

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC020619AL\  
 Data File : FC039007.D  
 Signal(s) : FID1A.CH  
 Acq On : 07 Feb 2019 5:00  
 Operator : AJ\SJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Feb 07 10:46:01 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 020619.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Feb 07 03:09:34 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)    | 11.229 | 3169239    | 20.271 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.54%       |
| 12) S 1-chlorooctadecane (S... | 12.672 | 2356591    | 19.986 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.97%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.082  | 2141331    | 20.631 ug/ml |
| 2) T n-Decane (C10)            | 4.135  | 2144872    | 20.809 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.692  | 2342561    | 20.876 ug/ml |
| 4) T n-Dodecane (C12)          | 6.136  | 2194475    | 20.770 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.741  | 2245261    | 20.192 ug/ml |
| 6) T n-Tetradecane (C14)       | 7.916  | 2298896    | 21.111 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.504  | 2396783    | 21.309 ug/ml |
| 8) T n-Octadecane (C18)        | 10.935 | 2437264    | 20.818 ug/ml |
| 10) T n-Eicosane (C20)         | 12.235 | 2424878    | 20.362 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.842 | 2377025    | 20.198 ug/ml |
| 13) T n-Docosane (C22)         | 13.425 | 2341641    | 19.867 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.522 | 2295256    | 19.463 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.538 | 2240059    | 19.266 ug/ml |
| 16) T n-Octacosane (C28)       | 16.481 | 2229826    | 19.133 ug/ml |
| 17) T n-Tricontane (C30)       | 17.364 | 2207085    | 19.017 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.192 | 2198547    | 20.216 ug/ml |
| 19) T n-Tetratriacontane (C34) | 18.971 | 1892995    | 20.439 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.708 | 1680189    | 21.153 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.406 | 1526186    | 20.781 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.195 | 1604479    | 21.503 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

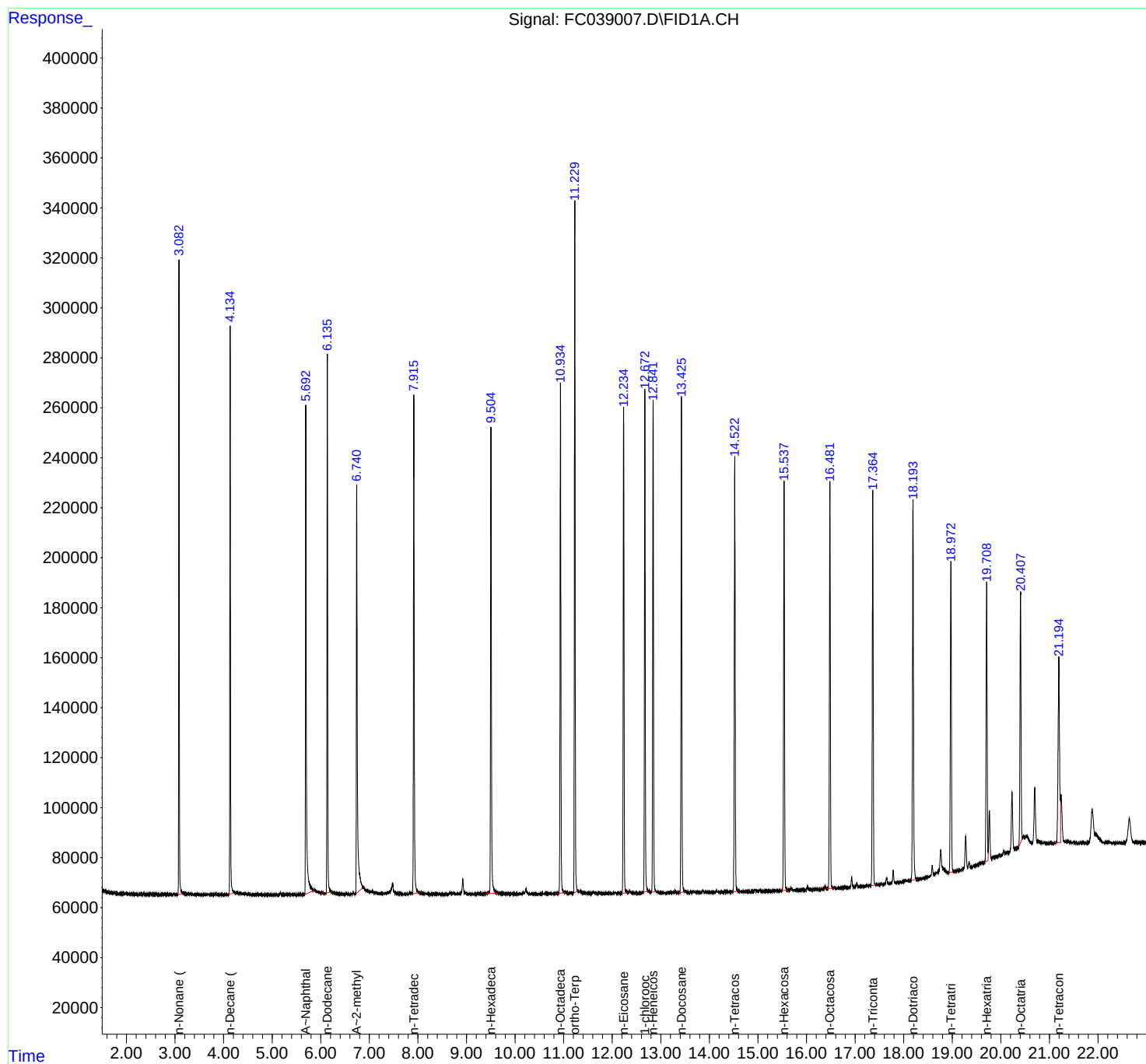
(m)=manual int.

