

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE060623AL\  
 Data File : FE042416.D  
 Signal(s) : FID1B.ch  
 Acq On : 06 Jun 2023 09:48  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 FID\_E  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Jun 07 05:08:05 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 051823.M  
 Quant Title : GC Extractables  
 QLast Update : Thu May 18 06:27:12 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)    | 11.953 | 3195010    | 18.094 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.19%       |
| 12) S 1-chlorooctadecane (S... | 13.389 | 2346933    | 17.662 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 35.32%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.331  | 2648483    | 18.367 ug/ml |
| 2) T n-Decane (C10)            | 4.584  | 2759042    | 18.638 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.292  | 2964085    | 18.167 ug/ml |
| 4) T n-Dodecane (C12)          | 6.752  | 2783153    | 18.560 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.390  | 2849978    | 17.958 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.581  | 2748367    | 18.346 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.188 | 2842280    | 18.247 ug/ml |
| 8) T n-Octadecane (C18)        | 11.634 | 2865374    | 18.120 ug/ml |
| 10) T n-Eicosane (C20)         | 12.944 | 2726605    | 17.988 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.557 | 2658780    | 17.946 ug/ml |
| 13) T n-Docosane (C22)         | 14.142 | 2619650    | 17.870 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.246 | 2572521    | 17.821 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.267 | 2514202    | 18.153 ug/ml |
| 16) T n-Octacosane (C28)       | 17.217 | 2521673    | 18.835 ug/ml |
| 17) T n-Tricontane (C30)       | 18.106 | 2696759    | 19.977 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.938 | 2719355    | 20.356 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.722 | 2615468    | 19.888 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.463 | 2517279    | 19.368 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.212 | 2552052    | 18.810 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.147 | 2566278    | 18.447 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

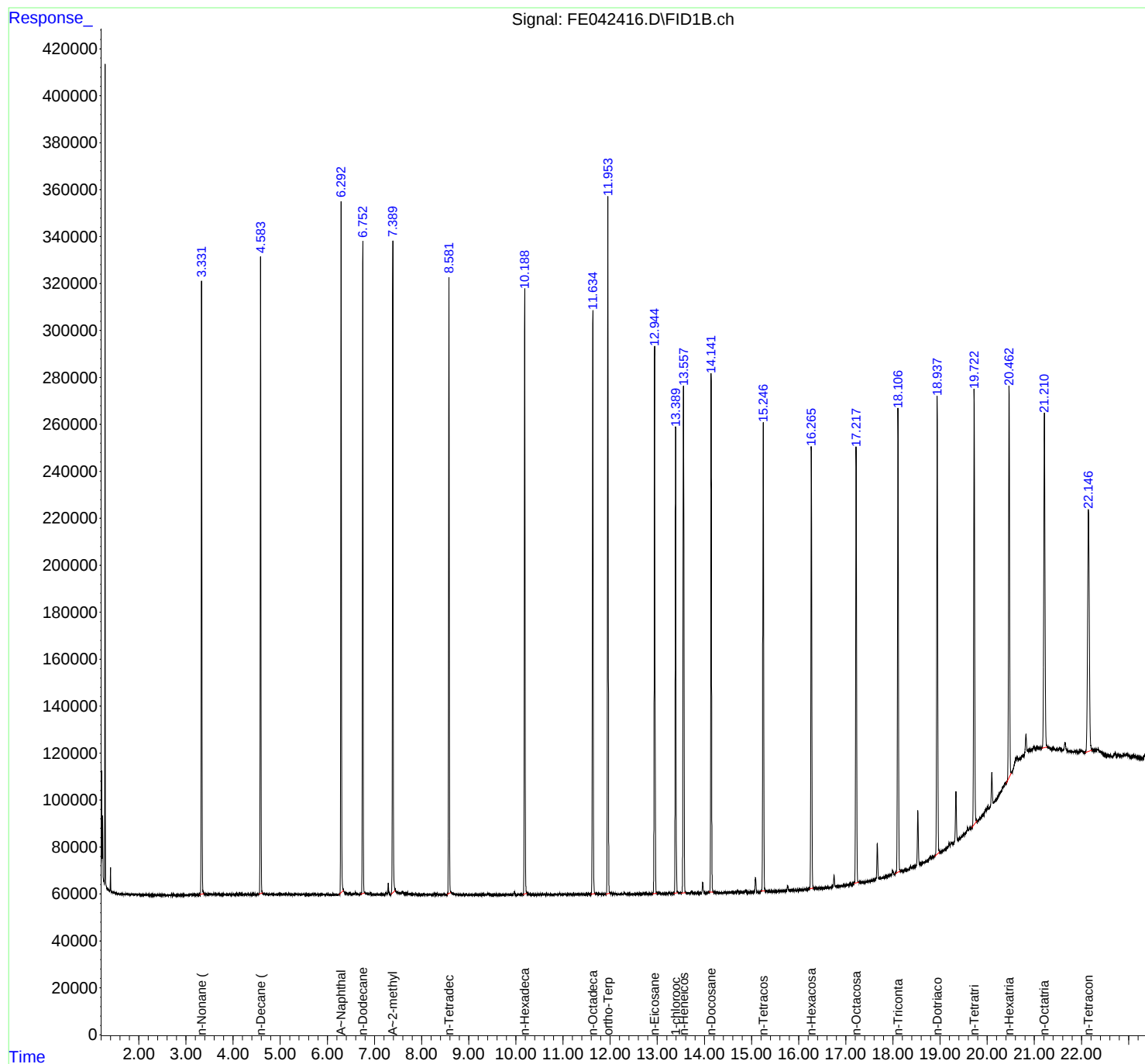
(m)=manual int.

