

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD041621AL\  
 Data File : FD036983.D  
 Signal(s) : FID2B.CH  
 Acq On : 17 Apr 2021 5:42  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Apr 19 01:05:28 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 032321.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Mar 24 09:10:29 2021  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)    | 11.483 | 2659209    | 17.947 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 35.89%       |
| 12) S 1-chlorooctadecane (S... | 12.916 | 2053225    | 17.643 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 35.29%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.282  | 2595834    | 20.421 ug/ml |
| 2) T n-Decane (C10)            | 4.344  | 2628386    | 20.398 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.918  | 2943316    | 20.159 ug/ml |
| 4) T n-Dodecane (C12)          | 6.354  | 2690474    | 20.296 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.971  | 2982384    | 19.919 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.142  | 2681261    | 19.727 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.736  | 2593575    | 19.475 ug/ml |
| 8) T n-Octadecane (C18)        | 11.172 | 2611408    | 18.852 ug/ml |
| 10) T n-Eicosane (C20)         | 12.476 | 2500899    | 18.092 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.084 | 2436831    | 17.700 ug/ml |
| 13) T n-Docosane (C22)         | 13.667 | 2369254    | 17.418 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.765 | 2245419    | 16.936 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.781 | 2130811    | 16.829 ug/ml |
| 16) T n-Octacosane (C28)       | 16.725 | 2069884    | 17.163 ug/ml |
| 17) T n-Tricontane (C30)       | 17.609 | 2050705    | 17.852 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.436 | 2025558    | 18.416 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.215 | 2024462    | 19.712 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.951 | 1978643    | 20.251 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.661 | 1948513    | 21.075 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.512 | 2031565    | 20.142 ug/ml |
| -----                          |        |            |              |

