

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC030920AL\
 Data File : FC046198.D
 Signal(s) : FID1A.CH
 Acq On : 09 Mar 2020 10:10
 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: Mar 10 08:44:09 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 022120.M
 Quant Title : GC Extractables
 QLast Update : Sat Feb 22 03:16:45 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)	11.763	2002666	17.555 ug/ml
Spiked Amount 50.000		Recovery =	35.11%
12) S 1-chlorooctadecane (S...	13.180	1512632	16.861 ug/ml
Spiked Amount 50.000		Recovery =	33.72%
Target Compounds			
1) T n-Nonane (C9)	3.537	1981303	19.655 ug/ml
2) T n-Decane (C10)	4.606	1981753	19.648 ug/ml
3) T A~Naphthalene (C11.7)	6.207	2101562	18.927 ug/ml
4) T n-Dodecane (C12)	6.617	2000408	19.608 ug/ml
5) T A~2-methylnaphthalene...	7.260	2091880	18.806 ug/ml
6) T n-Tetradecane (C14)	8.402	1985093	19.392 ug/ml
7) T n-Hexadecane (C16)	9.995	1963699	18.966 ug/ml
8) T n-Octadecane (C18)	11.430	1942136	18.475 ug/ml
10) T n-Eicosane (C20)	12.734	1886732	17.848 ug/ml
11) T n-Heneicosane (C21)	13.343	1871252	17.544 ug/ml
13) T n-Docosane (C22)	13.927	1834414	17.264 ug/ml
14) T n-Tetracosane (C24)	15.027	1786228	16.690 ug/ml
15) T n-Hexacosane (C26)	16.043	1732968	16.305 ug/ml
16) T n-Octacosane (C28)	16.988	1684335	16.088 ug/ml
17) T n-Tricontane (C30)	17.871	1630939	16.184 ug/ml
18) T n-Dotriacontane (C32)	18.700	1402673	16.390 ug/ml
19) T n-Tetratriacontane (C34)	19.480	1216270	16.758 ug/ml
20) T n-Hexatriacontane (C36)	20.216	1152877	17.047 ug/ml
21) T n-Octatriacontane (C38)	20.981	1133493	18.753 ug/ml
22) T n-Tetracontane (C40)	21.946	1156657	18.397 ug/ml