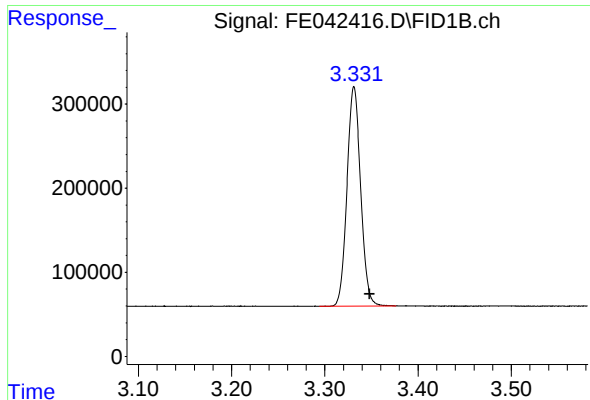
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE060623AL\  
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Signal(s) : FID1B.ch  
Acq On : 06 Jun 2023 09:48  
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ALS Vial : 3 Sample Multiplier: 1

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Integration File: autoint1.e  
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 051823.M  
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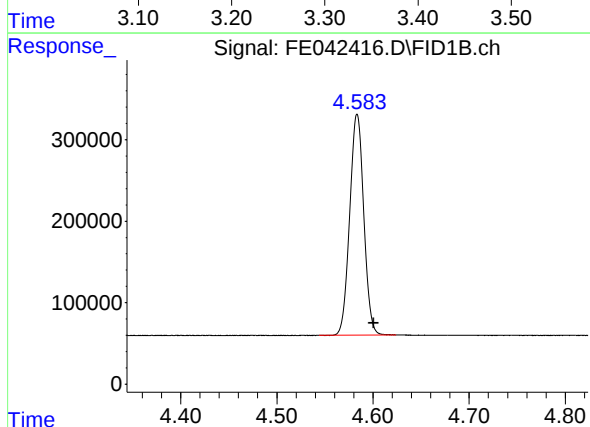




#1 n-Nonane (C9)

