

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC063022AL\  
 Data File : FC060549.D  
 Signal(s) : FID1A.ch  
 Acq On : 01 Jul 2022 06:14  
 Operator : YP/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: Jul 01 06:52:12 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 062422.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Jun 25 04:15:44 2022  
 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)    | 10.634 | 3373022    | 18.406 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.81%       |
| 12) S 1-chlorooctadecane (S... | 11.999 | 2709517    | 18.383 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.77%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 2.629  | 2759236    | 17.987 ug/ml |
| 2) T n-Decane (C10)            | 3.623  | 2779844    | 18.202 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.165  | 3042748    | 18.199 ug/ml |
| 4) T n-Dodecane (C12)          | 5.569  | 2996299    | 18.540 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.190  | 3024165    | 17.790 ug/ml |
| 6) T n-Tetradecane (C14)       | 7.318  | 3062670    | 18.539 ug/ml |
| 7) T n-Hexadecane (C16)        | 8.879  | 3136353    | 18.558 ug/ml |
| 8) T n-Octadecane (C18)        | 10.285 | 3187176    | 18.526 ug/ml |
| 10) T n-Eicosane (C20)         | 11.562 | 3161498    | 18.524 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.159 | 3154846    | 18.503 ug/ml |
| 13) T n-Docosane (C22)         | 12.731 | 3199646    | 18.770 ug/ml |
| 14) T n-Tetracosane (C24)      | 13.807 | 3162891    | 18.838 ug/ml |
| 15) T n-Hexacosane (C26)       | 14.803 | 3078107    | 18.732 ug/ml |
| 16) T n-Octacosane (C28)       | 15.730 | 3020279    | 19.034 ug/ml |
| 17) T n-Tricontane (C30)       | 16.595 | 2975248    | 19.545 ug/ml |
| 18) T n-Dotriacontane (C32)    | 17.407 | 2771773    | 19.068 ug/ml |
| 19) T n-Tetratriacontane (C34) | 18.170 | 2458886    | 19.360 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 18.891 | 2219550    | 19.777 ug/ml |
| 21) T n-Octatriacontane (C38)  | 19.573 | 2104776    | 19.228 ug/ml |
| 22) T n-Tetracontane (C40)     | 20.220 | 2101860    | 18.610 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

