

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE060823AL\  
 Data File : FE042515.D  
 Signal(s) : FID1B.ch  
 Acq On : 09 Jun 2023 00:34  
 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: Jun 09 02:13:16 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 051823.M  
 Quant Title : GC Extractables  
 QLast Update : Thu May 18 06:27:12 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)    | 11.945 | 3210320    | 18.181 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.36%       |
| 12) S 1-chlorooctadecane (S... | 13.382 | 2370129    | 17.837 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 35.67%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.324  | 2726144    | 18.906 ug/ml |
| 2) T n-Decane (C10)            | 4.576  | 2829022    | 19.110 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.285  | 3027868    | 18.558 ug/ml |
| 4) T n-Dodecane (C12)          | 6.745  | 2861848    | 19.085 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.382  | 2898276    | 18.262 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.574  | 2837923    | 18.944 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.182 | 2937457    | 18.858 ug/ml |
| 8) T n-Octadecane (C18)        | 11.626 | 2946559    | 18.633 ug/ml |
| 10) T n-Eicosane (C20)         | 12.936 | 2789625    | 18.403 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.549 | 2705038    | 18.258 ug/ml |
| 13) T n-Docosane (C22)         | 14.135 | 2691400    | 18.359 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.237 | 2615900    | 18.121 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.259 | 2581049    | 18.636 ug/ml |
| 16) T n-Octacosane (C28)       | 17.209 | 2626026    | 19.614 ug/ml |
| 17) T n-Tricontane (C30)       | 18.098 | 2896687    | 21.458 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.929 | 2975334    | 22.272 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.714 | 2820156    | 21.444 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.456 | 2696505    | 20.747 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.203 | 2688294    | 19.815 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.131 | 2665352    | 19.159 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

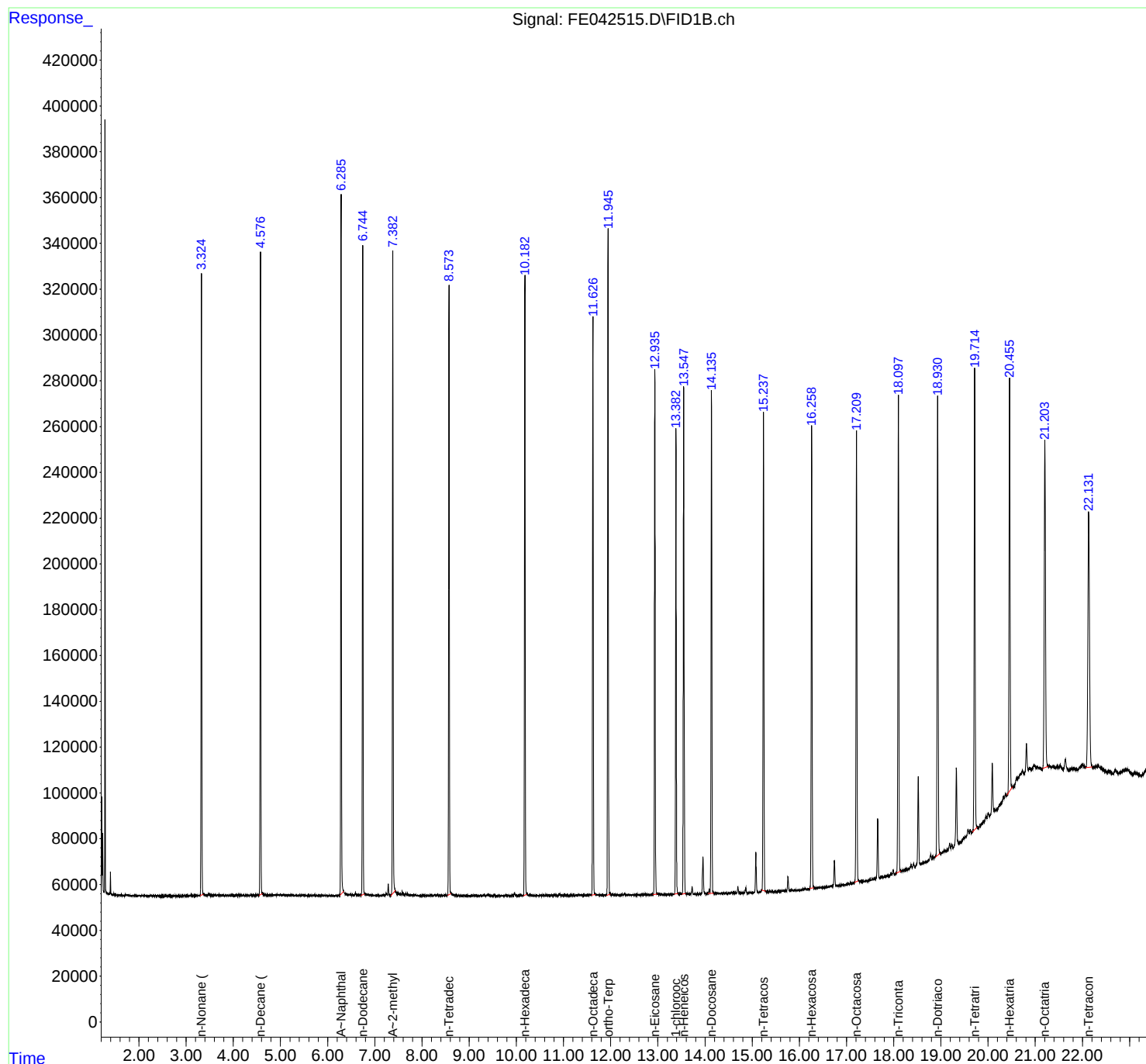
(m)=manual int.

