

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC041025AL\  
 Data File : FC068543.D  
 Signal(s) : FID1A.ch  
 Acq On : 10 Apr 2025 03:08  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 9 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Apr 10 05:28:54 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 040925.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Apr 08 17:31:27 2025  
 Response via : Initial Calibration  
 Integrator: ChemStation

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)    | 11.711 | 2419166    | 18.998 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.00%       |
| 12) S 1-chlorooctadecane (S... | 13.143 | 1735554    | 18.683 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.37%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.445  | 2122012    | 20.148 ug/ml |
| 2) T n-Decane (C10)            | 4.520  | 2115920    | 20.083 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.117  | 2310005    | 19.835 ug/ml |
| 4) T n-Dodecane (C12)          | 6.544  | 2087691    | 19.852 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.174  | 2256574    | 19.538 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.342  | 2009282    | 19.545 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.944  | 1959689    | 19.243 ug/ml |
| 8) T n-Octadecane (C18)        | 11.387 | 1913703    | 19.017 ug/ml |
| 10) T n-Eicosane (C20)         | 12.697 | 1850533    | 18.814 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.309 | 1825163    | 18.728 ug/ml |
| 13) T n-Docosane (C22)         | 13.896 | 1800499    | 18.640 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.000 | 1769504    | 18.590 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.021 | 1725453    | 18.473 ug/ml |
| 16) T n-Octacosane (C28)       | 16.973 | 1703931    | 18.611 ug/ml |
| 17) T n-Tricontane (C30)       | 17.863 | 1723654    | 18.749 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.698 | 1733520    | 18.898 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.484 | 1694056    | 18.962 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.224 | 1710447    | 19.094 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.000 | 1689666    | 19.111 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.978 | 1684570    | 19.077 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

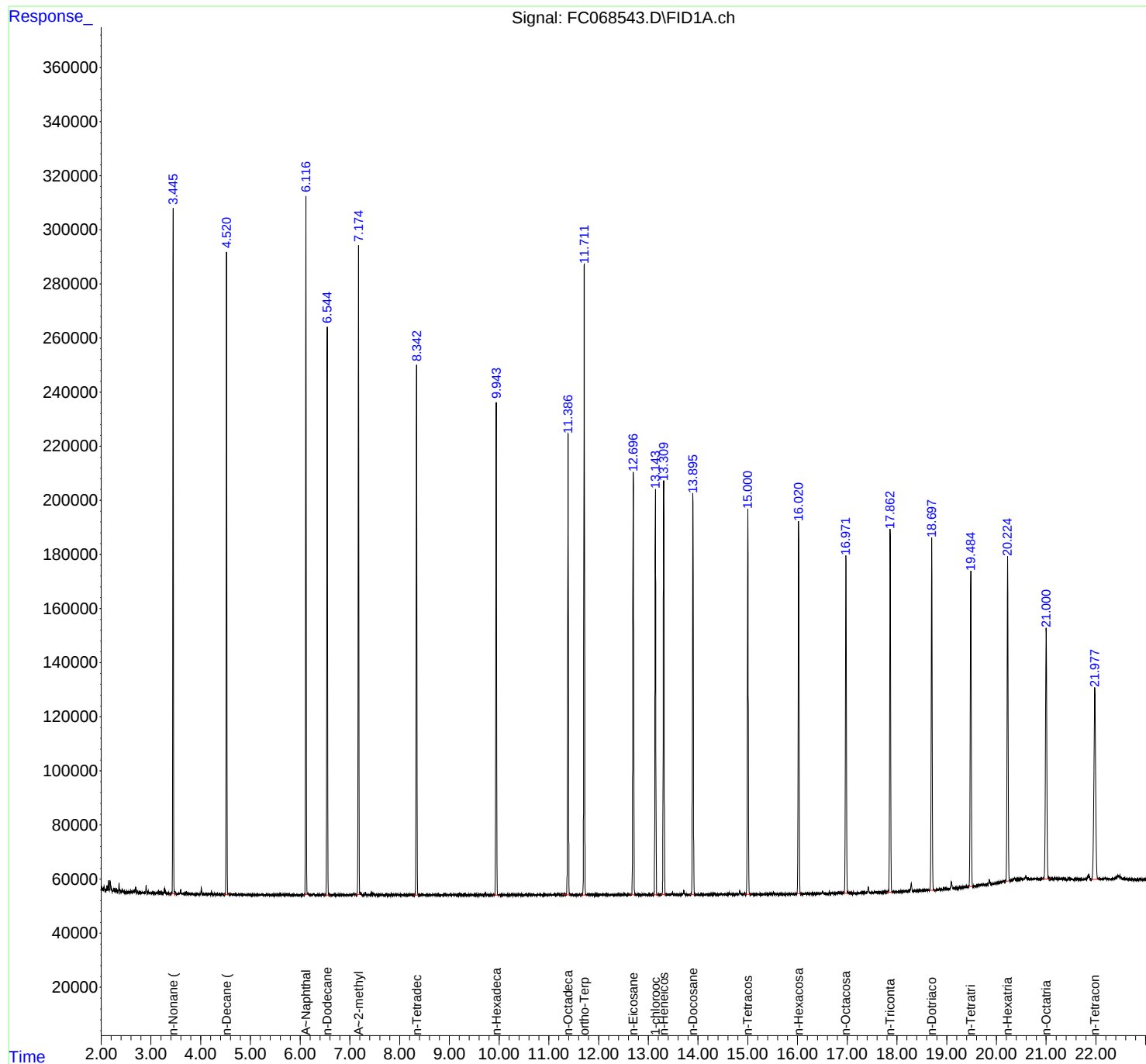
(m)=manual int.

