

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_F\Data\FF091025AL\  
 Data File : FF016367.D  
 Signal(s) : FID2B.ch  
 Acq On : 10 Sep 2025 12:56  
 Operator : YP\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 61 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Sep 11 03:43:17 2025  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_F\Method\Aliphatic EPH 082825.M  
 Quant Title : GC Extractables  
 Qlast Update : Fri Aug 29 03:35:42 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)    | 11.970 | 2869921    | 19.843 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 39.69%        |
| 12) S 1-chlorooctadecane (S... | 13.410 | 2160704    | 19.371 ug/mlm |
| Spiked Amount 50.000           |        | Recovery = | 38.74%        |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.327  | 2331500    | 19.942 ug/ml  |
| 2) T n-Decane (C10)            | 4.588  | 2360029    | 19.925 ug/ml  |
| 3) T A~Naphthalene (C11.7)     | 6.297  | 2615682    | 20.027 ug/ml  |
| 4) T n-Dodecane (C12)          | 6.765  | 2410774    | 20.084 ug/ml  |
| 5) T A~2-methylnaphthalene...  | 7.397  | 2542452    | 19.969 ug/ml  |
| 6) T n-Tetradecane (C14)       | 8.598  | 2404677    | 19.956 ug/ml  |
| 7) T n-Hexadecane (C16)        | 10.206 | 2477069    | 19.834 ug/mlm |
| 8) T n-Octadecane (C18)        | 11.652 | 2588323    | 19.982 ug/mlm |
| 10) T n-Eicosane (C20)         | 12.965 | 2557784    | 20.003 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.577 | 2528391    | 19.914 ug/ml  |
| 13) T n-Docosane (C22)         | 14.165 | 2547842    | 20.067 ug/ml  |
| 14) T n-Tetracosane (C24)      | 15.270 | 2594197    | 20.280 ug/ml  |
| 15) T n-Hexacosane (C26)       | 16.292 | 2536760    | 20.293 ug/mlm |
| 16) T n-Octacosane (C28)       | 17.245 | 2472454    | 20.179 ug/ml  |
| 17) T n-Tricontane (C30)       | 18.136 | 2491949    | 20.009 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.971 | 2345699    | 19.462 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.757 | 2159052    | 19.799 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 20.499 | 1796132    | 19.245 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 21.258 | 1492209    | 17.743 ug/ml  |
| 22) T n-Tetracontane (C40)     | 22.204 | 1271895    | 16.201 ug/ml  |
| -----                          |        |            |               |

