

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 :  
 20 PPM ALIPHATIC HC STD

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

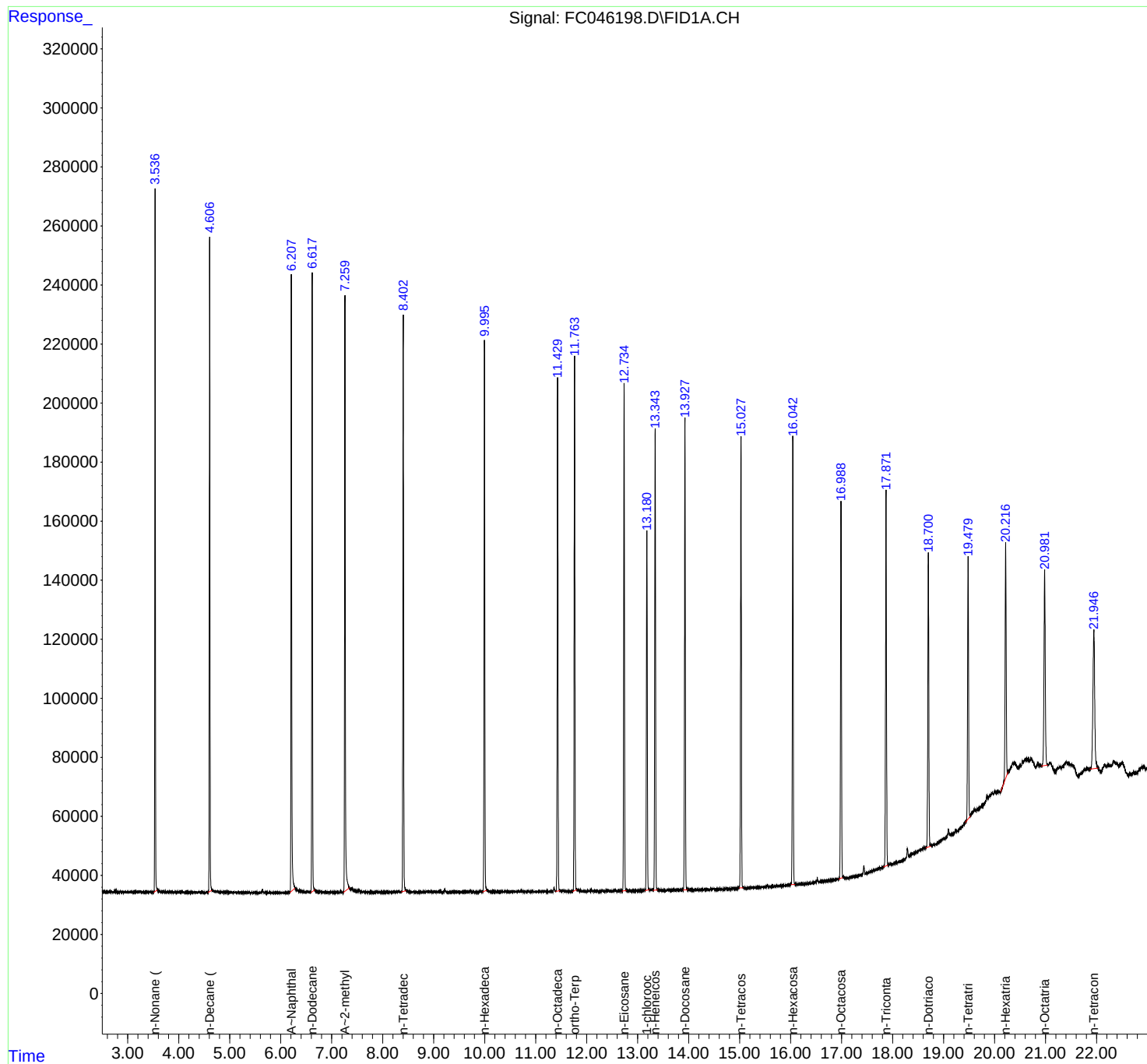
(m)=manual int.

