

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC013120AL\
 Data File : FC045597.D
 Signal(s) : FID1A.CH
 Acq On : 31 Jan 2020 22:37
 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: Feb 01 05:56:20 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)	11.764	2063959	18.775 ug/ml
Spiked Amount 50.000		Recovery =	37.55%
12) S 1-chlorooctadecane (S...	13.184	1583086	18.208 ug/ml
Spiked Amount 50.000		Recovery =	36.42%
Target Compounds			
1) T n-Nonane (C9)	3.518	2077808	21.482 ug/ml
2) T n-Decane (C10)	4.595	2084073	21.518 ug/ml
3) T A~Naphthalene (C11.7)	6.199	2236994	20.945 ug/ml
4) T n-Dodecane (C12)	6.612	2076430	21.240 ug/ml
5) T A~2-methylnaphthalene...	7.252	2227553	20.780 ug/ml
6) T n-Tetradecane (C14)	8.400	2041897	20.721 ug/ml
7) T n-Hexadecane (C16)	9.994	2006806	20.045 ug/ml
8) T n-Octadecane (C18)	11.432	1969011	19.332 ug/ml
10) T n-Eicosane (C20)	12.736	1918586	18.708 ug/ml
11) T n-Heneicosane (C21)	13.347	1894398	18.302 ug/ml
13) T n-Docosane (C22)	13.932	1855460	17.983 ug/ml
14) T n-Tetracosane (C24)	15.032	1813384	17.451 ug/ml
15) T n-Hexacosane (C26)	16.050	1764625	17.080 ug/ml
16) T n-Octacosane (C28)	16.998	1734885	16.974 ug/ml
17) T n-Tricontane (C30)	17.882	1683953	17.154 ug/ml
18) T n-Dotriacontane (C32)	18.711	1465632	17.614 ug/ml
19) T n-Tetratriacontane (C34)	19.493	1257797	17.774 ug/ml
20) T n-Hexatriacontane (C36)	20.230	1162333	18.128 ug/ml
21) T n-Octatriacontane (C38)	20.999	1096010	18.739 ug/ml
22) T n-Tetracontane (C40)	21.966	1117687	18.947 ug/ml

