

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE100225AL\  
 Data File : FE056147.D  
 Signal(s) : FID1B.ch  
 Acq On : 02 Oct 2025 12:13  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Oct 03 00:55:43 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 092425.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Sep 24 12:55:37 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)    | 12.069 | 3955729    | 21.080 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 42.16%       |
| 12) S 1-chlorooctadecane (S... | 13.505 | 2953939    | 21.165 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 42.33%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.412  | 2495039    | 18.213 ug/ml |
| 2) T n-Decane (C10)            | 4.670  | 2621322    | 18.782 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.389  | 3222261    | 20.182 ug/ml |
| 4) T n-Dodecane (C12)          | 6.844  | 2848649    | 19.847 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.489  | 3227056    | 20.750 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.679  | 3080547    | 20.836 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.294 | 3422282    | 21.536 ug/ml |
| 8) T n-Octadecane (C18)        | 11.743 | 3644070    | 21.514 ug/ml |
| 10) T n-Eicosane (C20)         | 13.057 | 3522523    | 21.250 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.671 | 3395754    | 20.898 ug/ml |
| 13) T n-Docosane (C22)         | 14.259 | 3316593    | 20.756 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.364 | 3122446    | 20.491 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.388 | 2905254    | 20.369 ug/ml |
| 16) T n-Octacosane (C28)       | 17.340 | 2807646    | 20.155 ug/ml |
| 17) T n-Tricontane (C30)       | 18.229 | 2910276    | 19.640 ug/ml |
| 18) T n-Dotriacontane (C32)    | 19.063 | 2952280    | 19.788 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.848 | 2846255    | 20.122 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.588 | 2623175    | 20.434 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.360 | 2582196    | 19.660 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.342 | 2347718    | 19.734 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

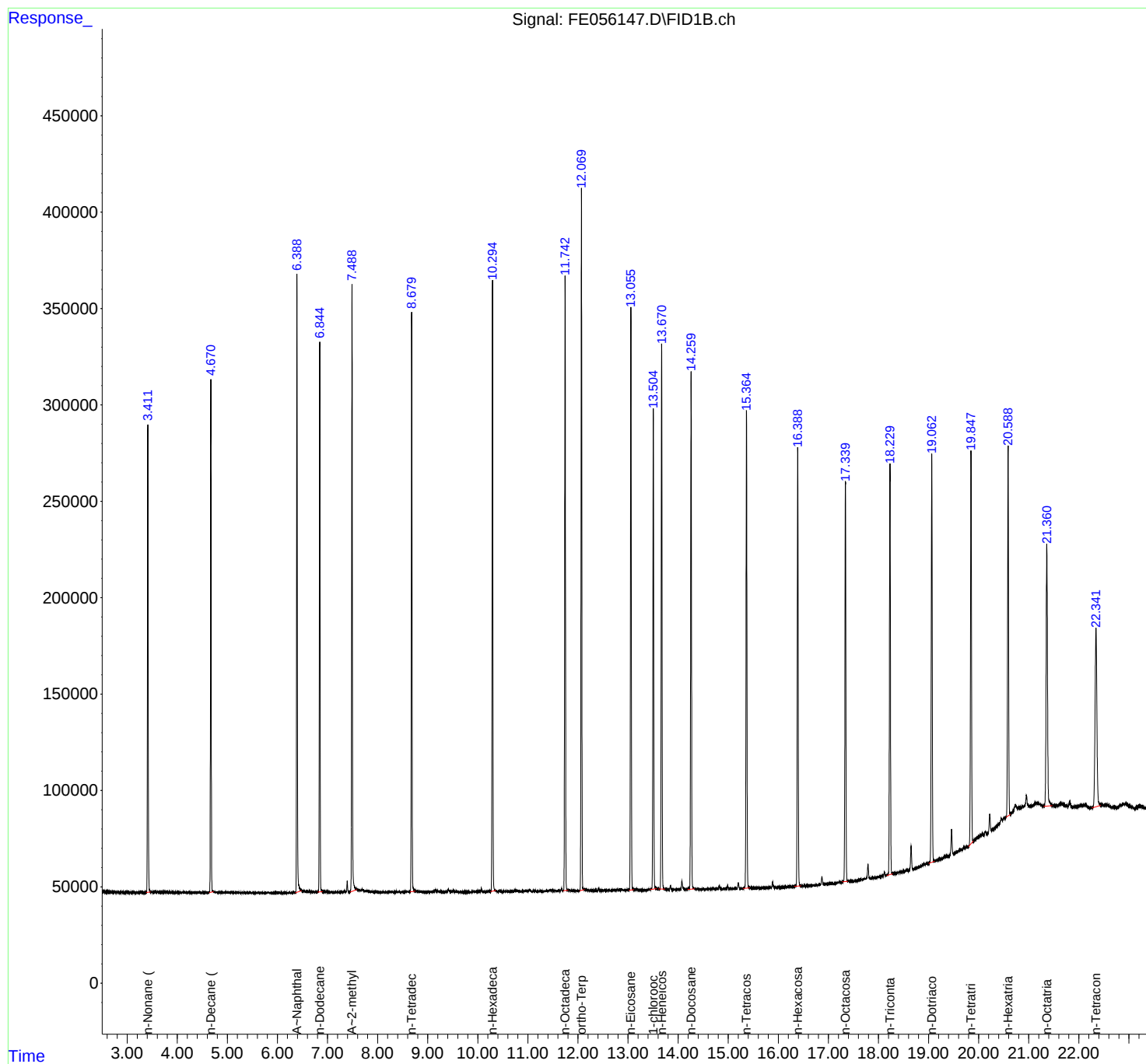
(m)=manual int.

