

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081820AL\
 Data File : FC049073.D
 Signal(s) : FID1A.CH
 Acq On : 18 Aug 2020 13:33
 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 14:16:02 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)	11.676	2582667	21.737 ug/ml
Spiked Amount 50.000		Recovery =	43.47%
12) S 1-chlorooctadecane (S...	13.109	2101574	21.603 ug/ml
Spiked Amount 50.000		Recovery =	43.21%
Target Compounds			
1) T n-Nonane (C9)	3.407	2268589	21.751 ug/ml
2) T n-Decane (C10)	4.483	2302451	21.952 ug/ml
3) T A~Naphthalene (C11.7)	6.080	2618680	22.142 ug/ml
4) T n-Dodecane (C12)	6.507	2349216	22.149 ug/ml
5) T A~2-methylnaphthalene...	7.139	2687159	22.287 ug/ml
6) T n-Tetradecane (C14)	8.306	2351274	22.328 ug/ml
7) T n-Hexadecane (C16)	9.910	2335088	22.247 ug/ml
8) T n-Octadecane (C18)	11.352	2433227	22.148 ug/ml
10) T n-Eicosane (C20)	12.663	2441092	21.936 ug/ml
11) T n-Heneicosane (C21)	13.275	2420972	21.672 ug/ml
13) T n-Docosane (C22)	13.861	2422399	21.551 ug/ml
14) T n-Tetracosane (C24)	14.963	2399582	21.107 ug/ml
15) T n-Hexacosane (C26)	15.983	2305972	20.154 ug/ml
16) T n-Octacosane (C28)	16.931	2233326	19.197 ug/ml
17) T n-Tricontane (C30)	17.818	2128145	18.410 ug/ml
18) T n-Dotriacontane (C32)	18.648	1925975	17.812 ug/ml
19) T n-Tetratriacontane (C34)	19.430	1792047	17.278 ug/ml
20) T n-Hexatriacontane (C36)	20.170	1725231	17.351 ug/ml
21) T n-Octatriacontane (C38)	20.921	1663864	17.596 ug/ml
22) T n-Tetracontane (C40)	21.872	1734635	18.170 ug/ml

