

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC013120AL\
 Data File : FC045577.D
 Signal(s) : FID1A.CH
 Acq On : 31 Jan 2020 9:38
 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: Jan 31 23:49:17 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 012120.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 22 04:15:47 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)	11.766	1912857	17.401 ug/ml
Spiked Amount 50.000		Recovery =	34.80%
12) S 1-chlorooctadecane (S...	13.187	1465084	16.851 ug/ml
Spiked Amount 50.000		Recovery =	33.70%
Target Compounds			
1) T n-Nonane (C9)	3.519	1891782	19.559 ug/ml
2) T n-Decane (C10)	4.595	1899465	19.612 ug/ml
3) T A~Naphthalene (C11.7)	6.200	2046212	19.158 ug/ml
4) T n-Dodecane (C12)	6.613	1894252	19.376 ug/ml
5) T A~2-methylnaphthalene...	7.254	2047325	19.099 ug/ml
6) T n-Tetradecane (C14)	8.402	1863912	18.915 ug/ml
7) T n-Hexadecane (C16)	9.997	1838642	18.365 ug/ml
8) T n-Octadecane (C18)	11.435	1812105	17.791 ug/ml
10) T n-Eicosane (C20)	12.741	1771018	17.269 ug/ml
11) T n-Heneicosane (C21)	13.351	1754733	16.953 ug/ml
13) T n-Docosane (C22)	13.936	1718821	16.659 ug/ml
14) T n-Tetracosane (C24)	15.035	1688316	16.247 ug/ml
15) T n-Hexacosane (C26)	16.053	1652477	15.995 ug/ml
16) T n-Octacosane (C28)	17.000	1621948	15.869 ug/ml
17) T n-Tricontane (C30)	17.885	1571599	16.009 ug/ml
18) T n-Dotriacontane (C32)	18.714	1351720	16.245 ug/ml
19) T n-Tetratriacontane (C34)	19.495	1179086	16.661 ug/ml
20) T n-Hexatriacontane (C36)	20.234	1098236	17.128 ug/ml
21) T n-Octatriacontane (C38)	21.002	1037327	17.735 ug/ml
22) T n-Tetracontane (C40)	21.975	1041822	17.661 ug/ml

