

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE071923AL\  
 Data File : FE043313.D  
 Signal(s) : FID1B.ch  
 Acq On : 19 Jul 2023 07:56  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Jul 20 01:15:56 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 071323.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jul 13 03:02:53 2023  
 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)    | 11.893 | 3745110    | 20.915 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.83%       |
| 12) S 1-chlorooctadecane (S... | 13.329 | 2763269    | 21.030 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 42.06%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.272  | 3142682    | 20.583 ug/ml |
| 2) T n-Decane (C10)            | 4.524  | 3227270    | 20.701 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.234  | 3392173    | 21.081 ug/ml |
| 4) T n-Dodecane (C12)          | 6.694  | 3275612    | 20.788 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.332  | 3230909    | 21.292 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.523  | 3260829    | 20.616 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.131 | 3376081    | 20.861 ug/ml |
| 8) T n-Octadecane (C18)        | 11.574 | 3401461    | 20.866 ug/ml |
| 10) T n-Eicosane (C20)         | 12.883 | 3253033    | 20.938 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.494 | 3163615    | 20.882 ug/ml |
| 13) T n-Docosane (C22)         | 14.080 | 3127399    | 20.926 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.183 | 3053544    | 20.792 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.203 | 2966459    | 20.828 ug/ml |
| 16) T n-Octacosane (C28)       | 17.154 | 2910622    | 20.686 ug/ml |
| 17) T n-Tricontane (C30)       | 18.041 | 3031715    | 20.580 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.874 | 3042432    | 20.532 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.658 | 2961782    | 20.522 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.397 | 2858287    | 19.447 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.134 | 2839502    | 19.905 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.044 | 2857194    | 19.360 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

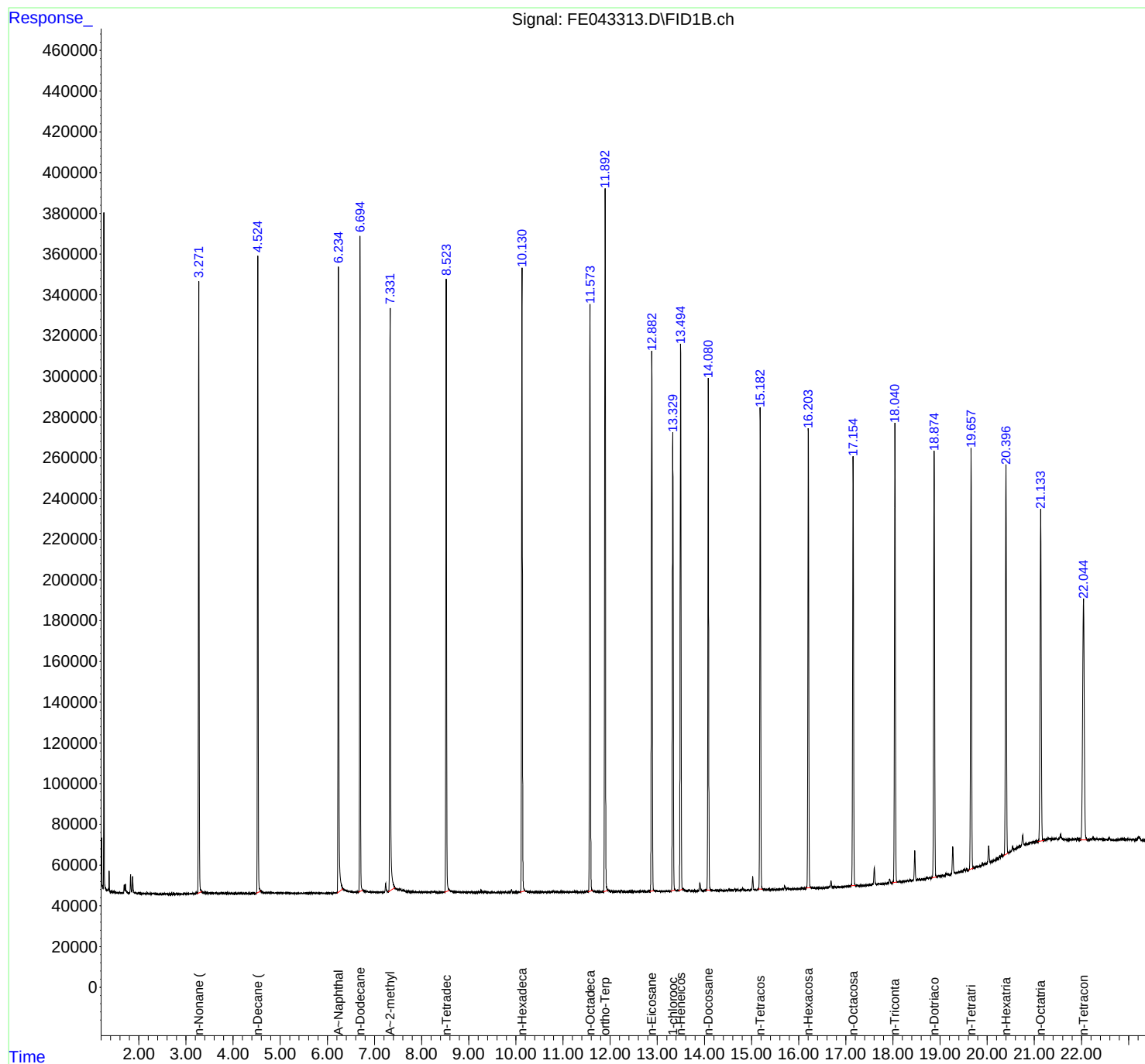
(m)=manual int.

