

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC050523AL\  
 Data File : FC063565.D  
 Signal(s) : FID1A.ch  
 Acq On : 05 May 2023 15:10  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD3  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: May 05 18:12:46 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 050523.M  
 Quant Title : GC Extractables  
 QLast Update : Fri May 05 18:11:58 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)    | 11.526 | 3798283    | 20.000 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.00%       |
| 12) S 1-chlorooctadecane (S... | 12.962 | 2653240    | 20.000 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.00%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.301  | 3298113    | 20.000 ug/ml |
| 2) T n-Decane (C10)            | 4.364  | 3343445    | 20.000 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.945  | 3542632    | 20.000 ug/ml |
| 4) T n-Dodecane (C12)          | 6.380  | 3363774    | 20.000 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.002  | 3417793    | 20.000 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.173  | 3273906    | 20.000 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.773  | 3317769    | 20.000 ug/ml |
| 8) T n-Octadecane (C18)        | 11.213 | 3284828    | 20.000 ug/ml |
| 10) T n-Eicosane (C20)         | 12.518 | 3072847    | 20.000 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.129 | 2961712    | 20.000 ug/ml |
| 13) T n-Docosane (C22)         | 13.714 | 2912131    | 20.000 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.814 | 2832325    | 20.000 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.832 | 2749422    | 20.000 ug/ml |
| 16) T n-Octacosane (C28)       | 16.781 | 2650626    | 20.000 ug/ml |
| 17) T n-Tricontane (C30)       | 17.664 | 2674092    | 20.000 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.493 | 2639048    | 20.000 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.275 | 2575529    | 20.000 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.011 | 2452488    | 20.000 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.736 | 2474520    | 20.000 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.627 | 2477545    | 20.000 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

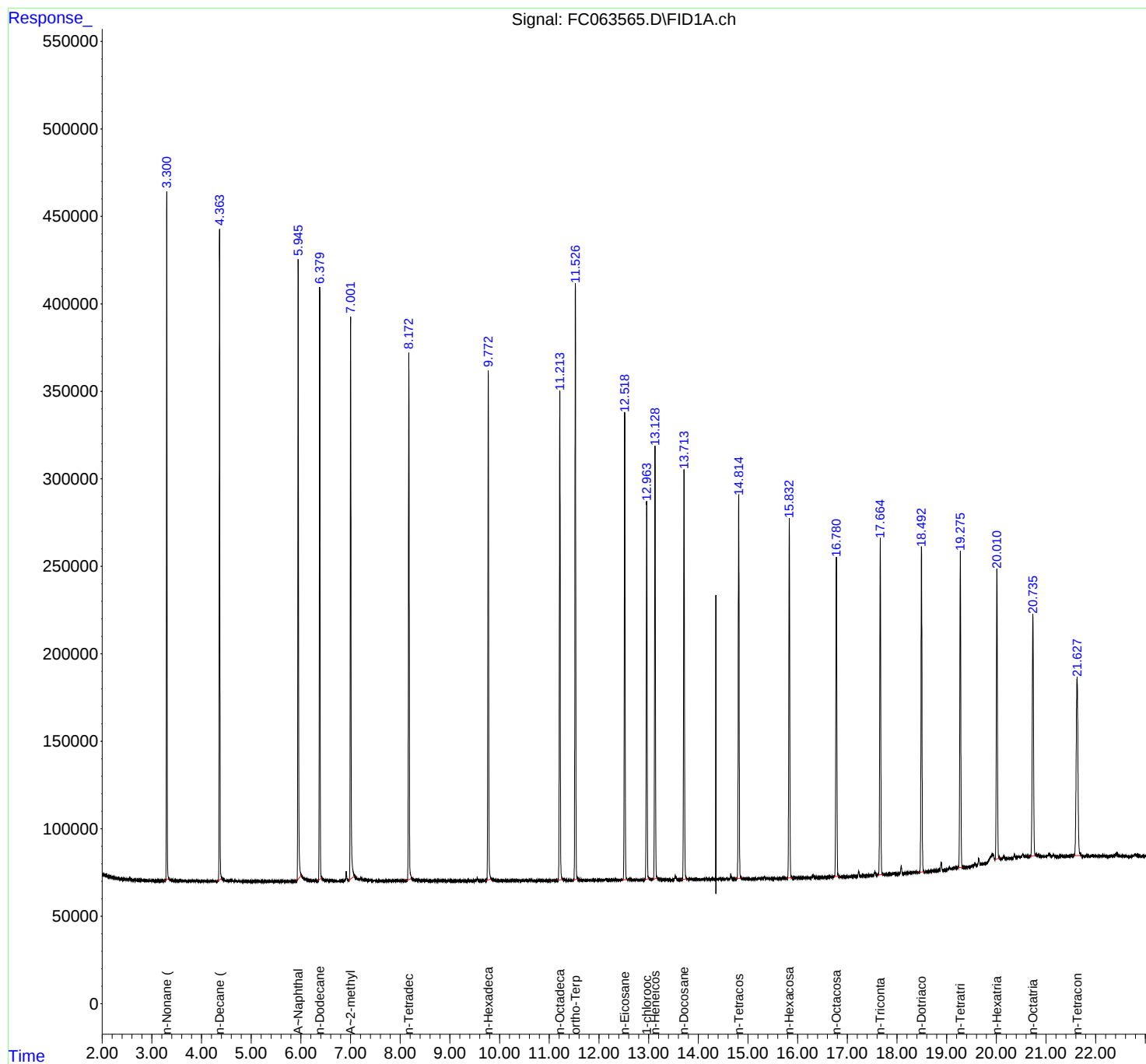
(m)=manual int.

