Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122719AL\
Data File : FC045098.D
Signal(s) : FID1A.CH
Acq On : 27 Dec 2019 21:35
Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: Dec 28 01:41:52 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 122319.M
Quant Title : GC Extractables
QLast Update : Tue Dec 24 03:02:13 2019
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)	11.759	2513122	22.158 ug/ml
Spiked Amount 50.000		Recovery =	44.32%
12) S 1-chlorooctadecane (S...	13.181	1964337	22.030 ug/ml
Spiked Amount 50.000		Recovery =	44.06%
Target Compounds			
1) T n-Nonane (C9)	3.514	2219968	22.046 ug/ml
2) T n-Decane (C10)	4.587	2248756	22.291 ug/ml
3) T A~Naphthalene (C11.7)	6.186	2503851	22.344 ug/ml
4) T n-Dodecane (C12)	6.604	2278525	22.385 ug/ml
5) T A~2-methylnaphthalene...	7.241	2530747	22.453 ug/ml
6) T n-Tetradecane (C14)	8.394	2293061	22.498 ug/ml
7) T n-Hexadecane (C16)	9.991	2313110	22.467 ug/ml
8) T n-Octadecane (C18)	11.429	2324937	22.356 ug/ml
10) T n-Eicosane (C20)	12.735	2322673	22.201 ug/ml
11) T n-Heneicosane (C21)	13.346	2331283	22.043 ug/ml
13) T n-Docosane (C22)	13.930	2315178	21.897 ug/ml
14) T n-Tetracosane (C24)	15.031	2299044	21.518 ug/ml
15) T n-Hexacosane (C26)	16.049	2237956	20.984 ug/ml
16) T n-Octacosane (C28)	16.998	2163590	20.487 ug/ml
17) T n-Tricontane (C30)	17.882	2042822	20.040 ug/ml
18) T n-Dotriacontane (C32)	18.712	1694963	19.593 ug/ml
19) T n-Tetratriacontane (C34)	19.494	1404008	19.165 ug/ml
20) T n-Hexatriacontane (C36)	20.232	1244957	18.944 ug/ml
21) T n-Octatriacontane (C38)	21.001	1141486	19.327 ug/ml
22) T n-Tetracontane (C40)	21.968	1165080	19.700 ug/ml

(f)=RT Delta > 1/2 Window (m)=manual int.

