

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG123024AL\  
 Data File : FG015032.D  
 Signal(s) : FID1A.ch  
 Acq On : 30 Dec 2024 13:07  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Dec 31 01:18:54 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aliphatic EPH 122024.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Dec 20 13:49:57 2024  
 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)    | 11.948 | 3331495    | 21.118 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 42.24%       |
| 12) S 1-chlorooctadecane (S... | 13.393 | 2628907    | 20.804 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 41.61%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.288  | 2739190    | 21.426 ug/ml |
| 2) T n-Decane (C10)            | 4.548  | 2799564    | 21.481 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.259  | 3080385    | 21.459 ug/ml |
| 4) T n-Dodecane (C12)          | 6.728  | 2856346    | 21.618 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.361  | 3013875    | 21.502 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.565  | 2887037    | 21.642 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.181 | 3045902    | 21.578 ug/ml |
| 8) T n-Octadecane (C18)        | 11.632 | 3131945    | 21.378 ug/ml |
| 10) T n-Eicosane (C20)         | 12.947 | 3053344    | 21.042 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.561 | 3020589    | 20.844 ug/ml |
| 13) T n-Docosane (C22)         | 14.150 | 3012796    | 20.614 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.257 | 2998924    | 20.083 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.284 | 2930982    | 19.531 ug/ml |
| 16) T n-Octacosane (C28)       | 17.237 | 2830079    | 18.905 ug/ml |
| 17) T n-Tricontane (C30)       | 18.128 | 2817850    | 18.358 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.963 | 2650426    | 17.964 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.748 | 2287627    | 17.925 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.491 | 1950170    | 18.078 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.240 | 1819864    | 18.156 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.182 | 1751663    | 18.648 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

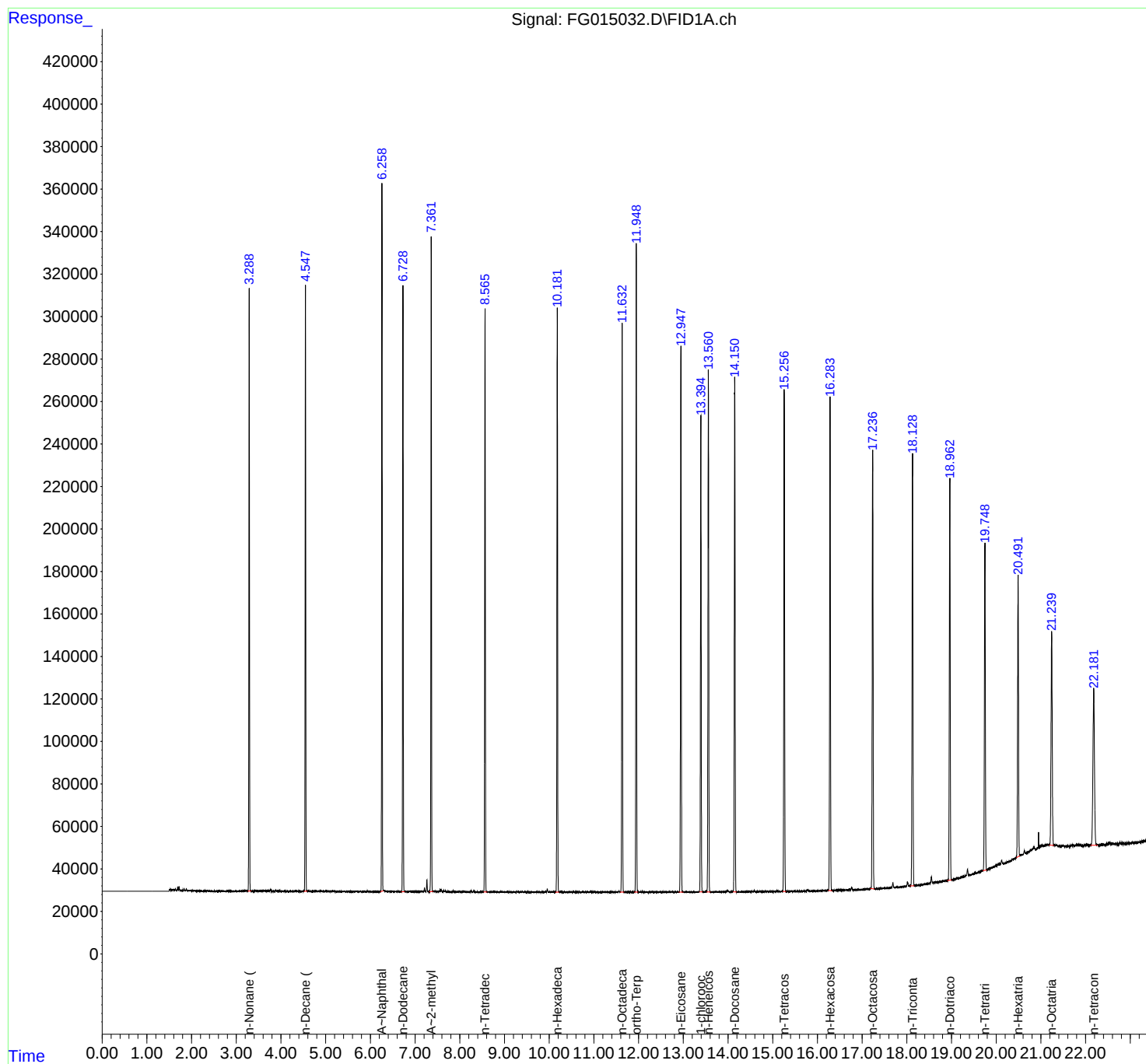
(m)=manual int.

