

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081720AL\
 Data File : FC049063.D
 Signal(s) : FID1A.CH
 Acq On : 18 Aug 2020 2:54
 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: Aug 18 03:26:50 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 080720.M
 Quant Title : GC Extractables
 QLast Update : Sat Aug 08 02:38:47 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)	11.679	2555443	21.508 ug/ml
Spiked Amount 50.000		Recovery =	43.02%
12) S 1-chlorooctadecane (S...	13.111	2076897	21.350 ug/ml
Spiked Amount 50.000		Recovery =	42.70%
Target Compounds			
1) T n-Nonane (C9)	3.408	2240783	21.484 ug/ml
2) T n-Decane (C10)	4.484	2275674	21.696 ug/ml
3) T A~Naphthalene (C11.7)	6.082	2588779	21.890 ug/ml
4) T n-Dodecane (C12)	6.510	2320878	21.881 ug/ml
5) T A~2-methylnaphthalene...	7.143	2649084	21.971 ug/ml
6) T n-Tetradecane (C14)	8.308	2319164	22.023 ug/ml
7) T n-Hexadecane (C16)	9.912	2304129	21.952 ug/ml
8) T n-Octadecane (C18)	11.354	2395423	21.804 ug/ml
10) T n-Eicosane (C20)	12.665	2404736	21.609 ug/ml
11) T n-Heneicosane (C21)	13.276	2392528	21.418 ug/ml
13) T n-Docosane (C22)	13.862	2381562	21.188 ug/ml
14) T n-Tetracosane (C24)	14.965	2335968	20.547 ug/ml
15) T n-Hexacosane (C26)	15.985	2248132	19.648 ug/ml
16) T n-Octacosane (C28)	16.935	2173038	18.678 ug/ml
17) T n-Tricontane (C30)	17.819	2065258	17.866 ug/ml
18) T n-Dotriacontane (C32)	18.650	1879335	17.381 ug/ml
19) T n-Tetratriacontane (C34)	19.431	1765608	17.023 ug/ml
20) T n-Hexatriacontane (C36)	20.170	1707049	17.169 ug/ml
21) T n-Octatriacontane (C38)	20.924	1641436	17.358 ug/ml
22) T n-Tetracontane (C40)	21.875	1710022	17.913 ug/ml