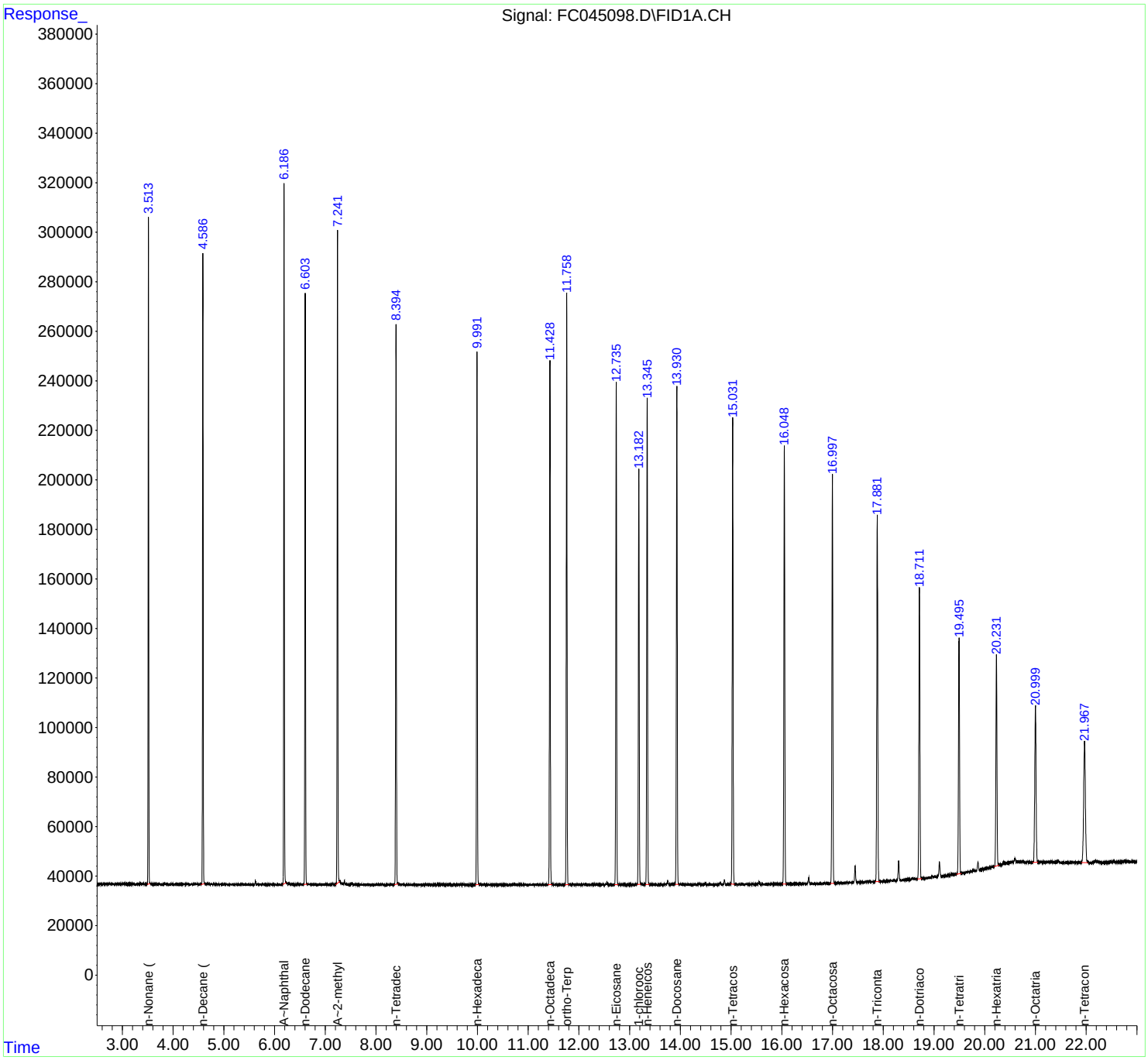
Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC122719AL\
Data File : FC045098.D
Signal(s) : FID1A.CH
Acq On : 27 Dec 2019 21:35
Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

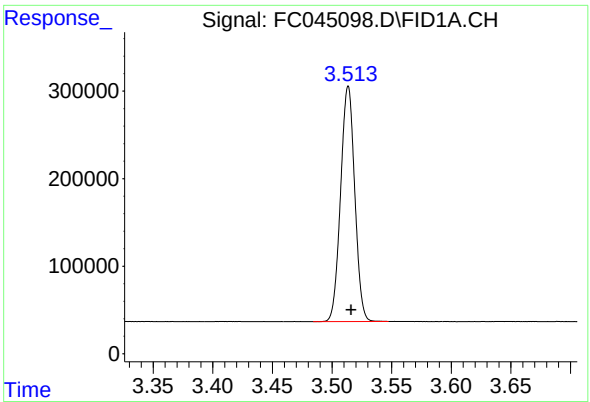
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
Quant Time: Dec 28 01:41:52 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 122319.M
Quant Title : GC Extractables
QLast Update : Tue Dec 24 03:02:13 2019
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

