

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD012120AL\  
 Data File : FD032074.D  
 Signal(s) : FID2B.CH  
 Acq On : 21 Jan 2020 20:15  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 60 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Jan 22 01:26:02 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 010620.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Jan 07 01:05:13 2020  
 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)    | 11.536 | 2667495    | 19.309 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.62%       |
| 12) S 1-chlorooctadecane (S... | 12.967 | 2036566    | 18.696 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.39%       |
|                                |        |            |              |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.334  | 2483359    | 21.129 ug/ml |
| 2) T n-Decane (C10)            | 4.398  | 2508105    | 21.290 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.976  | 2812939    | 21.262 ug/ml |
| 4) T n-Dodecane (C12)          | 6.408  | 2544197    | 21.377 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.028  | 2832103    | 21.129 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.194  | 2550844    | 21.017 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.786  | 2543454    | 20.521 ug/ml |
| 8) T n-Octadecane (C18)        | 11.221 | 2514515    | 19.912 ug/ml |
| 10) T n-Eicosane (C20)         | 12.525 | 2464598    | 19.315 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.133 | 2434989    | 18.903 ug/ml |
| 13) T n-Docosane (C22)         | 13.717 | 2434057    | 18.920 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.813 | 2452081    | 18.883 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.829 | 2553914    | 19.815 ug/ml |
| 16) T n-Octacosane (C28)       | 16.774 | 2625081    | 20.594 ug/ml |
| 17) T n-Tricontane (C30)       | 17.657 | 2515157    | 20.517 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.484 | 2128263    | 20.330 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.264 | 1715150    | 19.394 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.999 | 1520054    | 19.287 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.716 | 1419328    | 19.249 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.584 | 1421340    | 18.779 ug/ml |
| -----                          |        |            |              |

