

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF050322AL\  
 Data File : FF010503.D  
 Signal(s) : FID2B.ch  
 Acq On : 04 May 2022 01:43  
 Operator : AJ\MA  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 54 Sample Multiplier: 1

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

Integration File: sample.E  
 Quant Time: May 04 02:05:12 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\Aliphatic EPH -FF050322.M  
 Quant Title : GC Extractables  
 QLast Update : Tue May 03 13:18:42 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)    | 10.852 | 2743687    | 19.929 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.86%       |
| 12) S 1-chlorooctadecane (S... | 12.289 | 2169461    | 19.949 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.90%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 2.715  | 2349343    | 19.853 ug/ml |
| 2) T n-Decane (C10)            | 3.723  | 2331754    | 19.856 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.280  | 2647673    | 19.970 ug/ml |
| 4) T n-Dodecane (C12)          | 5.708  | 2389742    | 19.900 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.328  | 2677155    | 19.976 ug/ml |
| 6) T n-Tetradecane (C14)       | 7.498  | 2420077    | 20.055 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.097  | 2472343    | 20.096 ug/ml |
| 8) T n-Octadecane (C18)        | 10.537 | 2510917    | 20.009 ug/ml |
| 10) T n-Eicosane (C20)         | 11.845 | 2509129    | 20.003 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.457 | 2512233    | 19.957 ug/ml |
| 13) T n-Docosane (C22)         | 13.043 | 2504045    | 20.018 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.143 | 2460337    | 19.986 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.164 | 2385655    | 20.051 ug/ml |
| 16) T n-Octacosane (C28)       | 16.112 | 2307475    | 20.217 ug/ml |
| 17) T n-Tricontane (C30)       | 16.998 | 2210194    | 20.269 ug/ml |
| 18) T n-Dotriacontane (C32)    | 17.828 | 2057692    | 20.083 ug/ml |
| 19) T n-Tetratriacontane (C34) | 18.610 | 1868825    | 20.250 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.347 | 1682483    | 20.163 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.067 | 1525859    | 20.498 ug/ml |
| 22) T n-Tetracontane (C40)     | 20.940 | 1486412    | 19.884 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