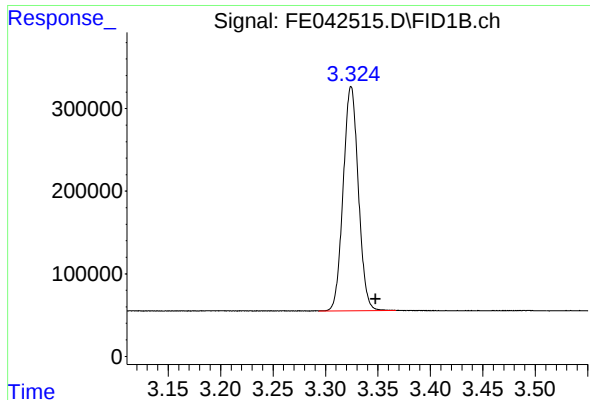
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE060823AL\  
Data File : FE042515.D  
Signal(s) : FID1B.ch  
Acq On : 09 Jun 2023 00:34  
Operator : YP\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 2 Sample Multiplier: 1

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

Integration File: autoint1.e  
Quant Time: Jun 09 02:13:16 2023  
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 051823.M  
Quant Title : GC Extractables  
QLast Update : Thu May 18 06:27:12 2023  
Response via : Initial Calibration  
Integrator: ChemStation

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

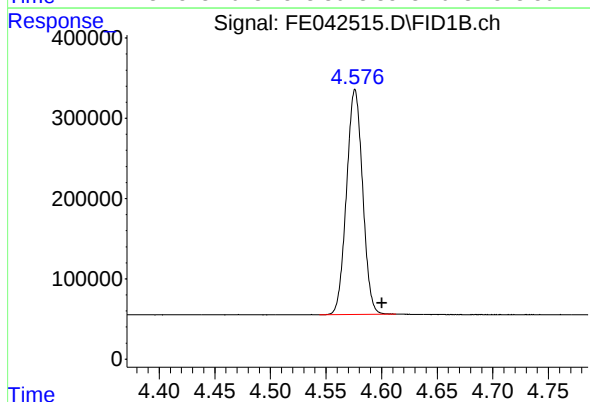




#1 n-Nonane (C9)

