

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC110719AL\  
 Data File : FC044421.D  
 Signal(s) : FID1A.CH  
 Acq On : 08 Nov 2019 13:52  
 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: Nov 08 14:25:06 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Alaphatic EPH 102219.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Oct 22 12:36:58 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)    | 11.719 | 2385626    | 16.367 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 32.73%       |
| 12) S 1-chlorooctadecane (S... | 13.149 | 1788196    | 15.993 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 31.99%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.450  | 2323654    | 21.094 ug/ml |
| 2) T n-Decane (C10)            | 4.526  | 2356859    | 21.219 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.127  | 2592457    | 20.836 ug/ml |
| 4) T n-Dodecane (C12)          | 6.552  | 2374788    | 21.116 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.185  | 2595378    | 20.581 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.348  | 2348749    | 20.760 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.949  | 2311164    | 20.227 ug/ml |
| 8) T n-Octadecane (C18)        | 11.392 | 2242099    | 19.583 ug/ml |
| 10) T n-Eicosane (C20)         | 12.702 | 2156810    | 18.911 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.315 | 2117316    | 18.459 ug/ml |
| 13) T n-Docosane (C22)         | 13.902 | 2086691    | 18.376 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.006 | 2057624    | 18.196 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.027 | 2027249    | 18.323 ug/ml |
| 16) T n-Octacosane (C28)       | 16.979 | 2025684    | 18.700 ug/ml |
| 17) T n-Tricontane (C30)       | 17.868 | 2033080    | 19.210 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.701 | 1988836    | 19.748 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.489 | 1938055    | 20.669 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.227 | 1874610    | 21.594 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.998 | 1785846    | 22.146 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.966 | 1819416    | 21.524 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

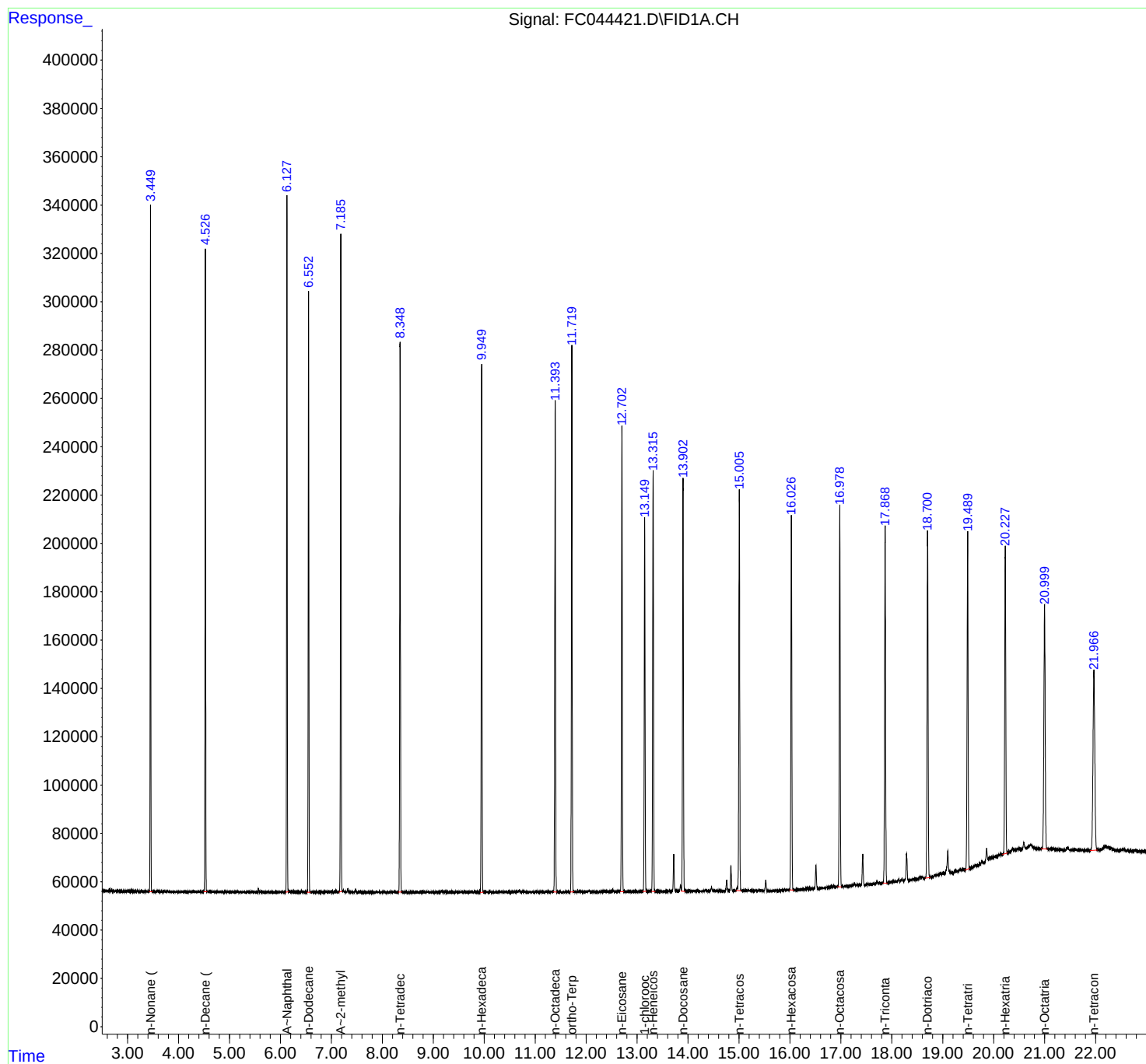
(m)=manual int.