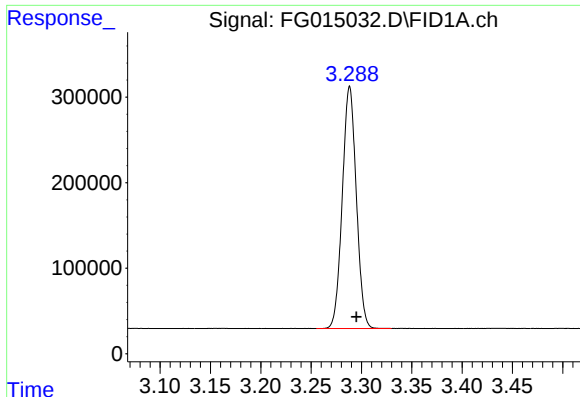
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG123024AL\  
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Signal(s) : FID1A.ch  
Acq On : 30 Dec 2024 13:07  
Operator : YP\AJ  
Sample : 20 PPM ALIPHATIC HC STD  
Misc :  
ALS Vial : 11 Sample Multiplier: 1

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Integration File: autoint1.e  
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Volume Inj. : 1 ul  
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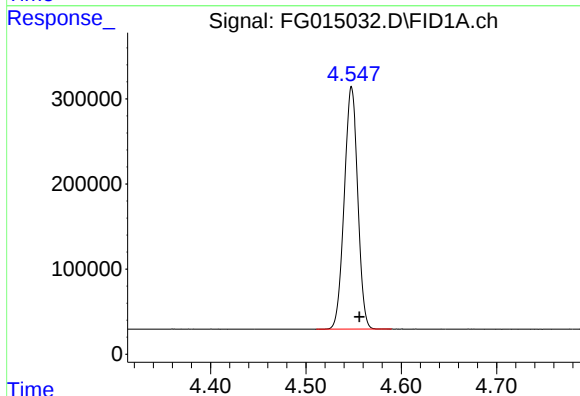




#1 n-Nonane (C9)

