

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE070324AL\  
 Data File : FE048970.D  
 Signal(s) : FID1B.ch  
 Acq On : 03 Jul 2024 12:21  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 100 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Jul 04 01:15:25 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 062124.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jun 20 17:53:58 2024  
 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)    | 11.932 | 2848548    | 17.036 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 34.07%       |
| 12) S 1-chlorooctadecane (S... | 13.366 | 2163308    | 16.823 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 33.65%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.319  | 2789461    | 18.554 ug/ml |
| 2) T n-Decane (C10)            | 4.568  | 2839365    | 18.451 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.275  | 2905066    | 18.299 ug/ml |
| 4) T n-Dodecane (C12)          | 6.734  | 2833434    | 18.354 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.371  | 2746220    | 18.134 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.562  | 2779846    | 18.138 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.169 | 2839694    | 18.162 ug/ml |
| 8) T n-Octadecane (C18)        | 11.612 | 2819203    | 17.677 ug/ml |
| 10) T n-Eicosane (C20)         | 12.920 | 2671213    | 17.230 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.533 | 2611591    | 17.152 ug/ml |
| 13) T n-Docosane (C22)         | 14.118 | 2579302    | 17.055 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.220 | 2560366    | 17.037 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.241 | 2542104    | 17.219 ug/ml |
| 16) T n-Octacosane (C28)       | 17.189 | 2493801    | 17.292 ug/ml |
| 17) T n-Tricontane (C30)       | 18.077 | 2592733    | 17.722 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.909 | 2490978    | 17.422 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.692 | 2492924    | 18.016 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.431 | 2509851    | 19.311 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.167 | 2579883    | 20.125 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.082 | 2768275    | 22.606 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

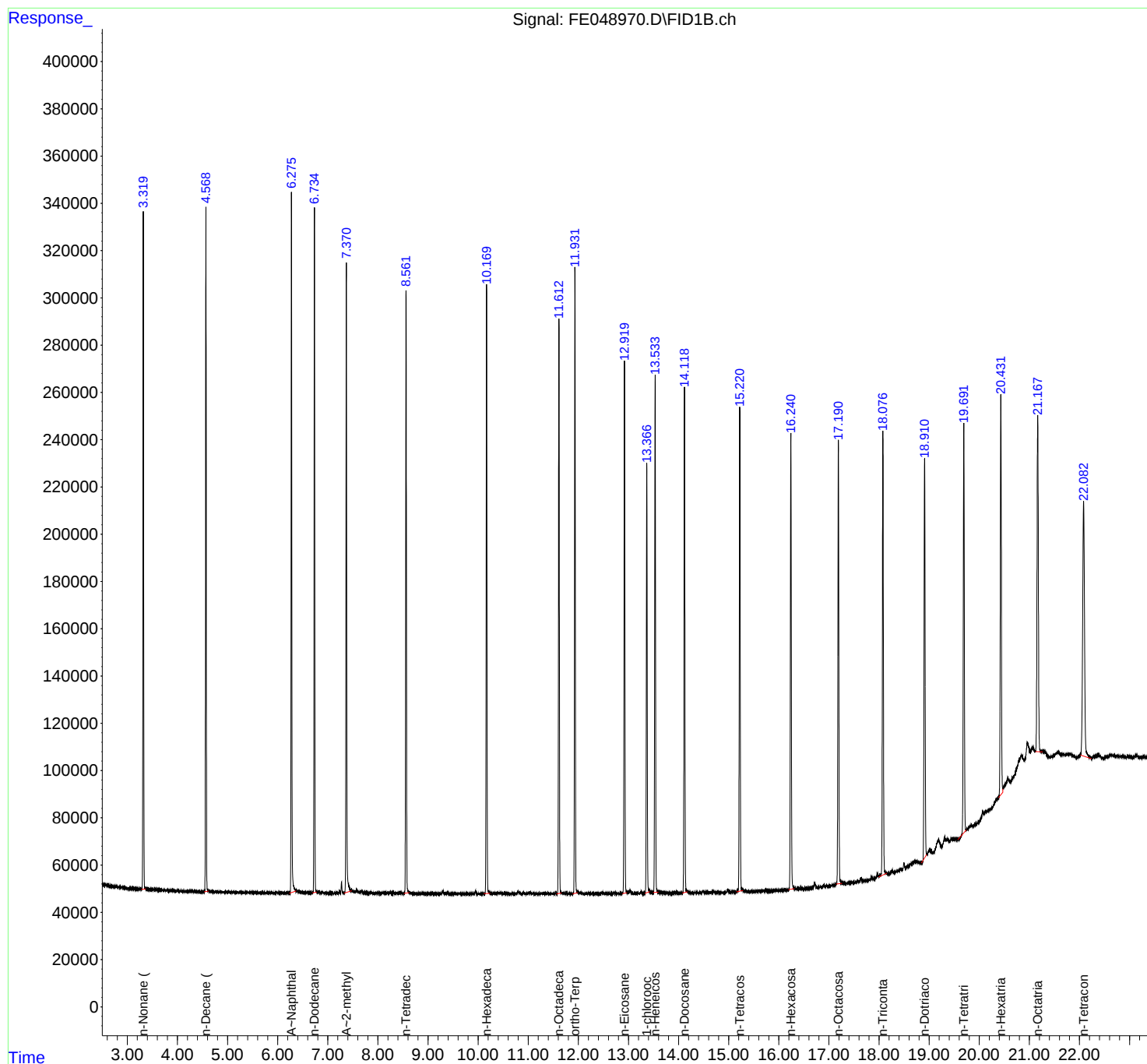
(m)=manual int.