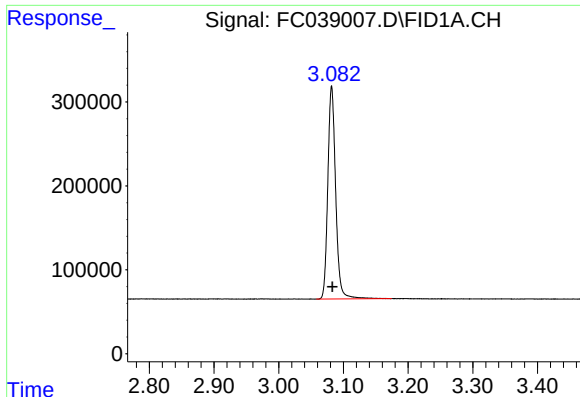
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC020619AL\  
Data File : FC039007.D  
Signal(s) : FID1A.CH  
Acq On : 07 Feb 2019 5:00  
Operator : AJ\SJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
FID\_C  
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20 PPM ALIPHATIC HC STD

Integration File: autoint1.e  
Quant Time: Feb 07 10:46:01 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 020619.M  
Quant Title : GC Extractables  
QLast Update : Thu Feb 07 03:09:34 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

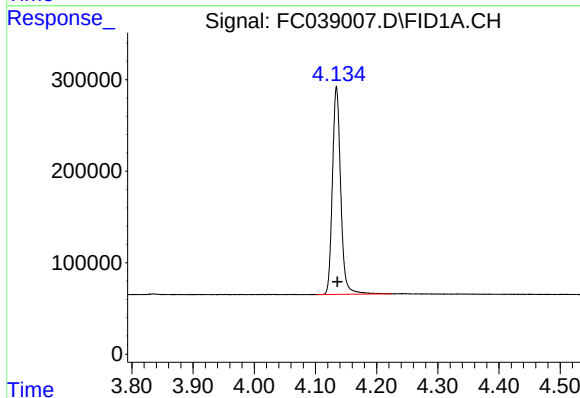




#1 n-Nonane (C9)

