

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC120922AL\  
 Data File : FC062388.D  
 Signal(s) : FID1A.ch  
 Acq On : 09 Dec 2022 21:35  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 FID\_C  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Dec 11 03:53:31 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_C\Method\Aliphatic EPH 120722.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Dec 08 01:05:24 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)    | 11.571 | 2875884    | 20.387 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.77%       |
| 12) S 1-chlorooctadecane (S... | 13.011 | 2150222    | 20.174 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.35%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.323  | 2635714    | 20.493 ug/ml |
| 2) T n-Decane (C10)            | 4.391  | 2581137    | 20.749 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.978  | 2945191    | 20.755 ug/ml |
| 4) T n-Dodecane (C12)          | 6.414  | 2587169    | 20.655 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.037  | 2754429    | 21.422 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.212  | 2575261    | 21.146 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.813  | 2602650    | 20.736 ug/ml |
| 8) T n-Octadecane (C18)        | 11.258 | 2620848    | 20.515 ug/ml |
| 10) T n-Eicosane (C20)         | 12.567 | 2516605    | 20.231 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.178 | 2511695    | 20.325 ug/ml |
| 13) T n-Docosane (C22)         | 13.765 | 2473433    | 20.362 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.867 | 2430368    | 20.276 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.886 | 2366013    | 20.367 ug/ml |
| 16) T n-Octacosane (C28)       | 16.836 | 2320654    | 20.418 ug/ml |
| 17) T n-Tricontane (C30)       | 17.721 | 2292202    | 20.503 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.552 | 2285788    | 20.571 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.333 | 2226495    | 20.581 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.073 | 2104408    | 20.728 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.809 | 2090965    | 20.438 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.720 | 2073650    | 20.461 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

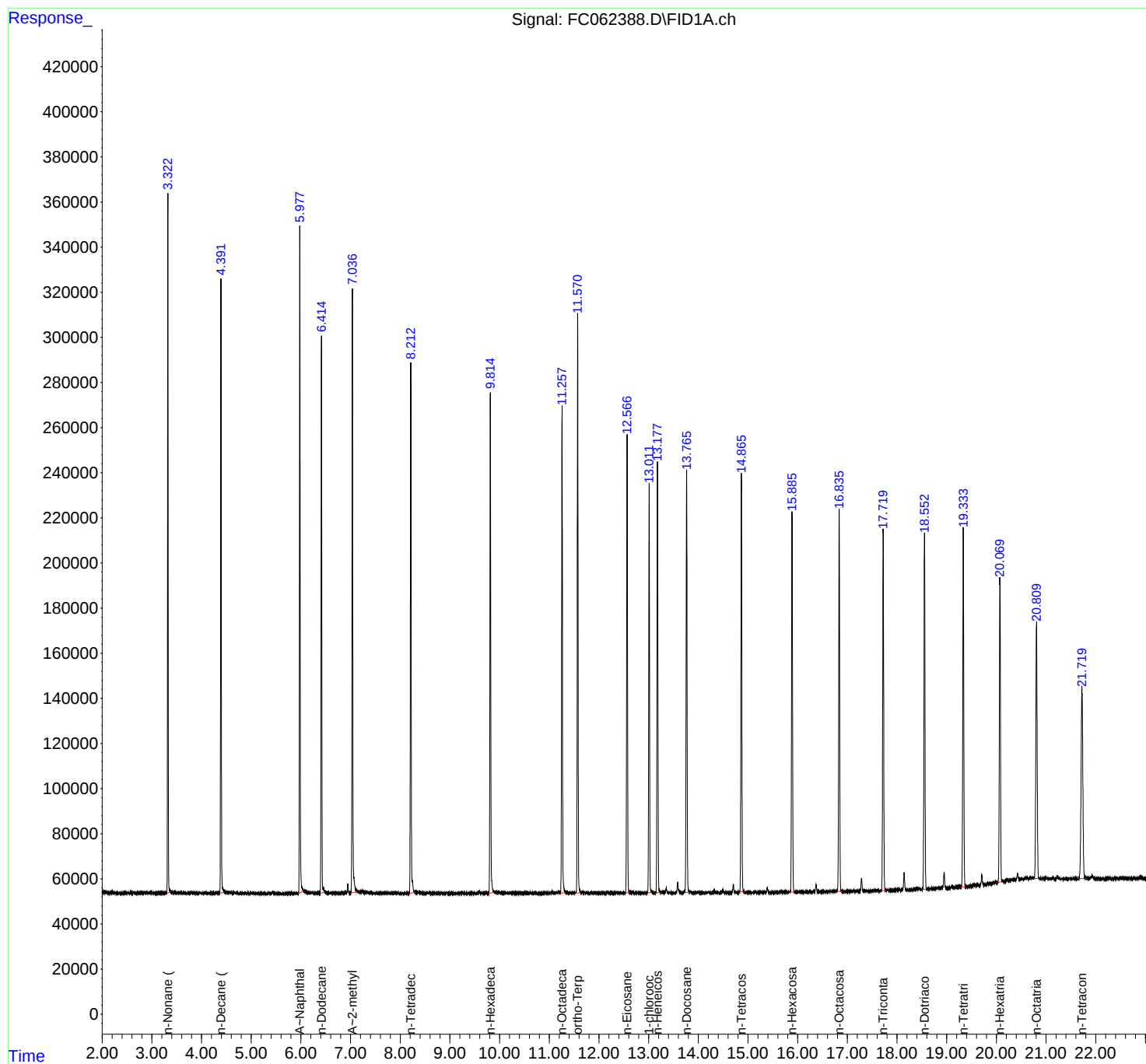
(m)=manual int.