(f)=RT Delta > 1/2 Window

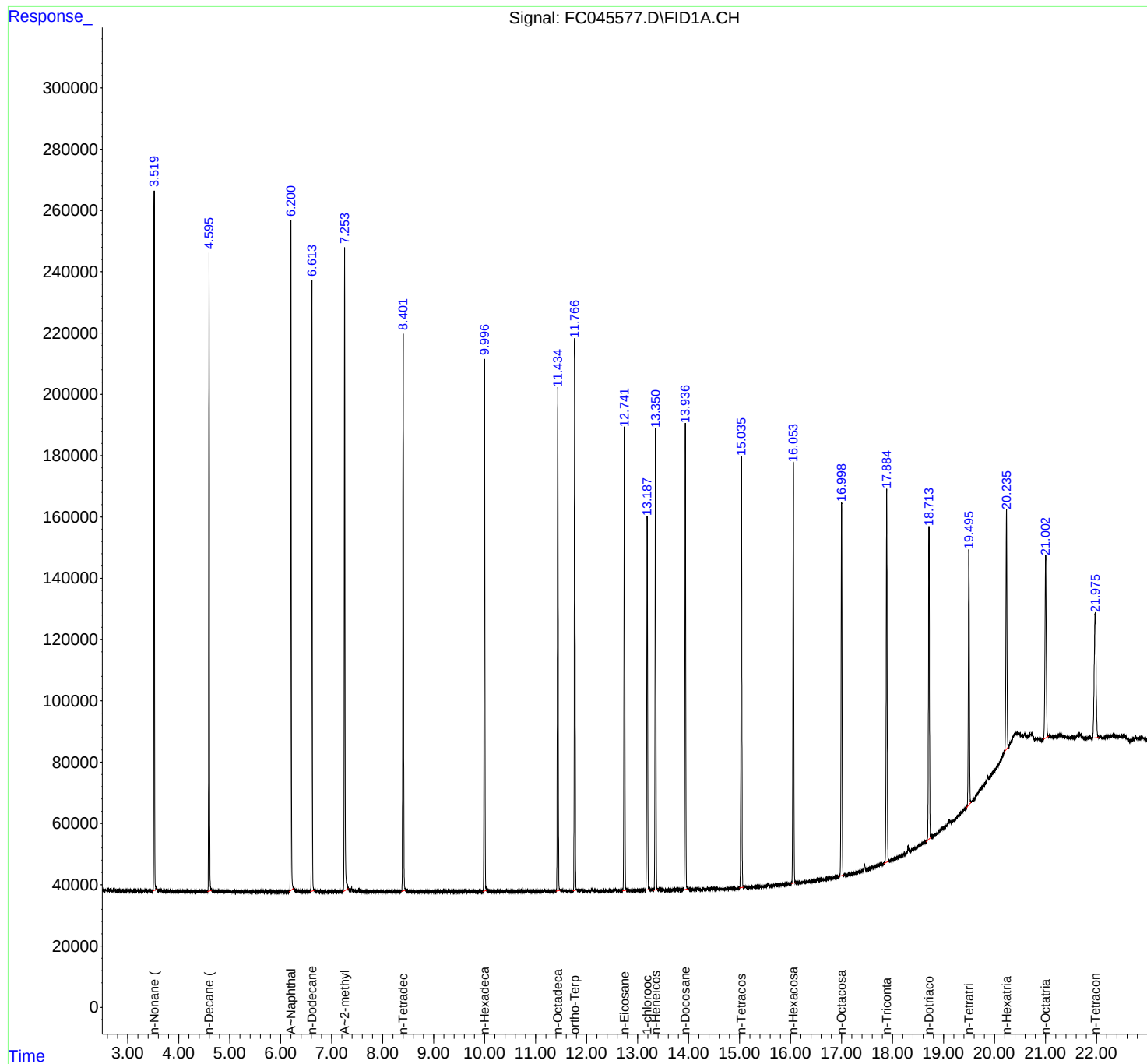
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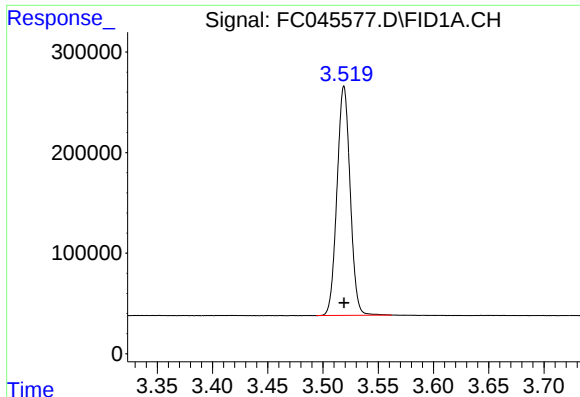
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20 PPM ALIPHATIC HC STD

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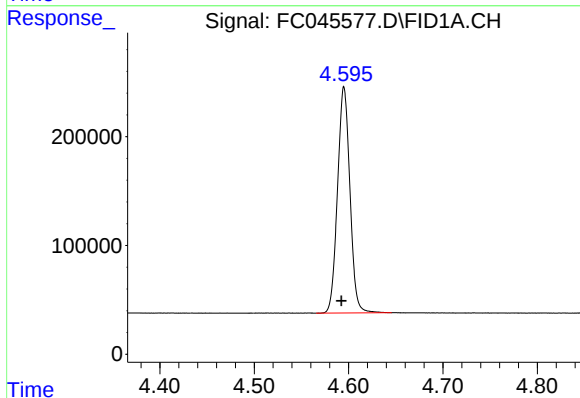




