

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE081825AL\  
 Data File : FE055375.D  
 Signal(s) : FID1B.ch  
 Acq On : 19 Aug 2025 01:10  
 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 03:54:38 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 080125.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Aug 01 13:47:09 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)    | 12.079 | 2834216    | 19.847 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.69%       |
| 12) S 1-chlorooctadecane (S... | 13.515 | 2142556    | 19.926 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.85%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.418  | 2271619    | 19.793 ug/ml |
| 2) T n-Decane (C10)            | 4.675  | 2338622    | 20.075 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.395  | 2657705    | 19.800 ug/ml |
| 4) T n-Dodecane (C12)          | 6.851  | 2396113    | 20.122 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.496  | 2567134    | 19.689 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.688  | 2420593    | 19.742 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.303 | 2522530    | 19.731 ug/ml |
| 8) T n-Octadecane (C18)        | 11.752 | 2595048    | 19.889 ug/ml |
| 10) T n-Eicosane (C20)         | 13.068 | 2498917    | 19.916 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.682 | 2447706    | 19.857 ug/ml |
| 13) T n-Docosane (C22)         | 14.270 | 2427573    | 19.879 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.376 | 2406828    | 19.788 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.401 | 2372078    | 19.826 ug/ml |
| 16) T n-Octacosane (C28)       | 17.353 | 2372840    | 20.003 ug/ml |
| 17) T n-Tricontane (C30)       | 18.242 | 2481986    | 20.171 ug/ml |
| 18) T n-Dotriacontane (C32)    | 19.076 | 2485229    | 20.369 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.860 | 2384499    | 20.394 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.603 | 2190575    | 20.042 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.380 | 2128726    | 19.698 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.367 | 2081553    | 19.905 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

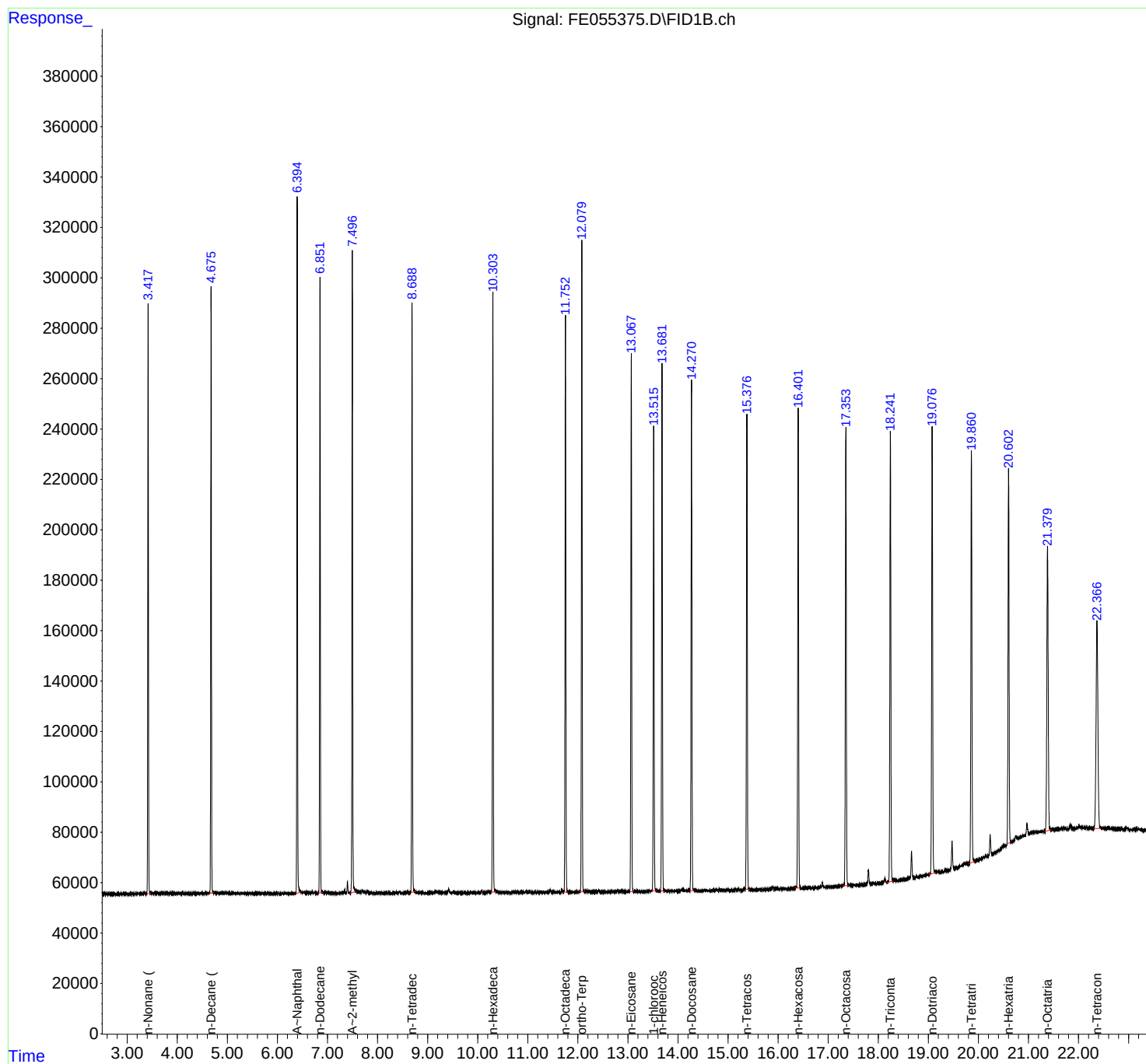
(m)=manual int.