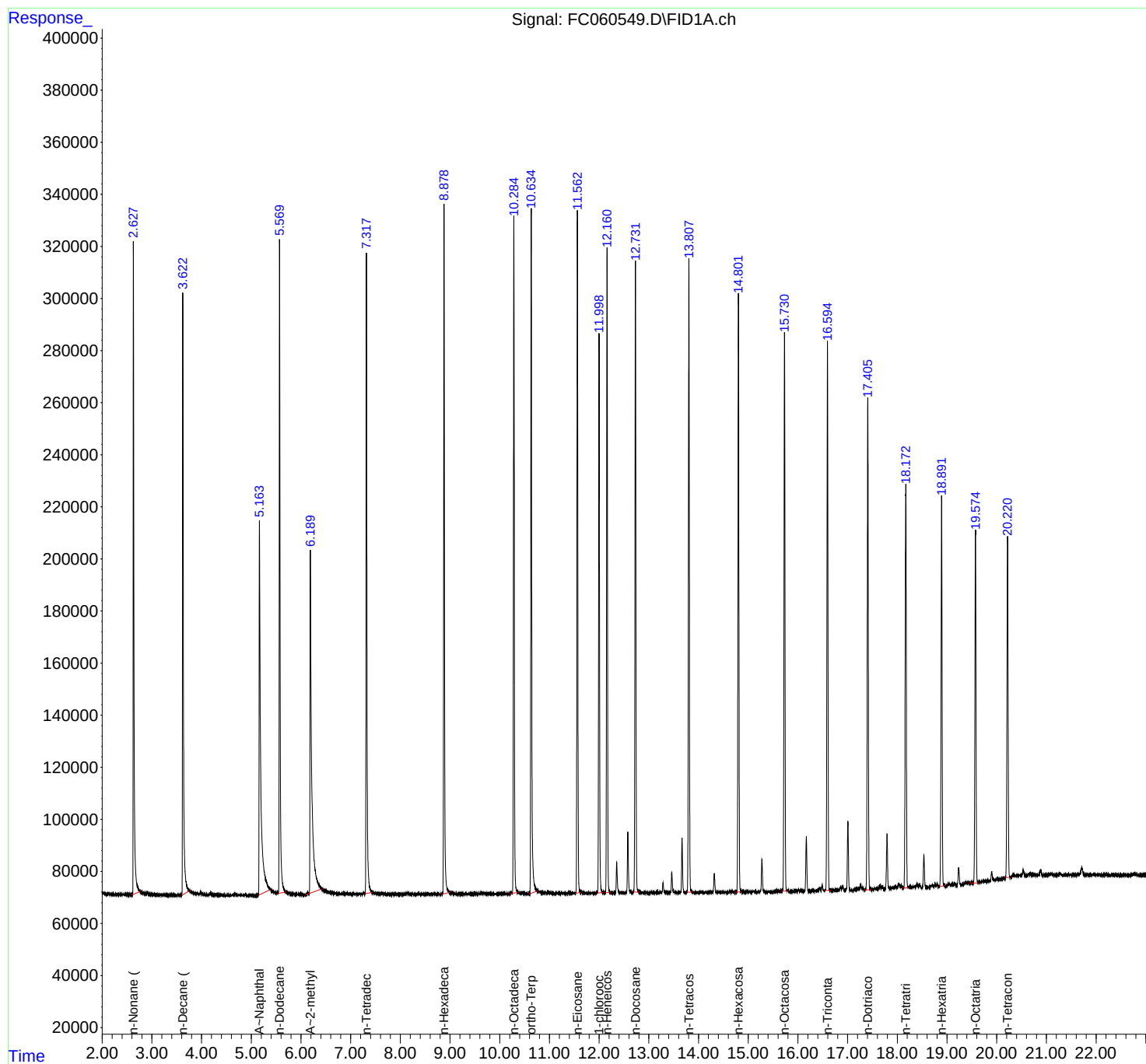
(m)=manual int.

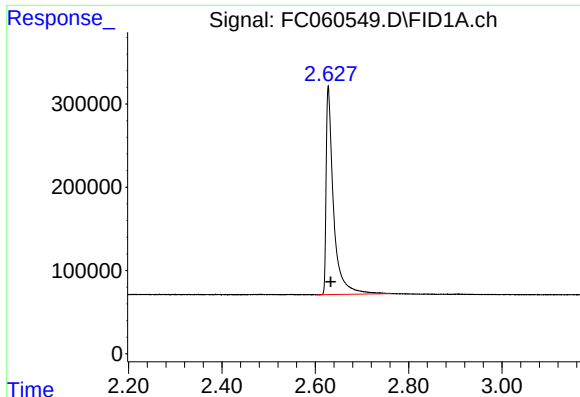
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC063022AL\  
Data File : FC060549.D  
Signal(s) : FID1A.ch  
Acq On : 01 Jul 2022 06:14  
Operator : YP/AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

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

Integration File: autoint1.e  
Quant Time: Jul 01 06:52:12 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 062422.M  
Quant Title : GC Extractables  
QLast Update : Sat Jun 25 04:15:44 2022  
Response via : Initial Calibration  
Integrator: ChemStation

Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

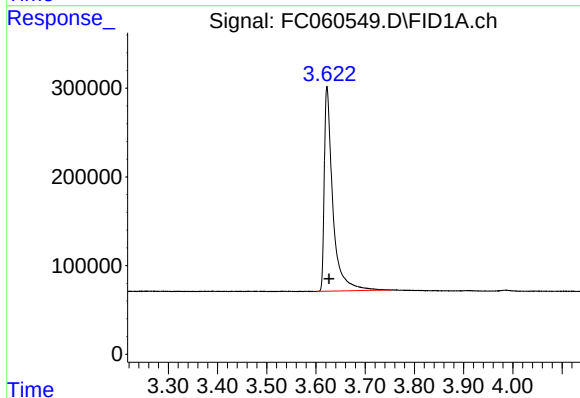




#1 n-Nonane (C9)