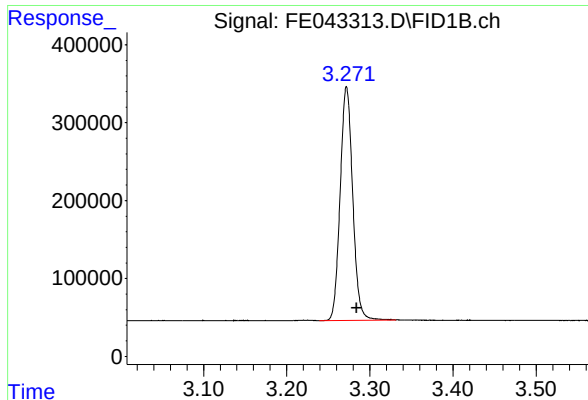
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE071923AL\  
Data File : FE043313.D  
Signal(s) : FID1B.ch  
Acq On : 19 Jul 2023 07:56  
Operator : YP\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

Instrument :  
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20 PPM ALIPHATIC HC STD

Integration File: autoint1.e  
Quant Time: Jul 20 01:15:56 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 071323.M  
Quant Title : GC Extractables  
QLast Update : Thu Jul 13 03:02:53 2023  
Response via : Initial Calibration  
Integrator: ChemStation

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

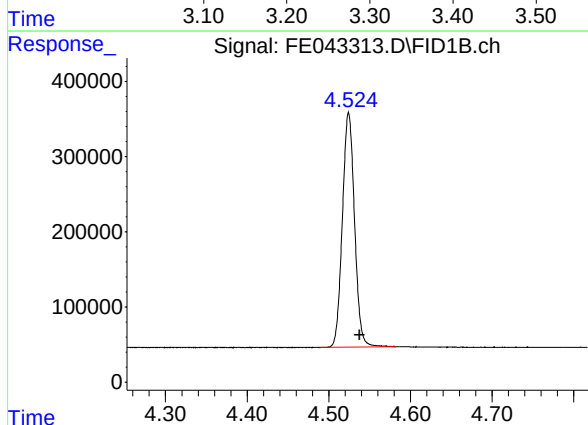




#1 n-Nonane (C9)