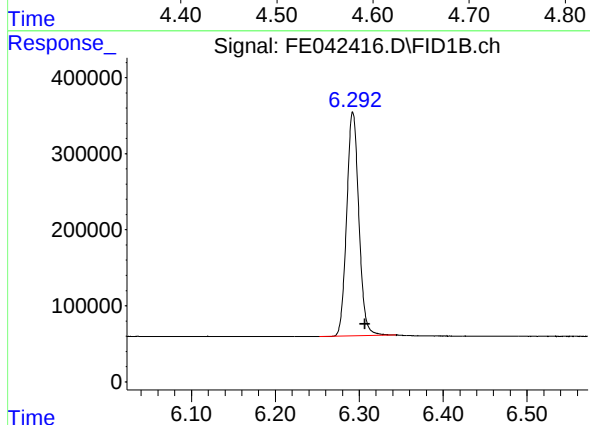
R.T.: 3.331 min  
Delta R.T.: -0.017 min  
Response: 2648483  
Conc: 18.37 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



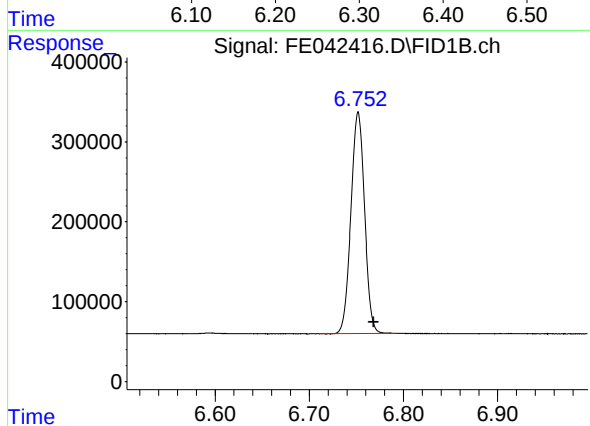
#2 n-Decane (C10)

R.T.: 4.584 min  
Delta R.T.: -0.017 min  
Response: 2759042  
Conc: 18.64 ug/ml



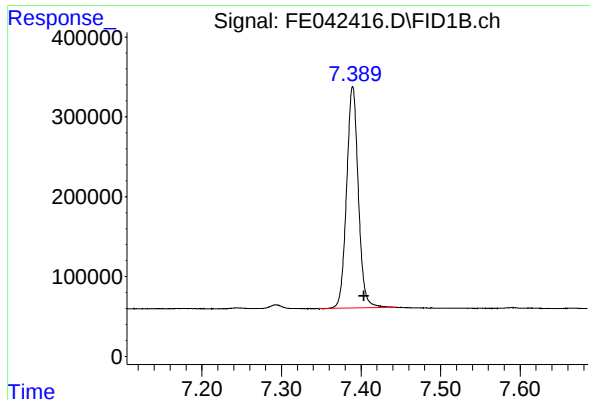
#3 A~Naphthalene (C11.7)

R.T.: 6.292 min  
Delta R.T.: -0.014 min  
Response: 2964085  
Conc: 18.17 ug/ml



#4 n-Dodecane (C12)

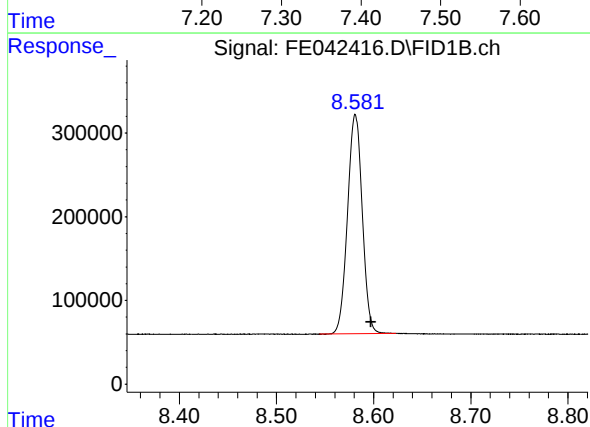
R.T.: 6.752 min  
Delta R.T.: -0.016 min  
Response: 2783153  
Conc: 18.56 ug/ml