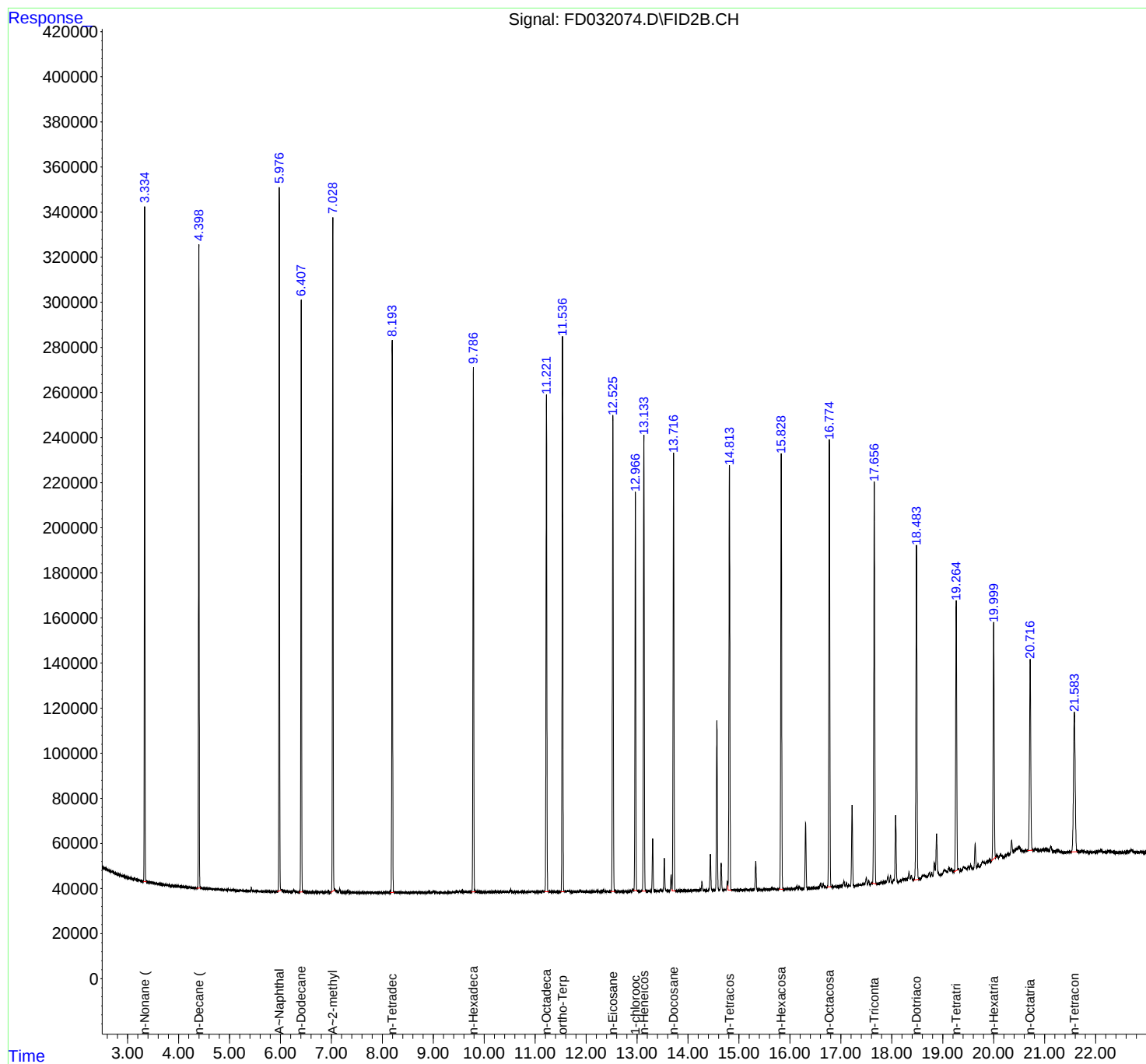
(f)=RT Delta > 1/2 Window

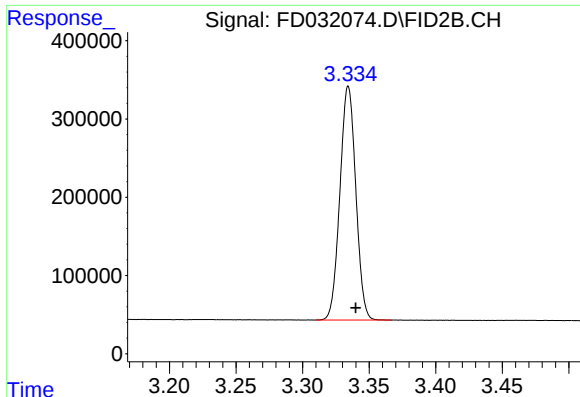
(m)=manual int.

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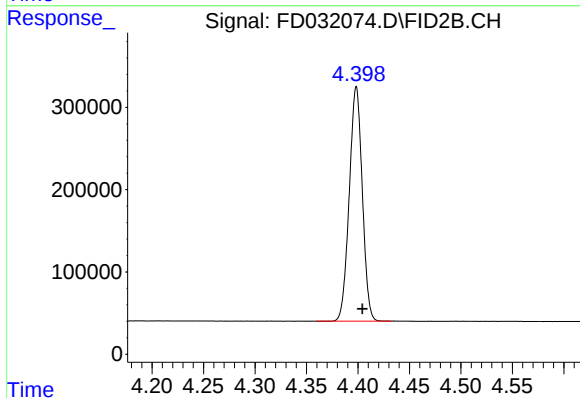
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





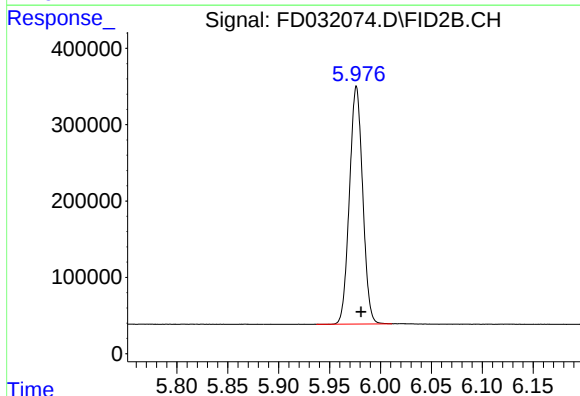
#1 n-Nonane (C9)

R.T.: 3.334 min  
Delta R.T.: -0.006 min  
Response: 2483359  
Conc: 21.13 ug/ml



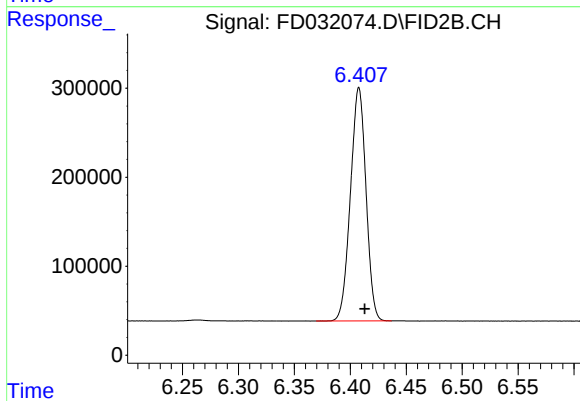
#2 n-Decane (C10)