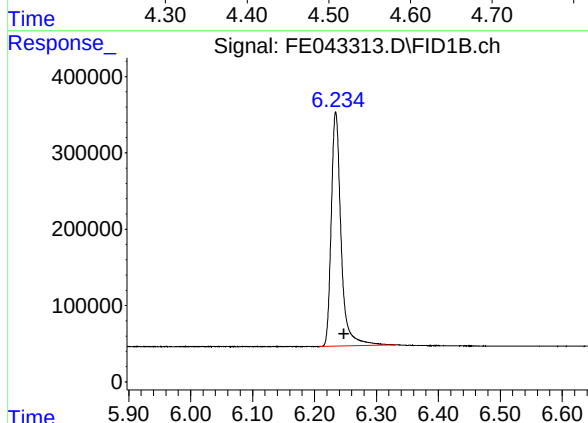
R.T.: 3.272 min  
Delta R.T.: -0.012 min  
Response: 3142682  
Conc: 20.58 ug/ml

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



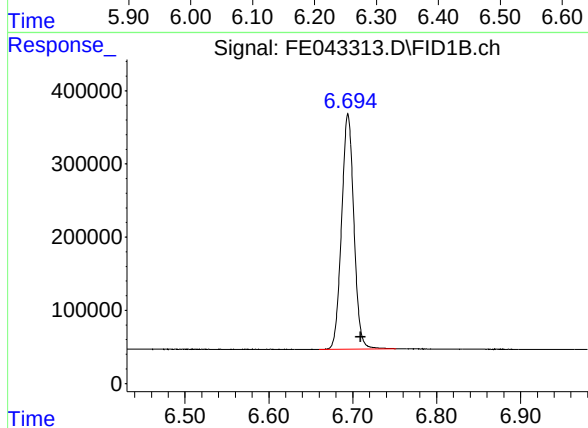
#2 n-Decane (C10)

R.T.: 4.524 min  
Delta R.T.: -0.014 min  
Response: 3227270  
Conc: 20.70 ug/ml



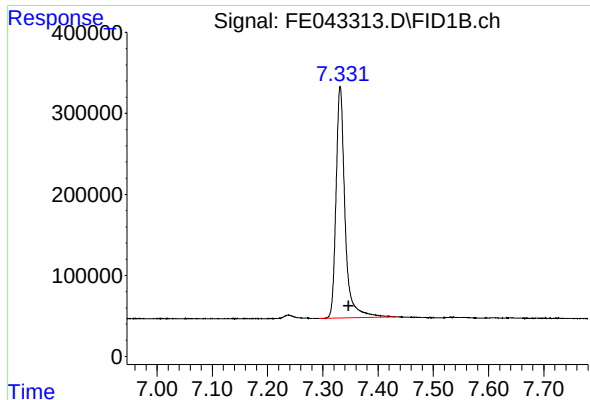
#3 A~Naphthalene (C11.7)

R.T.: 6.234 min  
Delta R.T.: -0.014 min  
Response: 3392173  
Conc: 21.08 ug/ml



#4 n-Dodecane (C12)

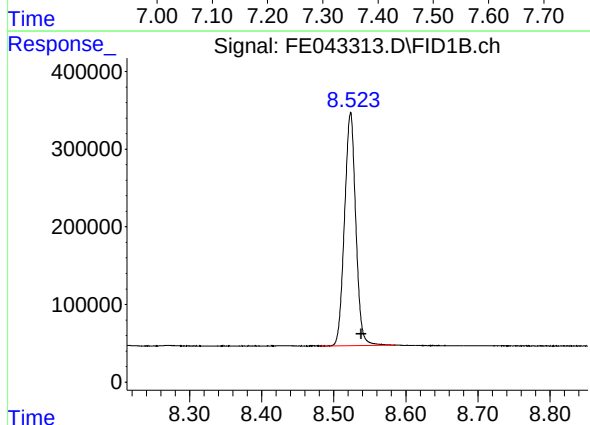
R.T.: 6.694 min  
Delta R.T.: -0.015 min  
Response: 3275612  
Conc: 20.79 ug/ml