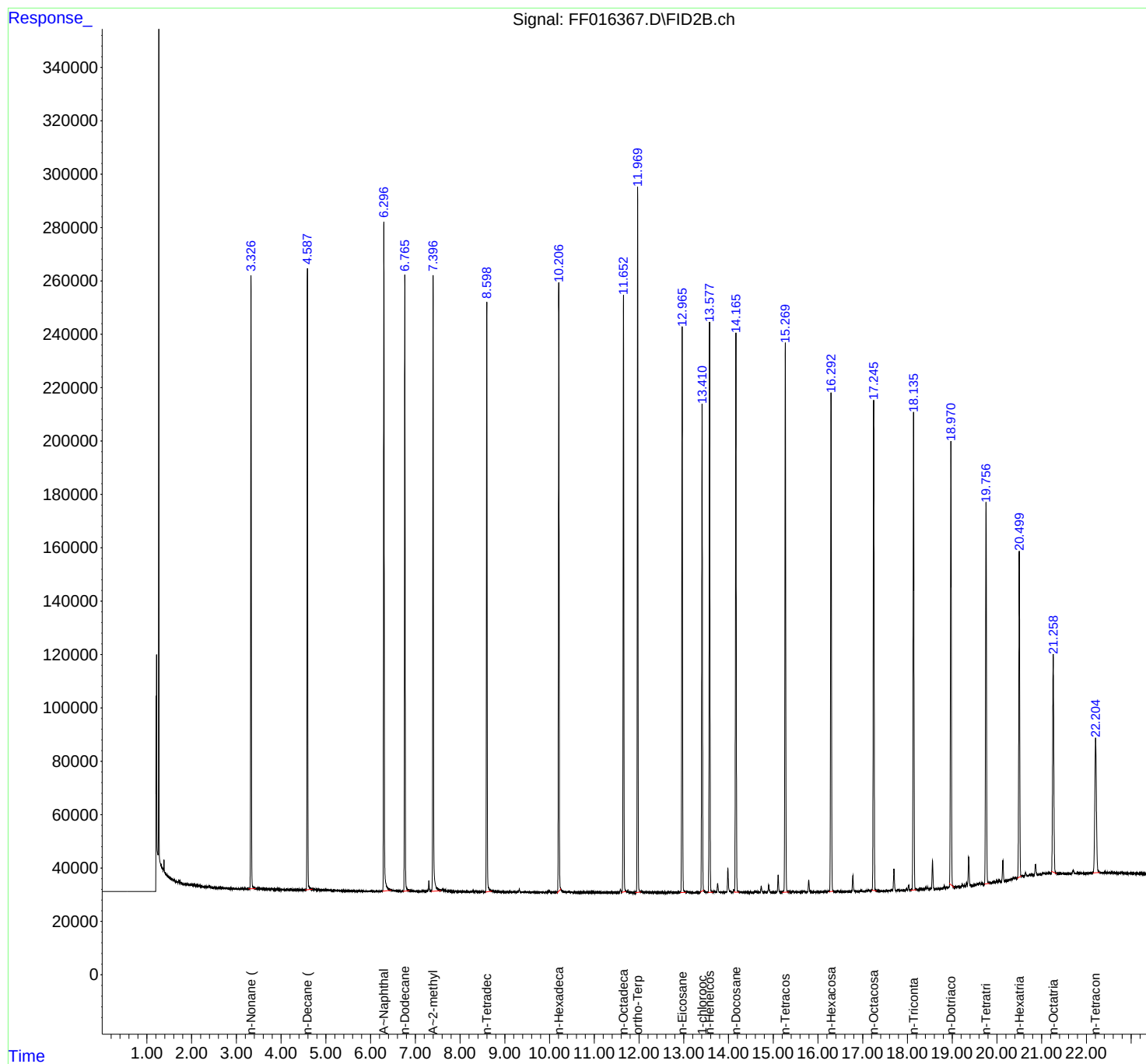
(f)=RT Delta > 1/2 Window

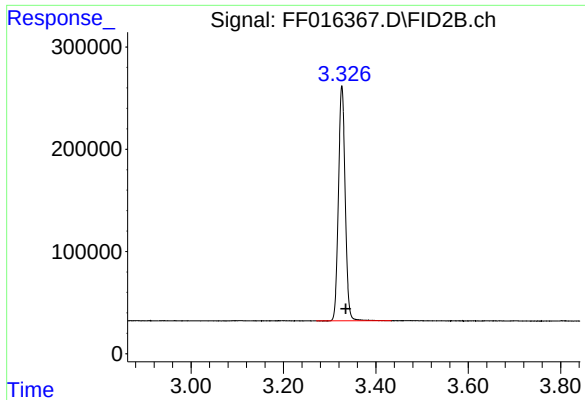
(m)=manual int.

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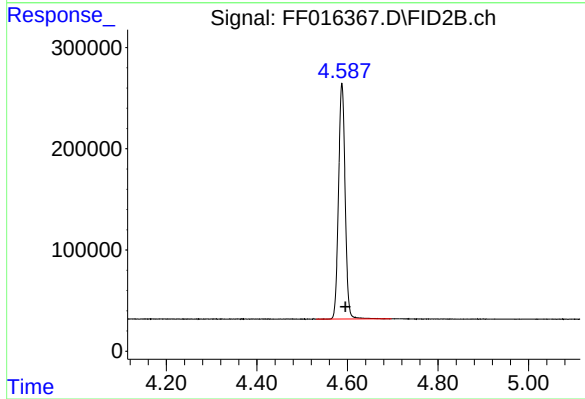
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





