

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080720AL\
 Data File : FC048911.D
 Signal(s) : FID1A.CH
 Acq On : 07 Aug 2020 21:38
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 08 02:40:21 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)	11.674	2476579	20.844 ug/ml
Spiked Amount 50.000		Recovery =	41.69%
12) S 1-chlorooctadecane (S...	13.107	2028925	20.857 ug/ml
Spiked Amount 50.000		Recovery =	41.71%
Target Compounds			
1) T n-Nonane (C9)	3.409	2174388	20.848 ug/ml
2) T n-Decane (C10)	4.484	2184751	20.829 ug/ml
3) T A~Naphthalene (C11.7)	6.080	2462939	20.826 ug/ml
4) T n-Dodecane (C12)	6.509	2203334	20.773 ug/ml
5) T A~2-methylnaphthalene...	7.139	2511349	20.829 ug/ml
6) T n-Tetradecane (C14)	8.306	2191680	20.812 ug/ml
7) T n-Hexadecane (C16)	9.909	2189610	20.861 ug/ml
8) T n-Octadecane (C18)	11.351	2292629	20.869 ug/ml
10) T n-Eicosane (C20)	12.660	2321685	20.863 ug/ml
11) T n-Heneicosane (C21)	13.272	2326797	20.829 ug/ml
13) T n-Docosane (C22)	13.857	2340504	20.823 ug/ml
14) T n-Tetracosane (C24)	14.958	2367071	20.821 ug/ml
15) T n-Hexacosane (C26)	15.980	2382344	20.821 ug/ml
16) T n-Octacosane (C28)	16.927	2416780	20.773 ug/ml
17) T n-Tricontane (C30)	17.813	2395497	20.723 ug/ml
18) T n-Dotriacontane (C32)	18.644	2238576	20.704 ug/ml
19) T n-Tetratriacontane (C34)	19.424	2152194	20.750 ug/ml
20) T n-Hexatriacontane (C36)	20.163	2070781	20.827 ug/ml
21) T n-Octatriacontane (C38)	20.913	1973835	20.874 ug/ml
22) T n-Tetracontane (C40)	21.860	2011188	21.067 ug/ml