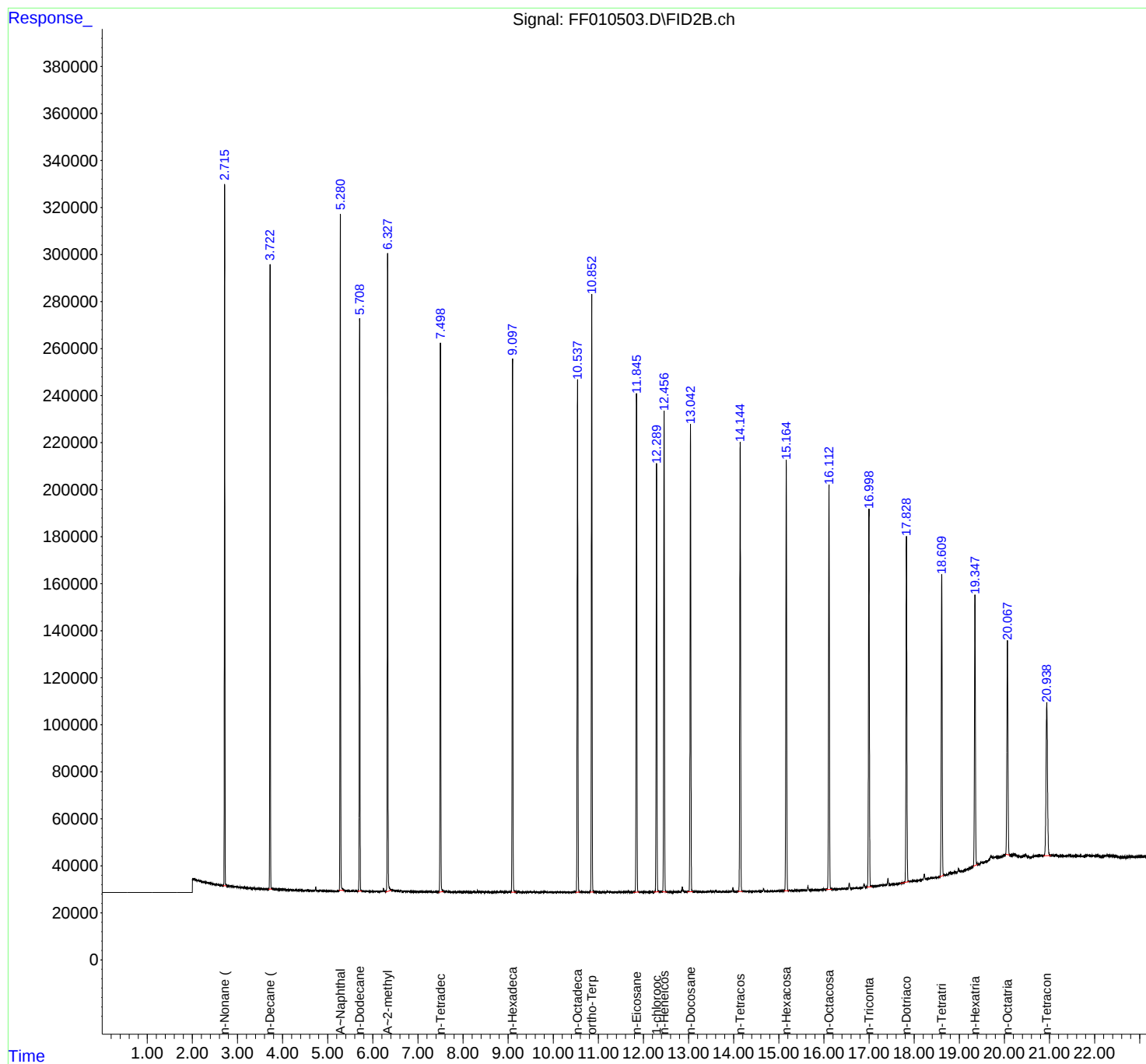
(m)=manual int.

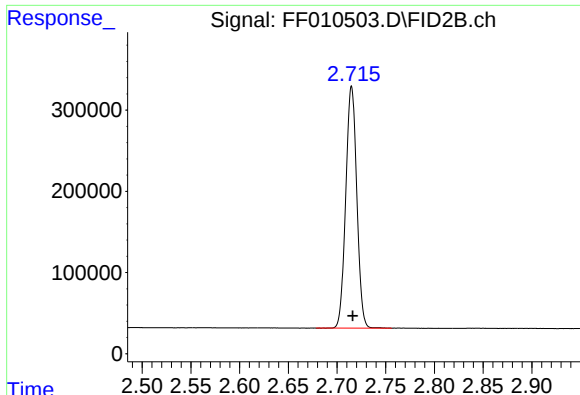
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF050322AL\  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

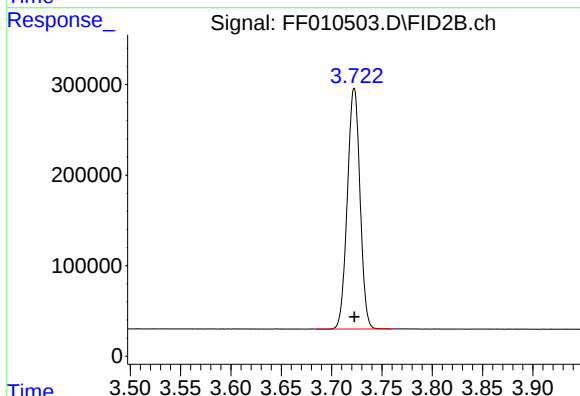




#1 n-Nonane (C9)