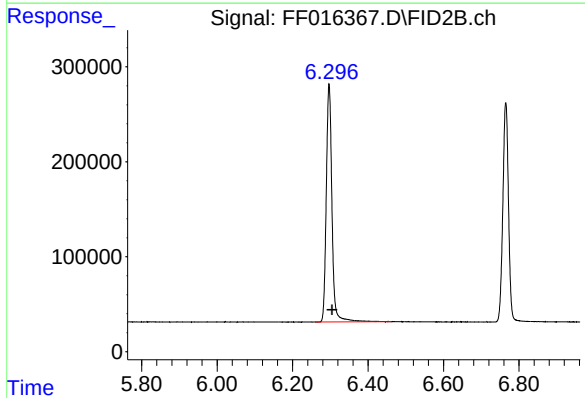
#1 n-Nonane (C9)

R.T.: 3.327 min  
Delta R.T.: -0.008 min  
Response: 2331500  
Conc: 19.94 ug/ml



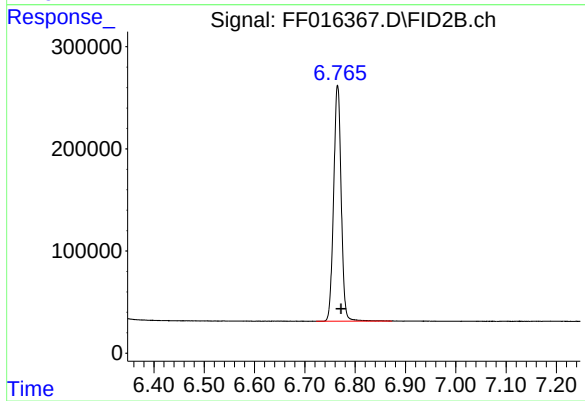
#2 n-Decane (C10)

R.T.: 4.588 min  
Delta R.T.: -0.008 min  
Response: 2360029  
Conc: 19.92 ug/ml



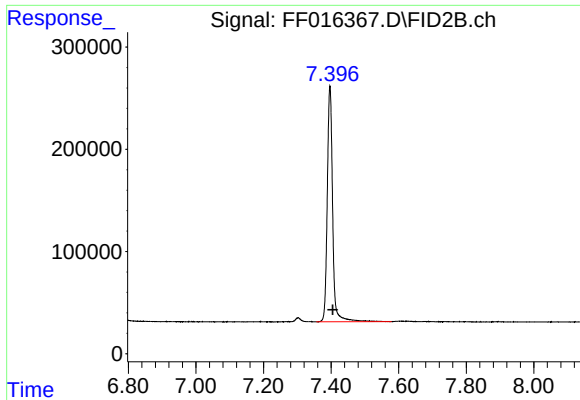
#3 A~Naphthalene (C11.7)

R.T.: 6.297 min  
Delta R.T.: -0.008 min  
Response: 2615682  
Conc: 20.03 ug/ml



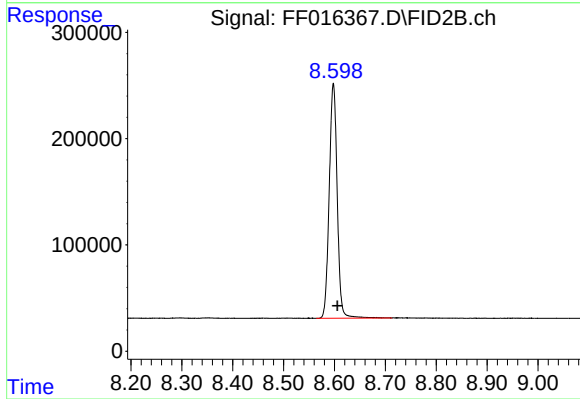
#4 n-Dodecane (C12)