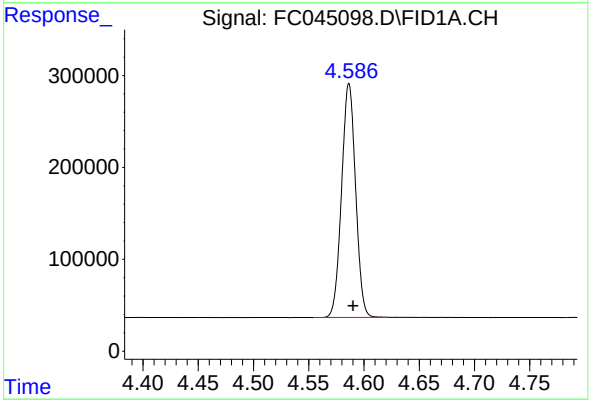


Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



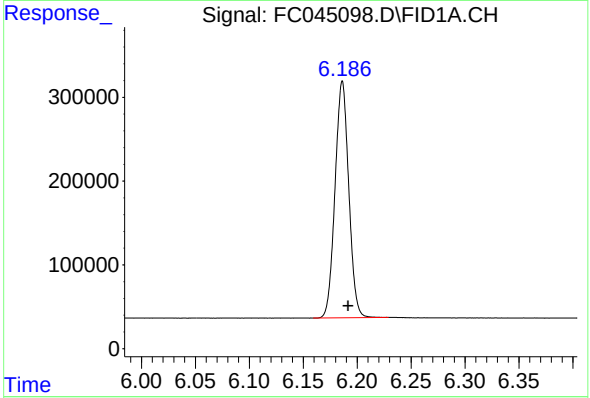
#1 n-Nonane (C9)

```
      R.T.:    3.514 min
Delta R.T.:   -0.002 min
  Response:   2219968
      Conc:  22.05 ug/ml
```



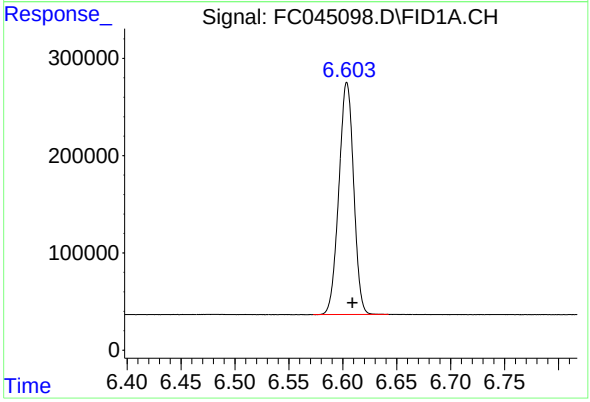
#2 n-Decane (C10)

```
      R.T.:    4.587 min
Delta R.T.:   -0.003 min
  Response:   2248756
      Conc:  22.29 ug/ml
```



#3 A~Naphthalene (C11.7)

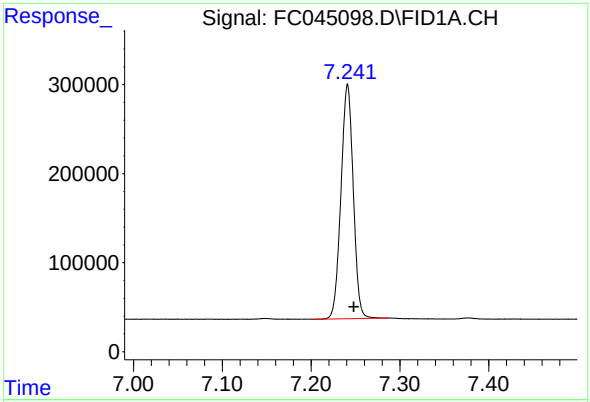
```
      R.T.:    6.186 min
Delta R.T.:   -0.005 min
  Response:   2503851
      Conc:  22.34 ug/ml
```



#4 n-Dodecane (C12)

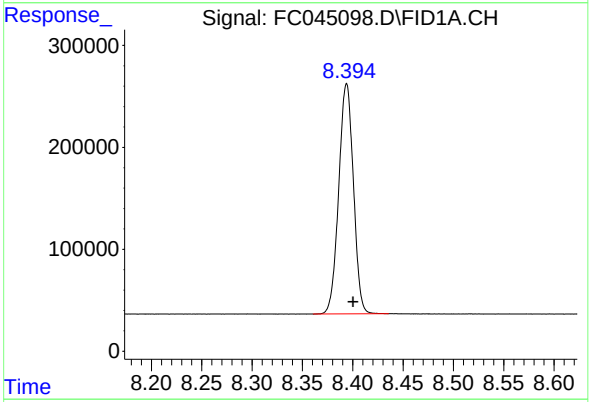
```
      R.T.:    6.604 min
Delta R.T.:   -0.005 min
  Response:   2278525
      Conc:  22.39 ug/ml
```