(f)=RT Delta > 1/2 Window

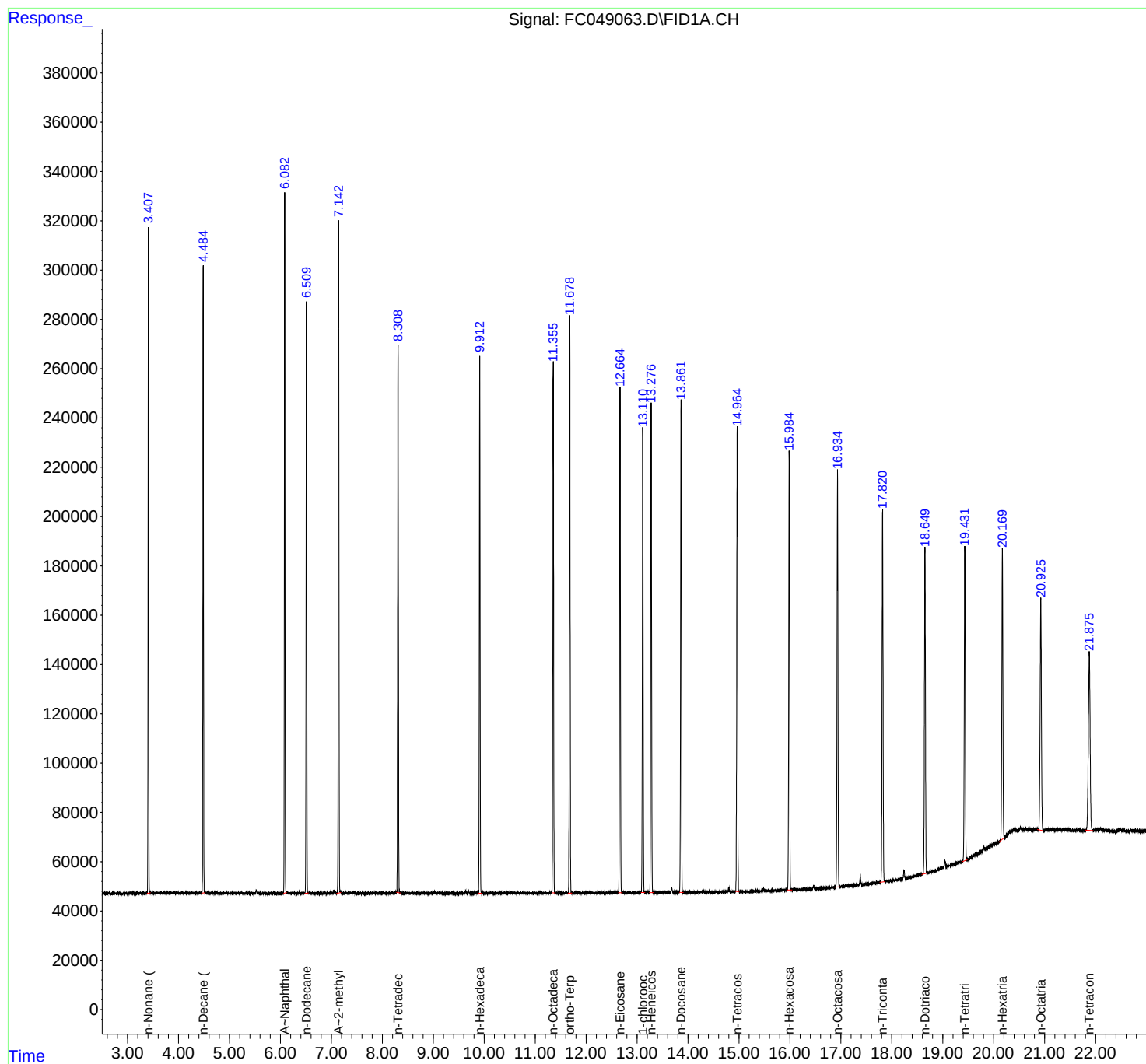
(m)=manual int.

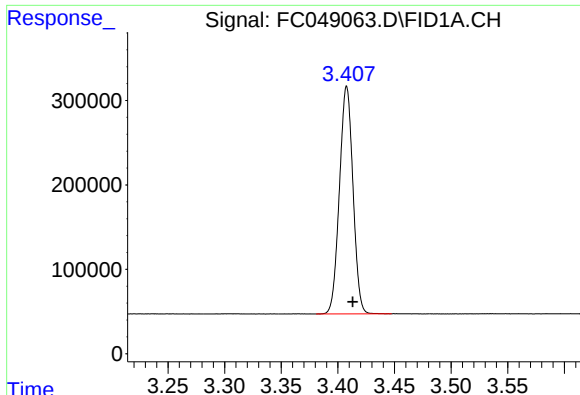
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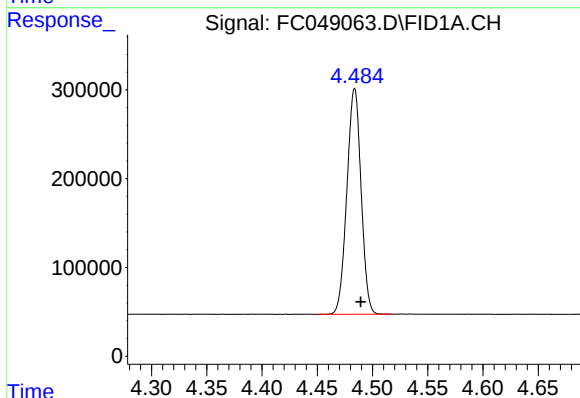




