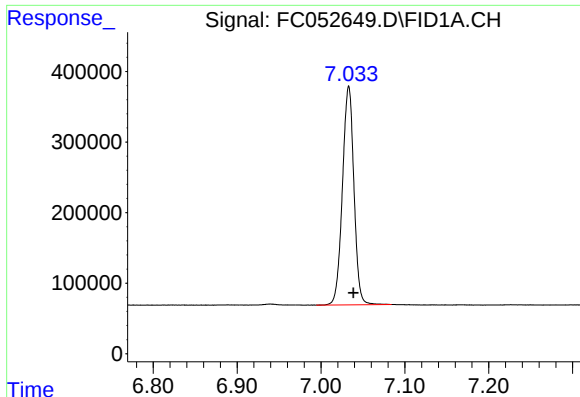
#3 A~Naphthalene (C11.7)

R.T.: 5.976 min
Delta R.T.: -0.006 min
Response: 2884405
Conc: 22.03 ug/ml



#4 n-Dodecane (C12)

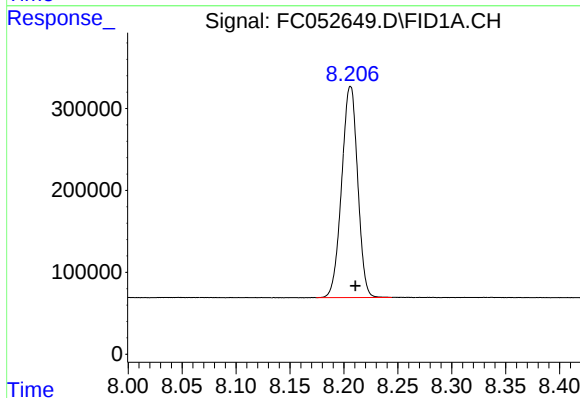
R.T.: 6.410 min
Delta R.T.: -0.005 min
Response: 2660844
Conc: 22.16 ug/ml



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

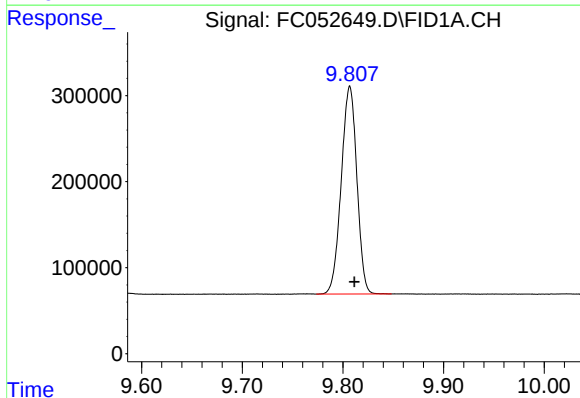
R.T.: 7.033 min
Delta R.T.: -0.006 min
Response: 2950221
Conc: 22.04 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



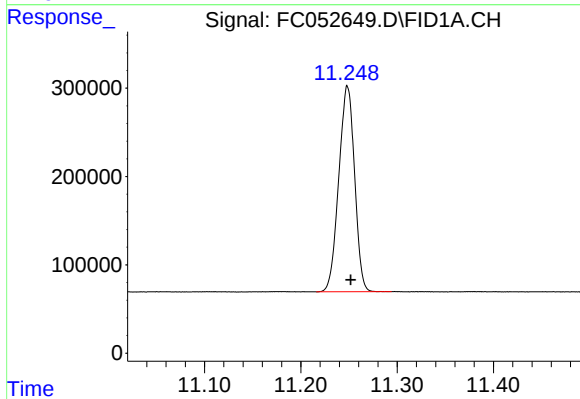
#6 n-Tetradecane (C14)

R.T.: 8.206 min
Delta R.T.: -0.005 min
Response: 2665254
Conc: 22.04 ug/ml



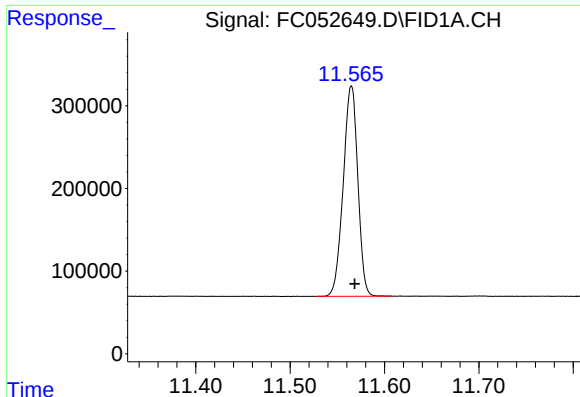
#7 n-Hexadecane (C16)

