

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD080322AL\  
 Data File : FD043489.D  
 Signal(s) : FID2B.ch  
 Acq On : 04 Aug 2022 04:04  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Aug 04 04:55:48 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 072522.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jul 26 05:37:25 2022  
 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 | 2739973    | 17.309 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 34.62%       |
| 12) S 1-chlorooctadecane (S... | 12.963 | 2116760    | 17.271 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 34.54%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.311  | 2624743    | 18.726 ug/ml |
| 2) T n-Decane (C10)            | 4.374  | 2676611    | 19.036 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.951  | 2859224    | 18.817 ug/ml |
| 4) T n-Dodecane (C12)          | 6.386  | 2686942    | 18.879 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.005  | 2801592    | 18.724 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.178  | 2660565    | 18.756 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.774  | 2634818    | 18.577 ug/ml |
| 8) T n-Octadecane (C18)        | 11.213 | 2615557    | 18.292 ug/ml |
| 10) T n-Eicosane (C20)         | 12.519 | 2553353    | 17.635 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.130 | 2506906    | 17.260 ug/ml |
| 13) T n-Docosane (C22)         | 13.715 | 2476158    | 17.068 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.814 | 2404706    | 16.599 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.833 | 2337776    | 16.253 ug/ml |
| 16) T n-Octacosane (C28)       | 16.779 | 2323929    | 16.428 ug/ml |
| 17) T n-Tricontane (C30)       | 17.664 | 2484311    | 17.601 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.495 | 2579075    | 18.650 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.276 | 2471058    | 19.202 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.013 | 2391037    | 19.385 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.734 | 2313550    | 19.565 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.610 | 2234348    | 19.760 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

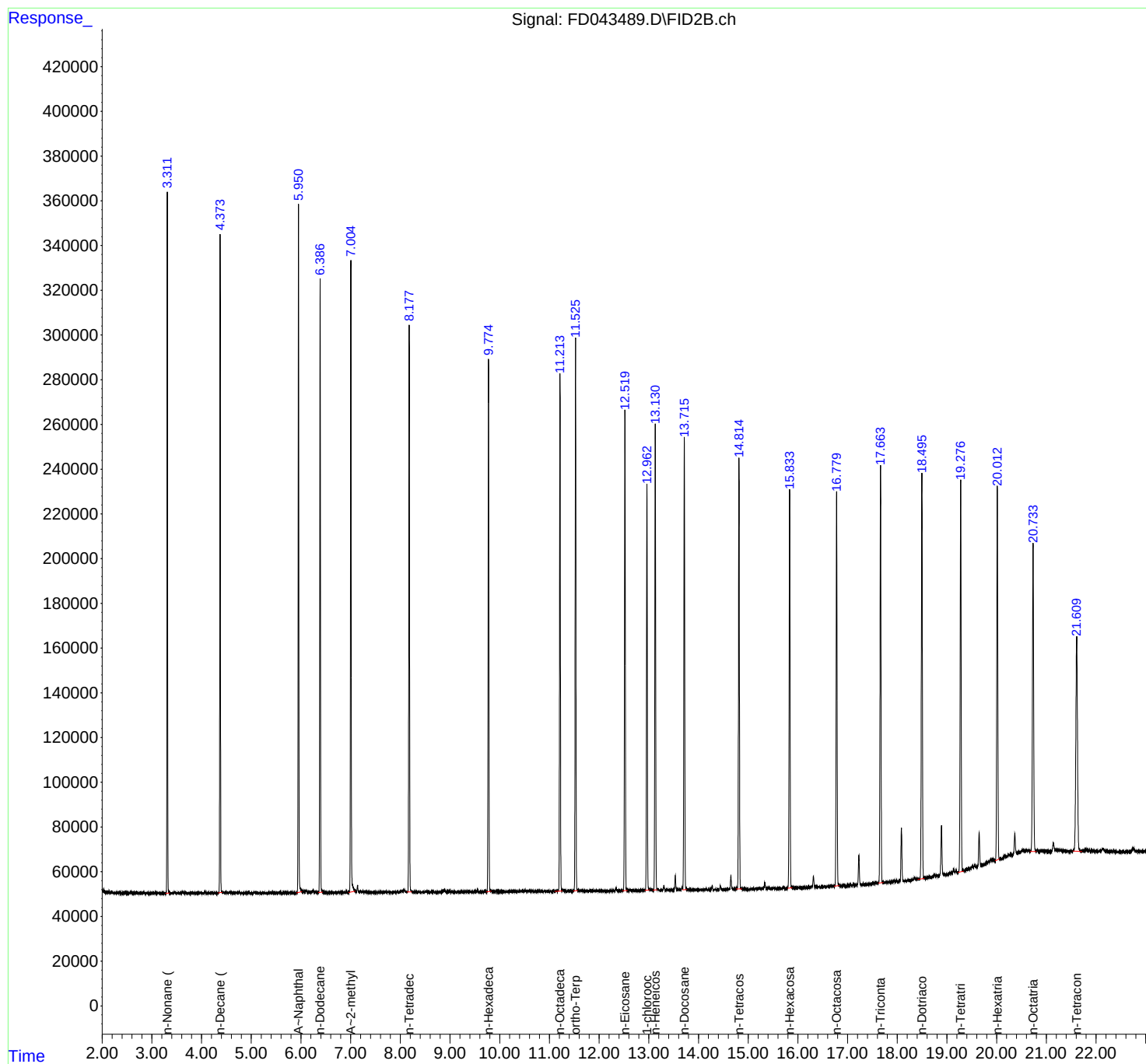
(m)=manual int.