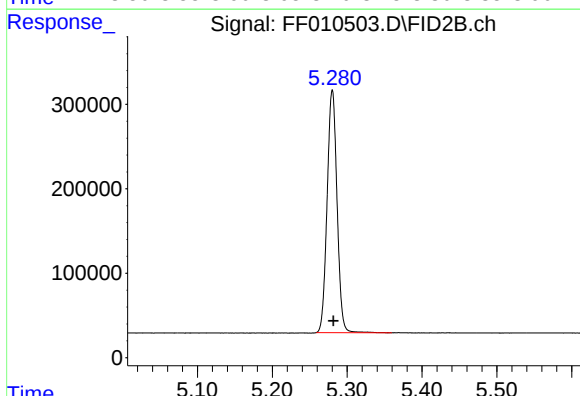
R.T.: 2.715 min  
Delta R.T.: 0.000 min  
Response: 2349343  
Conc: 19.85 ug/ml

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



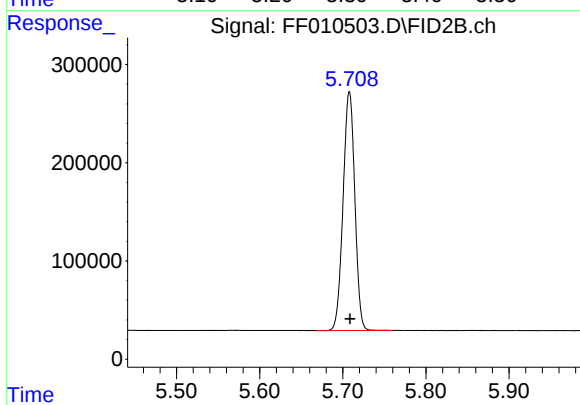
#2 n-Decane (C10)

R.T.: 3.723 min  
Delta R.T.: 0.000 min  
Response: 2331754  
Conc: 19.86 ug/ml



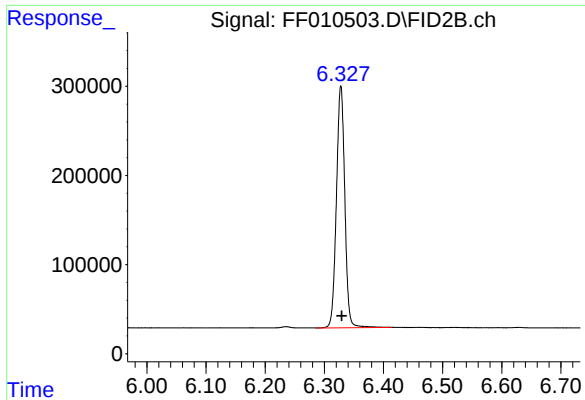
#3 A~Naphthalene (C11.7)

R.T.: 5.280 min  
Delta R.T.: -0.002 min  
Response: 2647673  
Conc: 19.97 ug/ml



#4 n-Dodecane (C12)

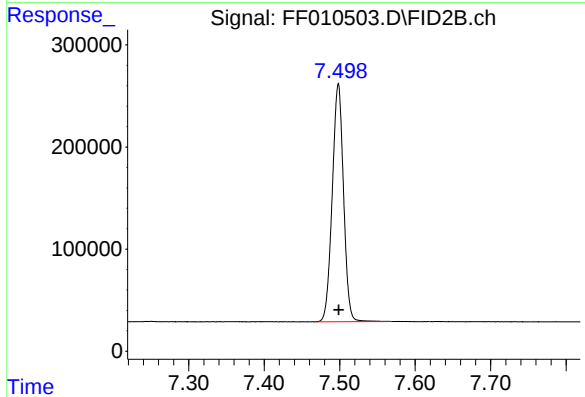
R.T.: 5.708 min  
Delta R.T.: 0.000 min  
Response: 2389742  
Conc: 19.90 ug/ml