R.T.: 6.765 min  
Delta R.T.: -0.007 min  
Response: 2410774  
Conc: 20.08 ug/ml



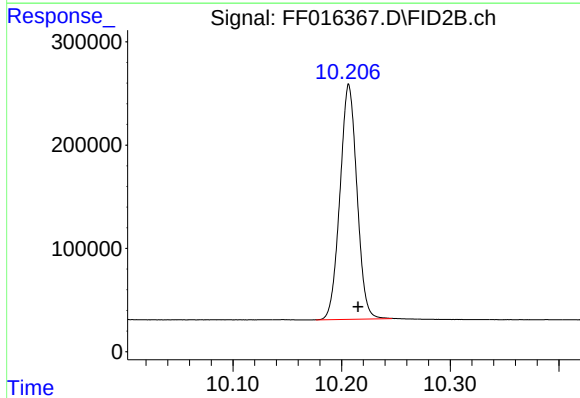
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.397 min  
Delta R.T.: -0.008 min  
Response: 2542452  
Conc: 19.97 ug/ml



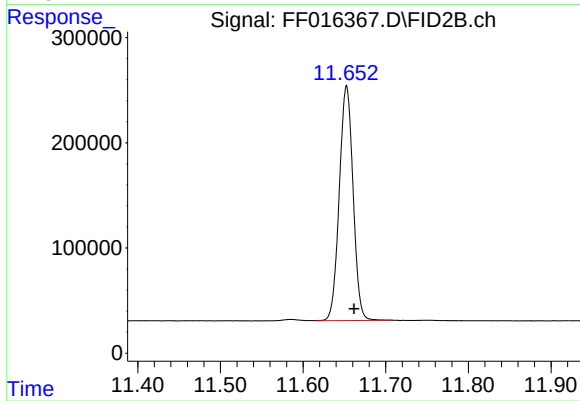
#6 n-Tetradecane (C14)

R.T.: 8.598 min  
Delta R.T.: -0.008 min  
Response: 2404677  
Conc: 19.96 ug/ml



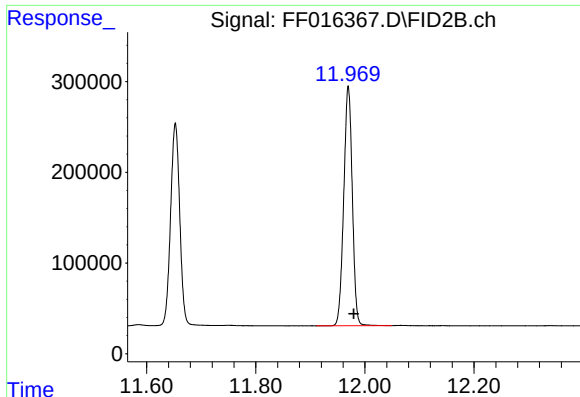
#7 n-Hexadecane (C16)

R.T.: 10.206 min  
Delta R.T.: -0.009 min  
Response: 2477069  
Conc: 19.83 ug/ml m



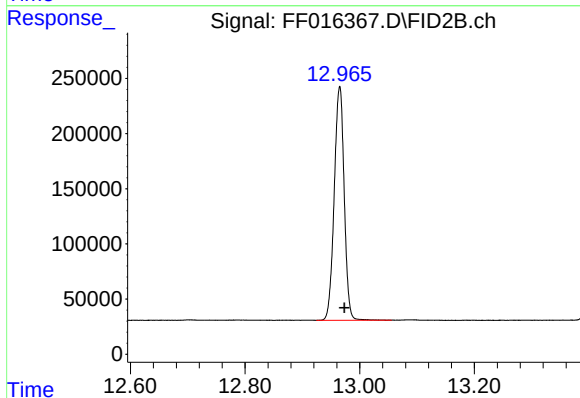
#8 n-Octadecane (C18)

R.T.: 11.652 min  
Delta R.T.: -0.010 min  
Response: 2588323  
Conc: 19.98 ug/ml m



