

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030821AL\
 Data File : FC052290.D
 Signal(s) : FID1A.CH
 Acq On : 08 Mar 2021 9:16
 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 09 02:54:39 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 030321.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 04 03:56:17 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)	11.612	2444454	18.536 ug/ml
Spiked Amount 50.000		Recovery =	37.07%
12) S 1-chlorooctadecane (S...	13.049	1913772	18.402 ug/ml
Spiked Amount 50.000		Recovery =	36.80%
Target Compounds			
1) T n-Nonane (C9)	3.353	2285977	19.393 ug/ml
2) T n-Decane (C10)	4.422	2300963	19.374 ug/ml
3) T A~Naphthalene (C11.7)	6.014	2576442	19.404 ug/ml
4) T n-Dodecane (C12)	6.446	2338441	19.344 ug/ml
5) T A~2-methylnaphthalene...	7.074	2628695	19.367 ug/ml
6) T n-Tetradecane (C14)	8.245	2333944	19.250 ug/ml
7) T n-Hexadecane (C16)	9.849	2282180	19.074 ug/ml
8) T n-Octadecane (C18)	11.293	2333606	18.852 ug/ml
10) T n-Eicosane (C20)	12.604	2294237	18.619 ug/ml
11) T n-Heneicosane (C21)	13.216	2252878	18.455 ug/ml
13) T n-Docosane (C22)	13.802	2206435	18.338 ug/ml
14) T n-Tetracosane (C24)	14.908	2099663	18.010 ug/ml
15) T n-Hexacosane (C26)	15.929	1952738	17.776 ug/ml
16) T n-Octacosane (C28)	16.878	1835801	17.910 ug/ml
17) T n-Tricontane (C30)	17.766	1741660	18.501 ug/ml
18) T n-Dotriacontane (C32)	18.598	1645200	19.269 ug/ml
19) T n-Tetratriacontane (C34)	19.382	1596184	20.588 ug/ml
20) T n-Hexatriacontane (C36)	20.122	1542661	21.469 ug/ml
21) T n-Octatriacontane (C38)	20.864	1501980	21.926 ug/ml
22) T n-Tetracontane (C40)	21.791	1582659	22.009 ug/ml