(f)=RT Delta > 1/2 Window

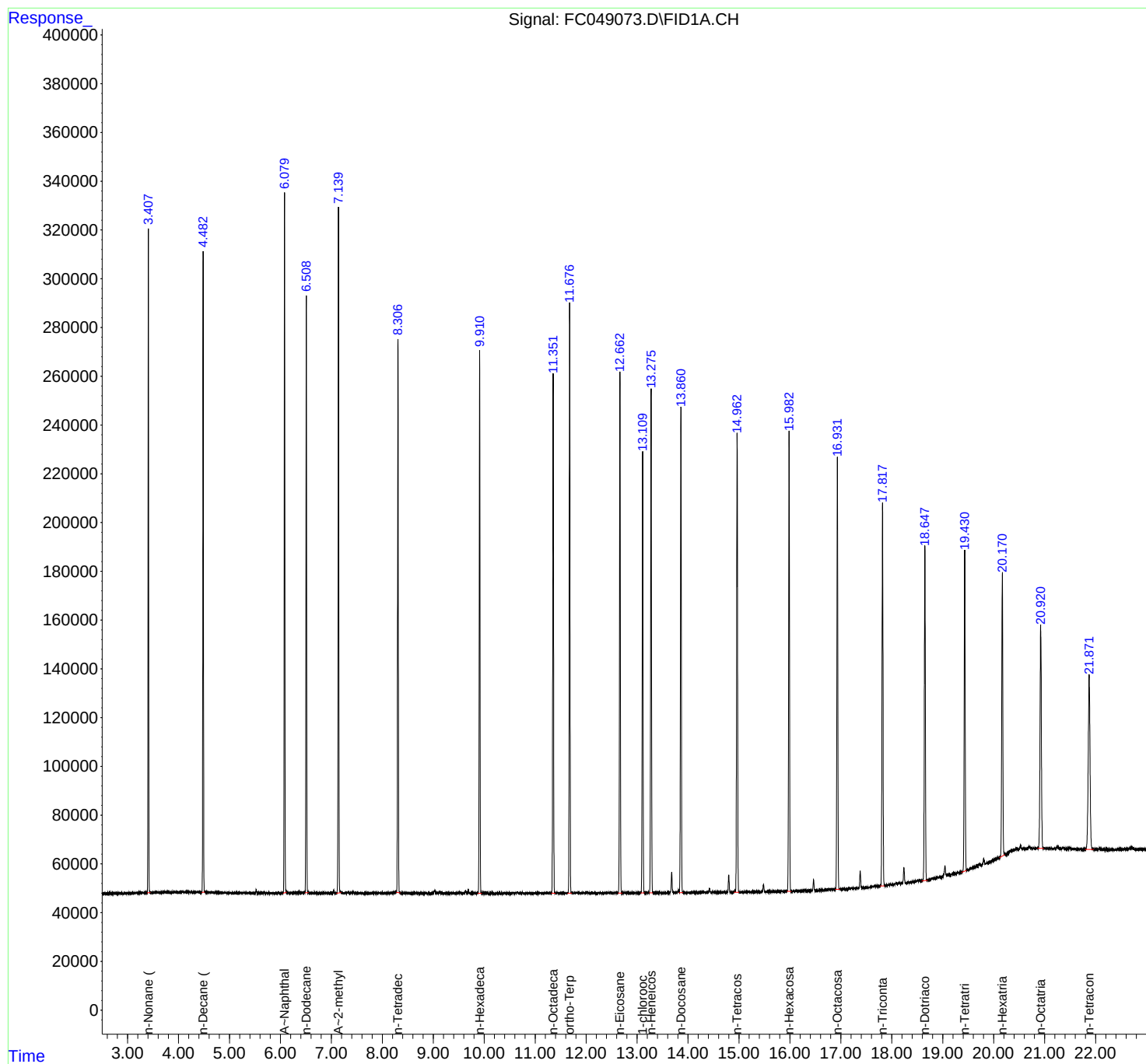
(m)=manual int.

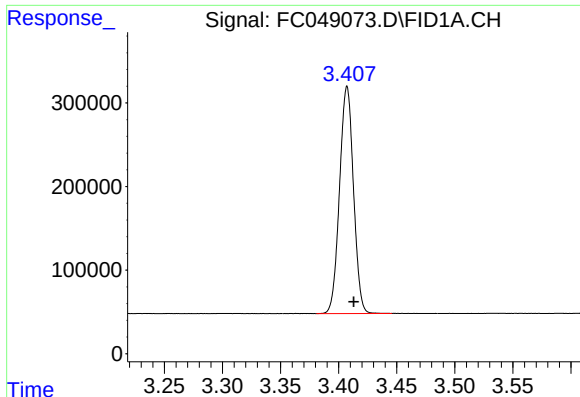
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081820AL\
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Instrument :
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ClientSampled :

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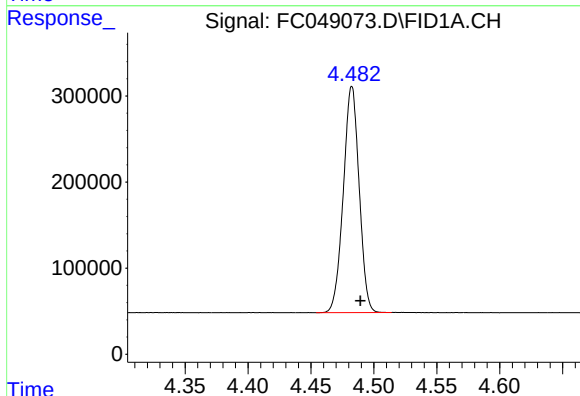




#1 n-Nonane (C9)