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

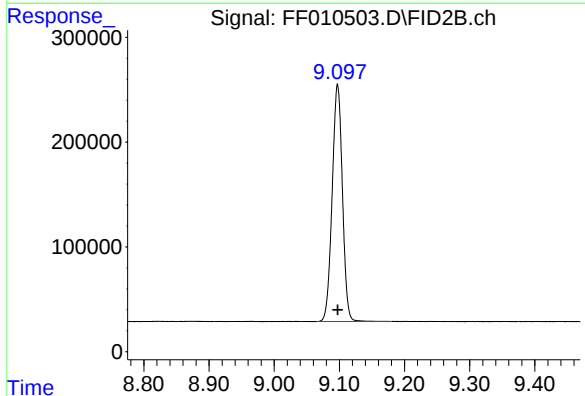
R.T.: 6.328 min  
Delta R.T.: -0.002 min  
Response: 2677155  
Conc: 19.98 ug/ml

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



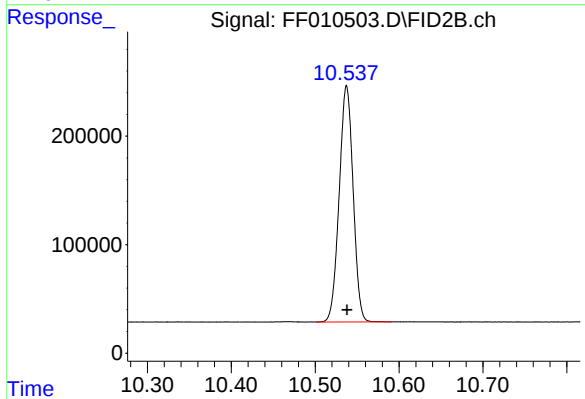
#6 n-Tetradecane (C14)

R.T.: 7.498 min  
Delta R.T.: 0.000 min  
Response: 2420077  
Conc: 20.05 ug/ml



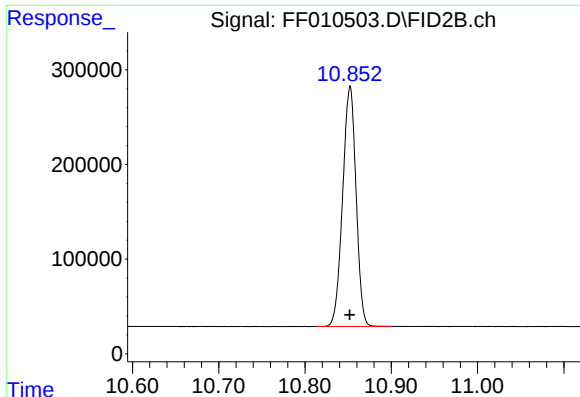
#7 n-Hexadecane (C16)

R.T.: 9.097 min  
Delta R.T.: 0.000 min  
Response: 2472343  
Conc: 20.10 ug/ml



#8 n-Octadecane (C18)

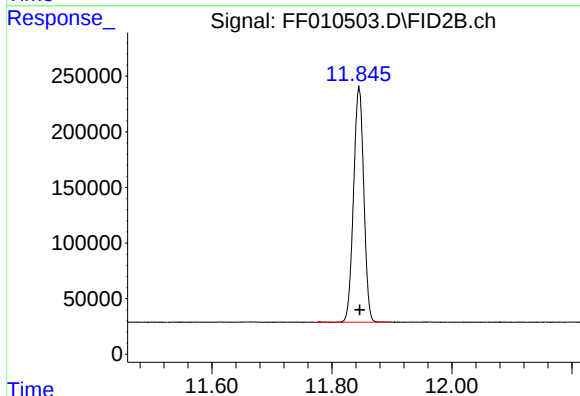
R.T.: 10.537 min  
Delta R.T.: 0.000 min  
Response: 2510917  
Conc: 20.01 ug/ml



#9 ortho-Terphenyl (SURR)