(f)=RT Delta > 1/2 Window

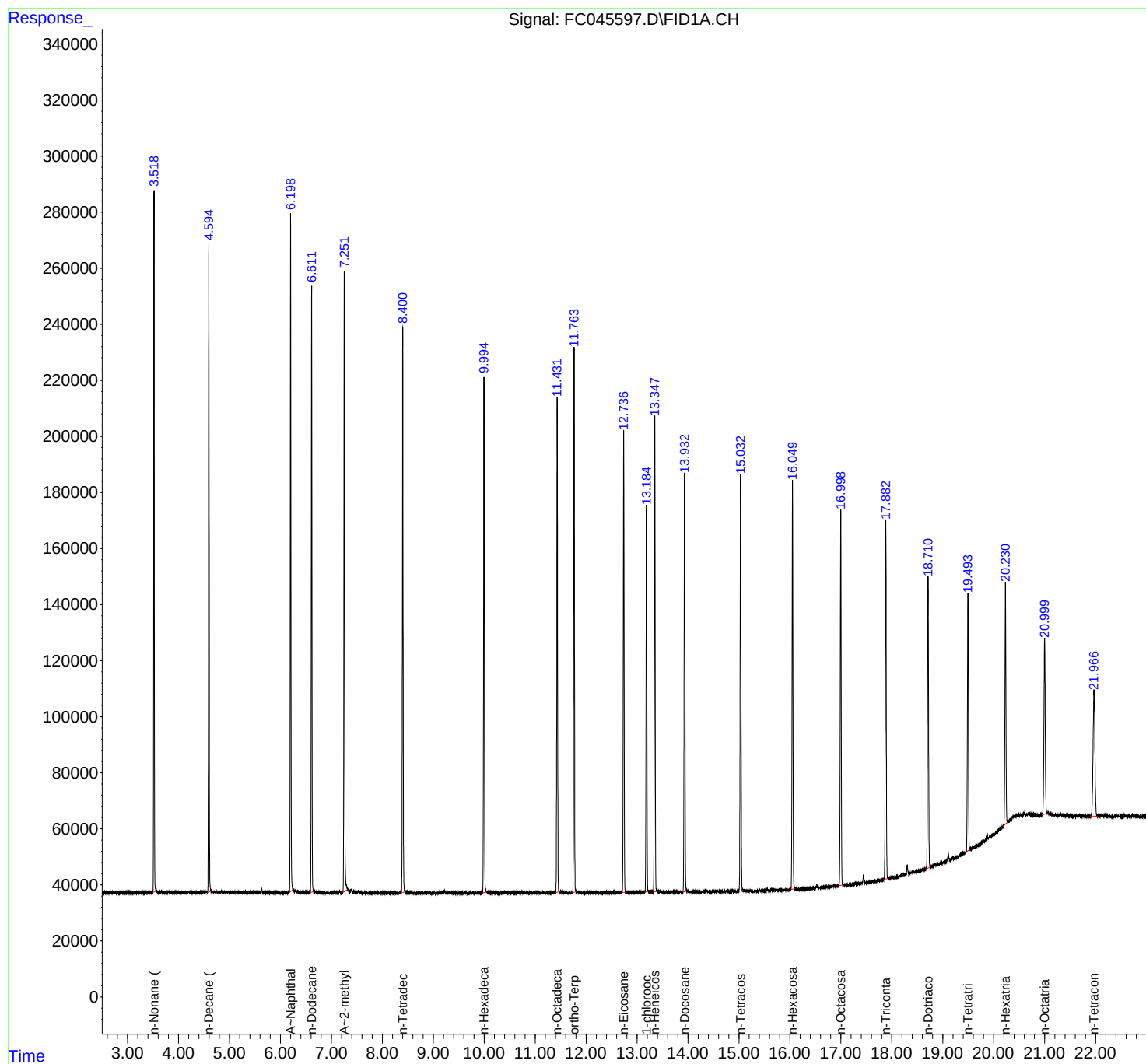
(m)=manual int.

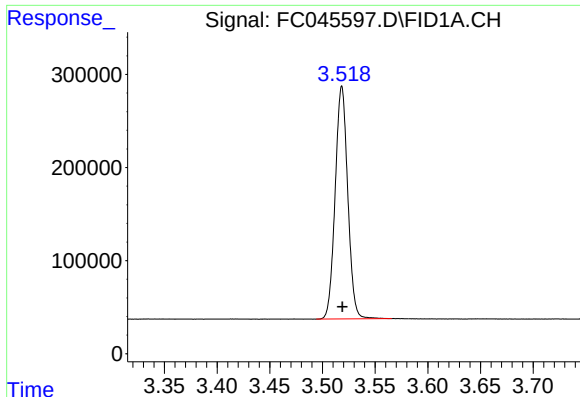
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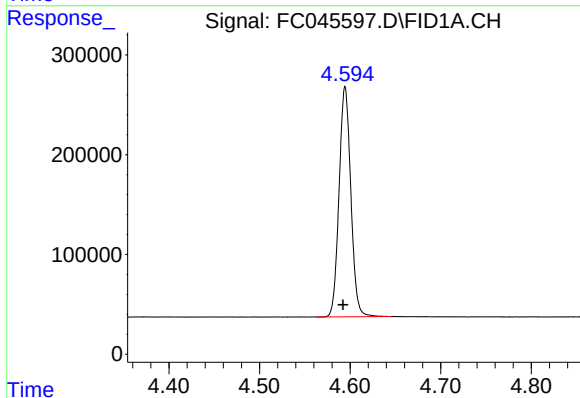