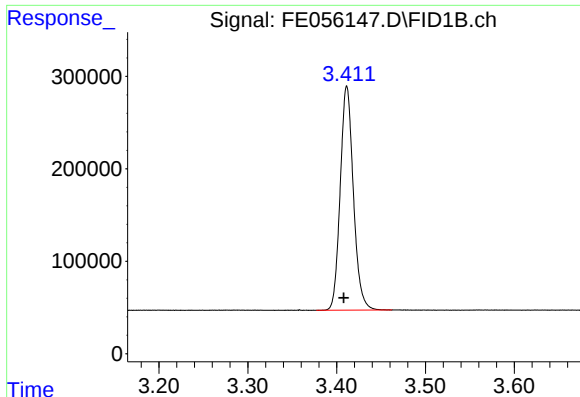
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE100225AL\  
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Misc :  
ALS Vial : 3 Sample Multiplier: 1

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Quant Title : GC Extractables  
QLast Update : Wed Sep 24 12:55:37 2025  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

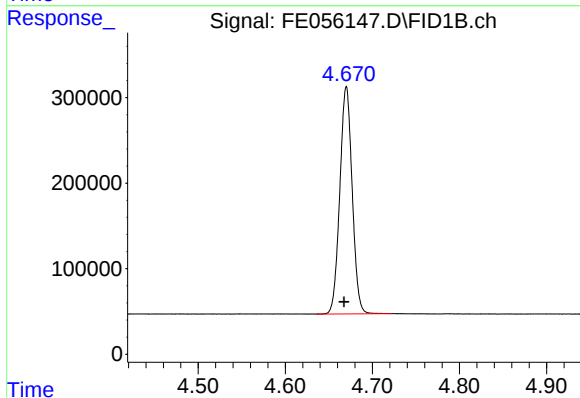




#1 n-Nonane (C9)