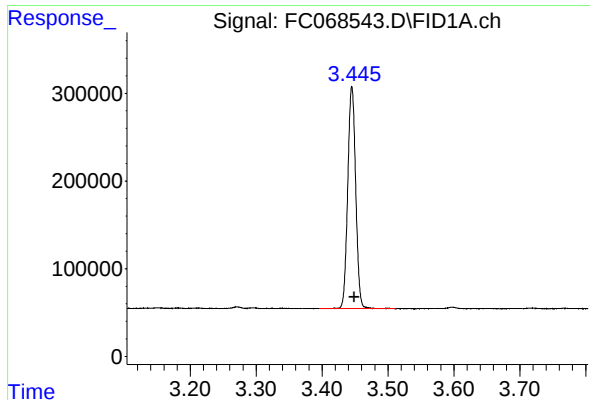
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC041025AL\  
Data File : FC068543.D  
Signal(s) : FID1A.ch  
Acq On : 10 Apr 2025 03:08  
Operator : YP/AJ  
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Misc :  
ALS Vial : 9 Sample Multiplier: 1

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Quant Title : GC Extractables  
QLast Update : Tue Apr 08 17:31:27 2025  
Response via : Initial Calibration  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

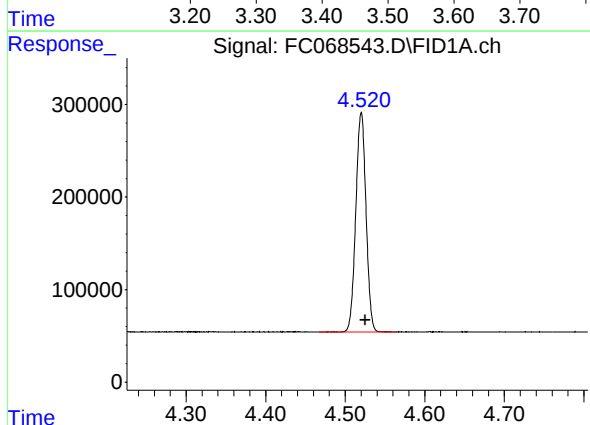




#1 n-Nonane (C9)