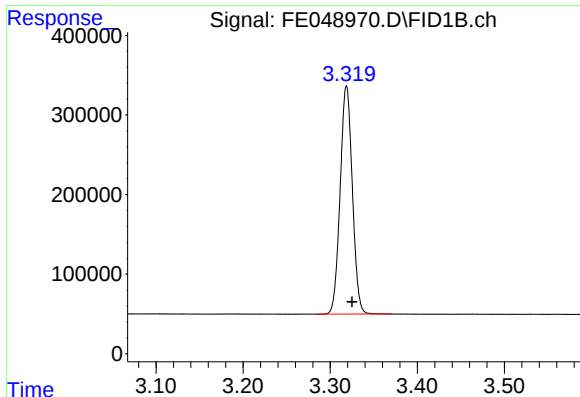
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE070324AL\  
Data File : FE048970.D  
Signal(s) : FID1B.ch  
Acq On : 03 Jul 2024 12:21  
Operator : YP\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 100 Sample Multiplier: 1

Instrument :  
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20 PPM ALIPHATIC HC STD

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QLast Update : Thu Jun 20 17:53:58 2024  
Response via : Initial Calibration  
Integrator: ChemStation

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

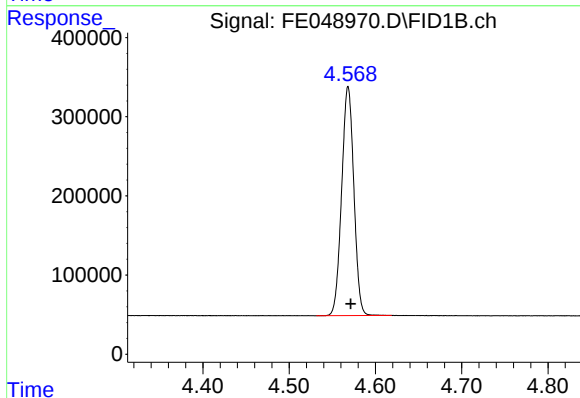




#1 n-Nonane (C9)

