

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE052924AL\  
 Data File : FE048422.D  
 Signal(s) : FID1B.ch  
 Acq On : 29 May 2024 07:03  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 6 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: May 29 09:01:10 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 052524.M  
 Quant Title : GC Extractables  
 QLast Update : Fri May 24 16:28:51 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)    | 11.955 | 2932849    | 20.424 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.85%       |
| 12) S 1-chlorooctadecane (S... | 13.389 | 2223767    | 20.412 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.82%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.341  | 3011441    | 20.143 ug/ml |
| 2) T n-Decane (C10)            | 4.590  | 3090360    | 20.466 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.297  | 3056692    | 20.529 ug/ml |
| 4) T n-Dodecane (C12)          | 6.756  | 3037597    | 20.521 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.393  | 2864140    | 20.657 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.584  | 2905006    | 20.482 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.191 | 2898019    | 20.556 ug/ml |
| 8) T n-Octadecane (C18)        | 11.634 | 2850186    | 20.522 ug/ml |
| 10) T n-Eicosane (C20)         | 12.944 | 2710385    | 20.481 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.556 | 2649614    | 20.456 ug/ml |
| 13) T n-Docosane (C22)         | 14.141 | 2666954    | 20.696 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.242 | 2756458    | 21.277 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.264 | 2792002    | 21.542 ug/ml |
| 16) T n-Octacosane (C28)       | 17.212 | 2851703    | 22.063 ug/ml |
| 17) T n-Tricontane (C30)       | 18.099 | 2976640    | 22.220 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.931 | 2969654    | 21.877 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.715 | 2875079    | 21.017 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.454 | 2813613    | 20.698 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.193 | 2772197    | 20.328 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.113 | 2752002    | 20.099 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

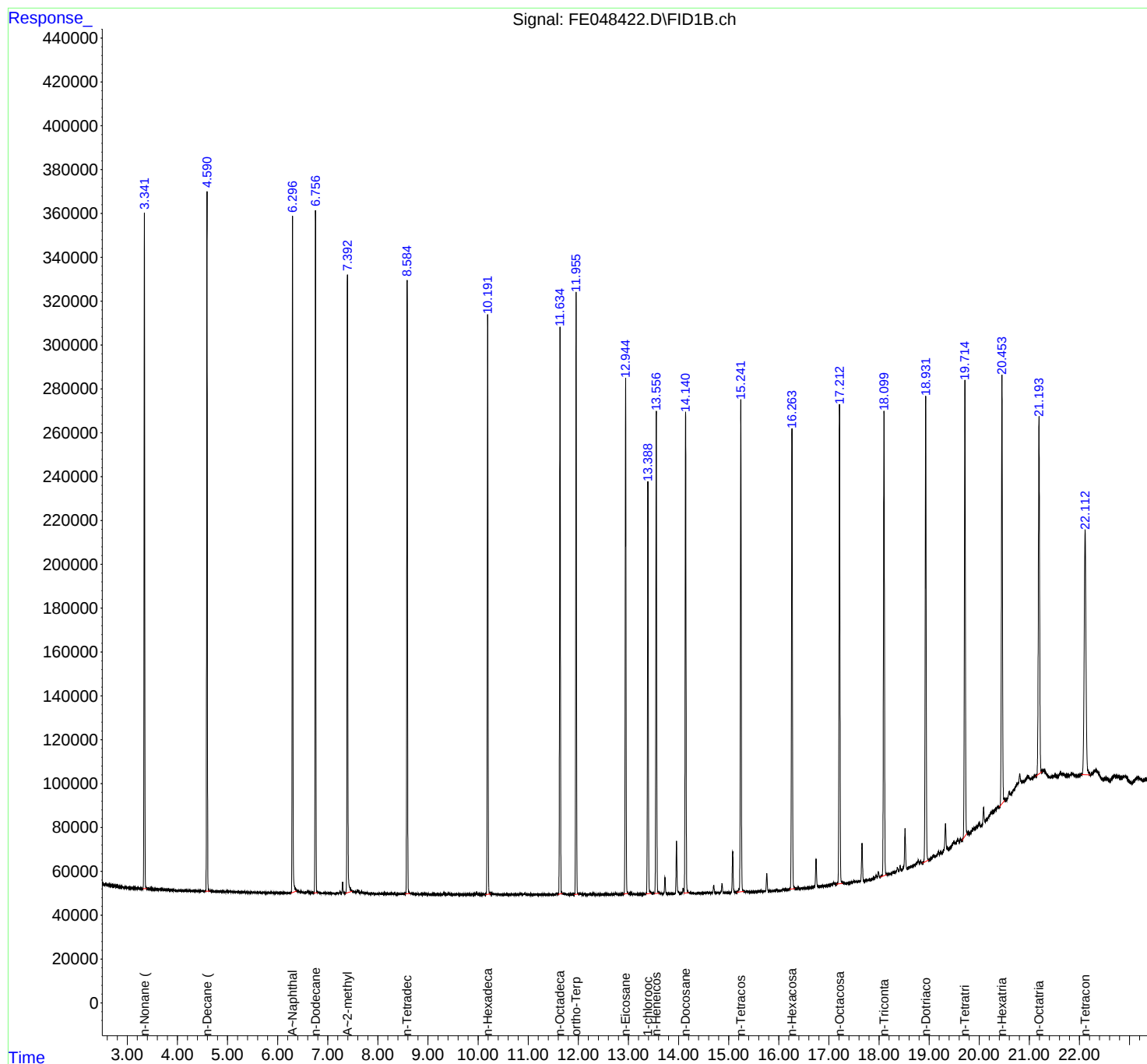
(m)=manual int.