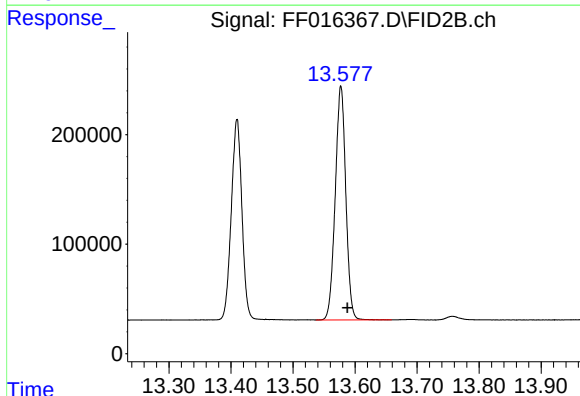
#9 ortho-Terphenyl (SURR)

R.T.: 11.970 min  
Delta R.T.: -0.010 min  
Response: 2869921  
Conc: 19.84 ug/ml



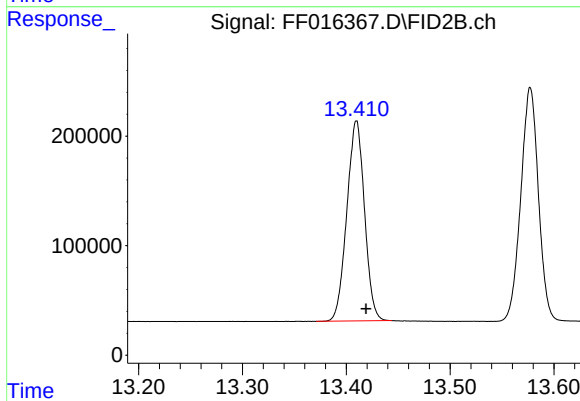
#10 n-Eicosane (C20)

R.T.: 12.965 min  
Delta R.T.: -0.009 min  
Response: 2557784  
Conc: 20.00 ug/ml



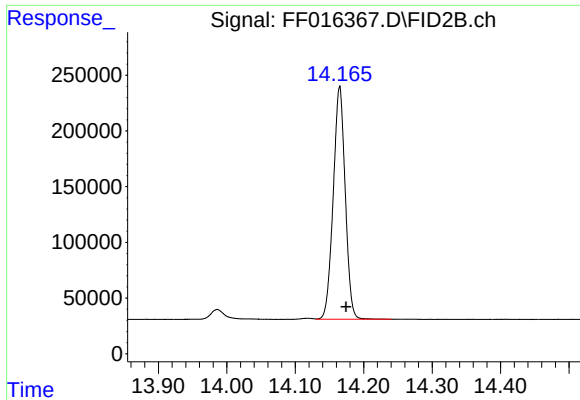
#11 n-Heneicosane (C21)

R.T.: 13.577 min  
Delta R.T.: -0.010 min  
Response: 2528391  
Conc: 19.91 ug/ml



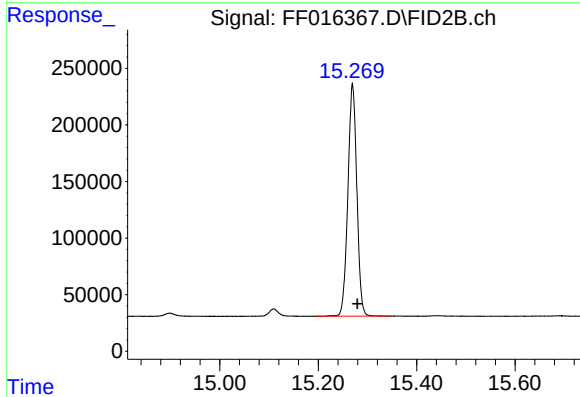
#12 1-chlorooctadecane (SURR)

R.T.: 13.410 min  
Delta R.T.: -0.009 min  
Response: 2160704  
Conc: 19.37 ug/ml m