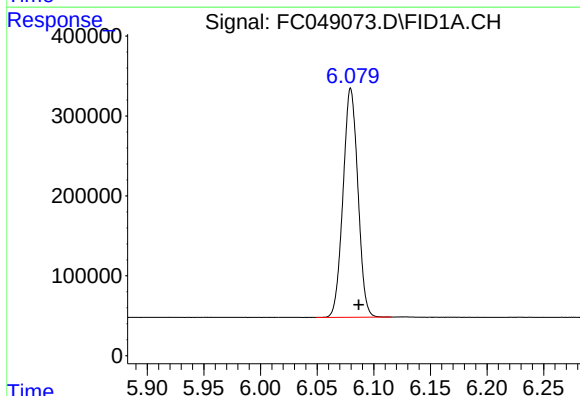
R.T.: 3.407 min
Delta R.T.: -0.006 min
Response: 2268589
Conc: 21.75 ug/ml

Instrument :
FID_C
ClientSampleId :



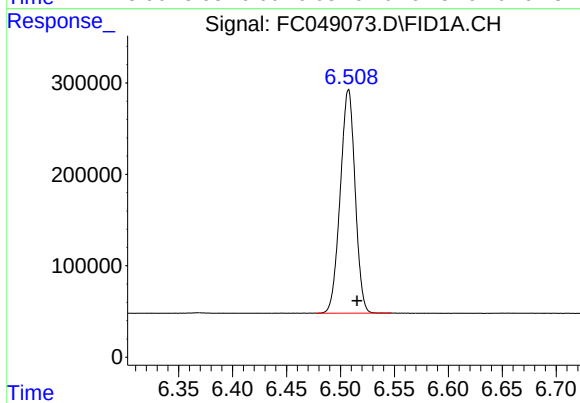
#2 n-Decane (C10)

R.T.: 4.483 min
Delta R.T.: -0.007 min
Response: 2302451
Conc: 21.95 ug/ml



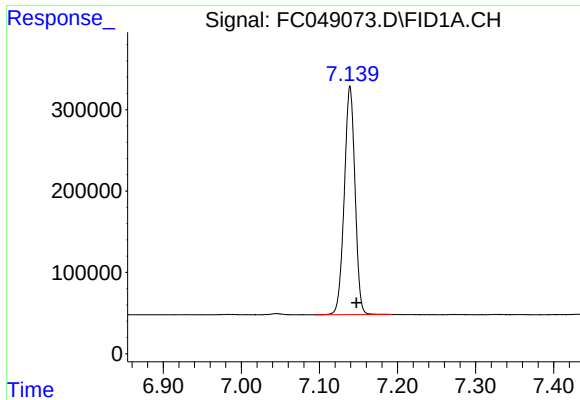
#3 A~Naphthalene (C11.7)

R.T.: 6.080 min
Delta R.T.: -0.007 min
Response: 2618680
Conc: 22.14 ug/ml



#4 n-Dodecane (C12)

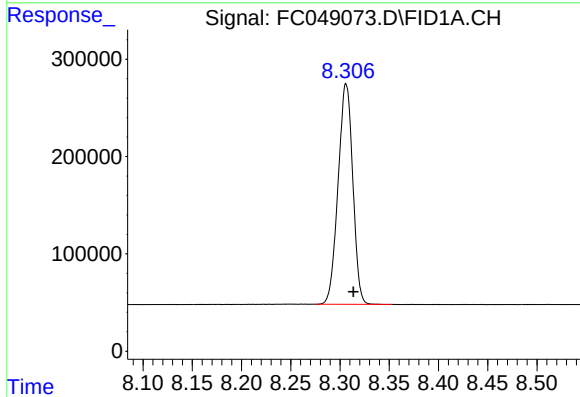
R.T.: 6.507 min
Delta R.T.: -0.008 min
Response: 2349216
Conc: 22.15 ug/ml