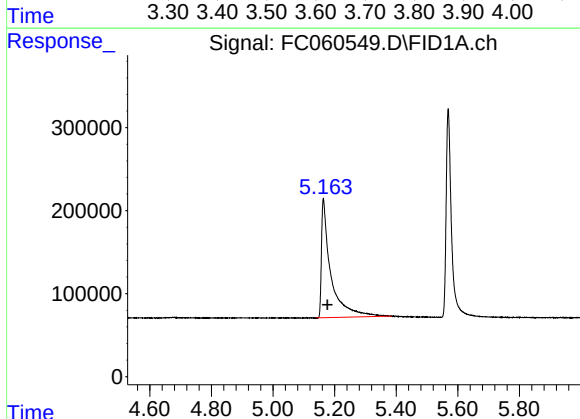
R.T.: 2.629 min  
Delta R.T.: -0.004 min  
Response: 2759236  
Conc: 17.99 ug/ml

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



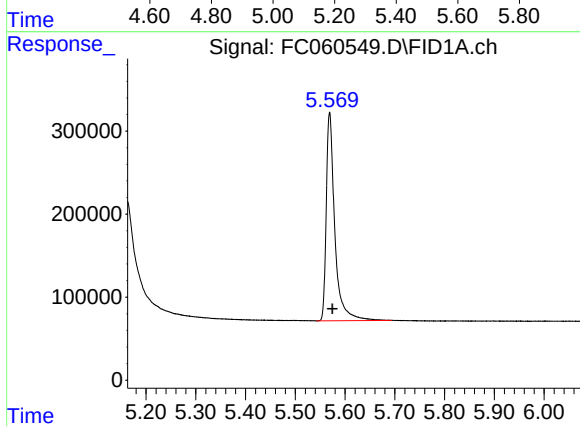
#2 n-Decane (C10)

R.T.: 3.623 min  
Delta R.T.: -0.004 min  
Response: 2779844  
Conc: 18.20 ug/ml



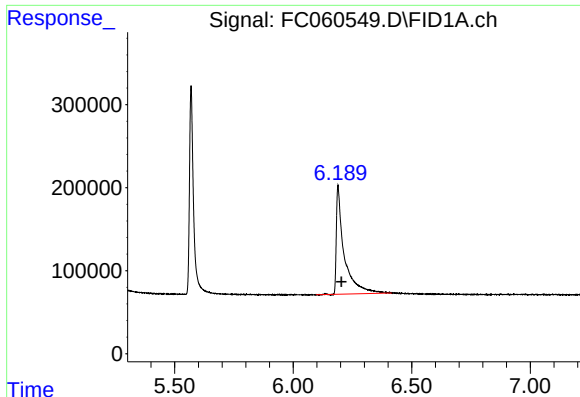
#3 A~Naphthalene (C11.7)

R.T.: 5.165 min  
Delta R.T.: -0.012 min  
Response: 3042748  
Conc: 18.20 ug/ml



#4 n-Dodecane (C12)

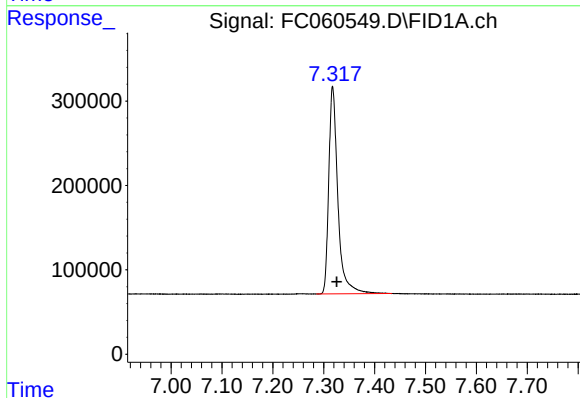
R.T.: 5.569 min  
Delta R.T.: -0.005 min  
Response: 2996299  
Conc: 18.54 ug/ml