(f)=RT Delta > 1/2 Window

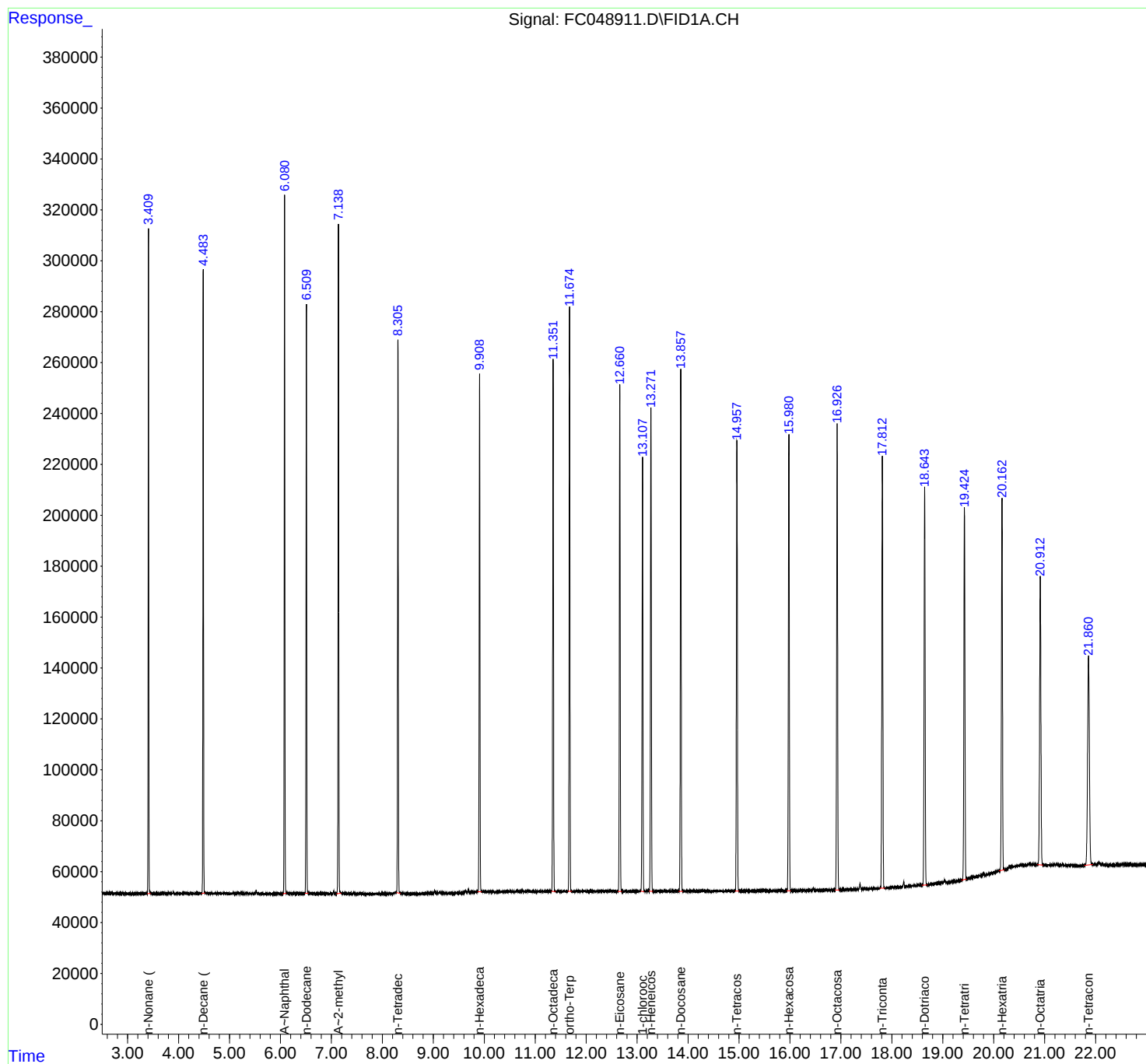
(m)=manual int.

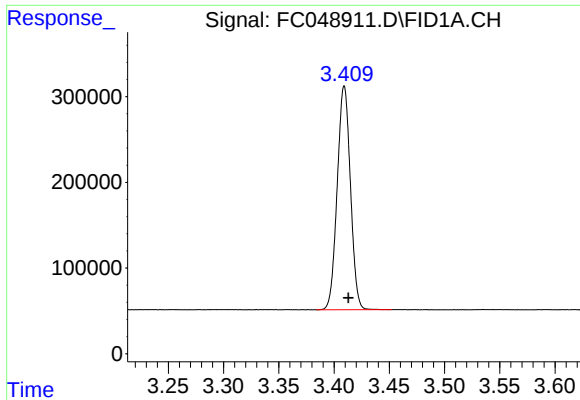
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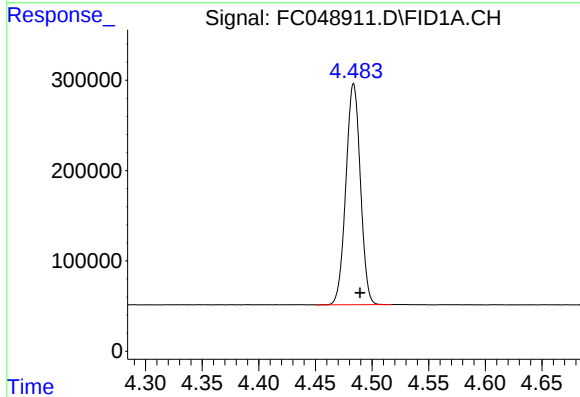




#1 n-Nonane (C9)