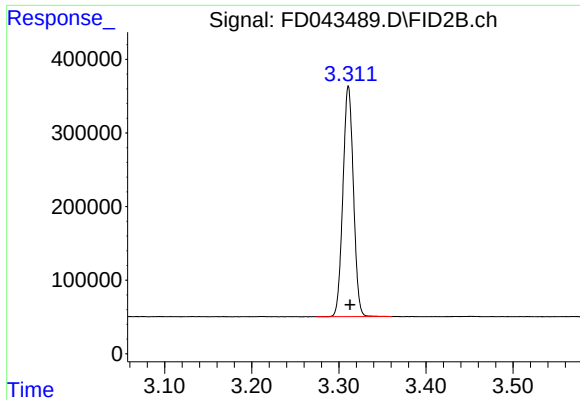
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD080322AL\  
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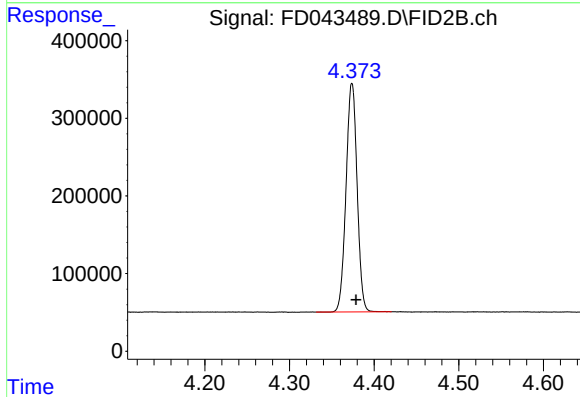




#1 n-Nonane (C9)

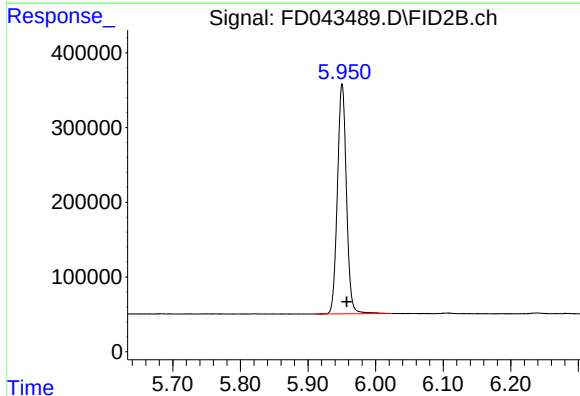
R.T.: 3.311 min  
Delta R.T.: -0.002 min  
Response: 2624743  
Conc: 18.73 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



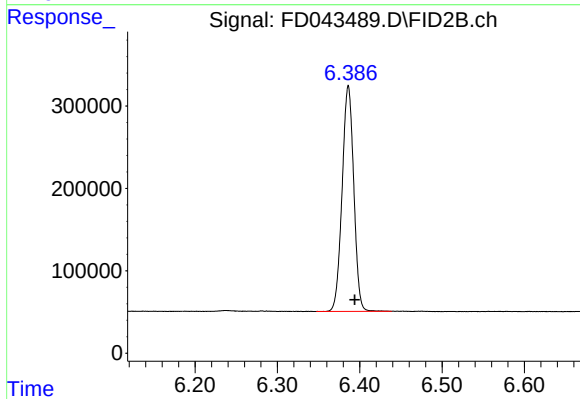
#2 n-Decane (C10)