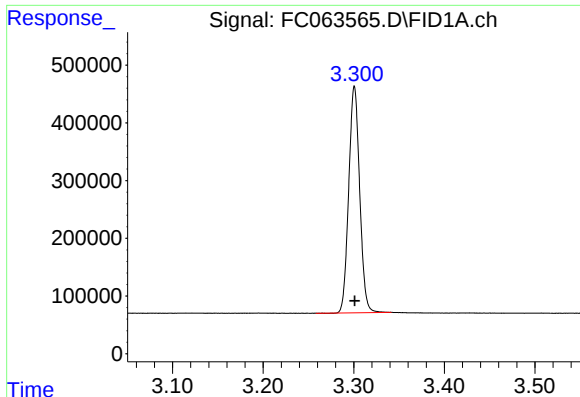
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC050523AL\  
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Volume Inj. : 1 ul  
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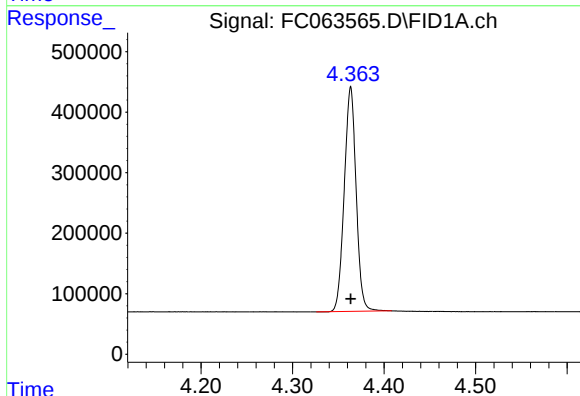




#1 n-Nonane (C9)

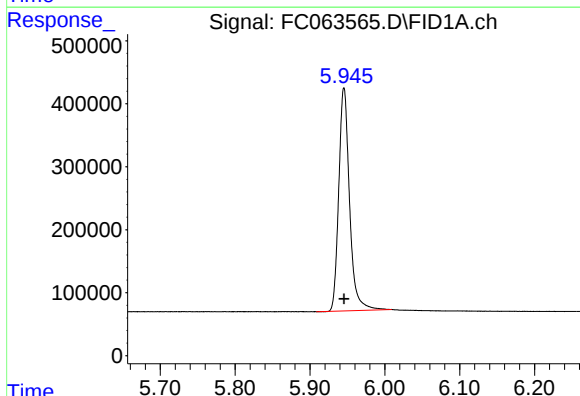
R.T.: 3.301 min  
Delta R.T.: 0.000 min  
Response: 3298113  
Conc: 20.00 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



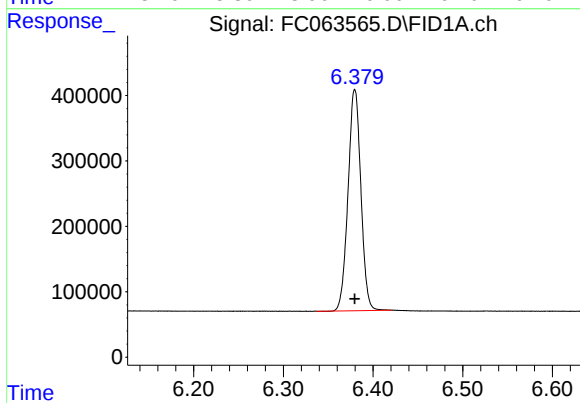
#2 n-Decane (C10)