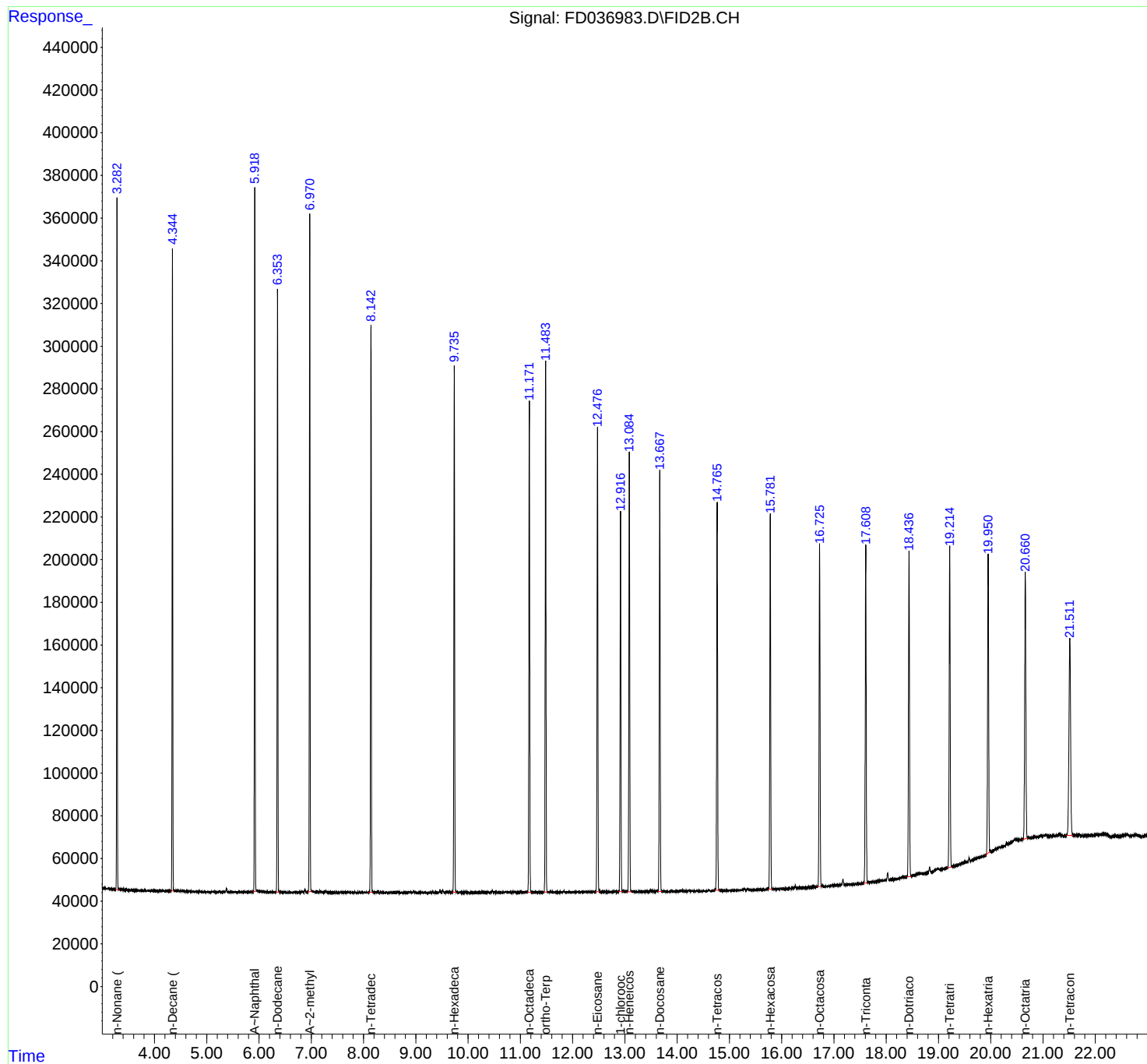
(f)=RT Delta > 1/2 Window

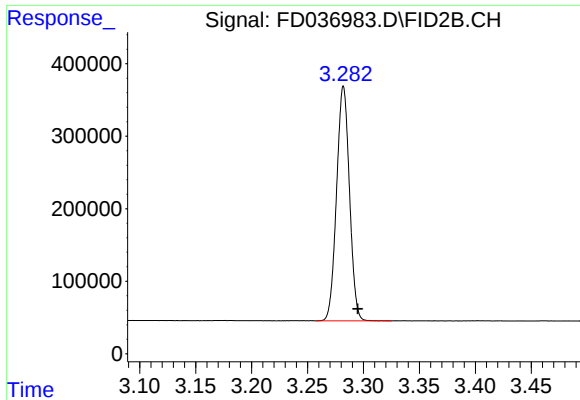
(m)=manual int.

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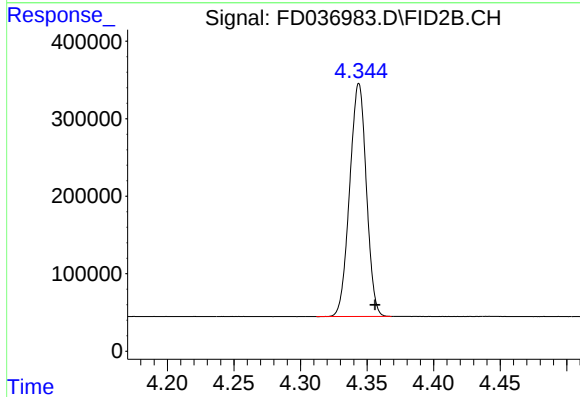
Volume Inj. : 1 ul  
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Signal Info : 20M x 0.18mm x 0.18um





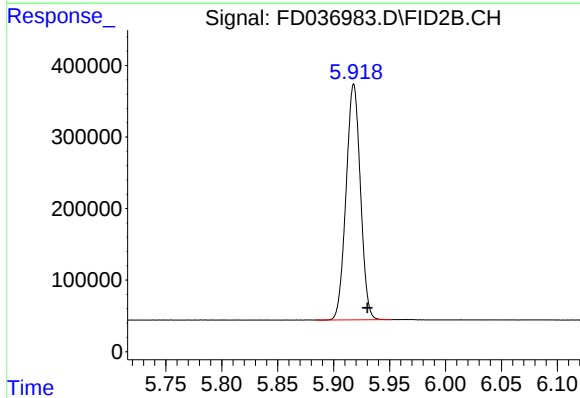
#1 n-Nonane (C9)

R.T.: 3.282 min  
Delta R.T.: -0.013 min  
Response: 2595834  
Conc: 20.42 ug/ml



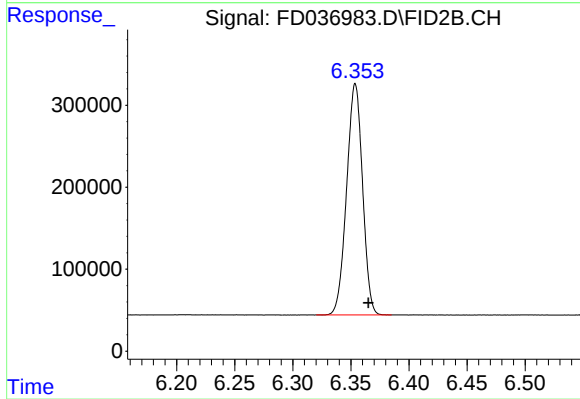
#2 n-Decane (C10)