R.T.: 4.374 min  
Delta R.T.: -0.005 min  
Response: 2676611  
Conc: 19.04 ug/ml



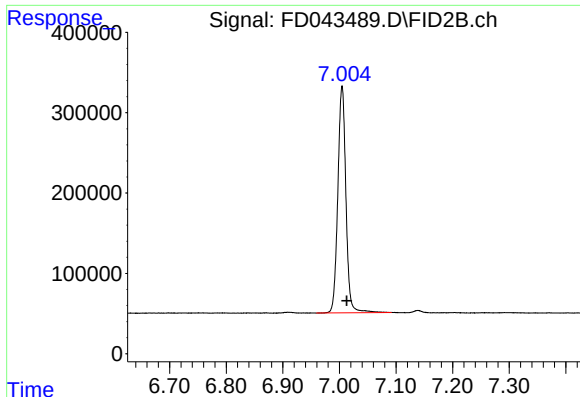
#3 A~Naphthalene (C11.7)

R.T.: 5.951 min  
Delta R.T.: -0.007 min  
Response: 2859224  
Conc: 18.82 ug/ml



#4 n-Dodecane (C12)

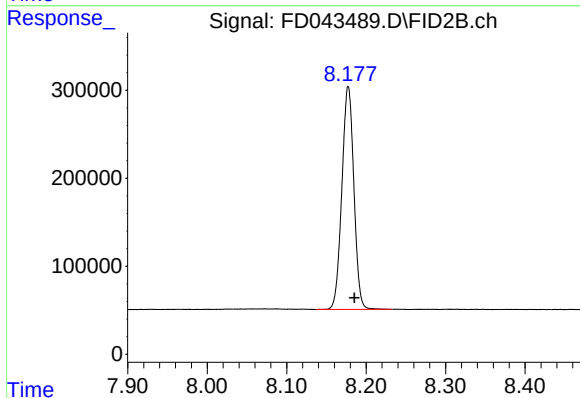
R.T.: 6.386 min  
Delta R.T.: -0.008 min  
Response: 2686942  
Conc: 18.88 ug/ml



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

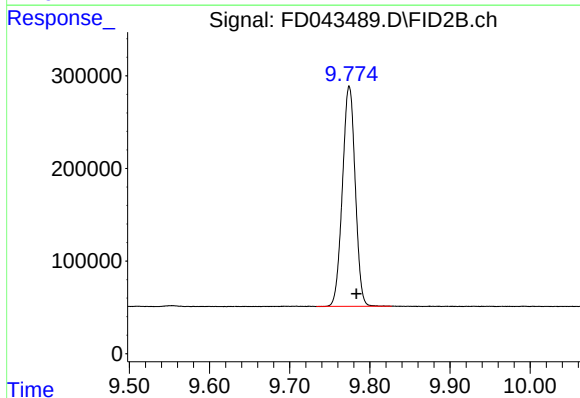
R.T.: 7.005 min  
Delta R.T.: -0.008 min  
Response: 2801592  
Conc: 18.72 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



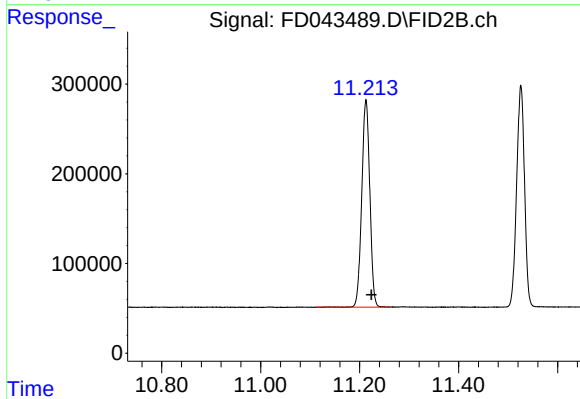
#6 n-Tetradecane (C14)

R.T.: 8.178 min  
Delta R.T.: -0.008 min  
Response: 2660565  
Conc: 18.76 ug/ml



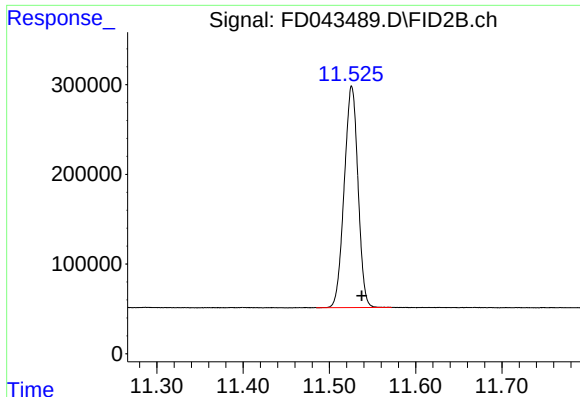
#7 n-Hexadecane (C16)