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



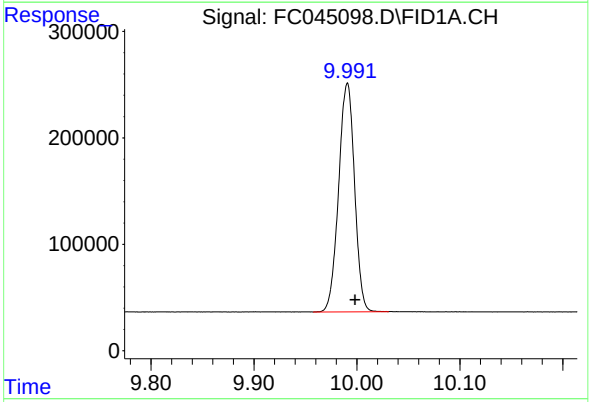
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.241 min
Delta R.T.: -0.007 min
Response: 2530747
Conc: 22.45 ug/ml



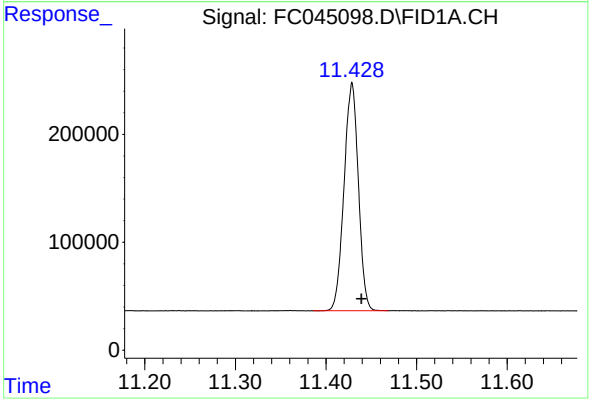
#6 n-Tetradecane (C14)

R.T.: 8.394 min
Delta R.T.: -0.006 min
Response: 2293061
Conc: 22.50 ug/ml



#7 n-Hexadecane (C16)

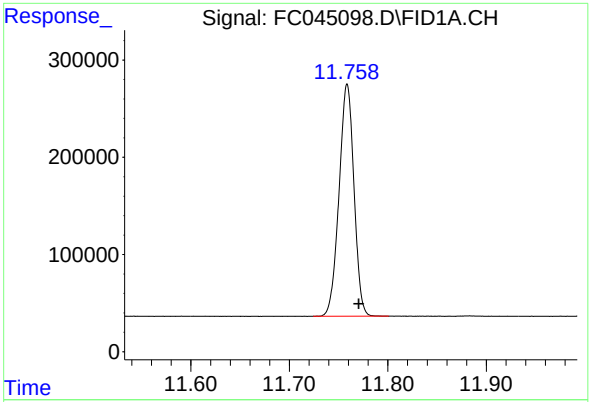
R.T.: 9.991 min
Delta R.T.: -0.008 min
Response: 2313110
Conc: 22.47 ug/ml



#8 n-Octadecane (C18)

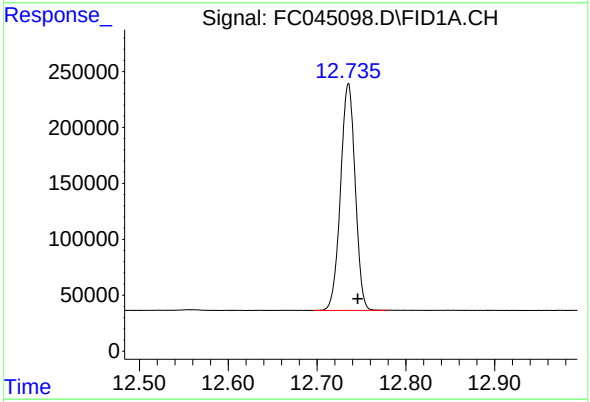
R.T.: 11.429 min
Delta R.T.: -0.010 min
Response: 2324937
Conc: 22.36 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



