

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG012325AL\  
 Data File : FG015132.D  
 Signal(s) : FID1A.ch  
 Acq On : 23 Jan 2025 09:12  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 FID\_G  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Jan 24 00:44:52 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_G\Method\Aliphatic EPH 011425.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jan 14 11:45:29 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)    | 11.942 | 2931846    | 18.752 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.50%       |
| 12) S 1-chlorooctadecane (S... | 13.386 | 2283948    | 18.757 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.51%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.284  | 2453307    | 18.896 ug/ml |
| 2) T n-Decane (C10)            | 4.544  | 2522490    | 18.982 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.254  | 2776690    | 19.014 ug/ml |
| 4) T n-Dodecane (C12)          | 6.723  | 2589037    | 19.045 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.356  | 2711876    | 18.997 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.560  | 2620187    | 19.053 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.175 | 2749787    | 18.978 ug/ml |
| 8) T n-Octadecane (C18)        | 11.625 | 2795693    | 18.810 ug/ml |
| 10) T n-Eicosane (C20)         | 12.941 | 2693481    | 18.765 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.555 | 2645760    | 18.712 ug/ml |
| 13) T n-Docosane (C22)         | 14.144 | 2623908    | 18.662 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.251 | 2581175    | 18.545 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.277 | 2500399    | 18.460 ug/ml |
| 16) T n-Octacosane (C28)       | 17.229 | 2420667    | 18.395 ug/ml |
| 17) T n-Tricontane (C30)       | 18.119 | 2446608    | 18.443 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.955 | 2323851    | 18.425 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.740 | 2005337    | 18.417 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.481 | 1719126    | 18.414 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.233 | 1616042    | 18.415 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.168 | 1573993    | 18.569 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

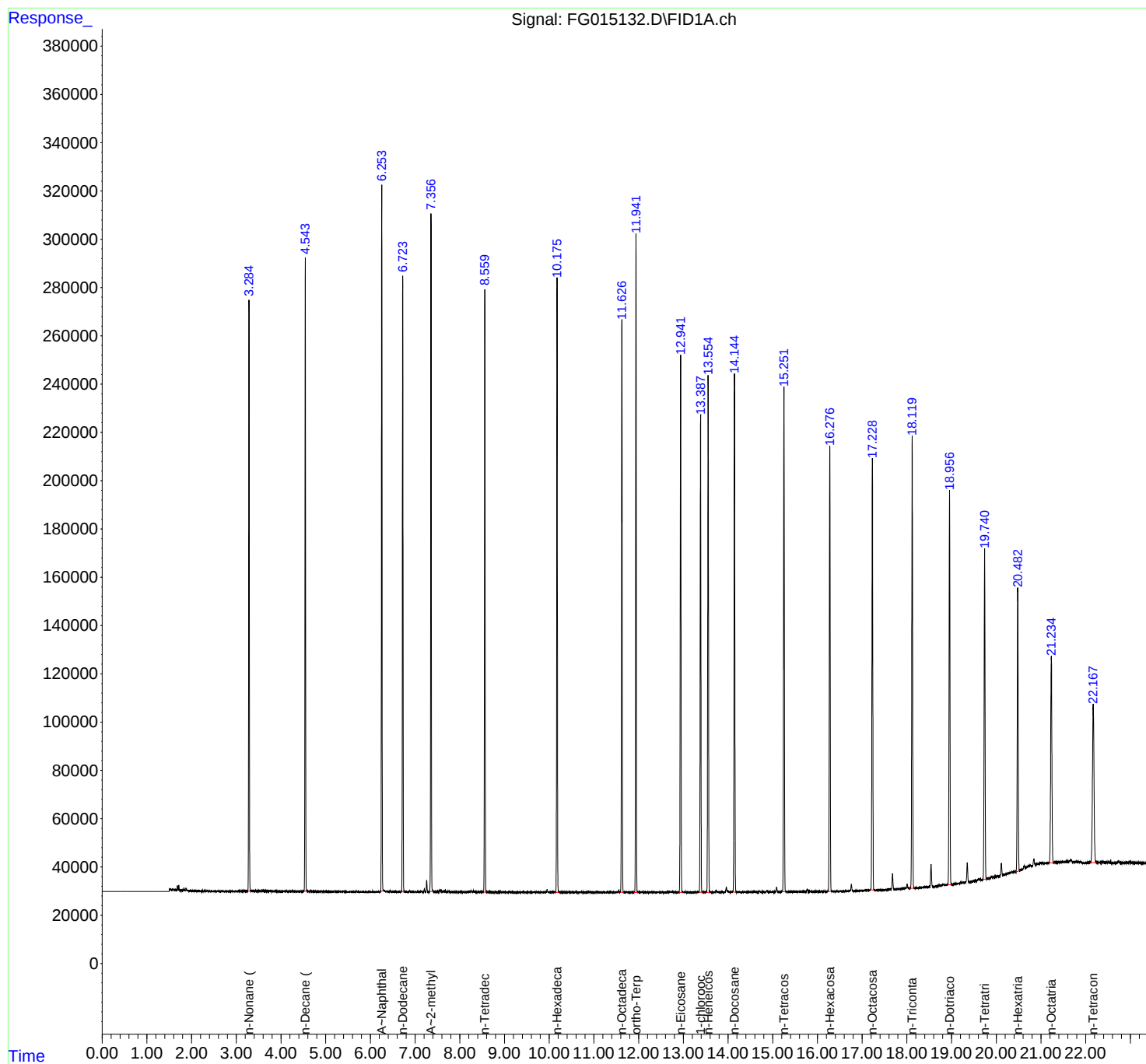
(m)=manual int.