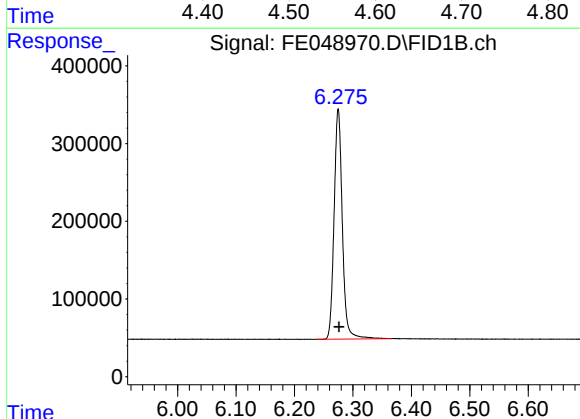
R.T.: 3.319 min  
Delta R.T.: -0.006 min  
Response: 2789461  
Conc: 18.55 ug/ml

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



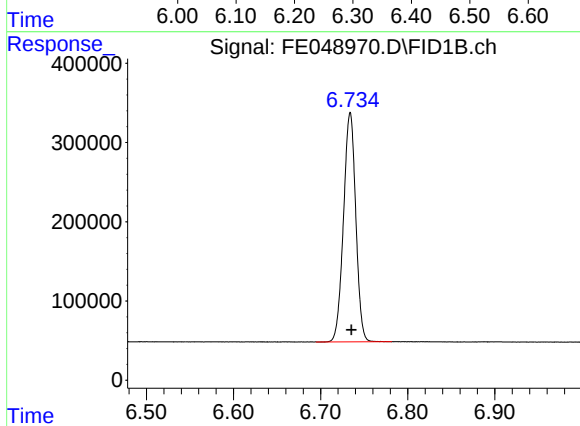
#2 n-Decane (C10)

R.T.: 4.568 min  
Delta R.T.: -0.003 min  
Response: 2839365  
Conc: 18.45 ug/ml



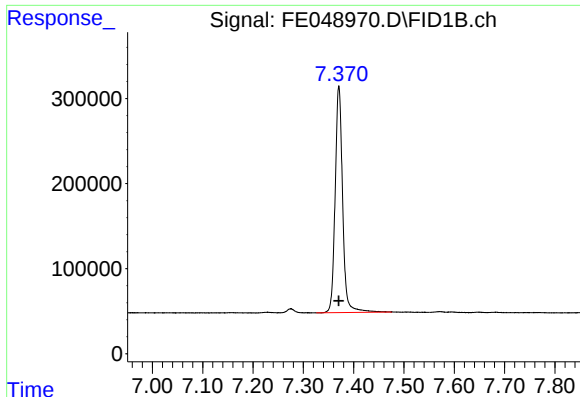
#3 A~Naphthalene (C11.7)

R.T.: 6.275 min  
Delta R.T.: -0.001 min  
Response: 2905066  
Conc: 18.30 ug/ml



#4 n-Dodecane (C12)

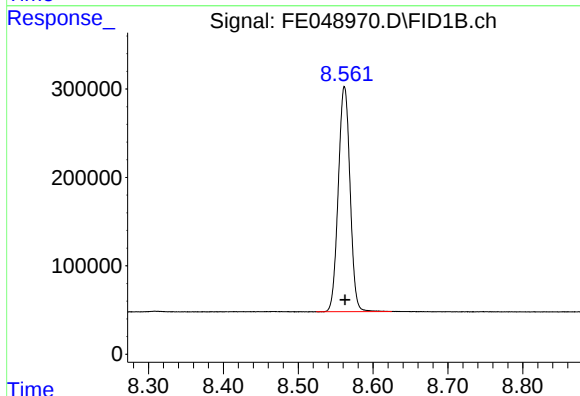
R.T.: 6.734 min  
Delta R.T.: -0.001 min  
Response: 2833434  
Conc: 18.35 ug/ml