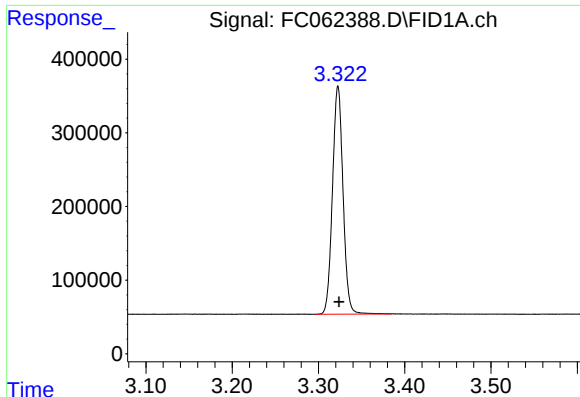
Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_C\Data\FC120922AL\  
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QLast Update : Thu Dec 08 01:05:24 2022  
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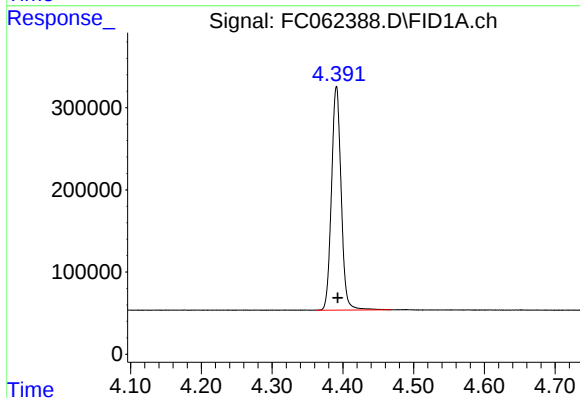




#1 n-Nonane (C9)

