

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE071525AL\  
 Data File : FE054864.D  
 Signal(s) : FID1B.ch  
 Acq On : 15 Jul 2025 22:29  
 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: sample.E  
 Quant Time: Jul 16 04:09:29 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 062725.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jul 08 07:45:12 2025  
 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)    | 12.084 | 3371728    | 20.763 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.53%       |
| 12) S 1-chlorooctadecane (S... | 13.519 | 2552181    | 20.208 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.42%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.425  | 2669975    | 19.850 ug/ml |
| 2) T n-Decane (C10)            | 4.683  | 2867005    | 21.011 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.400  | 3249736    | 21.463 ug/ml |
| 4) T n-Dodecane (C12)          | 6.857  | 2974793    | 21.681 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.501  | 3195306    | 21.736 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.694  | 3020704    | 21.790 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.308 | 3108586    | 21.813 ug/ml |
| 8) T n-Octadecane (C18)        | 11.757 | 3117545    | 21.272 ug/ml |
| 10) T n-Eicosane (C20)         | 13.071 | 2956425    | 20.560 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.686 | 2884921    | 20.198 ug/ml |
| 13) T n-Docosane (C22)         | 14.273 | 2868581    | 20.090 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.380 | 2871967    | 19.757 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.403 | 2832187    | 19.571 ug/ml |
| 16) T n-Octacosane (C28)       | 17.354 | 2844823    | 19.520 ug/ml |
| 17) T n-Tricontane (C30)       | 18.244 | 3044705    | 19.321 ug/ml |
| 18) T n-Dotriacontane (C32)    | 19.079 | 3049325    | 18.848 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.862 | 2852104    | 18.716 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.603 | 2577187    | 19.168 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.383 | 2692416    | 22.956 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.376 | 2453778    | 22.640 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

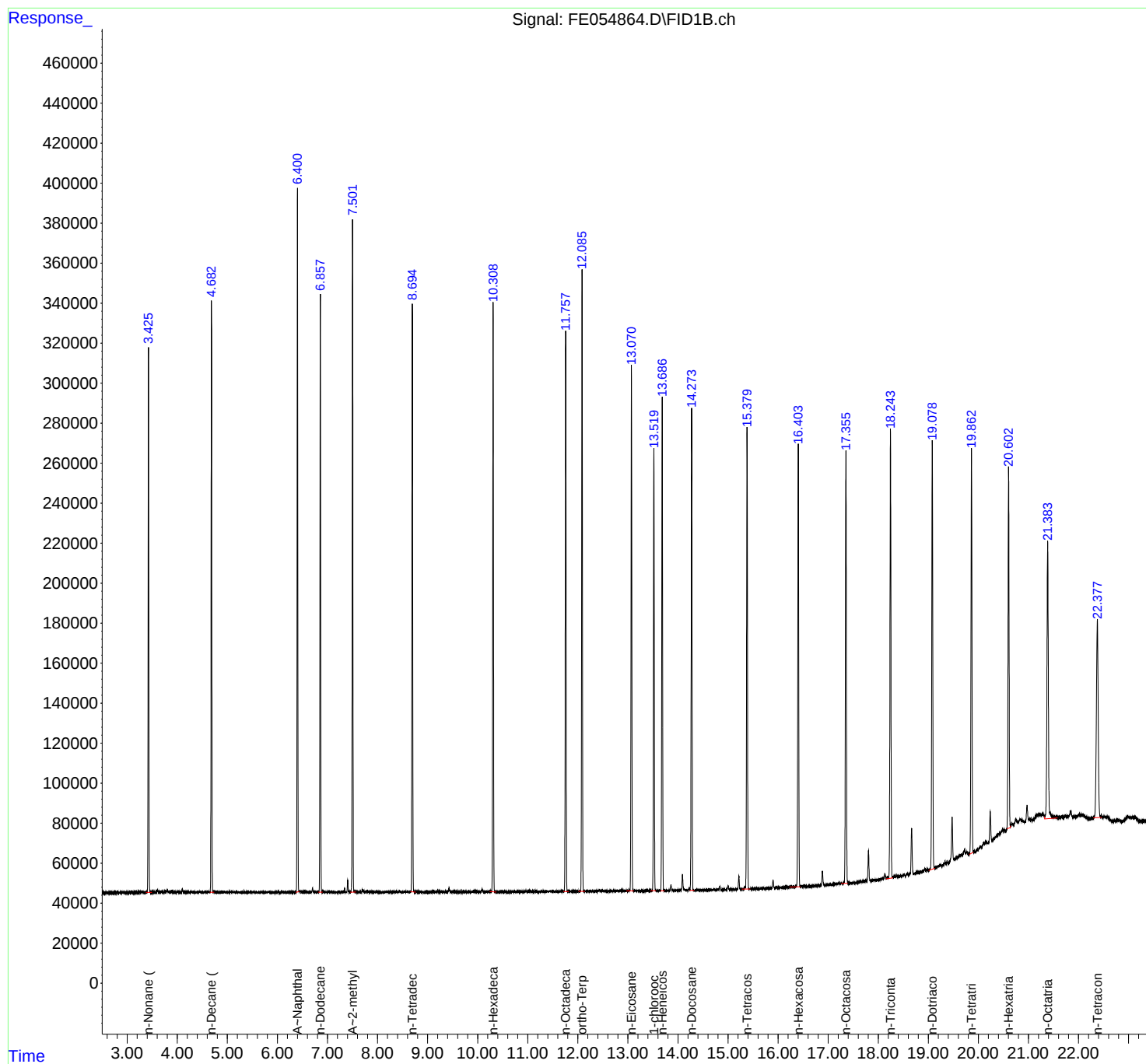
(m)=manual int.