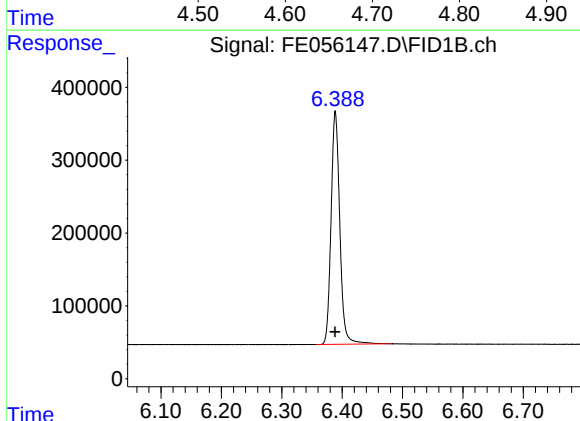
R.T.: 3.412 min  
Delta R.T.: 0.004 min  
Response: 2495039  
Conc: 18.21 ug/ml

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



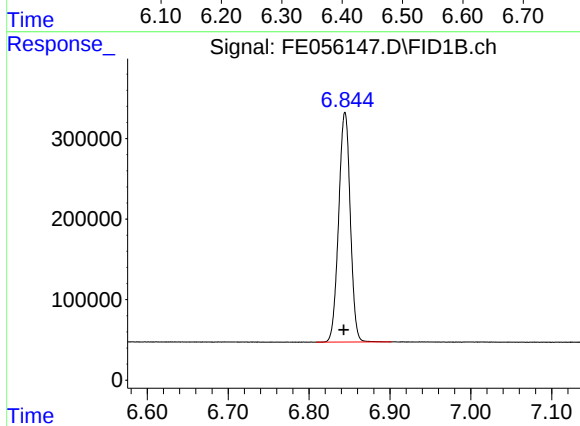
#2 n-Decane (C10)

R.T.: 4.670 min  
Delta R.T.: 0.003 min  
Response: 2621322  
Conc: 18.78 ug/ml



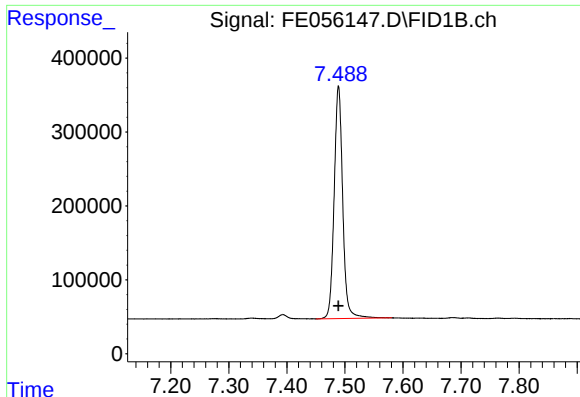
#3 A~Naphthalene (C11.7)

R.T.: 6.389 min  
Delta R.T.: 0.000 min  
Response: 3222261  
Conc: 20.18 ug/ml



#4 n-Dodecane (C12)

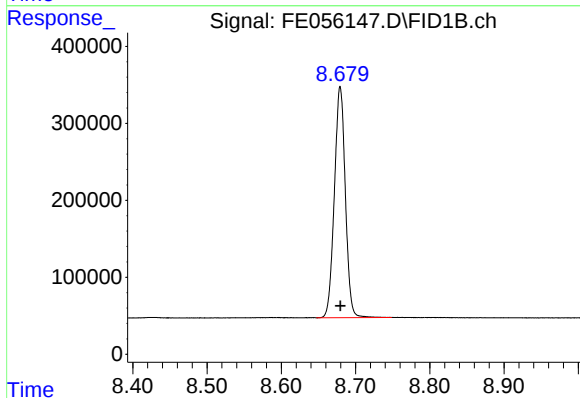
R.T.: 6.844 min  
Delta R.T.: 0.002 min  
Response: 2848649  
Conc: 19.85 ug/ml



