

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC092320AL\
 Data File : FC049718.D
 Signal(s) : FID1A.CH
 Acq On : 23 Sep 2020 11:29
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 24 01:39:07 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 090820.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 09 05:58:47 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)	11.659	2140874	18.633 ug/ml
Spiked Amount 50.000		Recovery =	37.27%
12) S 1-chlorooctadecane (S...	13.092	1639670	18.408 ug/ml
Spiked Amount 50.000		Recovery =	36.82%
Target Compounds			
1) T n-Nonane (C9)	3.397	2141608	20.701 ug/ml
2) T n-Decane (C10)	4.470	2155946	20.757 ug/ml
3) T A~Naphthalene (C11.7)	6.066	2331694	20.279 ug/ml
4) T n-Dodecane (C12)	6.494	2166140	20.492 ug/ml
5) T A~2-methylnaphthalene...	7.125	2336026	19.980 ug/ml
6) T n-Tetradecane (C14)	8.291	2117481	20.072 ug/ml
7) T n-Hexadecane (C16)	9.894	2030063	19.507 ug/ml
8) T n-Octadecane (C18)	11.336	2053354	19.106 ug/ml
10) T n-Eicosane (C20)	12.646	2006916	18.742 ug/ml
11) T n-Heneicosane (C21)	13.258	1972686	18.537 ug/ml
13) T n-Docosane (C22)	13.845	1950889	18.435 ug/ml
14) T n-Tetracosane (C24)	14.947	1916695	18.317 ug/ml
15) T n-Hexacosane (C26)	15.967	1897898	18.565 ug/ml
16) T n-Octacosane (C28)	16.916	1910426	19.009 ug/ml
17) T n-Tricontane (C30)	17.803	1906800	19.584 ug/ml
18) T n-Dotriacontane (C32)	18.634	1825235	20.199 ug/ml
19) T n-Tetratriacontane (C34)	19.416	1764575	20.613 ug/ml
20) T n-Hexatriacontane (C36)	20.154	1707606	21.195 ug/ml
21) T n-Octatriacontane (C38)	20.907	1628025	21.505 ug/ml
22) T n-Tetracontane (C40)	21.851	1669979	21.462 ug/ml