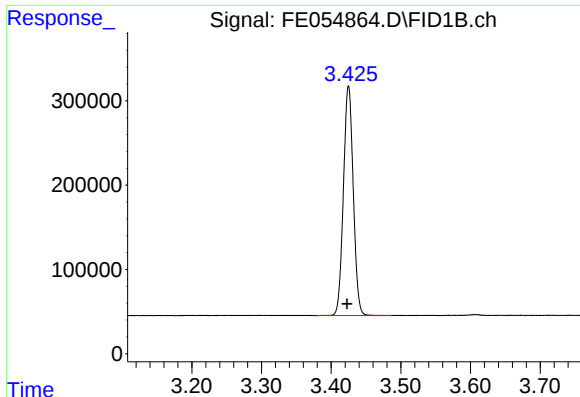
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE071525AL\  
Data File : FE054864.D  
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Acq On : 15 Jul 2025 22:29  
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QLast Update : Tue Jul 08 07:45:12 2025  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
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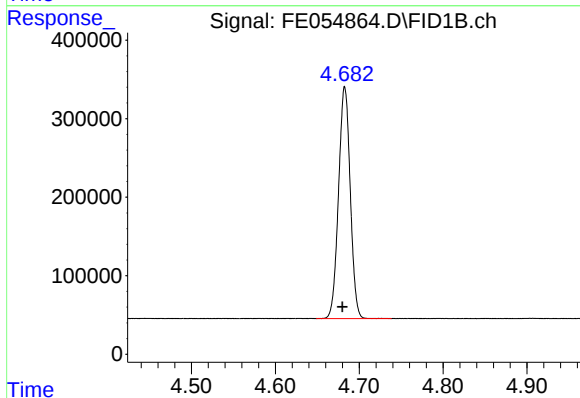




#1 n-Nonane (C9)