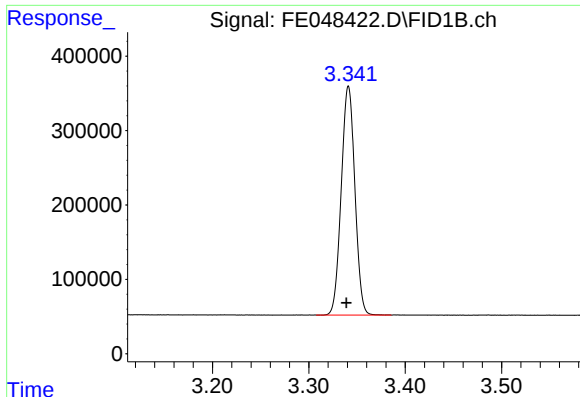
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE052924AL\  
Data File : FE048422.D  
Signal(s) : FID1B.ch  
Acq On : 29 May 2024 07:03  
Operator : YP\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 6 Sample Multiplier: 1

Instrument :  
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20 PPM ALIPHATIC HC STD

Integration File: autoint1.e  
Quant Time: May 29 09:01:10 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 052524.M  
Quant Title : GC Extractables  
QLast Update : Fri May 24 16:28:51 2024  
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

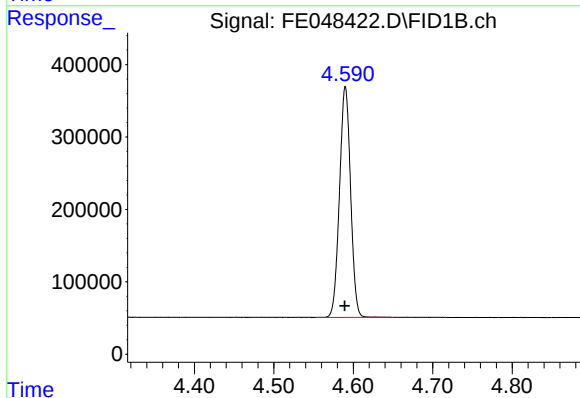




#1 n-Nonane (C9)