#1 n-Nonane (C9)

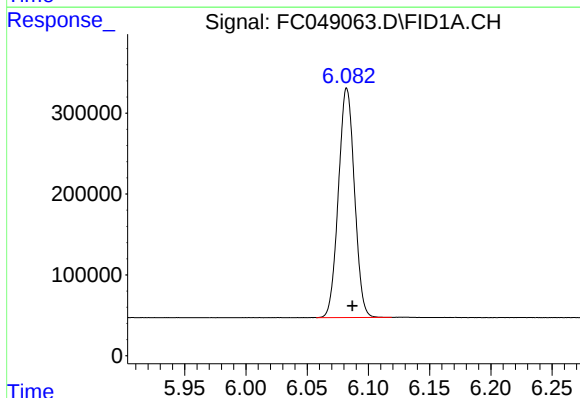
R.T.: 3.408 min
Delta R.T.: -0.005 min
Response: 2240783
Conc: 21.48 ug/ml

Instrument :
FID_C
ClientSampleId :



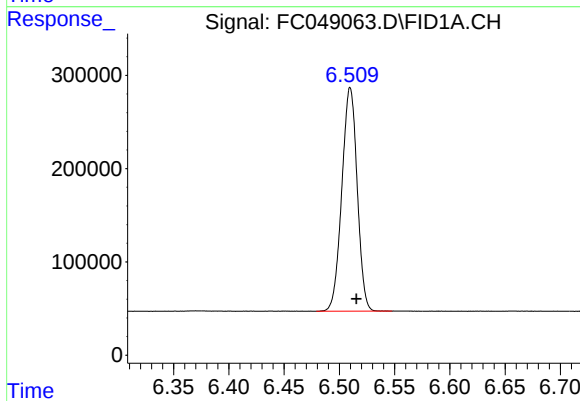
#2 n-Decane (C10)

R.T.: 4.484 min
Delta R.T.: -0.005 min
Response: 2275674
Conc: 21.70 ug/ml



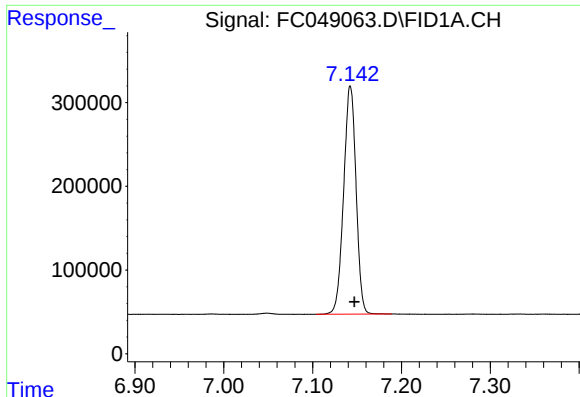
#3 A~Naphthalene (C11.7)

R.T.: 6.082 min
Delta R.T.: -0.004 min
Response: 2588779
Conc: 21.89 ug/ml



#4 n-Dodecane (C12)

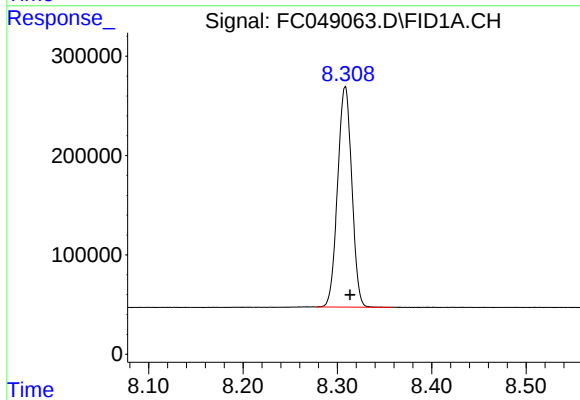
R.T.: 6.510 min
Delta R.T.: -0.005 min
Response: 2320878
Conc: 21.88 ug/ml



