

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE081922AL\  
 Data File : FE037192.D  
 Signal(s) : FID1B.ch  
 Acq On : 19 Aug 2022 16:44  
 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: Aug 19 17:49:40 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 081222.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Aug 12 07:36:15 2022  
 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)    | 11.810 | 3333854    | 18.125 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 36.25%        |
| 12) S 1-chlorooctadecane (S... | 13.249 | 2632983    | 18.041 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 36.08%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.205  | 3056358    | 19.885 ug/ml  |
| 2) T n-Decane (C10)            | 4.458  | 3085870    | 20.190 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.159  | 3367503    | 20.466 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.627  | 3155245    | 20.203 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.255  | 3321782    | 20.467 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.452  | 3127752    | 19.792 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.058 | 3098677    | 19.483 ug/ml  |
| 8) T n-Octadecane (C18)        | 11.499 | 3094986    | 18.851 ug/ml  |
| 10) T n-Eicosane (C20)         | 12.807 | 2990326    | 18.214 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.418 | 2977753    | 18.118 ug/ml  |
| 13) T n-Docosane (C22)         | 14.003 | 2930029    | 18.008 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.105 | 2864744    | 17.725 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.125 | 2769859    | 17.462 ug/ml  |
| 16) T n-Octacosane (C28)       | 17.073 | 2741921    | 17.641 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.962 | 2733352    | 18.742 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.793 | 2313082    | 19.905 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.576 | 1745577    | 21.182 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.316 | 1273941    | 21.088 ug/mlm |
| 21) T n-Octatriacontane (C38)  | 21.037 | 1102015    | 21.608 ug/mlm |
| 22) T n-Tetracontane (C40)     | 21.905 | 1036158    | 21.528 ug/mlm |
| -----                          |        |            |               |

(f)=RT Delta > 1/2 Window

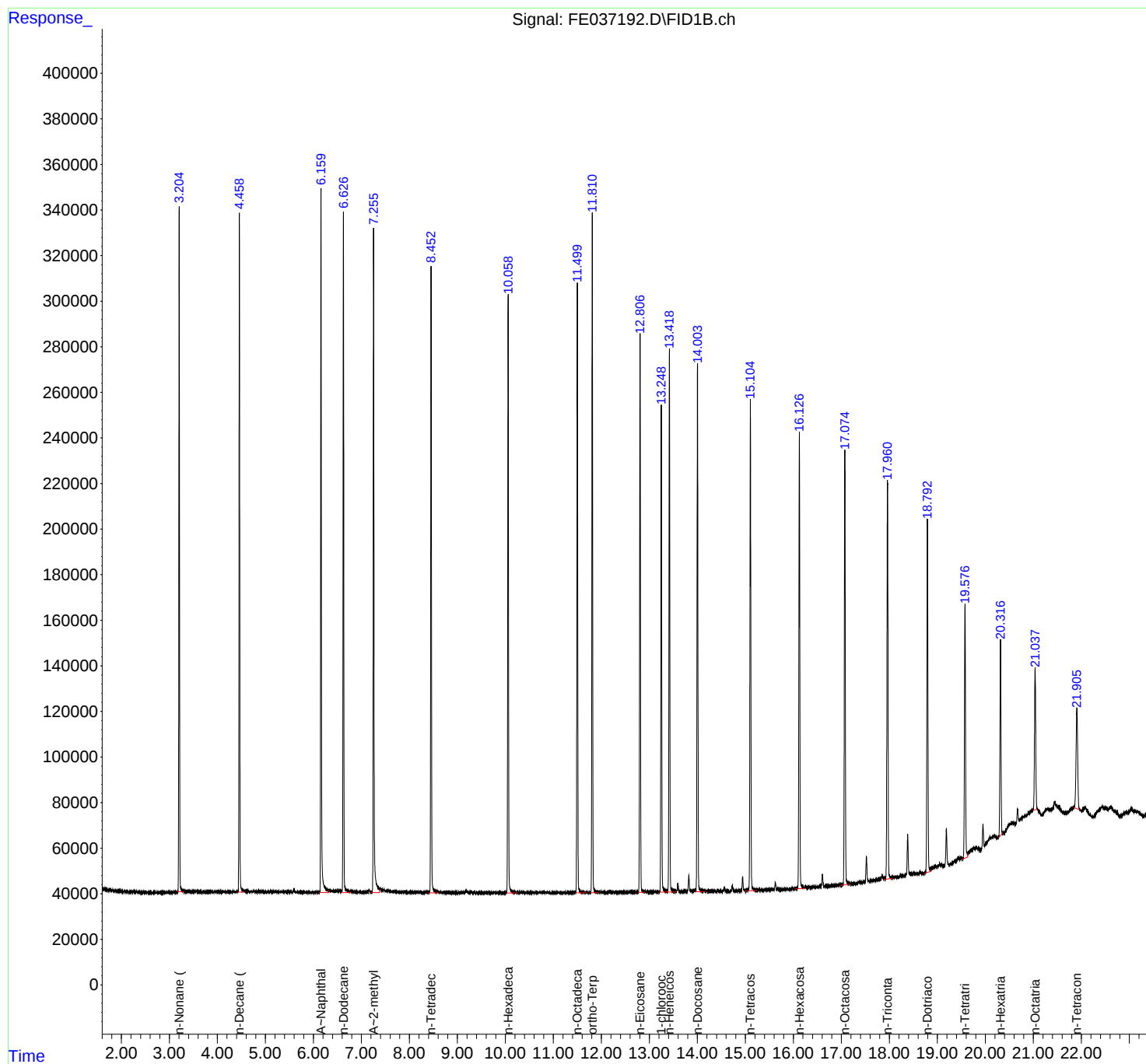
(m)=manual int.