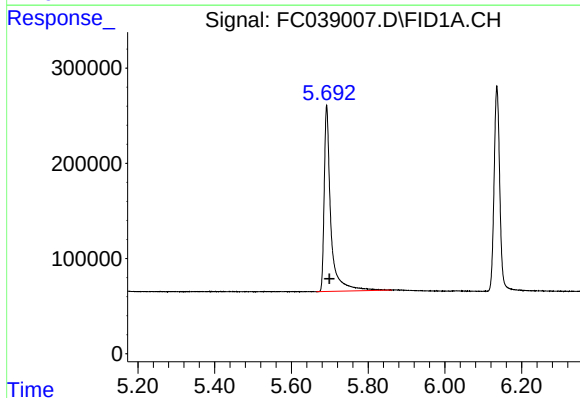
R.T.: 3.082 min  
Delta R.T.: -0.001 min  
Response: 2141331  
Conc: 20.63 ug/ml

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



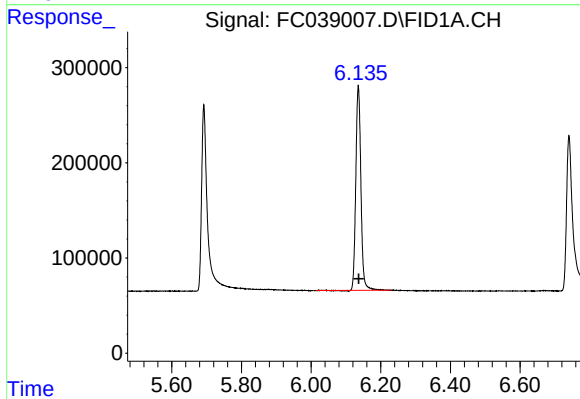
#2 n-Decane (C10)

R.T.: 4.135 min  
Delta R.T.: -0.001 min  
Response: 2144872  
Conc: 20.81 ug/ml



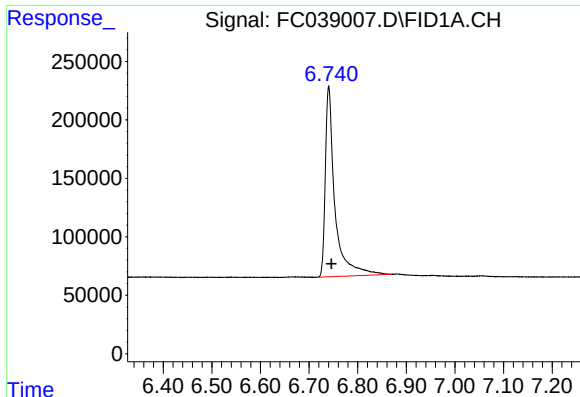
#3 A~Naphthalene (C11.7)

R.T.: 5.692 min  
Delta R.T.: -0.007 min  
Response: 2342561  
Conc: 20.88 ug/ml



#4 n-Dodecane (C12)

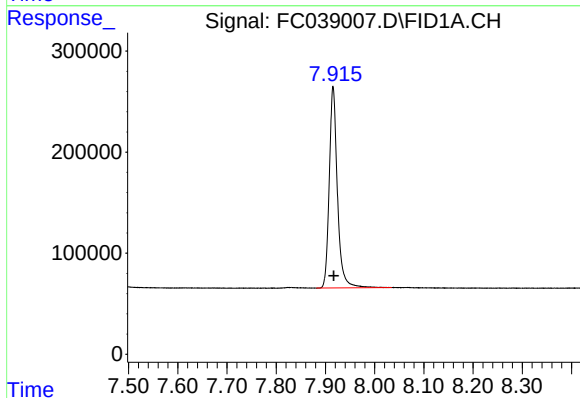
R.T.: 6.136 min  
Delta R.T.: -0.001 min  
Response: 2194475  
Conc: 20.77 ug/ml