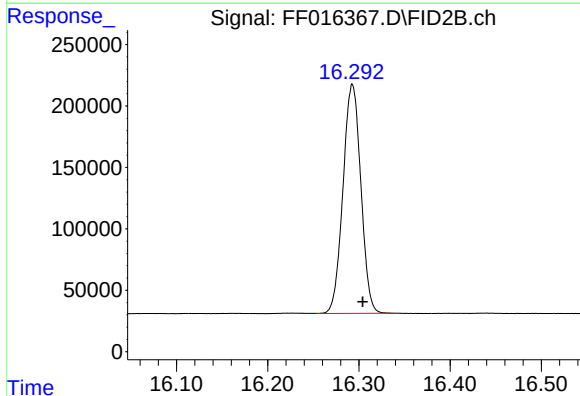
#13 n-Docosane (C22)

R.T.: 14.165 min  
Delta R.T.: -0.010 min  
Response: 2547842  
Conc: 20.07 ug/ml



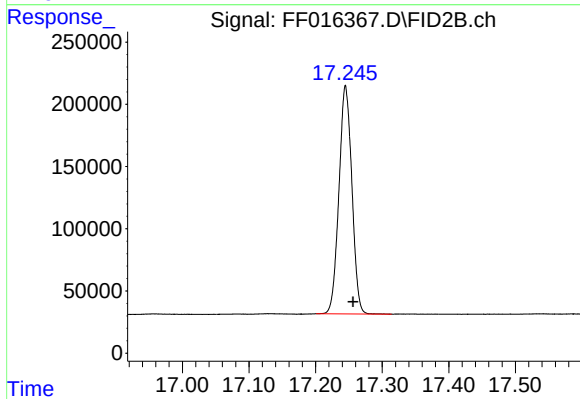
#14 n-Tetracosane (C24)

R.T.: 15.270 min  
Delta R.T.: -0.010 min  
Response: 2594197  
Conc: 20.28 ug/ml



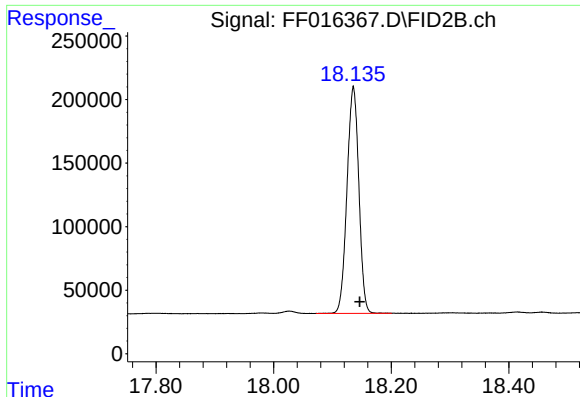
#15 n-Hexacosane (C26)

R.T.: 16.292 min  
Delta R.T.: -0.012 min  
Response: 2536760  
Conc: 20.29 ug/ml m



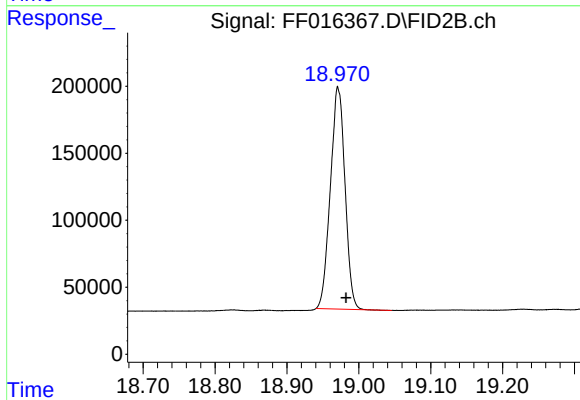
#16 n-Octacosane (C28)

R.T.: 17.245 min  
Delta R.T.: -0.011 min  
Response: 2472454  
Conc: 20.18 ug/ml