R.T.: 4.398 min  
Delta R.T.: -0.006 min  
Response: 2508105  
Conc: 21.29 ug/ml



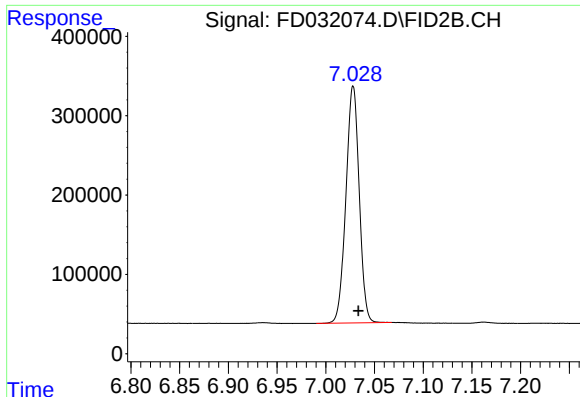
#3 A~Naphthalene (C11.7)

R.T.: 5.976 min  
Delta R.T.: -0.005 min  
Response: 2812939  
Conc: 21.26 ug/ml



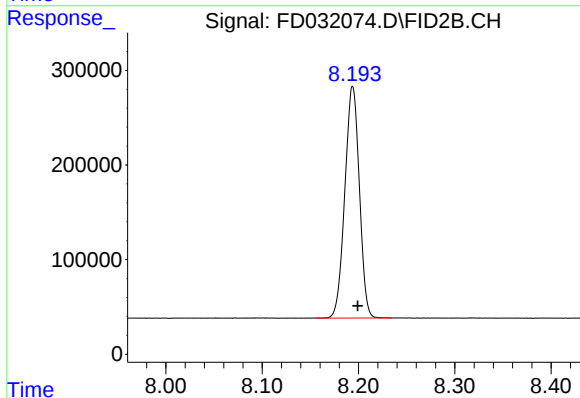
#4 n-Dodecane (C12)

R.T.: 6.408 min  
Delta R.T.: -0.005 min  
Response: 2544197  
Conc: 21.38 ug/ml



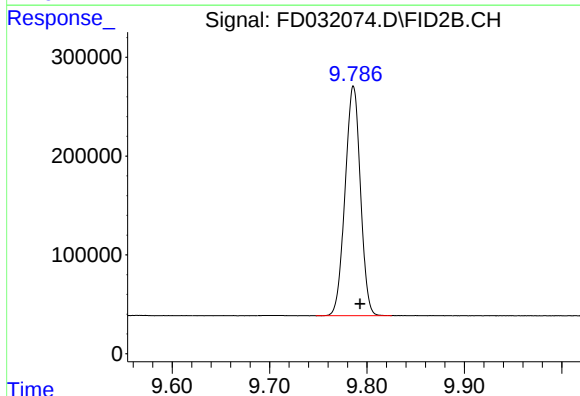
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.028 min  
Delta R.T.: -0.005 min  
Response: 2832103  
Conc: 21.13 ug/ml



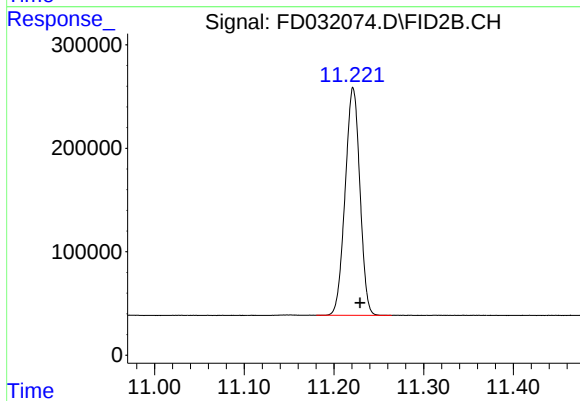
#6 n-Tetradecane (C14)