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

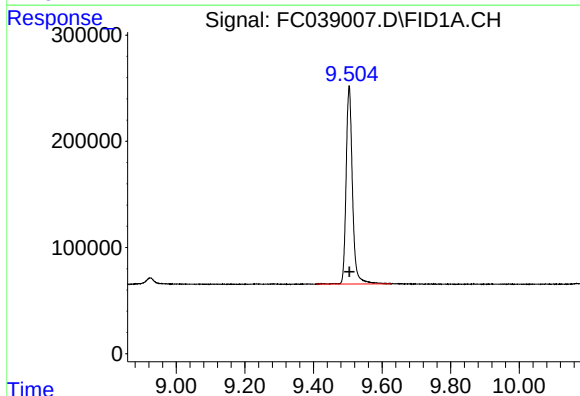
R.T.: 6.741 min  
Delta R.T.: -0.005 min  
Response: 2245261  
Conc: 20.19 ug/ml

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



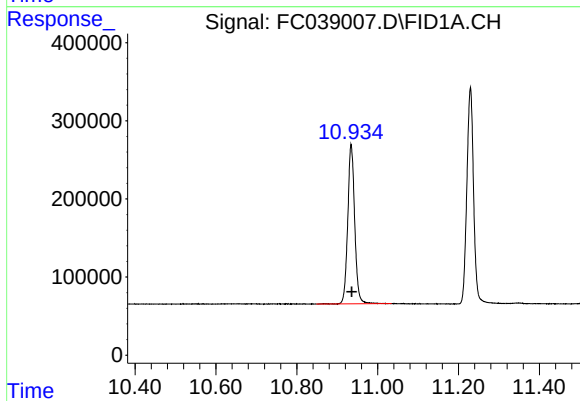
#6 n-Tetradecane (C14)

R.T.: 7.916 min  
Delta R.T.: -0.001 min  
Response: 2298896  
Conc: 21.11 ug/ml



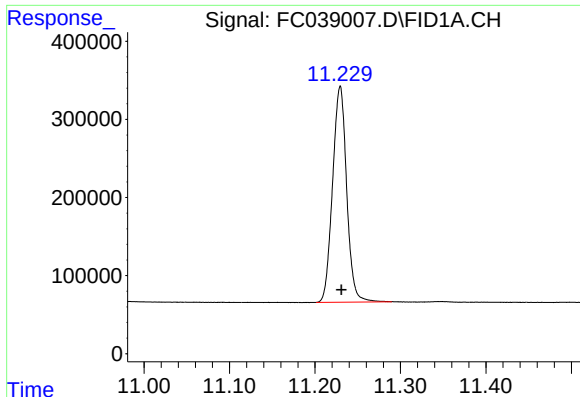
#7 n-Hexadecane (C16)

R.T.: 9.504 min  
Delta R.T.: 0.000 min  
Response: 2396783  
Conc: 21.31 ug/ml



#8 n-Octadecane (C18)

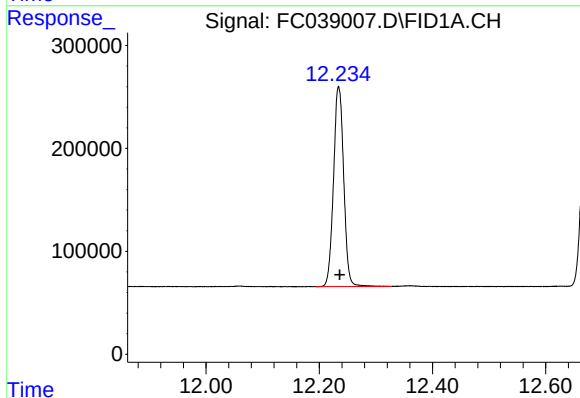
R.T.: 10.935 min  
Delta R.T.: -0.001 min  
Response: 2437264  
Conc: 20.82 ug/ml



#9 ortho-Terphenyl (SURR)