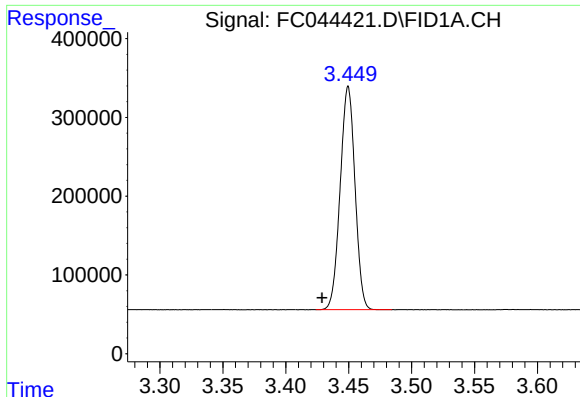
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC110719AL\  
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QLast Update : Tue Oct 22 12:36:58 2019  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

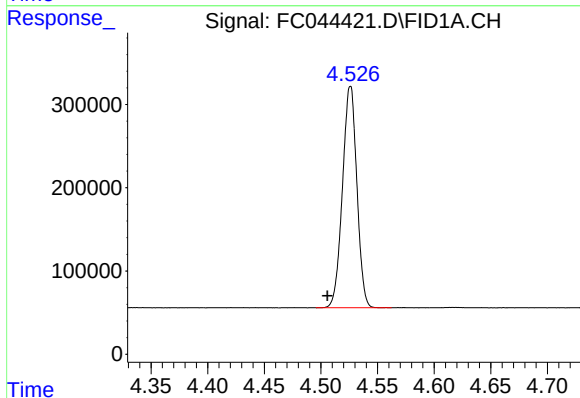




#1 n-Nonane (C9)

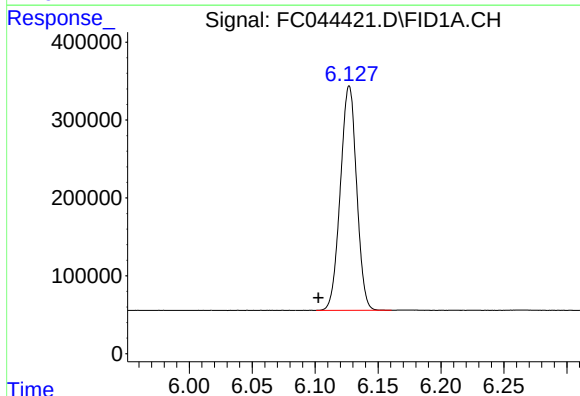
R.T.: 3.450 min  
Delta R.T.: 0.021 min  
Response: 2323654  
Conc: 21.09 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



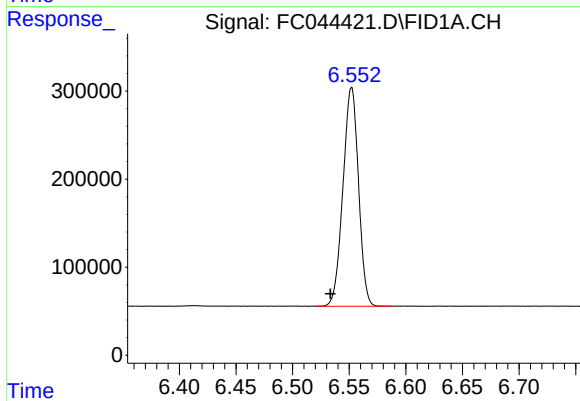
#2 n-Decane (C10)