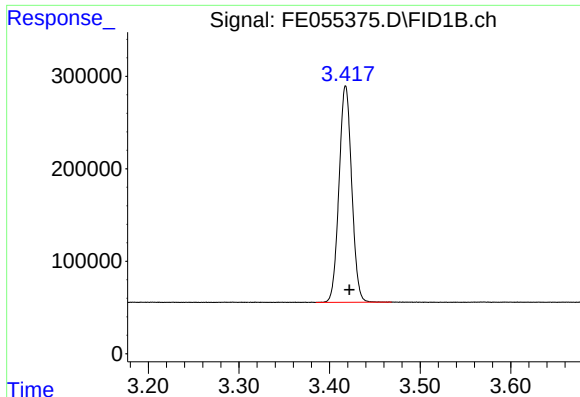
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE081825AL\  
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QLast Update : Fri Aug 01 13:47:09 2025  
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Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um

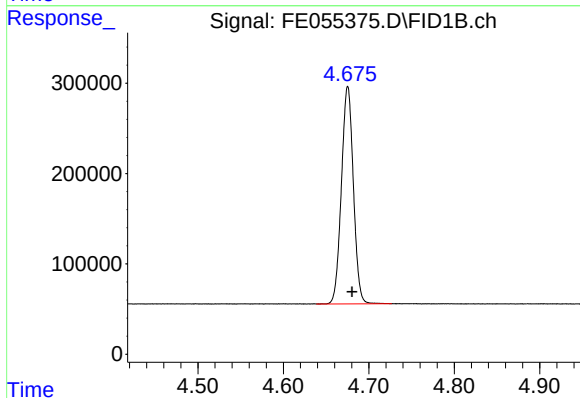




#1 n-Nonane (C9)