R.T.: 9.774 min  
Delta R.T.: -0.009 min  
Response: 2634818  
Conc: 18.58 ug/ml



#8 n-Octadecane (C18)

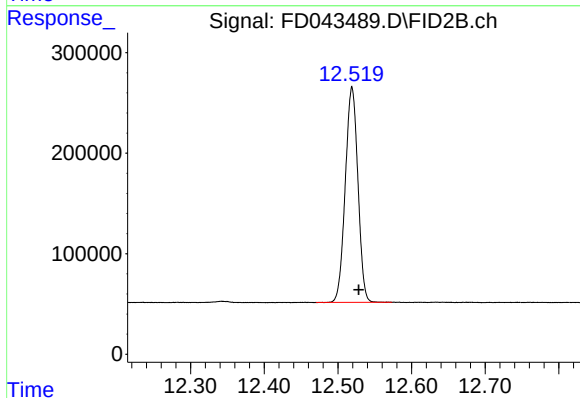
R.T.: 11.213 min  
Delta R.T.: -0.011 min  
Response: 2615557  
Conc: 18.29 ug/ml



#9 ortho-Terphenyl (SURR)

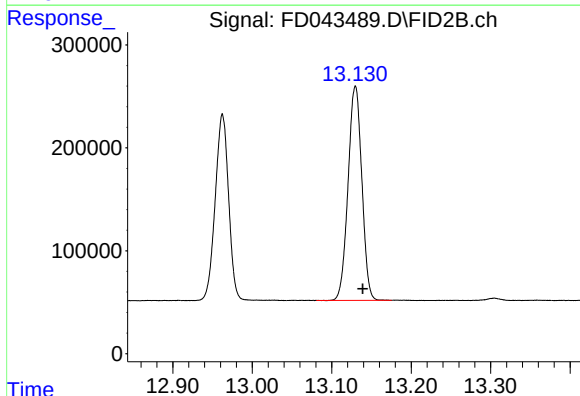
R.T.: 11.526 min  
Delta R.T.: -0.012 min  
Response: 2739973  
Conc: 17.31 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



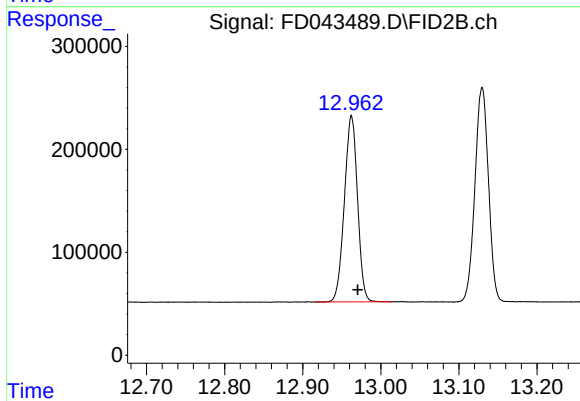
#10 n-Eicosane (C20)

R.T.: 12.519 min  
Delta R.T.: -0.009 min  
Response: 2553353  
Conc: 17.63 ug/ml



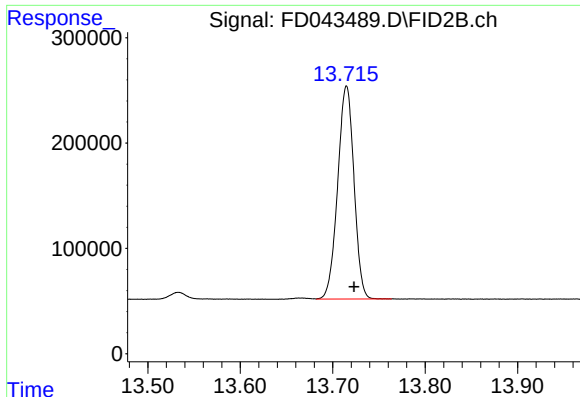
#11 n-Heneicosane (C21)

R.T.: 13.130 min  
Delta R.T.: -0.009 min  
Response: 2506906  
Conc: 17.26 ug/ml