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

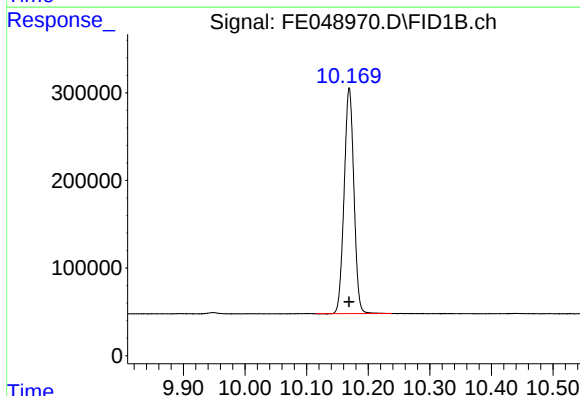
R.T.: 7.371 min  
Delta R.T.: 0.000 min  
Response: 2746220  
Conc: 18.13 ug/ml

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



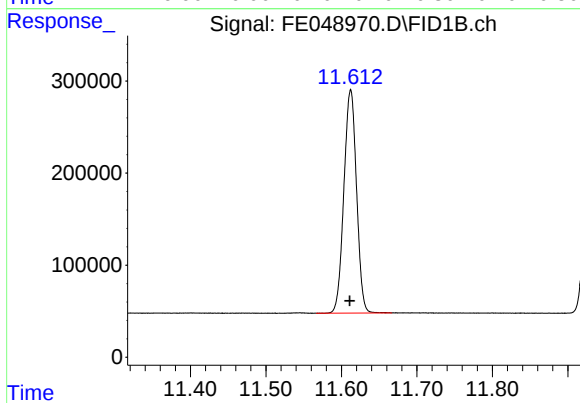
#6 n-Tetradecane (C14)

R.T.: 8.562 min  
Delta R.T.: 0.000 min  
Response: 2779846  
Conc: 18.14 ug/ml



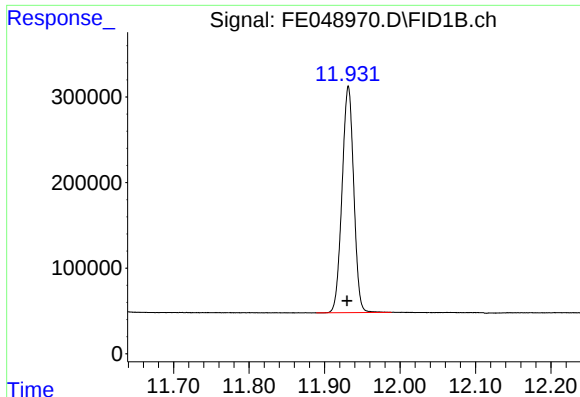
#7 n-Hexadecane (C16)

R.T.: 10.169 min  
Delta R.T.: 0.000 min  
Response: 2839694  
Conc: 18.16 ug/ml



#8 n-Octadecane (C18)

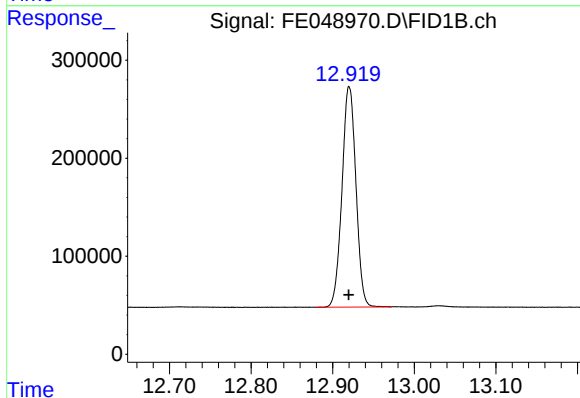
R.T.: 11.612 min  
Delta R.T.: 0.001 min  
Response: 2819203  
Conc: 17.68 ug/ml



#9 ortho-Terphenyl (SURR)