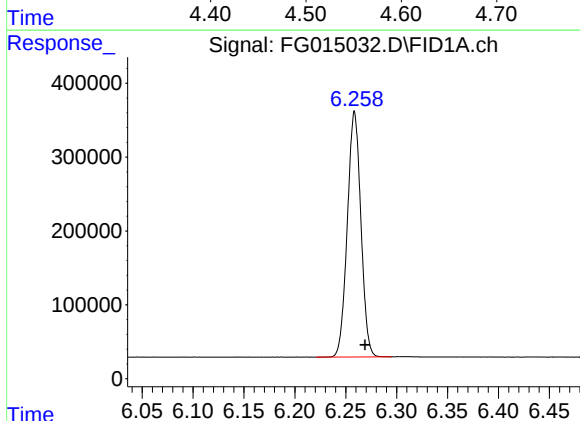
R.T.: 3.288 min  
Delta R.T.: -0.007 min  
Response: 2739190  
Conc: 21.43 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



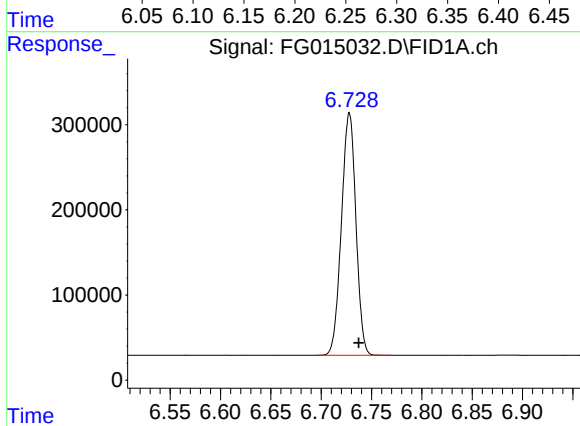
#2 n-Decane (C10)

R.T.: 4.548 min  
Delta R.T.: -0.008 min  
Response: 2799564  
Conc: 21.48 ug/ml



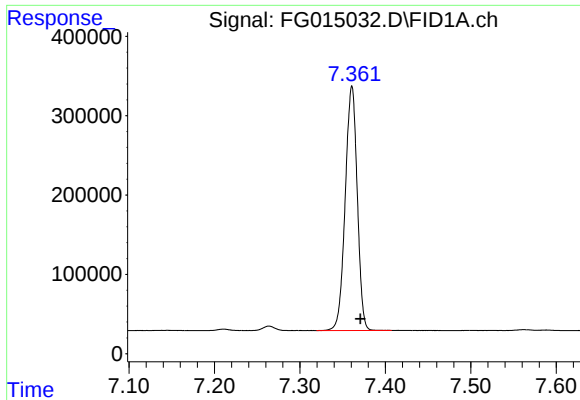
#3 A~Naphthalene (C11.7)

R.T.: 6.259 min  
Delta R.T.: -0.010 min  
Response: 3080385  
Conc: 21.46 ug/ml



#4 n-Dodecane (C12)

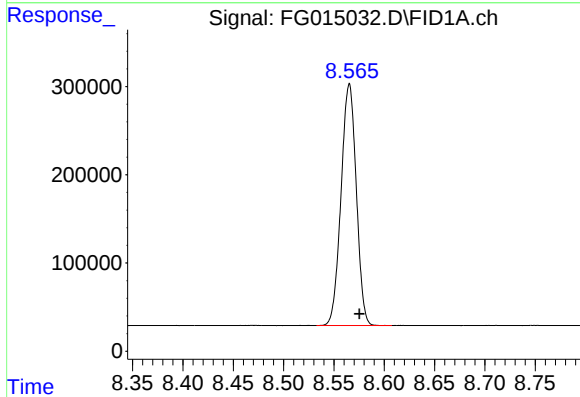
R.T.: 6.728 min  
Delta R.T.: -0.009 min  
Response: 2856346  
Conc: 21.62 ug/ml