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

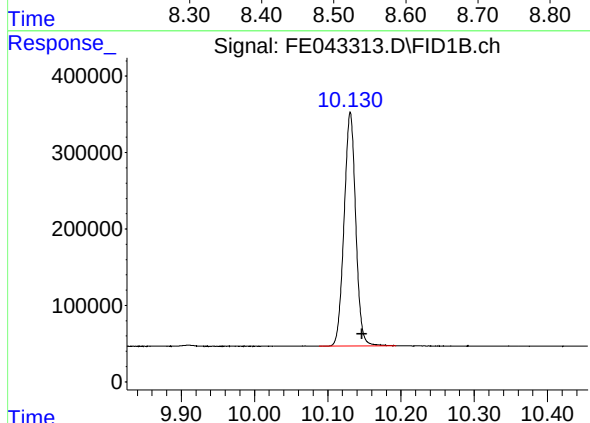
R.T.: 7.332 min  
Delta R.T.: -0.015 min  
Response: 3230909  
Conc: 21.29 ug/ml

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



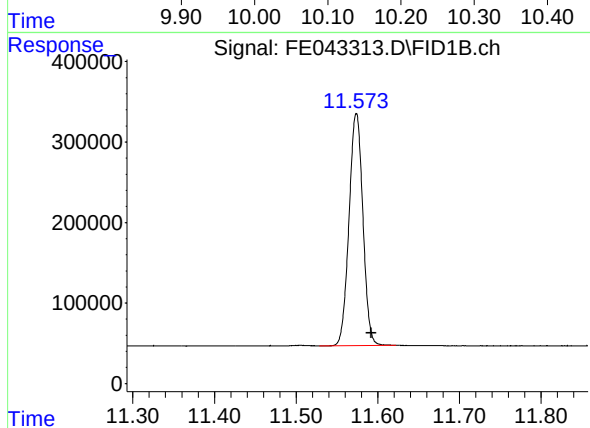
#6 n-Tetradecane (C14)

R.T.: 8.523 min  
Delta R.T.: -0.015 min  
Response: 3260829  
Conc: 20.62 ug/ml



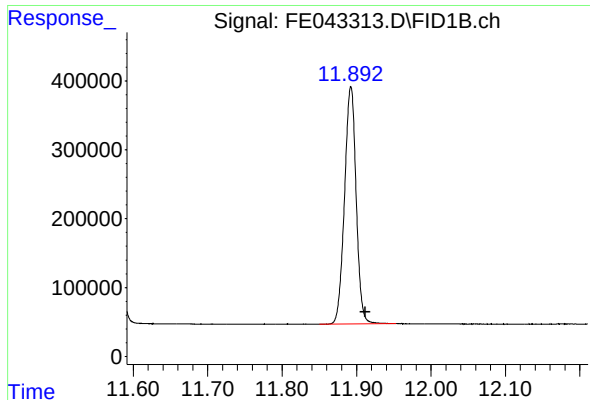
#7 n-Hexadecane (C16)

R.T.: 10.131 min  
Delta R.T.: -0.016 min  
Response: 3376081  
Conc: 20.86 ug/ml



#8 n-Octadecane (C18)

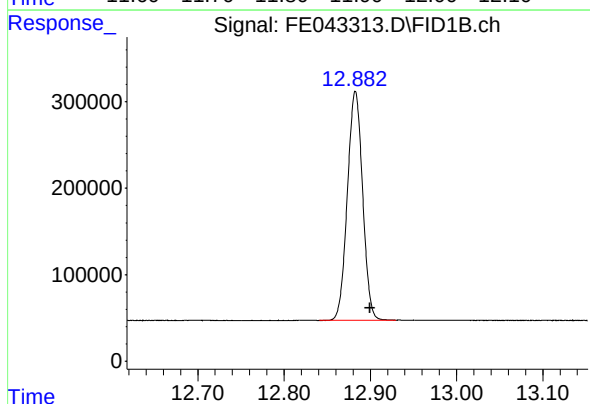
R.T.: 11.574 min  
Delta R.T.: -0.018 min  
Response: 3401461  
Conc: 20.87 ug/ml



#9 ortho-Terphenyl (SURR)