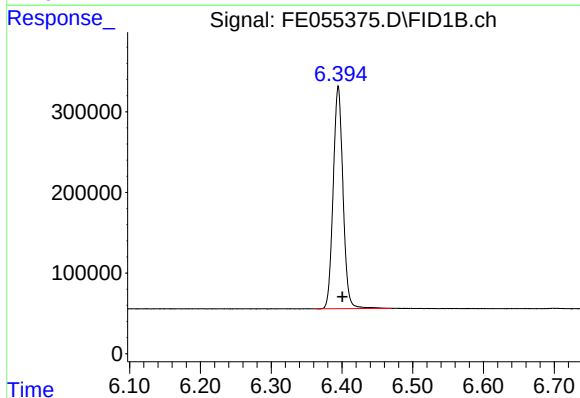
R.T.: 3.418 min  
Delta R.T.: -0.004 min  
Response: 2271619  
Conc: 19.79 ug/ml

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



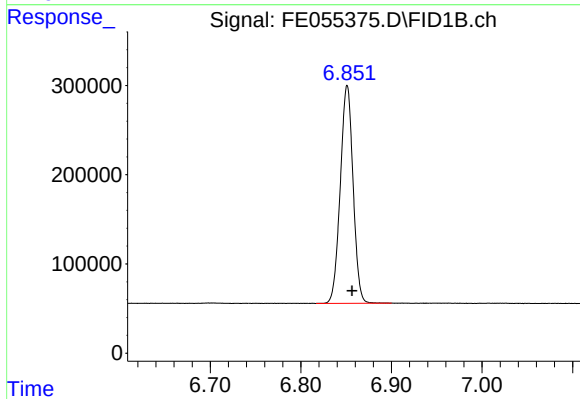
#2 n-Decane (C10)

R.T.: 4.675 min  
Delta R.T.: -0.005 min  
Response: 2338622  
Conc: 20.07 ug/ml



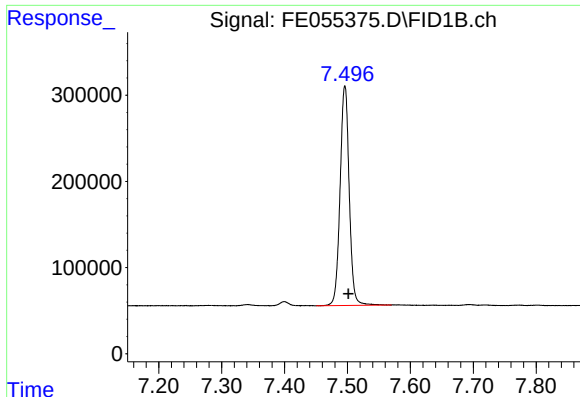
#3 A~Naphthalene (C11.7)

R.T.: 6.395 min  
Delta R.T.: -0.006 min  
Response: 2657705  
Conc: 19.80 ug/ml



#4 n-Dodecane (C12)

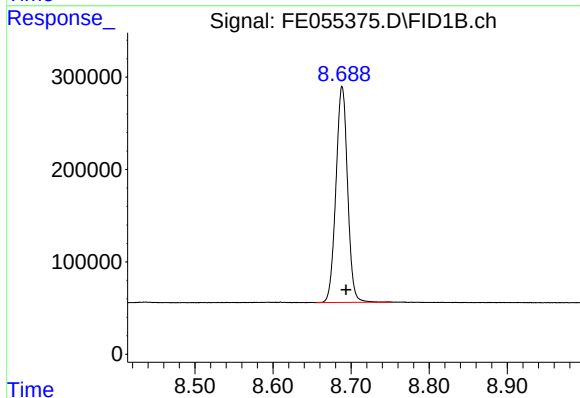
R.T.: 6.851 min  
Delta R.T.: -0.005 min  
Response: 2396113  
Conc: 20.12 ug/ml