R.T.: 8.194 min  
Delta R.T.: -0.005 min  
Response: 2550844  
Conc: 21.02 ug/ml



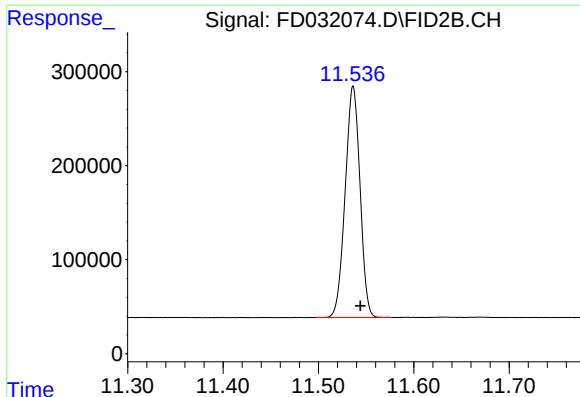
#7 n-Hexadecane (C16)

R.T.: 9.786 min  
Delta R.T.: -0.007 min  
Response: 2543454  
Conc: 20.52 ug/ml



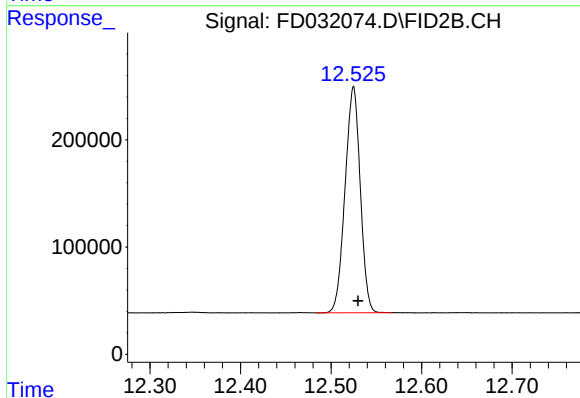
#8 n-Octadecane (C18)

R.T.: 11.221 min  
Delta R.T.: -0.008 min  
Response: 2514515  
Conc: 19.91 ug/ml



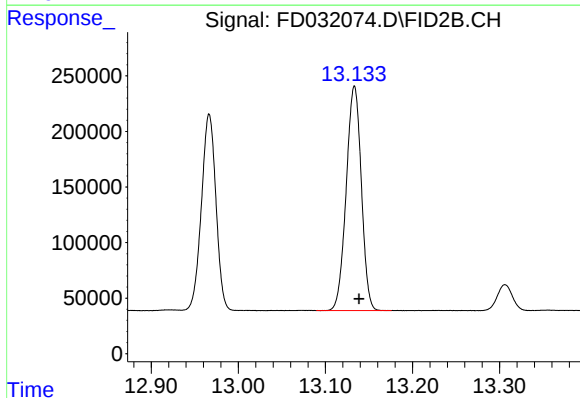
#9 ortho-Terphenyl (SURR)

R.T.: 11.536 min  
Delta R.T.: -0.008 min  
Response: 2667495  
Conc: 19.31 ug/ml



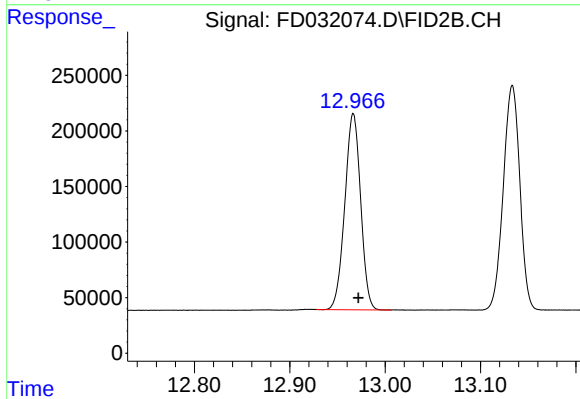
#10 n-Eicosane (C20)

R.T.: 12.525 min  
Delta R.T.: -0.005 min  
Response: 2464598  
Conc: 19.31 ug/ml



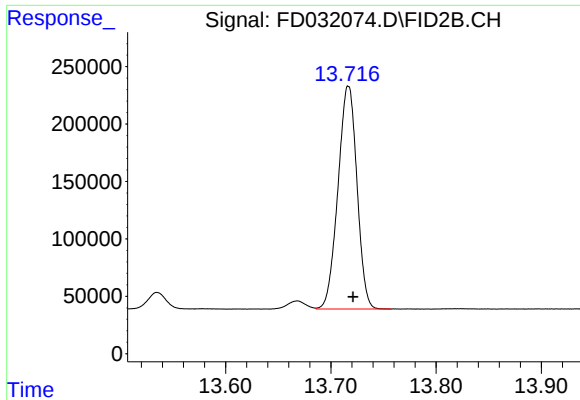
#11 n-Heneicosane (C21)

R.T.: 13.133 min  
Delta R.T.: -0.005 min  
Response: 2434989  
Conc: 18.90 ug/ml