R.T.: 4.364 min  
Delta R.T.: 0.000 min  
Response: 3343445  
Conc: 20.00 ug/ml



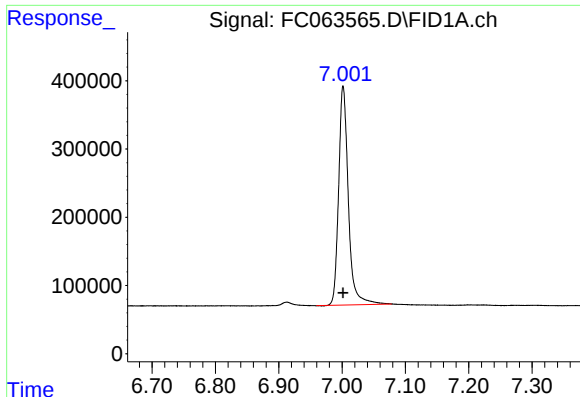
#3 A~Naphthalene (C11.7)

R.T.: 5.945 min  
Delta R.T.: 0.000 min  
Response: 3542632  
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

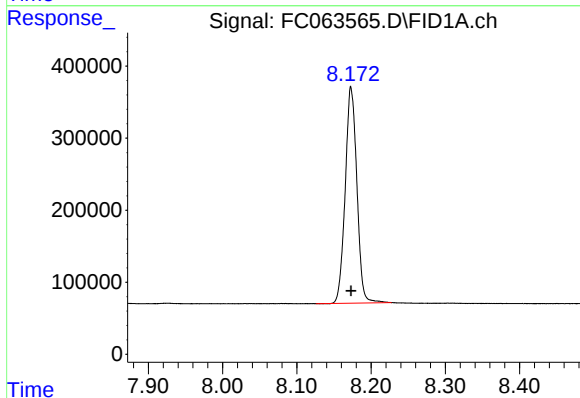
R.T.: 6.380 min  
Delta R.T.: 0.000 min  
Response: 3363774  
Conc: 20.00 ug/ml



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

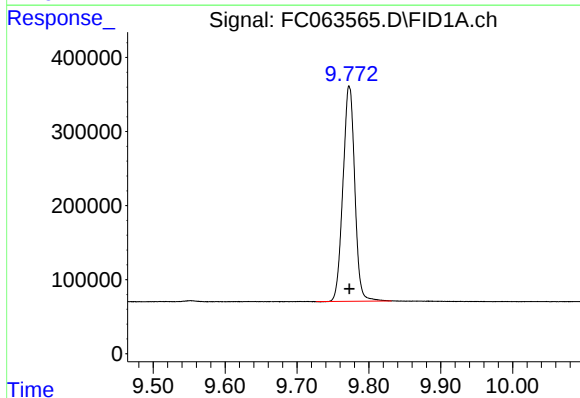
R.T.: 7.002 min  
Delta R.T.: 0.000 min  
Response: 3417793  
Conc: 20.00 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



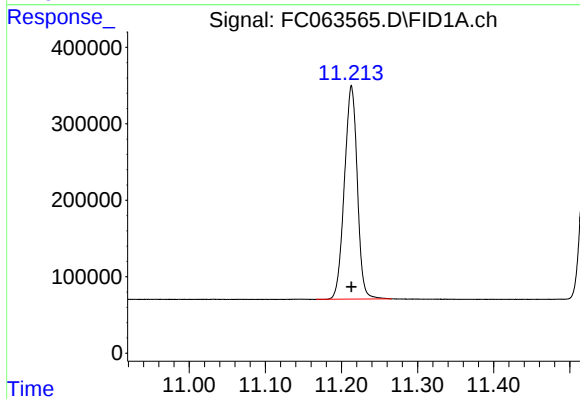
#6 n-Tetradecane (C14)