R.T.: 4.344 min  
Delta R.T.: -0.012 min  
Response: 2628386  
Conc: 20.40 ug/ml



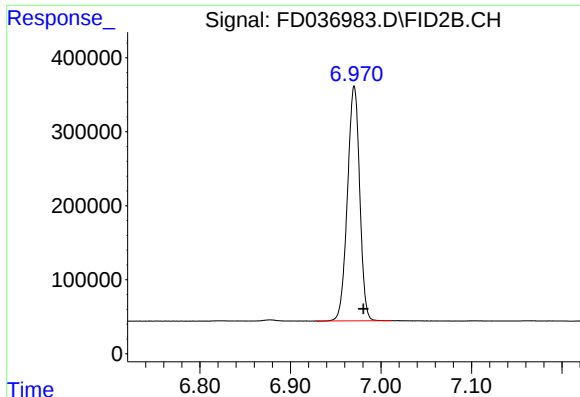
#3 A~Naphthalene (C11.7)

R.T.: 5.918 min  
Delta R.T.: -0.012 min  
Response: 2943316  
Conc: 20.16 ug/ml



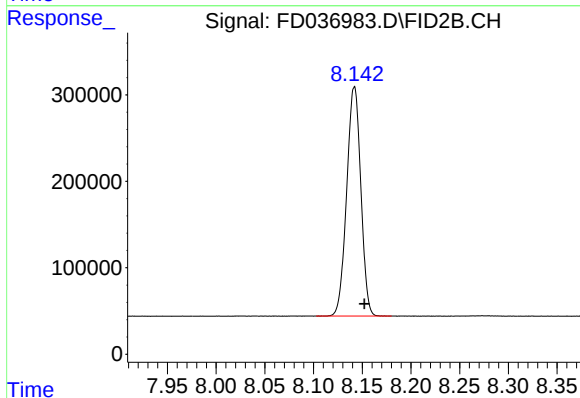
#4 n-Dodecane (C12)

R.T.: 6.354 min  
Delta R.T.: -0.011 min  
Response: 2690474  
Conc: 20.30 ug/ml



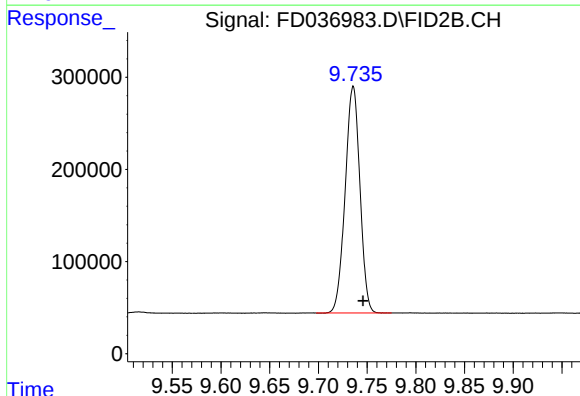
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.971 min  
Delta R.T.: -0.010 min  
Response: 2982384  
Conc: 19.92 ug/ml



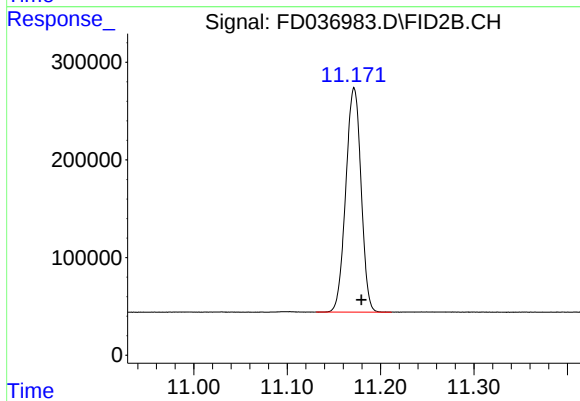
#6 n-Tetradecane (C14)