R.T.: 4.526 min  
Delta R.T.: 0.020 min  
Response: 2356859  
Conc: 21.22 ug/ml



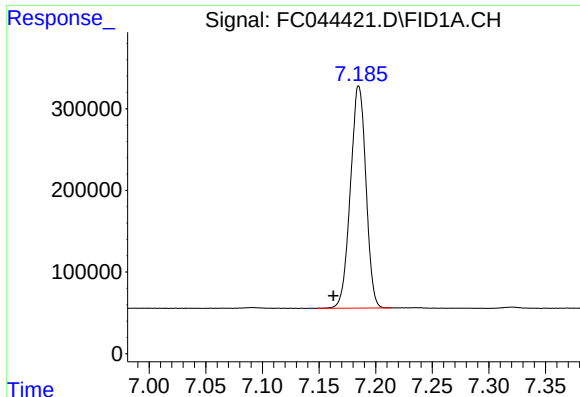
#3 A~Naphthalene (C11.7)

R.T.: 6.127 min  
Delta R.T.: 0.025 min  
Response: 2592457  
Conc: 20.84 ug/ml



#4 n-Dodecane (C12)

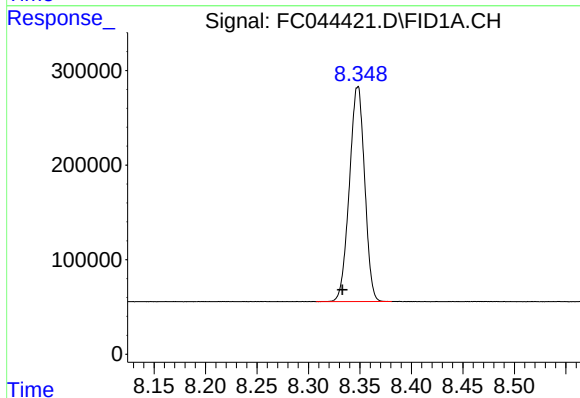
R.T.: 6.552 min  
Delta R.T.: 0.019 min  
Response: 2374788  
Conc: 21.12 ug/ml



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

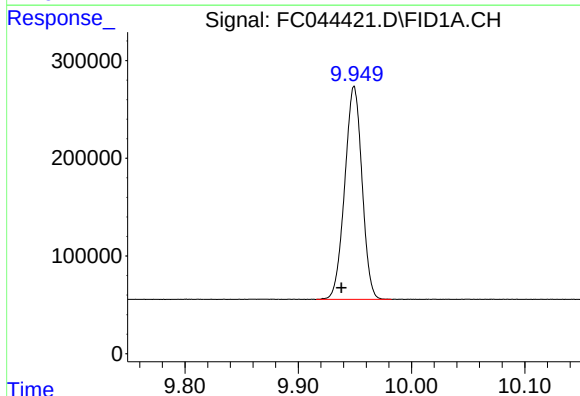
R.T.: 7.185 min  
Delta R.T.: 0.023 min  
Response: 2595378  
Conc: 20.58 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



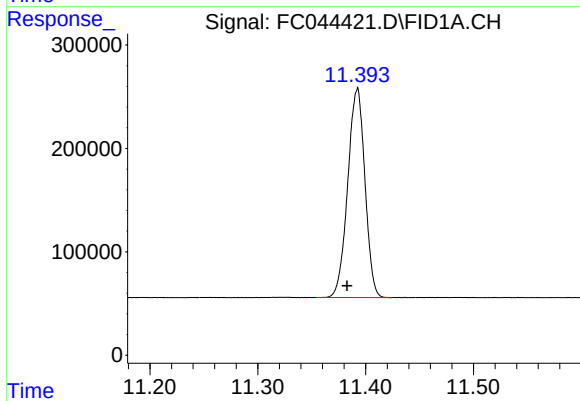
#6 n-Tetradecane (C14)