R.T.: 8.173 min  
Delta R.T.: 0.000 min  
Response: 3273906  
Conc: 20.00 ug/ml



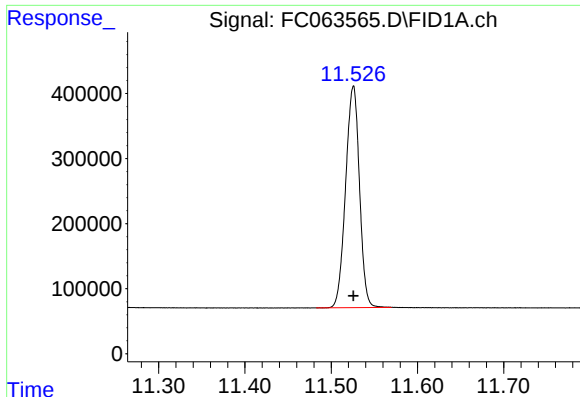
#7 n-Hexadecane (C16)

R.T.: 9.773 min  
Delta R.T.: 0.000 min  
Response: 3317769  
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

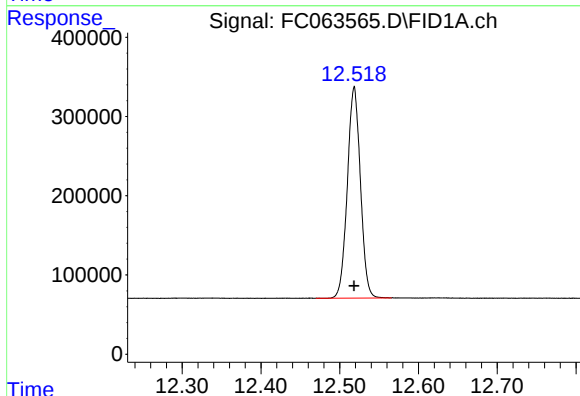
R.T.: 11.213 min  
Delta R.T.: 0.000 min  
Response: 3284828  
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

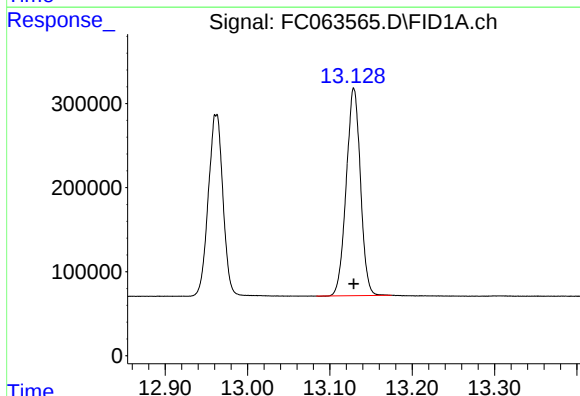
R.T.: 11.526 min  
Delta R.T.: 0.000 min  
Response: 3798283  
Conc: 20.00 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



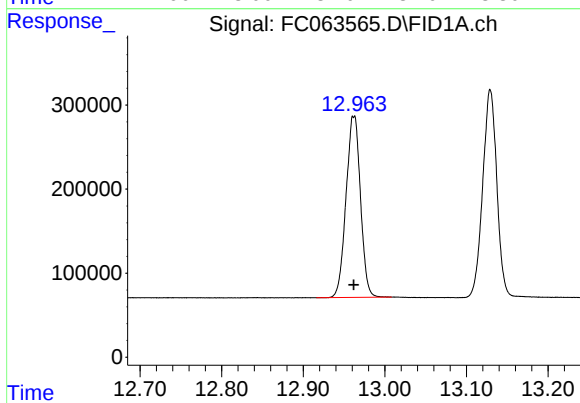
#10 n-Eicosane (C20)

R.T.: 12.518 min  
Delta R.T.: 0.000 min  
Response: 3072847  
Conc: 20.00 ug/ml



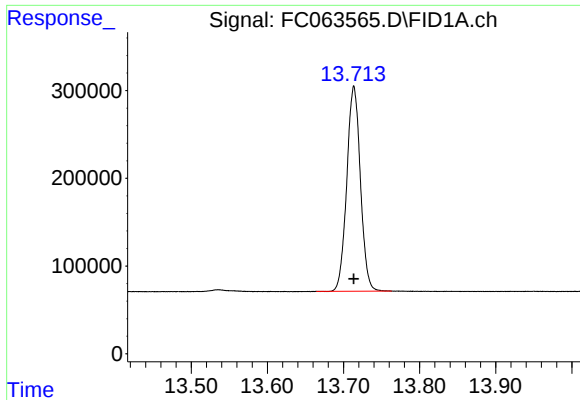
#11 n-Heneicosane (C21)