R.T.: 8.142 min  
Delta R.T.: -0.010 min  
Response: 2681261  
Conc: 19.73 ug/ml



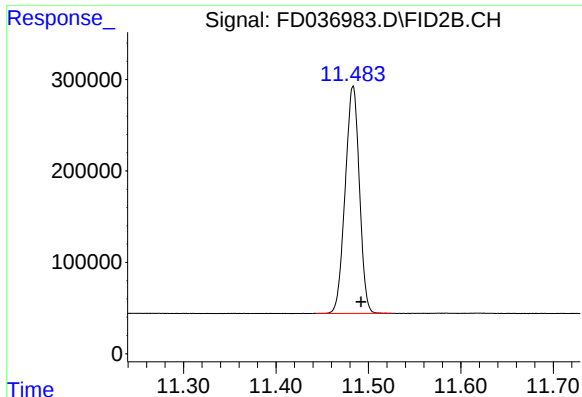
#7 n-Hexadecane (C16)

R.T.: 9.736 min  
Delta R.T.: -0.010 min  
Response: 2593575  
Conc: 19.47 ug/ml



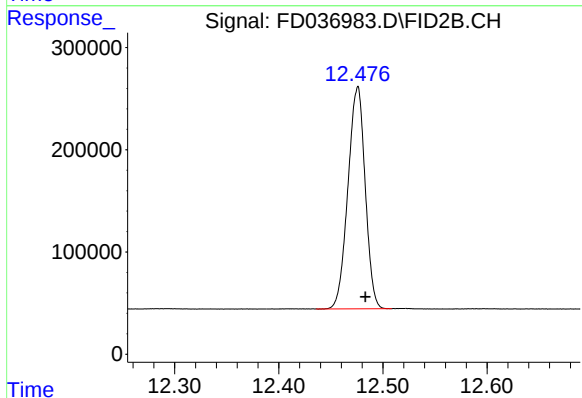
#8 n-Octadecane (C18)

R.T.: 11.172 min  
Delta R.T.: -0.008 min  
Response: 2611408  
Conc: 18.85 ug/ml



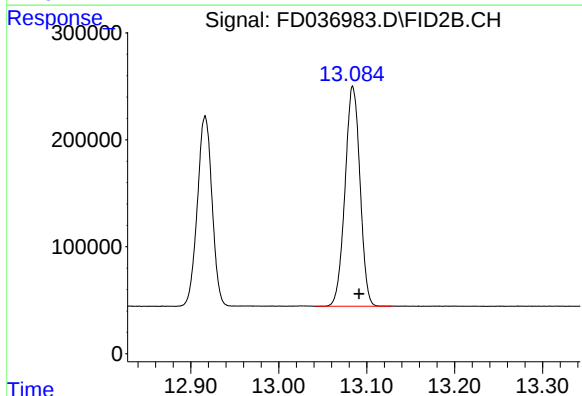
#9 ortho-Terphenyl (SURR)

R.T.: 11.483 min  
Delta R.T.: -0.009 min  
Response: 2659209  
Conc: 17.95 ug/ml



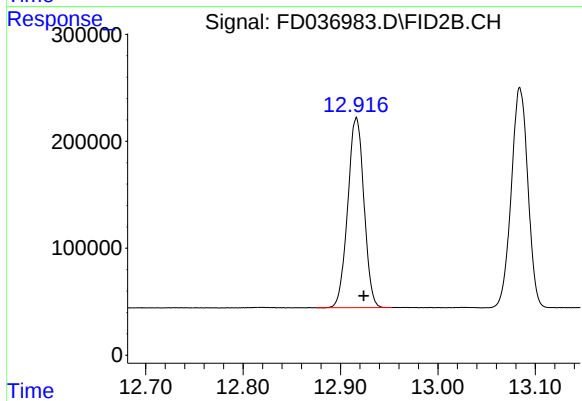
#10 n-Eicosane (C20)

R.T.: 12.476 min  
Delta R.T.: -0.007 min  
Response: 2500899  
Conc: 18.09 ug/ml



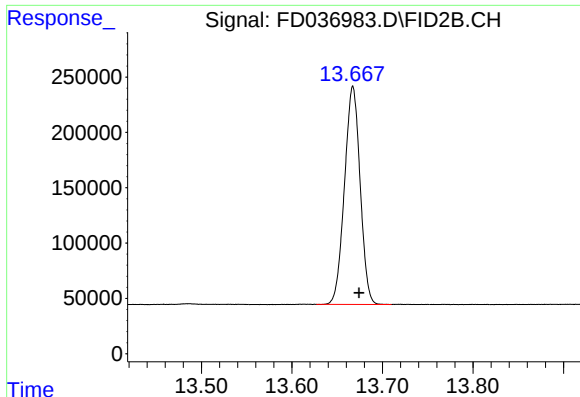
#11 n-Heneicosane (C21)

R.T.: 13.084 min  
Delta R.T.: -0.007 min  
Response: 2436831  
Conc: 17.70 ug/ml