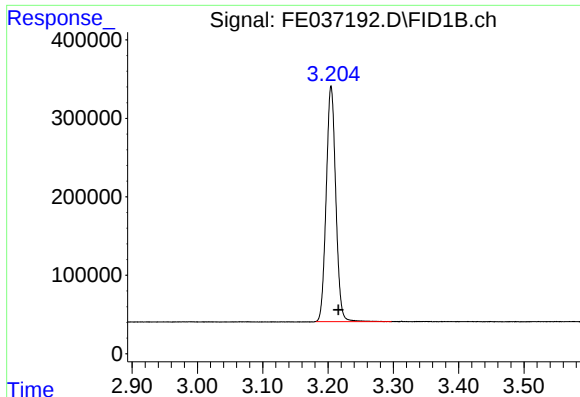
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE081922AL\  
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ALS Vial : 2 Sample Multiplier: 1

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QLast Update : Fri Aug 12 07:36:15 2022  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

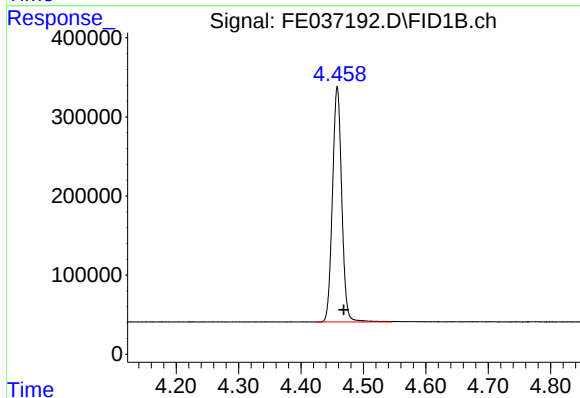




#1 n-Nonane (C9)