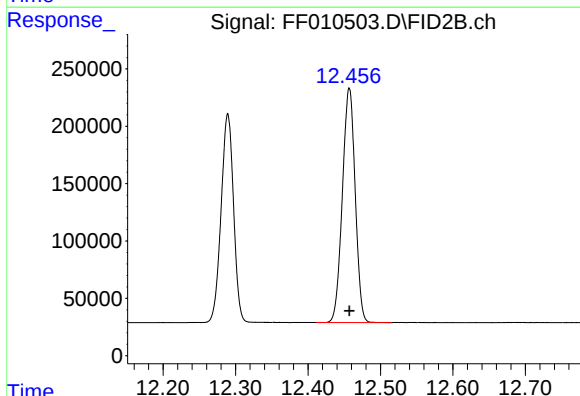
R.T.: 10.852 min  
Delta R.T.: 0.000 min  
Response: 2743687  
Conc: 19.93 ug/ml

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



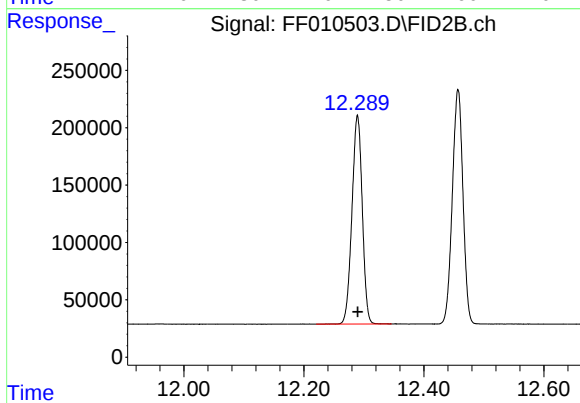
#10 n-Eicosane (C20)

R.T.: 11.845 min  
Delta R.T.: 0.000 min  
Response: 2509129  
Conc: 20.00 ug/ml



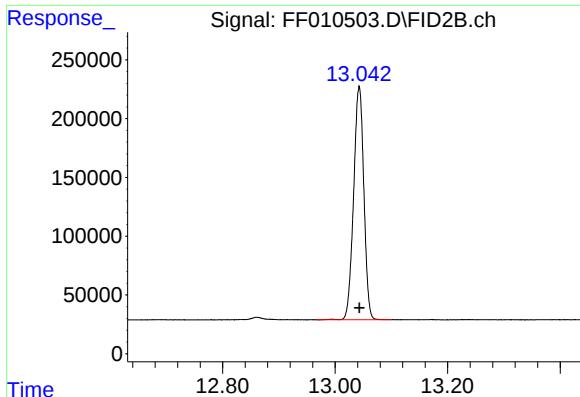
#11 n-Heneicosane (C21)

R.T.: 12.457 min  
Delta R.T.: 0.000 min  
Response: 2512233  
Conc: 19.96 ug/ml



#12 1-chlorooctadecane (SURR)

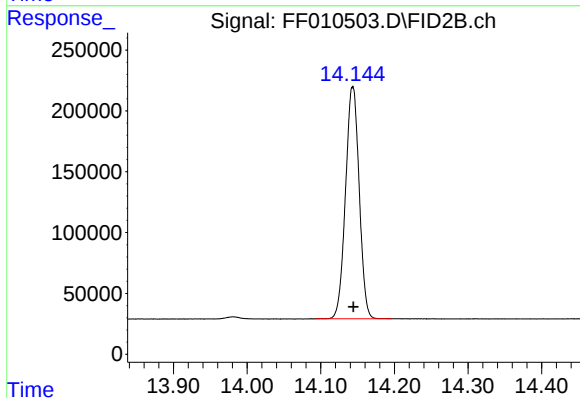
R.T.: 12.289 min  
Delta R.T.: 0.000 min  
Response: 2169461  
Conc: 19.95 ug/ml



#13 n-Docosane (C22)