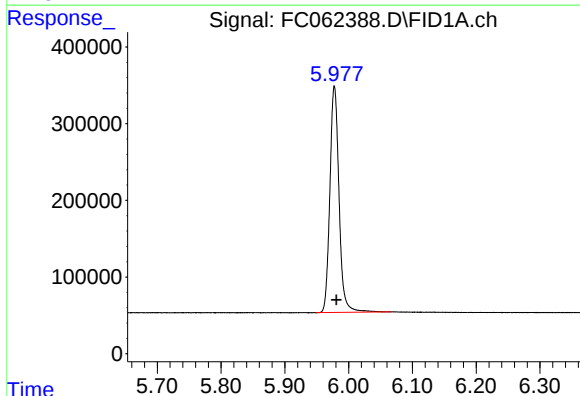
R.T.: 3.323 min  
Delta R.T.: -0.001 min  
Response: 2635714  
Conc: 20.49 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



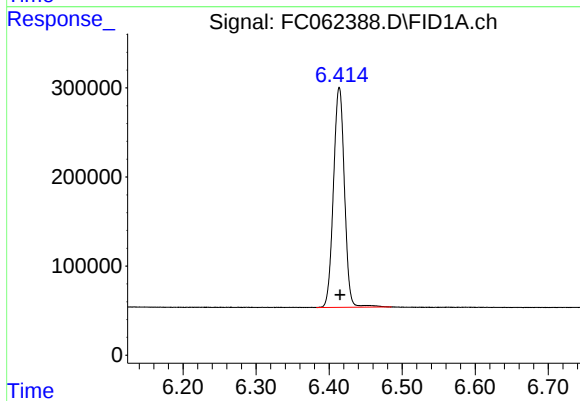
#2 n-Decane (C10)

R.T.: 4.391 min  
Delta R.T.: -0.002 min  
Response: 2581137  
Conc: 20.75 ug/ml



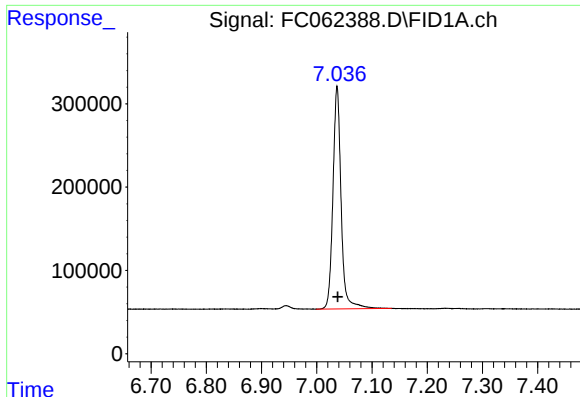
#3 A~Naphthalene (C11.7)

R.T.: 5.978 min  
Delta R.T.: -0.003 min  
Response: 2945191  
Conc: 20.76 ug/ml



#4 n-Dodecane (C12)

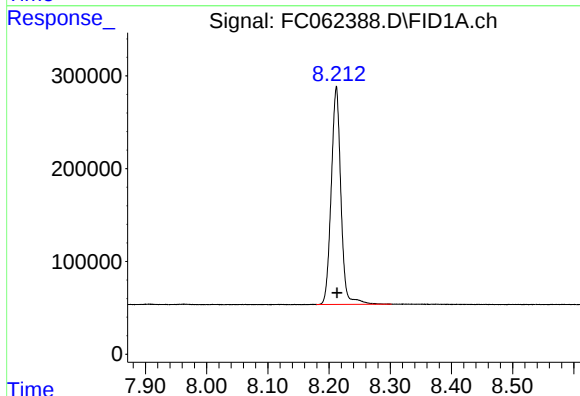
R.T.: 6.414 min  
Delta R.T.: -0.001 min  
Response: 2587169  
Conc: 20.65 ug/ml