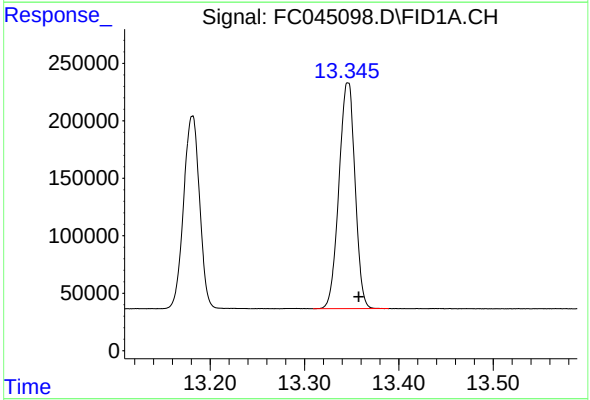
#9 ortho-Terphenyl (SURR)

R.T.: 11.759 min
Delta R.T.: -0.012 min
Response: 2513122
Conc: 22.16 ug/ml



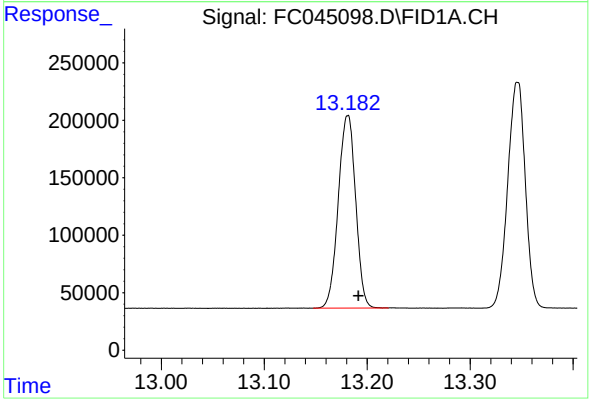
#10 n-Eicosane (C20)

R.T.: 12.735 min
Delta R.T.: -0.011 min
Response: 2322673
Conc: 22.20 ug/ml



#11 n-Heneicosane (C21)

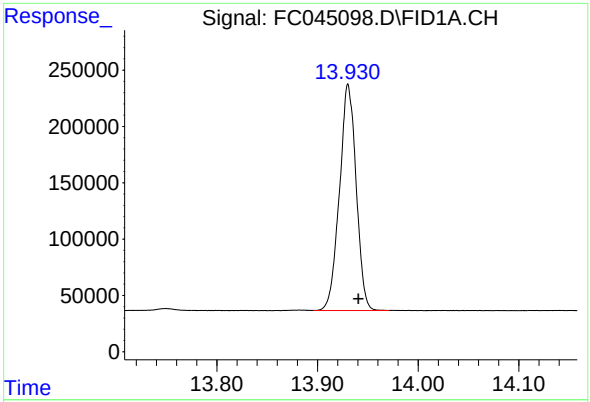
R.T.: 13.346 min
Delta R.T.: -0.011 min
Response: 2331283
Conc: 22.04 ug/ml



#12 1-chlorooctadecane (SURR)

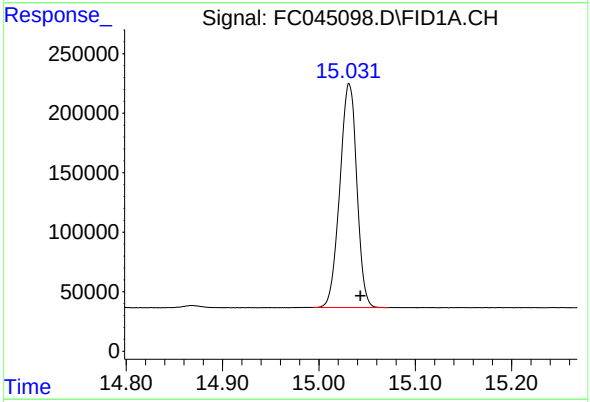
R.T.: 13.181 min
Delta R.T.: -0.010 min
Response: 1964337
Conc: 22.03 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