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

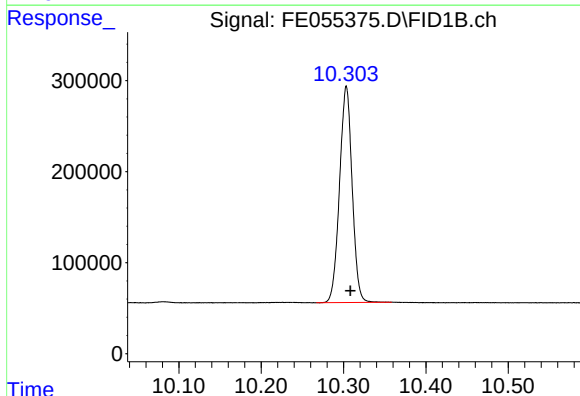
R.T.: 7.496 min  
Delta R.T.: -0.005 min  
Response: 2567134  
Conc: 19.69 ug/ml

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



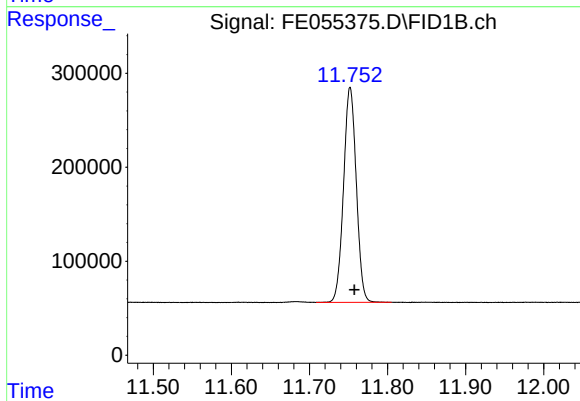
#6 n-Tetradecane (C14)

R.T.: 8.688 min  
Delta R.T.: -0.005 min  
Response: 2420593  
Conc: 19.74 ug/ml



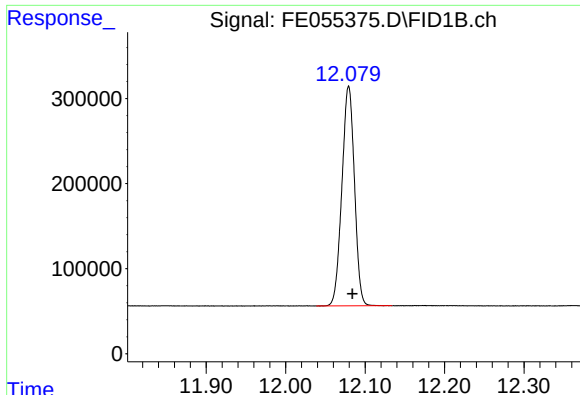
#7 n-Hexadecane (C16)

R.T.: 10.303 min  
Delta R.T.: -0.005 min  
Response: 2522530  
Conc: 19.73 ug/ml



#8 n-Octadecane (C18)

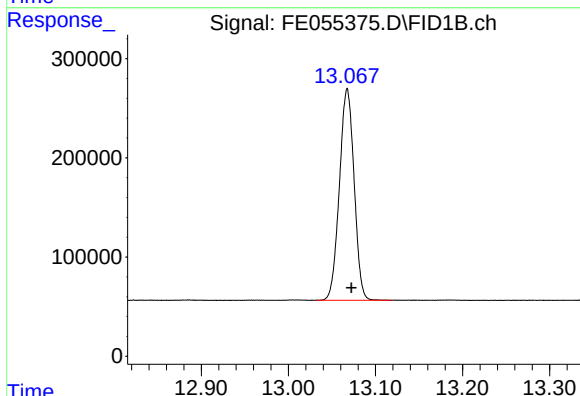
R.T.: 11.752 min  
Delta R.T.: -0.006 min  
Response: 2595048  
Conc: 19.89 ug/ml



#9 ortho-Terphenyl (SURR)