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

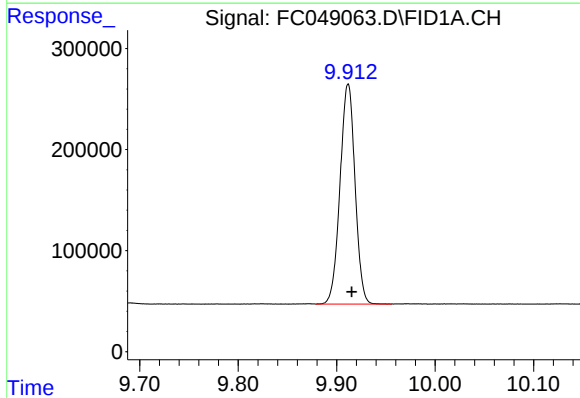
R.T.: 7.143 min
Delta R.T.: -0.005 min
Response: 2649084
Conc: 21.97 ug/ml

Instrument :
FID_C
ClientSampleId :



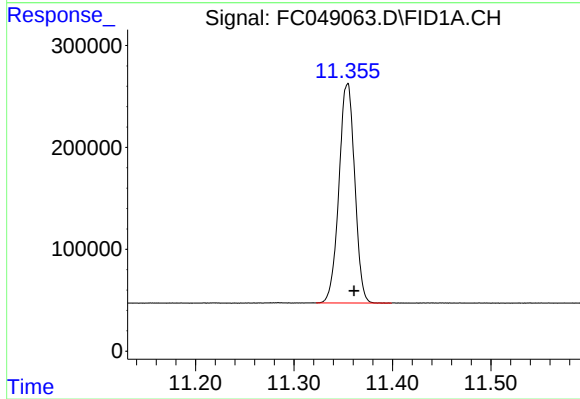
#6 n-Tetradecane (C14)

R.T.: 8.308 min
Delta R.T.: -0.005 min
Response: 2319164
Conc: 22.02 ug/ml



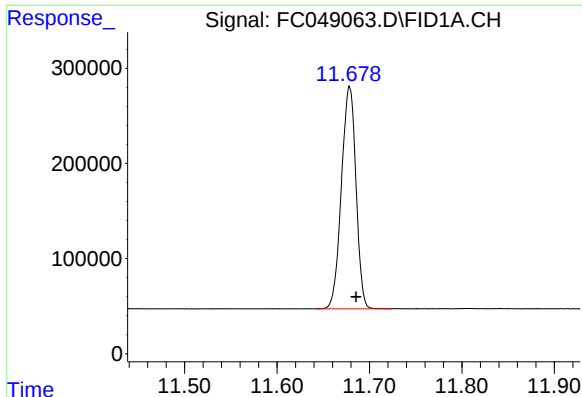
#7 n-Hexadecane (C16)

R.T.: 9.912 min
Delta R.T.: -0.004 min
Response: 2304129
Conc: 21.95 ug/ml



#8 n-Octadecane (C18)

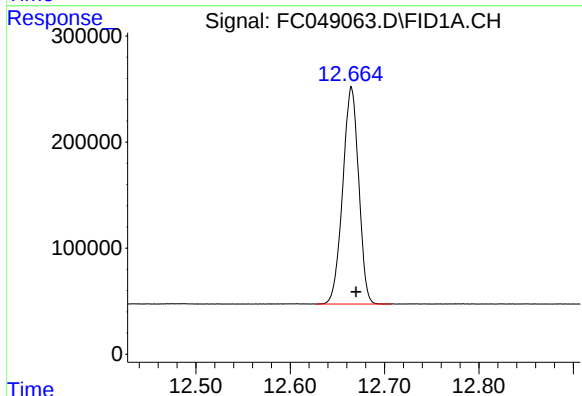
R.T.: 11.354 min
Delta R.T.: -0.007 min
Response: 2395423
Conc: 21.80 ug/ml



#9 ortho-Terphenyl (SURR)