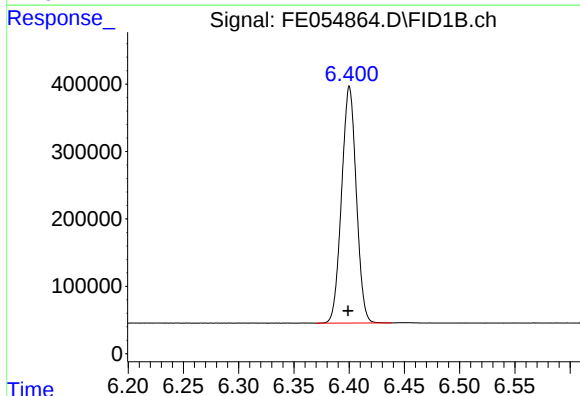
R.T.: 3.425 min  
Delta R.T.: 0.002 min  
Response: 2669975  
Conc: 19.85 ug/ml

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



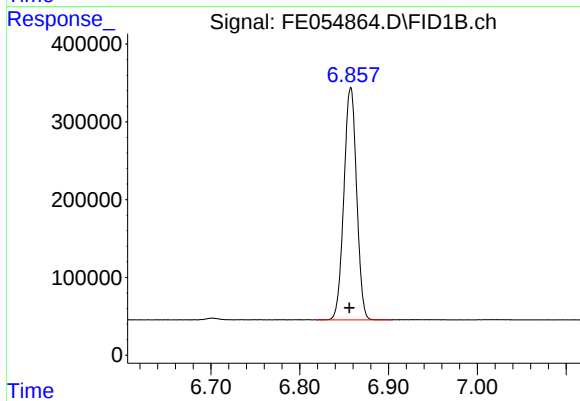
#2 n-Decane (C10)

R.T.: 4.683 min  
Delta R.T.: 0.003 min  
Response: 2867005  
Conc: 21.01 ug/ml



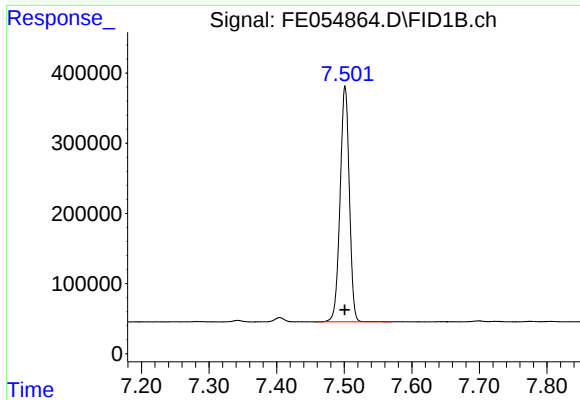
#3 A~Naphthalene (C11.7)

R.T.: 6.400 min  
Delta R.T.: 0.001 min  
Response: 3249736  
Conc: 21.46 ug/ml



#4 n-Dodecane (C12)

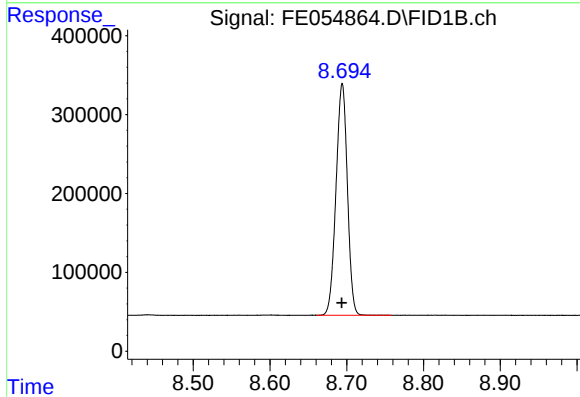
R.T.: 6.857 min  
Delta R.T.: 0.001 min  
Response: 2974793  
Conc: 21.68 ug/ml



