

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE062823AL\  
 Data File : FE042991.D  
 Signal(s) : FID1B.ch  
 Acq On : 28 Jun 2023 19:55  
 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 29 02:49:13 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 062123.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jun 21 11:03:59 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)    | 11.911 | 3529311    | 19.212 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.42%       |
| 12) S 1-chlorooctadecane (S... | 13.348 | 2618277    | 19.239 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.48%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.290  | 3036375    | 19.657 ug/ml |
| 2) T n-Decane (C10)            | 4.542  | 3103590    | 19.648 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.252  | 3320721    | 19.612 ug/ml |
| 4) T n-Dodecane (C12)          | 6.712  | 3140564    | 19.620 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.349  | 3173670    | 19.574 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.542  | 3119396    | 19.600 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.149 | 3220995    | 19.557 ug/ml |
| 8) T n-Octadecane (C18)        | 11.593 | 3241301    | 19.500 ug/ml |
| 10) T n-Eicosane (C20)         | 12.902 | 3073318    | 19.368 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.514 | 2992538    | 19.342 ug/ml |
| 13) T n-Docosane (C22)         | 14.100 | 2930873    | 19.240 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.203 | 2867420    | 19.326 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.225 | 2777232    | 19.426 ug/ml |
| 16) T n-Octacosane (C28)       | 17.175 | 2754265    | 19.858 ug/ml |
| 17) T n-Tricontane (C30)       | 18.063 | 2917286    | 20.627 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.895 | 2949604    | 21.030 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.680 | 2861088    | 20.907 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.420 | 2774227    | 20.744 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.160 | 2814798    | 20.645 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.078 | 2899216    | 20.838 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

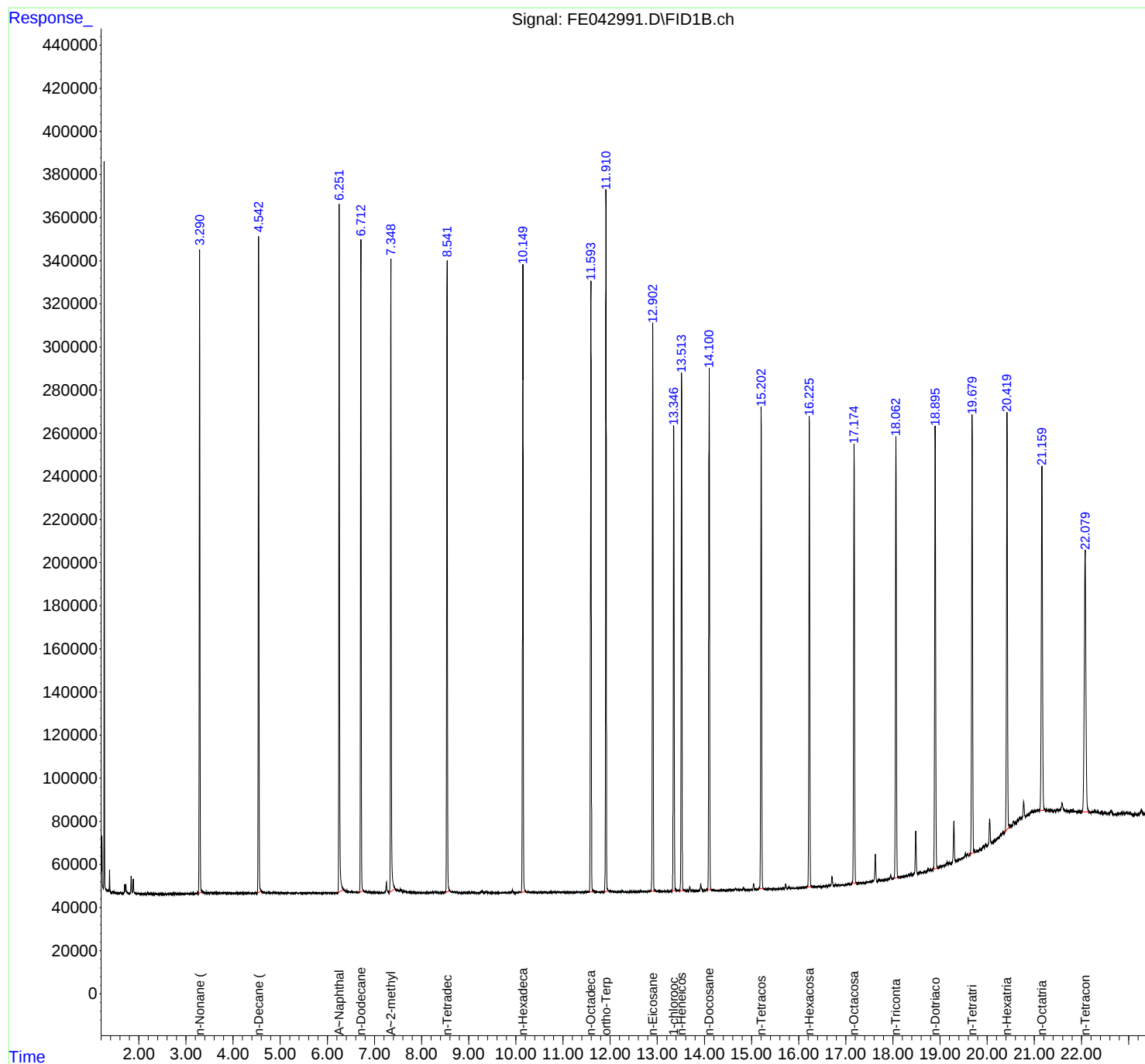
(m)=manual int.