R.T.: 9.807 min
Delta R.T.: -0.005 min
Response: 2605853
Conc: 21.67 ug/ml



#8 n-Octadecane (C18)

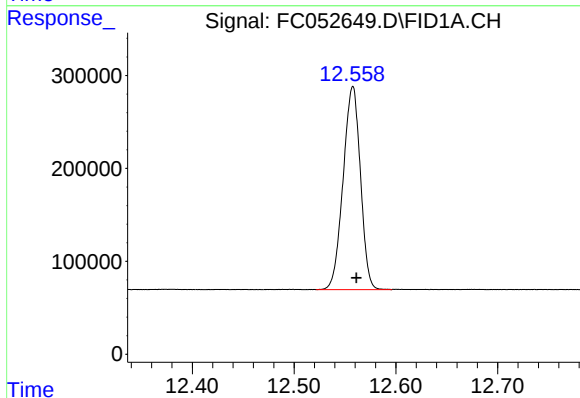
R.T.: 11.249 min
Delta R.T.: -0.003 min
Response: 2649847
Conc: 21.00 ug/ml



#9 ortho-Terphenyl (SURR)

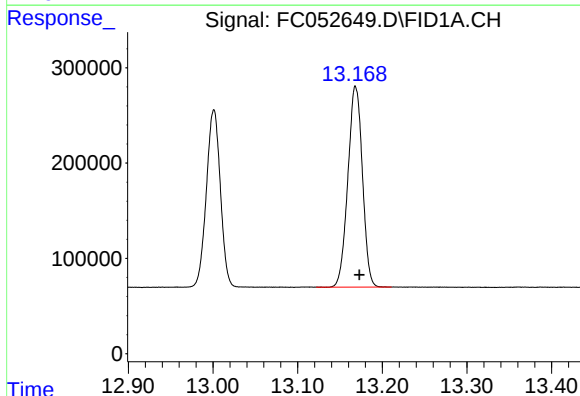
R.T.: 11.565 min
Delta R.T.: -0.003 min
Response: 2734309
Conc: 20.40 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



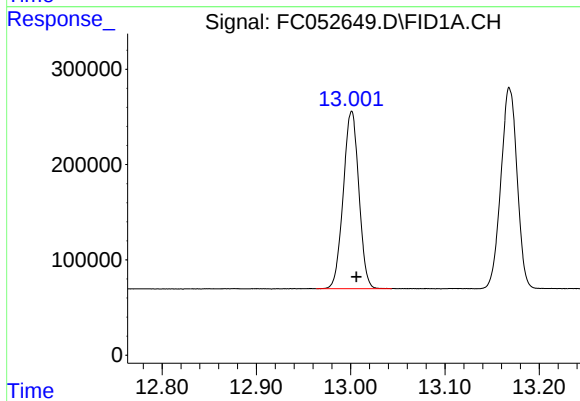
#10 n-Eicosane (C20)

R.T.: 12.558 min
Delta R.T.: -0.003 min
Response: 2584895
Conc: 20.24 ug/ml



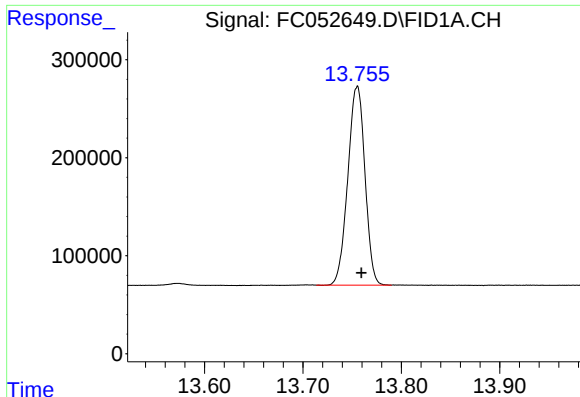
#11 n-Heneicosane (C21)

R.T.: 13.168 min
Delta R.T.: -0.004 min
Response: 2513132
Conc: 19.77 ug/ml



#12 1-chlorooctadecane (SURR)