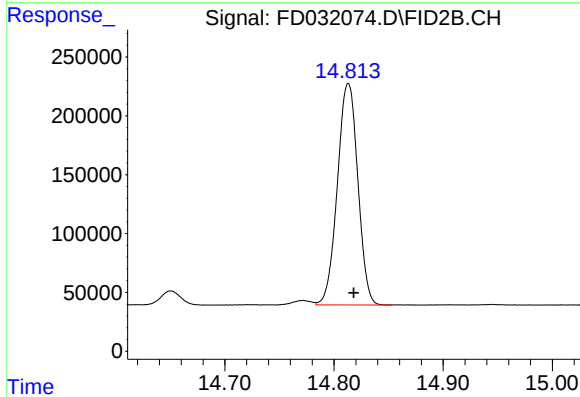
#12 1-chlorooctadecane (SURR)

R.T.: 12.967 min  
Delta R.T.: -0.005 min  
Response: 2036566  
Conc: 18.70 ug/ml



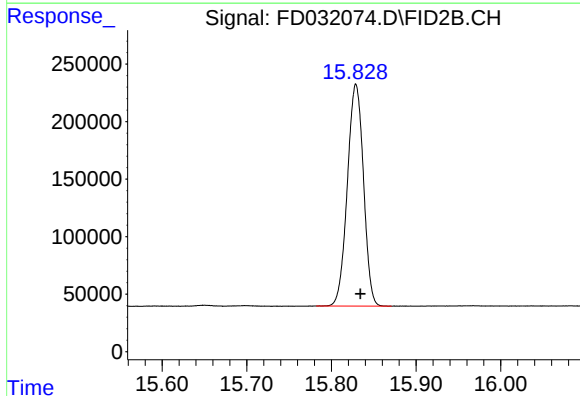
#13 n-Docosane (C22)

R.T.: 13.717 min  
Delta R.T.: -0.004 min  
Response: 2434057  
Conc: 18.92 ug/ml



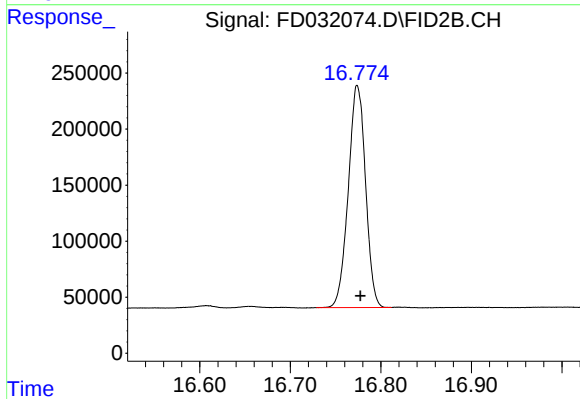
#14 n-Tetracosane (C24)

R.T.: 14.813 min  
Delta R.T.: -0.005 min  
Response: 2452081  
Conc: 18.88 ug/ml



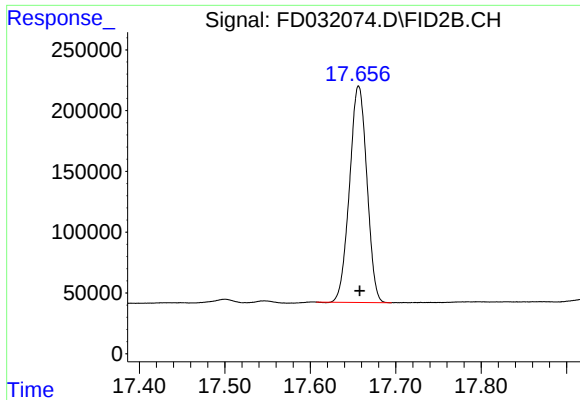
#15 n-Hexacosane (C26)

R.T.: 15.829 min  
Delta R.T.: -0.005 min  
Response: 2553914  
Conc: 19.81 ug/ml



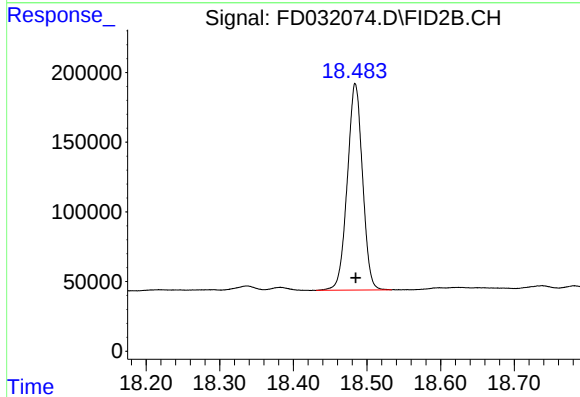
#16 n-Octacosane (C28)