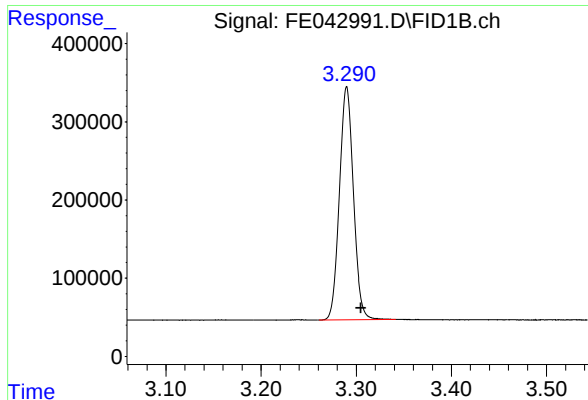
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE062823AL\  
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Acq On : 28 Jun 2023 19:55  
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Misc :  
ALS Vial : 2 Sample Multiplier: 1

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

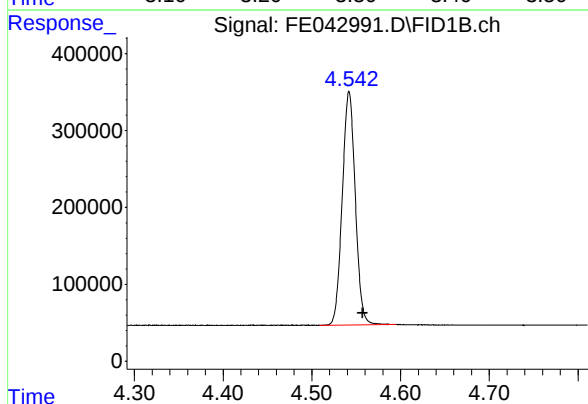




#1 n-Nonane (C9)