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

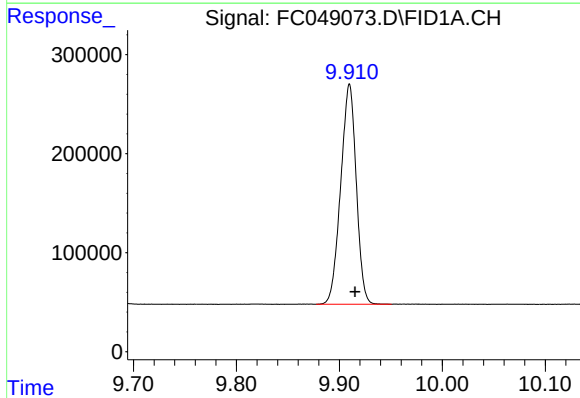
R.T.: 7.139 min
Delta R.T.: -0.008 min
Response: 2687159
Conc: 22.29 ug/ml

Instrument :
FID_C
ClientSampleId :



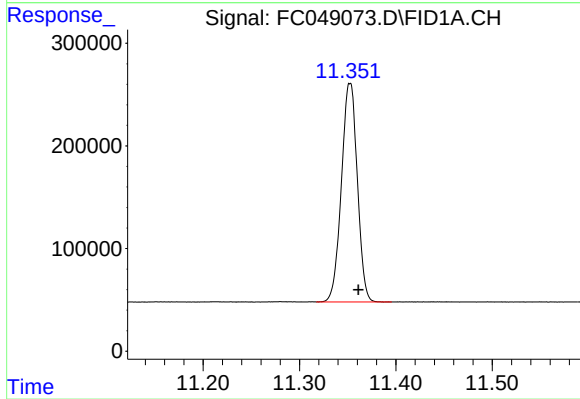
#6 n-Tetradecane (C14)

R.T.: 8.306 min
Delta R.T.: -0.007 min
Response: 2351274
Conc: 22.33 ug/ml



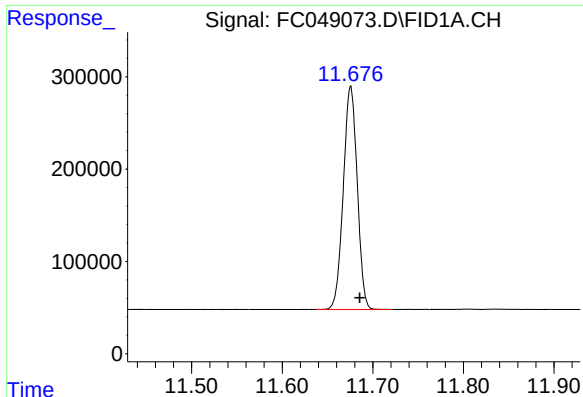
#7 n-Hexadecane (C16)

R.T.: 9.910 min
Delta R.T.: -0.005 min
Response: 2335088
Conc: 22.25 ug/ml



#8 n-Octadecane (C18)

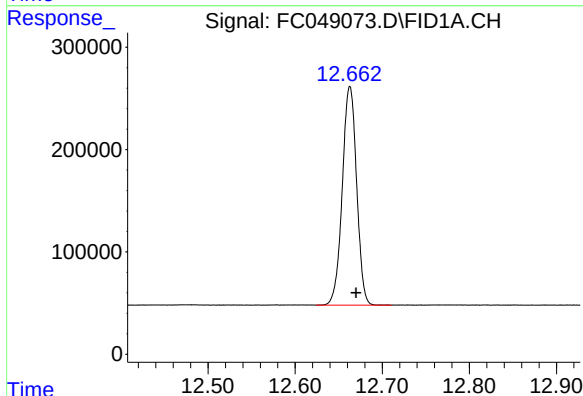
R.T.: 11.352 min
Delta R.T.: -0.009 min
Response: 2433227
Conc: 22.15 ug/ml



#9 ortho-Terphenyl (SURR)