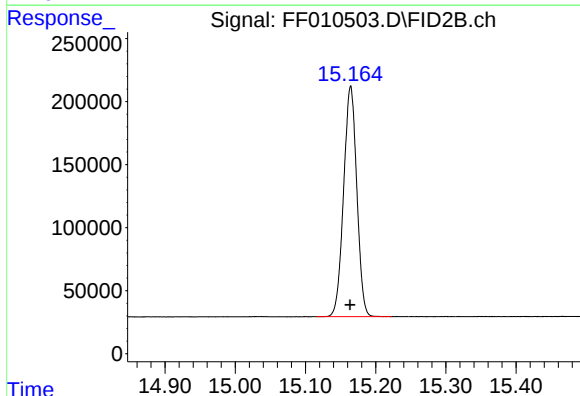
R.T.: 13.043 min  
Delta R.T.: 0.000 min  
Response: 2504045  
Conc: 20.02 ug/ml

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



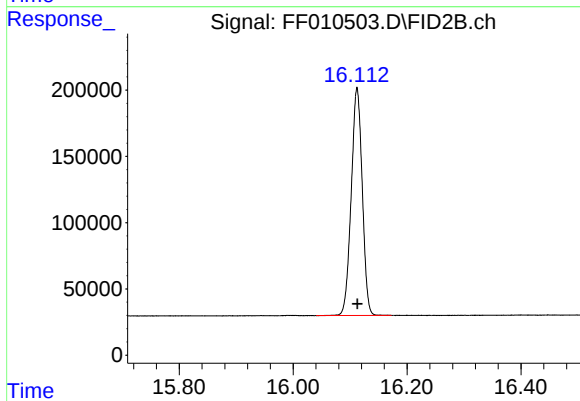
#14 n-Tetracosane (C24)

R.T.: 14.143 min  
Delta R.T.: -0.001 min  
Response: 2460337  
Conc: 19.99 ug/ml



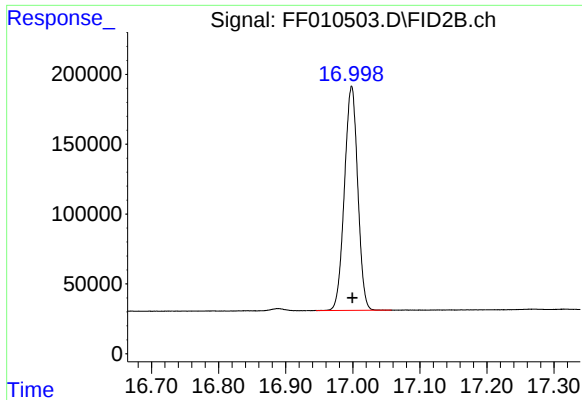
#15 n-Hexacosane (C26)

R.T.: 15.164 min  
Delta R.T.: 0.000 min  
Response: 2385655  
Conc: 20.05 ug/ml



#16 n-Octacosane (C28)

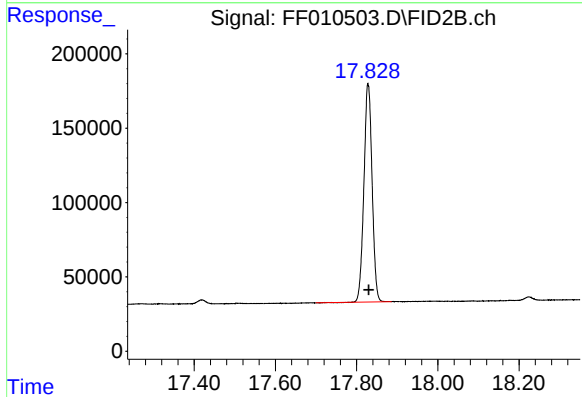
R.T.: 16.112 min  
Delta R.T.: 0.000 min  
Response: 2307475  
Conc: 20.22 ug/ml



#17 n-Tricontane (C30)