(f)=RT Delta > 1/2 Window

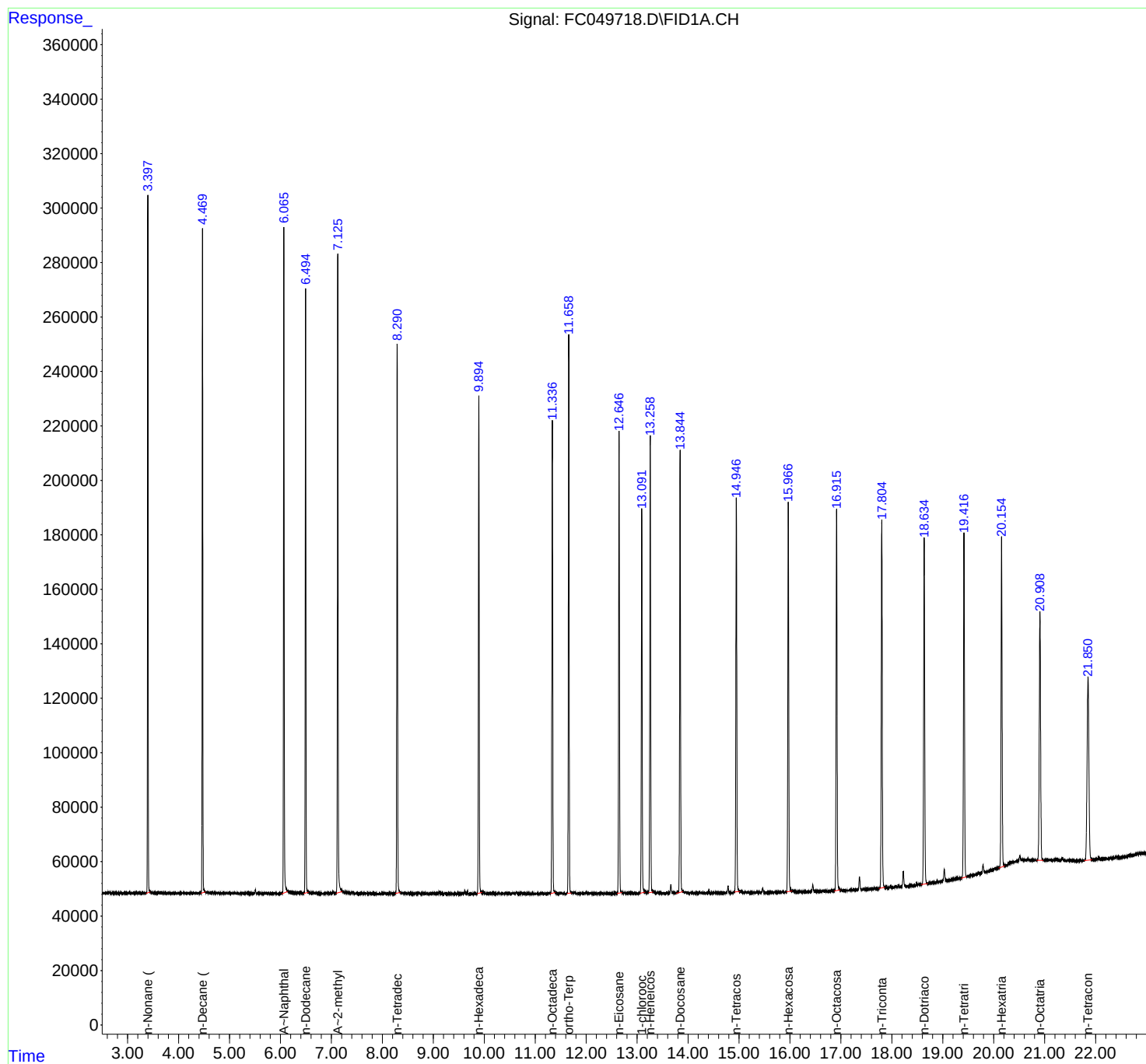
(m)=manual int.

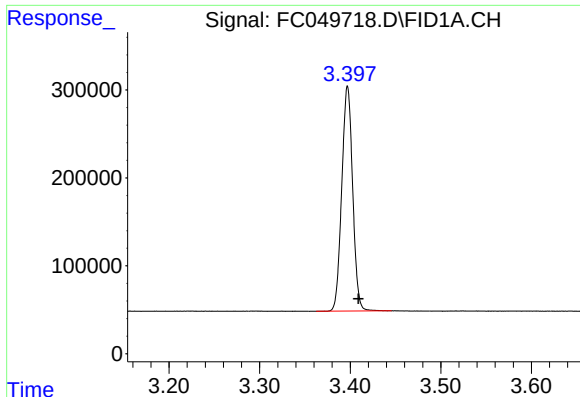
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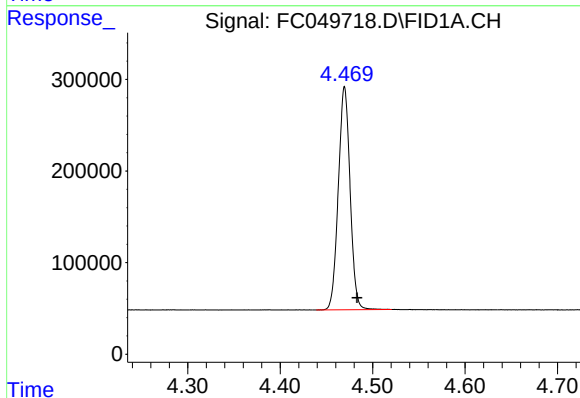




#1 n-Nonane (C9)