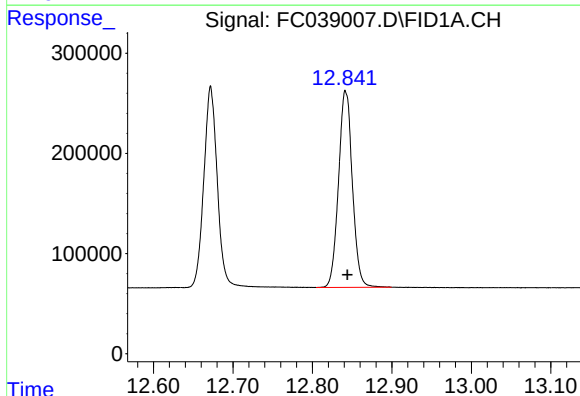
R.T.: 11.229 min  
Delta R.T.: -0.002 min  
Response: 3169239  
Conc: 20.27 ug/ml

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



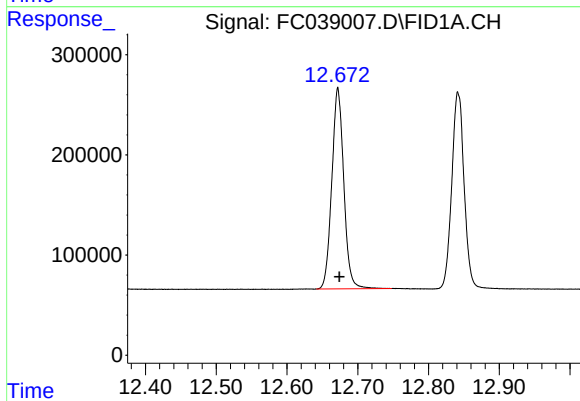
#10 n-Eicosane (C20)

R.T.: 12.235 min  
Delta R.T.: -0.002 min  
Response: 2424878  
Conc: 20.36 ug/ml



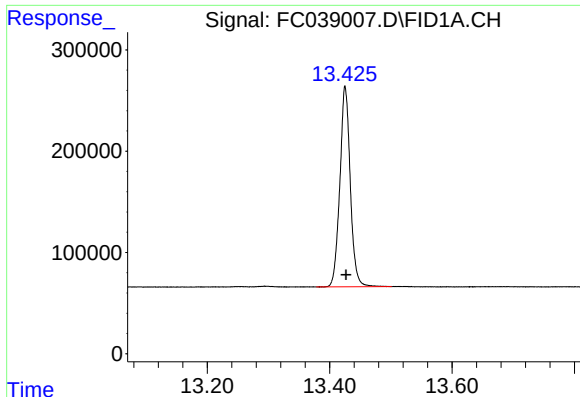
#11 n-Heneicosane (C21)

R.T.: 12.842 min  
Delta R.T.: -0.002 min  
Response: 2377025  
Conc: 20.20 ug/ml



#12 1-chlorooctadecane (SURR)

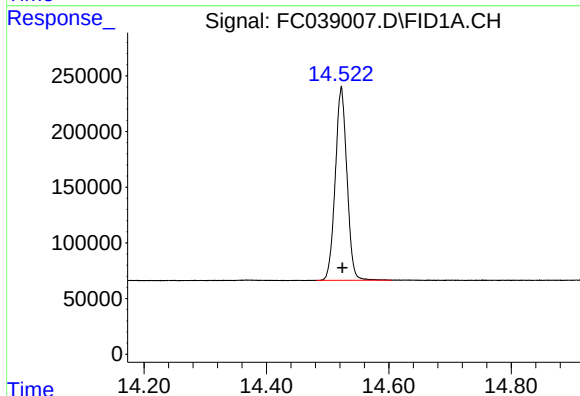
R.T.: 12.672 min  
Delta R.T.: -0.002 min  
Response: 2356591  
Conc: 19.99 ug/ml



#13 n-Docosane (C22)