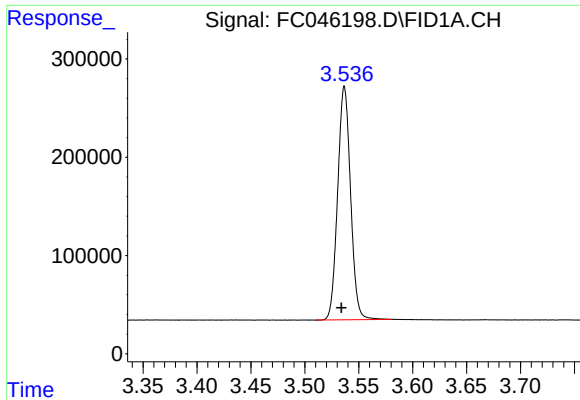
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC030920AL\  
Data File : FC046198.D  
Signal(s) : FID1A.CH  
Acq On : 09 Mar 2020 10:10  
Operator : DD\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
FID\_C  
ClientSampled :  
20 PPM ALIPHATIC HC STD

Integration File: autoint1.e  
Quant Time: Mar 10 08:44:09 2020  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic 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

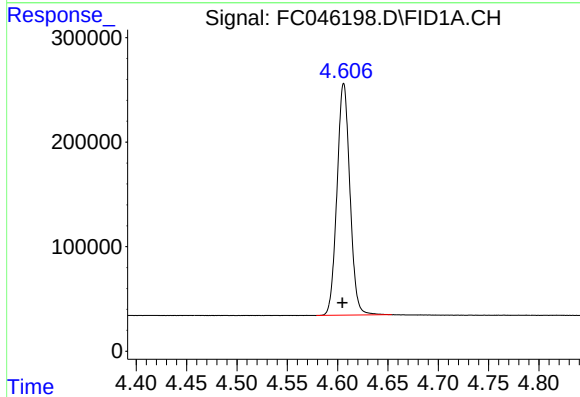




#1 n-Nonane (C9)

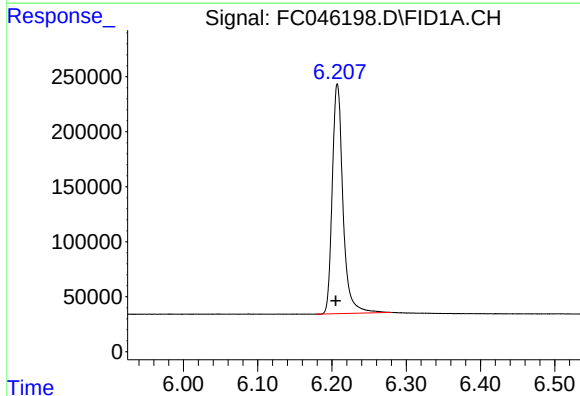
R.T.: 3.537 min  
Delta R.T.: 0.003 min  
Response: 1981303  
Conc: 19.66 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



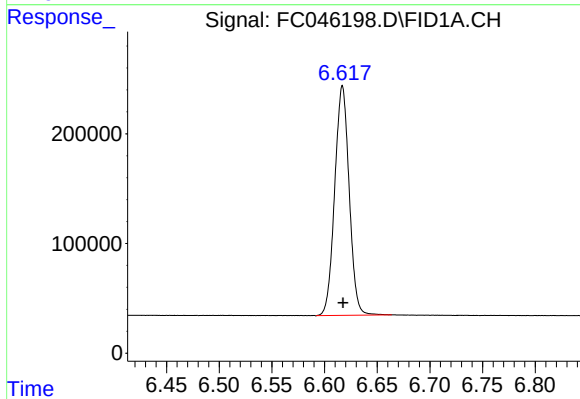
#2 n-Decane (C10)