#1 n-Nonane (C9)

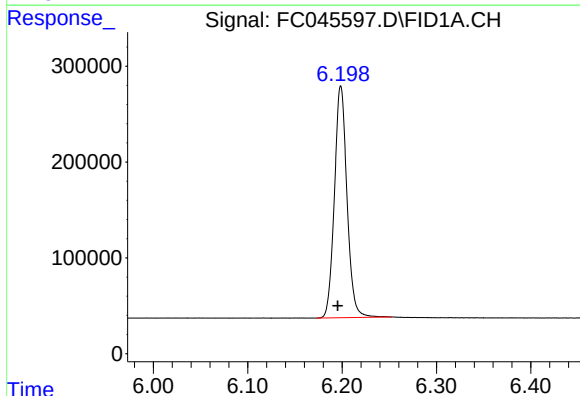
R.T.: 3.518 min
Delta R.T.: 0.000 min
Response: 2077808
Conc: 21.48 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



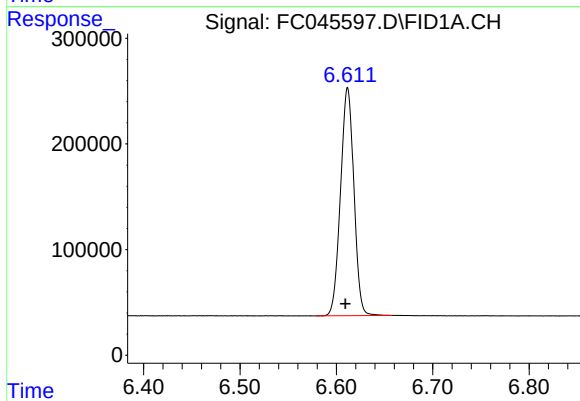
#2 n-Decane (C10)

R.T.: 4.595 min
Delta R.T.: 0.002 min
Response: 2084073
Conc: 21.52 ug/ml



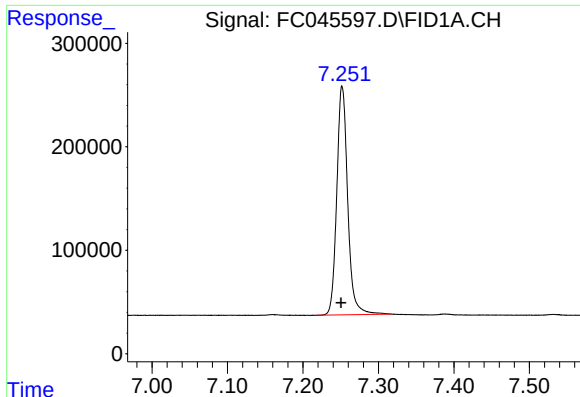
#3 A~Naphthalene (C11.7)

R.T.: 6.199 min
Delta R.T.: 0.003 min
Response: 2236994
Conc: 20.94 ug/ml



#4 n-Dodecane (C12)

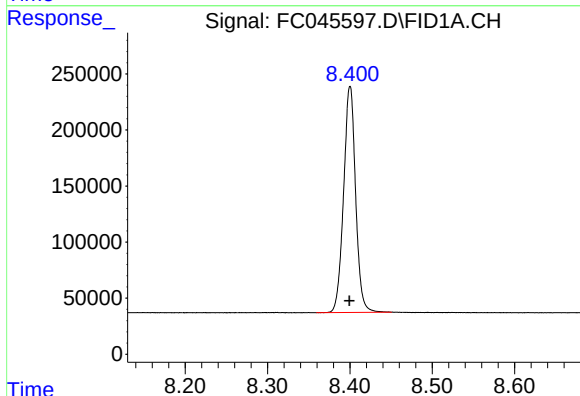
R.T.: 6.612 min
Delta R.T.: 0.003 min
Response: 2076430
Conc: 21.24 ug/ml