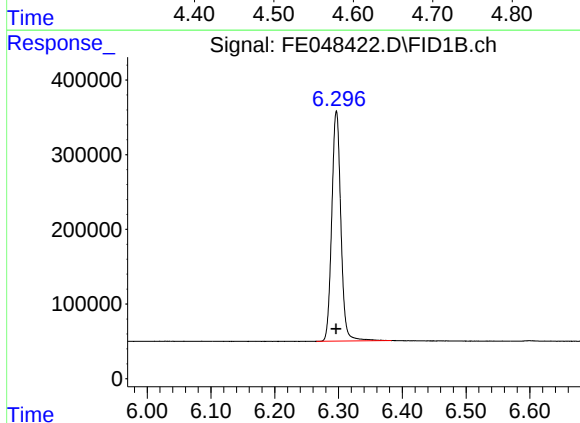
R.T.: 3.341 min  
Delta R.T.: 0.002 min  
Response: 3011441  
Conc: 20.14 ug/ml

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



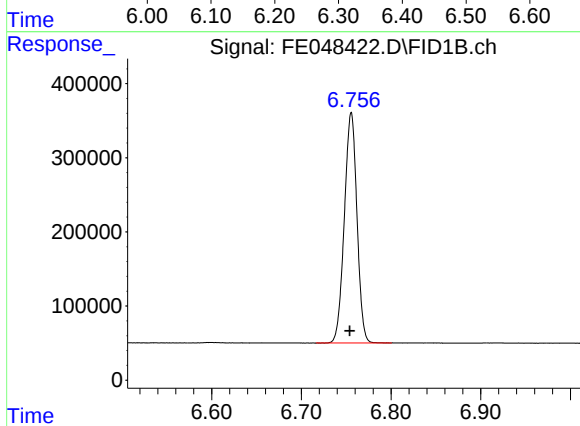
#2 n-Decane (C10)

R.T.: 4.590 min  
Delta R.T.: 0.001 min  
Response: 3090360  
Conc: 20.47 ug/ml



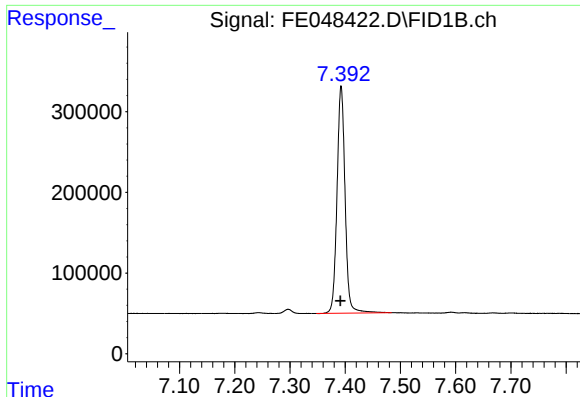
#3 A~Naphthalene (C11.7)

R.T.: 6.297 min  
Delta R.T.: 0.000 min  
Response: 3056692  
Conc: 20.53 ug/ml



#4 n-Dodecane (C12)

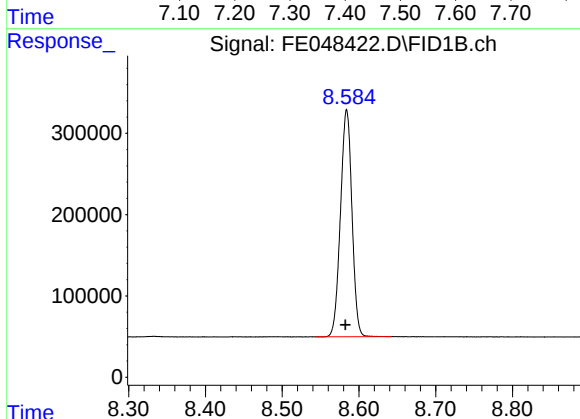
R.T.: 6.756 min  
Delta R.T.: 0.002 min  
Response: 3037597  
Conc: 20.52 ug/ml