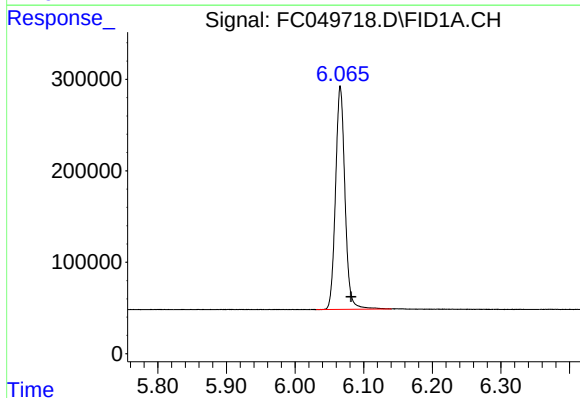
R.T.: 3.397 min
Delta R.T.: -0.012 min
Response: 2141608
Conc: 20.70 ug/ml

Instrument :
FID_C
ClientSampleId :



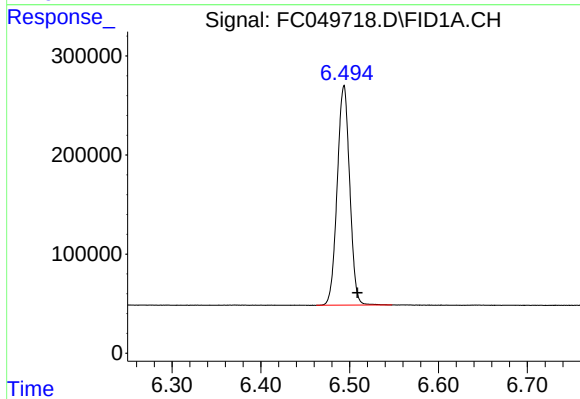
#2 n-Decane (C10)

R.T.: 4.470 min
Delta R.T.: -0.014 min
Response: 2155946
Conc: 20.76 ug/ml



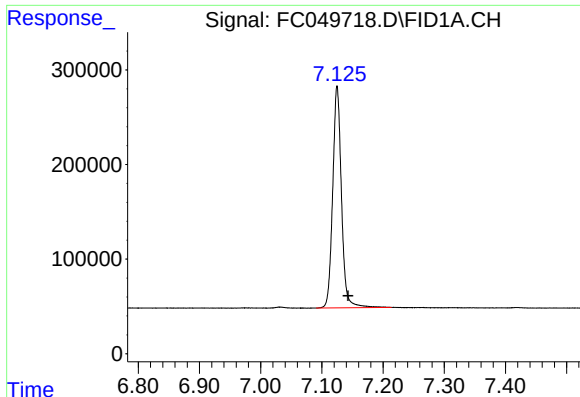
#3 A~Naphthalene (C11.7)

R.T.: 6.066 min
Delta R.T.: -0.016 min
Response: 2331694
Conc: 20.28 ug/ml



#4 n-Dodecane (C12)

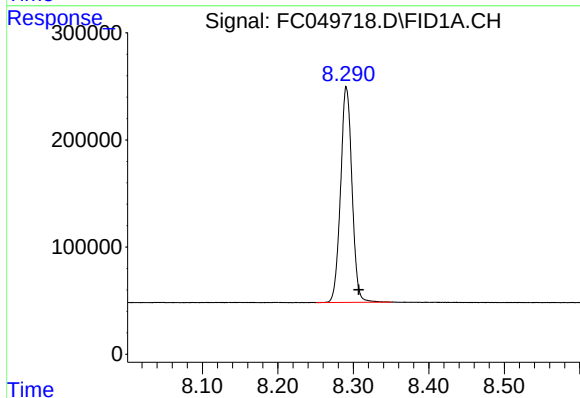
R.T.: 6.494 min
Delta R.T.: -0.015 min
Response: 2166140
Conc: 20.49 ug/ml