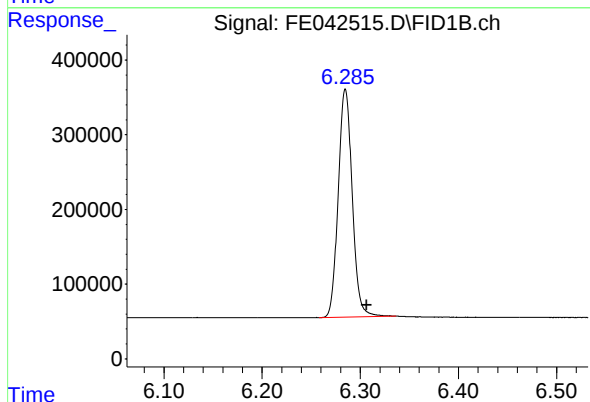
R.T.: 3.324 min  
Delta R.T.: -0.024 min  
Response: 2726144  
Conc: 18.91 ug/ml

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



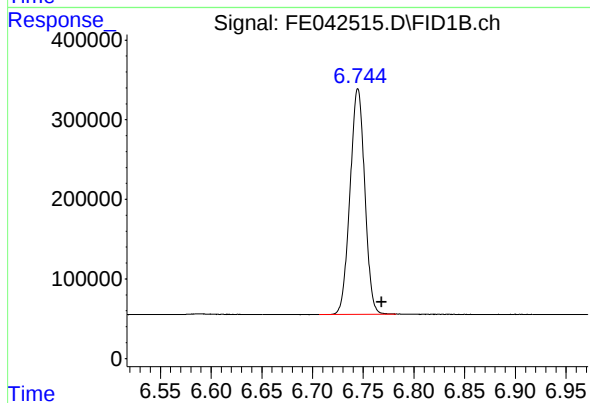
#2 n-Decane (C10)

R.T.: 4.576 min  
Delta R.T.: -0.024 min  
Response: 2829022  
Conc: 19.11 ug/ml



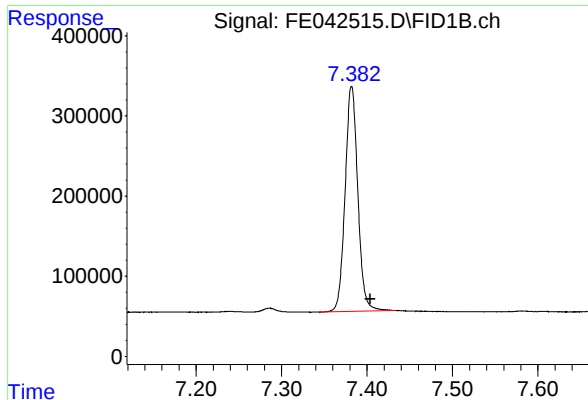
#3 A~Naphthalene (C11.7)

R.T.: 6.285 min  
Delta R.T.: -0.022 min  
Response: 3027868  
Conc: 18.56 ug/ml



#4 n-Dodecane (C12)

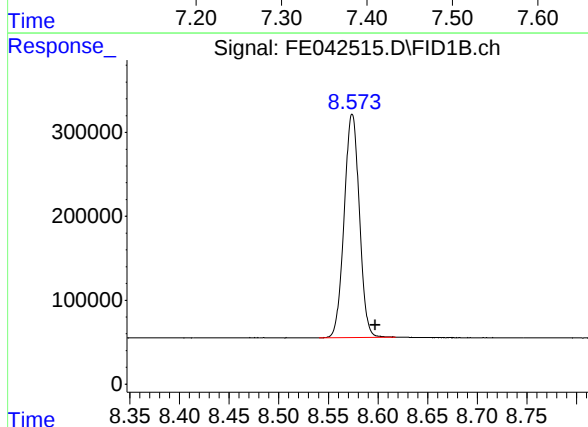
R.T.: 6.745 min  
Delta R.T.: -0.023 min  
Response: 2861848  
Conc: 19.08 ug/ml