(f)=RT Delta > 1/2 Window

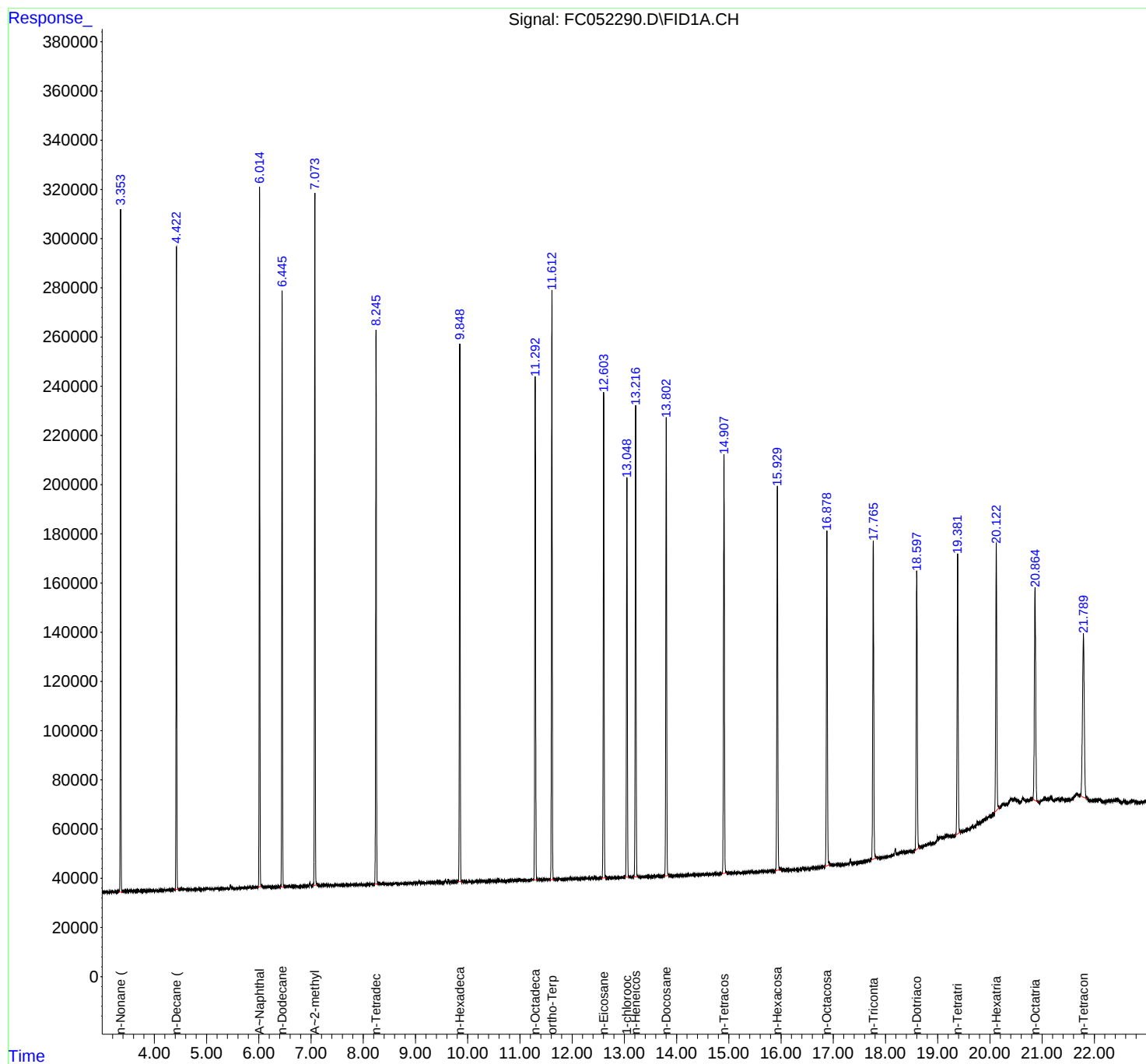
(m)=manual int.

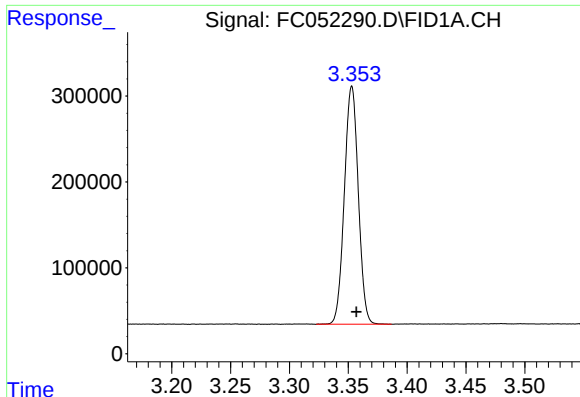
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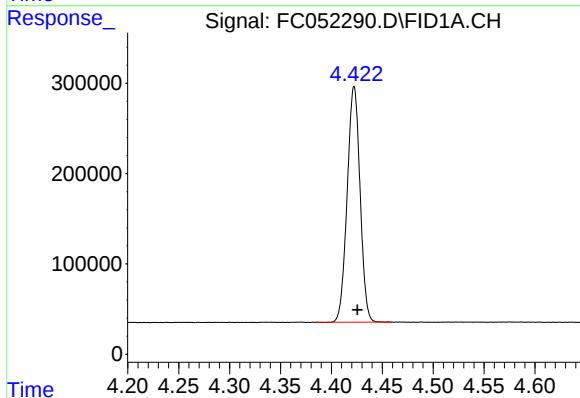