#1 n-Nonane (C9)

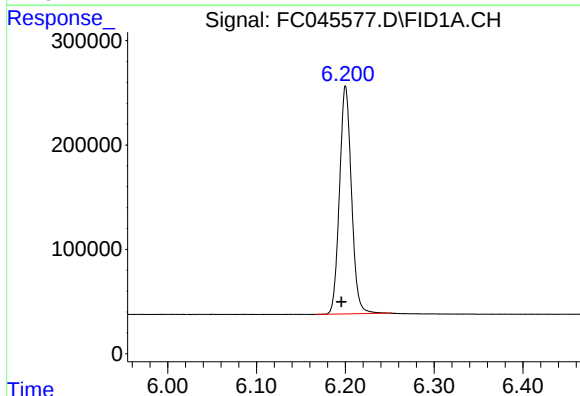
R.T.: 3.519 min
Delta R.T.: 0.000 min
Response: 1891782
Conc: 19.56 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



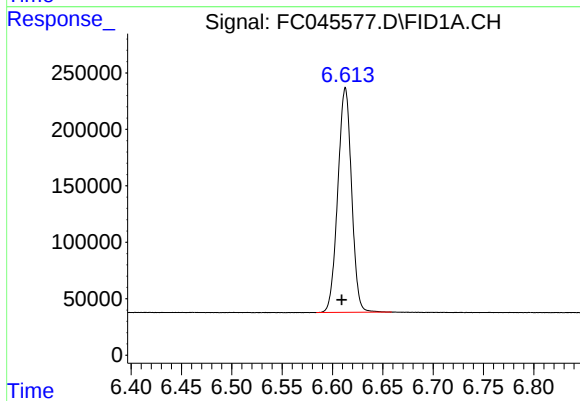
#2 n-Decane (C10)

R.T.: 4.595 min
Delta R.T.: 0.003 min
Response: 1899465
Conc: 19.61 ug/ml



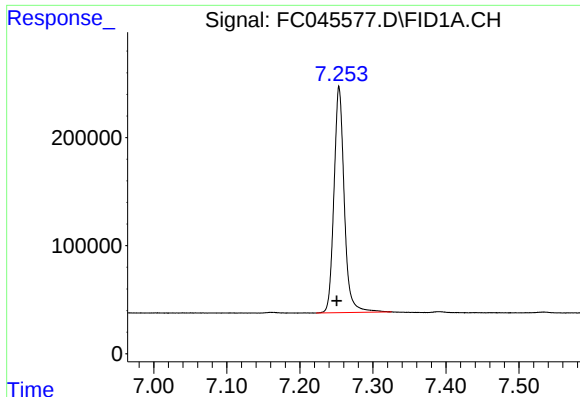
#3 A~Naphthalene (C11.7)

R.T.: 6.200 min
Delta R.T.: 0.005 min
Response: 2046212
Conc: 19.16 ug/ml



#4 n-Dodecane (C12)

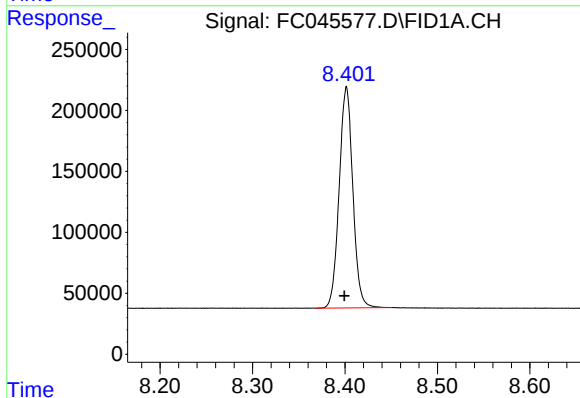
R.T.: 6.613 min
Delta R.T.: 0.004 min
Response: 1894252
Conc: 19.38 ug/ml