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

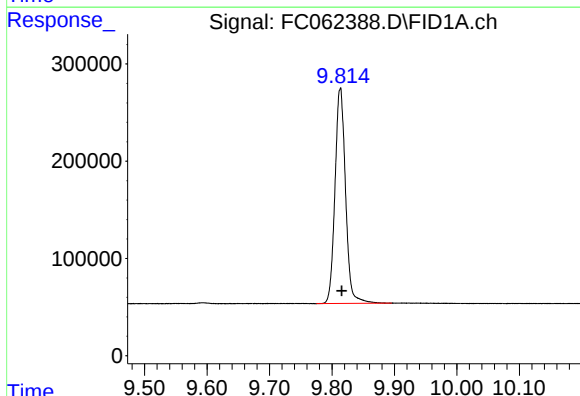
R.T.: 7.037 min  
Delta R.T.: -0.001 min  
Response: 2754429  
Conc: 21.42 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



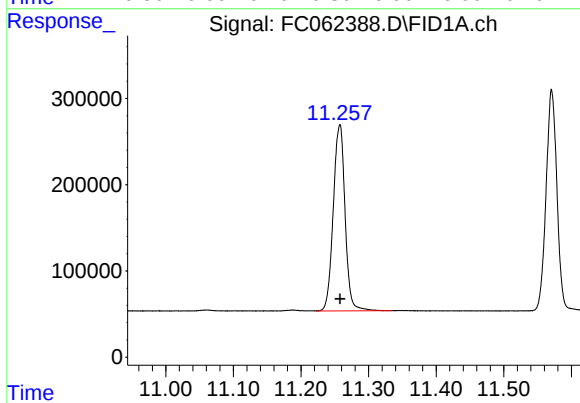
#6 n-Tetradecane (C14)

R.T.: 8.212 min  
Delta R.T.: -0.001 min  
Response: 2575261  
Conc: 21.15 ug/ml



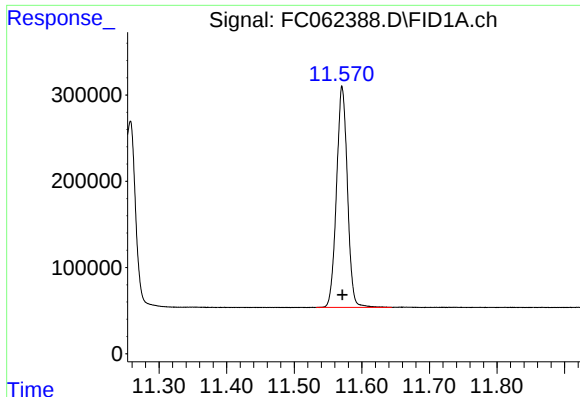
#7 n-Hexadecane (C16)

R.T.: 9.813 min  
Delta R.T.: -0.003 min  
Response: 2602650  
Conc: 20.74 ug/ml



#8 n-Octadecane (C18)

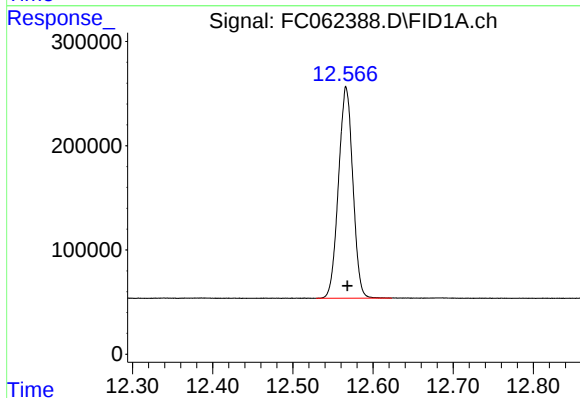
R.T.: 11.258 min  
Delta R.T.: 0.000 min  
Response: 2620848  
Conc: 20.52 ug/ml



#9 ortho-Terphenyl (SURR)