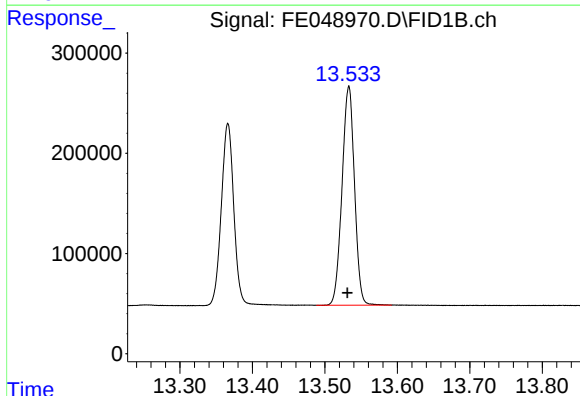
R.T.: 11.932 min  
Delta R.T.: 0.002 min  
Response: 2848548  
Conc: 17.04 ug/ml

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



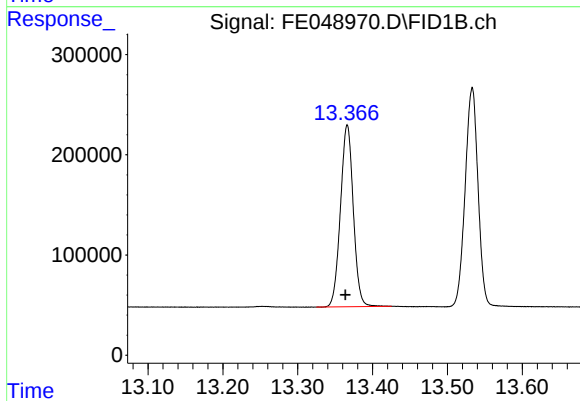
#10 n-Eicosane (C20)

R.T.: 12.920 min  
Delta R.T.: 0.000 min  
Response: 2671213  
Conc: 17.23 ug/ml



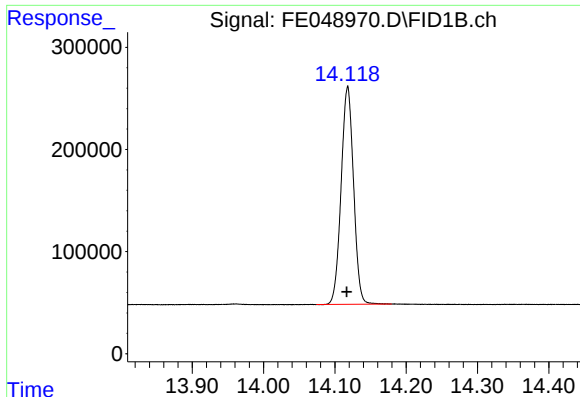
#11 n-Heneicosane (C21)

R.T.: 13.533 min  
Delta R.T.: 0.002 min  
Response: 2611591  
Conc: 17.15 ug/ml



#12 1-chlorooctadecane (SURR)

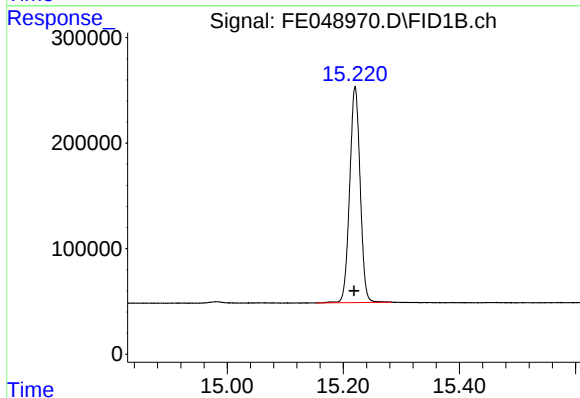
R.T.: 13.366 min  
Delta R.T.: 0.002 min  
Response: 2163308  
Conc: 16.82 ug/ml



#13 n-Docosane (C22)