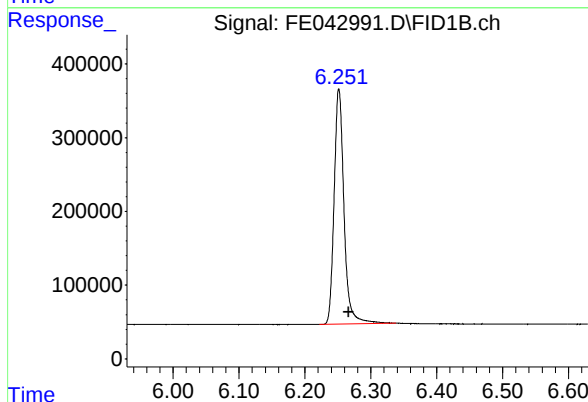
R.T.: 3.290 min  
Delta R.T.: -0.015 min  
Response: 3036375  
Conc: 19.66 ug/ml

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



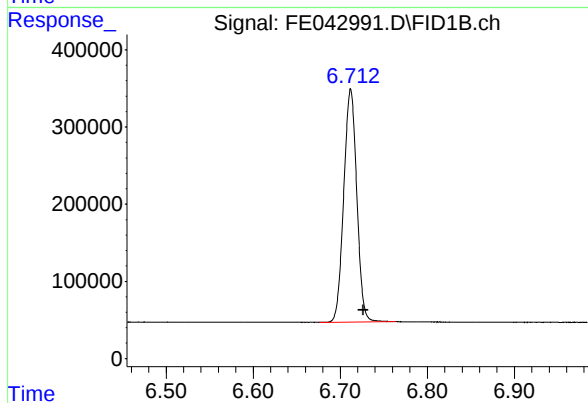
#2 n-Decane (C10)

R.T.: 4.542 min  
Delta R.T.: -0.015 min  
Response: 3103590  
Conc: 19.65 ug/ml



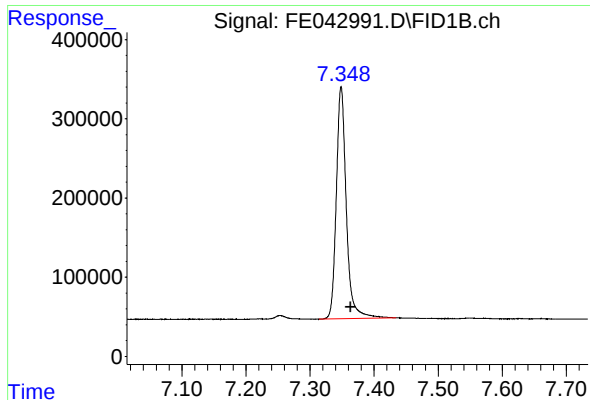
#3 A~Naphthalene (C11.7)

R.T.: 6.252 min  
Delta R.T.: -0.015 min  
Response: 3320721  
Conc: 19.61 ug/ml



#4 n-Dodecane (C12)

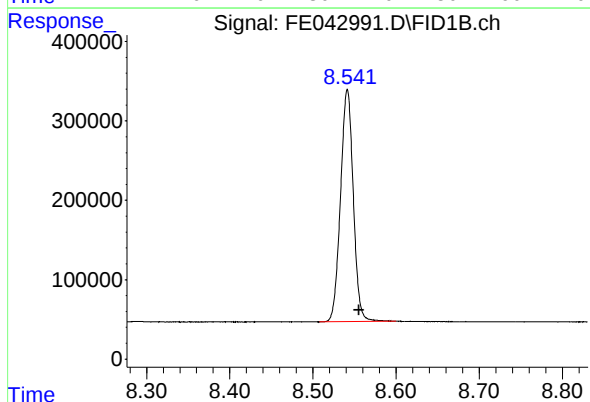
R.T.: 6.712 min  
Delta R.T.: -0.014 min  
Response: 3140564  
Conc: 19.62 ug/ml