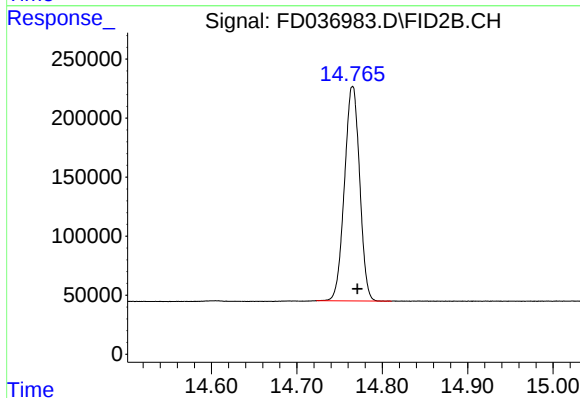
#12 1-chlorooctadecane (SURR)

R.T.: 12.916 min  
Delta R.T.: -0.007 min  
Response: 2053225  
Conc: 17.64 ug/ml



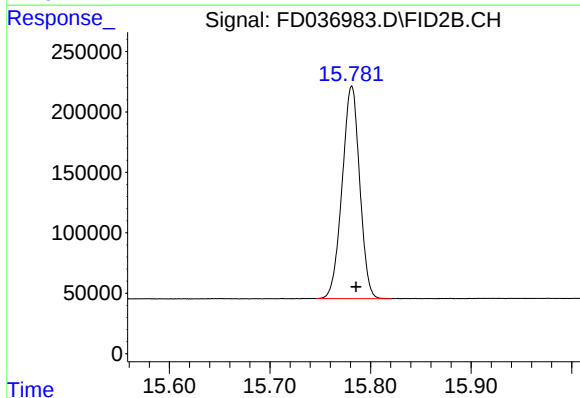
#13 n-Docosane (C22)

R.T.: 13.667 min  
Delta R.T.: -0.007 min  
Response: 2369254  
Conc: 17.42 ug/ml



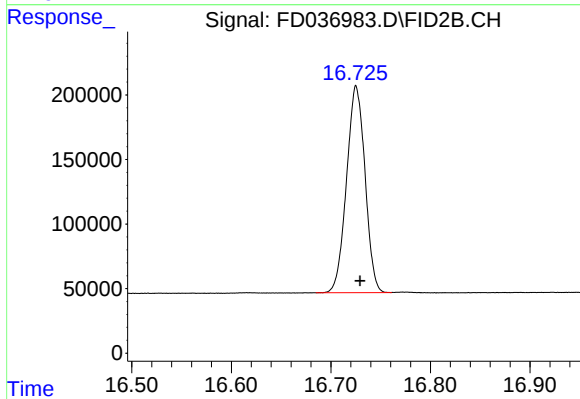
#14 n-Tetracosane (C24)

R.T.: 14.765 min  
Delta R.T.: -0.006 min  
Response: 2245419  
Conc: 16.94 ug/ml



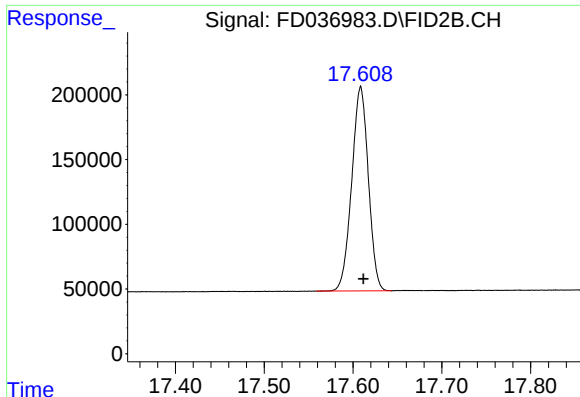
#15 n-Hexacosane (C26)

R.T.: 15.781 min  
Delta R.T.: -0.004 min  
Response: 2130811  
Conc: 16.83 ug/ml



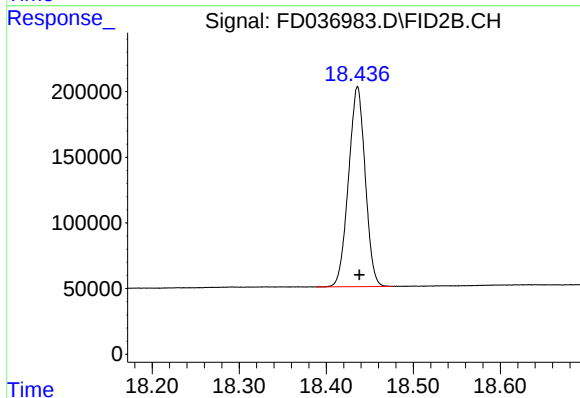
#16 n-Octacosane (C28)