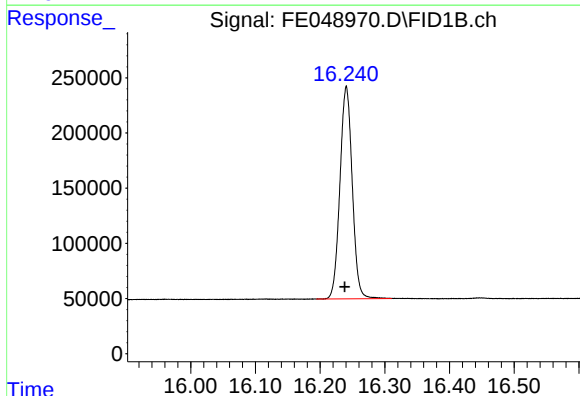
R.T.: 14.118 min  
Delta R.T.: 0.001 min  
Response: 2579302  
Conc: 17.06 ug/ml

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



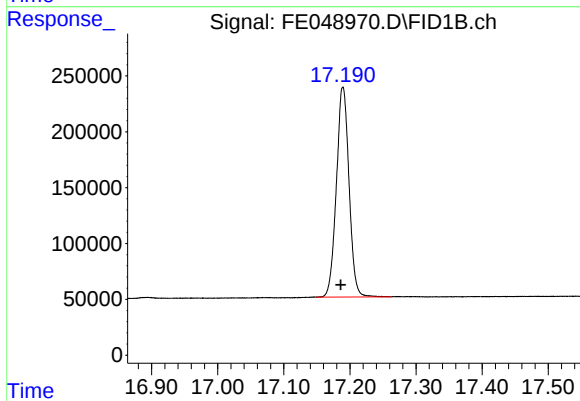
#14 n-Tetracosane (C24)

R.T.: 15.220 min  
Delta R.T.: 0.002 min  
Response: 2560366  
Conc: 17.04 ug/ml



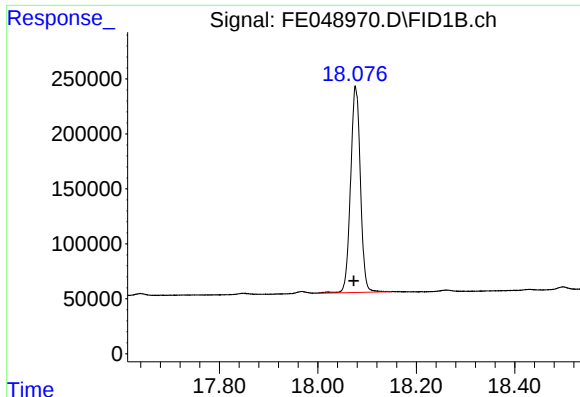
#15 n-Hexacosane (C26)

R.T.: 16.241 min  
Delta R.T.: 0.002 min  
Response: 2542104  
Conc: 17.22 ug/ml



#16 n-Octacosane (C28)

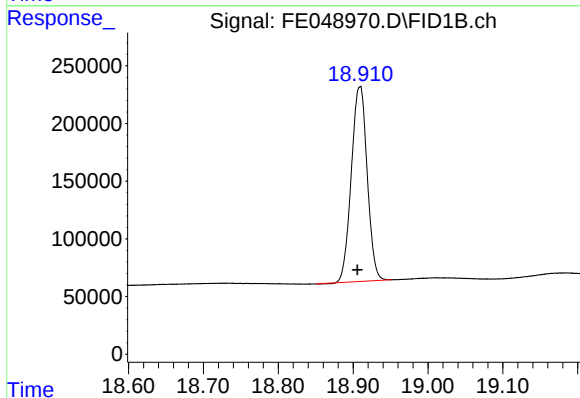
R.T.: 17.189 min  
Delta R.T.: 0.003 min  
Response: 2493801  
Conc: 17.29 ug/ml



#17 n-Tricontane (C30)