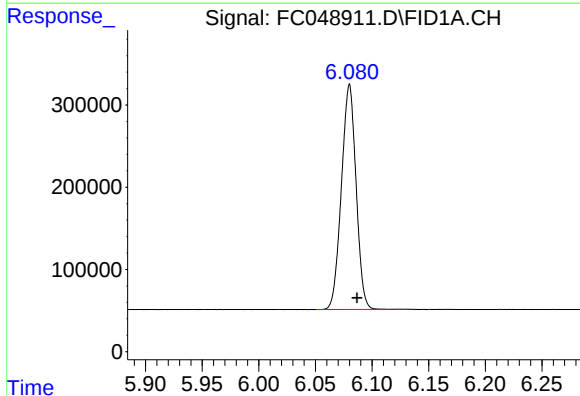
R.T.: 3.409 min
Delta R.T.: -0.004 min
Response: 2174388
Conc: 20.85 ug/ml

Instrument :
FID_C
ClientSampleId :



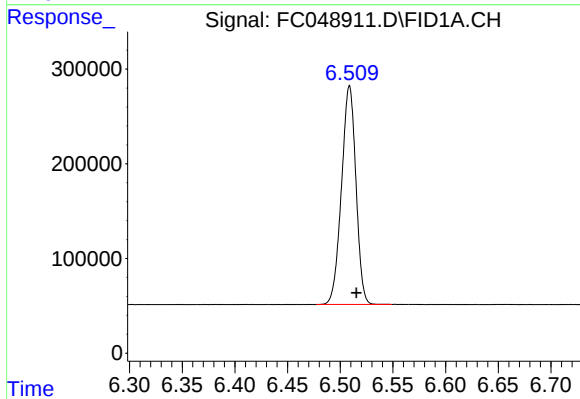
#2 n-Decane (C10)

R.T.: 4.484 min
Delta R.T.: -0.006 min
Response: 2184751
Conc: 20.83 ug/ml



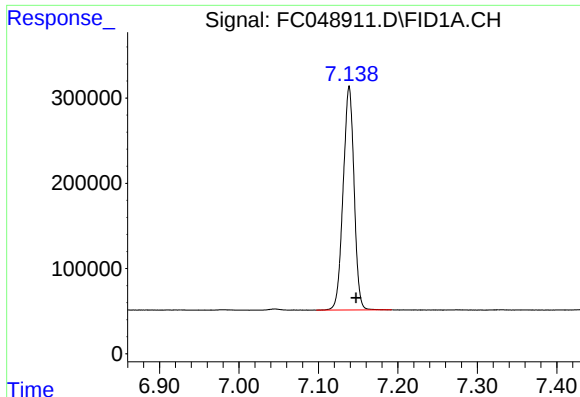
#3 A~Naphthalene (C11.7)

R.T.: 6.080 min
Delta R.T.: -0.007 min
Response: 2462939
Conc: 20.83 ug/ml



#4 n-Dodecane (C12)

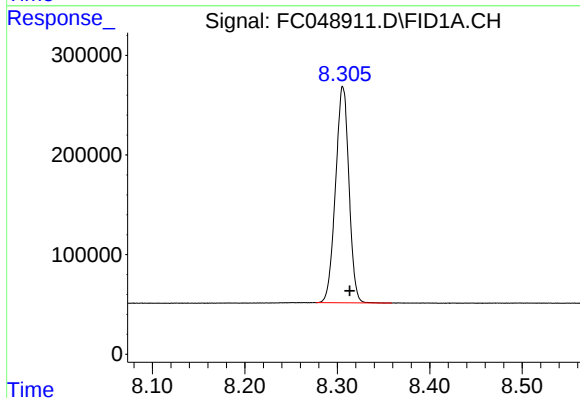
R.T.: 6.509 min
Delta R.T.: -0.006 min
Response: 2203334
Conc: 20.77 ug/ml