(f)=RT Delta > 1/2 Window

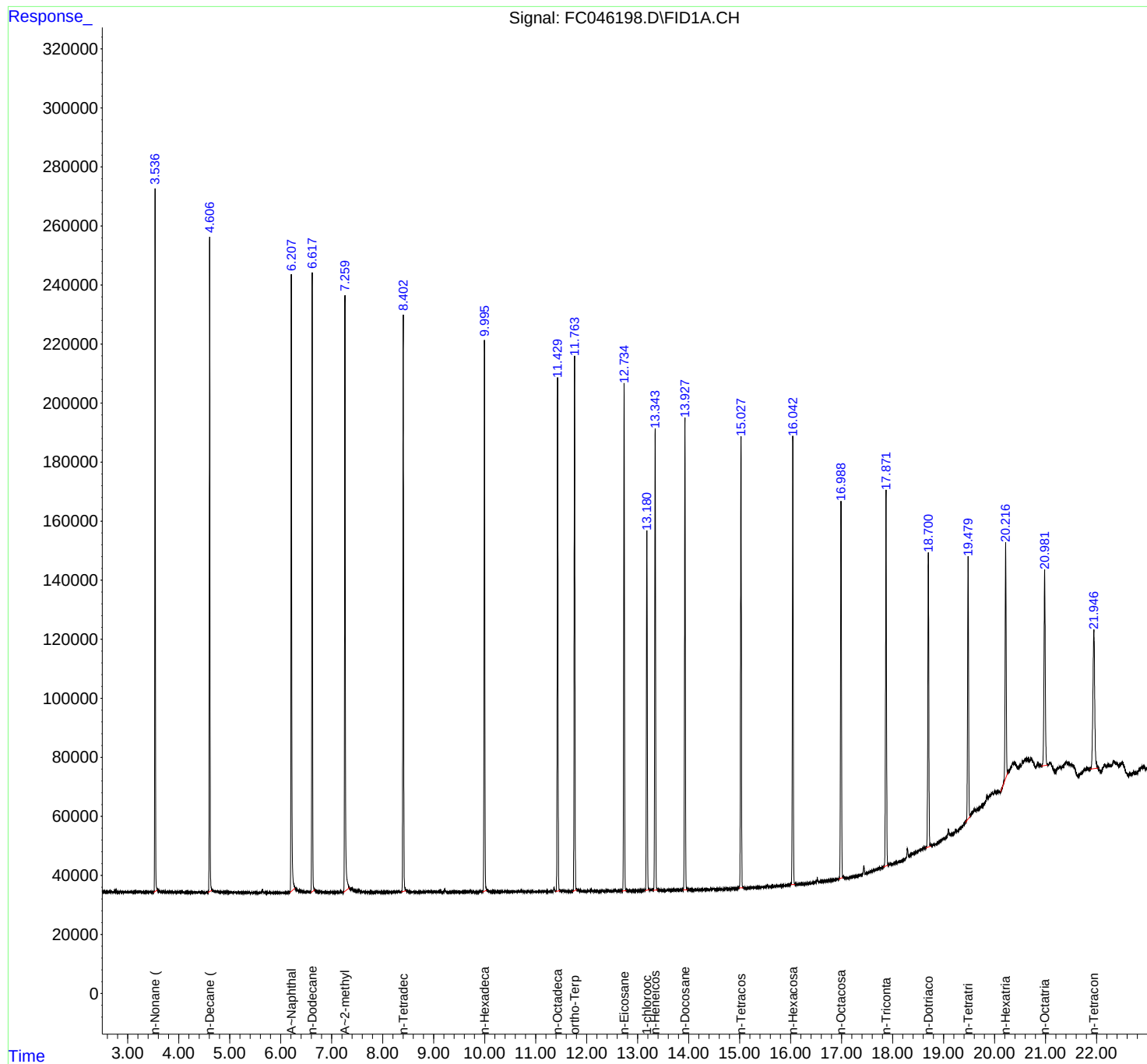
(m)=manual int.

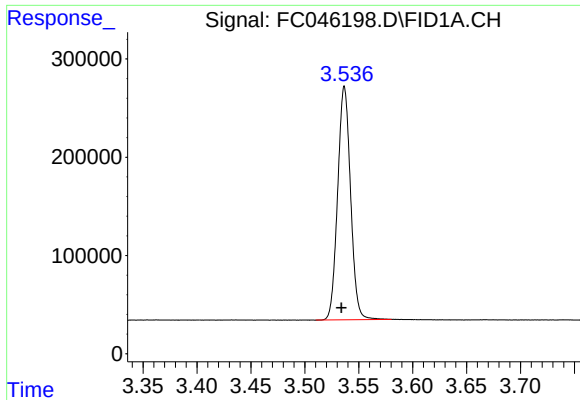
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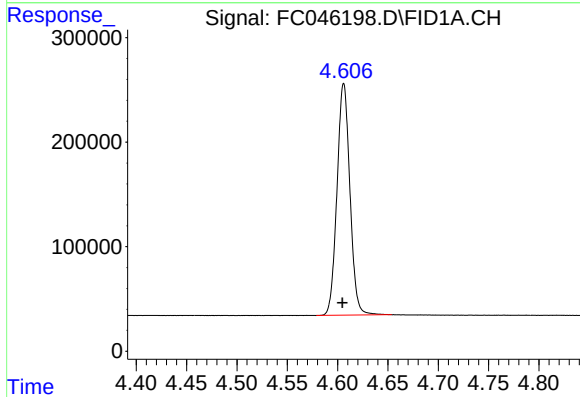




#1 n-Nonane (C9)