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

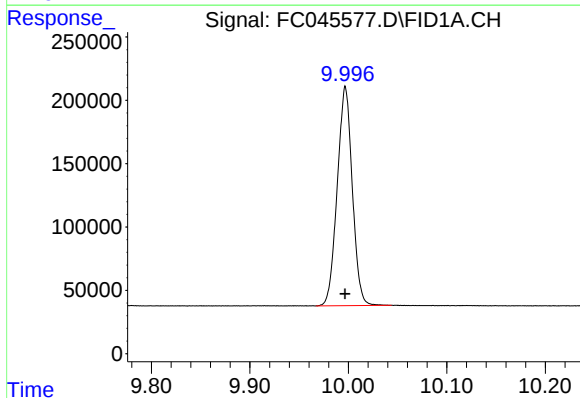
R.T.: 7.254 min
Delta R.T.: 0.003 min
Response: 2047325
Conc: 19.10 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



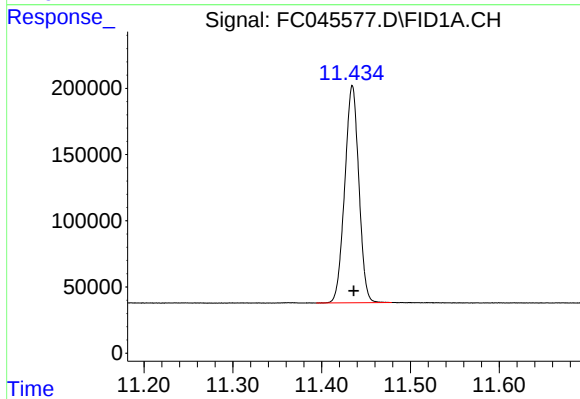
#6 n-Tetradecane (C14)

R.T.: 8.402 min
Delta R.T.: 0.002 min
Response: 1863912
Conc: 18.91 ug/ml



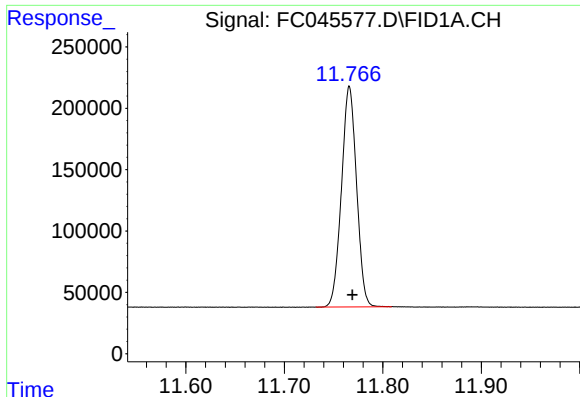
#7 n-Hexadecane (C16)

R.T.: 9.997 min
Delta R.T.: 0.000 min
Response: 1838642
Conc: 18.37 ug/ml



#8 n-Octadecane (C18)

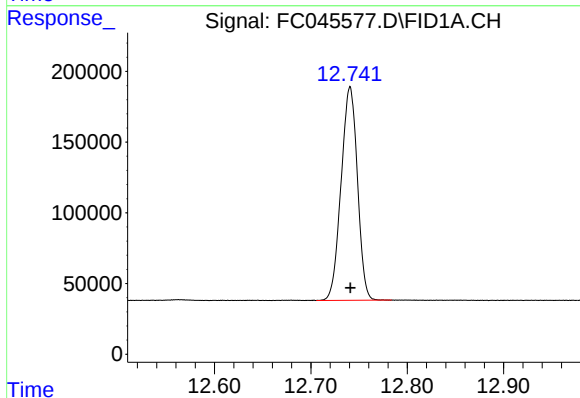
R.T.: 11.435 min
Delta R.T.: -0.002 min
Response: 1812105
Conc: 17.79 ug/ml



#9 ortho-Terphenyl (SURR)