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

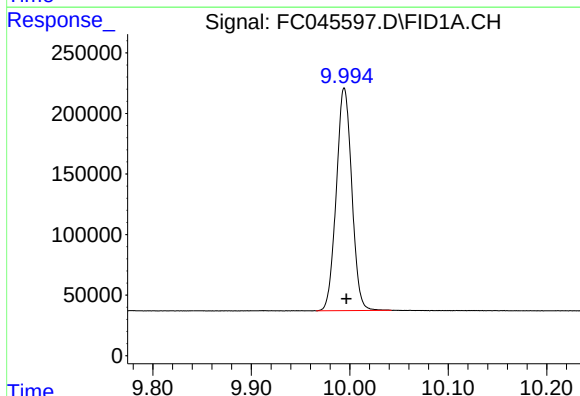
R.T.: 7.252 min
Delta R.T.: 0.001 min
Response: 2227553
Conc: 20.78 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



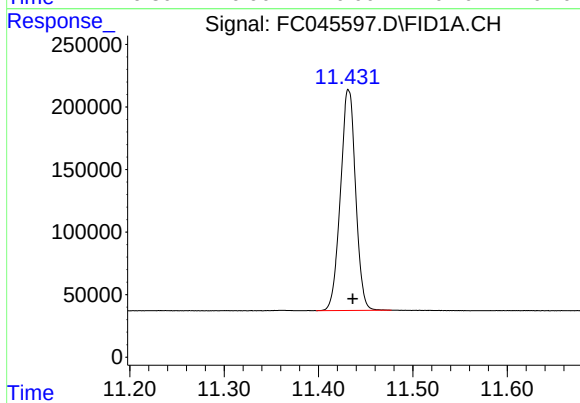
#6 n-Tetradecane (C14)

R.T.: 8.400 min
Delta R.T.: 0.000 min
Response: 2041897
Conc: 20.72 ug/ml



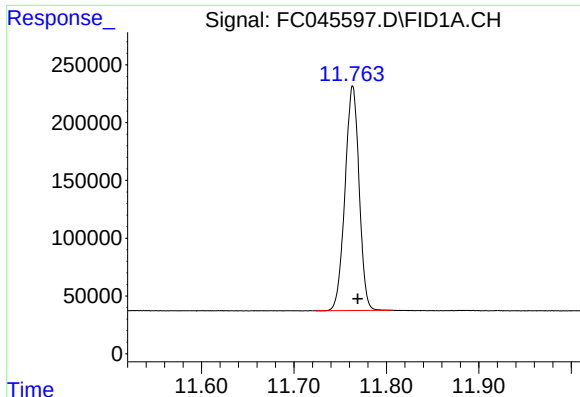
#7 n-Hexadecane (C16)

R.T.: 9.994 min
Delta R.T.: -0.002 min
Response: 2006806
Conc: 20.05 ug/ml



#8 n-Octadecane (C18)

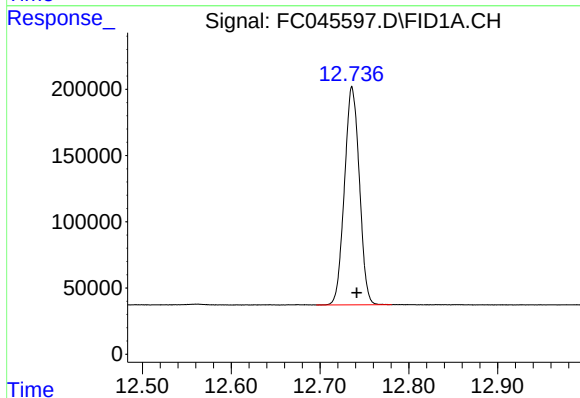
R.T.: 11.432 min
Delta R.T.: -0.004 min
Response: 1969011
Conc: 19.33 ug/ml



#9 ortho-Terphenyl (SURR)