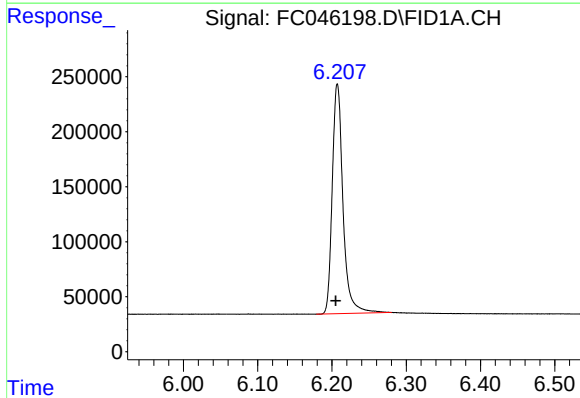
R.T.: 3.537 min
Delta R.T.: 0.003 min
Response: 1981303
Conc: 19.66 ug/ml

Instrument :
FID_C
ClientSampleId :



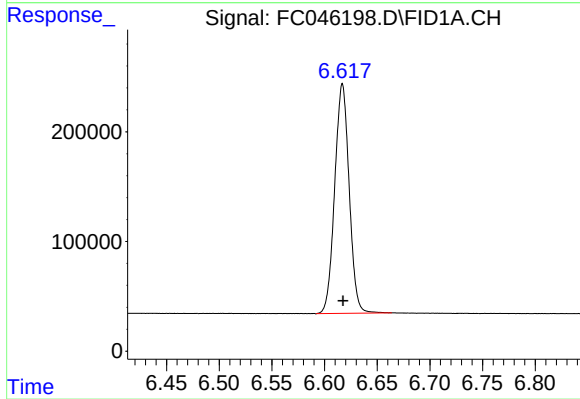
#2 n-Decane (C10)

R.T.: 4.606 min
Delta R.T.: 0.001 min
Response: 1981753
Conc: 19.65 ug/ml



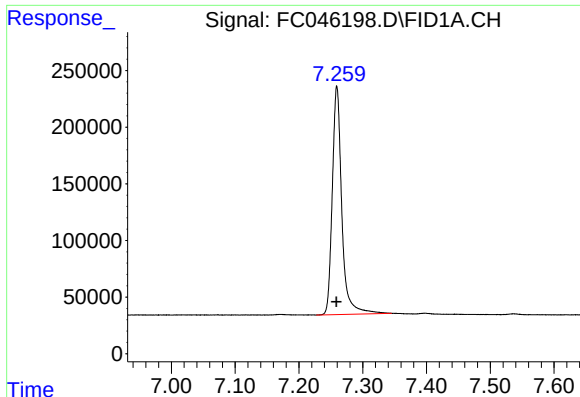
#3 A~Naphthalene (C11.7)

R.T.: 6.207 min
Delta R.T.: 0.002 min
Response: 2101562
Conc: 18.93 ug/ml



#4 n-Dodecane (C12)

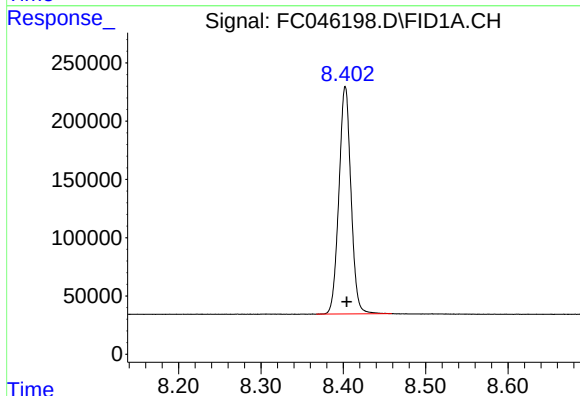
R.T.: 6.617 min
Delta R.T.: 0.000 min
Response: 2000408
Conc: 19.61 ug/ml