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

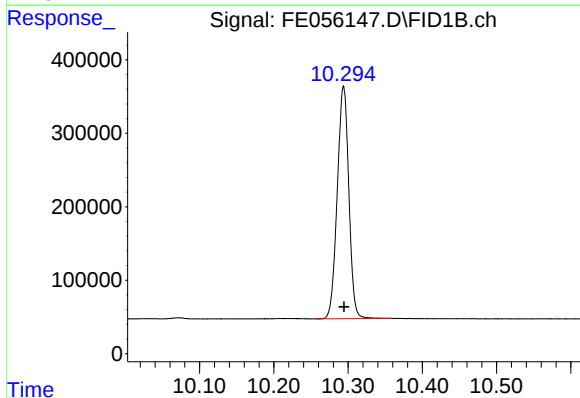
R.T.: 7.489 min  
Delta R.T.: 0.000 min  
Response: 3227056  
Conc: 20.75 ug/ml

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



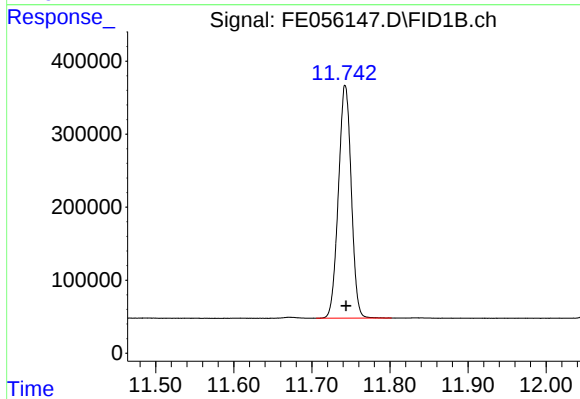
#6 n-Tetradecane (C14)

R.T.: 8.679 min  
Delta R.T.: 0.000 min  
Response: 3080547  
Conc: 20.84 ug/ml



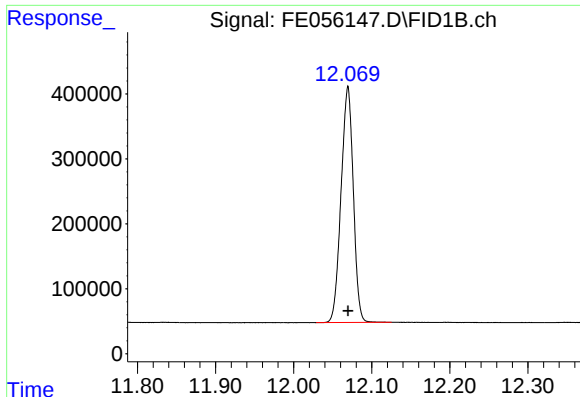
#7 n-Hexadecane (C16)

R.T.: 10.294 min  
Delta R.T.: 0.000 min  
Response: 3422282  
Conc: 21.54 ug/ml



#8 n-Octadecane (C18)

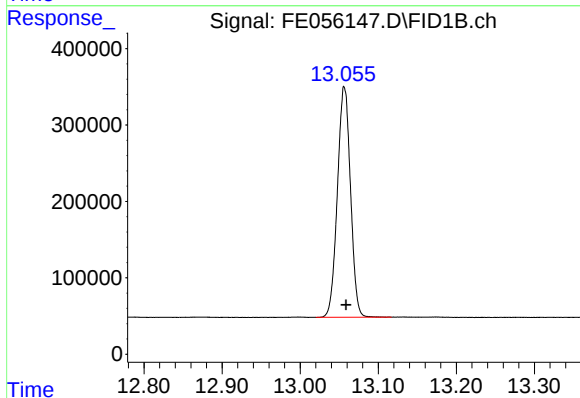
R.T.: 11.743 min  
Delta R.T.: -0.001 min  
Response: 3644070  
Conc: 21.51 ug/ml



#9 ortho-Terphenyl (SURR)