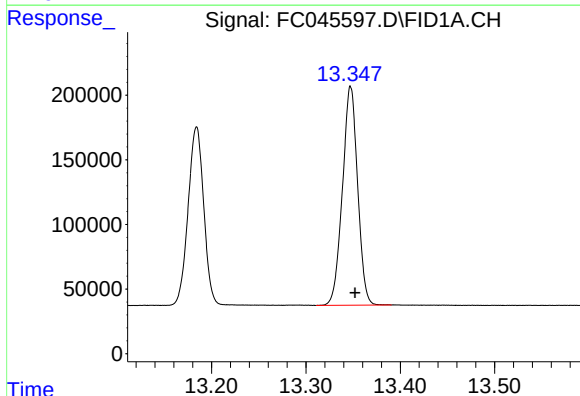
R.T.: 11.764 min
Delta R.T.: -0.005 min
Response: 2063959
Conc: 18.78 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



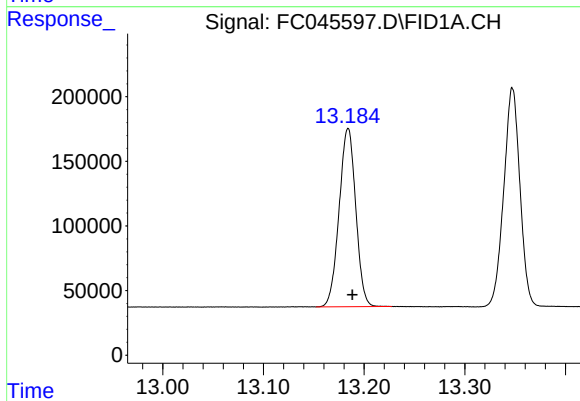
#10 n-Eicosane (C20)

R.T.: 12.736 min
Delta R.T.: -0.005 min
Response: 1918586
Conc: 18.71 ug/ml



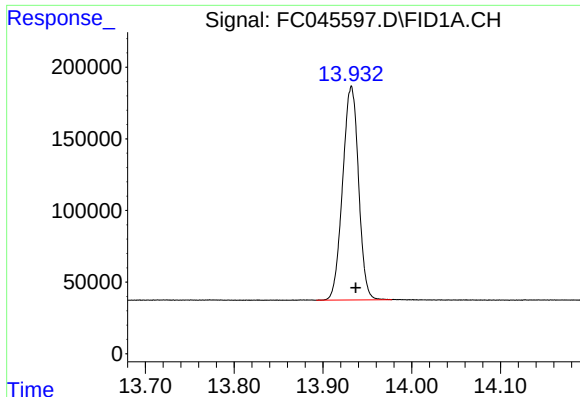
#11 n-Heneicosane (C21)

R.T.: 13.347 min
Delta R.T.: -0.005 min
Response: 1894398
Conc: 18.30 ug/ml



#12 1-chlorooctadecane (SURR)

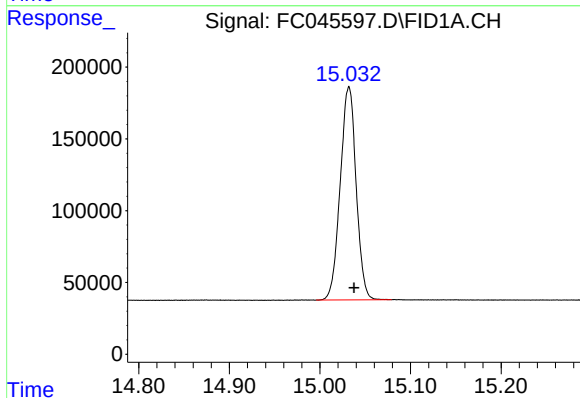
R.T.: 13.184 min
Delta R.T.: -0.004 min
Response: 1583086
Conc: 18.21 ug/ml



#13 n-Docosane (C22)