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

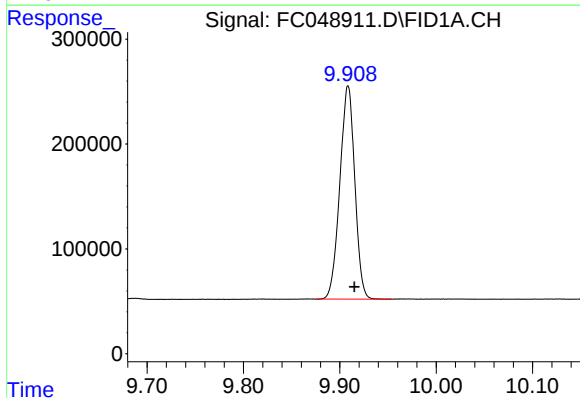
R.T.: 7.139 min
Delta R.T.: -0.009 min
Response: 2511349
Conc: 20.83 ug/ml

Instrument :
FID_C
ClientSampleId :



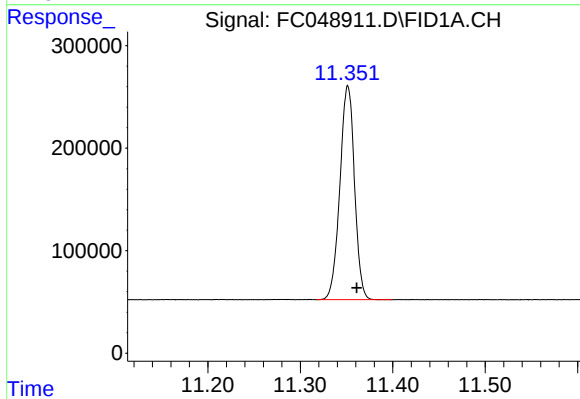
#6 n-Tetradecane (C14)

R.T.: 8.306 min
Delta R.T.: -0.007 min
Response: 2191680
Conc: 20.81 ug/ml



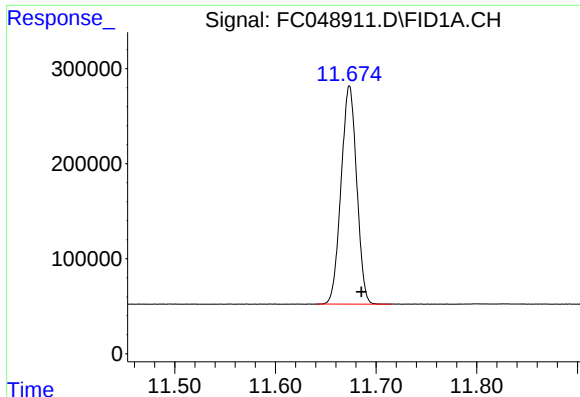
#7 n-Hexadecane (C16)

R.T.: 9.909 min
Delta R.T.: -0.007 min
Response: 2189610
Conc: 20.86 ug/ml



#8 n-Octadecane (C18)

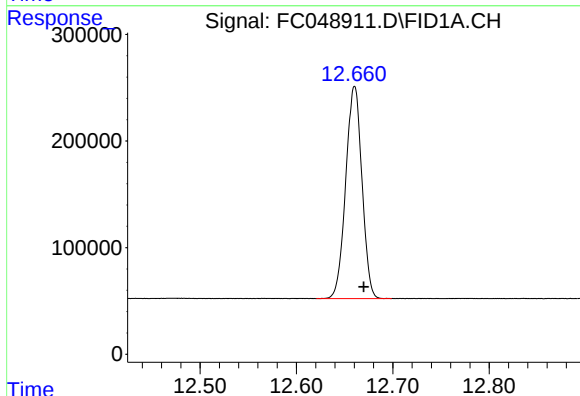
R.T.: 11.351 min
Delta R.T.: -0.010 min
Response: 2292629
Conc: 20.87 ug/ml



#9 ortho-Terphenyl (SURR)