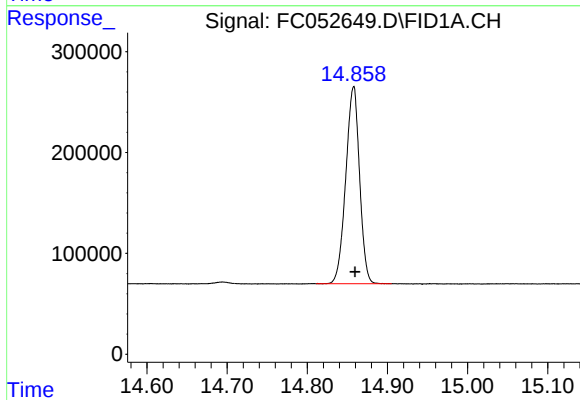
R.T.: 13.001 min
Delta R.T.: -0.005 min
Response: 2136968
Conc: 19.81 ug/ml



#13 n-Docosane (C22)

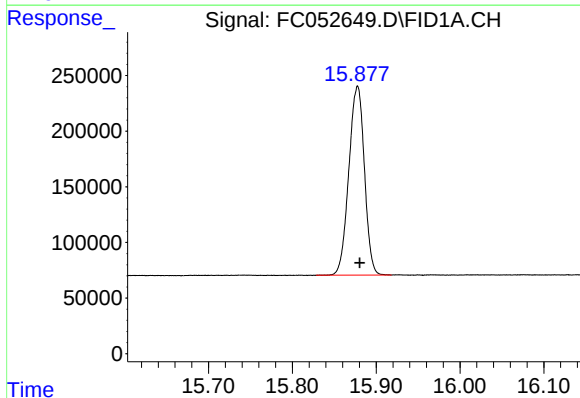
R.T.: 13.755 min
Delta R.T.: -0.004 min
Response: 2452750
Conc: 19.36 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



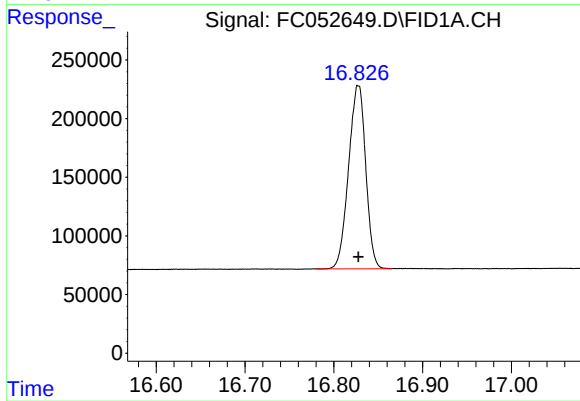
#14 n-Tetracosane (C24)

R.T.: 14.858 min
Delta R.T.: -0.002 min
Response: 2337036
Conc: 18.71 ug/ml



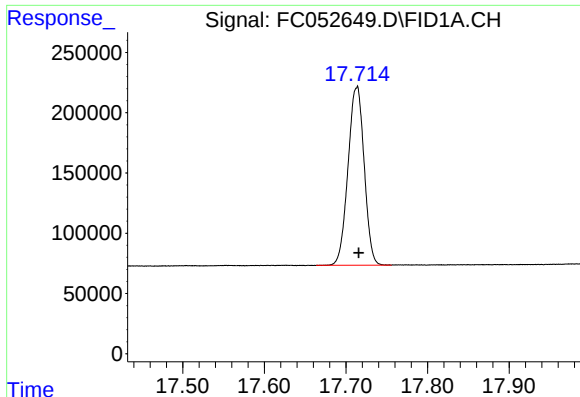
#15 n-Hexacosane (C26)

R.T.: 15.878 min
Delta R.T.: -0.003 min
Response: 2193686
Conc: 18.22 ug/ml



#16 n-Octacosane (C28)

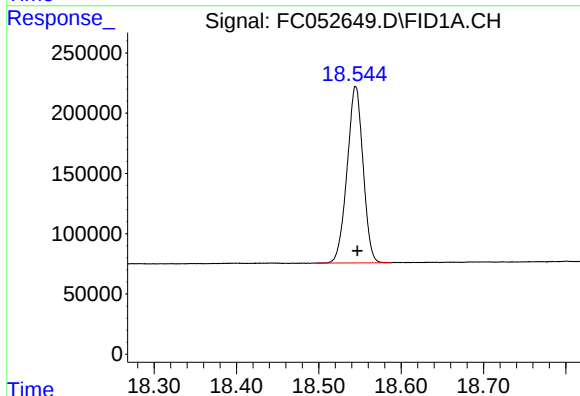
R.T.: 16.828 min
Delta R.T.: 0.000 min
Response: 2094766
Conc: 18.17 ug/ml