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

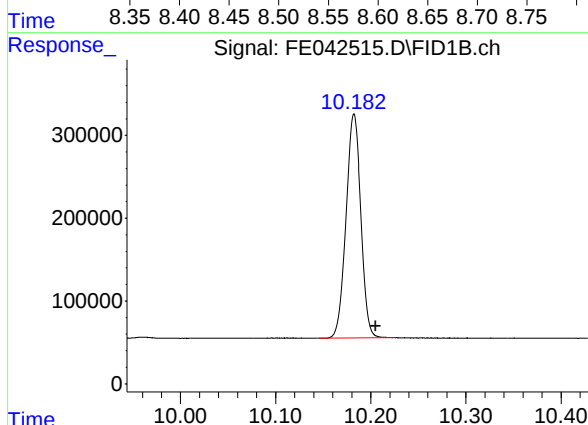
R.T.: 7.382 min  
Delta R.T.: -0.022 min  
Response: 2898276  
Conc: 18.26 ug/ml

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



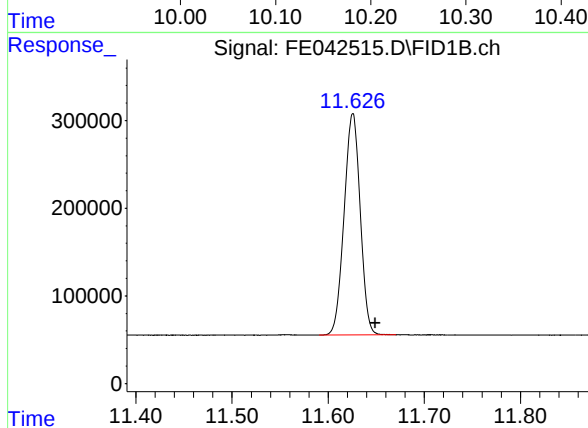
#6 n-Tetradecane (C14)

R.T.: 8.574 min  
Delta R.T.: -0.023 min  
Response: 2837923  
Conc: 18.94 ug/ml



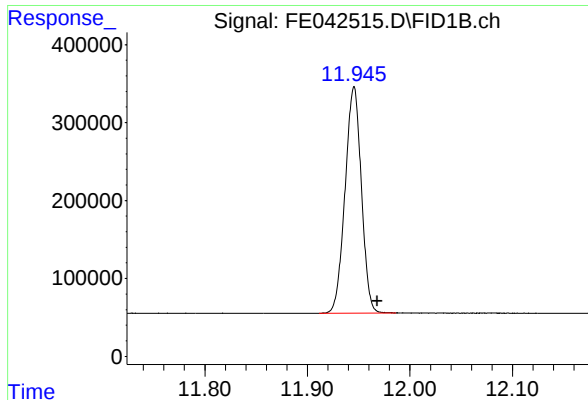
#7 n-Hexadecane (C16)

R.T.: 10.182 min  
Delta R.T.: -0.023 min  
Response: 2937457  
Conc: 18.86 ug/ml



#8 n-Octadecane (C18)

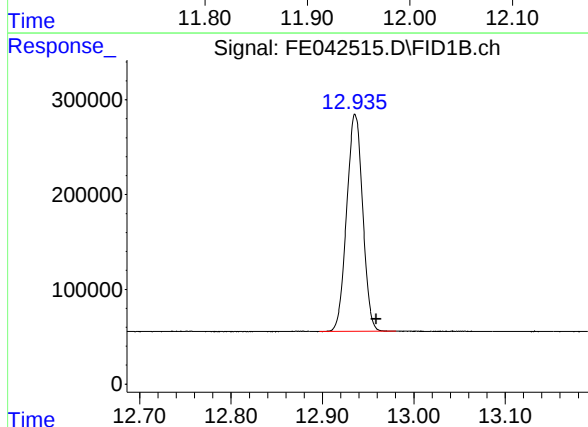
R.T.: 11.626 min  
Delta R.T.: -0.023 min  
Response: 2946559  
Conc: 18.63 ug/ml



#9 ortho-Terphenyl (SURR)