R.T.: 8.348 min  
Delta R.T.: 0.015 min  
Response: 2348749  
Conc: 20.76 ug/ml



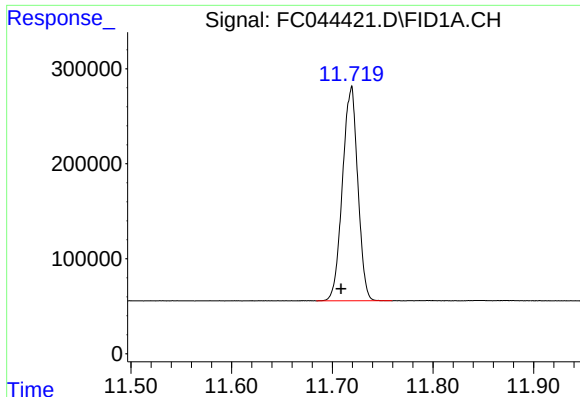
#7 n-Hexadecane (C16)

R.T.: 9.949 min  
Delta R.T.: 0.011 min  
Response: 2311164  
Conc: 20.23 ug/ml



#8 n-Octadecane (C18)

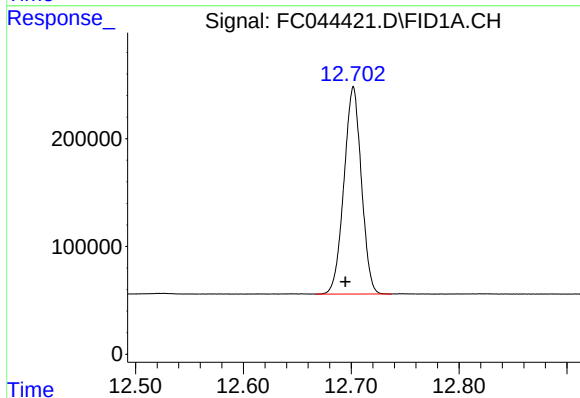
R.T.: 11.392 min  
Delta R.T.: 0.010 min  
Response: 2242099  
Conc: 19.58 ug/ml



#9 ortho-Terphenyl (SURR)

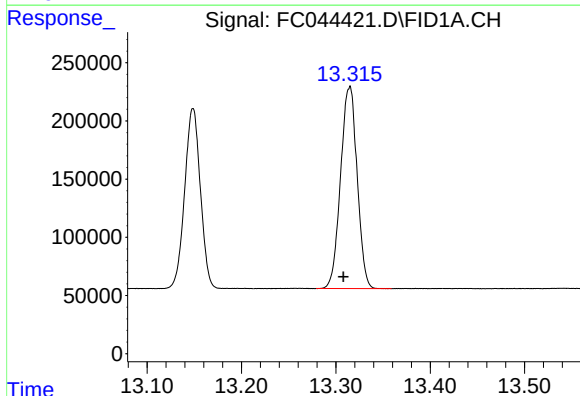
R.T.: 11.719 min  
Delta R.T.: 0.010 min  
Response: 2385626  
Conc: 16.37 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



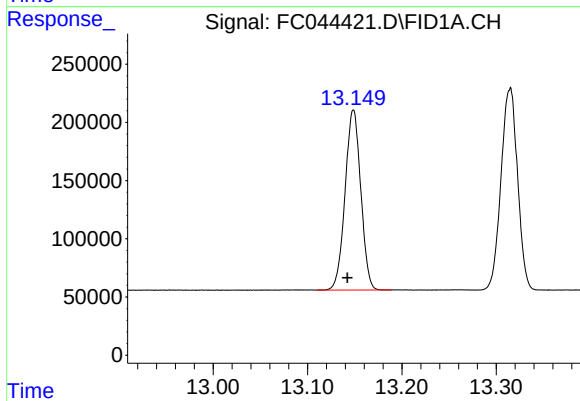
#10 n-Eicosane (C20)

R.T.: 12.702 min  
Delta R.T.: 0.007 min  
Response: 2156810  
Conc: 18.91 ug/ml



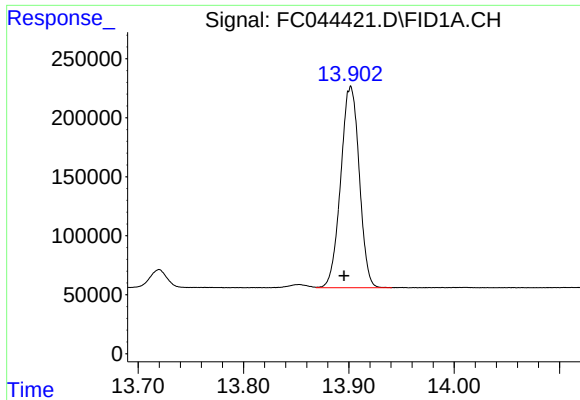
#11 n-Heneicosane (C21)

R.T.: 13.315 min  
Delta R.T.: 0.007 min  
Response: 2117316  
Conc: 18.46 ug/ml



#12 1-chlorooctadecane (SURR)