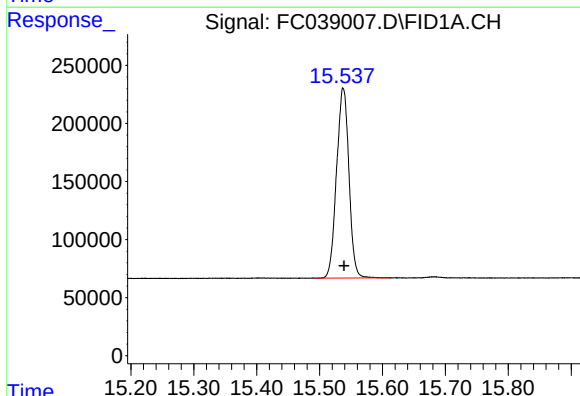
R.T.: 13.425 min  
Delta R.T.: -0.002 min  
Response: 2341641  
Conc: 19.87 ug/ml

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



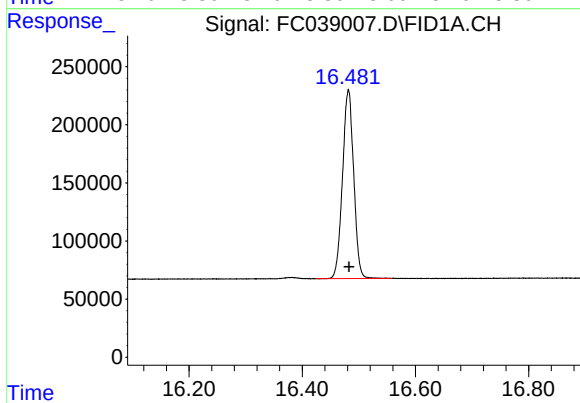
#14 n-Tetracosane (C24)

R.T.: 14.522 min  
Delta R.T.: -0.002 min  
Response: 2295256  
Conc: 19.46 ug/ml



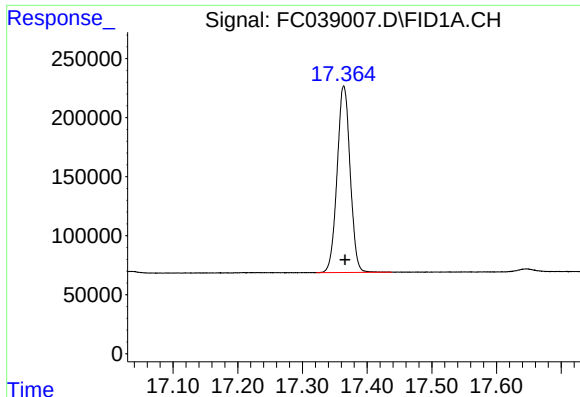
#15 n-Hexacosane (C26)

R.T.: 15.538 min  
Delta R.T.: -0.001 min  
Response: 2240059  
Conc: 19.27 ug/ml



#16 n-Octacosane (C28)

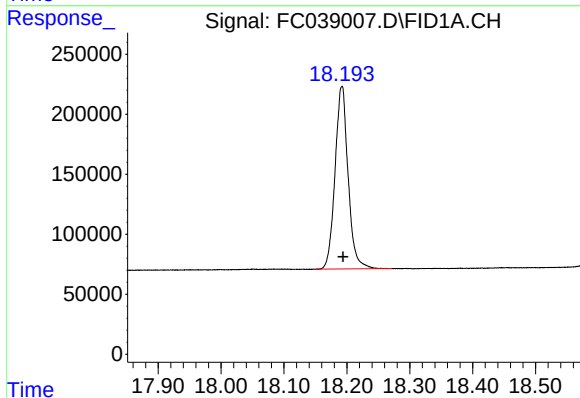
R.T.: 16.481 min  
Delta R.T.: -0.002 min  
Response: 2229826  
Conc: 19.13 ug/ml



#17 n-Tricontane (C30)