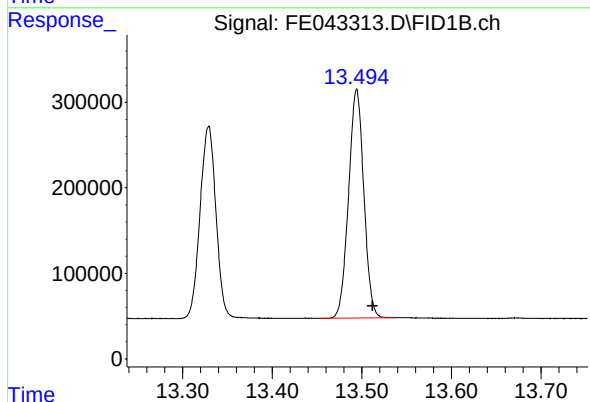
R.T.: 11.893 min  
Delta R.T.: -0.019 min  
Response: 3745110  
Conc: 20.91 ug/ml

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



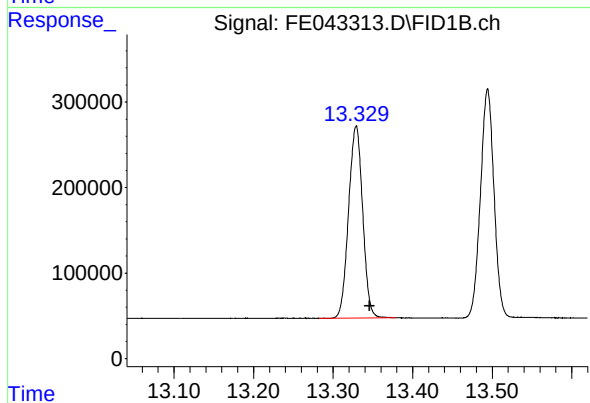
#10 n-Eicosane (C20)

R.T.: 12.883 min  
Delta R.T.: -0.017 min  
Response: 3253033  
Conc: 20.94 ug/ml



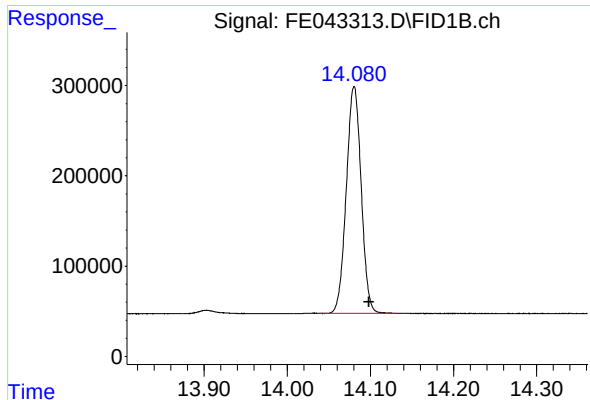
#11 n-Heneicosane (C21)

R.T.: 13.494 min  
Delta R.T.: -0.018 min  
Response: 3163615  
Conc: 20.88 ug/ml



#12 1-chlorooctadecane (SURR)

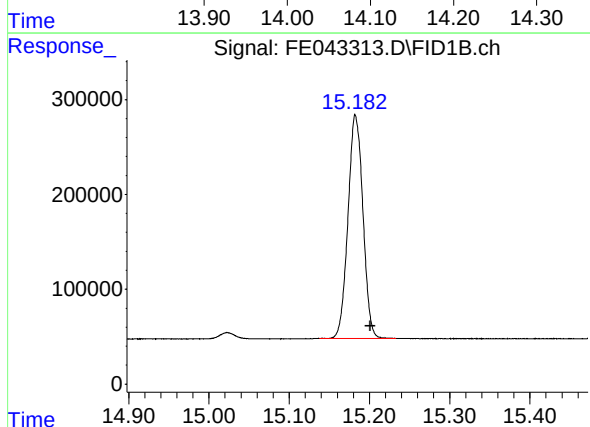
R.T.: 13.329 min  
Delta R.T.: -0.017 min  
Response: 2763269  
Conc: 21.03 ug/ml



#13 n-Docosane (C22)