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

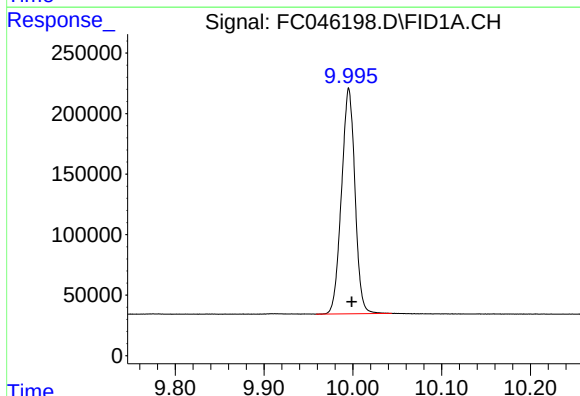
R.T.: 7.260 min
Delta R.T.: 0.001 min
Response: 2091880
Conc: 18.81 ug/ml

Instrument :
FID_C
ClientSampleId :



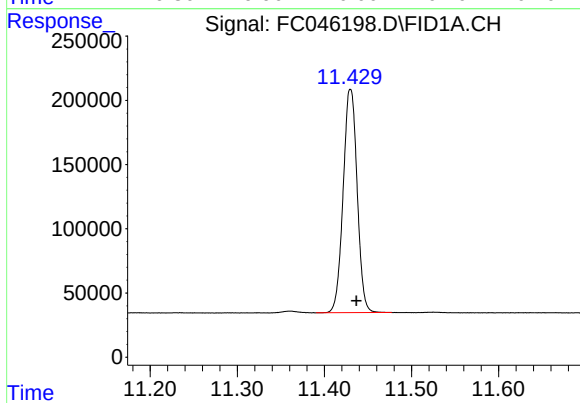
#6 n-Tetradecane (C14)

R.T.: 8.402 min
Delta R.T.: -0.002 min
Response: 1985093
Conc: 19.39 ug/ml



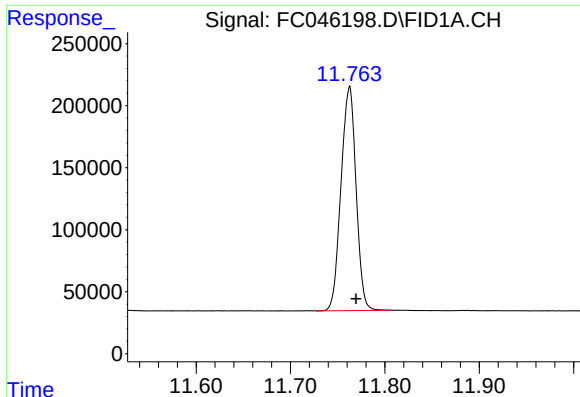
#7 n-Hexadecane (C16)

R.T.: 9.995 min
Delta R.T.: -0.003 min
Response: 1963699
Conc: 18.97 ug/ml



#8 n-Octadecane (C18)

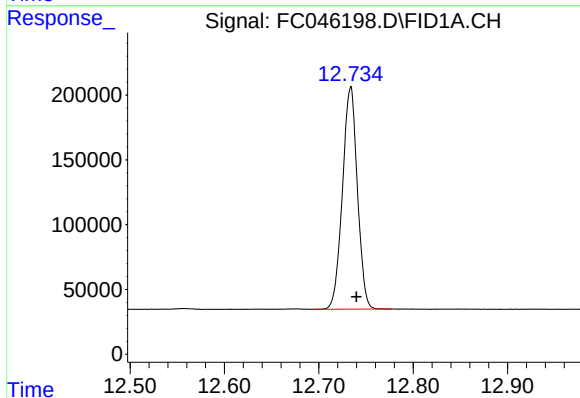
R.T.: 11.430 min
Delta R.T.: -0.007 min
Response: 1942136
Conc: 18.47 ug/ml



#9 ortho-Terphenyl (SURR)