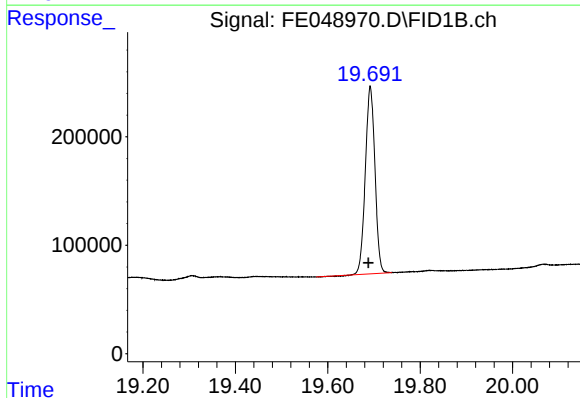
R.T.: 18.077 min  
Delta R.T.: 0.003 min  
Response: 2592733  
Conc: 17.72 ug/ml

Instrument :  
FID\_E  
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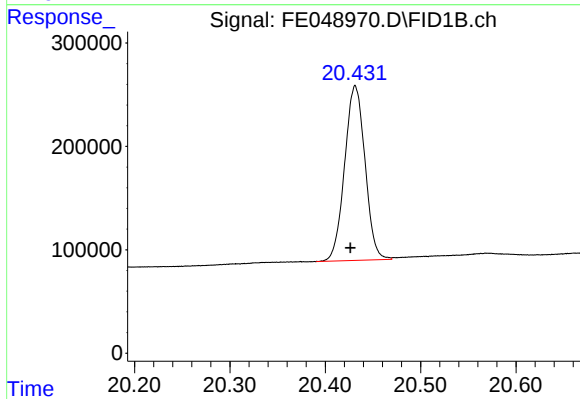
#18 n-Dotriacontane (C32)

R.T.: 18.909 min  
Delta R.T.: 0.004 min  
Response: 2490978  
Conc: 17.42 ug/ml



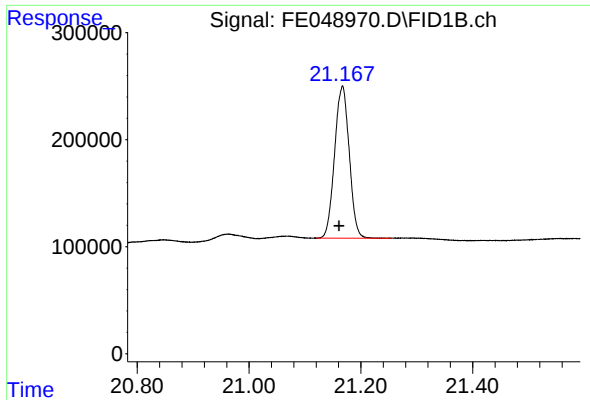
#19 n-Tetratriacontane (C34)

R.T.: 19.692 min  
Delta R.T.: 0.004 min  
Response: 2492924  
Conc: 18.02 ug/ml



#20 n-Hexatriacontane (C36)

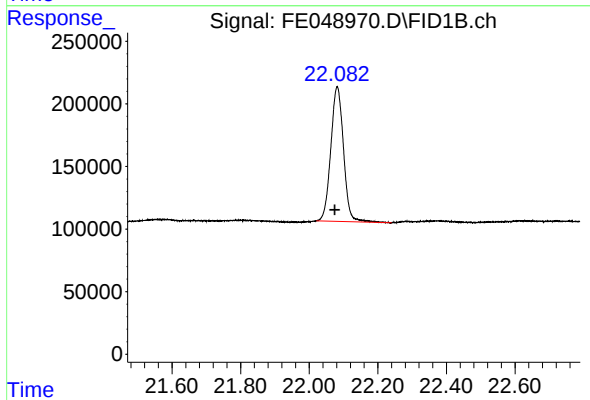
R.T.: 20.431 min  
Delta R.T.: 0.005 min  
Response: 2509851  
Conc: 19.31 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.167 min  
Delta R.T.: 0.006 min  
Response: 2579883  
Conc: 20.12 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 22.082 min  
Delta R.T.: 0.008 min  
Response: 2768275  
Conc: 22.61 ug/ml