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

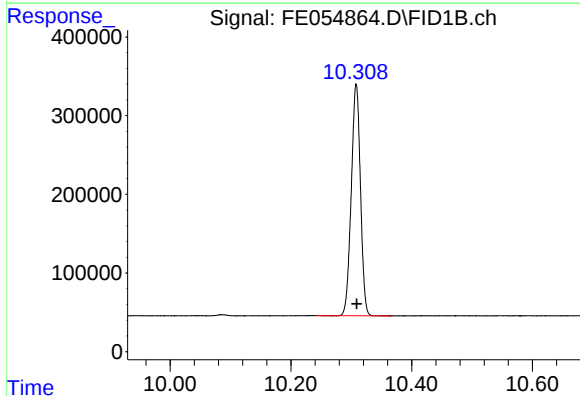
R.T.: 7.501 min  
Delta R.T.: 0.000 min  
Response: 3195306  
Conc: 21.74 ug/ml

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



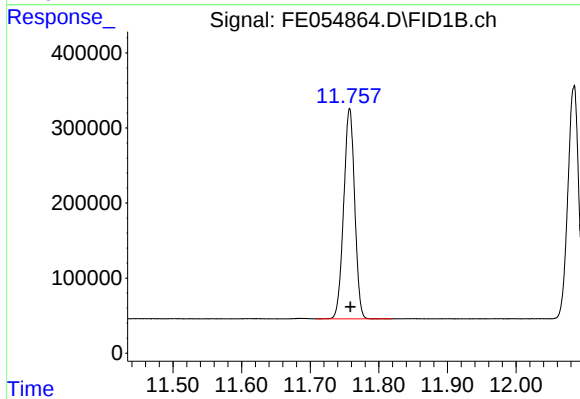
#6 n-Tetradecane (C14)

R.T.: 8.694 min  
Delta R.T.: 0.000 min  
Response: 3020704  
Conc: 21.79 ug/ml



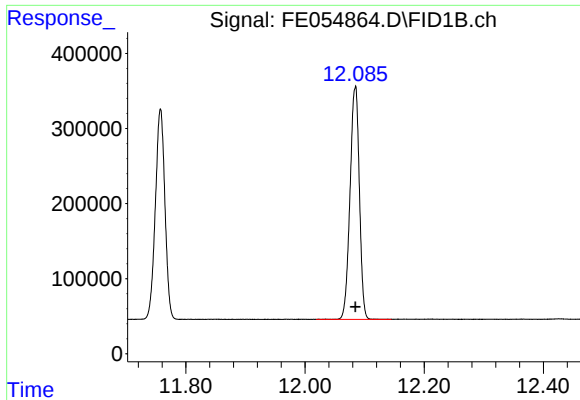
#7 n-Hexadecane (C16)

R.T.: 10.308 min  
Delta R.T.: 0.000 min  
Response: 3108586  
Conc: 21.81 ug/ml



#8 n-Octadecane (C18)

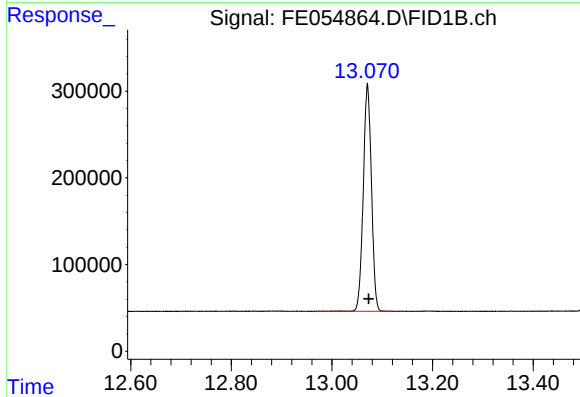
R.T.: 11.757 min  
Delta R.T.: -0.001 min  
Response: 3117545  
Conc: 21.27 ug/ml



#9 ortho-Terphenyl (SURR)