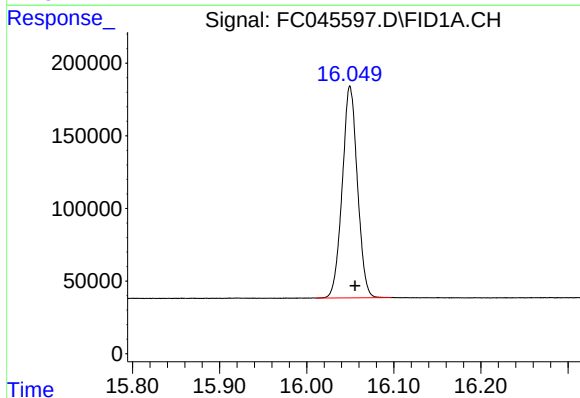
R.T.: 13.932 min
Delta R.T.: -0.005 min
Response: 1855460
Conc: 17.98 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD



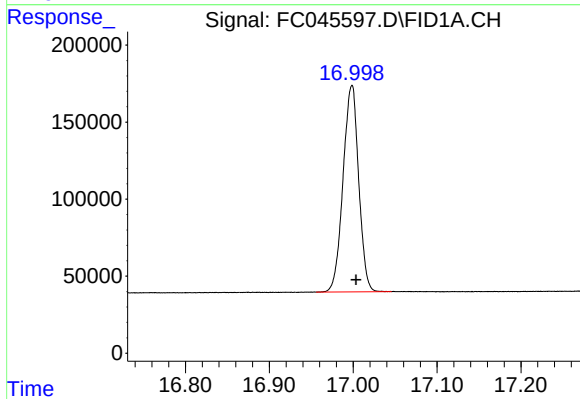
#14 n-Tetracosane (C24)

R.T.: 15.032 min
Delta R.T.: -0.006 min
Response: 1813384
Conc: 17.45 ug/ml



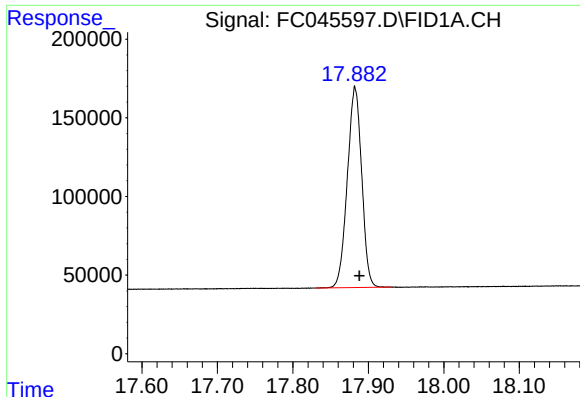
#15 n-Hexacosane (C26)

R.T.: 16.050 min
Delta R.T.: -0.006 min
Response: 1764625
Conc: 17.08 ug/ml



#16 n-Octacosane (C28)

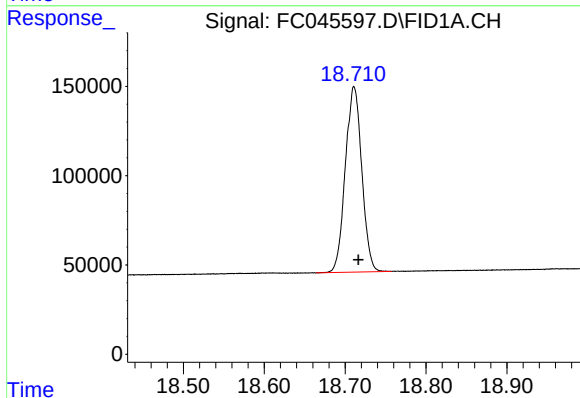
R.T.: 16.998 min
Delta R.T.: -0.005 min
Response: 1734885
Conc: 16.97 ug/ml



#17 n-Tricontane (C30)