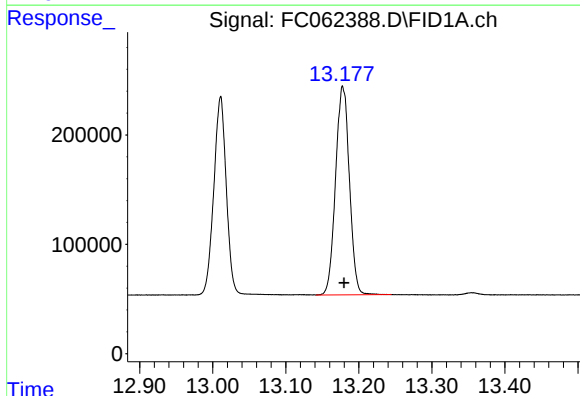
R.T.: 11.571 min  
Delta R.T.: 0.000 min  
Response: 2875884  
Conc: 20.39 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



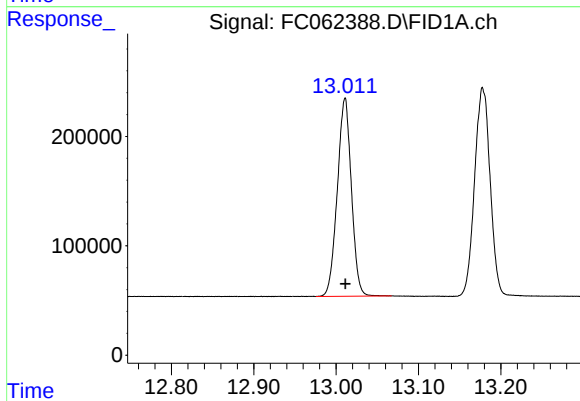
#10 n-Eicosane (C20)

R.T.: 12.567 min  
Delta R.T.: -0.001 min  
Response: 2516605  
Conc: 20.23 ug/ml



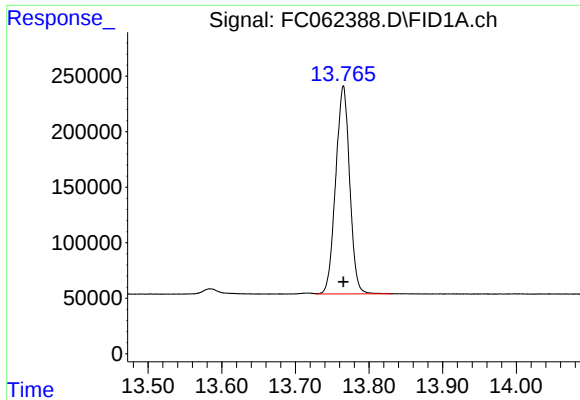
#11 n-Heneicosane (C21)

R.T.: 13.178 min  
Delta R.T.: -0.002 min  
Response: 2511695  
Conc: 20.33 ug/ml



#12 1-chlorooctadecane (SURR)

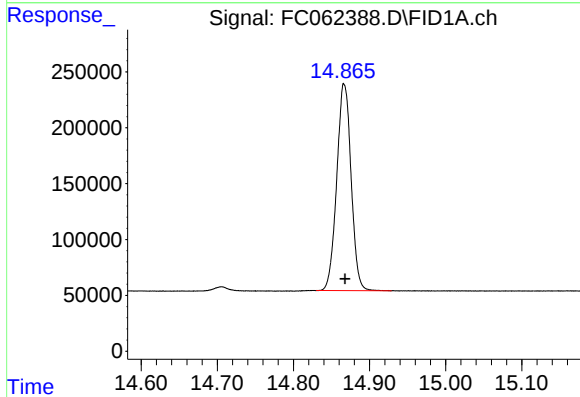
R.T.: 13.011 min  
Delta R.T.: 0.000 min  
Response: 2150222  
Conc: 20.17 ug/ml



#13 n-Docosane (C22)