R.T.: 16.774 min  
Delta R.T.: -0.004 min  
Response: 2625081  
Conc: 20.59 ug/ml



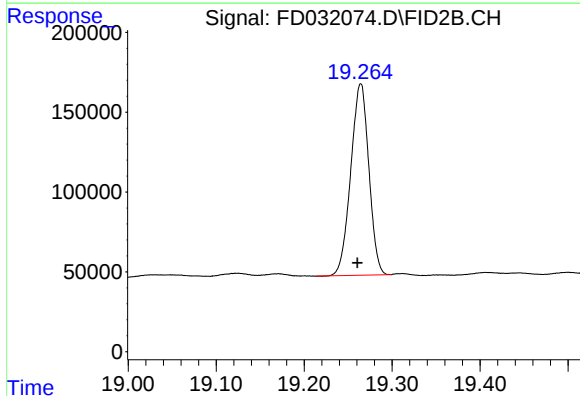
#17 n-Tricontane (C30)

R.T.: 17.657 min  
Delta R.T.: -0.001 min  
Response: 2515157  
Conc: 20.52 ug/ml



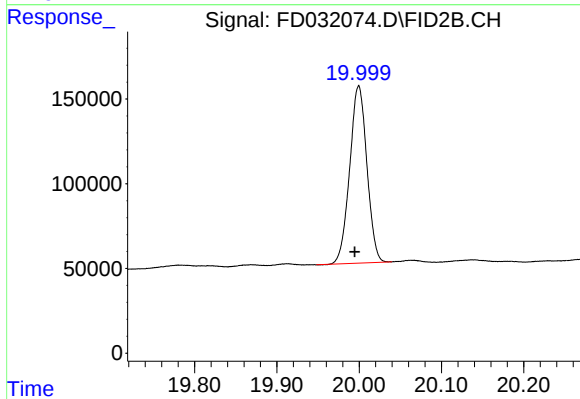
#18 n-Dotriacontane (C32)

R.T.: 18.484 min  
Delta R.T.: 0.000 min  
Response: 2128263  
Conc: 20.33 ug/ml



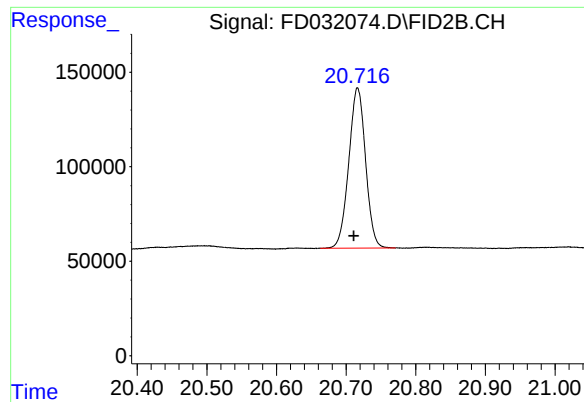
#19 n-Tetratriacontane (C34)

R.T.: 19.264 min  
Delta R.T.: 0.004 min  
Response: 1715150  
Conc: 19.39 ug/ml



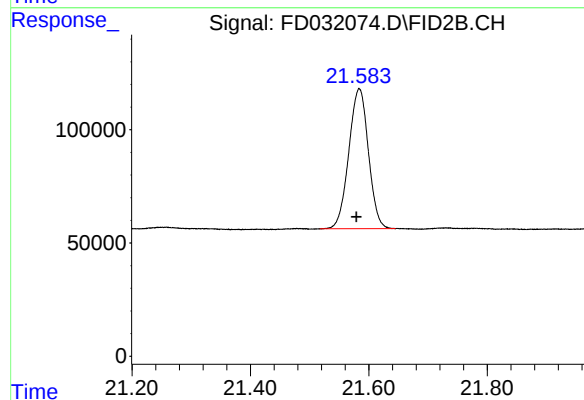
#20 n-Hexatriacontane (C36)

R.T.: 19.999 min  
Delta R.T.: 0.005 min  
Response: 1520054  
Conc: 19.29 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.716 min  
Delta R.T.: 0.006 min  
Response: 1419328  
Conc: 19.25 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.584 min  
Delta R.T.: 0.005 min  
Response: 1421340  
Conc: 18.78 ug/ml