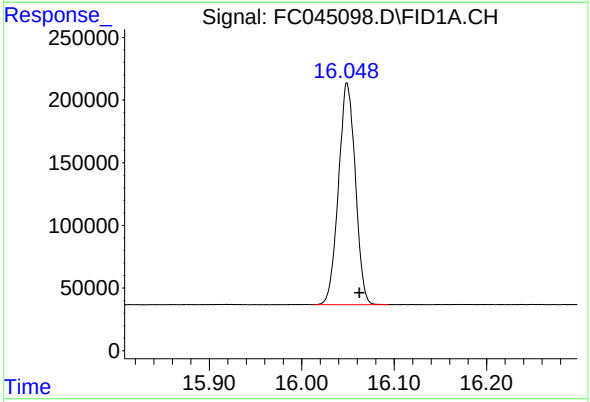
#13 n-Docosane (C22)

R.T.: 13.930 min
Delta R.T.: -0.010 min
Response: 2315178
Conc: 21.90 ug/ml



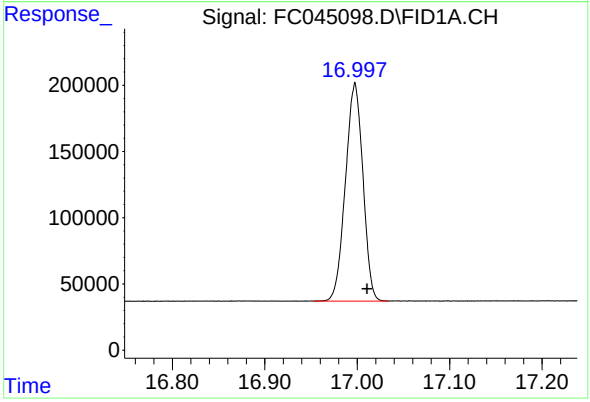
#14 n-Tetracosane (C24)

R.T.: 15.031 min
Delta R.T.: -0.012 min
Response: 2299044
Conc: 21.52 ug/ml



#15 n-Hexacosane (C26)

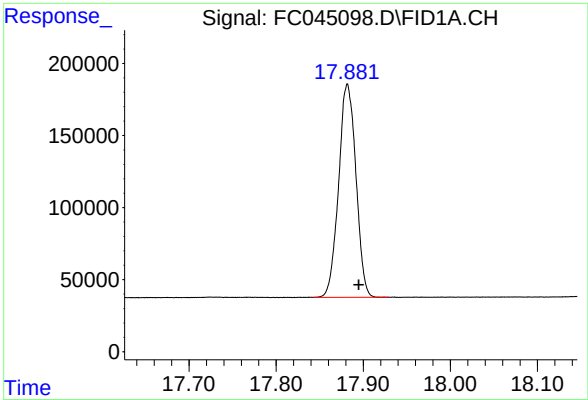
R.T.: 16.049 min
Delta R.T.: -0.013 min
Response: 2237956
Conc: 20.98 ug/ml



#16 n-Octacosane (C28)

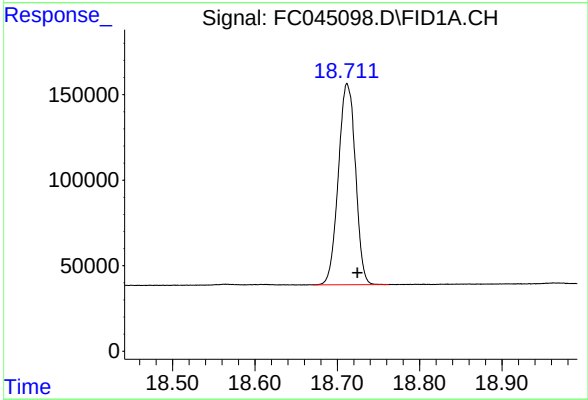
R.T.: 16.998 min
Delta R.T.: -0.013 min
Response: 2163590
Conc: 20.49 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