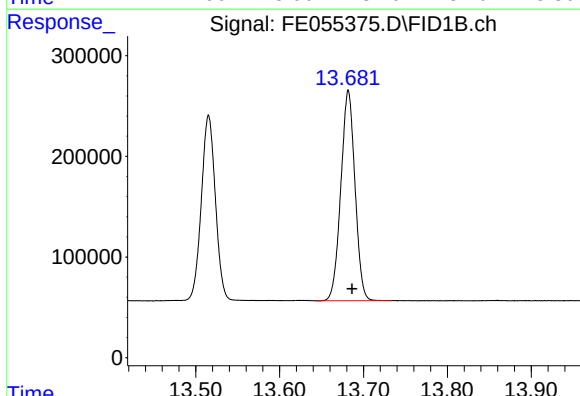
R.T.: 12.079 min  
Delta R.T.: -0.005 min  
Response: 2834216  
Conc: 19.85 ug/ml

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



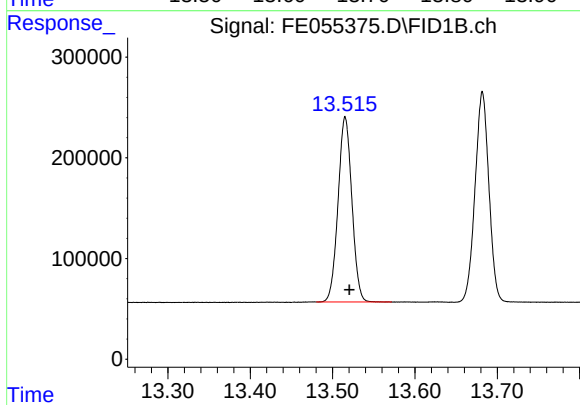
#10 n-Eicosane (C20)

R.T.: 13.068 min  
Delta R.T.: -0.005 min  
Response: 2498917  
Conc: 19.92 ug/ml



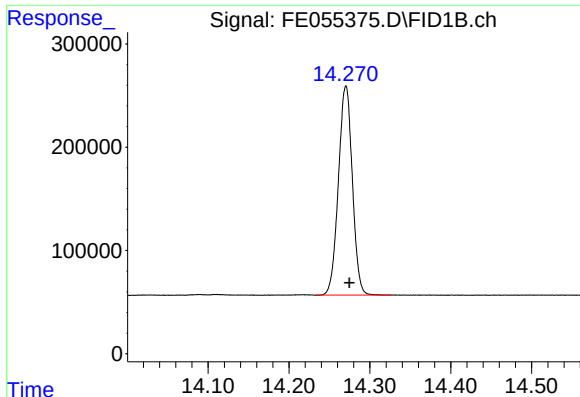
#11 n-Heneicosane (C21)

R.T.: 13.682 min  
Delta R.T.: -0.004 min  
Response: 2447706  
Conc: 19.86 ug/ml



#12 1-chlorooctadecane (SURR)

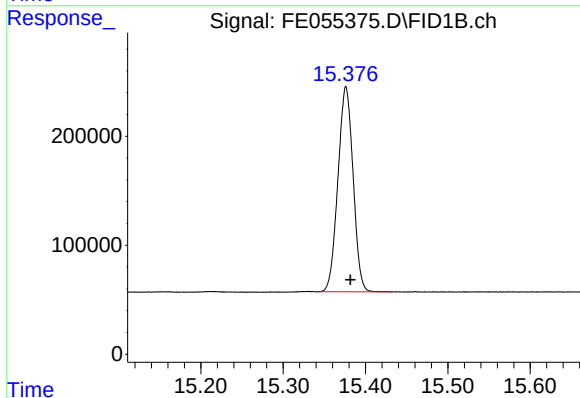
R.T.: 13.515 min  
Delta R.T.: -0.005 min  
Response: 2142556  
Conc: 19.93 ug/ml



#13 n-Docosane (C22)