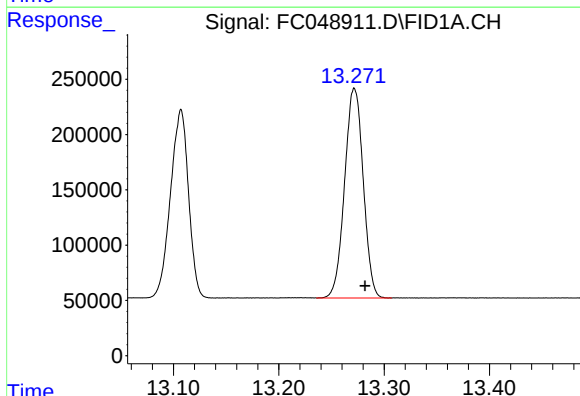
R.T.: 11.674 min
Delta R.T.: -0.012 min
Response: 2476579
Conc: 20.84 ug/ml

Instrument :
FID_C
ClientSampleId :



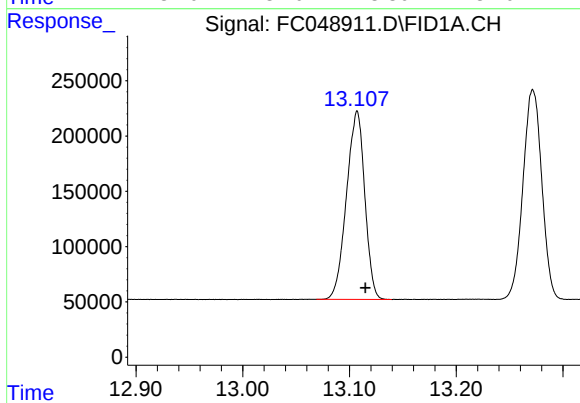
#10 n-Eicosane (C20)

R.T.: 12.660 min
Delta R.T.: -0.009 min
Response: 2321685
Conc: 20.86 ug/ml



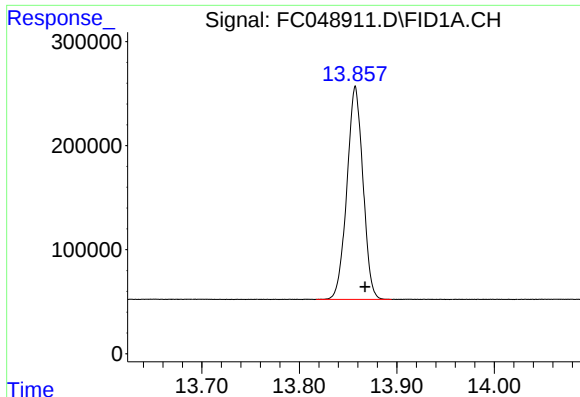
#11 n-Heneicosane (C21)

R.T.: 13.272 min
Delta R.T.: -0.010 min
Response: 2326797
Conc: 20.83 ug/ml



#12 1-chlorooctadecane (SURR)

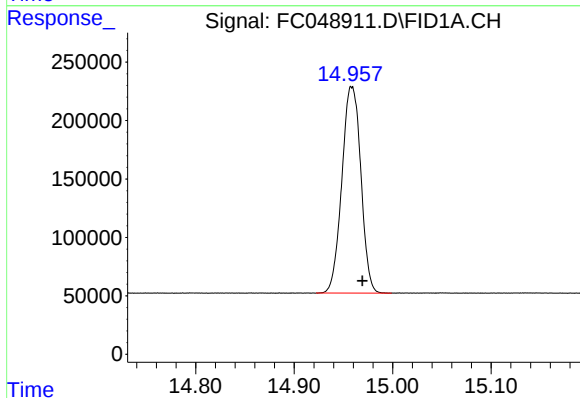
R.T.: 13.107 min
Delta R.T.: -0.008 min
Response: 2028925
Conc: 20.86 ug/ml



#13 n-Docosane (C22)