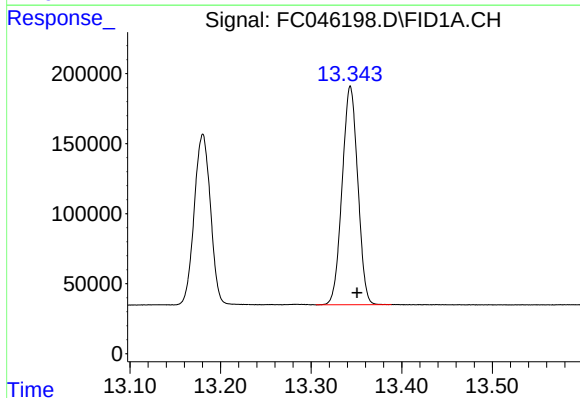
R.T.: 11.763 min
Delta R.T.: -0.007 min
Response: 2002666
Conc: 17.56 ug/ml

Instrument :
FID_C
ClientSampleId :



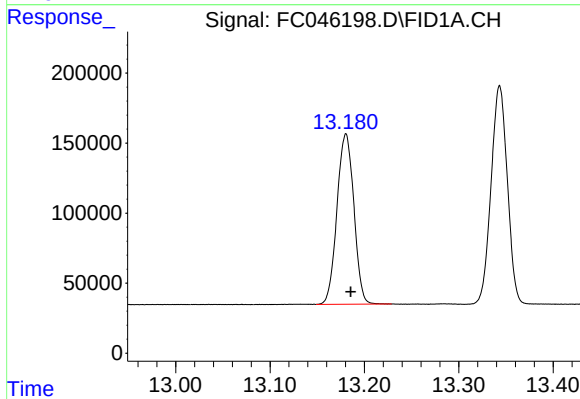
#10 n-Eicosane (C20)

R.T.: 12.734 min
Delta R.T.: -0.006 min
Response: 1886732
Conc: 17.85 ug/ml



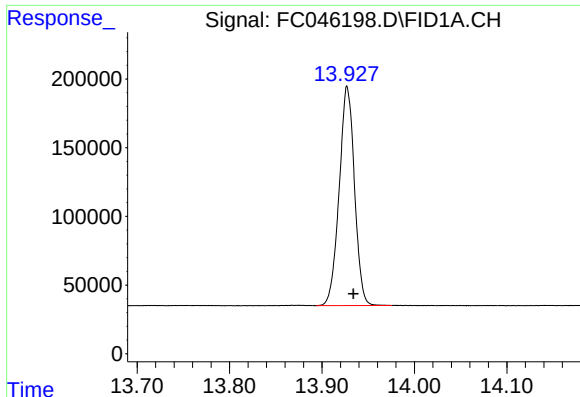
#11 n-Heneicosane (C21)

R.T.: 13.343 min
Delta R.T.: -0.007 min
Response: 1871252
Conc: 17.54 ug/ml



#12 1-chlorooctadecane (SURR)

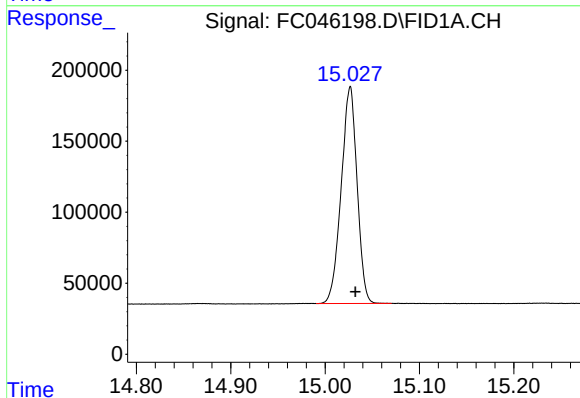
R.T.: 13.180 min
Delta R.T.: -0.005 min
Response: 1512632
Conc: 16.86 ug/ml



#13 n-Docosane (C22)