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

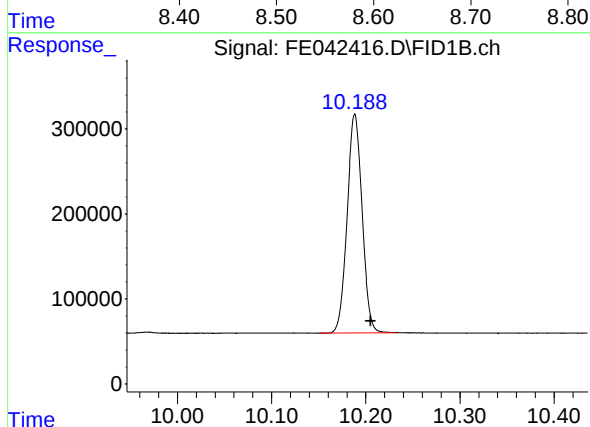
R.T.: 7.390 min  
Delta R.T.: -0.014 min  
Response: 2849978  
Conc: 17.96 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



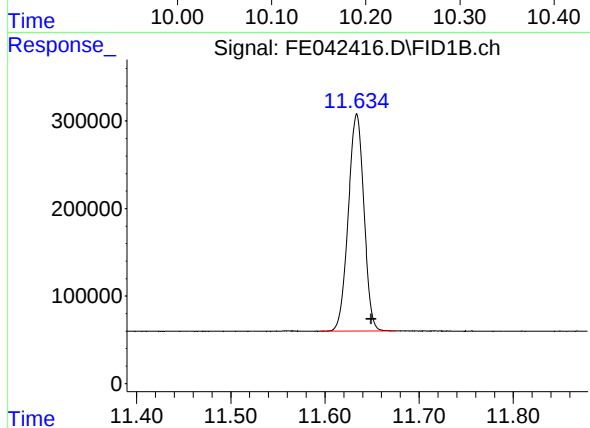
#6 n-Tetradecane (C14)

R.T.: 8.581 min  
Delta R.T.: -0.016 min  
Response: 2748367  
Conc: 18.35 ug/ml



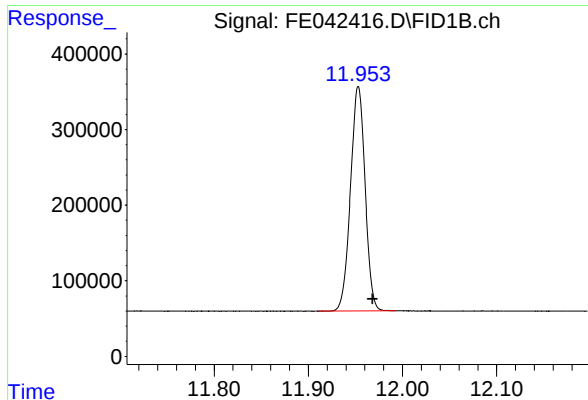
#7 n-Hexadecane (C16)

R.T.: 10.188 min  
Delta R.T.: -0.017 min  
Response: 2842280  
Conc: 18.25 ug/ml



#8 n-Octadecane (C18)

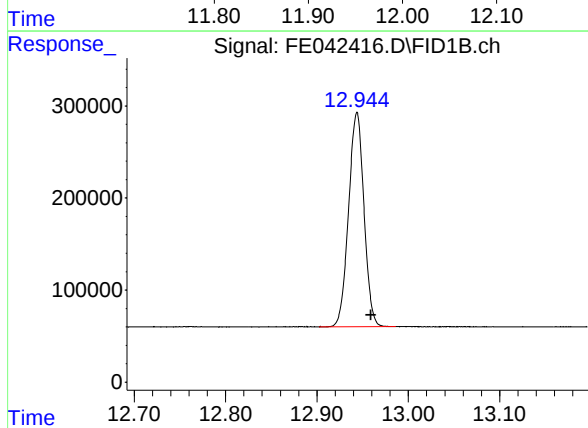
R.T.: 11.634 min  
Delta R.T.: -0.015 min  
Response: 2865374  
Conc: 18.12 ug/ml



#9 ortho-Terphenyl (SURR)