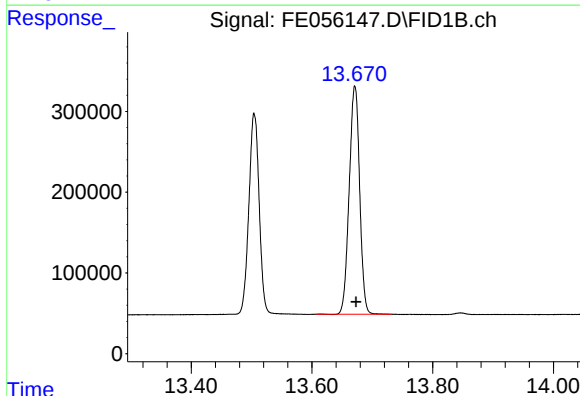
R.T.: 12.069 min  
Delta R.T.: 0.000 min  
Response: 3955729  
Conc: 21.08 ug/ml

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



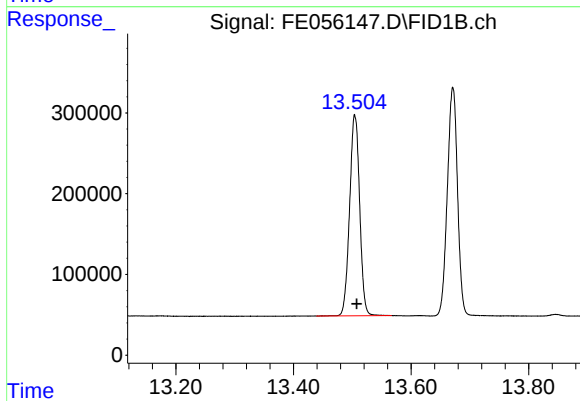
#10 n-Eicosane (C20)

R.T.: 13.057 min  
Delta R.T.: -0.002 min  
Response: 3522523  
Conc: 21.25 ug/ml



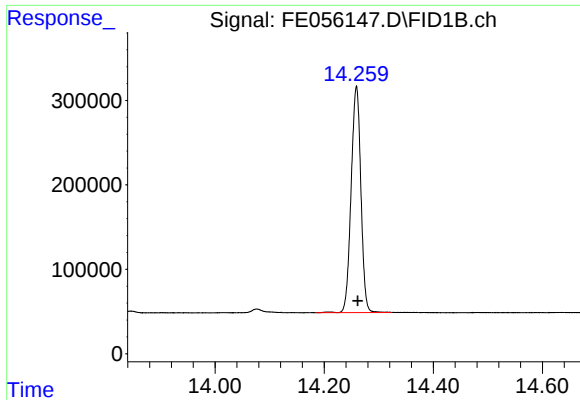
#11 n-Heneicosane (C21)

R.T.: 13.671 min  
Delta R.T.: -0.002 min  
Response: 3395754  
Conc: 20.90 ug/ml



#12 1-chlorooctadecane (SURR)

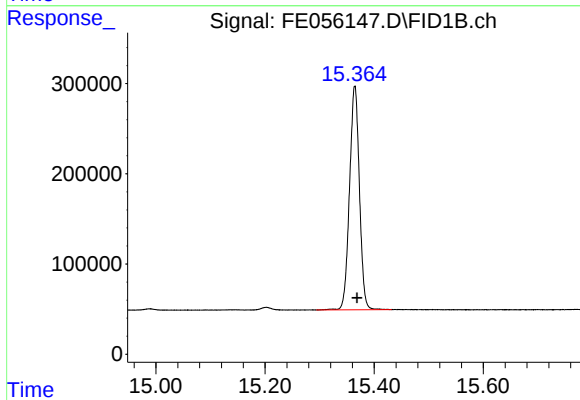
R.T.: 13.505 min  
Delta R.T.: -0.003 min  
Response: 2953939  
Conc: 21.17 ug/ml



#13 n-Docosane (C22)