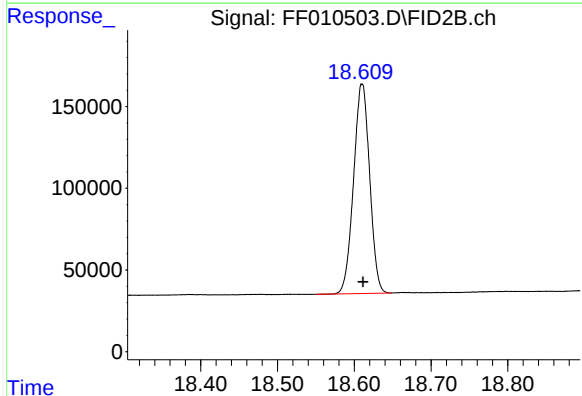
R.T.: 16.998 min  
Delta R.T.: -0.001 min  
Response: 2210194  
Conc: 20.27 ug/ml

Instrument :  
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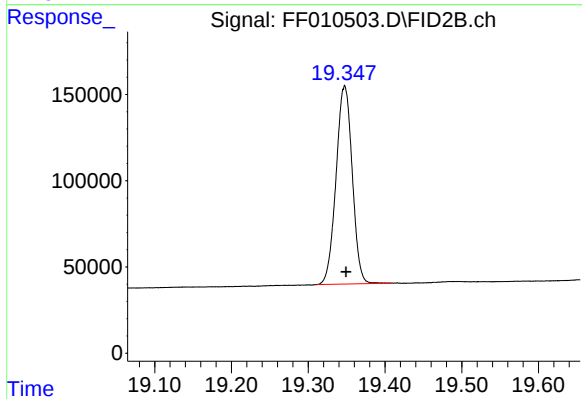
#18 n-Dotriacontane (C32)

R.T.: 17.828 min  
Delta R.T.: -0.002 min  
Response: 2057692  
Conc: 20.08 ug/ml



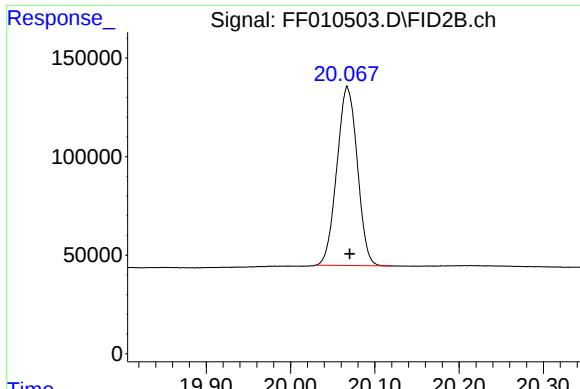
#19 n-Tetratriacontane (C34)

R.T.: 18.610 min  
Delta R.T.: -0.001 min  
Response: 1868825  
Conc: 20.25 ug/ml



#20 n-Hexatriacontane (C36)

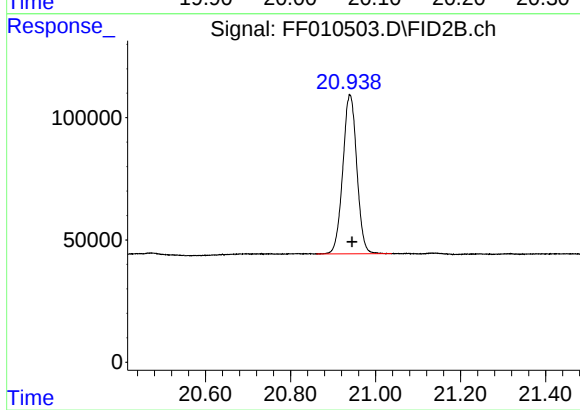
R.T.: 19.347 min  
Delta R.T.: -0.002 min  
Response: 1682483  
Conc: 20.16 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.067 min  
Delta R.T.: -0.003 min  
Response: 1525859  
Conc: 20.50 ug/ml

Instrument :  
FID\_F  
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#22 n-Tetracontane (C40)

R.T.: 20.940 min  
Delta R.T.: -0.005 min  
Response: 1486412  
Conc: 19.88 ug/ml