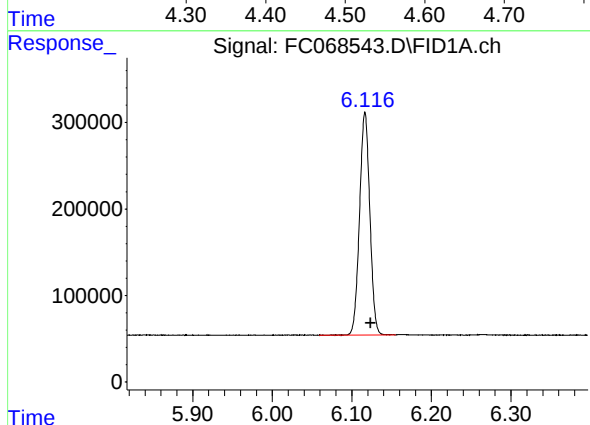
R.T.: 3.445 min  
Delta R.T.: -0.004 min  
Response: 2122012  
Conc: 20.15 ug/ml

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



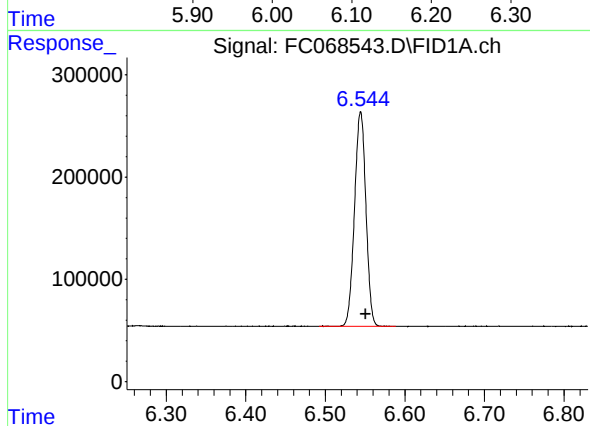
#2 n-Decane (C10)

R.T.: 4.520 min  
Delta R.T.: -0.005 min  
Response: 2115920  
Conc: 20.08 ug/ml



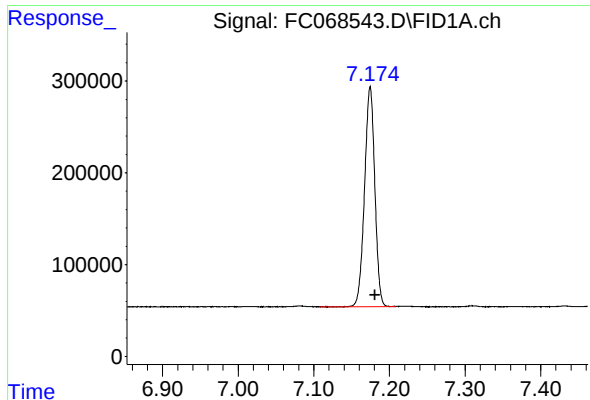
#3 A~Naphthalene (C11.7)

R.T.: 6.117 min  
Delta R.T.: -0.007 min  
Response: 2310005  
Conc: 19.84 ug/ml



#4 n-Dodecane (C12)

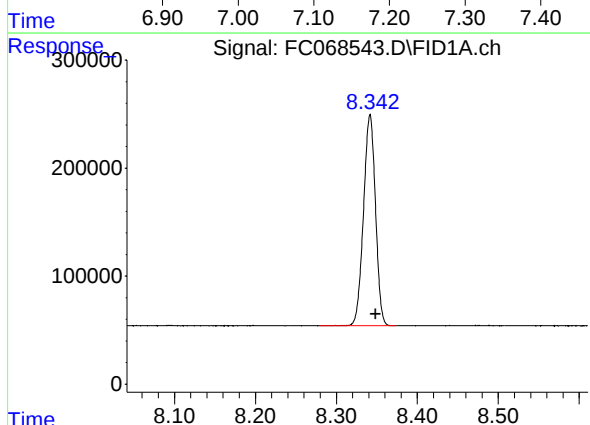
R.T.: 6.544 min  
Delta R.T.: -0.006 min  
Response: 2087691  
Conc: 19.85 ug/ml