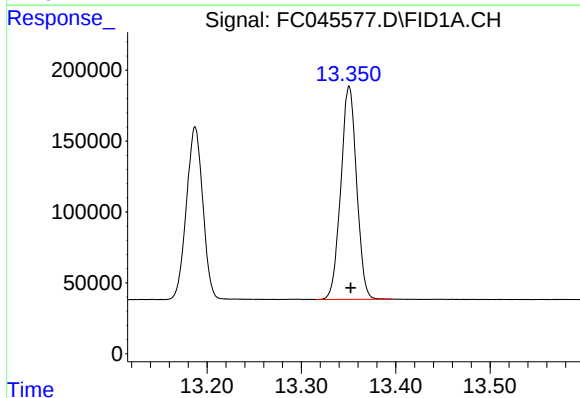
R.T.: 11.766 min
Delta R.T.: -0.003 min
Response: 1912857
Conc: 17.40 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



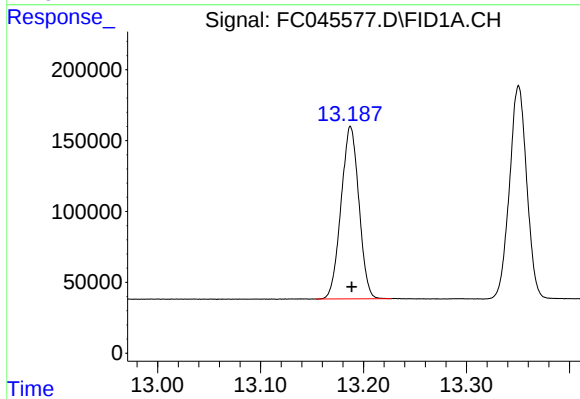
#10 n-Eicosane (C20)

R.T.: 12.741 min
Delta R.T.: 0.000 min
Response: 1771018
Conc: 17.27 ug/ml



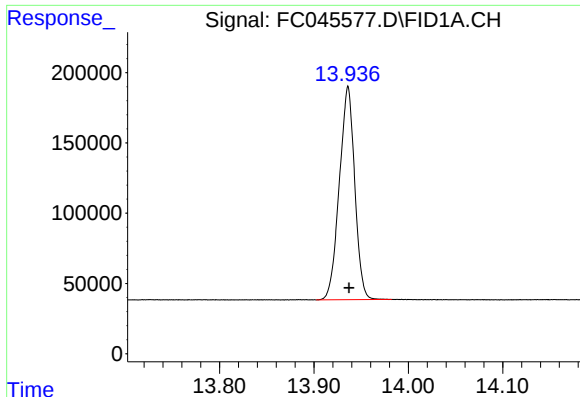
#11 n-Heneicosane (C21)

R.T.: 13.351 min
Delta R.T.: -0.002 min
Response: 1754733
Conc: 16.95 ug/ml



#12 1-chlorooctadecane (SURR)

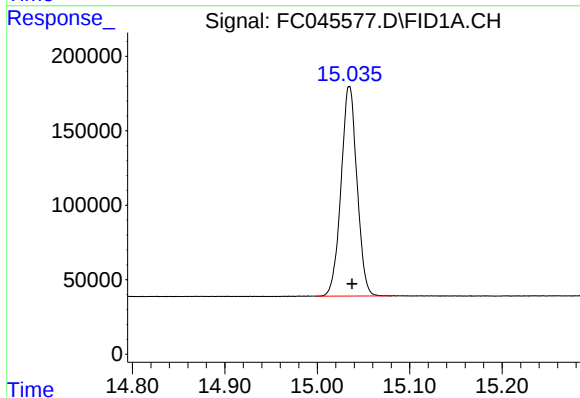
R.T.: 13.187 min
Delta R.T.: -0.001 min
Response: 1465084
Conc: 16.85 ug/ml



#13 n-Docosane (C22)