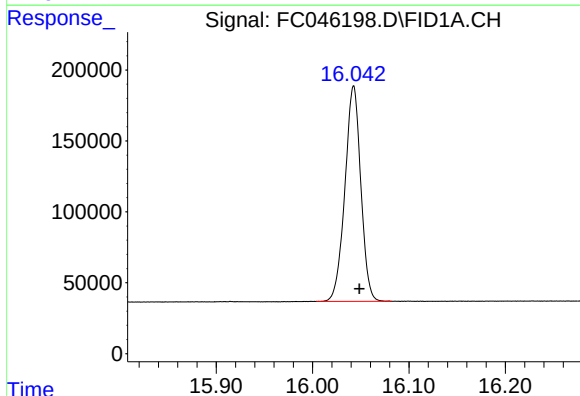
R.T.: 13.927 min
Delta R.T.: -0.007 min
Response: 1834414
Conc: 17.26 ug/ml

Instrument :
FID_C
ClientSampleId :



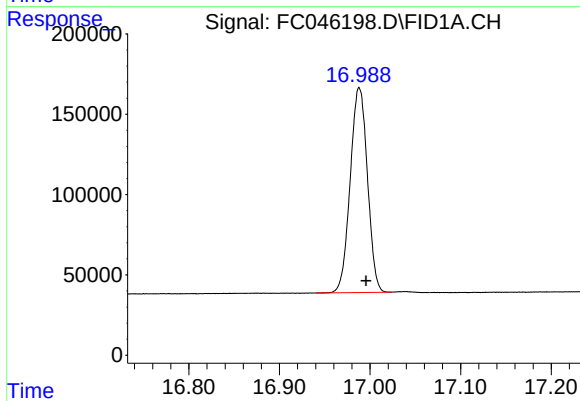
#14 n-Tetracosane (C24)

R.T.: 15.027 min
Delta R.T.: -0.006 min
Response: 1786228
Conc: 16.69 ug/ml



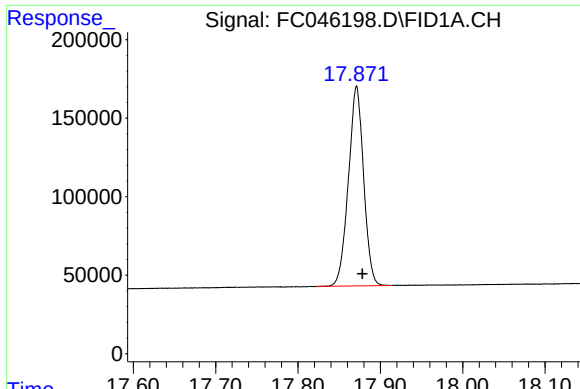
#15 n-Hexacosane (C26)

R.T.: 16.043 min
Delta R.T.: -0.006 min
Response: 1732968
Conc: 16.30 ug/ml



#16 n-Octacosane (C28)

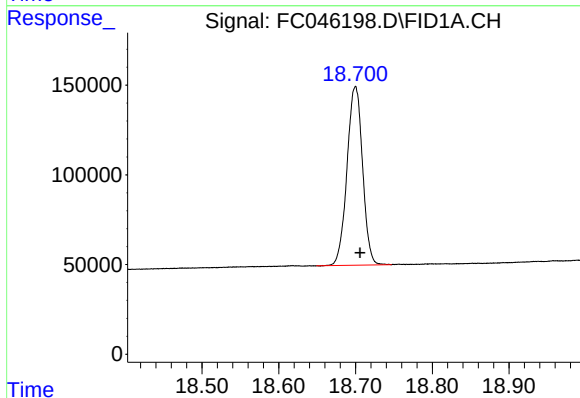
R.T.: 16.988 min
Delta R.T.: -0.008 min
Response: 1684335
Conc: 16.09 ug/ml



#17 n-Tricontane (C30)