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

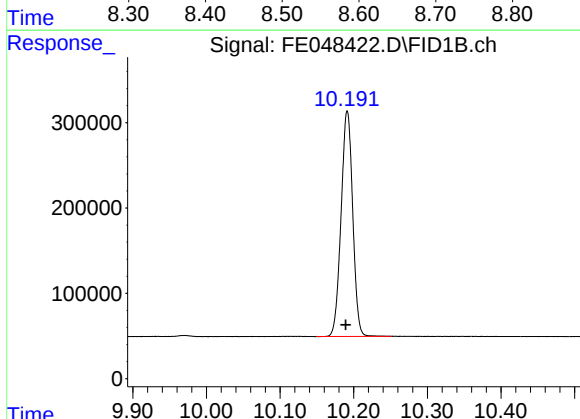
R.T.: 7.393 min  
Delta R.T.: 0.001 min  
Response: 2864140  
Conc: 20.66 ug/ml

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



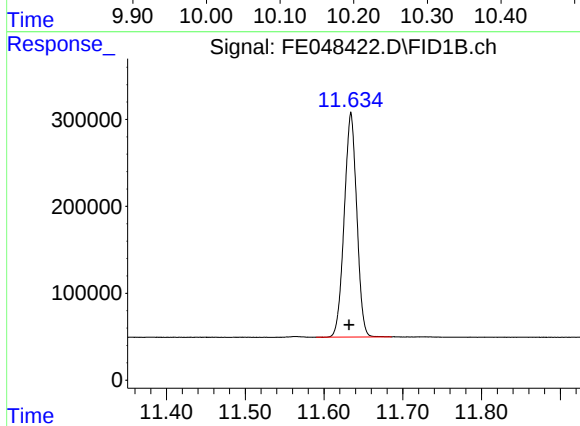
#6 n-Tetradecane (C14)

R.T.: 8.584 min  
Delta R.T.: 0.002 min  
Response: 2905006  
Conc: 20.48 ug/ml



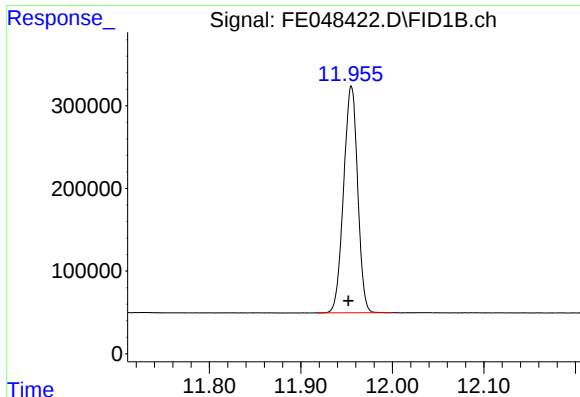
#7 n-Hexadecane (C16)

R.T.: 10.191 min  
Delta R.T.: 0.002 min  
Response: 2898019  
Conc: 20.56 ug/ml



#8 n-Octadecane (C18)

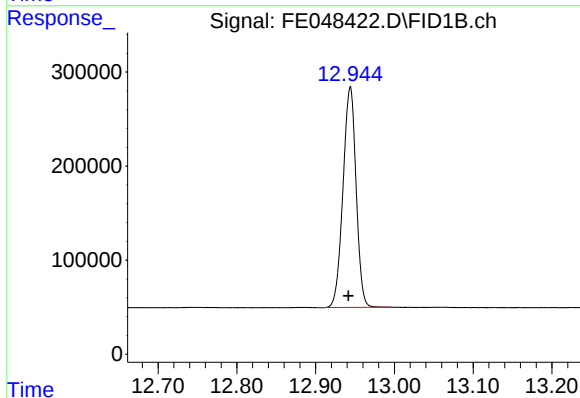
R.T.: 11.634 min  
Delta R.T.: 0.002 min  
Response: 2850186  
Conc: 20.52 ug/ml



#9 ortho-Terphenyl (SURR)