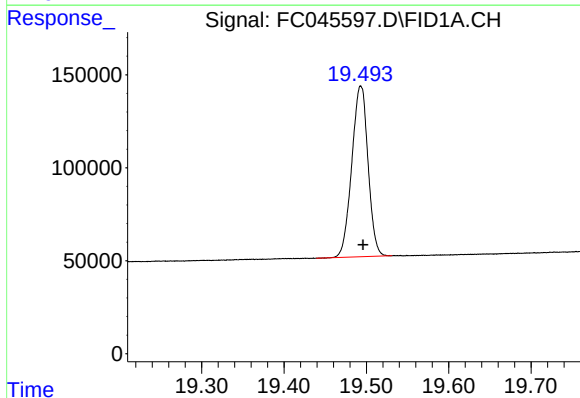
R.T.: 17.882 min
Delta R.T.: -0.006 min
Response: 1683953
Conc: 17.15 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



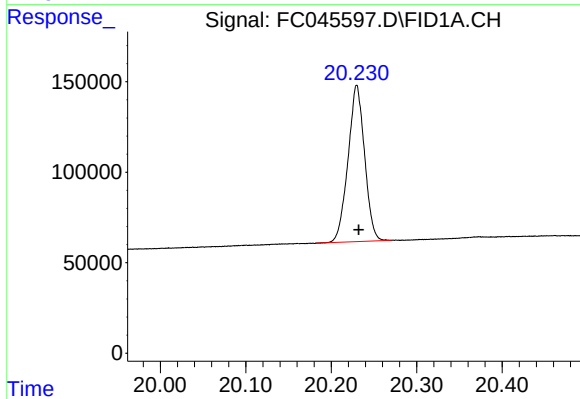
#18 n-Dotriacontane (C32)

R.T.: 18.711 min
Delta R.T.: -0.005 min
Response: 1465632
Conc: 17.61 ug/ml



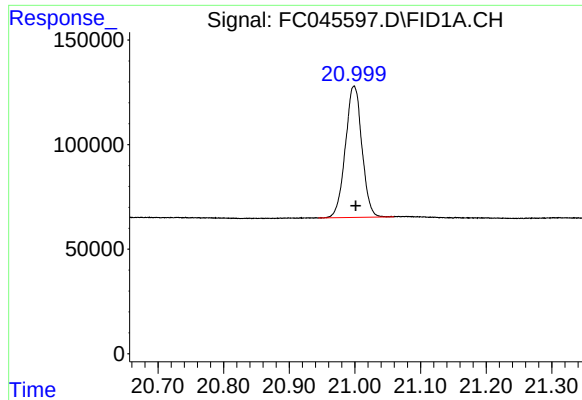
#19 n-Tetratriacontane (C34)

R.T.: 19.493 min
Delta R.T.: -0.003 min
Response: 1257797
Conc: 17.77 ug/ml



#20 n-Hexatriacontane (C36)

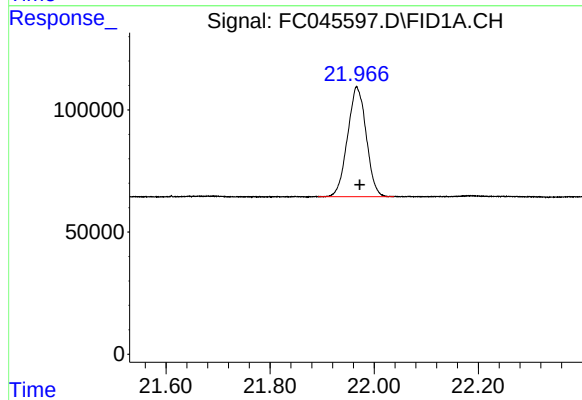
R.T.: 20.230 min
Delta R.T.: -0.002 min
Response: 1162333
Conc: 18.13 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.999 min
Delta R.T.: -0.003 min
Response: 1096010
Conc: 18.74 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.966 min
Delta R.T.: -0.006 min
Response: 1117687
Conc: 18.95 ug/ml