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

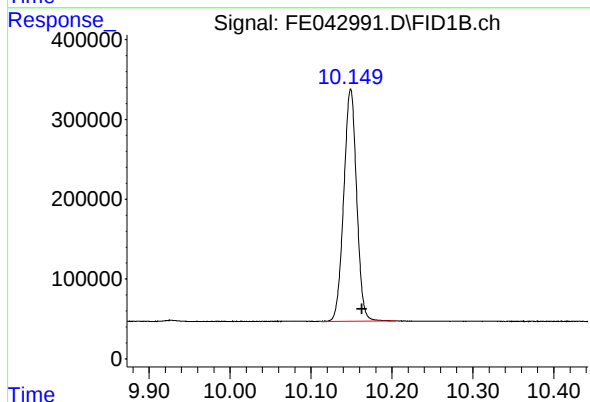
R.T.: 7.349 min  
Delta R.T.: -0.015 min  
Response: 3173670  
Conc: 19.57 ug/ml

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



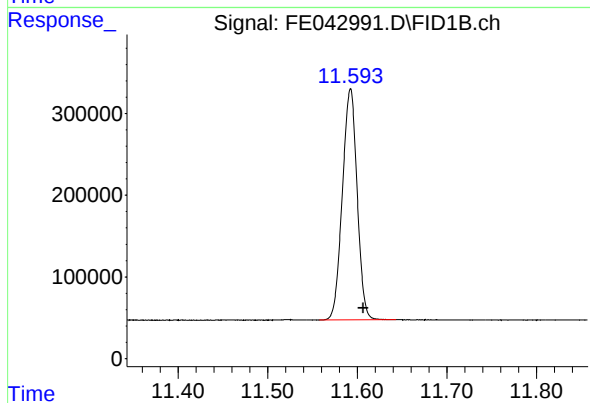
#6 n-Tetradecane (C14)

R.T.: 8.542 min  
Delta R.T.: -0.014 min  
Response: 3119396  
Conc: 19.60 ug/ml



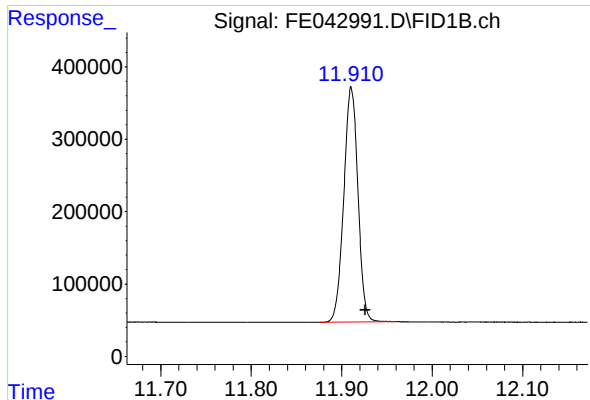
#7 n-Hexadecane (C16)

R.T.: 10.149 min  
Delta R.T.: -0.014 min  
Response: 3220995  
Conc: 19.56 ug/ml



#8 n-Octadecane (C18)

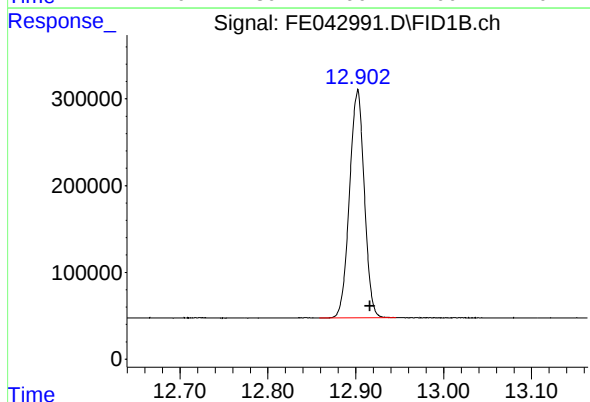
R.T.: 11.593 min  
Delta R.T.: -0.014 min  
Response: 3241301  
Conc: 19.50 ug/ml



#9 ortho-Terphenyl (SURR)