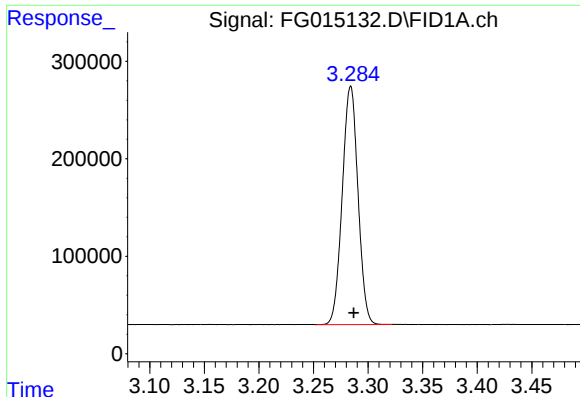
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_G\Data\FG012325AL\  
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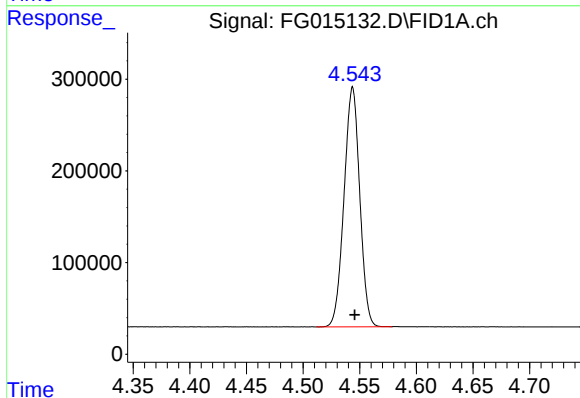




#1 n-Nonane (C9)