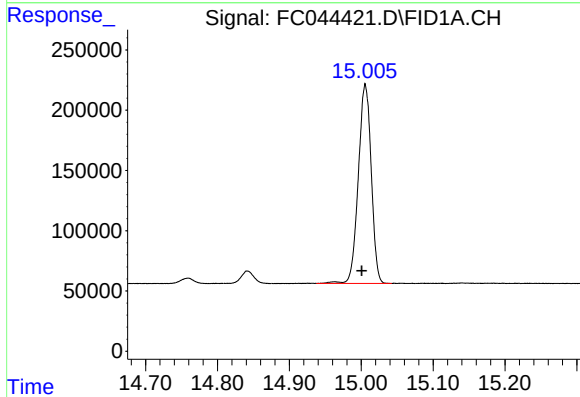
R.T.: 13.149 min  
Delta R.T.: 0.006 min  
Response: 1788196  
Conc: 15.99 ug/ml



#13 n-Docosane (C22)

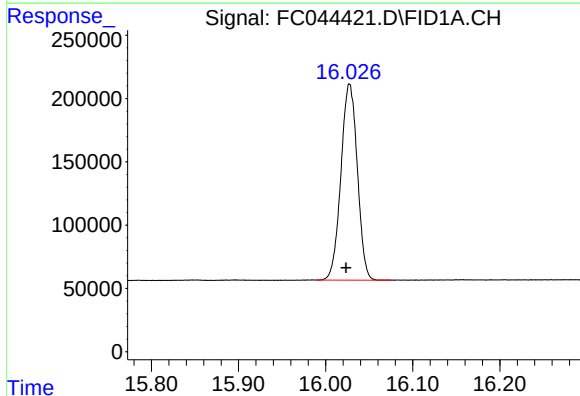
R.T.: 13.902 min  
Delta R.T.: 0.006 min  
Response: 2086691  
Conc: 18.38 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



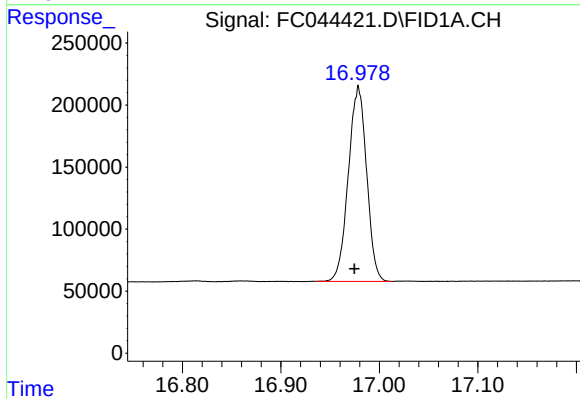
#14 n-Tetracosane (C24)

R.T.: 15.006 min  
Delta R.T.: 0.005 min  
Response: 2057624  
Conc: 18.20 ug/ml



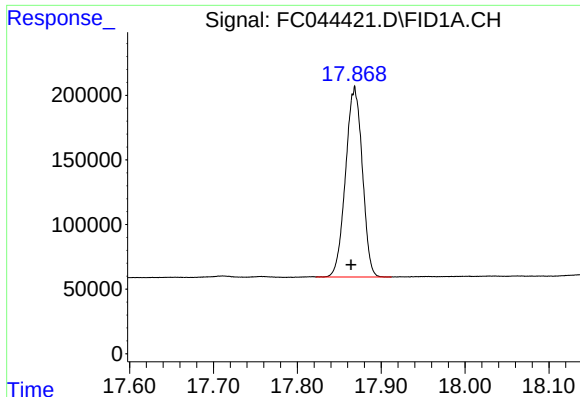
#15 n-Hexacosane (C26)

R.T.: 16.027 min  
Delta R.T.: 0.004 min  
Response: 2027249  
Conc: 18.32 ug/ml



#16 n-Octacosane (C28)

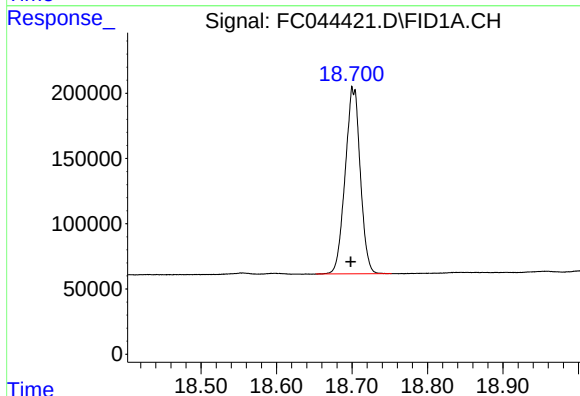
R.T.: 16.979 min  
Delta R.T.: 0.004 min  
Response: 2025684  
Conc: 18.70 ug/ml