R.T.: 13.129 min  
Delta R.T.: 0.000 min  
Response: 2961712  
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

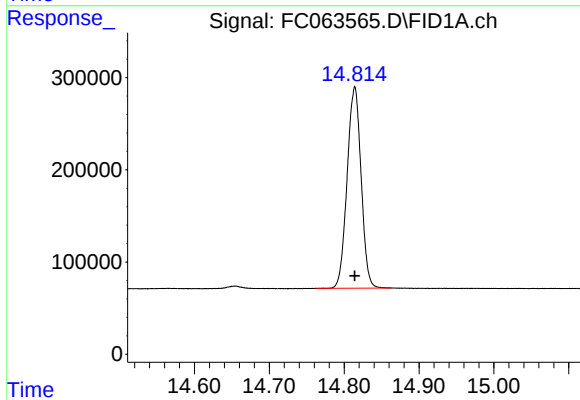
R.T.: 12.962 min  
Delta R.T.: 0.000 min  
Response: 2653240  
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

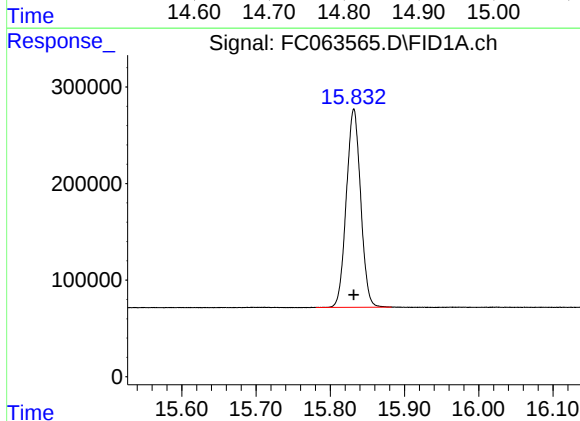
R.T.: 13.714 min  
Delta R.T.: 0.000 min  
Response: 2912131  
Conc: 20.00 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



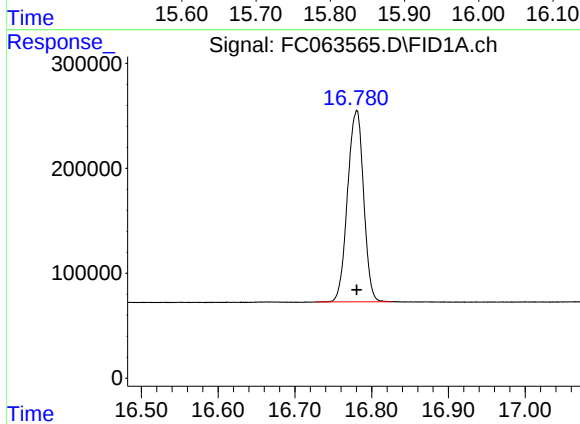
#14 n-Tetracosane (C24)

R.T.: 14.814 min  
Delta R.T.: 0.000 min  
Response: 2832325  
Conc: 20.00 ug/ml



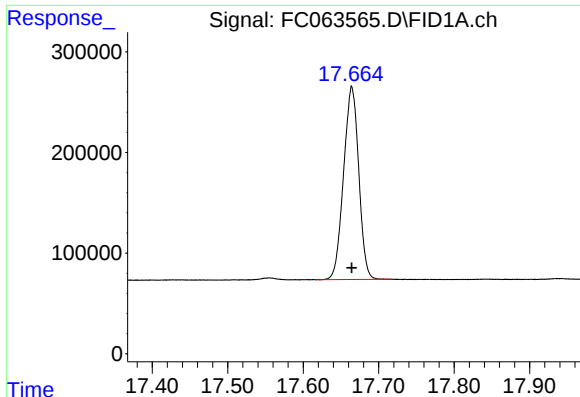
#15 n-Hexacosane (C26)

R.T.: 15.832 min  
Delta R.T.: 0.000 min  
Response: 2749422  
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

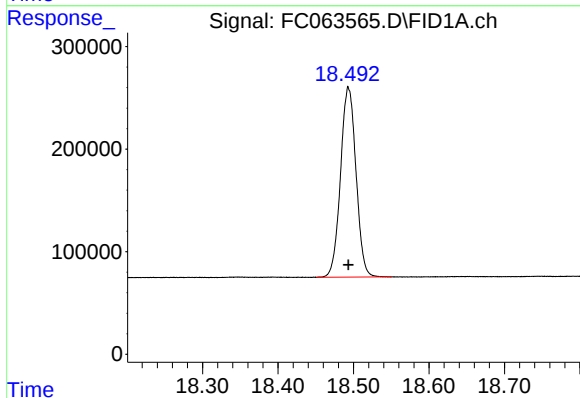
R.T.: 16.781 min  
Delta R.T.: 0.000 min  
Response: 2650626  
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