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

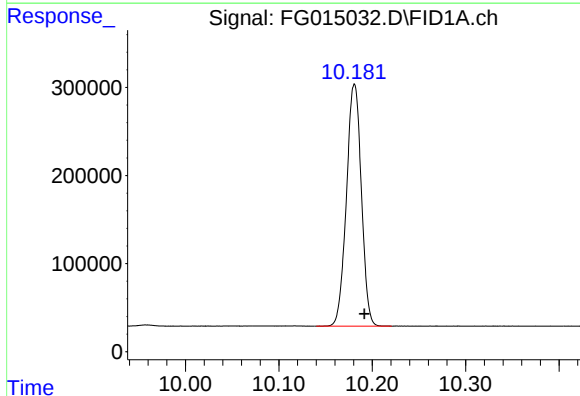
R.T.: 7.361 min  
Delta R.T.: -0.010 min  
Response: 3013875  
Conc: 21.50 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



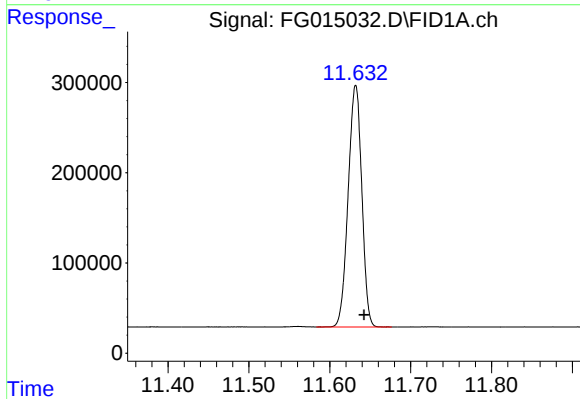
#6 n-Tetradecane (C14)

R.T.: 8.565 min  
Delta R.T.: -0.010 min  
Response: 2887037  
Conc: 21.64 ug/ml



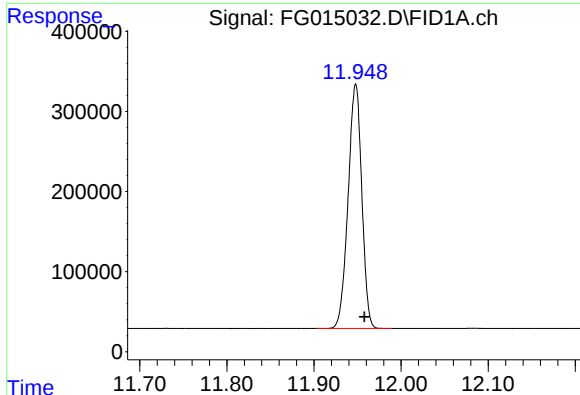
#7 n-Hexadecane (C16)

R.T.: 10.181 min  
Delta R.T.: -0.010 min  
Response: 3045902  
Conc: 21.58 ug/ml



#8 n-Octadecane (C18)

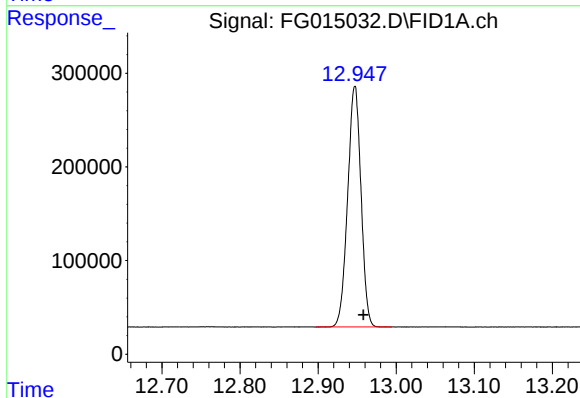
R.T.: 11.632 min  
Delta R.T.: -0.010 min  
Response: 3131945  
Conc: 21.38 ug/ml



#9 ortho-Terphenyl (SURR)