#12 1-chlorooctadecane (SURR)

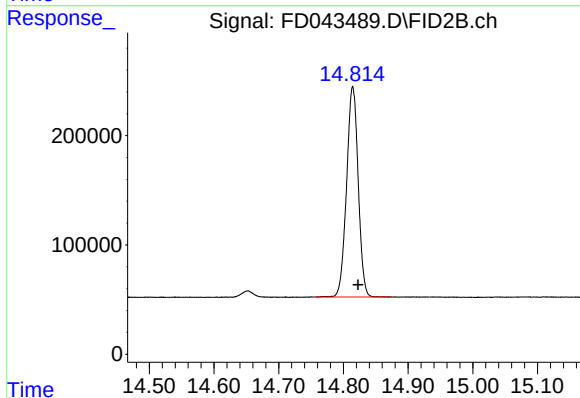
R.T.: 12.963 min  
Delta R.T.: -0.008 min  
Response: 2116760  
Conc: 17.27 ug/ml



#13 n-Docosane (C22)

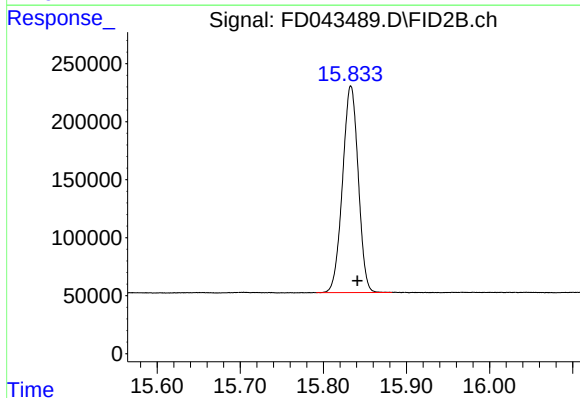
R.T.: 13.715 min  
Delta R.T.: -0.008 min  
Response: 2476158  
Conc: 17.07 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



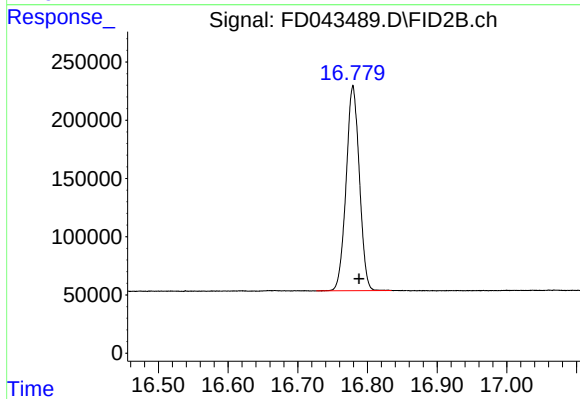
#14 n-Tetracosane (C24)

R.T.: 14.814 min  
Delta R.T.: -0.009 min  
Response: 2404706  
Conc: 16.60 ug/ml



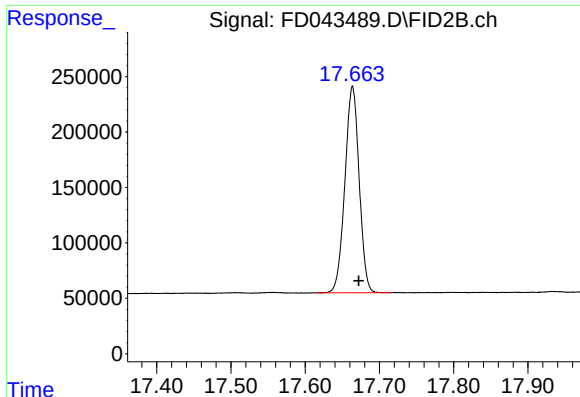
#15 n-Hexacosane (C26)

R.T.: 15.833 min  
Delta R.T.: -0.008 min  
Response: 2337776  
Conc: 16.25 ug/ml



#16 n-Octacosane (C28)

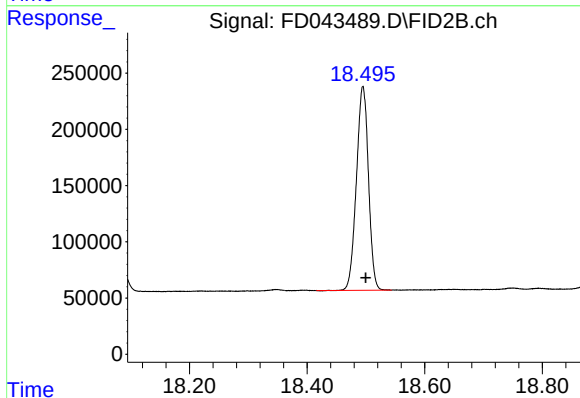
R.T.: 16.779 min  
Delta R.T.: -0.009 min  
Response: 2323929  
Conc: 16.43 ug/ml