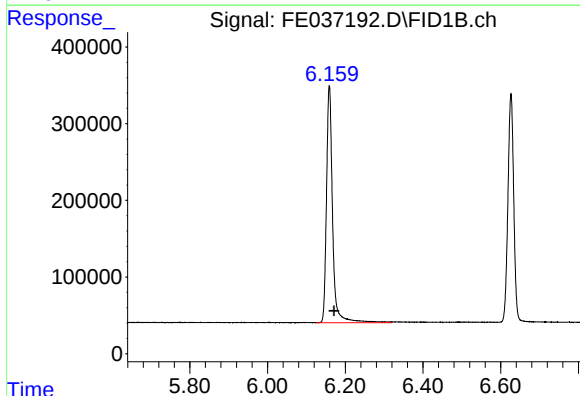
R.T.: 3.205 min  
Delta R.T.: -0.011 min  
Response: 3056358  
Conc: 19.89 ug/ml

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



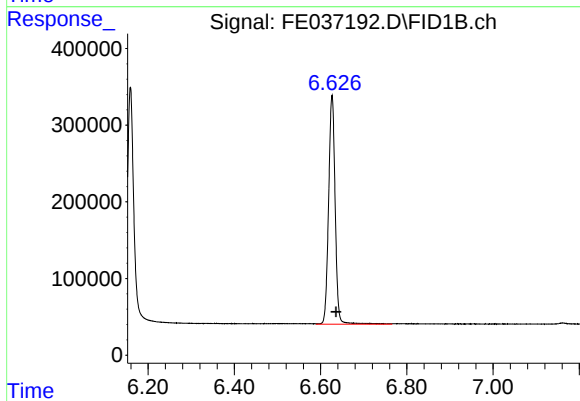
#2 n-Decane (C10)

R.T.: 4.458 min  
Delta R.T.: -0.010 min  
Response: 3085870  
Conc: 20.19 ug/ml



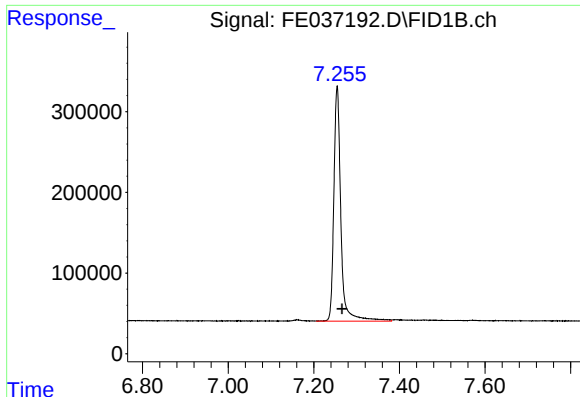
#3 A~Naphthalene (C11.7)

R.T.: 6.159 min  
Delta R.T.: -0.012 min  
Response: 3367503  
Conc: 20.47 ug/ml



#4 n-Dodecane (C12)

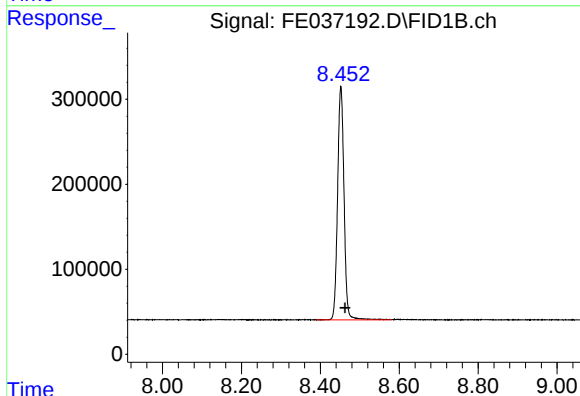
R.T.: 6.627 min  
Delta R.T.: -0.009 min  
Response: 3155245  
Conc: 20.20 ug/ml