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



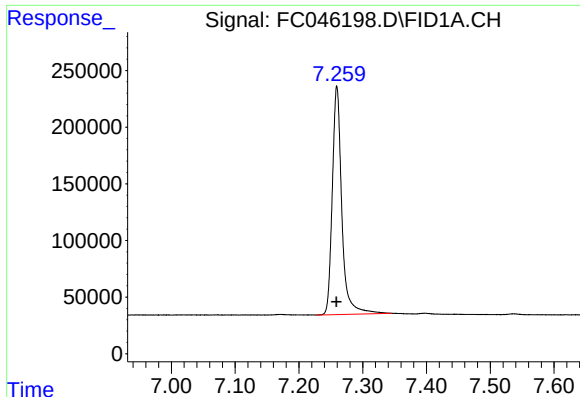
#3 A~Naphthalene (C11.7)

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



#4 n-Dodecane (C12)

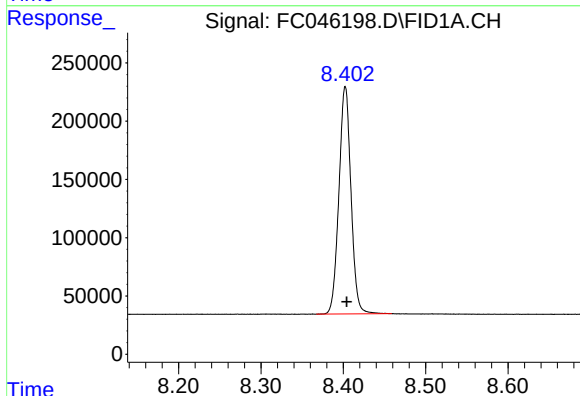
R.T.: 6.617 min  
Delta R.T.: 0.000 min  
Response: 2000408  
Conc: 19.61 ug/ml



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

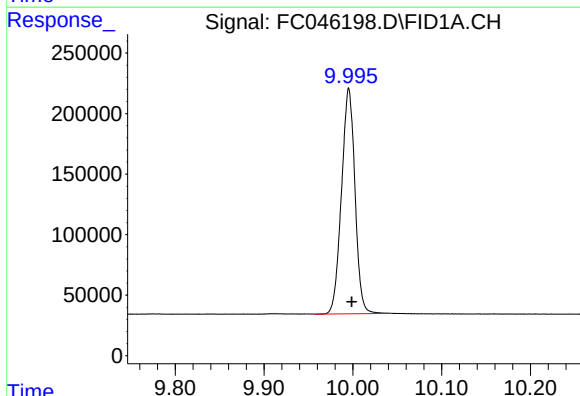
R.T.: 7.260 min  
Delta R.T.: 0.001 min  
Response: 2091880  
Conc: 18.81 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



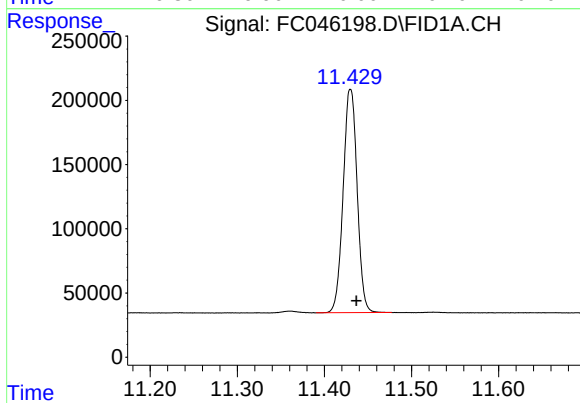
#6 n-Tetradecane (C14)

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



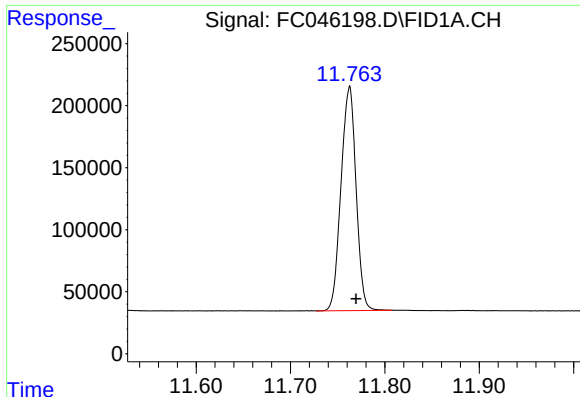
#7 n-Hexadecane (C16)

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



#8 n-Octadecane (C18)