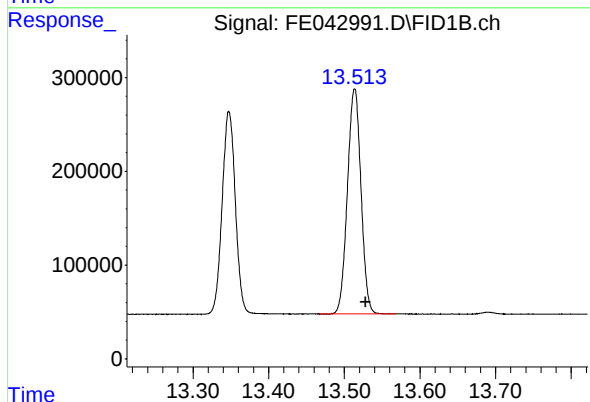
R.T.: 11.911 min  
Delta R.T.: -0.015 min  
Response: 3529311  
Conc: 19.21 ug/ml

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



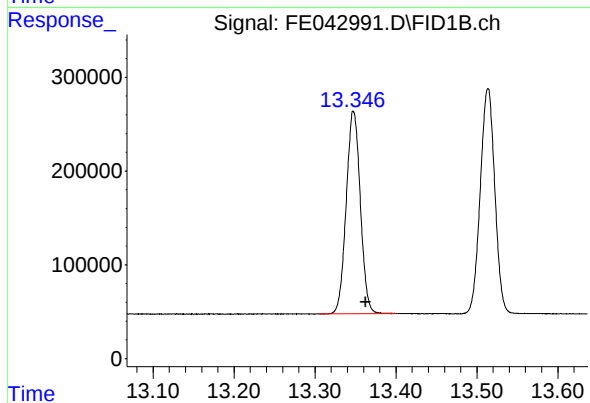
#10 n-Eicosane (C20)

R.T.: 12.902 min  
Delta R.T.: -0.014 min  
Response: 3073318  
Conc: 19.37 ug/ml



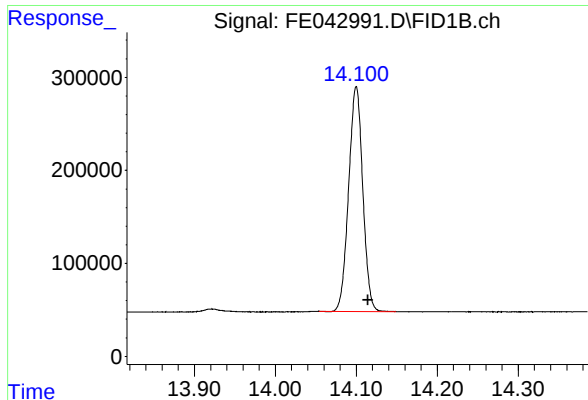
#11 n-Heneicosane (C21)

R.T.: 13.514 min  
Delta R.T.: -0.015 min  
Response: 2992538  
Conc: 19.34 ug/ml



#12 1-chlorooctadecane (SURR)

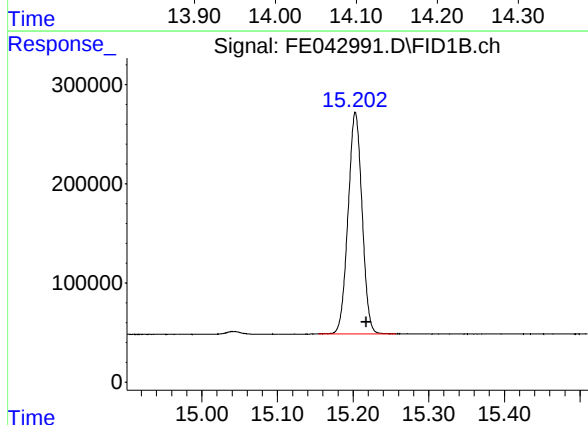
R.T.: 13.348 min  
Delta R.T.: -0.015 min  
Response: 2618277  
Conc: 19.24 ug/ml



#13 n-Docosane (C22)