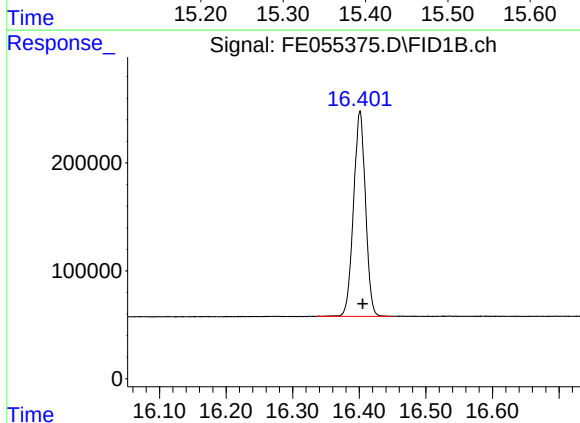
R.T.: 14.270 min  
Delta R.T.: -0.005 min  
Response: 2427573  
Conc: 19.88 ug/ml

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



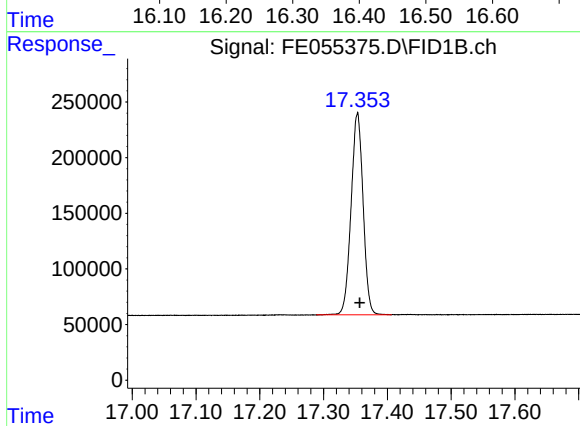
#14 n-Tetracosane (C24)

R.T.: 15.376 min  
Delta R.T.: -0.005 min  
Response: 2406828  
Conc: 19.79 ug/ml



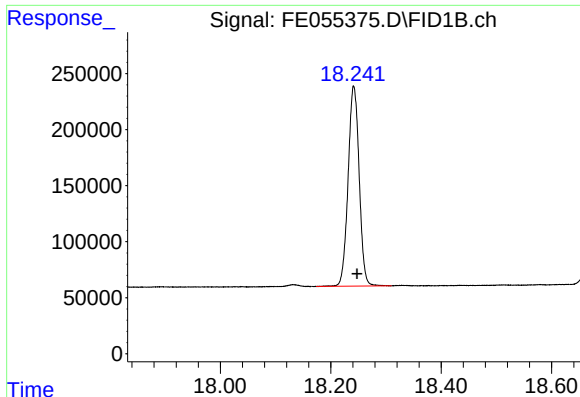
#15 n-Hexacosane (C26)

R.T.: 16.401 min  
Delta R.T.: -0.004 min  
Response: 2372078  
Conc: 19.83 ug/ml



#16 n-Octacosane (C28)

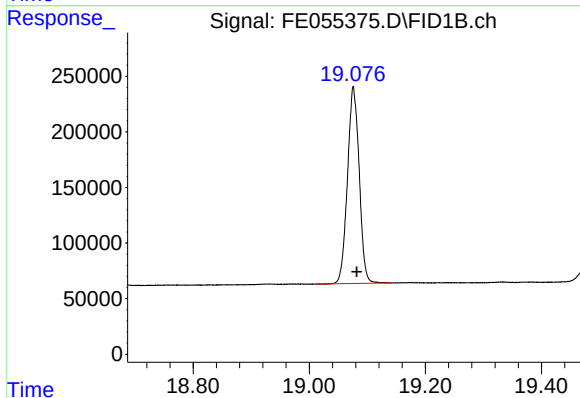
R.T.: 17.353 min  
Delta R.T.: -0.004 min  
Response: 2372840  
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