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

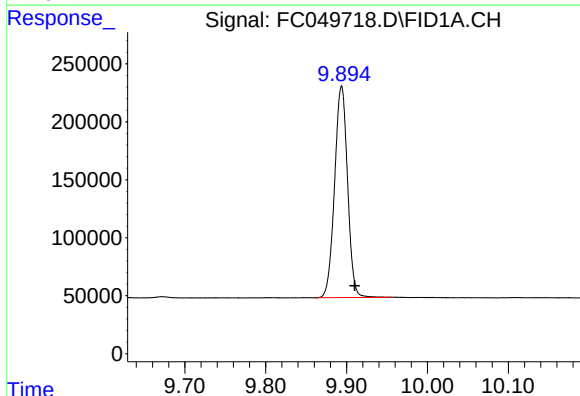
R.T.: 7.125 min
Delta R.T.: -0.018 min
Response: 2336026
Conc: 19.98 ug/ml

Instrument :
FID_C
ClientSampleId :



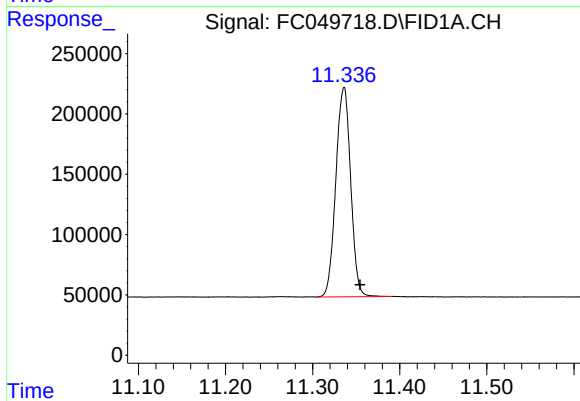
#6 n-Tetradecane (C14)

R.T.: 8.291 min
Delta R.T.: -0.016 min
Response: 2117481
Conc: 20.07 ug/ml



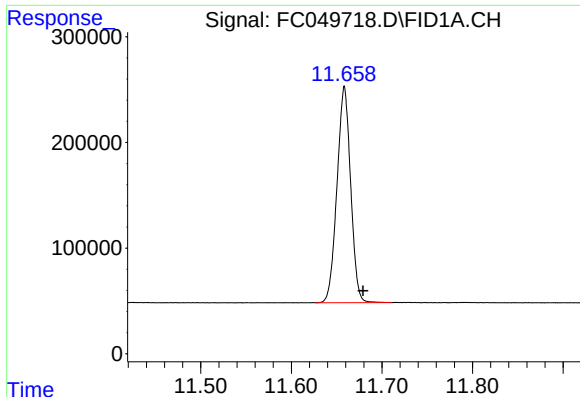
#7 n-Hexadecane (C16)

R.T.: 9.894 min
Delta R.T.: -0.016 min
Response: 2030063
Conc: 19.51 ug/ml



#8 n-Octadecane (C18)

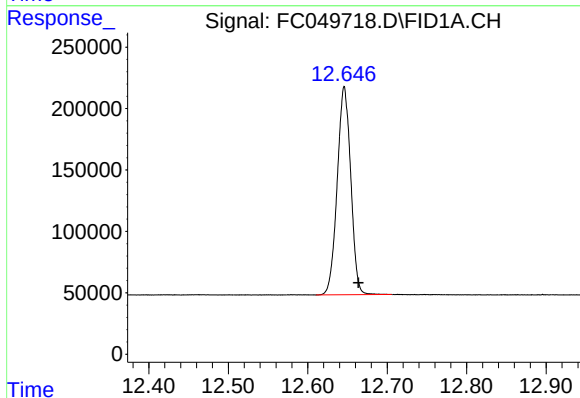
R.T.: 11.336 min
Delta R.T.: -0.018 min
Response: 2053354
Conc: 19.11 ug/ml



#9 ortho-Terphenyl (SURR)