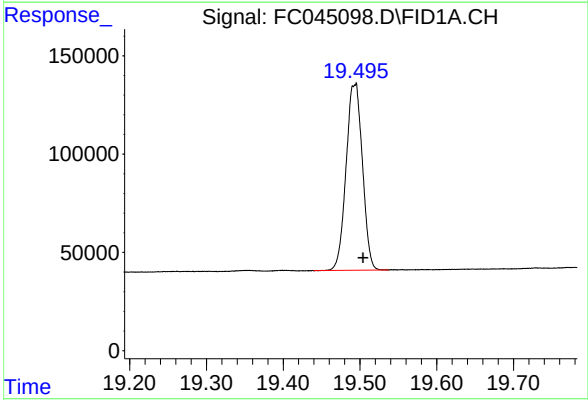
#17 n-Tricontane (C30)

R.T.: 17.882 min
Delta R.T.: -0.013 min
Response: 2042822
Conc: 20.04 ug/ml



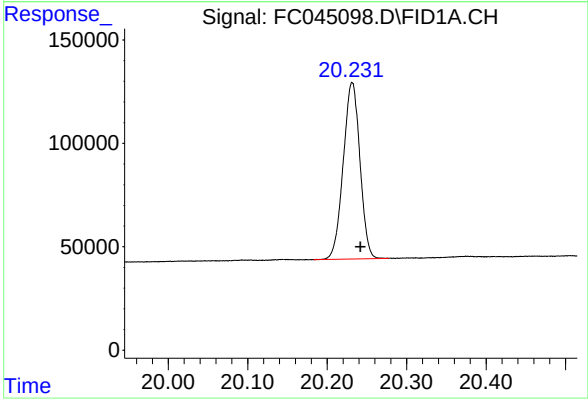
#18 n-Dotriacontane (C32)

R.T.: 18.712 min
Delta R.T.: -0.012 min
Response: 1694963
Conc: 19.59 ug/ml



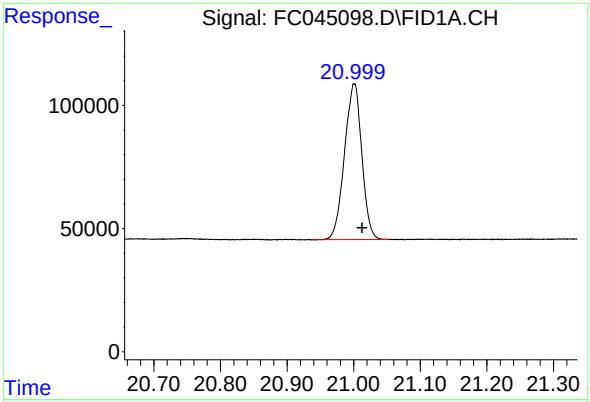
#19 n-Tetratriacontane (C34)

R.T.: 19.494 min
Delta R.T.: -0.011 min
Response: 1404008
Conc: 19.17 ug/ml



#20 n-Hexatriacontane (C36)

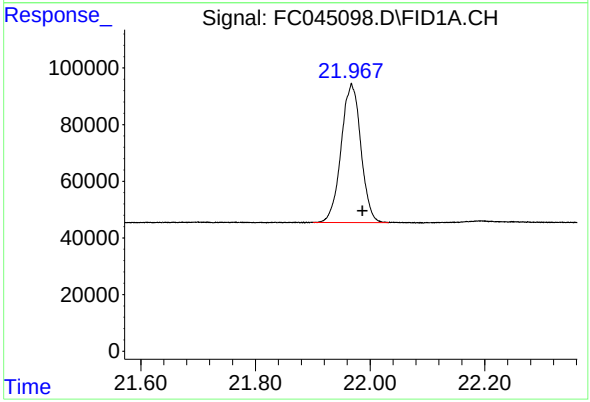
R.T.: 20.232 min
Delta R.T.: -0.010 min
Response: 1244957
Conc: 18.94 ug/ml



#21 n-Octatriacontane (C38)

```
      R.T.:   21.001 min
Delta R.T.:   -0.012 min
  Response:   1141486
      Conc:  19.33 ug/ml
```

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

```
      R.T.:   21.968 min
Delta R.T.:   -0.019 min
  Response:   1165080
      Conc:  19.70 ug/ml
```