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

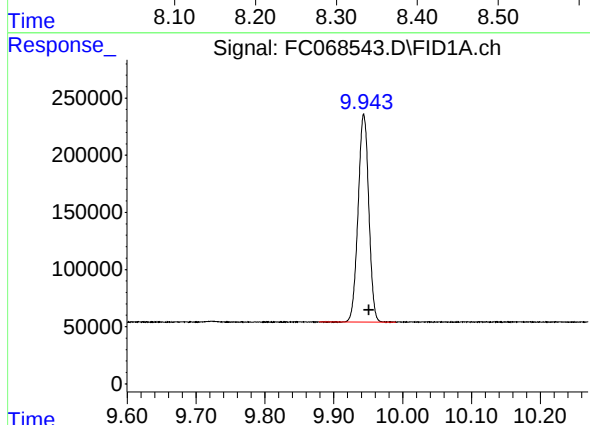
R.T.: 7.174 min  
Delta R.T.: -0.007 min  
Response: 2256574  
Conc: 19.54 ug/ml

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



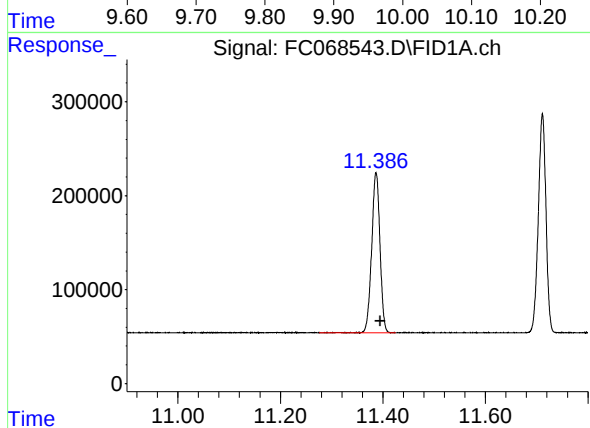
#6 n-Tetradecane (C14)

R.T.: 8.342 min  
Delta R.T.: -0.007 min  
Response: 2009282  
Conc: 19.54 ug/ml



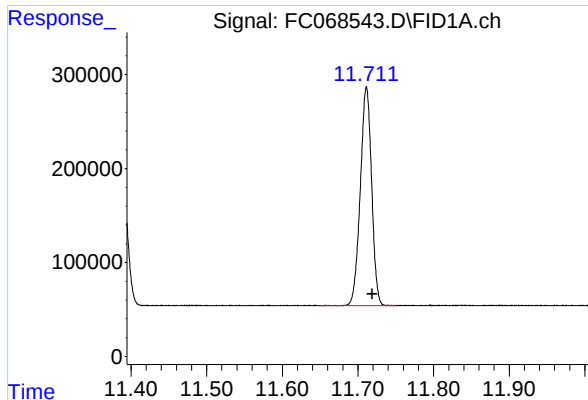
#7 n-Hexadecane (C16)

R.T.: 9.944 min  
Delta R.T.: -0.007 min  
Response: 1959689  
Conc: 19.24 ug/ml



#8 n-Octadecane (C18)

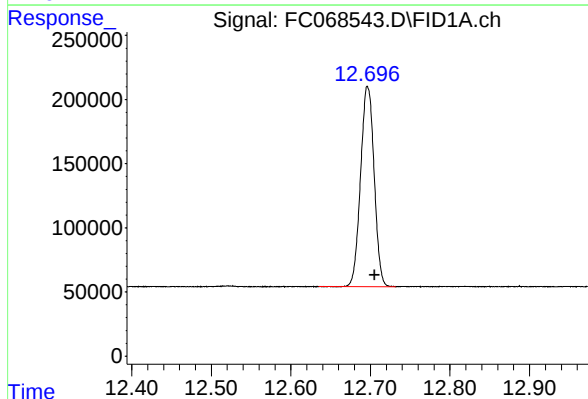
R.T.: 11.387 min  
Delta R.T.: -0.008 min  
Response: 1913703  
Conc: 19.02 ug/ml



#9 ortho-Terphenyl (SURR)