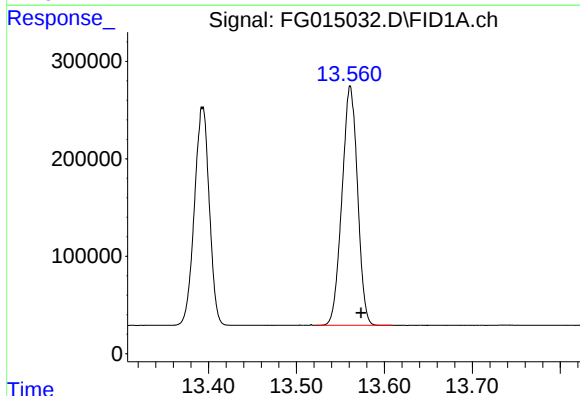
R.T.: 11.948 min  
Delta R.T.: -0.010 min  
Response: 3331495  
Conc: 21.12 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



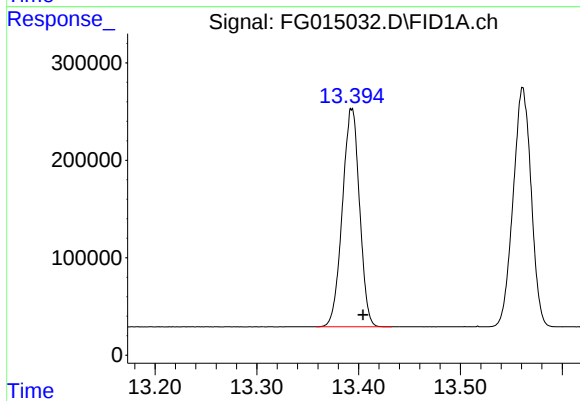
#10 n-Eicosane (C20)

R.T.: 12.947 min  
Delta R.T.: -0.011 min  
Response: 3053344  
Conc: 21.04 ug/ml



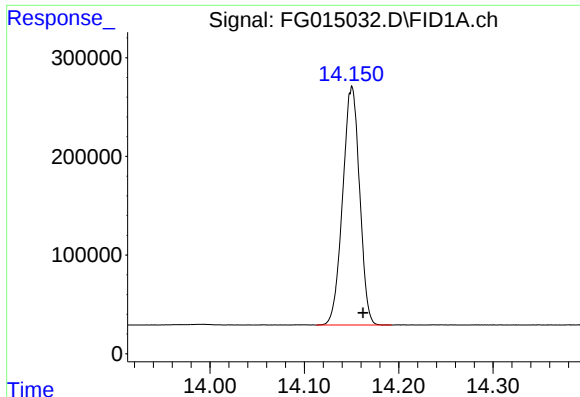
#11 n-Heneicosane (C21)

R.T.: 13.561 min  
Delta R.T.: -0.012 min  
Response: 3020589  
Conc: 20.84 ug/ml



#12 1-chlorooctadecane (SURR)

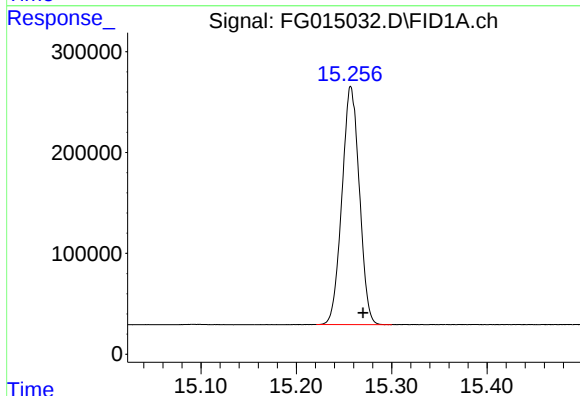
R.T.: 13.393 min  
Delta R.T.: -0.011 min  
Response: 2628907  
Conc: 20.80 ug/ml



#13 n-Docosane (C22)