#1 n-Nonane (C9)

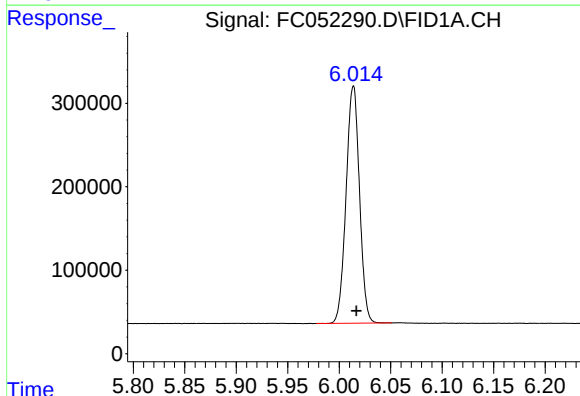
R.T.: 3.353 min
Delta R.T.: -0.004 min
Response: 2285977
Conc: 19.39 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



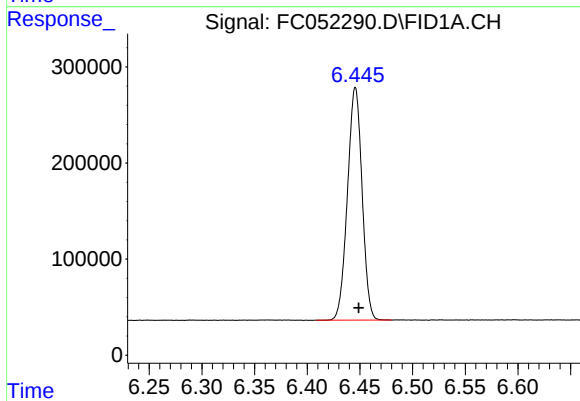
#2 n-Decane (C10)

R.T.: 4.422 min
Delta R.T.: -0.003 min
Response: 2300963
Conc: 19.37 ug/ml



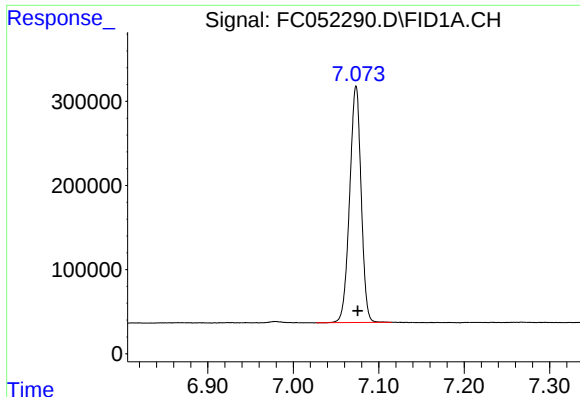
#3 A~Naphthalene (C11.7)

R.T.: 6.014 min
Delta R.T.: -0.003 min
Response: 2576442
Conc: 19.40 ug/ml



#4 n-Dodecane (C12)

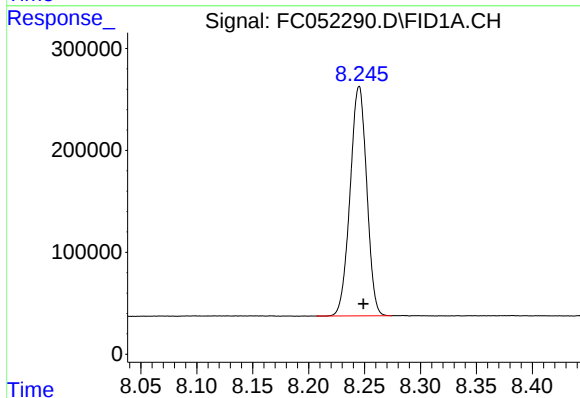
R.T.: 6.446 min
Delta R.T.: -0.003 min
Response: 2338441
Conc: 19.34 ug/ml