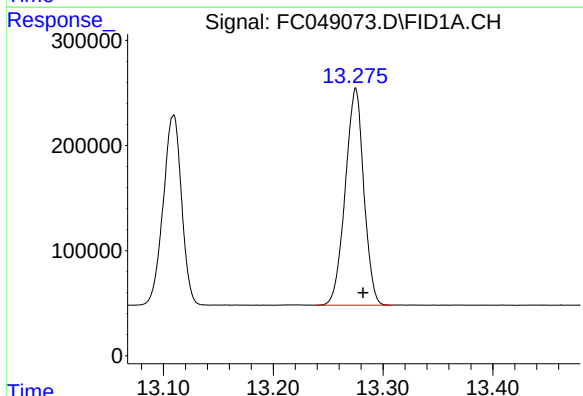
R.T.: 11.676 min
Delta R.T.: -0.010 min
Response: 2582667
Conc: 21.74 ug/ml

Instrument :
FID_C
ClientSampleId :



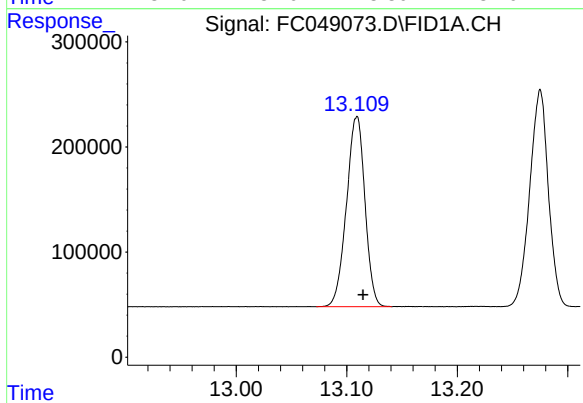
#10 n-Eicosane (C20)

R.T.: 12.663 min
Delta R.T.: -0.007 min
Response: 2441092
Conc: 21.94 ug/ml



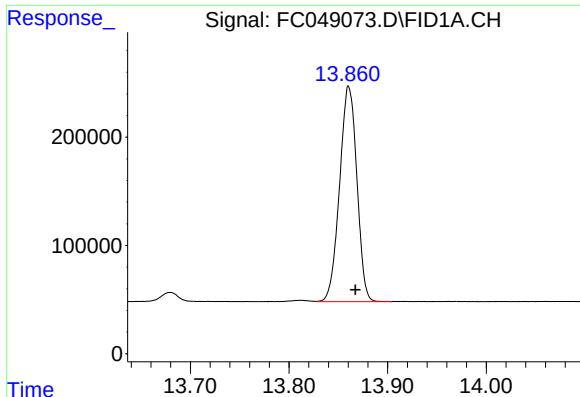
#11 n-Heneicosane (C21)

R.T.: 13.275 min
Delta R.T.: -0.007 min
Response: 2420972
Conc: 21.67 ug/ml



#12 1-chlorooctadecane (SURR)

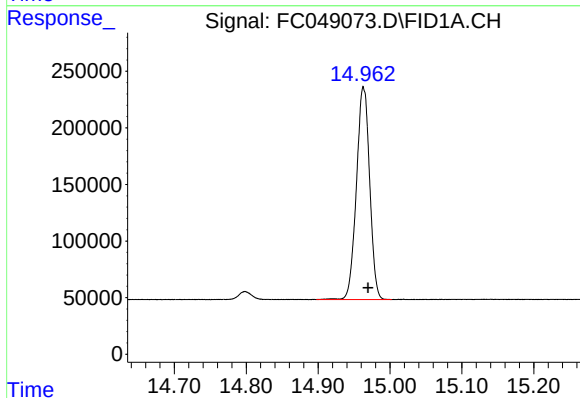
R.T.: 13.109 min
Delta R.T.: -0.006 min
Response: 2101574
Conc: 21.60 ug/ml



#13 n-Docosane (C22)