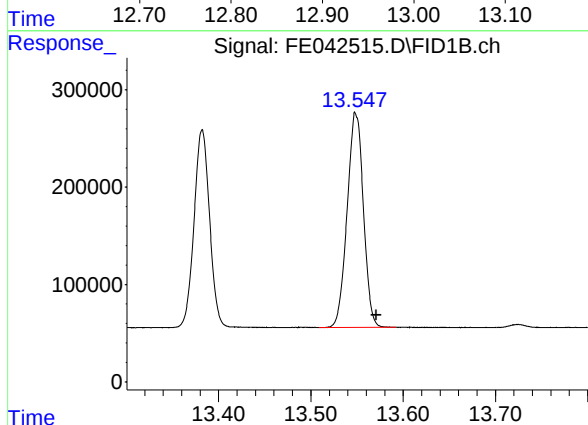
R.T.: 11.945 min  
Delta R.T.: -0.023 min  
Response: 3210320  
Conc: 18.18 ug/ml

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



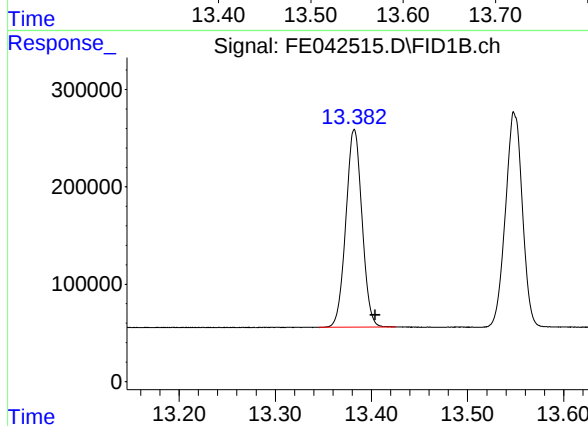
#10 n-Eicosane (C20)

R.T.: 12.936 min  
Delta R.T.: -0.023 min  
Response: 2789625  
Conc: 18.40 ug/ml



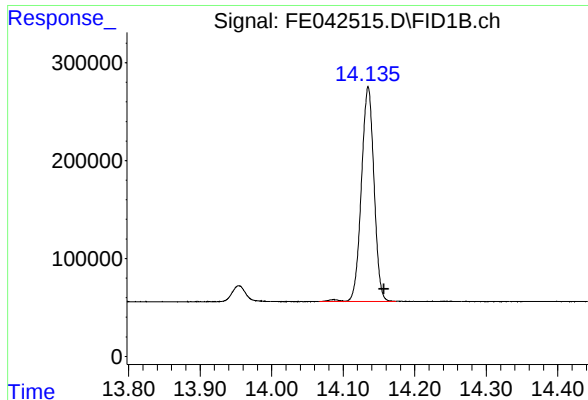
#11 n-Heneicosane (C21)

R.T.: 13.549 min  
Delta R.T.: -0.022 min  
Response: 2705038  
Conc: 18.26 ug/ml



#12 1-chlorooctadecane (SURR)

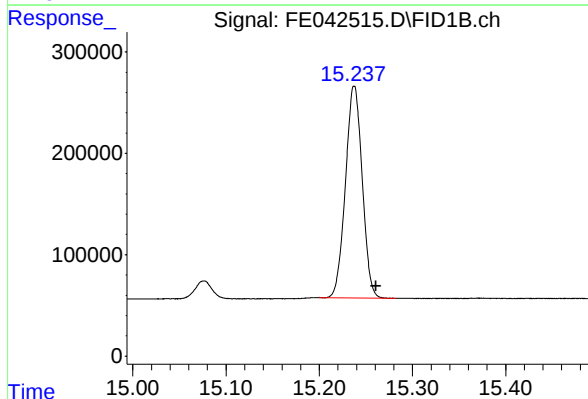
R.T.: 13.382 min  
Delta R.T.: -0.022 min  
Response: 2370129  
Conc: 17.84 ug/ml



#13 n-Docosane (C22)