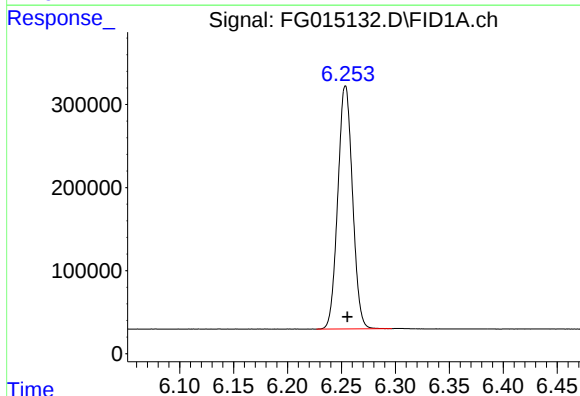
R.T.: 3.284 min  
Delta R.T.: -0.003 min  
Response: 2453307  
Conc: 18.90 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



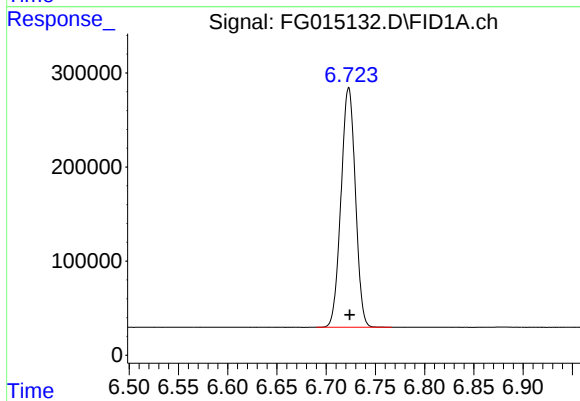
#2 n-Decane (C10)

R.T.: 4.544 min  
Delta R.T.: -0.002 min  
Response: 2522490  
Conc: 18.98 ug/ml



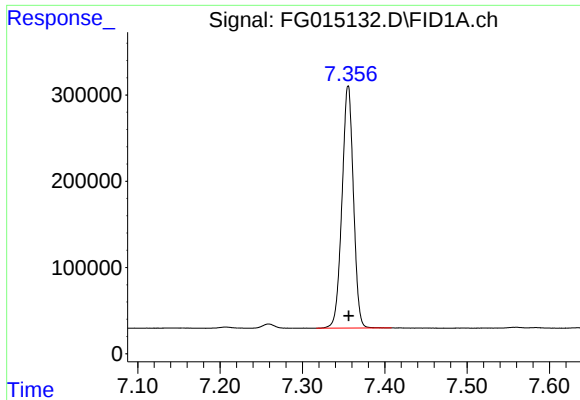
#3 A~Naphthalene (C11.7)

R.T.: 6.254 min  
Delta R.T.: -0.002 min  
Response: 2776690  
Conc: 19.01 ug/ml



#4 n-Dodecane (C12)

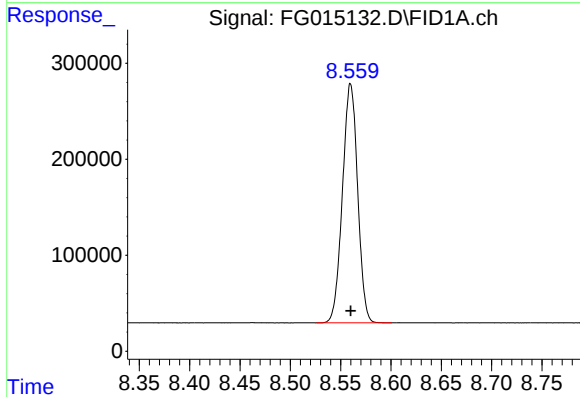
R.T.: 6.723 min  
Delta R.T.: 0.000 min  
Response: 2589037  
Conc: 19.05 ug/ml