#17 n-Tricontane (C30)

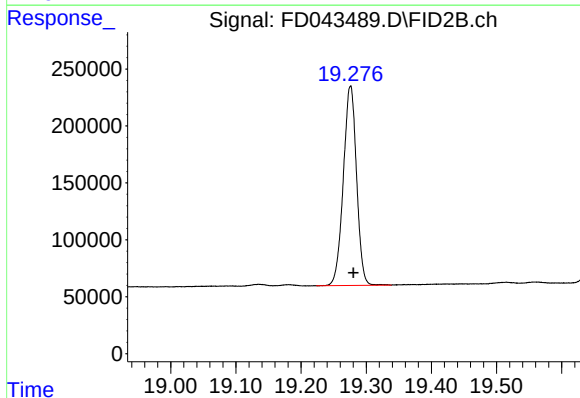
R.T.: 17.664 min  
Delta R.T.: -0.008 min  
Response: 2484311  
Conc: 17.60 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



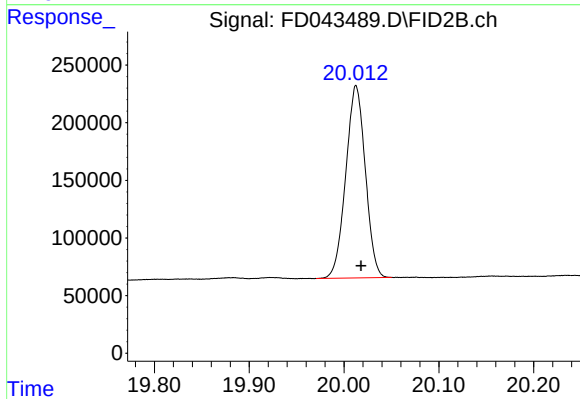
#18 n-Dotriacontane (C32)

R.T.: 18.495 min  
Delta R.T.: -0.005 min  
Response: 2579075  
Conc: 18.65 ug/ml



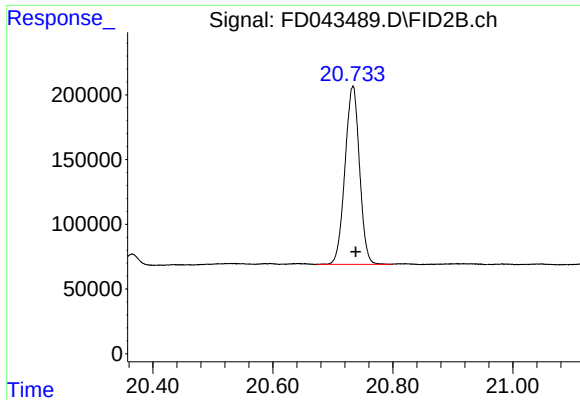
#19 n-Tetratriacontane (C34)

R.T.: 19.276 min  
Delta R.T.: -0.005 min  
Response: 2471058  
Conc: 19.20 ug/ml



#20 n-Hexatriacontane (C36)

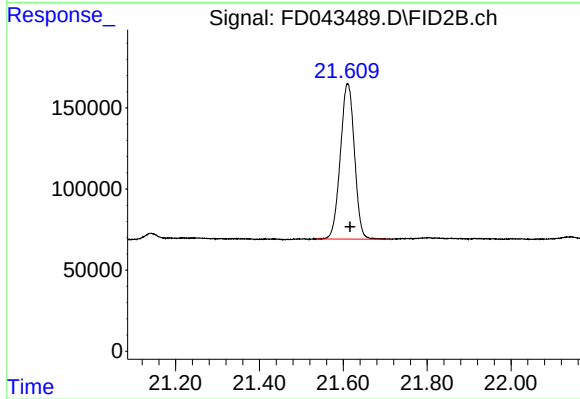
R.T.: 20.013 min  
Delta R.T.: -0.005 min  
Response: 2391037  
Conc: 19.38 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.734 min  
Delta R.T.: -0.005 min  
Response: 2313550  
Conc: 19.57 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.610 min  
Delta R.T.: -0.006 min  
Response: 2234348  
Conc: 19.76 ug/ml