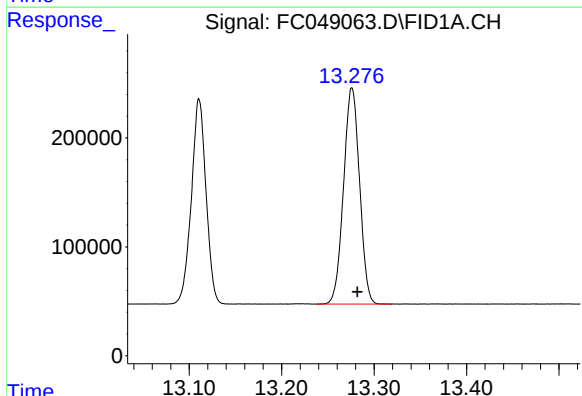
R.T.: 11.679 min
Delta R.T.: -0.007 min
Response: 2555443
Conc: 21.51 ug/ml

Instrument :
FID_C
ClientSampleId :



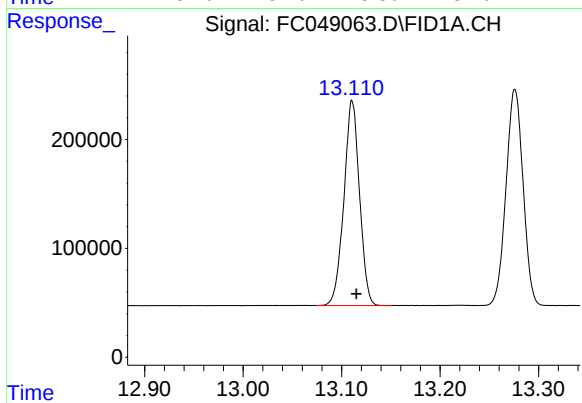
#10 n-Eicosane (C20)

R.T.: 12.665 min
Delta R.T.: -0.005 min
Response: 2404736
Conc: 21.61 ug/ml



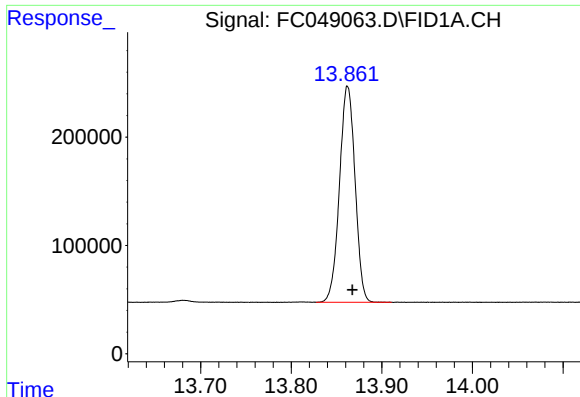
#11 n-Heneicosane (C21)

R.T.: 13.276 min
Delta R.T.: -0.006 min
Response: 2392528
Conc: 21.42 ug/ml



#12 1-chlorooctadecane (SURR)

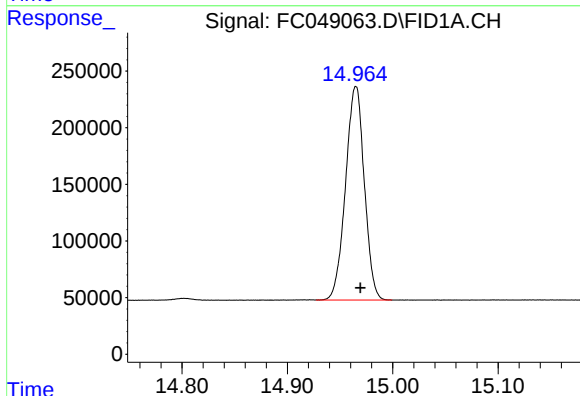
R.T.: 13.111 min
Delta R.T.: -0.004 min
Response: 2076897
Conc: 21.35 ug/ml



#13 n-Docosane (C22)