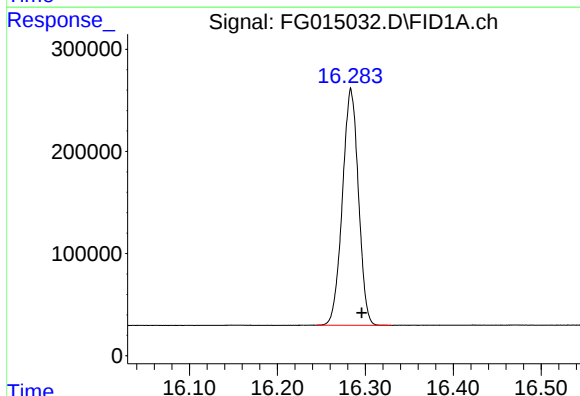
R.T.: 14.150 min  
Delta R.T.: -0.012 min  
Response: 3012796  
Conc: 20.61 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



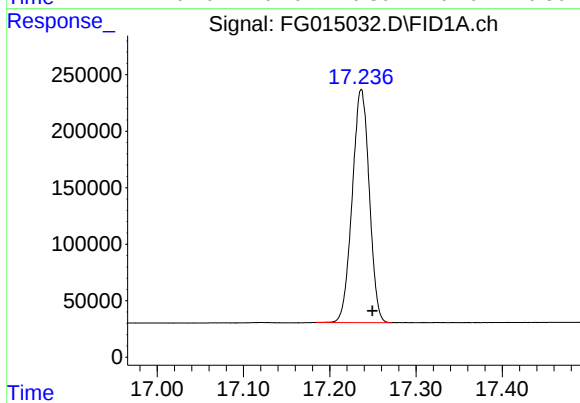
#14 n-Tetracosane (C24)

R.T.: 15.257 min  
Delta R.T.: -0.013 min  
Response: 2998924  
Conc: 20.08 ug/ml



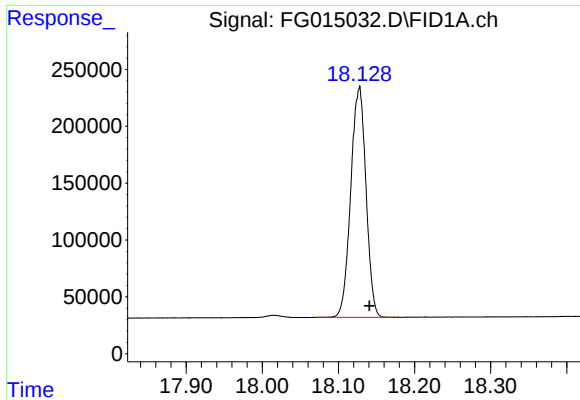
#15 n-Hexacosane (C26)

R.T.: 16.284 min  
Delta R.T.: -0.013 min  
Response: 2930982  
Conc: 19.53 ug/ml



#16 n-Octacosane (C28)

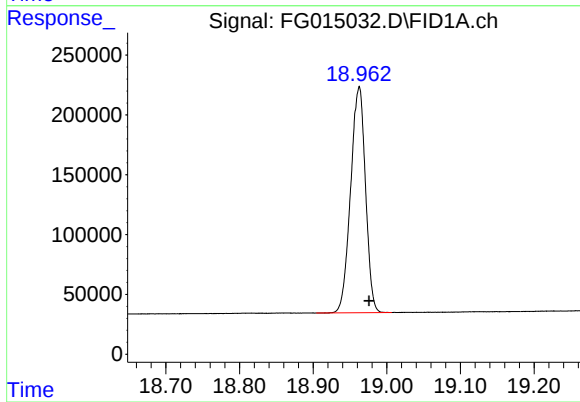
R.T.: 17.237 min  
Delta R.T.: -0.013 min  
Response: 2830079  
Conc: 18.90 ug/ml



#17 n-Tricontane (C30)