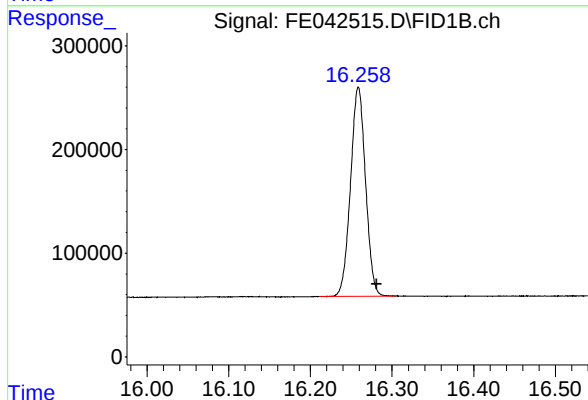
R.T.: 14.135 min  
Delta R.T.: -0.022 min  
Response: 2691400  
Conc: 18.36 ug/ml

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



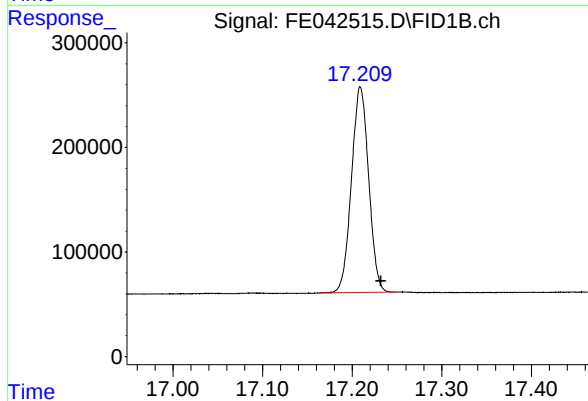
#14 n-Tetracosane (C24)

R.T.: 15.237 min  
Delta R.T.: -0.023 min  
Response: 2615900  
Conc: 18.12 ug/ml



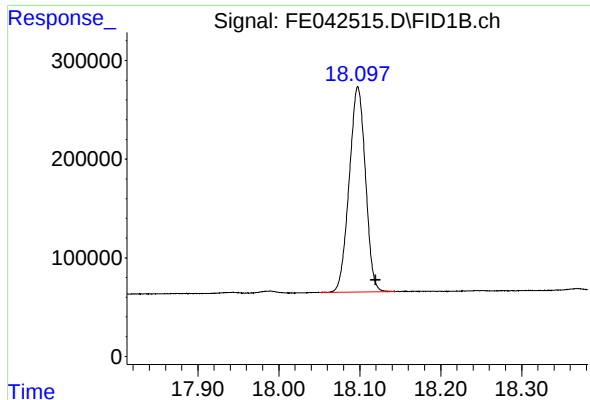
#15 n-Hexacosane (C26)

R.T.: 16.259 min  
Delta R.T.: -0.022 min  
Response: 2581049  
Conc: 18.64 ug/ml



#16 n-Octacosane (C28)

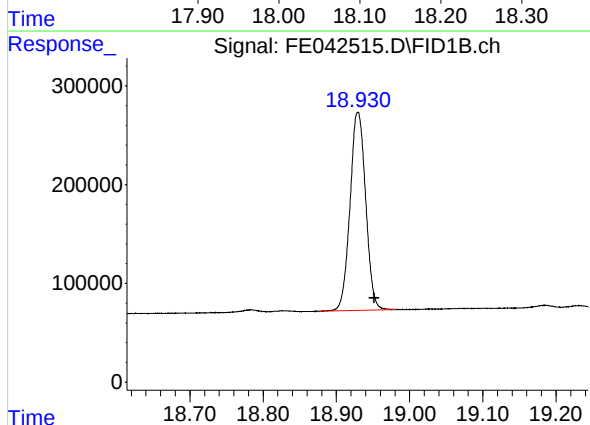
R.T.: 17.209 min  
Delta R.T.: -0.023 min  
Response: 2626026  
Conc: 19.61 ug/ml



#17 n-Tricontane (C30)