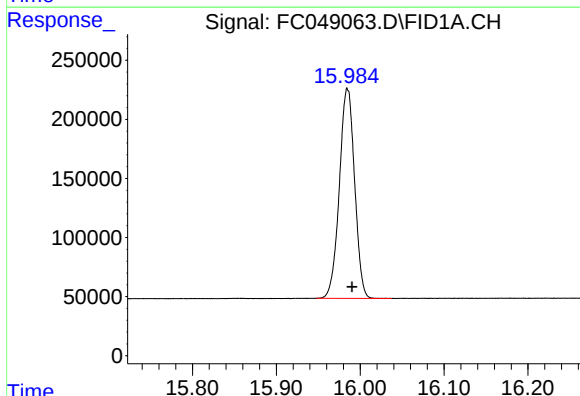
R.T.: 13.862 min
Delta R.T.: -0.005 min
Response: 2381562
Conc: 21.19 ug/ml

Instrument :
FID_C
ClientSampleId :



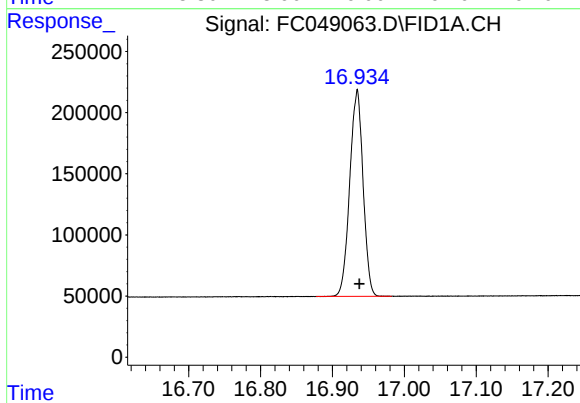
#14 n-Tetracosane (C24)

R.T.: 14.965 min
Delta R.T.: -0.004 min
Response: 2335968
Conc: 20.55 ug/ml



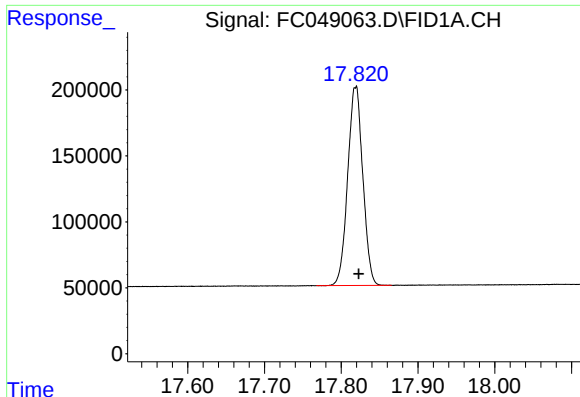
#15 n-Hexacosane (C26)

R.T.: 15.985 min
Delta R.T.: -0.005 min
Response: 2248132
Conc: 19.65 ug/ml



#16 n-Octacosane (C28)

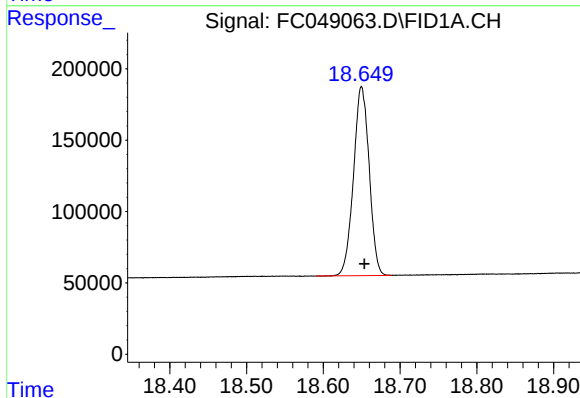
R.T.: 16.935 min
Delta R.T.: -0.003 min
Response: 2173038
Conc: 18.68 ug/ml



#17 n-Tricontane (C30)