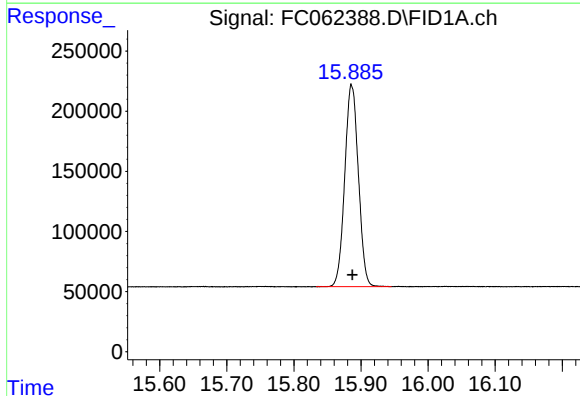
R.T.: 13.765 min  
Delta R.T.: 0.000 min  
Response: 2473433  
Conc: 20.36 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



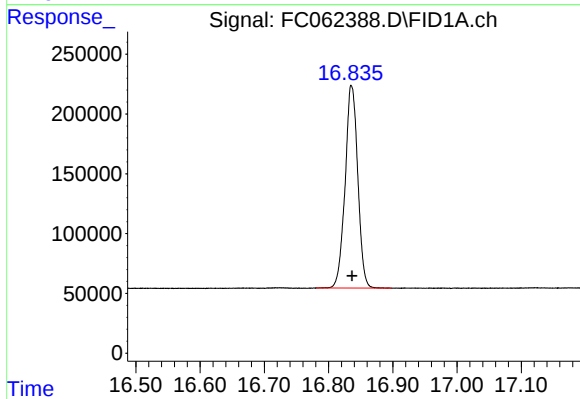
#14 n-Tetracosane (C24)

R.T.: 14.867 min  
Delta R.T.: -0.001 min  
Response: 2430368  
Conc: 20.28 ug/ml



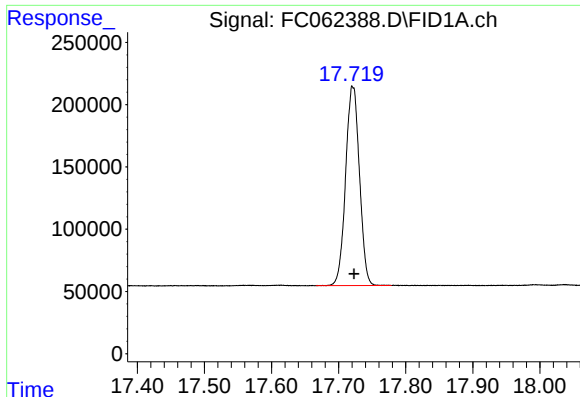
#15 n-Hexacosane (C26)

R.T.: 15.886 min  
Delta R.T.: 0.000 min  
Response: 2366013  
Conc: 20.37 ug/ml



#16 n-Octacosane (C28)

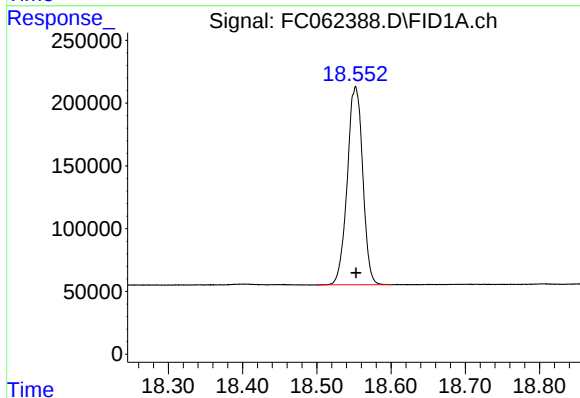
R.T.: 16.836 min  
Delta R.T.: 0.000 min  
Response: 2320654  
Conc: 20.42 ug/ml



#17 n-Tricontane (C30)