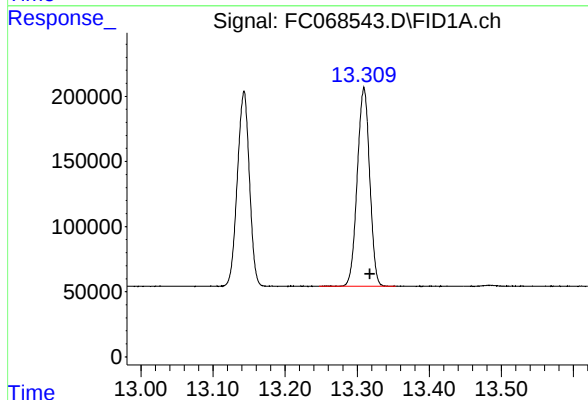
R.T.: 11.711 min  
Delta R.T.: -0.007 min  
Response: 2419166  
Conc: 19.00 ug/ml

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



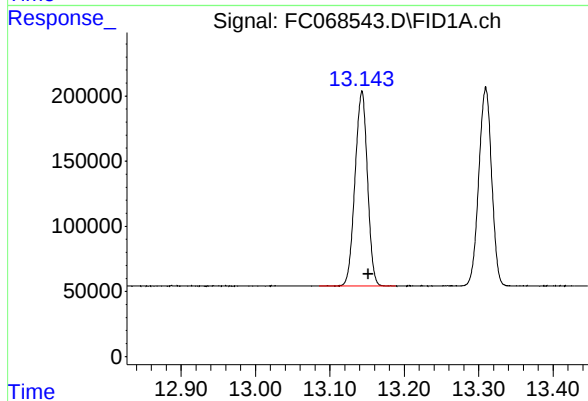
#10 n-Eicosane (C20)

R.T.: 12.697 min  
Delta R.T.: -0.009 min  
Response: 1850533  
Conc: 18.81 ug/ml



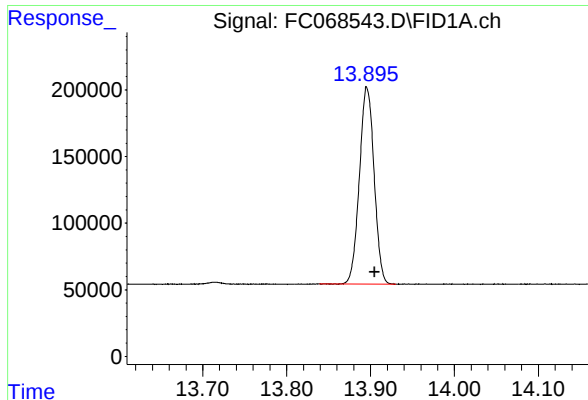
#11 n-Heneicosane (C21)

R.T.: 13.309 min  
Delta R.T.: -0.008 min  
Response: 1825163  
Conc: 18.73 ug/ml



#12 1-chlorooctadecane (SURR)

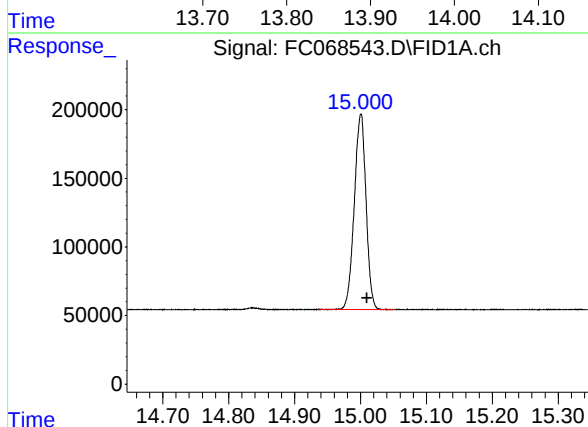
R.T.: 13.143 min  
Delta R.T.: -0.009 min  
Response: 1735554  
Conc: 18.68 ug/ml



#13 n-Docosane (C22)