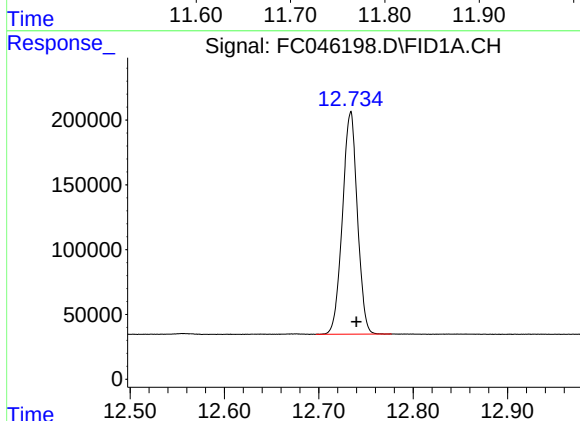
R.T.: 11.430 min  
Delta R.T.: -0.007 min  
Response: 1942136  
Conc: 18.47 ug/ml



#9 ortho-Terphenyl (SURR)

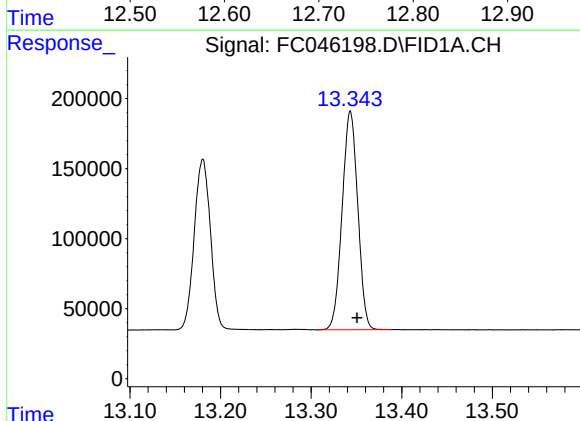
R.T.: 11.763 min  
Delta R.T.: -0.007 min  
Response: 2002666  
Conc: 17.56 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



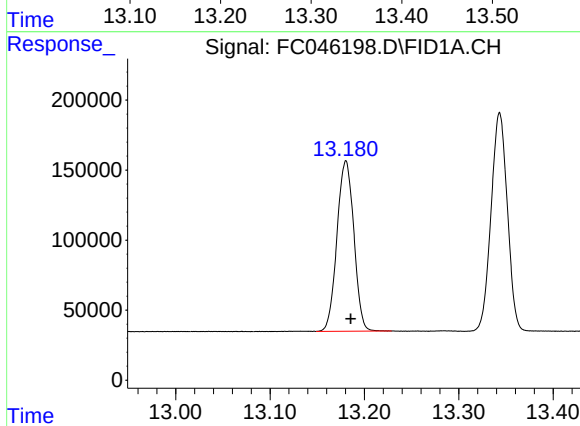
#10 n-Eicosane (C20)

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



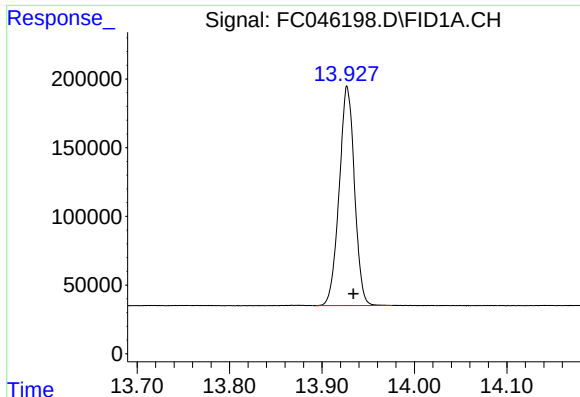
#11 n-Heneicosane (C21)

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



#12 1-chlorooctadecane (SURR)