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

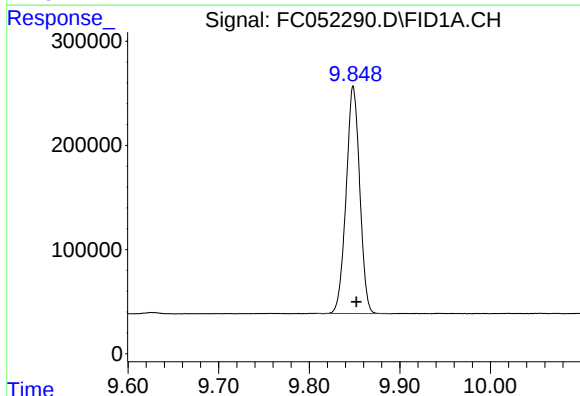
R.T.: 7.074 min
Delta R.T.: -0.002 min
Response: 2628695
Conc: 19.37 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



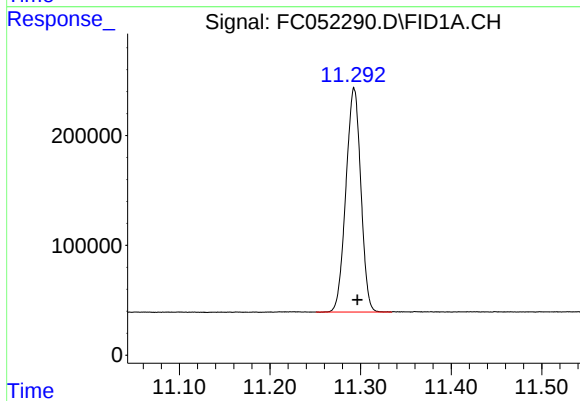
#6 n-Tetradecane (C14)

R.T.: 8.245 min
Delta R.T.: -0.004 min
Response: 2333944
Conc: 19.25 ug/ml



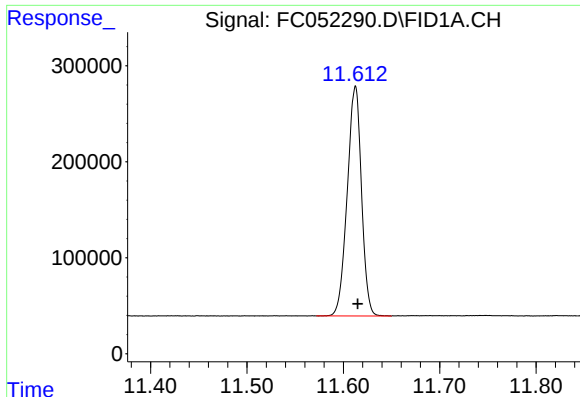
#7 n-Hexadecane (C16)

R.T.: 9.849 min
Delta R.T.: -0.004 min
Response: 2282180
Conc: 19.07 ug/ml



#8 n-Octadecane (C18)

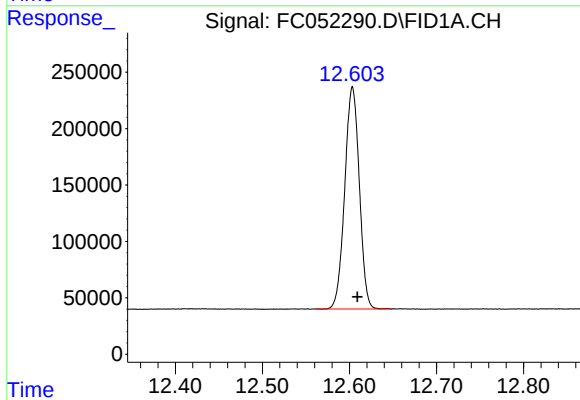
R.T.: 11.293 min
Delta R.T.: -0.004 min
Response: 2333606
Conc: 18.85 ug/ml



#9 ortho-Terphenyl (SURR)