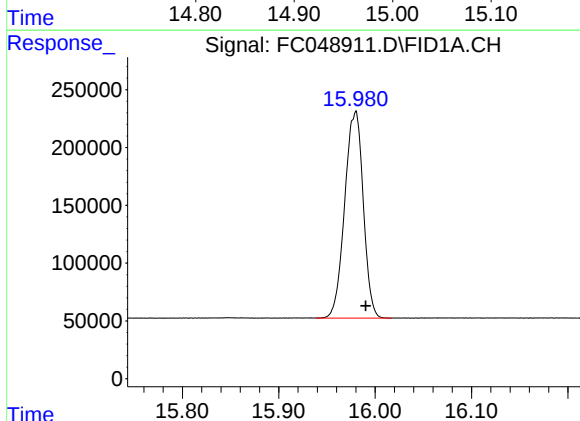
R.T.: 13.857 min
Delta R.T.: -0.010 min
Response: 2340504
Conc: 20.82 ug/ml

Instrument :
FID_C
ClientSampleId :



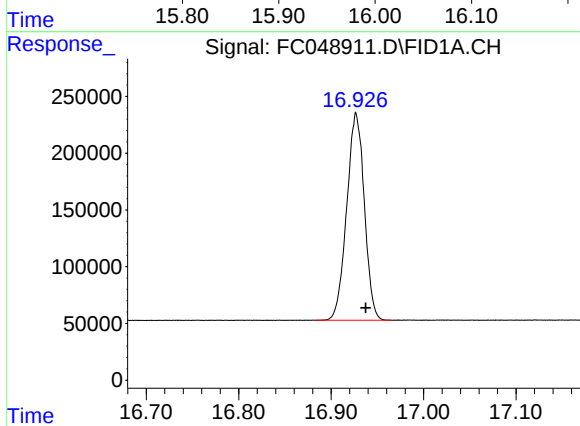
#14 n-Tetracosane (C24)

R.T.: 14.958 min
Delta R.T.: -0.011 min
Response: 2367071
Conc: 20.82 ug/ml



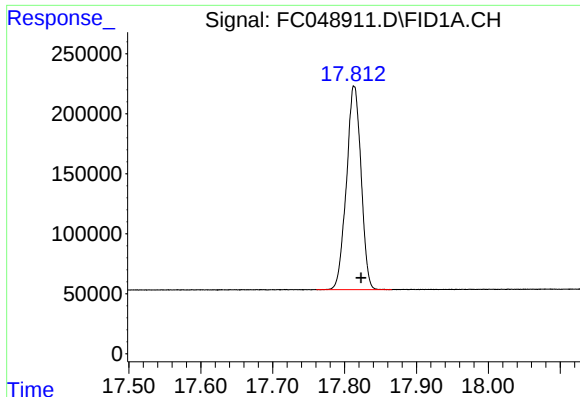
#15 n-Hexacosane (C26)

R.T.: 15.980 min
Delta R.T.: -0.011 min
Response: 2382344
Conc: 20.82 ug/ml



#16 n-Octacosane (C28)

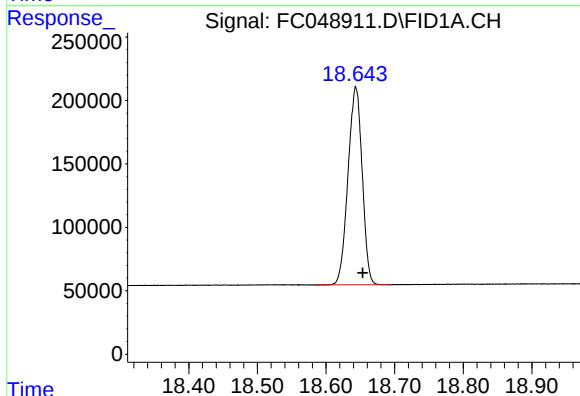
R.T.: 16.927 min
Delta R.T.: -0.010 min
Response: 2416780
Conc: 20.77 ug/ml



#17 n-Tricontane (C30)