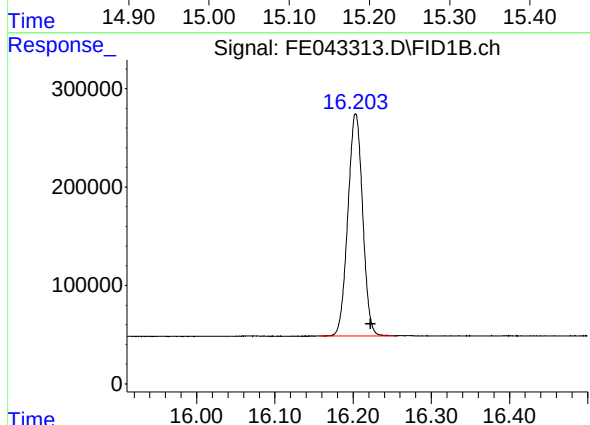
R.T.: 14.080 min  
Delta R.T.: -0.018 min  
Response: 3127399  
Conc: 20.93 ug/ml

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



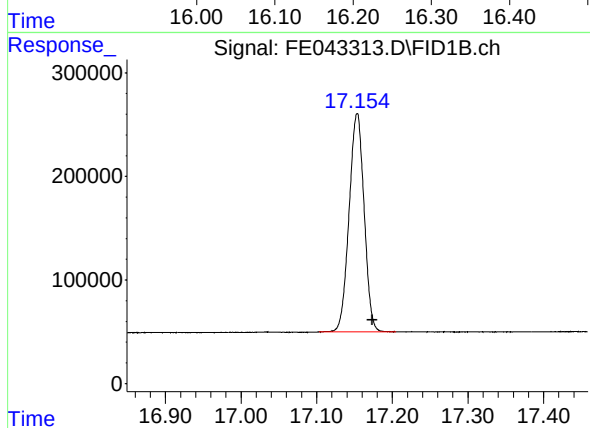
#14 n-Tetracosane (C24)

R.T.: 15.183 min  
Delta R.T.: -0.018 min  
Response: 3053544  
Conc: 20.79 ug/ml



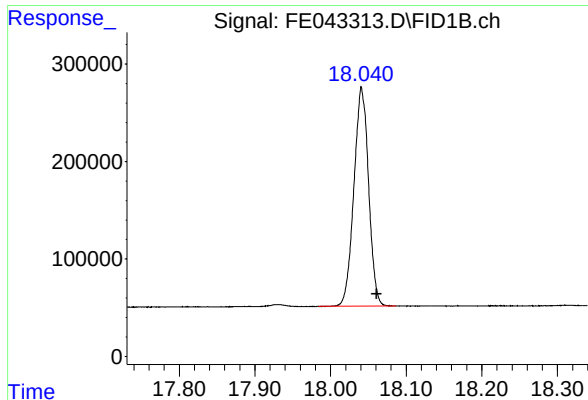
#15 n-Hexacosane (C26)

R.T.: 16.203 min  
Delta R.T.: -0.019 min  
Response: 2966459  
Conc: 20.83 ug/ml



#16 n-Octacosane (C28)

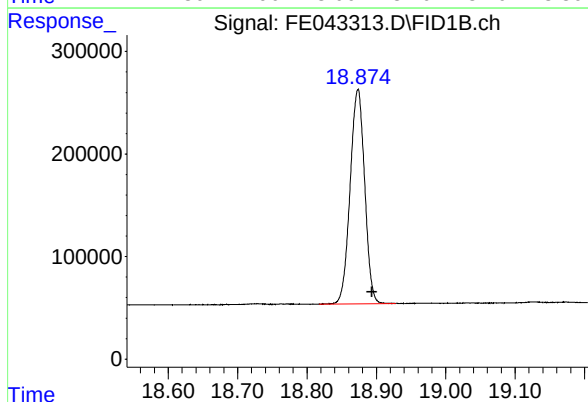
R.T.: 17.154 min  
Delta R.T.: -0.020 min  
Response: 2910622  
Conc: 20.69 ug/ml



#17 n-Tricontane (C30)