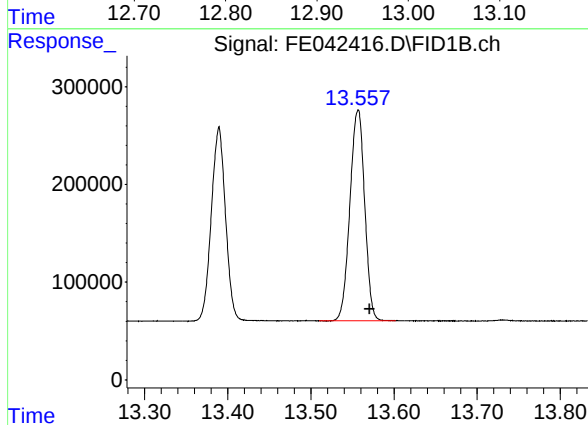
R.T.: 11.953 min  
Delta R.T.: -0.015 min  
Response: 3195010  
Conc: 18.09 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



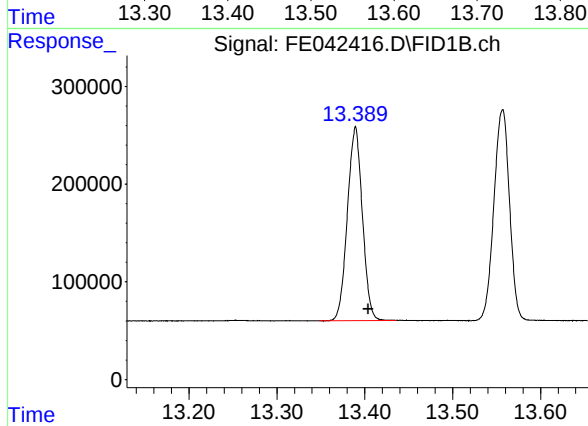
#10 n-Eicosane (C20)

R.T.: 12.944 min  
Delta R.T.: -0.015 min  
Response: 2726605  
Conc: 17.99 ug/ml



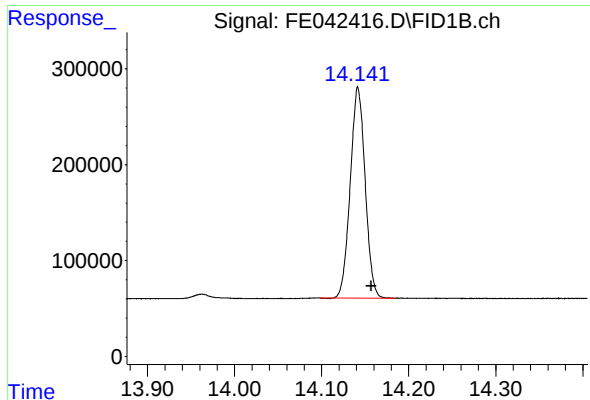
#11 n-Heneicosane (C21)

R.T.: 13.557 min  
Delta R.T.: -0.014 min  
Response: 2658780  
Conc: 17.95 ug/ml



#12 1-chlorooctadecane (SURR)

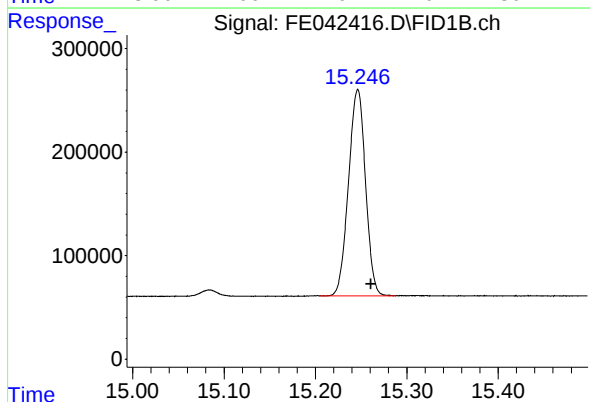
R.T.: 13.389 min  
Delta R.T.: -0.015 min  
Response: 2346933  
Conc: 17.66 ug/ml



#13 n-Docosane (C22)