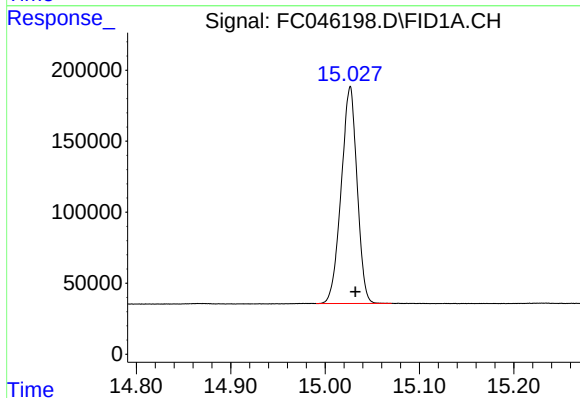
R.T.: 13.180 min  
Delta R.T.: -0.005 min  
Response: 1512632  
Conc: 16.86 ug/ml



#13 n-Docosane (C22)

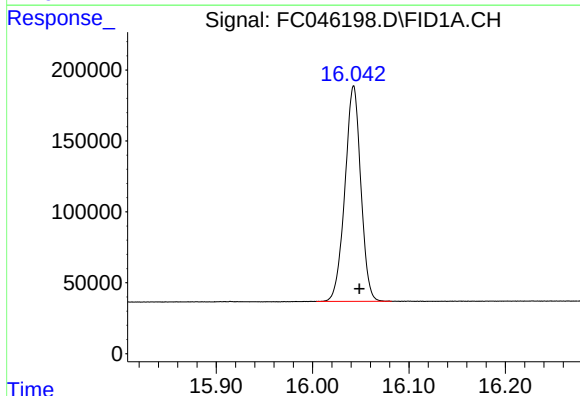
R.T.: 13.927 min  
Delta R.T.: -0.007 min  
Response: 1834414  
Conc: 17.26 ug/ml

Instrument :  
FID\_C  
ClientSampleId :  
20 PPM ALIPHATIC HC STD



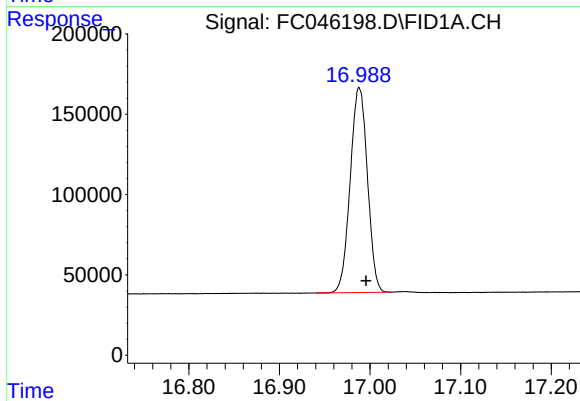
#14 n-Tetracosane (C24)

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



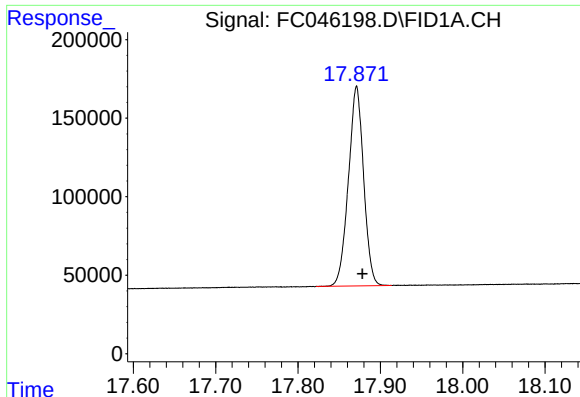
#15 n-Hexacosane (C26)

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



#16 n-Octacosane (C28)

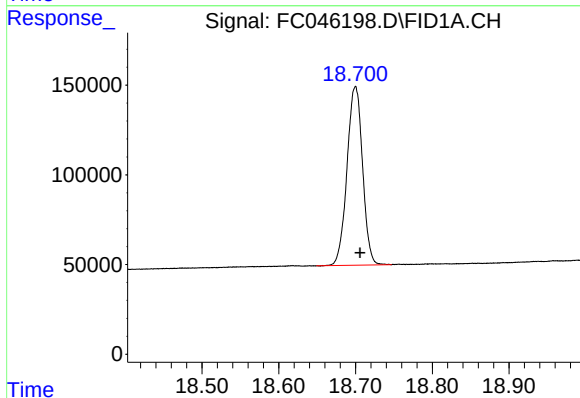
R.T.: 16.988 min  
Delta R.T.: -0.008 min  
Response: 1684335  
Conc: 16.09 ug/ml