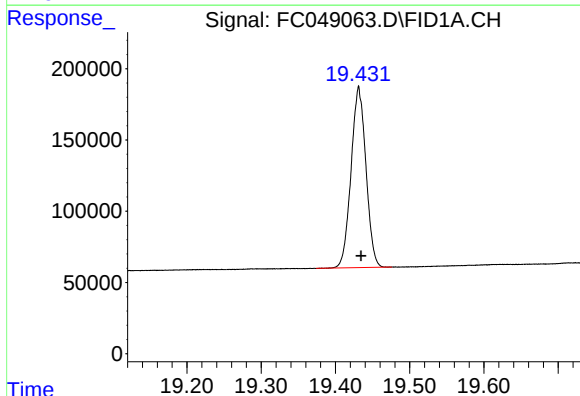
R.T.: 17.819 min
Delta R.T.: -0.004 min
Response: 2065258
Conc: 17.87 ug/ml

Instrument :
FID_C
ClientSampleId :



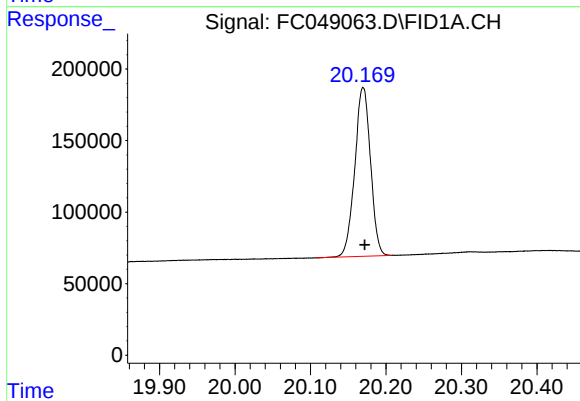
#18 n-Dotriacontane (C32)

R.T.: 18.650 min
Delta R.T.: -0.004 min
Response: 1879335
Conc: 17.38 ug/ml



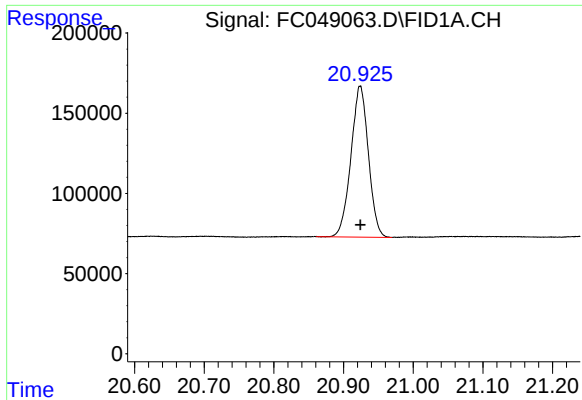
#19 n-Tetratriacontane (C34)

R.T.: 19.431 min
Delta R.T.: -0.003 min
Response: 1765608
Conc: 17.02 ug/ml



#20 n-Hexatriacontane (C36)

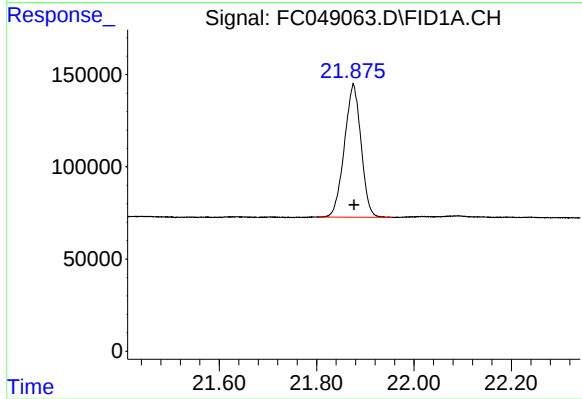
R.T.: 20.170 min
Delta R.T.: -0.002 min
Response: 1707049
Conc: 17.17 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.924 min
Delta R.T.: 0.000 min
Response: 1641436
Conc: 17.36 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.875 min
Delta R.T.: -0.001 min
Response: 1710022
Conc: 17.91 ug/ml