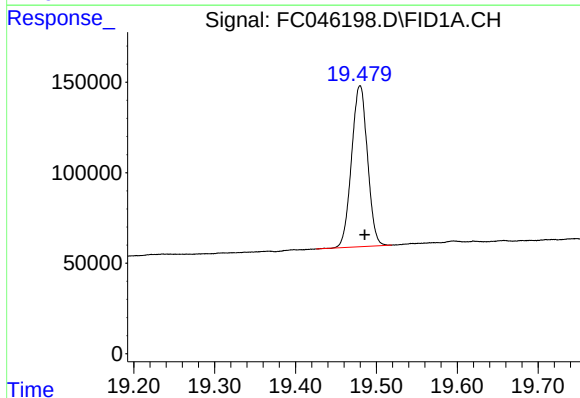
R.T.: 17.871 min
Delta R.T.: -0.007 min
Response: 1630939
Conc: 16.18 ug/ml

Instrument :
FID_C
ClientSampleId :



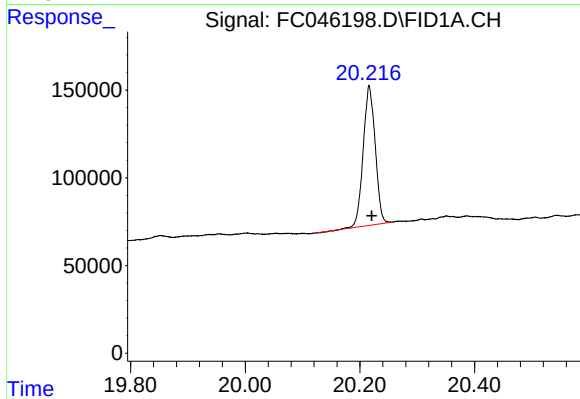
#18 n-Dotriacontane (C32)

R.T.: 18.700 min
Delta R.T.: -0.006 min
Response: 1402673
Conc: 16.39 ug/ml



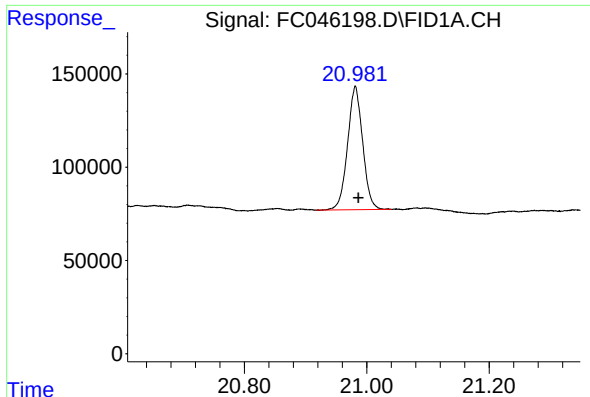
#19 n-Tetratriacontane (C34)

R.T.: 19.480 min
Delta R.T.: -0.006 min
Response: 1216270
Conc: 16.76 ug/ml



#20 n-Hexatriacontane (C36)

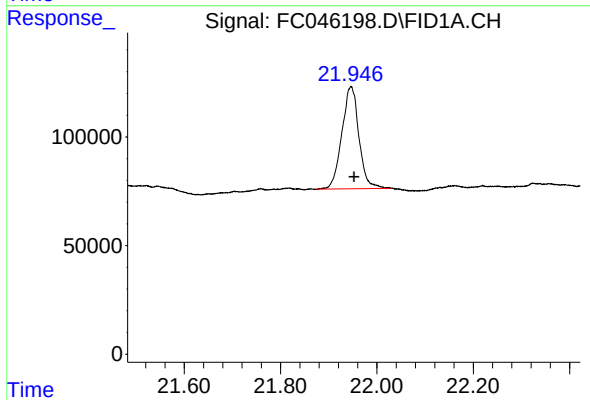
R.T.: 20.216 min
Delta R.T.: -0.004 min
Response: 1152877
Conc: 17.05 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.981 min
Delta R.T.: -0.005 min
Response: 1133493
Conc: 18.75 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.946 min
Delta R.T.: -0.007 min
Response: 1156657
Conc: 18.40 ug/ml