R.T.: 16.725 min  
Delta R.T.: -0.004 min  
Response: 2069884  
Conc: 17.16 ug/ml



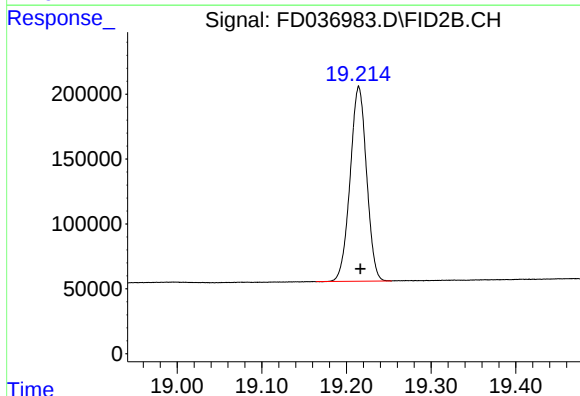
#17 n-Tricontane (C30)

R.T.: 17.609 min  
Delta R.T.: -0.003 min  
Response: 2050705  
Conc: 17.85 ug/ml



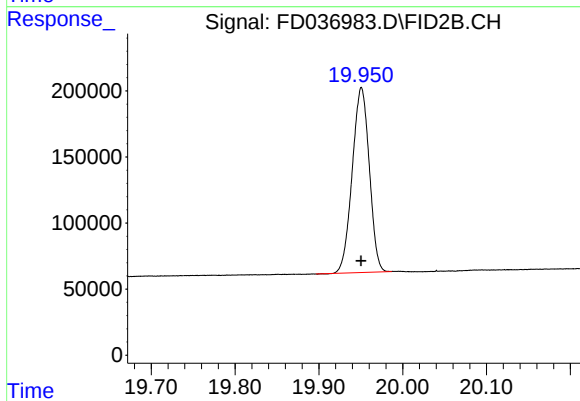
#18 n-Dotriacontane (C32)

R.T.: 18.436 min  
Delta R.T.: -0.002 min  
Response: 2025558  
Conc: 18.42 ug/ml



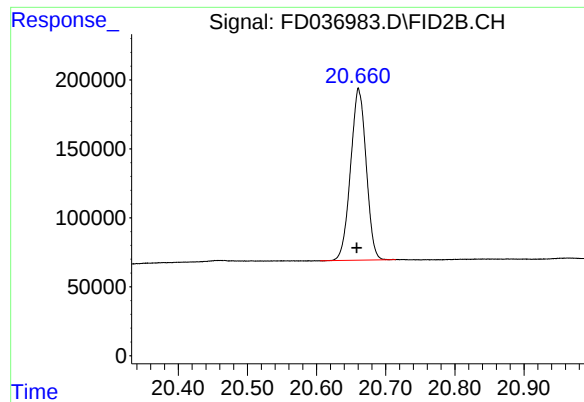
#19 n-Tetratriacontane (C34)

R.T.: 19.215 min  
Delta R.T.: -0.002 min  
Response: 2024462  
Conc: 19.71 ug/ml



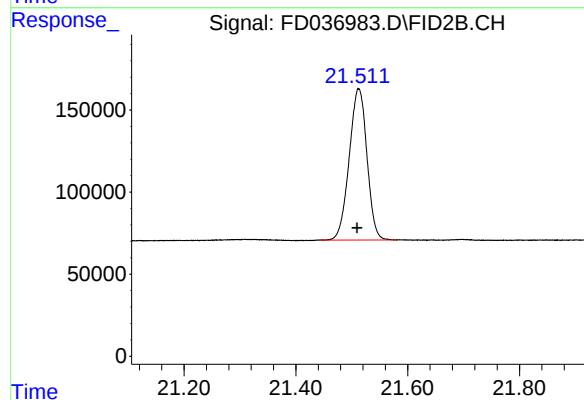
#20 n-Hexatriacontane (C36)

R.T.: 19.951 min  
Delta R.T.: 0.000 min  
Response: 1978643  
Conc: 20.25 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.661 min  
Delta R.T.: 0.003 min  
Response: 1948513  
Conc: 21.07 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.512 min  
Delta R.T.: 0.003 min  
Response: 2031565  
Conc: 20.14 ug/ml