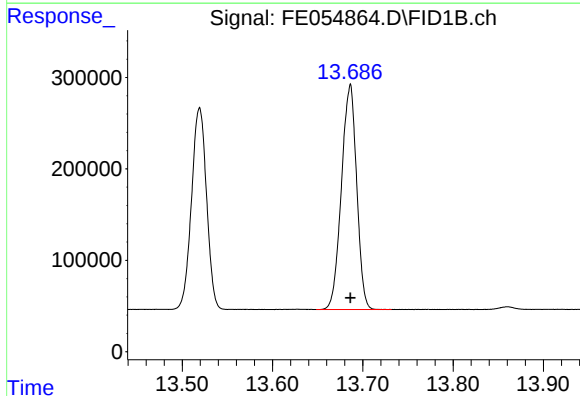
R.T.: 12.084 min  
Delta R.T.: 0.000 min  
Response: 3371728  
Conc: 20.76 ug/ml

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



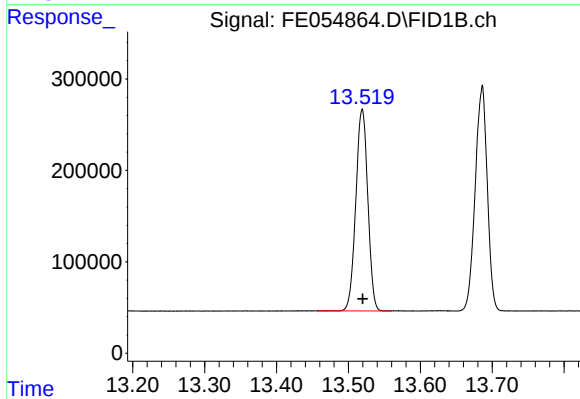
#10 n-Eicosane (C20)

R.T.: 13.071 min  
Delta R.T.: -0.002 min  
Response: 2956425  
Conc: 20.56 ug/ml



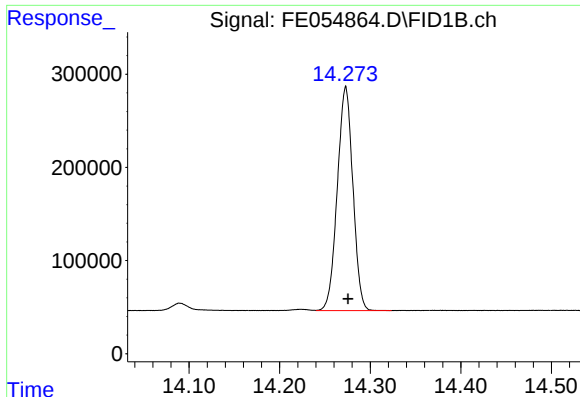
#11 n-Heneicosane (C21)

R.T.: 13.686 min  
Delta R.T.: 0.000 min  
Response: 2884921  
Conc: 20.20 ug/ml



#12 1-chlorooctadecane (SURR)

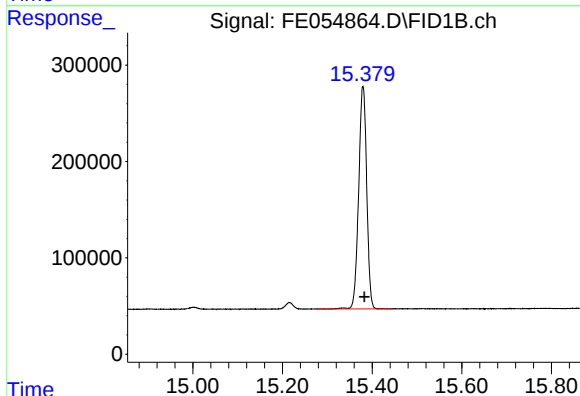
R.T.: 13.519 min  
Delta R.T.: 0.000 min  
Response: 2552181  
Conc: 20.21 ug/ml



#13 n-Docosane (C22)