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

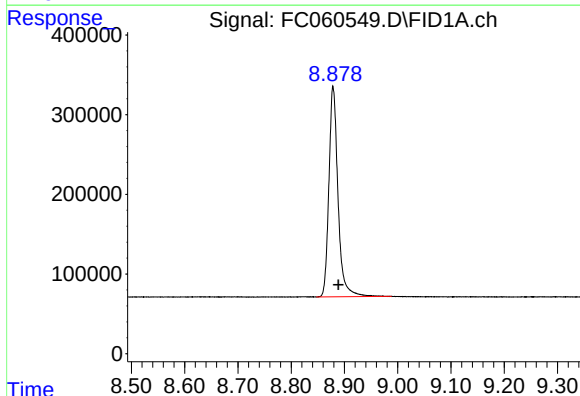
R.T.: 6.190 min  
Delta R.T.: -0.014 min  
Response: 3024165  
Conc: 17.79 ug/ml

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



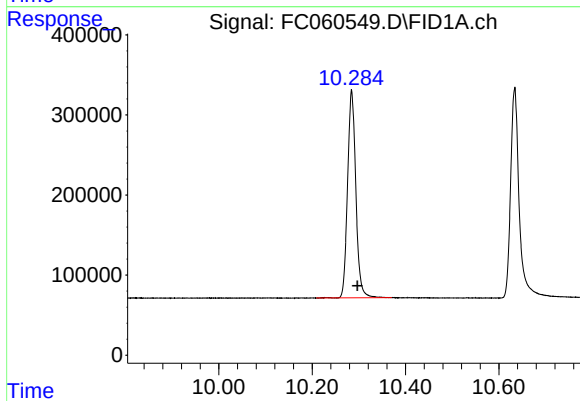
#6 n-Tetradecane (C14)

R.T.: 7.318 min  
Delta R.T.: -0.008 min  
Response: 3062670  
Conc: 18.54 ug/ml



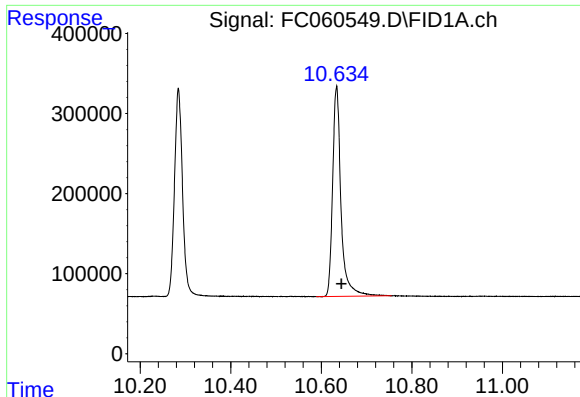
#7 n-Hexadecane (C16)

R.T.: 8.879 min  
Delta R.T.: -0.010 min  
Response: 3136353  
Conc: 18.56 ug/ml



#8 n-Octadecane (C18)

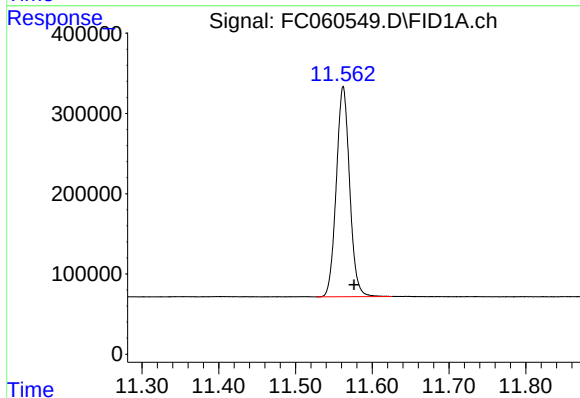
R.T.: 10.285 min  
Delta R.T.: -0.012 min  
Response: 3187176  
Conc: 18.53 ug/ml