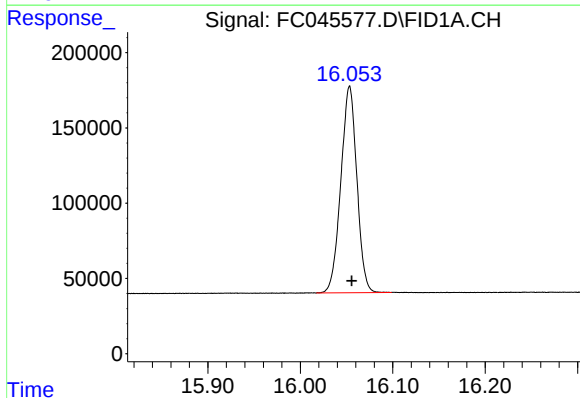
R.T.: 13.936 min
Delta R.T.: 0.000 min
Response: 1718821
Conc: 16.66 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



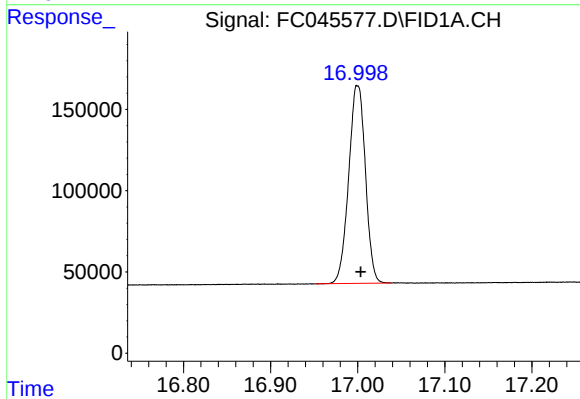
#14 n-Tetracosane (C24)

R.T.: 15.035 min
Delta R.T.: -0.003 min
Response: 1688316
Conc: 16.25 ug/ml



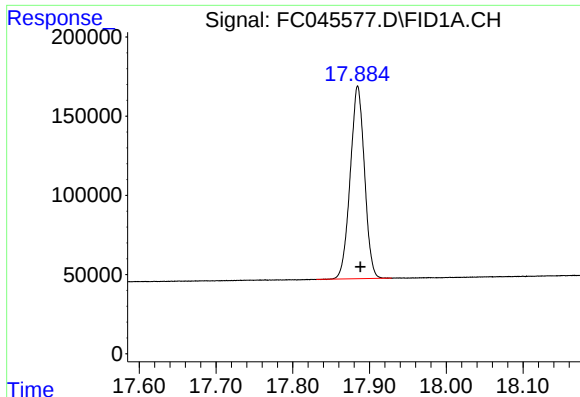
#15 n-Hexacosane (C26)

R.T.: 16.053 min
Delta R.T.: -0.002 min
Response: 1652477
Conc: 15.99 ug/ml



#16 n-Octacosane (C28)

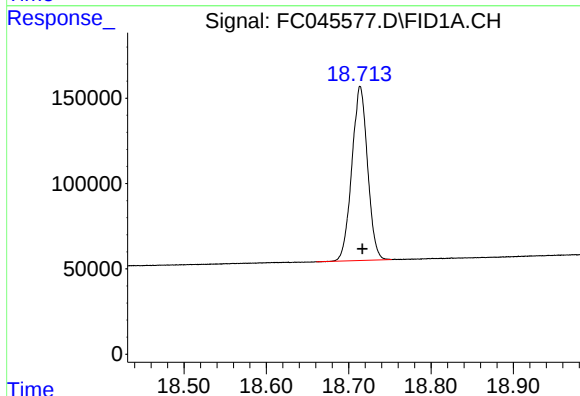
R.T.: 17.000 min
Delta R.T.: -0.003 min
Response: 1621948
Conc: 15.87 ug/ml



#17 n-Tricontane (C30)