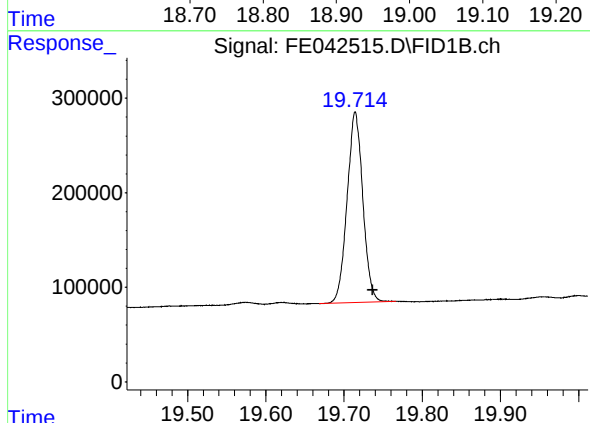
R.T.: 18.098 min  
Delta R.T.: -0.022 min  
Response: 2896687  
Conc: 21.46 ug/ml

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



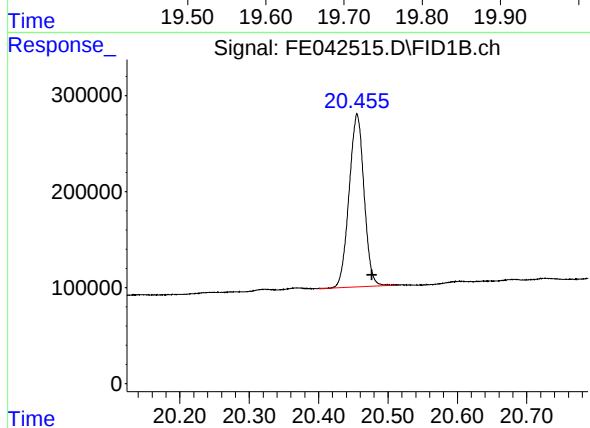
#18 n-Dotriacontane (C32)

R.T.: 18.929 min  
Delta R.T.: -0.022 min  
Response: 2975334  
Conc: 22.27 ug/ml



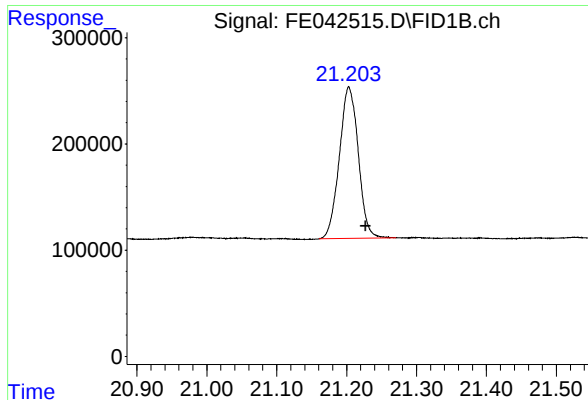
#19 n-Tetatriacontane (C34)

R.T.: 19.714 min  
Delta R.T.: -0.022 min  
Response: 2820156  
Conc: 21.44 ug/ml



#20 n-Hexatriacontane (C36)

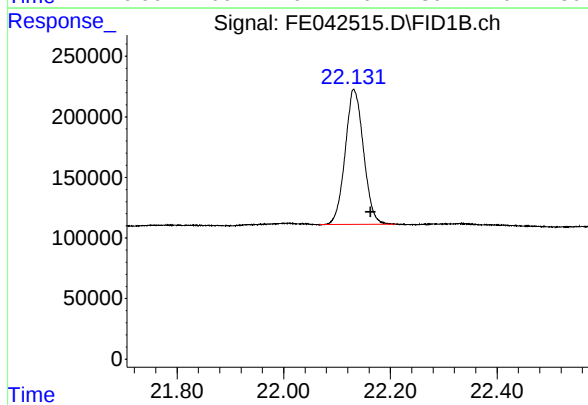
R.T.: 20.456 min  
Delta R.T.: -0.021 min  
Response: 2696505  
Conc: 20.75 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.203 min  
Delta R.T.: -0.024 min  
Response: 2688294  
Conc: 19.81 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 22.131 min  
Delta R.T.: -0.032 min  
Response: 2665352  
Conc: 19.16 ug/ml