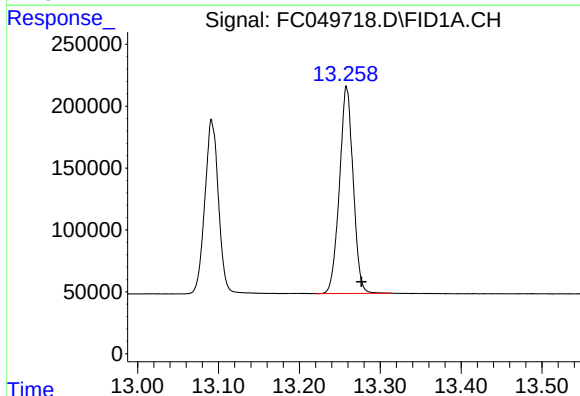
R.T.: 11.659 min
Delta R.T.: -0.021 min
Response: 2140874
Conc: 18.63 ug/ml

Instrument :
FID_C
ClientSampleId :



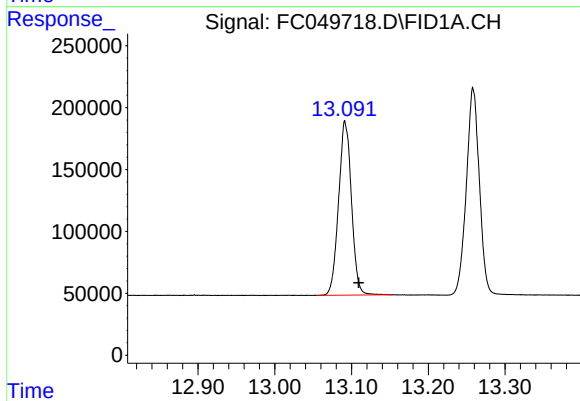
#10 n-Eicosane (C20)

R.T.: 12.646 min
Delta R.T.: -0.018 min
Response: 2006916
Conc: 18.74 ug/ml



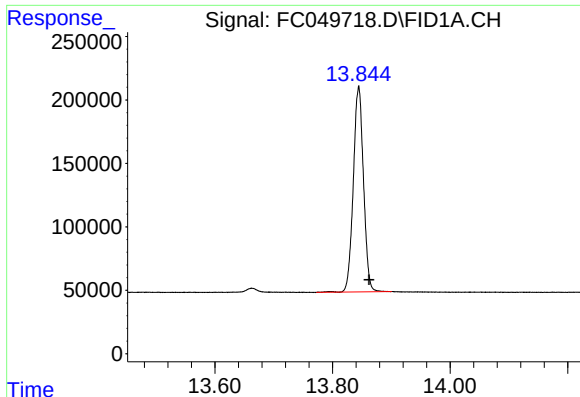
#11 n-Heneicosane (C21)

R.T.: 13.258 min
Delta R.T.: -0.018 min
Response: 1972686
Conc: 18.54 ug/ml



#12 1-chlorooctadecane (SURR)

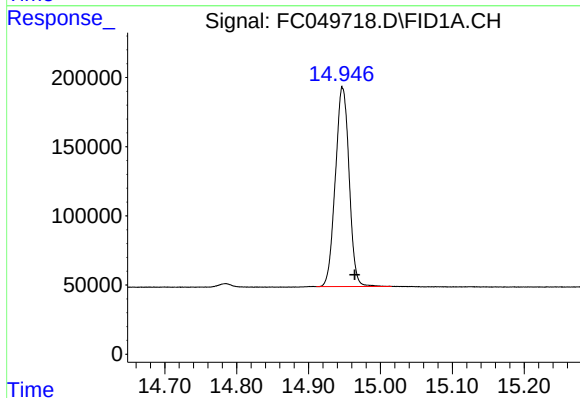
R.T.: 13.092 min
Delta R.T.: -0.018 min
Response: 1639670
Conc: 18.41 ug/ml



#13 n-Docosane (C22)