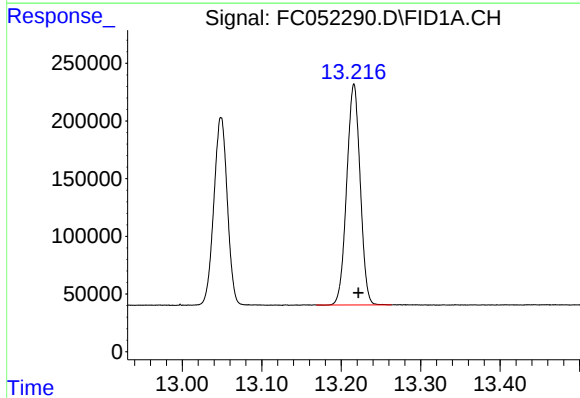
R.T.: 11.612 min
Delta R.T.: -0.003 min
Response: 2444454
Conc: 18.54 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



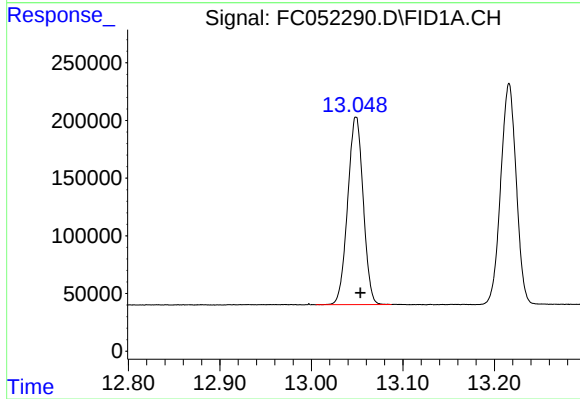
#10 n-Eicosane (C20)

R.T.: 12.604 min
Delta R.T.: -0.006 min
Response: 2294237
Conc: 18.62 ug/ml



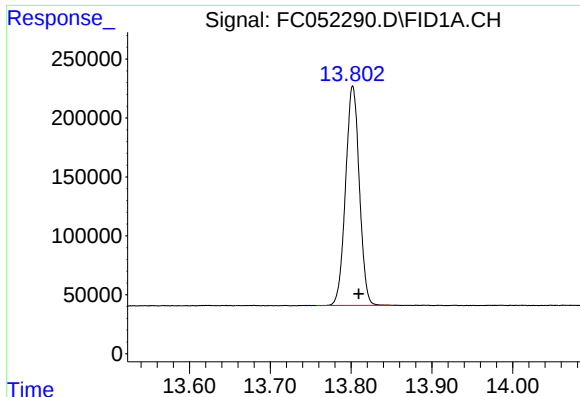
#11 n-Heneicosane (C21)

R.T.: 13.216 min
Delta R.T.: -0.006 min
Response: 2252878
Conc: 18.46 ug/ml



#12 1-chlorooctadecane (SURR)

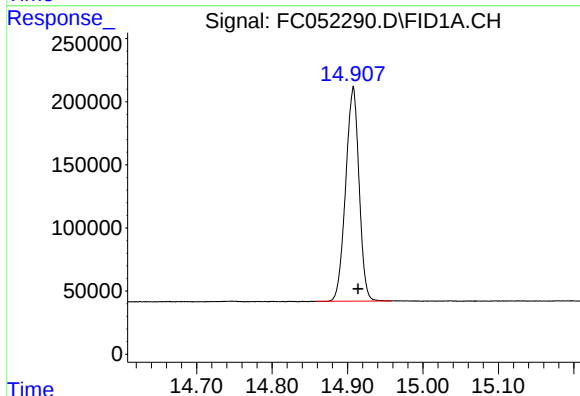
R.T.: 13.049 min
Delta R.T.: -0.005 min
Response: 1913772
Conc: 18.40 ug/ml



#13 n-Docosane (C22)