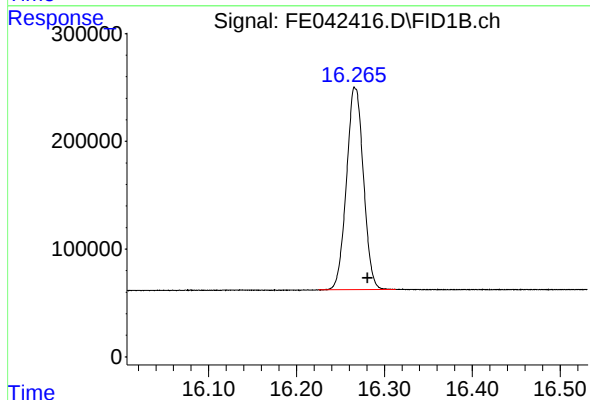
R.T.: 14.142 min  
Delta R.T.: -0.015 min  
Response: 2619650  
Conc: 17.87 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



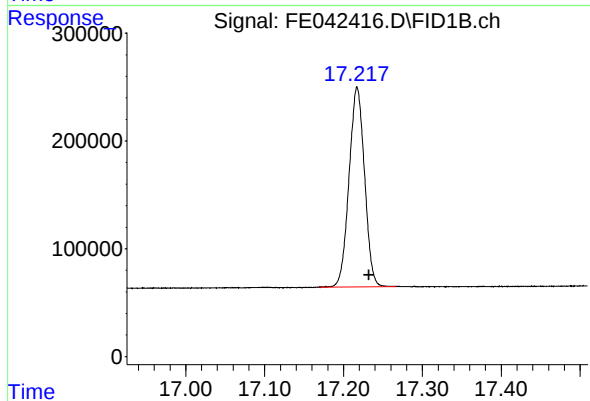
#14 n-Tetracosane (C24)

R.T.: 15.246 min  
Delta R.T.: -0.014 min  
Response: 2572521  
Conc: 17.82 ug/ml



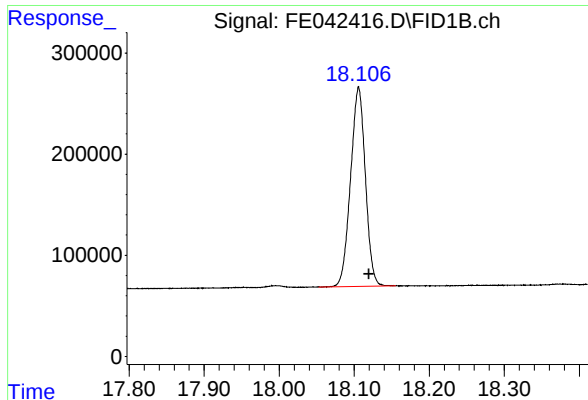
#15 n-Hexacosane (C26)

R.T.: 16.267 min  
Delta R.T.: -0.014 min  
Response: 2514202  
Conc: 18.15 ug/ml



#16 n-Octacosane (C28)

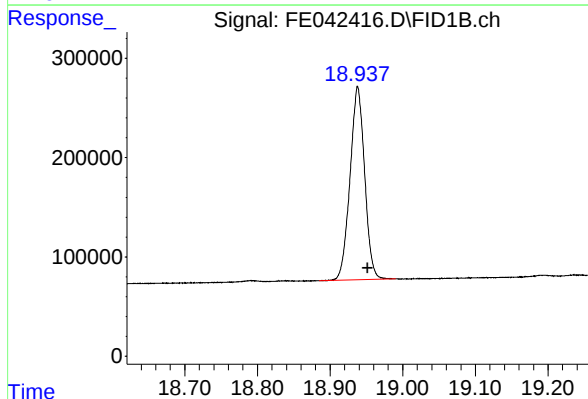
R.T.: 17.217 min  
Delta R.T.: -0.015 min  
Response: 2521673  
Conc: 18.83 ug/ml



#17 n-Tricontane (C30)