#9 ortho-Terphenyl (SURR)

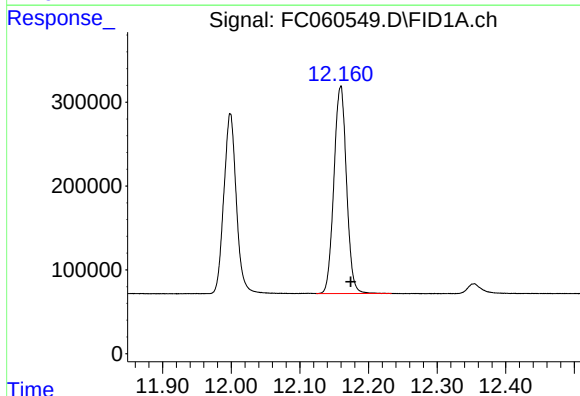
R.T.: 10.634 min  
Delta R.T.: -0.011 min  
Response: 3373022  
Conc: 18.41 ug/ml

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



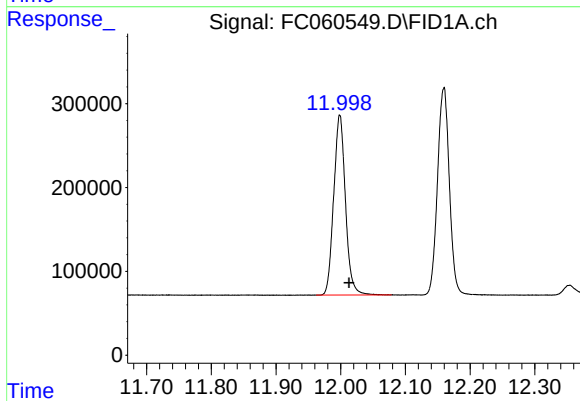
#10 n-Eicosane (C20)

R.T.: 11.562 min  
Delta R.T.: -0.014 min  
Response: 3161498  
Conc: 18.52 ug/ml



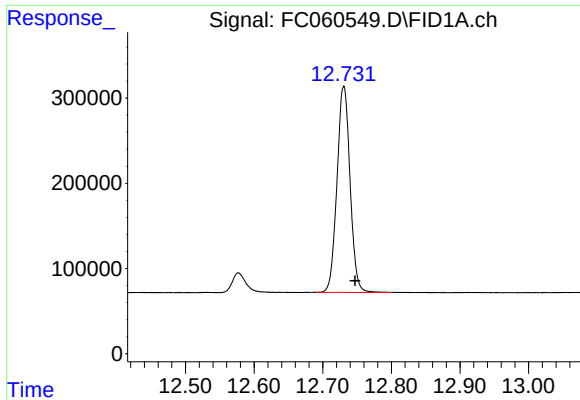
#11 n-Heneicosane (C21)

R.T.: 12.159 min  
Delta R.T.: -0.015 min  
Response: 3154846  
Conc: 18.50 ug/ml



#12 1-chlorooctadecane (SURR)

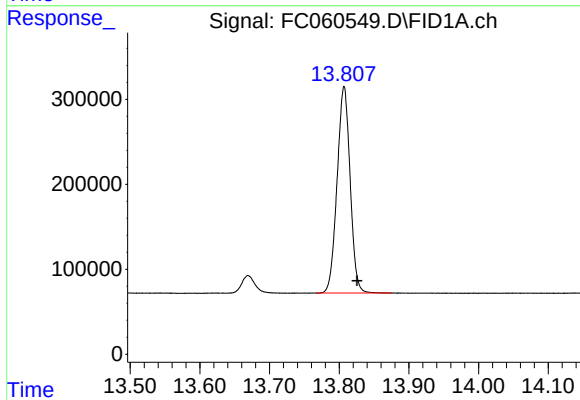
R.T.: 11.999 min  
Delta R.T.: -0.014 min  
Response: 2709517  
Conc: 18.38 ug/ml



#13 n-Docosane (C22)