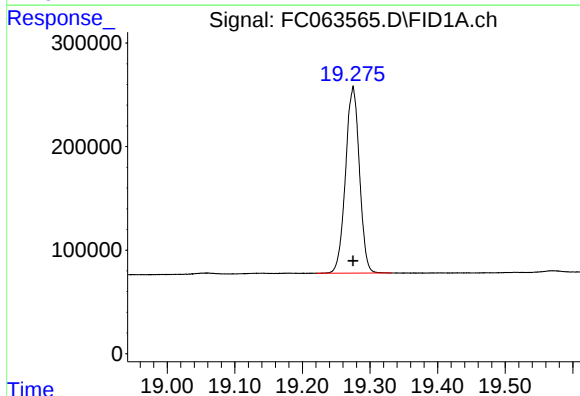
R.T.: 17.664 min  
Delta R.T.: 0.000 min  
Response: 2674092  
Conc: 20.00 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



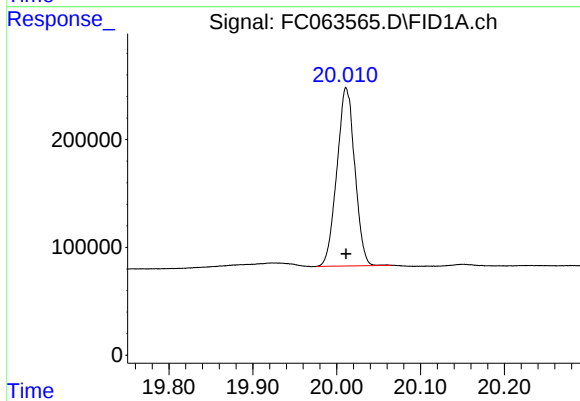
#18 n-Dotriacontane (C32)

R.T.: 18.493 min  
Delta R.T.: 0.000 min  
Response: 2639048  
Conc: 20.00 ug/ml



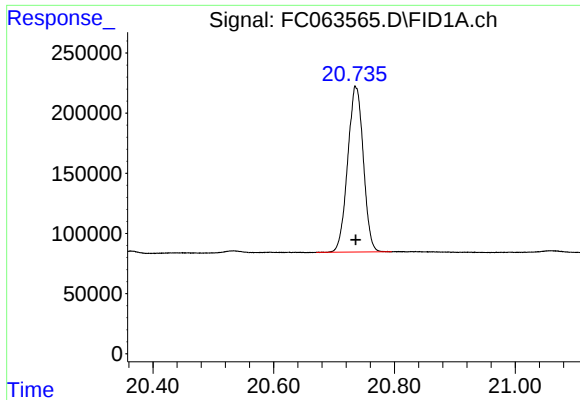
#19 n-Tetratriacontane (C34)

R.T.: 19.275 min  
Delta R.T.: 0.000 min  
Response: 2575529  
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

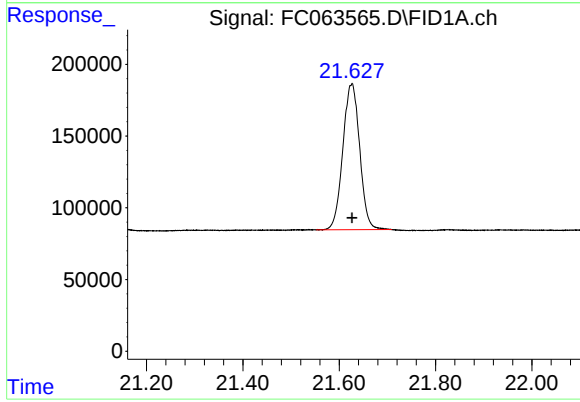
R.T.: 20.011 min  
Delta R.T.: 0.000 min  
Response: 2452488  
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.736 min  
Delta R.T.: 0.000 min  
Response: 2474520  
Conc: 20.00 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.627 min  
Delta R.T.: 0.000 min  
Response: 2477545  
Conc: 20.00 ug/ml