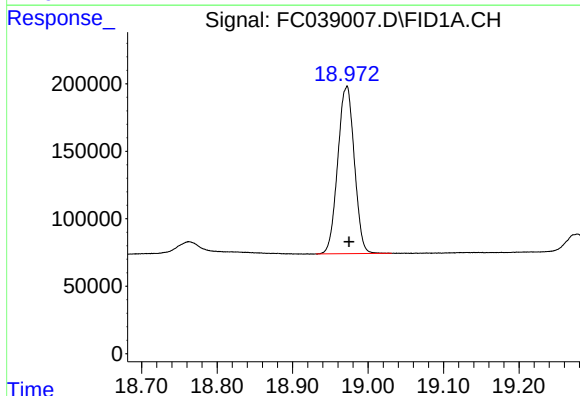
R.T.: 17.364 min  
Delta R.T.: -0.002 min  
Response: 2207085  
Conc: 19.02 ug/ml

Instrument :  
FID\_C  
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20 PPM ALIPHATIC HC STD



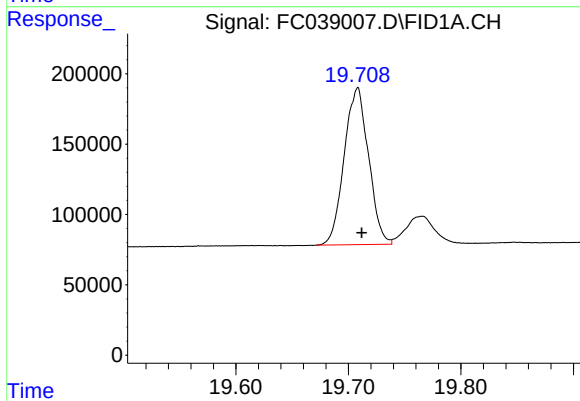
#18 n-Dotriacontane (C32)

R.T.: 18.192 min  
Delta R.T.: -0.002 min  
Response: 2198547  
Conc: 20.22 ug/ml



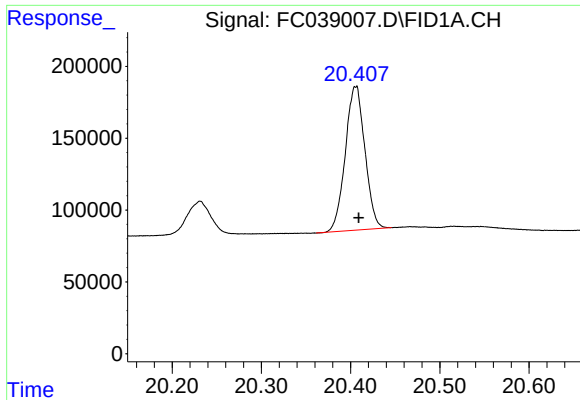
#19 n-Tetratriacontane (C34)

R.T.: 18.971 min  
Delta R.T.: -0.004 min  
Response: 1892995  
Conc: 20.44 ug/ml



#20 n-Hexatriacontane (C36)

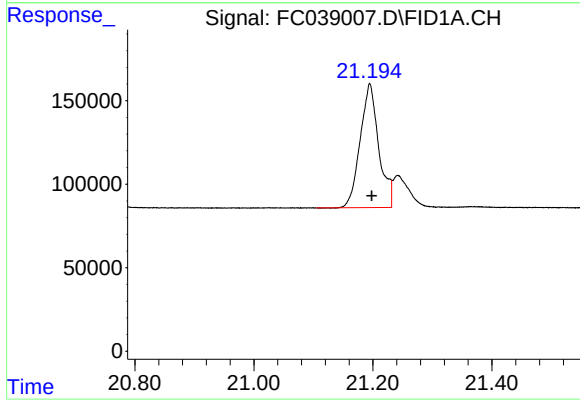
R.T.: 19.708 min  
Delta R.T.: -0.004 min  
Response: 1680189  
Conc: 21.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.406 min  
Delta R.T.: -0.003 min  
Response: 1526186  
Conc: 20.78 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 21.195 min  
Delta R.T.: -0.003 min  
Response: 1604479  
Conc: 21.50 ug/ml