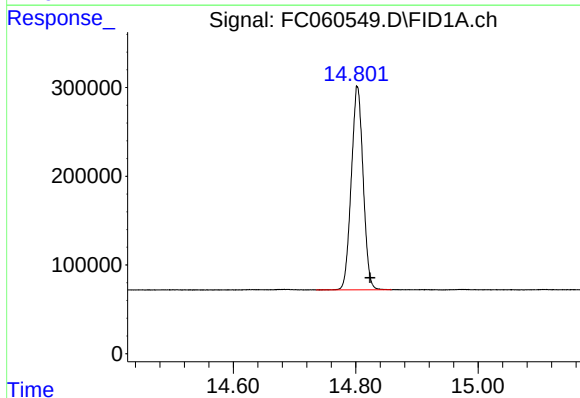
R.T.: 12.731 min  
Delta R.T.: -0.017 min  
Response: 3199646  
Conc: 18.77 ug/ml

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



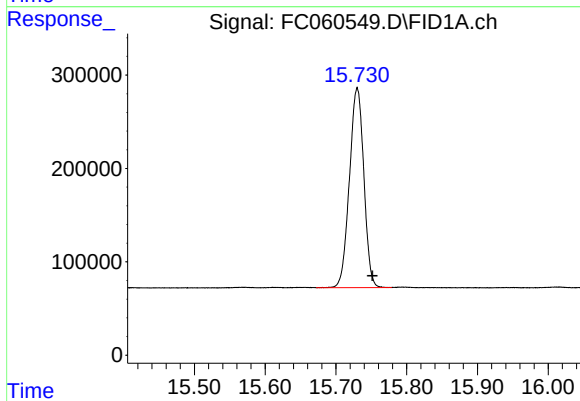
#14 n-Tetracosane (C24)

R.T.: 13.807 min  
Delta R.T.: -0.018 min  
Response: 3162891  
Conc: 18.84 ug/ml



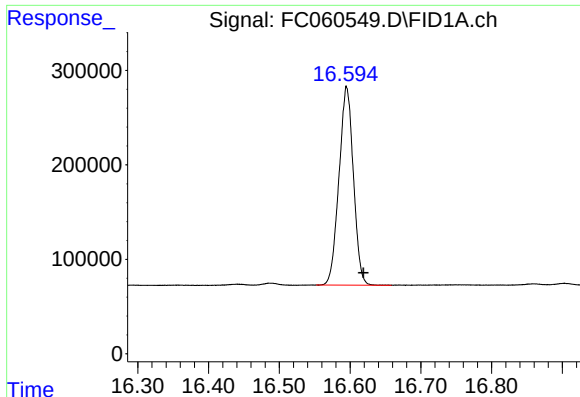
#15 n-Hexacosane (C26)

R.T.: 14.803 min  
Delta R.T.: -0.021 min  
Response: 3078107  
Conc: 18.73 ug/ml



#16 n-Octacosane (C28)

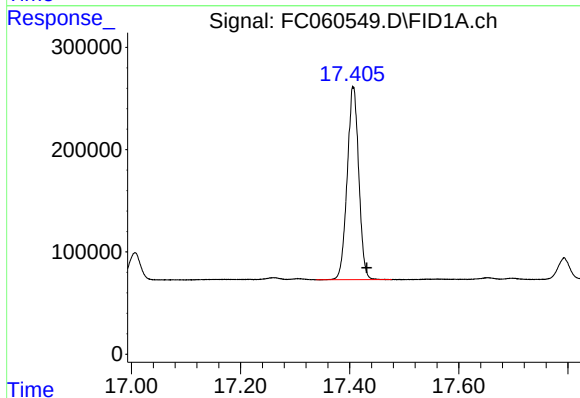
R.T.: 15.730 min  
Delta R.T.: -0.022 min  
Response: 3020279  
Conc: 19.03 ug/ml



#17 n-Tricontane (C30)