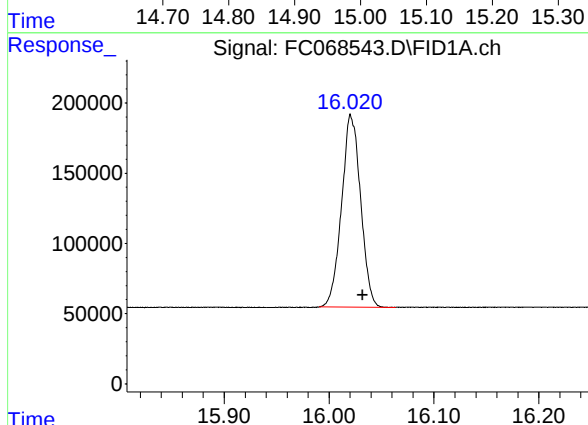
R.T.: 13.896 min  
Delta R.T.: -0.009 min  
Response: 1800499  
Conc: 18.64 ug/ml

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



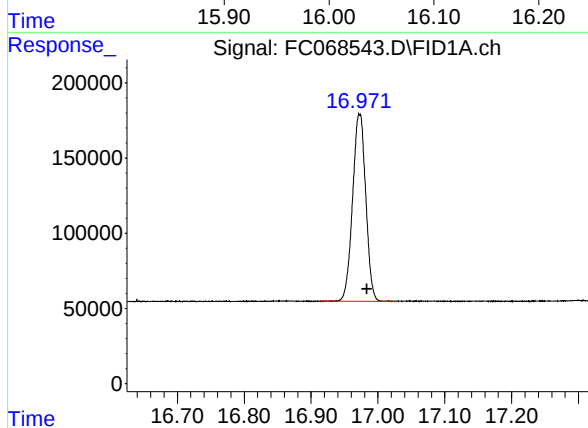
#14 n-Tetracosane (C24)

R.T.: 15.000 min  
Delta R.T.: -0.010 min  
Response: 1769504  
Conc: 18.59 ug/ml



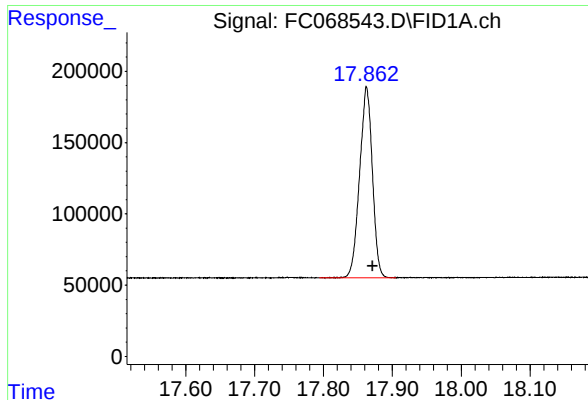
#15 n-Hexacosane (C26)

R.T.: 16.021 min  
Delta R.T.: -0.011 min  
Response: 1725453  
Conc: 18.47 ug/ml



#16 n-Octacosane (C28)

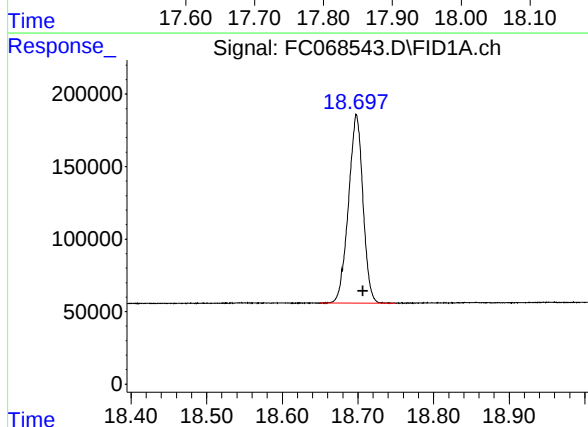
R.T.: 16.973 min  
Delta R.T.: -0.011 min  
Response: 1703931  
Conc: 18.61 ug/ml



#17 n-Tricontane (C30)