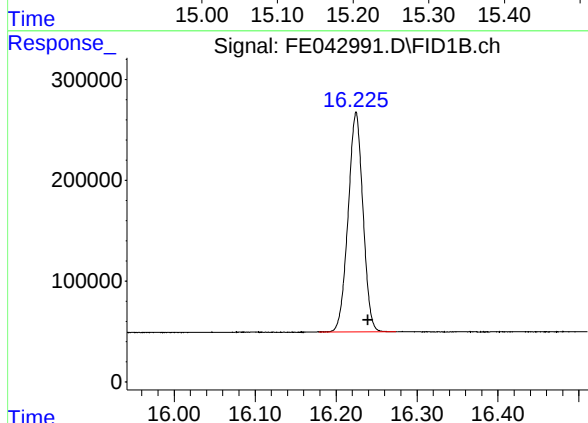
R.T.: 14.100 min  
Delta R.T.: -0.015 min  
Response: 2930873  
Conc: 19.24 ug/ml

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



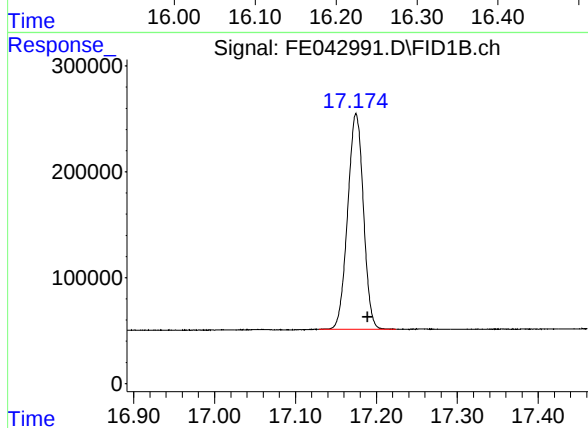
#14 n-Tetracosane (C24)

R.T.: 15.203 min  
Delta R.T.: -0.015 min  
Response: 2867420  
Conc: 19.33 ug/ml



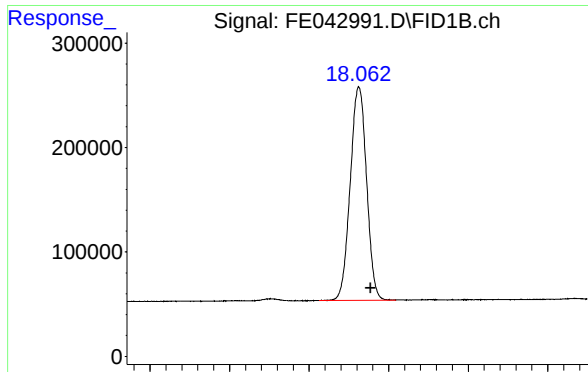
#15 n-Hexacosane (C26)

R.T.: 16.225 min  
Delta R.T.: -0.015 min  
Response: 2777232  
Conc: 19.43 ug/ml



#16 n-Octacosane (C28)

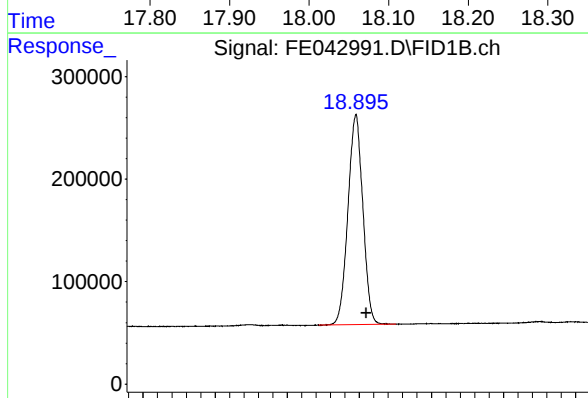
R.T.: 17.175 min  
Delta R.T.: -0.015 min  
Response: 2754265  
Conc: 19.86 ug/ml



#17 n-Tricontane (C30)