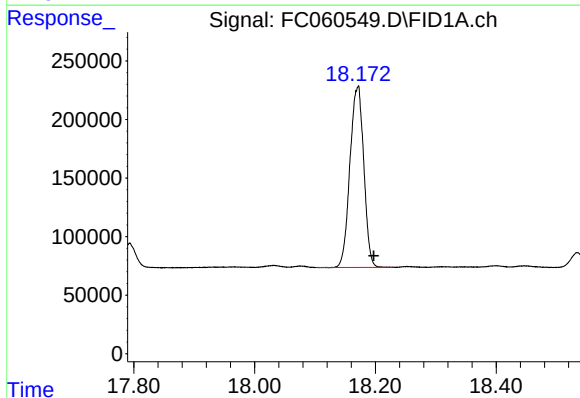
R.T.: 16.595 min  
Delta R.T.: -0.023 min  
Response: 2975248  
Conc: 19.55 ug/ml

Instrument :  
FID\_C  
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20 PPM ALIPHATIC HC STD



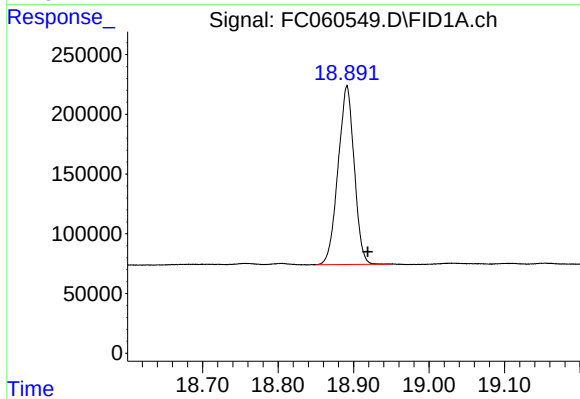
#18 n-Dotriacontane (C32)

R.T.: 17.407 min  
Delta R.T.: -0.025 min  
Response: 2771773  
Conc: 19.07 ug/ml



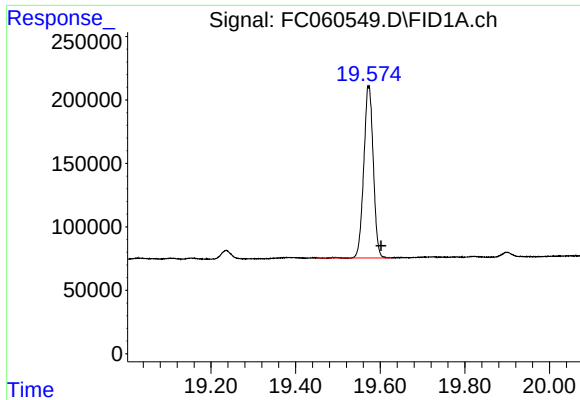
#19 n-Tetratriacontane (C34)

R.T.: 18.170 min  
Delta R.T.: -0.027 min  
Response: 2458886  
Conc: 19.36 ug/ml



#20 n-Hexatriacontane (C36)

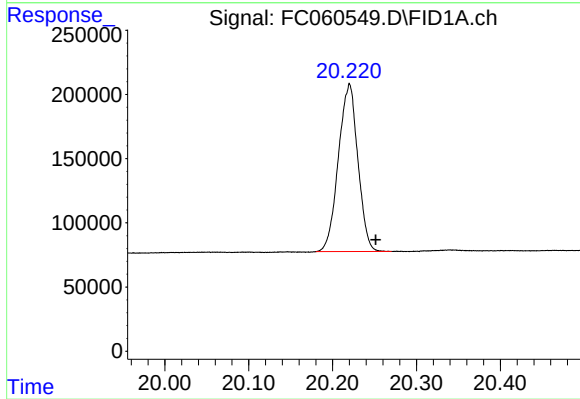
R.T.: 18.891 min  
Delta R.T.: -0.027 min  
Response: 2219550  
Conc: 19.78 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.573 min  
Delta R.T.: -0.029 min  
Response: 2104776  
Conc: 19.23 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 20.220 min  
Delta R.T.: -0.031 min  
Response: 2101860  
Conc: 18.61 ug/ml