#17 n-Tricontane (C30)

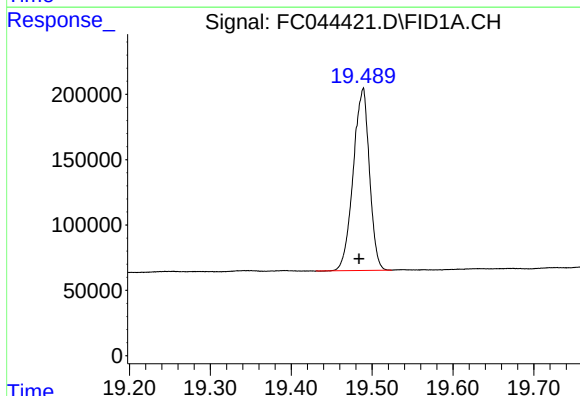
R.T.: 17.868 min  
Delta R.T.: 0.004 min  
Response: 2033080  
Conc: 19.21 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



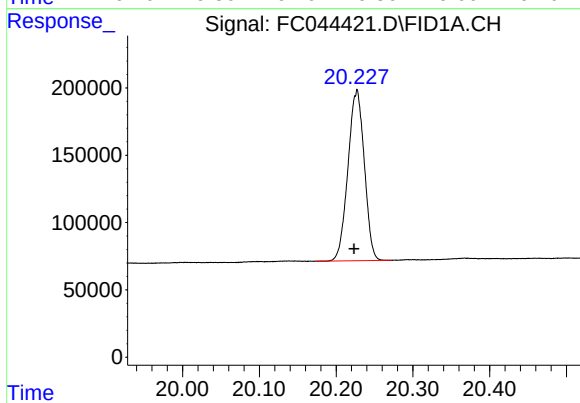
#18 n-Dotriacontane (C32)

R.T.: 18.701 min  
Delta R.T.: 0.003 min  
Response: 1988836  
Conc: 19.75 ug/ml



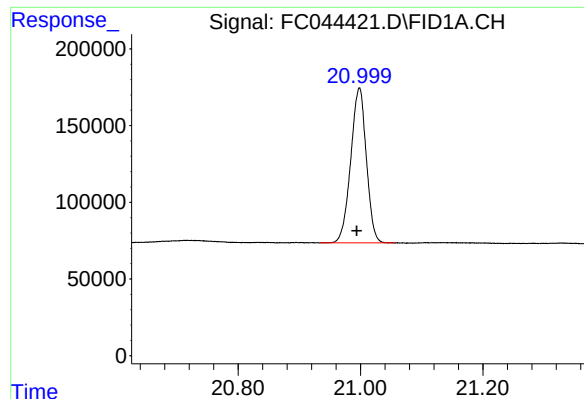
#19 n-Tetratriacontane (C34)

R.T.: 19.489 min  
Delta R.T.: 0.005 min  
Response: 1938055  
Conc: 20.67 ug/ml



#20 n-Hexatriacontane (C36)

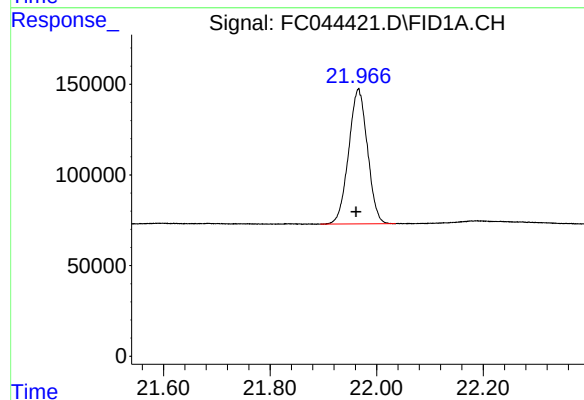
R.T.: 20.227 min  
Delta R.T.: 0.004 min  
Response: 1874610  
Conc: 21.59 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.998 min  
Delta R.T.: 0.004 min  
Response: 1785846  
Conc: 22.15 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.966 min  
Delta R.T.: 0.004 min  
Response: 1819416  
Conc: 21.52 ug/ml