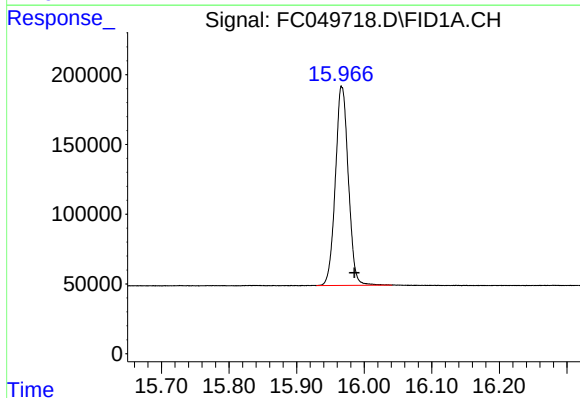
R.T.: 13.845 min
Delta R.T.: -0.017 min
Response: 1950889
Conc: 18.44 ug/ml

Instrument :
FID_C
ClientSampleId :



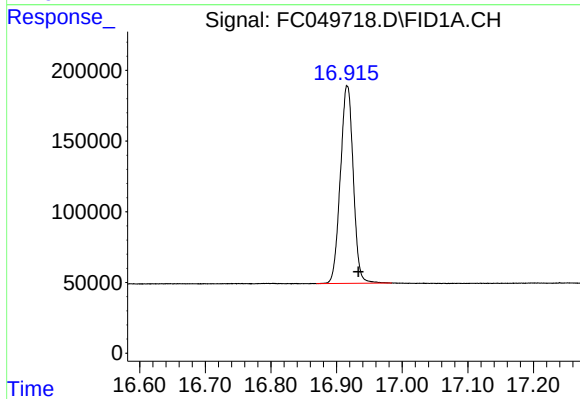
#14 n-Tetracosane (C24)

R.T.: 14.947 min
Delta R.T.: -0.017 min
Response: 1916695
Conc: 18.32 ug/ml



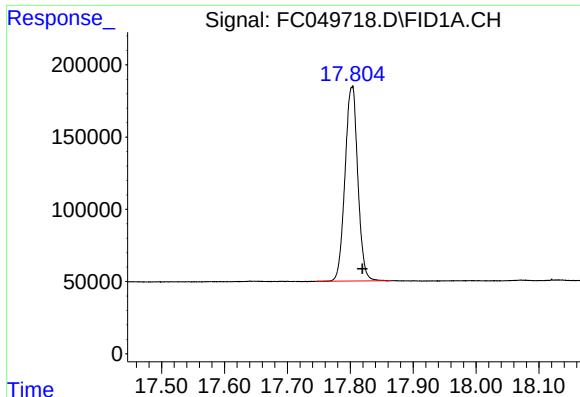
#15 n-Hexacosane (C26)

R.T.: 15.967 min
Delta R.T.: -0.019 min
Response: 1897898
Conc: 18.57 ug/ml



#16 n-Octacosane (C28)

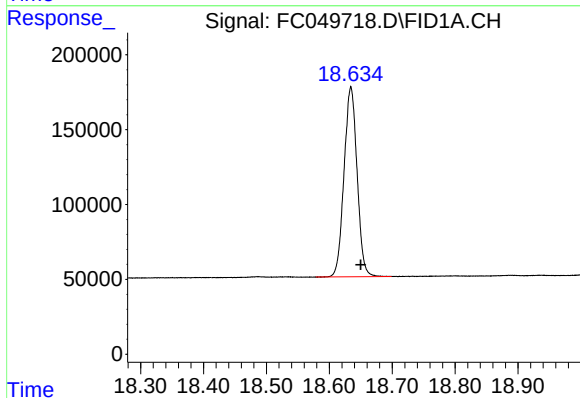
R.T.: 16.916 min
Delta R.T.: -0.017 min
Response: 1910426
Conc: 19.01 ug/ml



#17 n-Tricontane (C30)