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

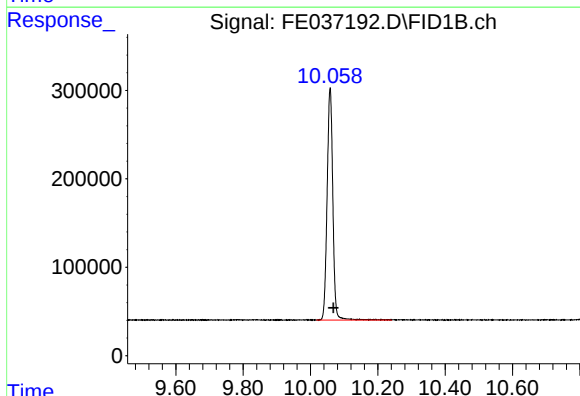
R.T.: 7.255 min  
Delta R.T.: -0.012 min  
Response: 3321782  
Conc: 20.47 ug/ml

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



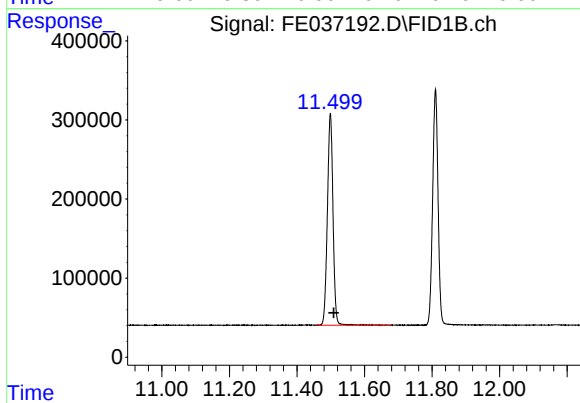
#6 n-Tetradecane (C14)

R.T.: 8.452 min  
Delta R.T.: -0.010 min  
Response: 3127752  
Conc: 19.79 ug/ml



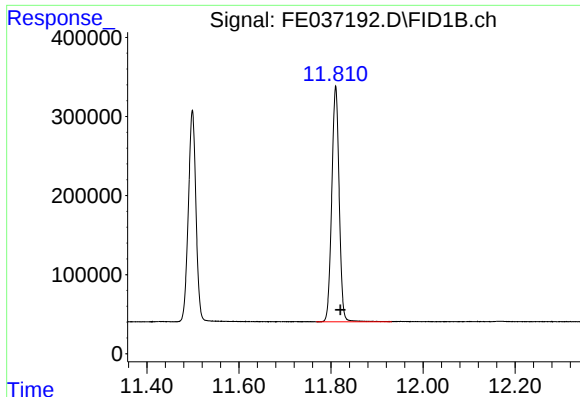
#7 n-Hexadecane (C16)

R.T.: 10.058 min  
Delta R.T.: -0.009 min  
Response: 3098677  
Conc: 19.48 ug/ml



#8 n-Octadecane (C18)

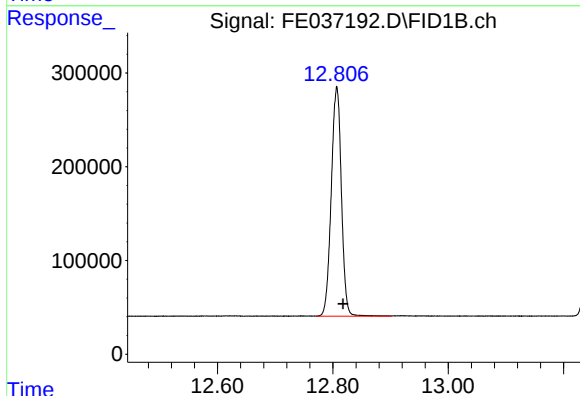
R.T.: 11.499 min  
Delta R.T.: -0.010 min  
Response: 3094986  
Conc: 18.85 ug/ml



#9 ortho-Terphenyl (SURR)