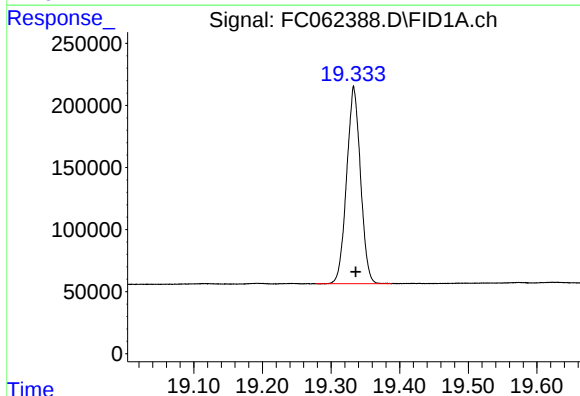
R.T.: 17.721 min  
Delta R.T.: -0.002 min  
Response: 2292202  
Conc: 20.50 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



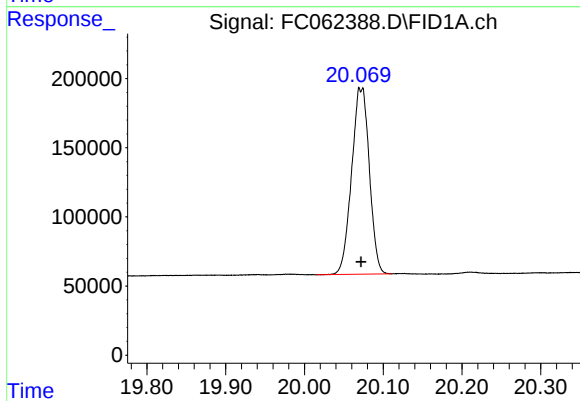
#18 n-Dotriacontane (C32)

R.T.: 18.552 min  
Delta R.T.: 0.000 min  
Response: 2285788  
Conc: 20.57 ug/ml



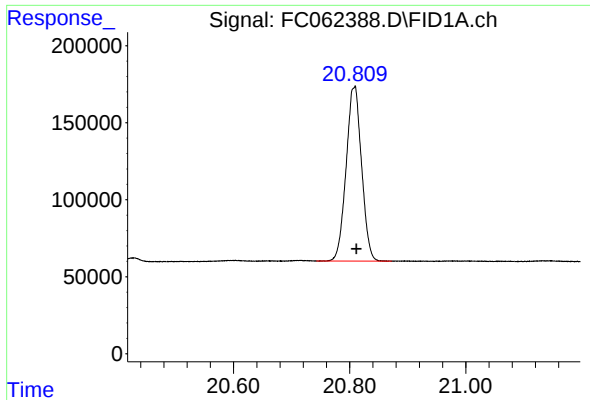
#19 n-Tetratriacontane (C34)

R.T.: 19.333 min  
Delta R.T.: -0.003 min  
Response: 2226495  
Conc: 20.58 ug/ml



#20 n-Hexatriacontane (C36)

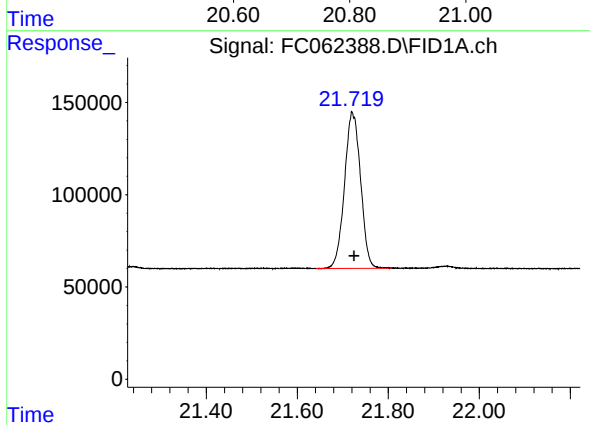
R.T.: 20.073 min  
Delta R.T.: 0.000 min  
Response: 2104408  
Conc: 20.73 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.809 min  
Delta R.T.: -0.003 min  
Response: 2090965  
Conc: 20.44 ug/ml

Instrument :  
FID\_C  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.720 min  
Delta R.T.: -0.005 min  
Response: 2073650  
Conc: 20.46 ug/ml