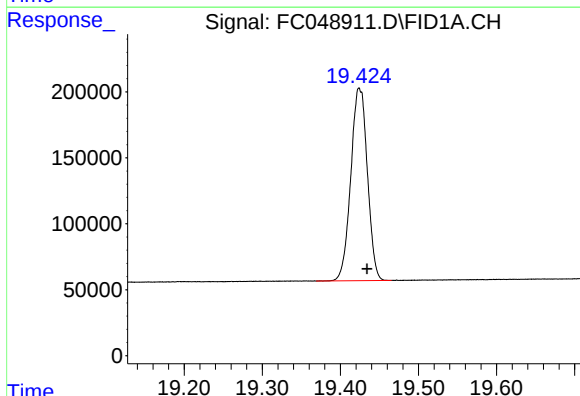
R.T.: 17.813 min
Delta R.T.: -0.009 min
Response: 2395497
Conc: 20.72 ug/ml

Instrument :
FID_C
ClientSampleId :



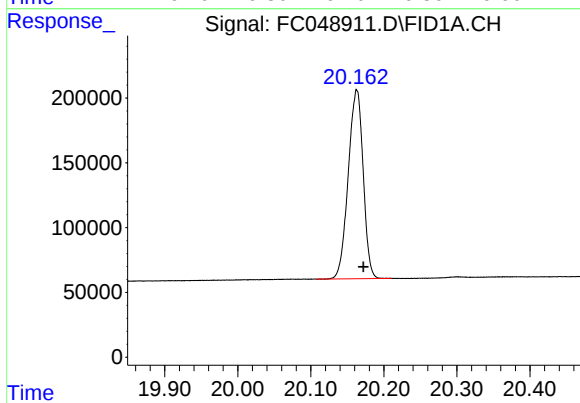
#18 n-Dotriacontane (C32)

R.T.: 18.644 min
Delta R.T.: -0.010 min
Response: 2238576
Conc: 20.70 ug/ml



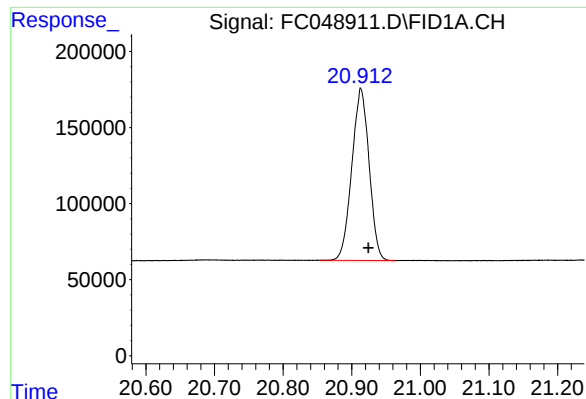
#19 n-Tetratriacontane (C34)

R.T.: 19.424 min
Delta R.T.: -0.010 min
Response: 2152194
Conc: 20.75 ug/ml



#20 n-Hexatriacontane (C36)

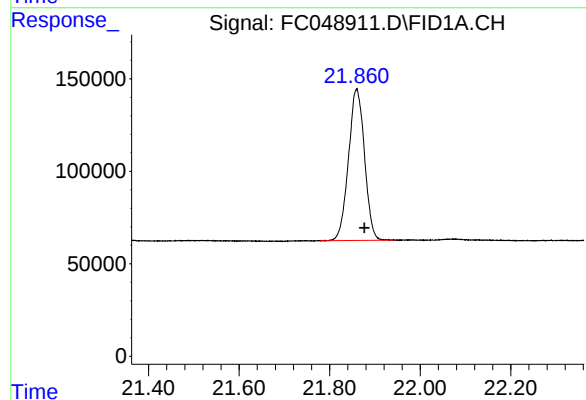
R.T.: 20.163 min
Delta R.T.: -0.009 min
Response: 2070781
Conc: 20.83 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.913 min
Delta R.T.: -0.011 min
Response: 1973835
Conc: 20.87 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.860 min
Delta R.T.: -0.017 min
Response: 2011188
Conc: 21.07 ug/ml