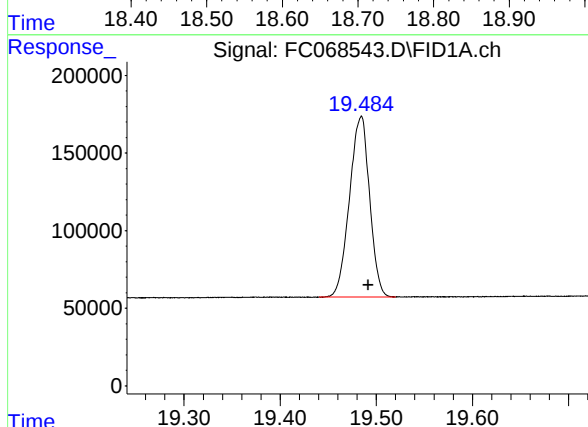
R.T.: 17.863 min  
Delta R.T.: -0.009 min  
Response: 1723654  
Conc: 18.75 ug/ml

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



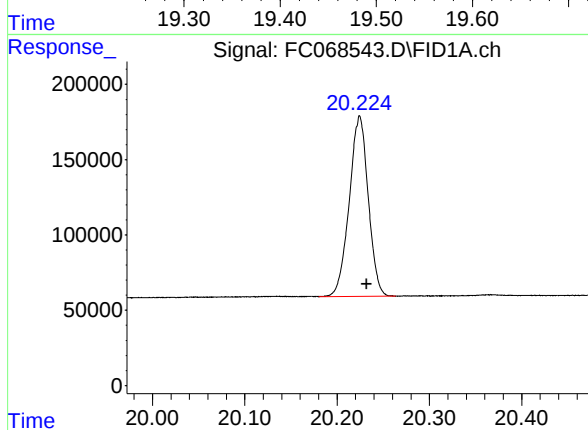
#18 n-Dotriacontane (C32)

R.T.: 18.698 min  
Delta R.T.: -0.008 min  
Response: 1733520  
Conc: 18.90 ug/ml



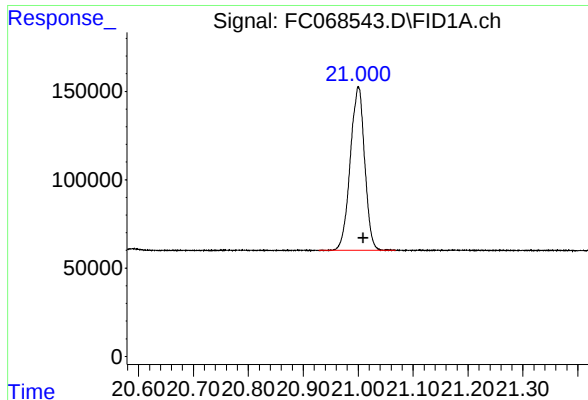
#19 n-Tetatriacontane (C34)

R.T.: 19.484 min  
Delta R.T.: -0.008 min  
Response: 1694056  
Conc: 18.96 ug/ml



#20 n-Hexatriacontane (C36)

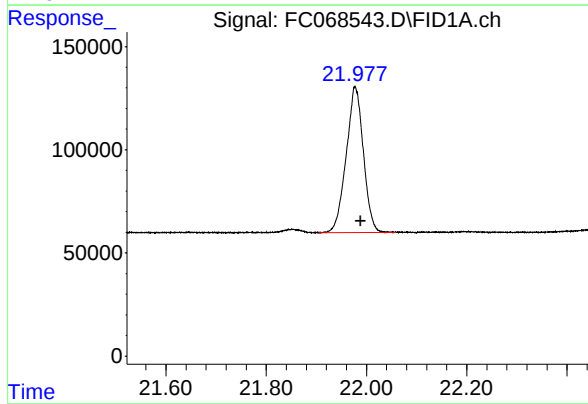
R.T.: 20.224 min  
Delta R.T.: -0.008 min  
Response: 1710447  
Conc: 19.09 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.000 min  
Delta R.T.: -0.009 min  
Response: 1689666  
Conc: 19.11 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 21.978 min  
Delta R.T.: -0.011 min  
Response: 1684570  
Conc: 19.08 ug/ml