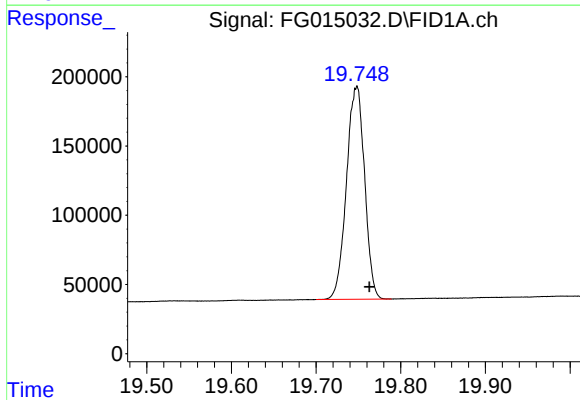
R.T.: 18.128 min  
Delta R.T.: -0.013 min  
Response: 2817850  
Conc: 18.36 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



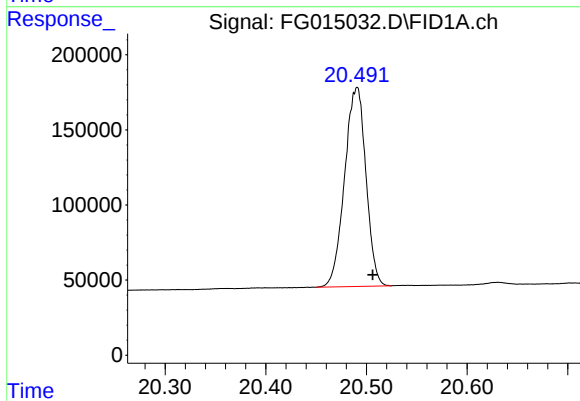
#18 n-Dotriacontane (C32)

R.T.: 18.963 min  
Delta R.T.: -0.013 min  
Response: 2650426  
Conc: 17.96 ug/ml



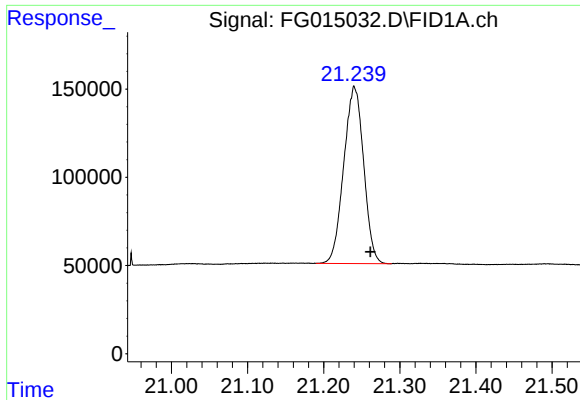
#19 n-Tetratriacontane (C34)

R.T.: 19.748 min  
Delta R.T.: -0.015 min  
Response: 2287627  
Conc: 17.93 ug/ml



#20 n-Hexatriacontane (C36)

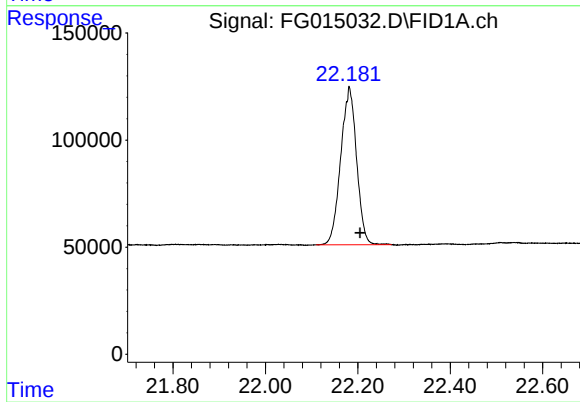
R.T.: 20.491 min  
Delta R.T.: -0.016 min  
Response: 1950170  
Conc: 18.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.240 min  
Delta R.T.: -0.021 min  
Response: 1819864  
Conc: 18.16 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.182 min  
Delta R.T.: -0.023 min  
Response: 1751663  
Conc: 18.65 ug/ml