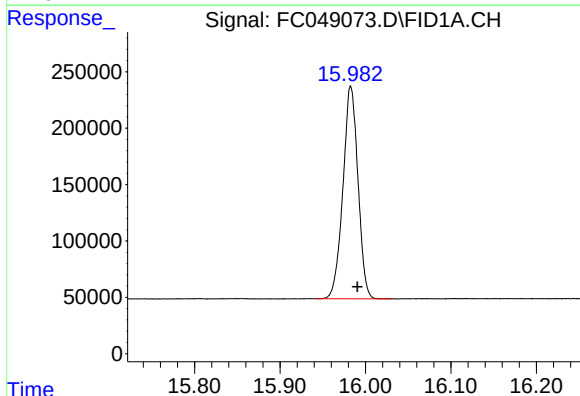
R.T.: 13.861 min
Delta R.T.: -0.007 min
Response: 2422399
Conc: 21.55 ug/ml

Instrument :
FID_C
ClientSampleId :



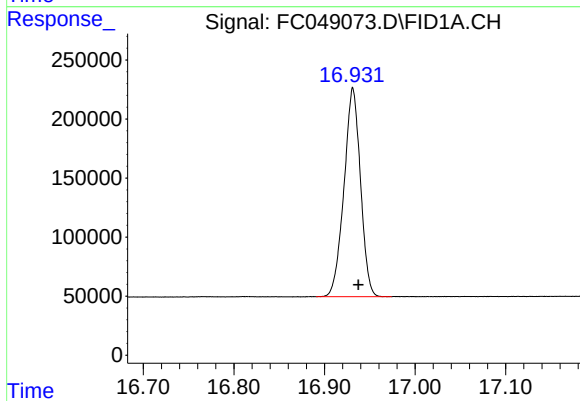
#14 n-Tetracosane (C24)

R.T.: 14.963 min
Delta R.T.: -0.006 min
Response: 2399582
Conc: 21.11 ug/ml



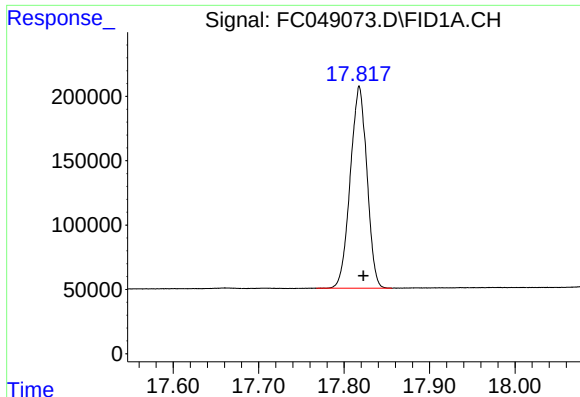
#15 n-Hexacosane (C26)

R.T.: 15.983 min
Delta R.T.: -0.008 min
Response: 2305972
Conc: 20.15 ug/ml



#16 n-Octacosane (C28)

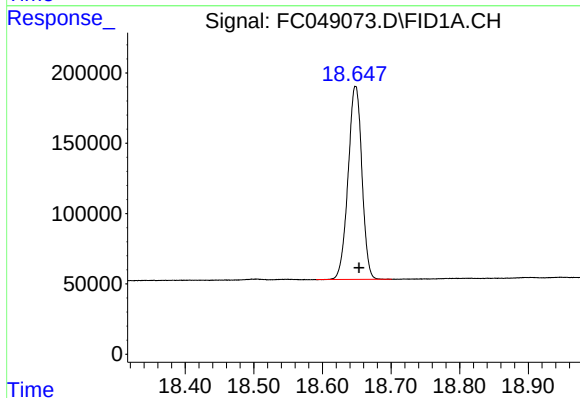
R.T.: 16.931 min
Delta R.T.: -0.006 min
Response: 2233326
Conc: 19.20 ug/ml



#17 n-Tricontane (C30)