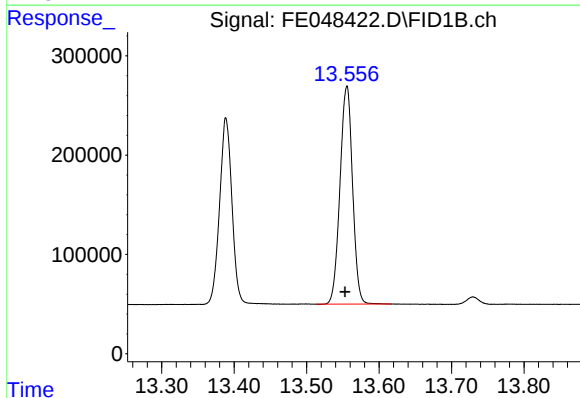
R.T.: 11.955 min  
Delta R.T.: 0.003 min  
Response: 2932849  
Conc: 20.42 ug/ml

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



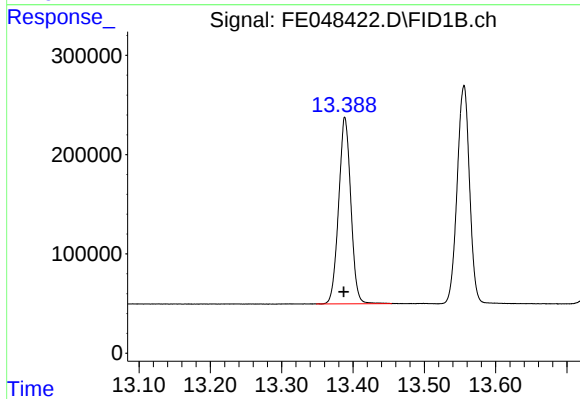
#10 n-Eicosane (C20)

R.T.: 12.944 min  
Delta R.T.: 0.002 min  
Response: 2710385  
Conc: 20.48 ug/ml



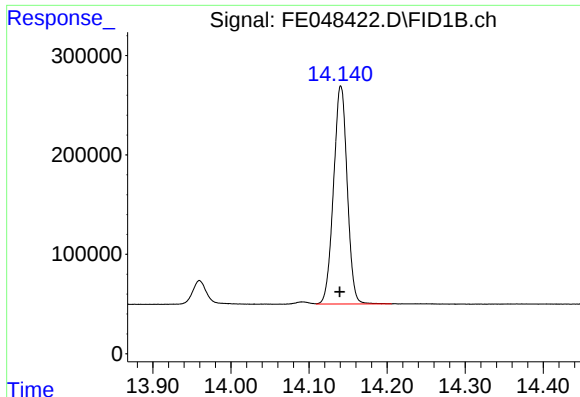
#11 n-Heneicosane (C21)

R.T.: 13.556 min  
Delta R.T.: 0.003 min  
Response: 2649614  
Conc: 20.46 ug/ml



#12 1-chlorooctadecane (SURR)

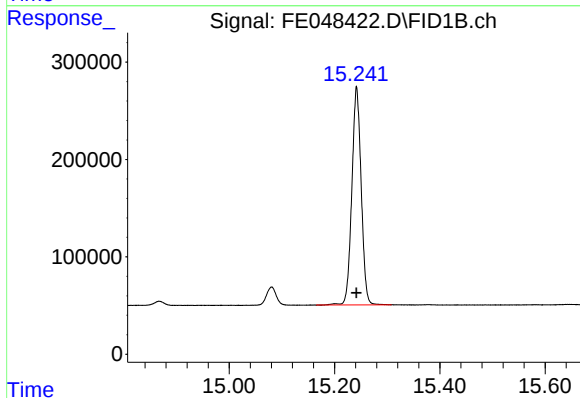
R.T.: 13.389 min  
Delta R.T.: 0.002 min  
Response: 2223767  
Conc: 20.41 ug/ml



#13 n-Docosane (C22)