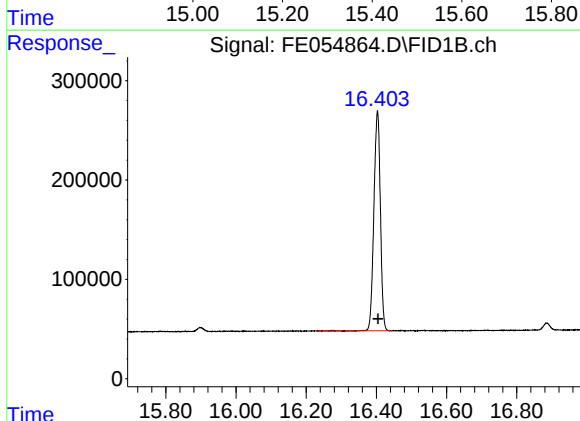
R.T.: 14.273 min  
Delta R.T.: -0.003 min  
Response: 2868581  
Conc: 20.09 ug/ml

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



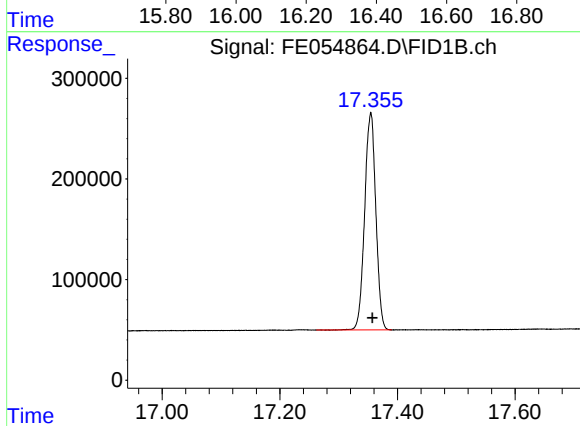
#14 n-Tetracosane (C24)

R.T.: 15.380 min  
Delta R.T.: -0.003 min  
Response: 2871967  
Conc: 19.76 ug/ml



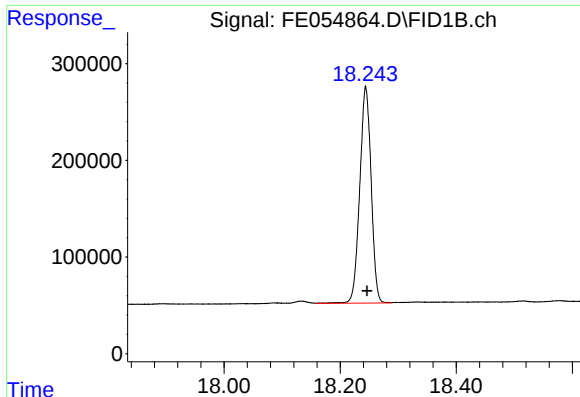
#15 n-Hexacosane (C26)

R.T.: 16.403 min  
Delta R.T.: -0.002 min  
Response: 2832187  
Conc: 19.57 ug/ml



#16 n-Octacosane (C28)

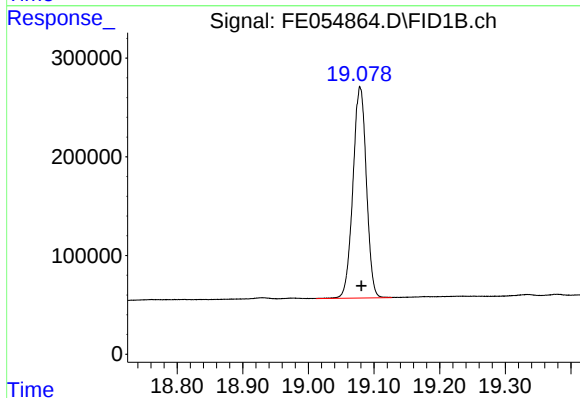
R.T.: 17.354 min  
Delta R.T.: -0.003 min  
Response: 2844823  
Conc: 19.52 ug/ml



#17 n-Tricontane (C30)