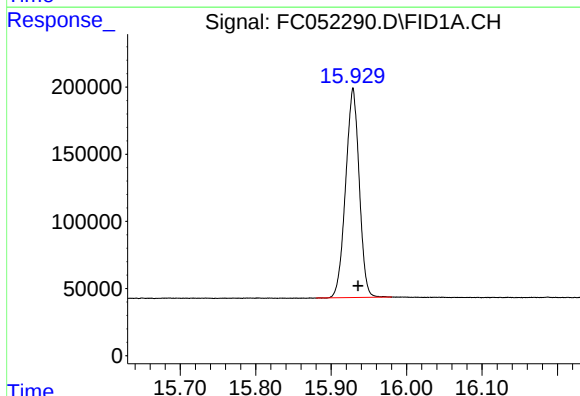
R.T.: 13.802 min
Delta R.T.: -0.007 min
Response: 2206435
Conc: 18.34 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



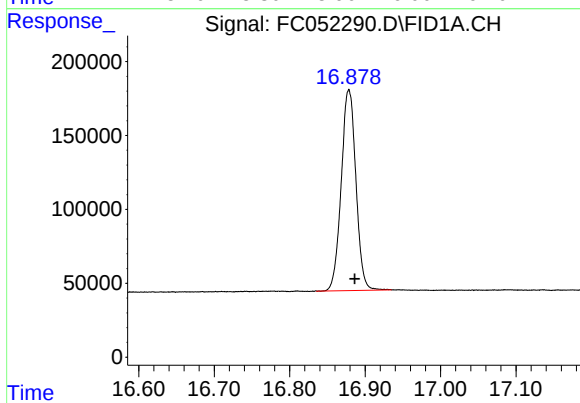
#14 n-Tetracosane (C24)

R.T.: 14.908 min
Delta R.T.: -0.007 min
Response: 2099663
Conc: 18.01 ug/ml



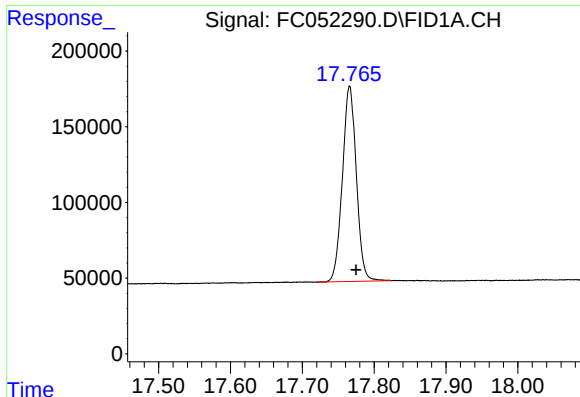
#15 n-Hexacosane (C26)

R.T.: 15.929 min
Delta R.T.: -0.007 min
Response: 1952738
Conc: 17.78 ug/ml



#16 n-Octacosane (C28)

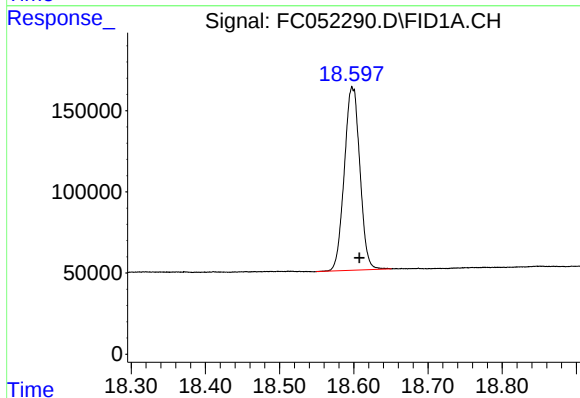
R.T.: 16.878 min
Delta R.T.: -0.008 min
Response: 1835801
Conc: 17.91 ug/ml



#17 n-Tricontane (C30)