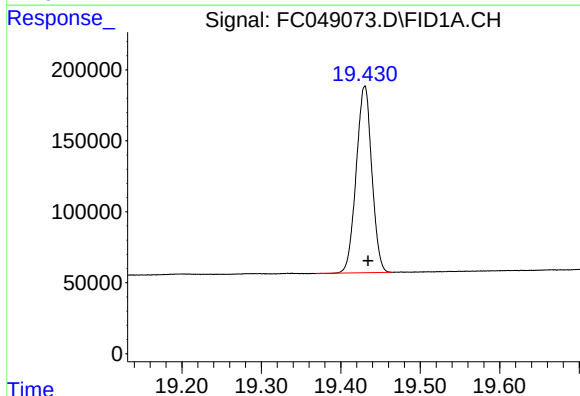
R.T.: 17.818 min
Delta R.T.: -0.005 min
Response: 2128145
Conc: 18.41 ug/ml

Instrument :
FID_C
ClientSampleId :



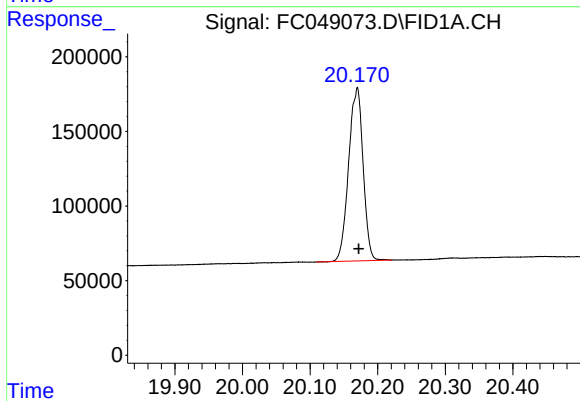
#18 n-Dotriacontane (C32)

R.T.: 18.648 min
Delta R.T.: -0.005 min
Response: 1925975
Conc: 17.81 ug/ml



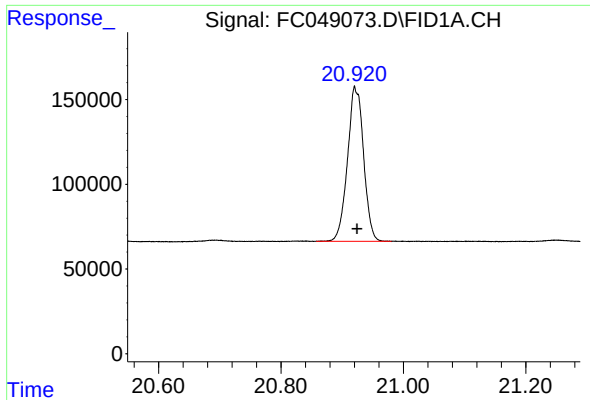
#19 n-Tetratriacontane (C34)

R.T.: 19.430 min
Delta R.T.: -0.004 min
Response: 1792047
Conc: 17.28 ug/ml



#20 n-Hexatriacontane (C36)

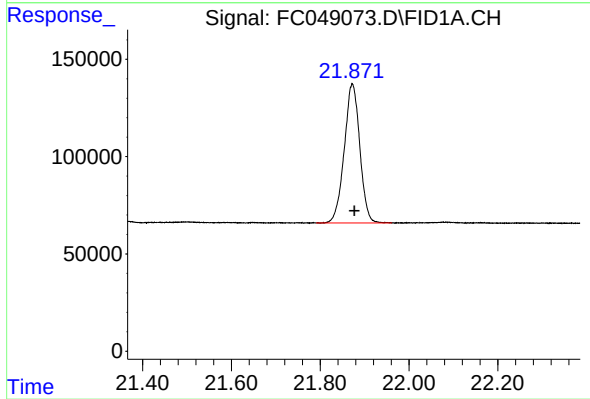
R.T.: 20.170 min
Delta R.T.: -0.002 min
Response: 1725231
Conc: 17.35 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.921 min
Delta R.T.: -0.004 min
Response: 1663864
Conc: 17.60 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.872 min
Delta R.T.: -0.005 min
Response: 1734635
Conc: 18.17 ug/ml