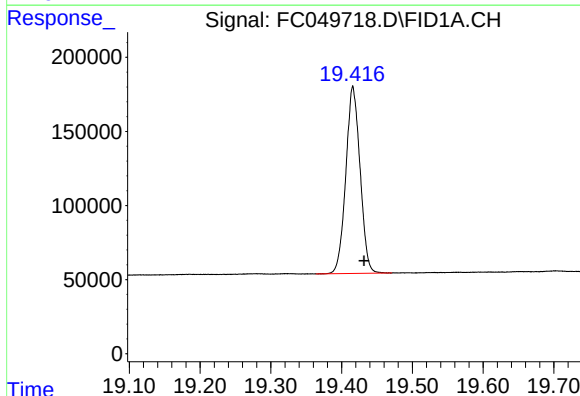
R.T.: 17.803 min
Delta R.T.: -0.016 min
Response: 1906800
Conc: 19.58 ug/ml

Instrument :
FID_C
ClientSampleId :



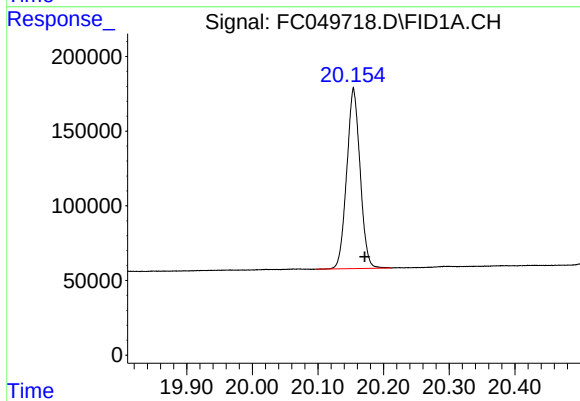
#18 n-Dotriacontane (C32)

R.T.: 18.634 min
Delta R.T.: -0.016 min
Response: 1825235
Conc: 20.20 ug/ml



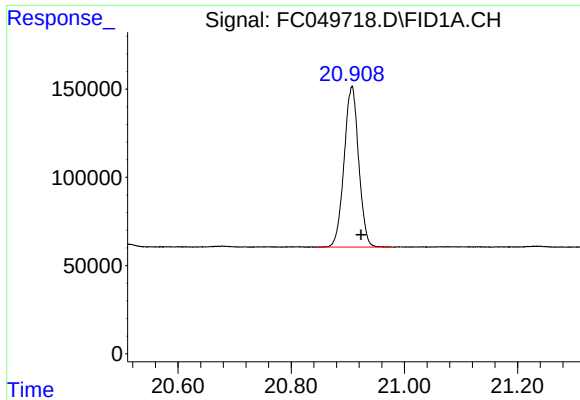
#19 n-Tetratriacontane (C34)

R.T.: 19.416 min
Delta R.T.: -0.016 min
Response: 1764575
Conc: 20.61 ug/ml



#20 n-Hexatriacontane (C36)

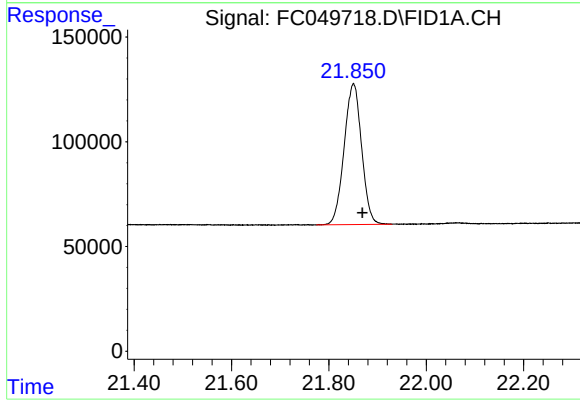
R.T.: 20.154 min
Delta R.T.: -0.017 min
Response: 1707606
Conc: 21.20 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.907 min
Delta R.T.: -0.016 min
Response: 1628025
Conc: 21.50 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.851 min
Delta R.T.: -0.018 min
Response: 1669979
Conc: 21.46 ug/ml