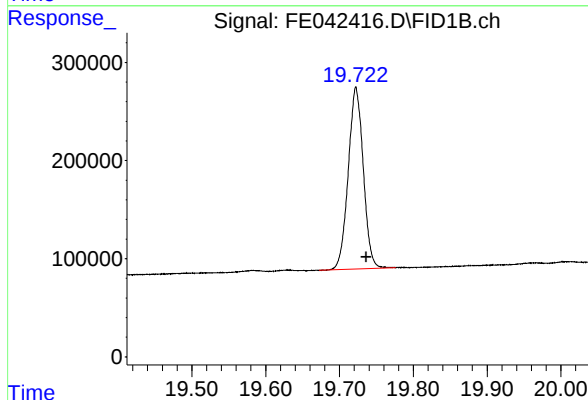
R.T.: 18.106 min  
Delta R.T.: -0.014 min  
Response: 2696759  
Conc: 19.98 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



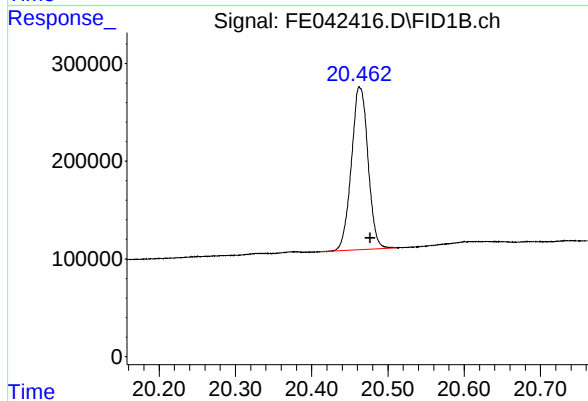
#18 n-Dotriacontane (C32)

R.T.: 18.938 min  
Delta R.T.: -0.014 min  
Response: 2719355  
Conc: 20.36 ug/ml



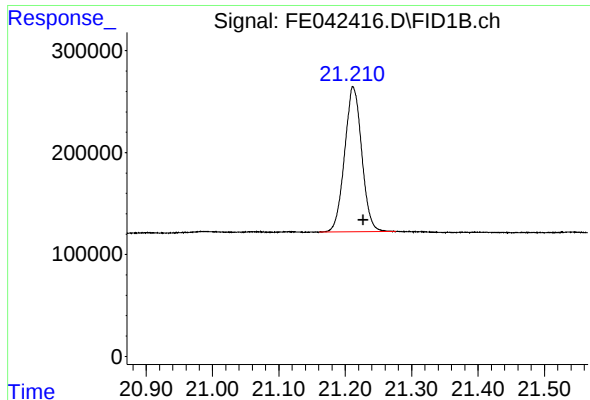
#19 n-Tetratriacontane (C34)

R.T.: 19.722 min  
Delta R.T.: -0.014 min  
Response: 2615468  
Conc: 19.89 ug/ml



#20 n-Hexatriacontane (C36)

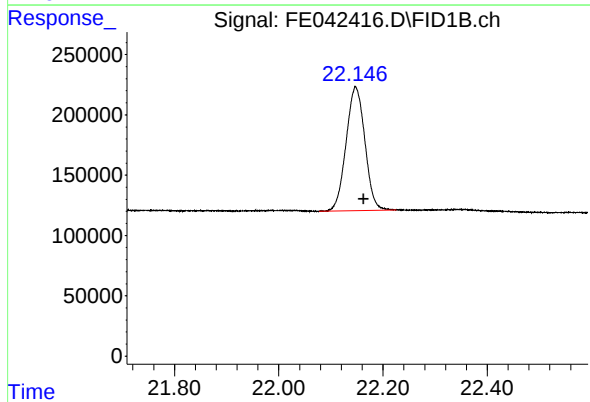
R.T.: 20.463 min  
Delta R.T.: -0.014 min  
Response: 2517279  
Conc: 19.37 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.212 min  
Delta R.T.: -0.015 min  
Response: 2552052  
Conc: 18.81 ug/ml

Instrument :  
FID\_E  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.147 min  
Delta R.T.: -0.016 min  
Response: 2566278  
Conc: 18.45 ug/ml