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

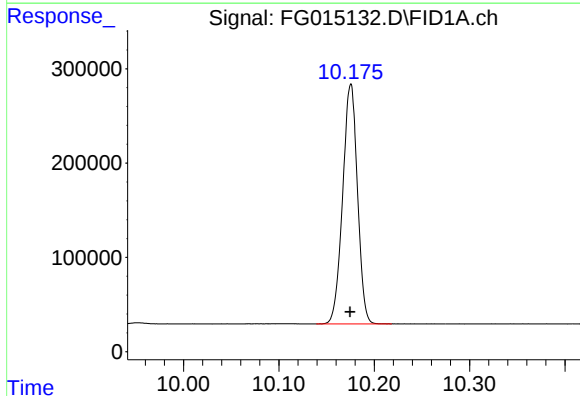
R.T.: 7.356 min  
Delta R.T.: 0.000 min  
Response: 2711876  
Conc: 19.00 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



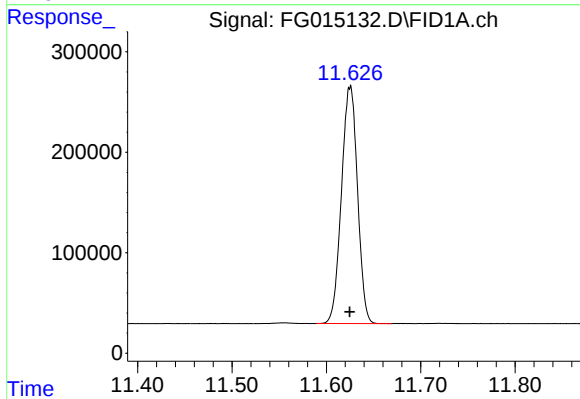
#6 n-Tetradecane (C14)

R.T.: 8.560 min  
Delta R.T.: 0.000 min  
Response: 2620187  
Conc: 19.05 ug/ml



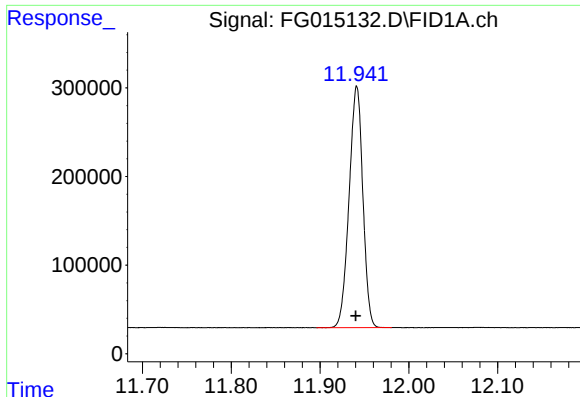
#7 n-Hexadecane (C16)

R.T.: 10.175 min  
Delta R.T.: 0.000 min  
Response: 2749787  
Conc: 18.98 ug/ml



#8 n-Octadecane (C18)

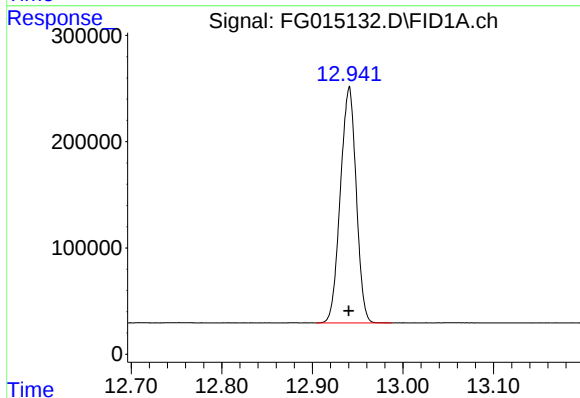
R.T.: 11.625 min  
Delta R.T.: 0.000 min  
Response: 2795693  
Conc: 18.81 ug/ml



#9 ortho-Terphenyl (SURR)