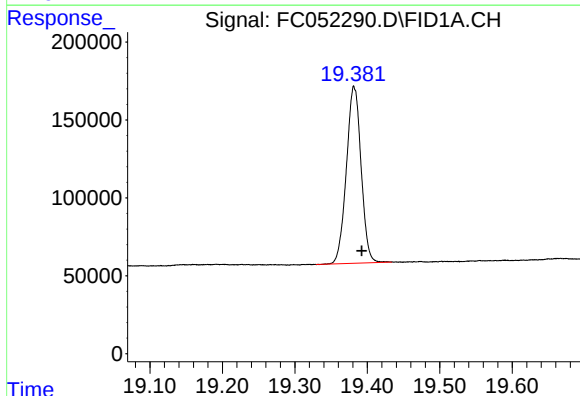
R.T.: 17.766 min
Delta R.T.: -0.009 min
Response: 1741660
Conc: 18.50 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



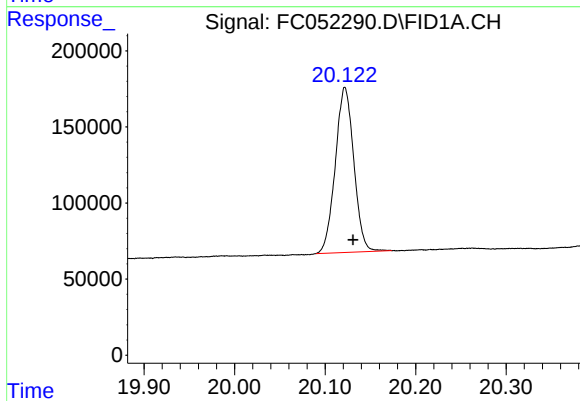
#18 n-Dotriacontane (C32)

R.T.: 18.598 min
Delta R.T.: -0.009 min
Response: 1645200
Conc: 19.27 ug/ml



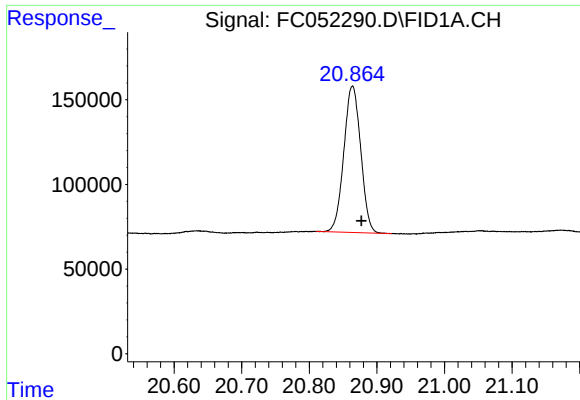
#19 n-Tetratriacontane (C34)

R.T.: 19.382 min
Delta R.T.: -0.011 min
Response: 1596184
Conc: 20.59 ug/ml



#20 n-Hexatriacontane (C36)

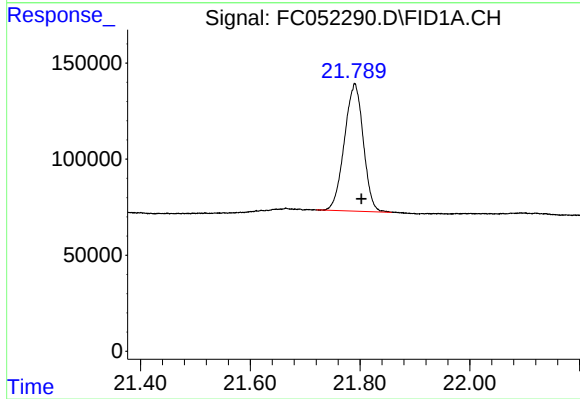
R.T.: 20.122 min
Delta R.T.: -0.009 min
Response: 1542661
Conc: 21.47 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.864 min
Delta R.T.: -0.013 min
Response: 1501980
Conc: 21.93 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.791 min
Delta R.T.: -0.012 min
Response: 1582659
Conc: 22.01 ug/ml