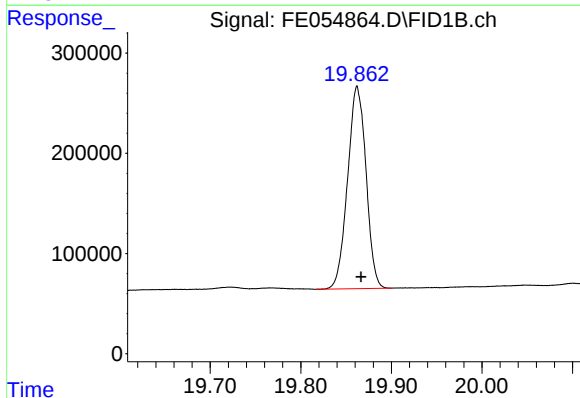
R.T.: 18.244 min  
Delta R.T.: -0.002 min  
Response: 3044705  
Conc: 19.32 ug/ml

Instrument :  
FID\_E  
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20 PPM ALIPHATIC HC STD



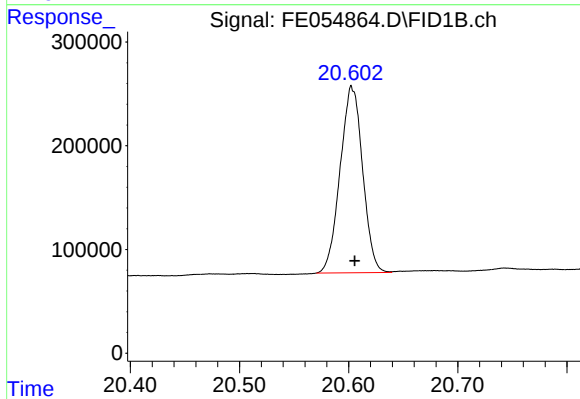
#18 n-Dotriacontane (C32)

R.T.: 19.079 min  
Delta R.T.: -0.002 min  
Response: 3049325  
Conc: 18.85 ug/ml



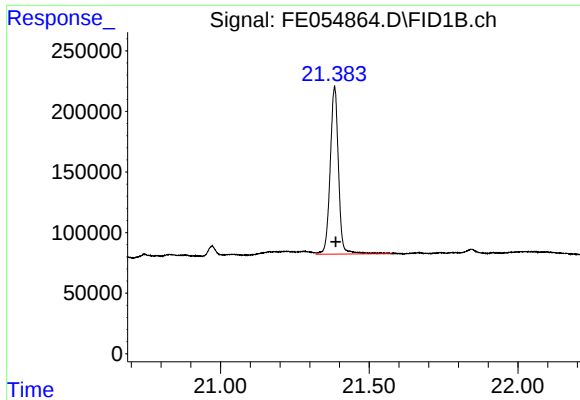
#19 n-Tetratriacontane (C34)

R.T.: 19.862 min  
Delta R.T.: -0.004 min  
Response: 2852104  
Conc: 18.72 ug/ml



#20 n-Hexatriacontane (C36)

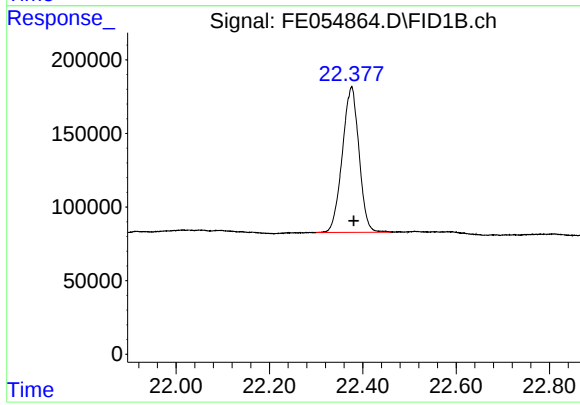
R.T.: 20.603 min  
Delta R.T.: -0.002 min  
Response: 2577187  
Conc: 19.17 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.383 min  
Delta R.T.: -0.004 min  
Response: 2692416  
Conc: 22.96 ug/ml

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



#22 n-Tetracontane (C40)

R.T.: 22.376 min  
Delta R.T.: -0.005 min  
Response: 2453778  
Conc: 22.64 ug/ml