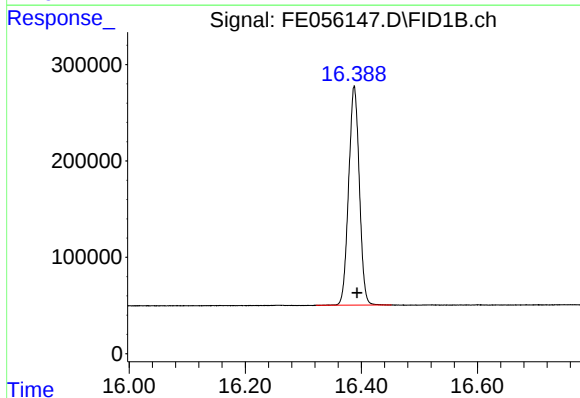
R.T.: 14.259 min  
Delta R.T.: -0.002 min  
Response: 3316593  
Conc: 20.76 ug/ml

Instrument :  
FID\_E  
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20 PPM ALIPHATIC HC STD



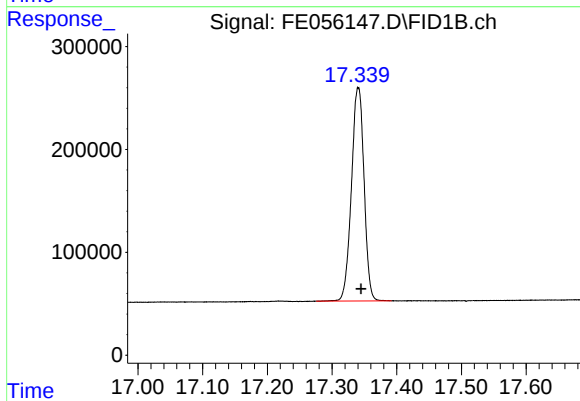
#14 n-Tetracosane (C24)

R.T.: 15.364 min  
Delta R.T.: -0.004 min  
Response: 3122446  
Conc: 20.49 ug/ml



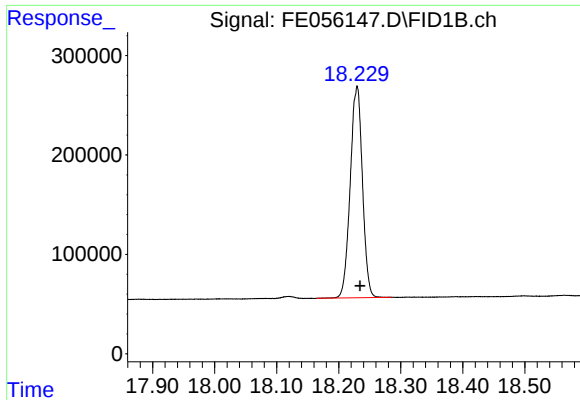
#15 n-Hexacosane (C26)

R.T.: 16.388 min  
Delta R.T.: -0.005 min  
Response: 2905254  
Conc: 20.37 ug/ml



#16 n-Octacosane (C28)

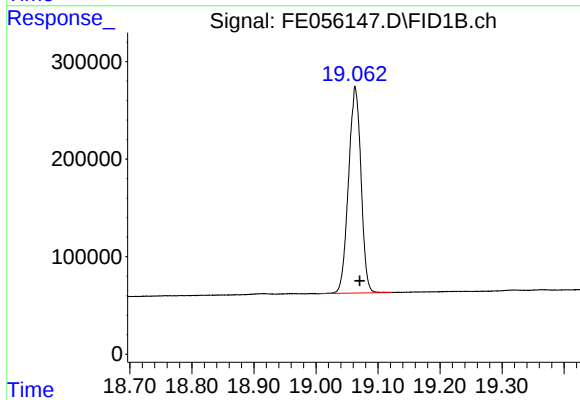
R.T.: 17.340 min  
Delta R.T.: -0.004 min  
Response: 2807646  
Conc: 20.15 ug/ml



#17 n-Tricontane (C30)