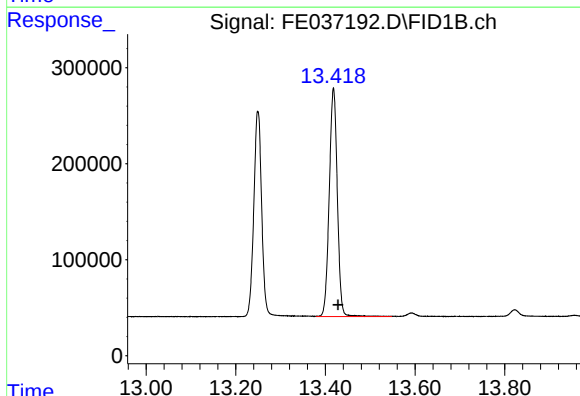
R.T.: 11.810 min  
Delta R.T.: -0.011 min  
Response: 3333854  
Conc: 18.13 ug/ml

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



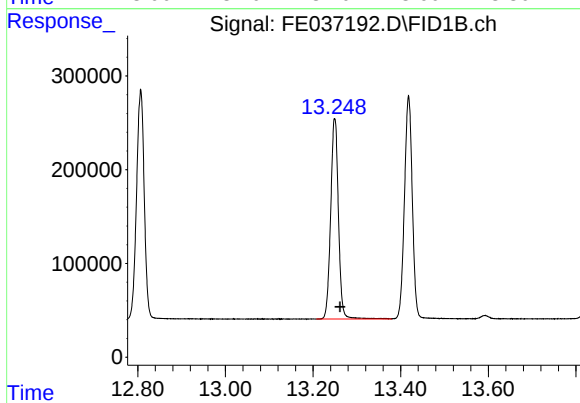
#10 n-Eicosane (C20)

R.T.: 12.807 min  
Delta R.T.: -0.011 min  
Response: 2990326  
Conc: 18.21 ug/ml



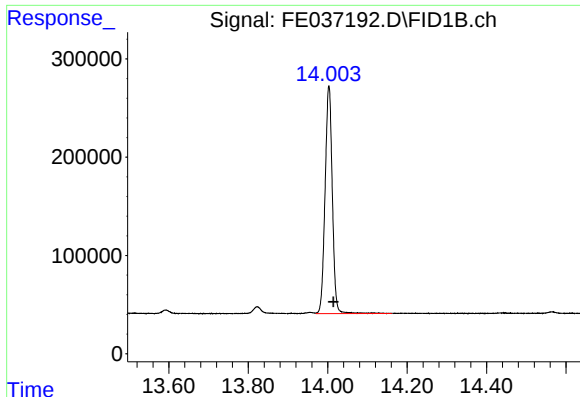
#11 n-Heneicosane (C21)

R.T.: 13.418 min  
Delta R.T.: -0.010 min  
Response: 2977753  
Conc: 18.12 ug/ml



#12 1-chlorooctadecane (SURR)

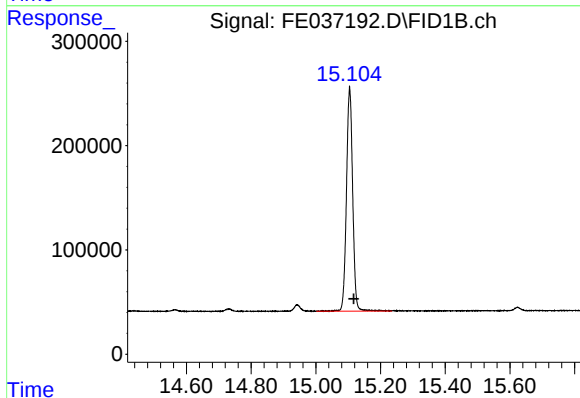
R.T.: 13.249 min  
Delta R.T.: -0.012 min  
Response: 2632983  
Conc: 18.04 ug/ml



#13 n-Docosane (C22)