#17 n-Tricontane (C30)

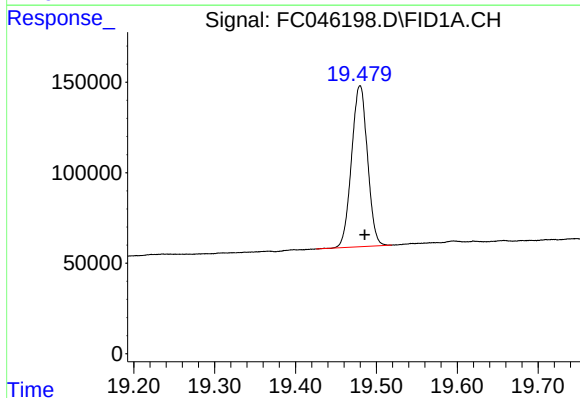
R.T.: 17.871 min  
Delta R.T.: -0.007 min  
Response: 1630939  
Conc: 16.18 ug/ml

Instrument :  
FID\_C  
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20 PPM ALIPHATIC HC STD



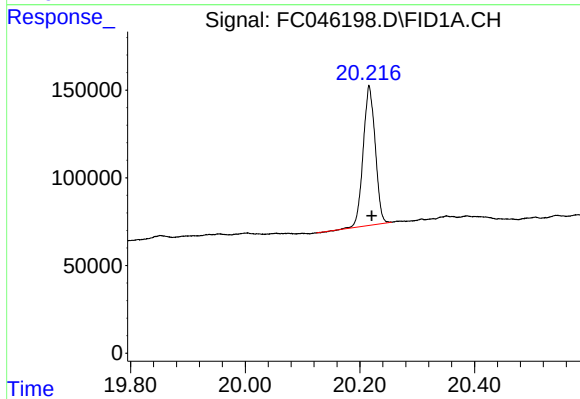
#18 n-Dotriacontane (C32)

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



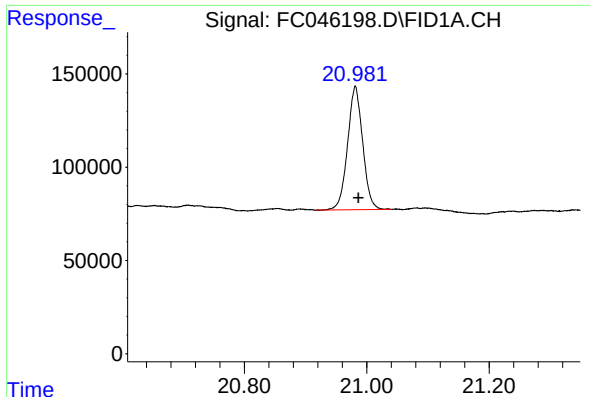
#19 n-Tetratriacontane (C34)

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



#20 n-Hexatriacontane (C36)

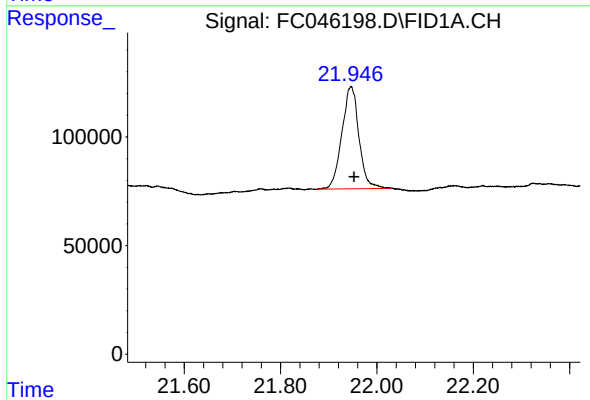
R.T.: 20.216 min  
Delta R.T.: -0.004 min  
Response: 1152877  
Conc: 17.05 ug/ml



#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 :  
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

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