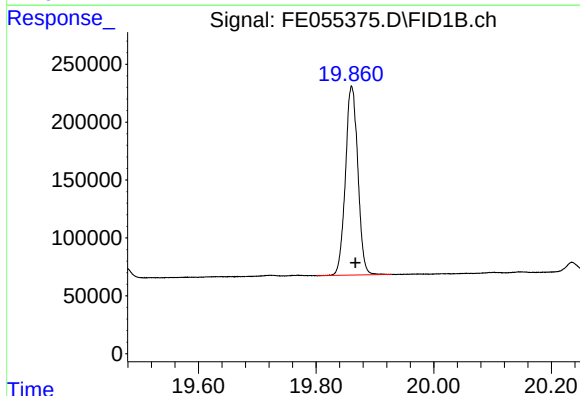
R.T.: 18.242 min  
Delta R.T.: -0.006 min  
Response: 2481986  
Conc: 20.17 ug/ml

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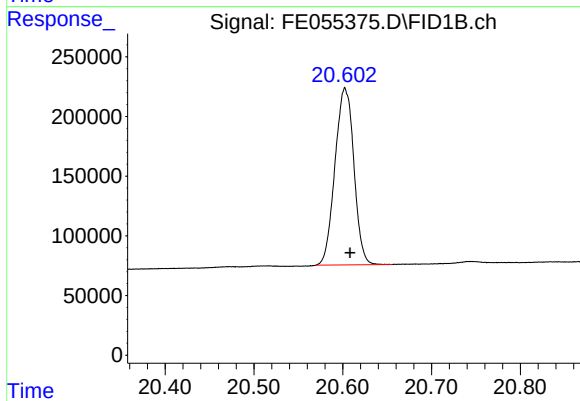
#18 n-Dotriacontane (C32)

R.T.: 19.076 min  
Delta R.T.: -0.005 min  
Response: 2485229  
Conc: 20.37 ug/ml



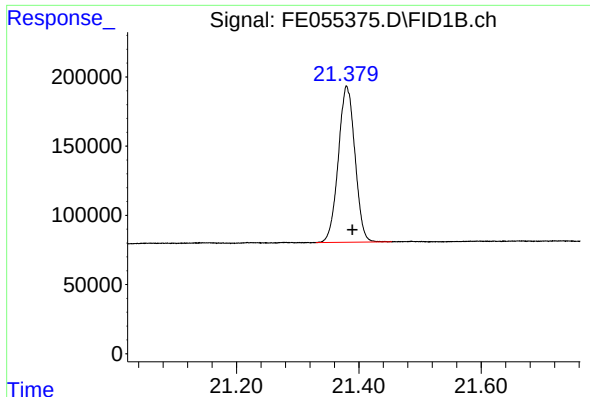
#19 n-Tetratriacontane (C34)

R.T.: 19.860 min  
Delta R.T.: -0.006 min  
Response: 2384499  
Conc: 20.39 ug/ml



#20 n-Hexatriacontane (C36)

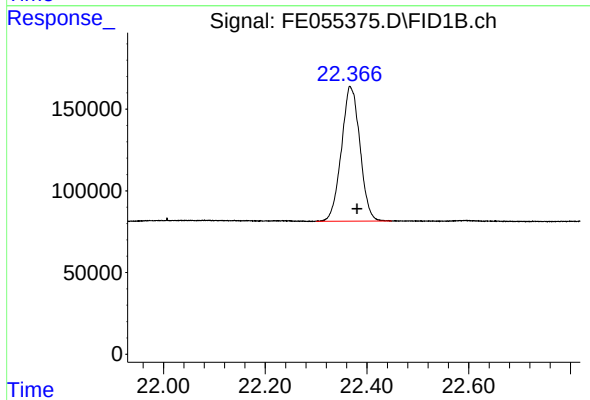
R.T.: 20.603 min  
Delta R.T.: -0.006 min  
Response: 2190575  
Conc: 20.04 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.380 min  
Delta R.T.: -0.009 min  
Response: 2128726  
Conc: 19.70 ug/ml

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FID\_E  
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#22 n-Tetracontane (C40)

R.T.: 22.367 min  
Delta R.T.: -0.013 min  
Response: 2081553  
Conc: 19.90 ug/ml