#17 n-Tricontane (C30)

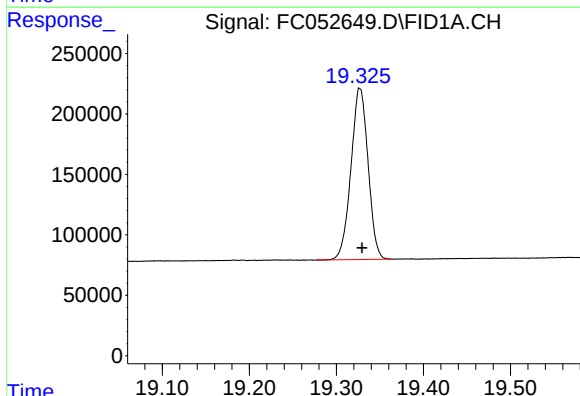
R.T.: 17.714 min
Delta R.T.: -0.002 min
Response: 2037662
Conc: 18.70 ug/ml

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FID_C
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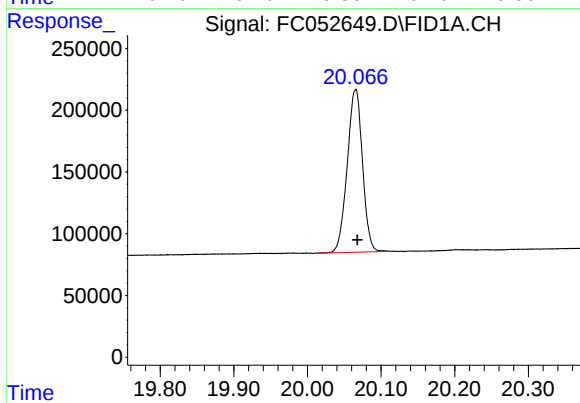
#18 n-Dotriacontane (C32)

R.T.: 18.545 min
Delta R.T.: -0.002 min
Response: 1968774
Conc: 19.62 ug/ml



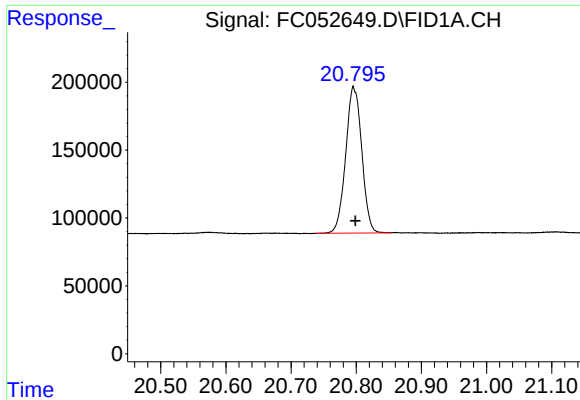
#19 n-Tetratriacontane (C34)

R.T.: 19.327 min
Delta R.T.: -0.002 min
Response: 1935082
Conc: 21.05 ug/ml



#20 n-Hexatriacontane (C36)

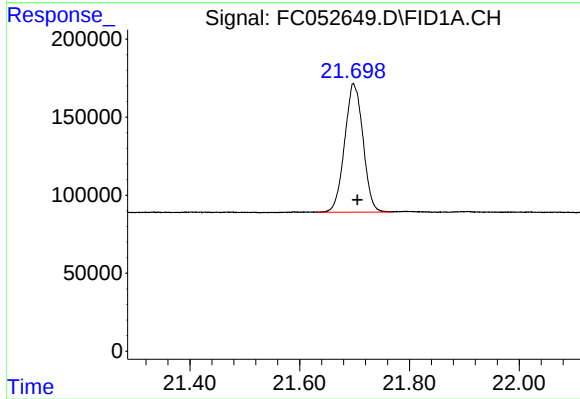
R.T.: 20.066 min
Delta R.T.: -0.002 min
Response: 1897032
Conc: 20.80 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.796 min
Delta R.T.: -0.003 min
Response: 1846998
Conc: 22.63 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.698 min
Delta R.T.: -0.007 min
Response: 1909607
Conc: 22.17 ug/ml