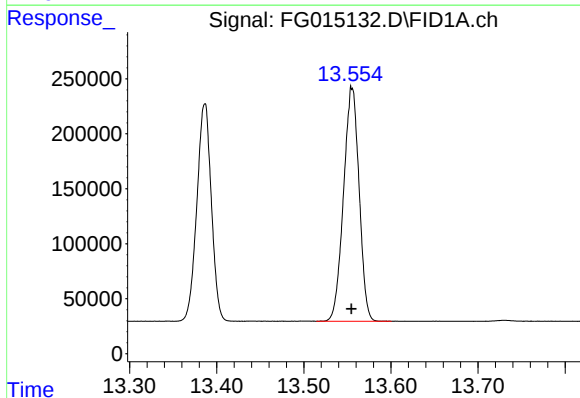
R.T.: 11.942 min  
Delta R.T.: 0.001 min  
Response: 2931846  
Conc: 18.75 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



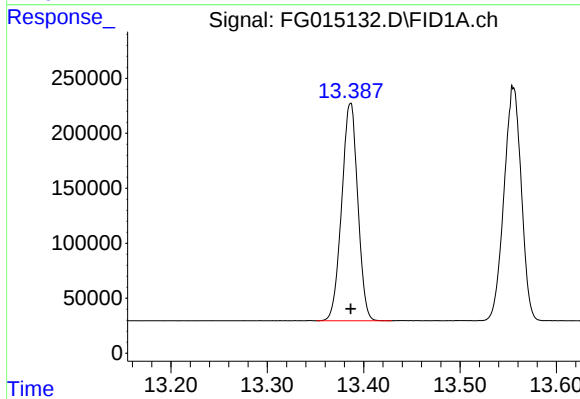
#10 n-Eicosane (C20)

R.T.: 12.941 min  
Delta R.T.: 0.000 min  
Response: 2693481  
Conc: 18.77 ug/ml



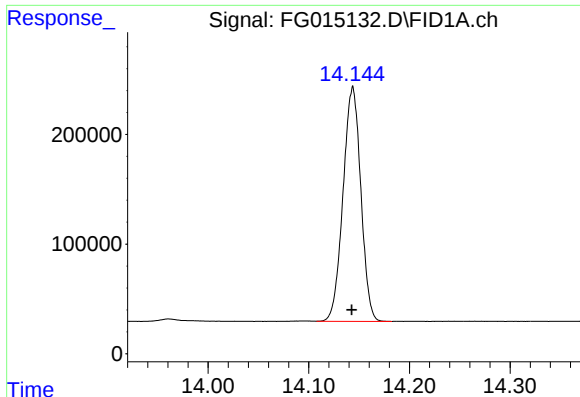
#11 n-Heneicosane (C21)

R.T.: 13.555 min  
Delta R.T.: 0.000 min  
Response: 2645760  
Conc: 18.71 ug/ml



#12 1-chlorooctadecane (SURR)

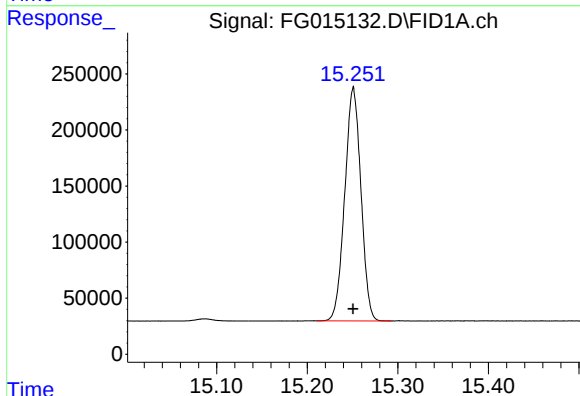
R.T.: 13.386 min  
Delta R.T.: 0.000 min  
Response: 2283948  
Conc: 18.76 ug/ml



#13 n-Docosane (C22)