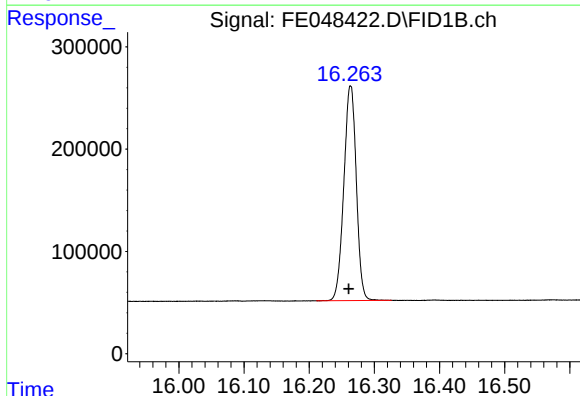
R.T.: 14.141 min  
Delta R.T.: 0.001 min  
Response: 2666954  
Conc: 20.70 ug/ml

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



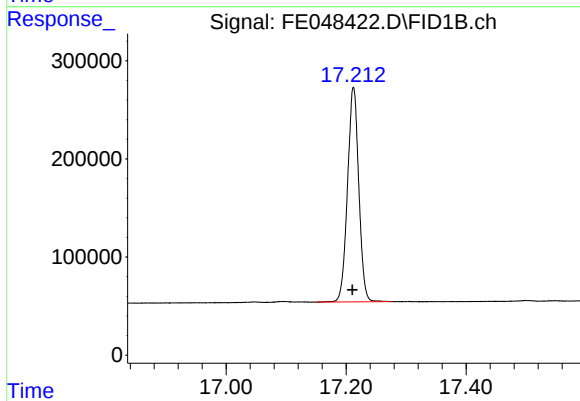
#14 n-Tetracosane (C24)

R.T.: 15.242 min  
Delta R.T.: 0.000 min  
Response: 2756458  
Conc: 21.28 ug/ml



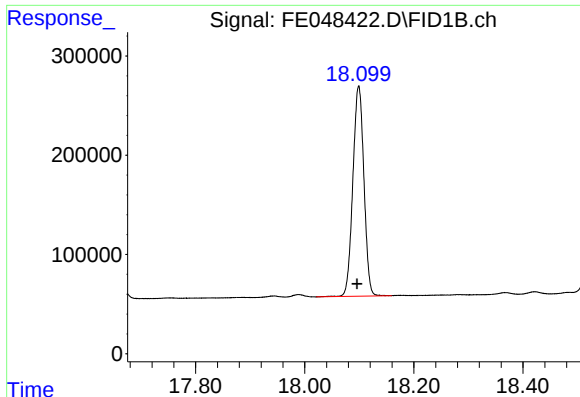
#15 n-Hexacosane (C26)

R.T.: 16.264 min  
Delta R.T.: 0.003 min  
Response: 2792002  
Conc: 21.54 ug/ml



#16 n-Octacosane (C28)

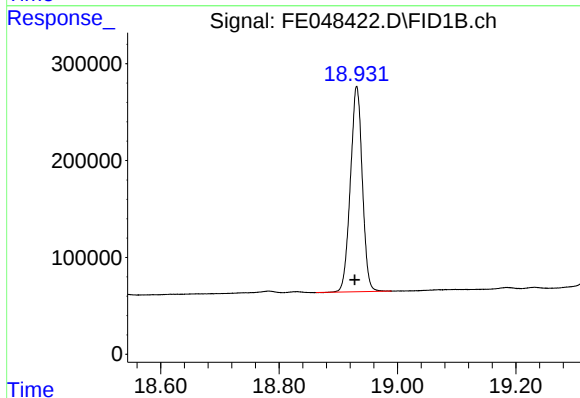
R.T.: 17.212 min  
Delta R.T.: 0.002 min  
Response: 2851703  
Conc: 22.06 ug/ml



#17 n-Tricontane (C30)