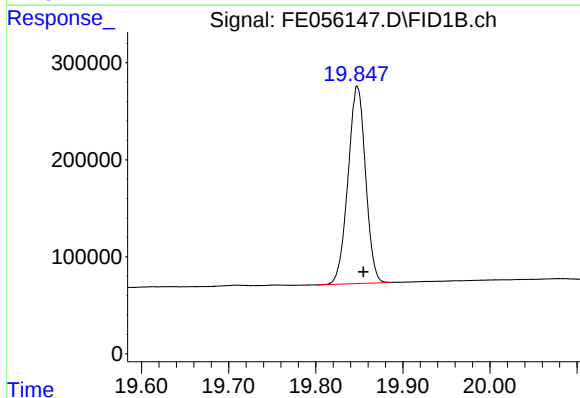
R.T.: 18.229 min  
Delta R.T.: -0.005 min  
Response: 2910276  
Conc: 19.64 ug/ml

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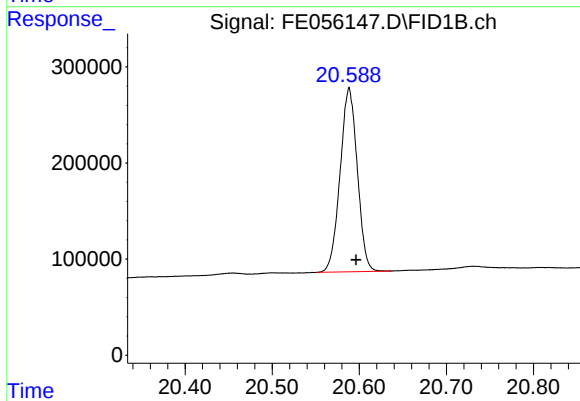
#18 n-Dotriacontane (C32)

R.T.: 19.063 min  
Delta R.T.: -0.007 min  
Response: 2952280  
Conc: 19.79 ug/ml



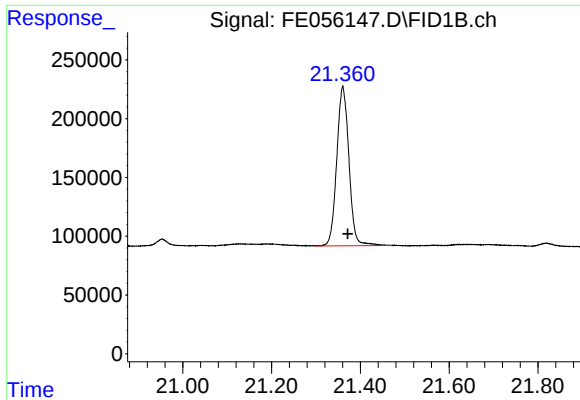
#19 n-Tetratriacontane (C34)

R.T.: 19.848 min  
Delta R.T.: -0.007 min  
Response: 2846255  
Conc: 20.12 ug/ml



#20 n-Hexatriacontane (C36)

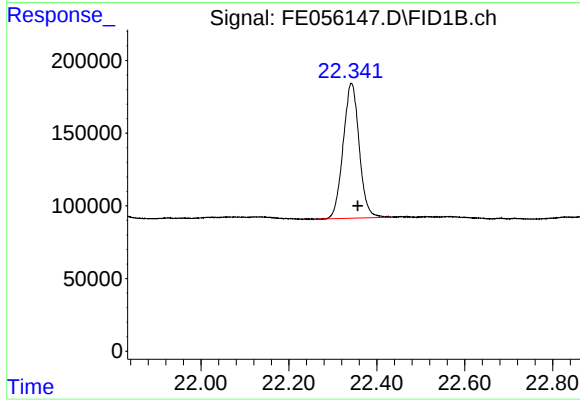
R.T.: 20.588 min  
Delta R.T.: -0.008 min  
Response: 2623175  
Conc: 20.43 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.360 min  
Delta R.T.: -0.011 min  
Response: 2582196  
Conc: 19.66 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.342 min  
Delta R.T.: -0.014 min  
Response: 2347718  
Conc: 19.73 ug/ml