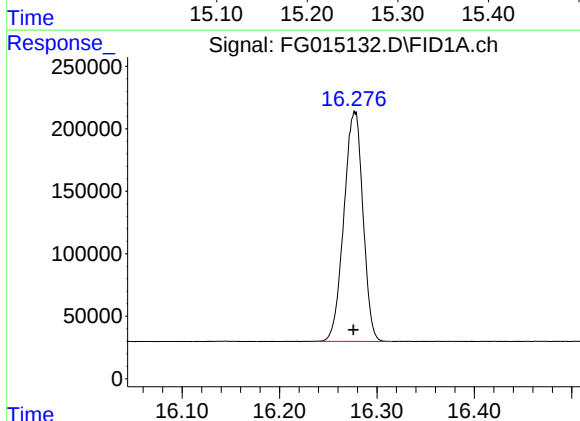
R.T.: 14.144 min  
Delta R.T.: 0.000 min  
Response: 2623908  
Conc: 18.66 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



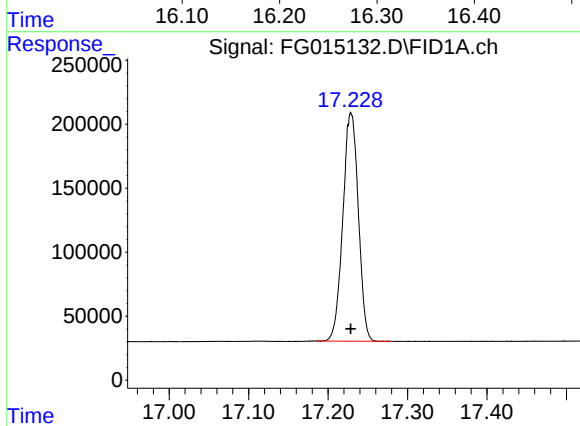
#14 n-Tetracosane (C24)

R.T.: 15.251 min  
Delta R.T.: 0.000 min  
Response: 2581175  
Conc: 18.55 ug/ml



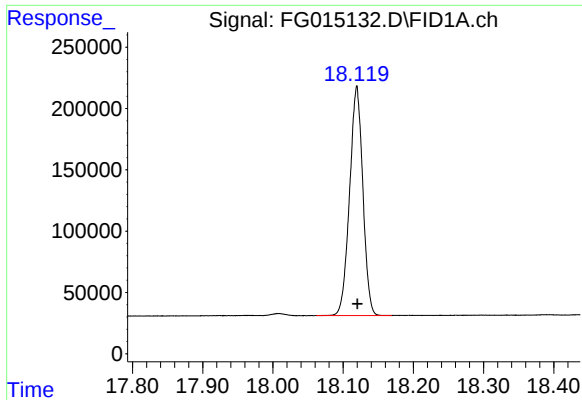
#15 n-Hexacosane (C26)

R.T.: 16.277 min  
Delta R.T.: 0.002 min  
Response: 2500399  
Conc: 18.46 ug/ml



#16 n-Octacosane (C28)

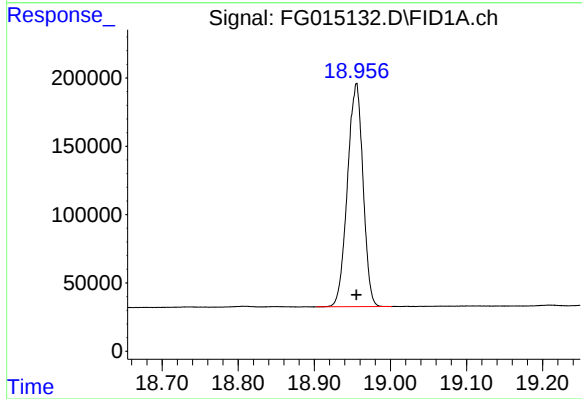
R.T.: 17.229 min  
Delta R.T.: 0.000 min  
Response: 2420667  
Conc: 18.39 ug/ml



#17 n-Tricontane (C30)