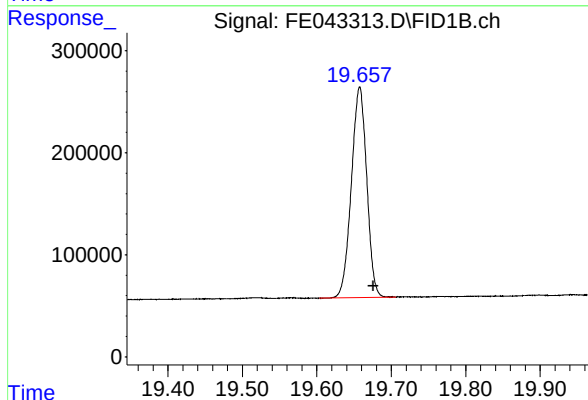
R.T.: 18.041 min  
Delta R.T.: -0.020 min  
Response: 3031715  
Conc: 20.58 ug/ml

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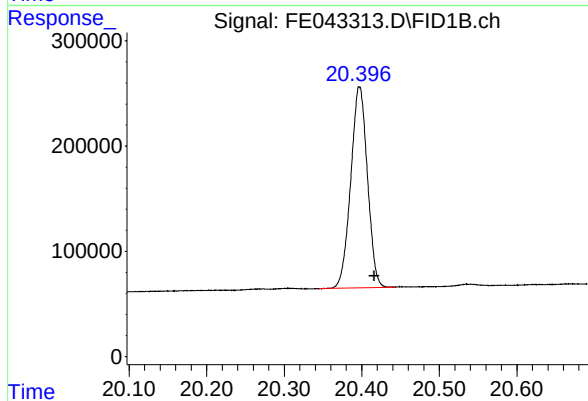
#18 n-Dotriacontane (C32)

R.T.: 18.874 min  
Delta R.T.: -0.020 min  
Response: 3042432  
Conc: 20.53 ug/ml



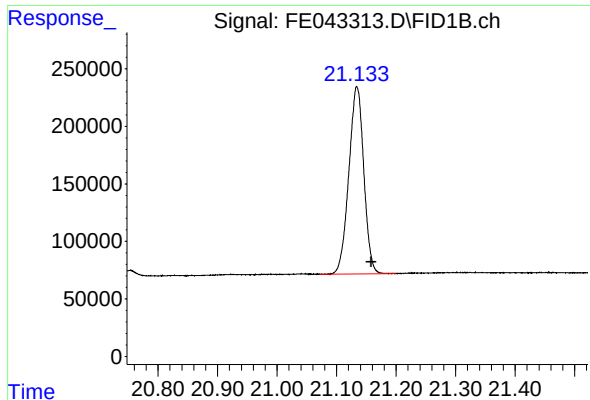
#19 n-Tetratriacontane (C34)

R.T.: 19.658 min  
Delta R.T.: -0.018 min  
Response: 2961782  
Conc: 20.52 ug/ml



#20 n-Hexatriacontane (C36)

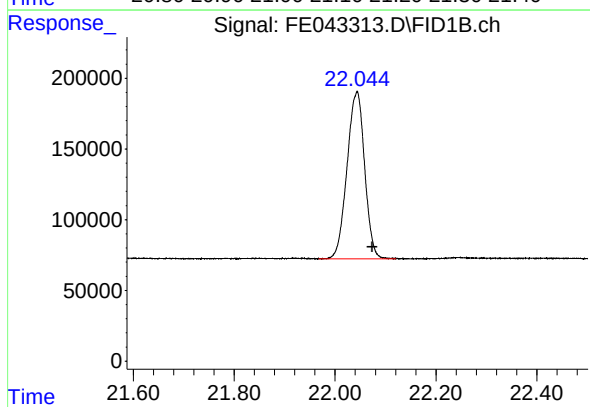
R.T.: 20.397 min  
Delta R.T.: -0.020 min  
Response: 2858287  
Conc: 19.45 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.134 min  
Delta R.T.: -0.024 min  
Response: 2839502  
Conc: 19.91 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 22.044 min  
Delta R.T.: -0.030 min  
Response: 2857194  
Conc: 19.36 ug/ml