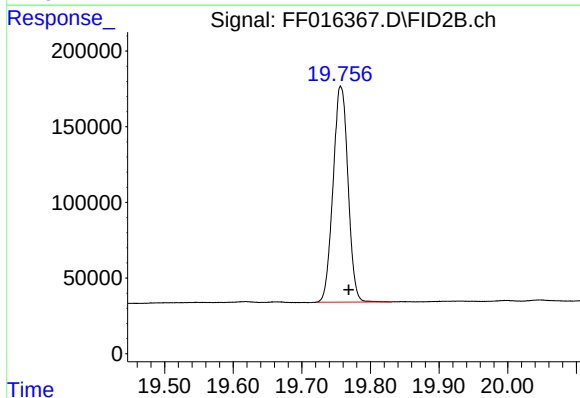
#17 n-Tricontane (C30)

R.T.: 18.136 min  
Delta R.T.: -0.011 min  
Response: 2491949  
Conc: 20.01 ug/ml



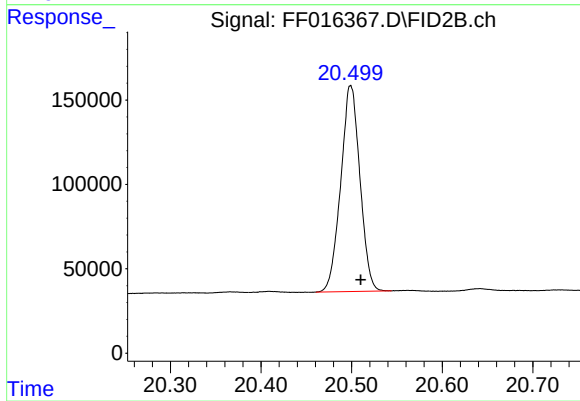
#18 n-Dotriacontane (C32)

R.T.: 18.971 min  
Delta R.T.: -0.011 min  
Response: 2345699  
Conc: 19.46 ug/ml



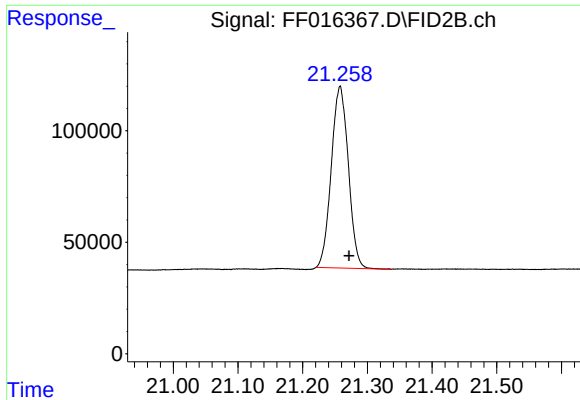
#19 n-Tetratriacontane (C34)

R.T.: 19.757 min  
Delta R.T.: -0.011 min  
Response: 2159052  
Conc: 19.80 ug/ml



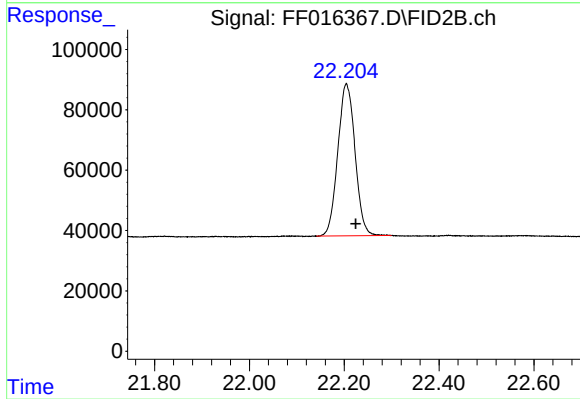
#20 n-Hexatriacontane (C36)

R.T.: 20.499 min  
Delta R.T.: -0.011 min  
Response: 1796132  
Conc: 19.24 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.258 min  
Delta R.T.: -0.014 min  
Response: 1492209  
Conc: 17.74 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.204 min  
Delta R.T.: -0.020 min  
Response: 1271895  
Conc: 16.20 ug/ml