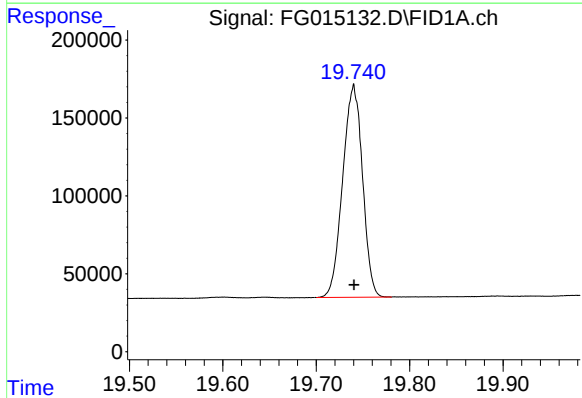
R.T.: 18.119 min  
Delta R.T.: 0.000 min  
Response: 2446608  
Conc: 18.44 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



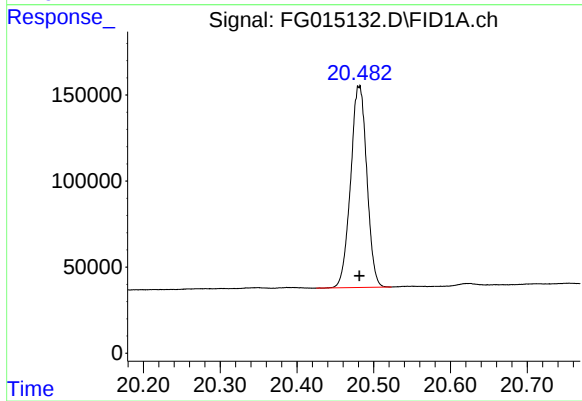
#18 n-Dotriacontane (C32)

R.T.: 18.955 min  
Delta R.T.: 0.000 min  
Response: 2323851  
Conc: 18.43 ug/ml



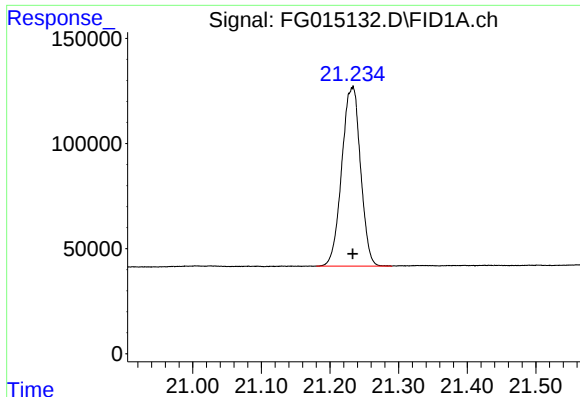
#19 n-Tetratriacontane (C34)

R.T.: 19.740 min  
Delta R.T.: 0.000 min  
Response: 2005337  
Conc: 18.42 ug/ml



#20 n-Hexatriacontane (C36)

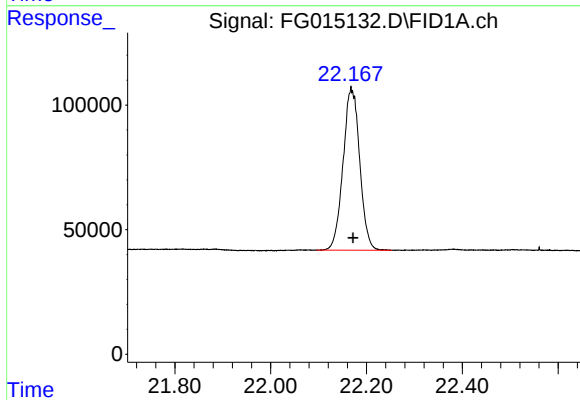
R.T.: 20.481 min  
Delta R.T.: 0.000 min  
Response: 1719126  
Conc: 18.41 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.233 min  
Delta R.T.: 0.000 min  
Response: 1616042  
Conc: 18.42 ug/ml

Instrument :  
FID\_G  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 22.168 min  
Delta R.T.: -0.004 min  
Response: 1573993  
Conc: 18.57 ug/ml