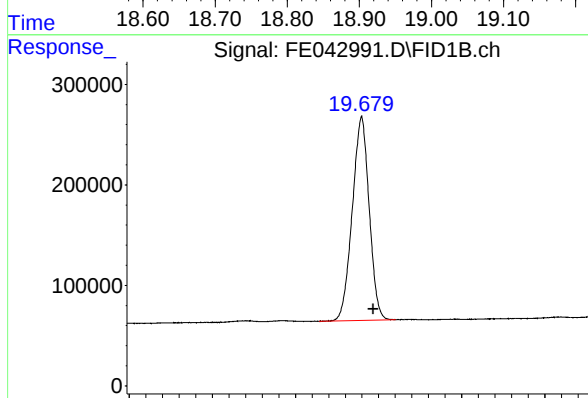
R.T.: 18.063 min  
Delta R.T.: -0.015 min  
Response: 2917286  
Conc: 20.63 ug/ml

Instrument :  
FID\_E  
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20 PPM ALIPHATIC HC STD



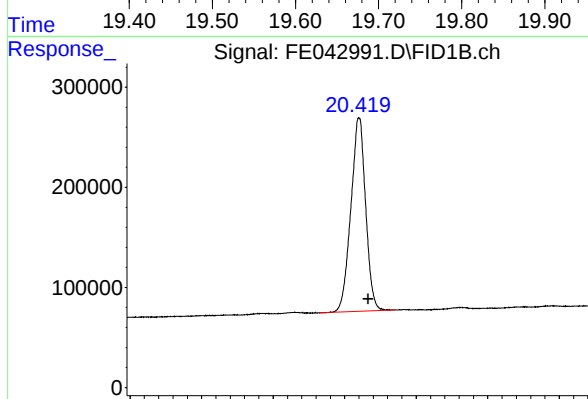
#18 n-Dotriacontane (C32)

R.T.: 18.895 min  
Delta R.T.: -0.015 min  
Response: 2949604  
Conc: 21.03 ug/ml



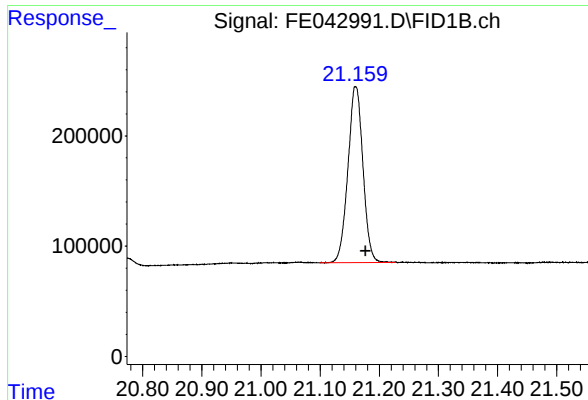
#19 n-Tetatriacontane (C34)

R.T.: 19.680 min  
Delta R.T.: -0.014 min  
Response: 2861088  
Conc: 20.91 ug/ml



#20 n-Hexatriacontane (C36)

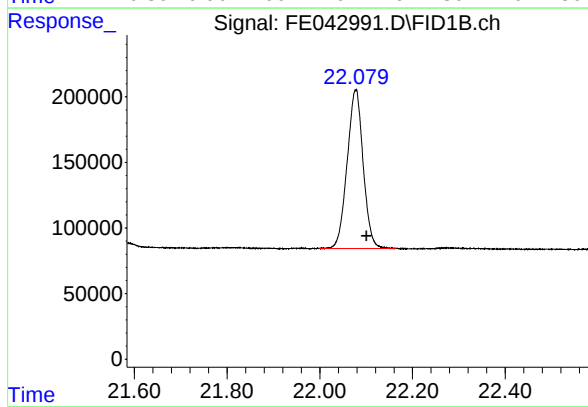
R.T.: 20.420 min  
Delta R.T.: -0.013 min  
Response: 2774227  
Conc: 20.74 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.160 min  
Delta R.T.: -0.017 min  
Response: 2814798  
Conc: 20.65 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 22.078 min  
Delta R.T.: -0.023 min  
Response: 2899216  
Conc: 20.84 ug/ml