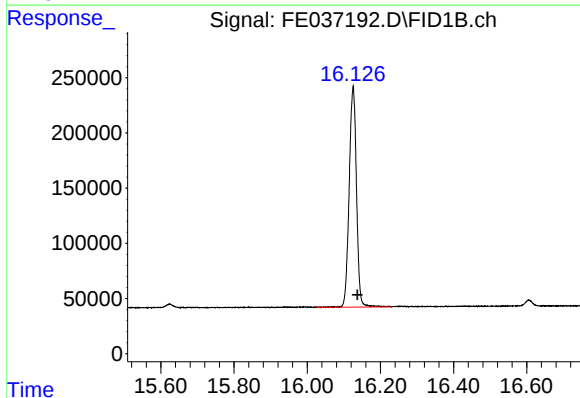
R.T.: 14.003 min  
Delta R.T.: -0.012 min  
Response: 2930029  
Conc: 18.01 ug/ml

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



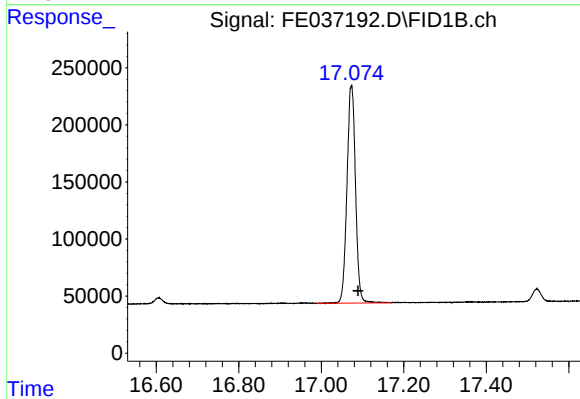
#14 n-Tetracosane (C24)

R.T.: 15.105 min  
Delta R.T.: -0.013 min  
Response: 2864744  
Conc: 17.72 ug/ml



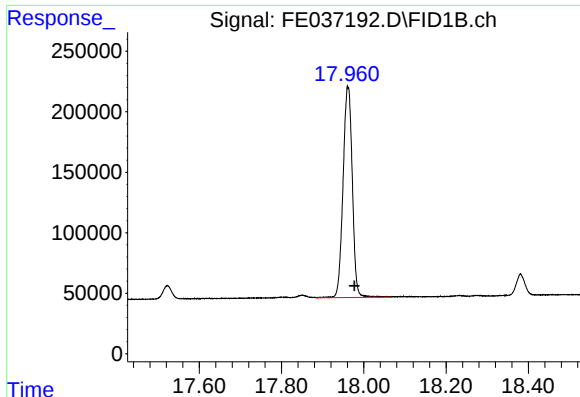
#15 n-Hexacosane (C26)

R.T.: 16.125 min  
Delta R.T.: -0.012 min  
Response: 2769859  
Conc: 17.46 ug/ml



#16 n-Octacosane (C28)

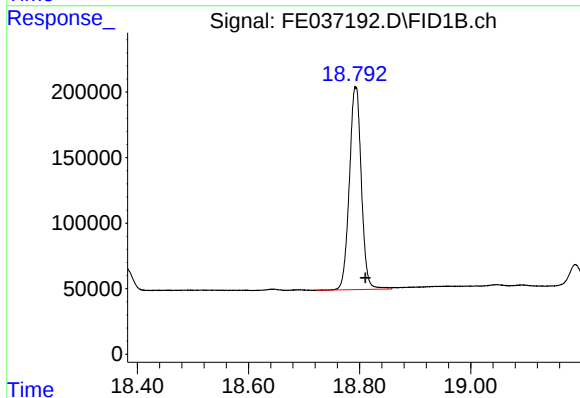
R.T.: 17.073 min  
Delta R.T.: -0.017 min  
Response: 2741921  
Conc: 17.64 ug/ml



#17 n-Tricontane (C30)