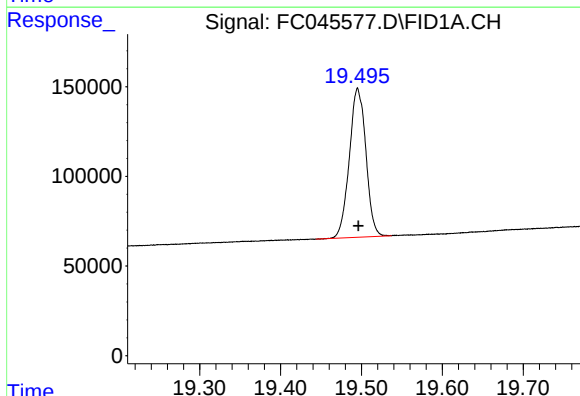
R.T.: 17.885 min
Delta R.T.: -0.003 min
Response: 1571599
Conc: 16.01 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



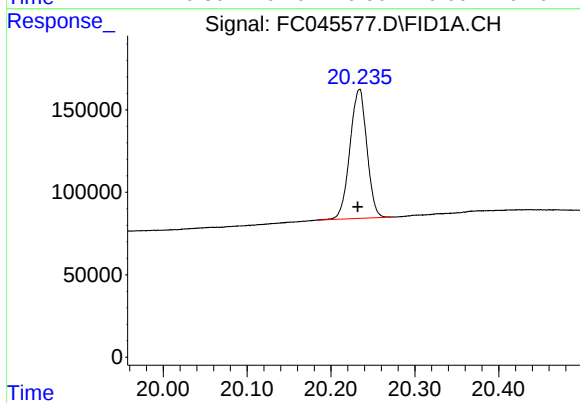
#18 n-Dotriacontane (C32)

R.T.: 18.714 min
Delta R.T.: -0.003 min
Response: 1351720
Conc: 16.24 ug/ml



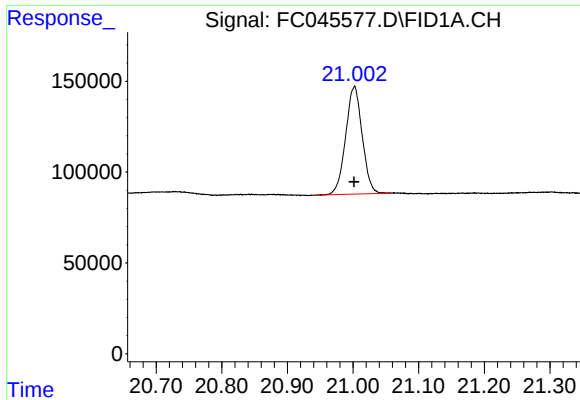
#19 n-Tetratriacontane (C34)

R.T.: 19.495 min
Delta R.T.: 0.000 min
Response: 1179086
Conc: 16.66 ug/ml



#20 n-Hexatriacontane (C36)

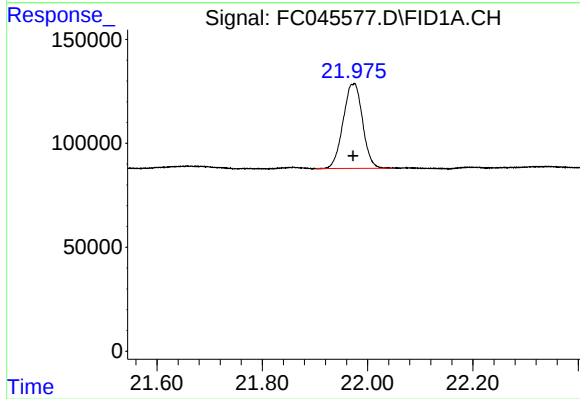
R.T.: 20.234 min
Delta R.T.: 0.002 min
Response: 1098236
Conc: 17.13 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.002 min
Delta R.T.: 0.000 min
Response: 1037327
Conc: 17.74 ug/ml

Instrument :
FID_C
ClientSampleId :
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#22 n-Tetracontane (C40)

R.T.: 21.975 min
Delta R.T.: 0.003 min
Response: 1041822
Conc: 17.66 ug/ml