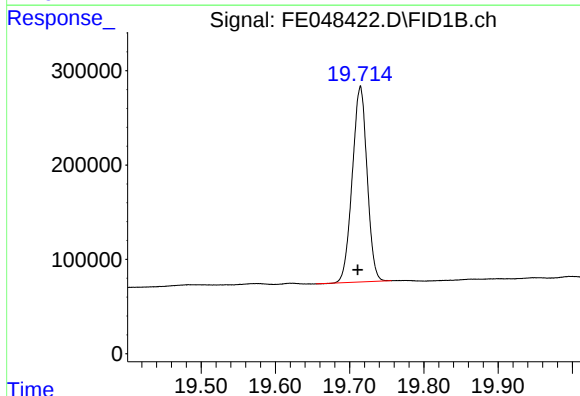
R.T.: 18.099 min  
Delta R.T.: 0.003 min  
Response: 2976640  
Conc: 22.22 ug/ml

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



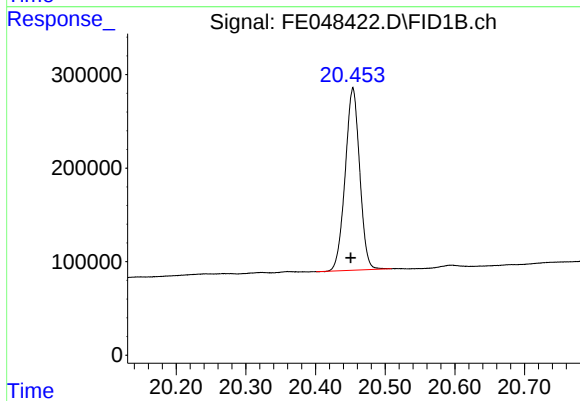
#18 n-Dotriacontane (C32)

R.T.: 18.931 min  
Delta R.T.: 0.003 min  
Response: 2969654  
Conc: 21.88 ug/ml



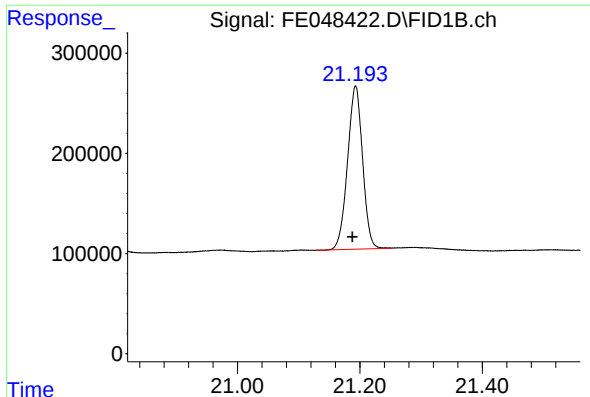
#19 n-Tetratriacontane (C34)

R.T.: 19.715 min  
Delta R.T.: 0.003 min  
Response: 2875079  
Conc: 21.02 ug/ml



#20 n-Hexatriacontane (C36)

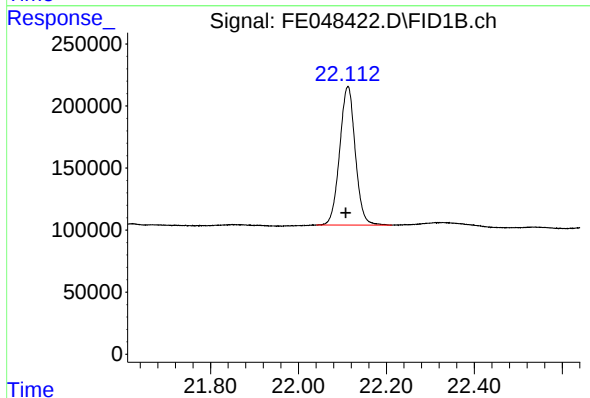
R.T.: 20.454 min  
Delta R.T.: 0.003 min  
Response: 2813613  
Conc: 20.70 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.193 min  
Delta R.T.: 0.005 min  
Response: 2772197  
Conc: 20.33 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 22.113 min  
Delta R.T.: 0.005 min  
Response: 2752002  
Conc: 20.10 ug/ml