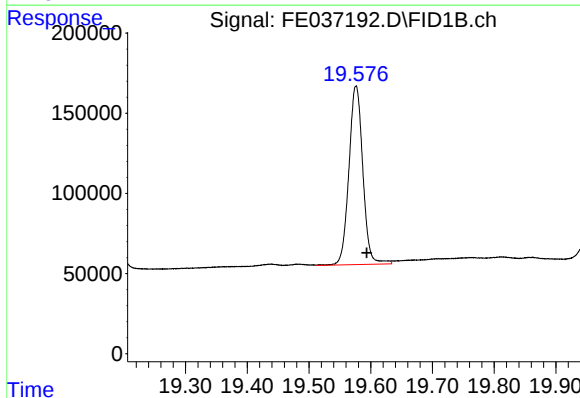
R.T.: 17.962 min  
Delta R.T.: -0.015 min  
Response: 2733352  
Conc: 18.74 ug/ml

Instrument :  
FID\_E  
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20 PPM ALIPHATIC HC STD



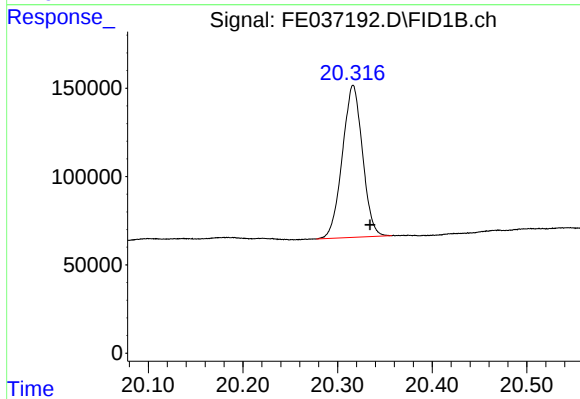
#18 n-Dotriacontane (C32)

R.T.: 18.793 min  
Delta R.T.: -0.018 min  
Response: 2313082  
Conc: 19.90 ug/ml



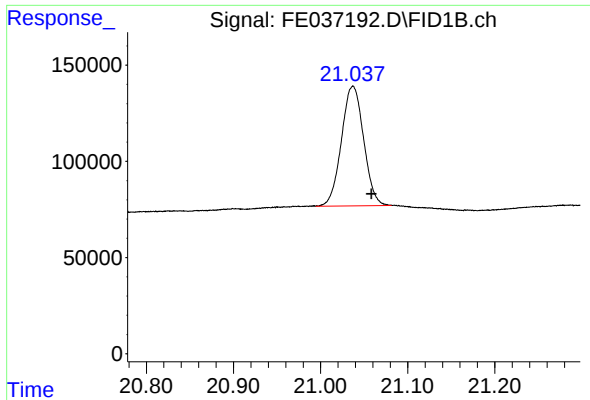
#19 n-Tetratriacontane (C34)

R.T.: 19.576 min  
Delta R.T.: -0.018 min  
Response: 1745577  
Conc: 21.18 ug/ml



#20 n-Hexatriacontane (C36)

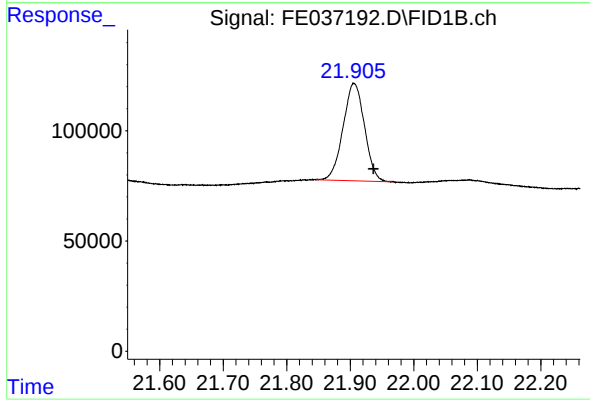
R.T.: 20.316 min  
Delta R.T.: -0.018 min  
Response: 1273941  
Conc: 21.09 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.037 min  
Delta R.T.: -0.021 min  
Response: 1102015  
Conc: 21.61 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 21.905 min  
Delta R.T.: -0.032 min  
Response: 1036158  
Conc: 21.53 ug/ml m