

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD050920AL\  
 Data File : FD033417.D  
 Signal(s) : FID2B.CH  
 Acq On : 10 May 2020 6:18  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E  
 Quant Time: May 11 02:27:21 2020  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 050620.M  
 Quant Title : GC Extractables  
 QLast Update : Thu May 07 05:16:45 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)    | 11.481 | 2689351    | 19.565 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 39.13%       |
| 12) S 1-chlorooctadecane (S... | 12.912 | 2176253    | 18.919 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 37.84%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.295  | 2459970    | 21.288 ug/ml |
| 2) T n-Decane (C10)            | 4.355  | 2496914    | 21.436 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.929  | 2702650    | 21.797 ug/ml |
| 4) T n-Dodecane (C12)          | 6.359  | 2564401    | 21.444 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.978  | 2750223    | 21.866 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.143  | 2574073    | 21.171 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.734  | 2512431    | 20.715 ug/ml |
| 8) T n-Octadecane (C18)        | 11.168 | 2585084    | 19.918 ug/ml |
| 10) T n-Eicosane (C20)         | 12.470 | 2563966    | 19.237 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.079 | 2536357    | 18.923 ug/ml |
| 13) T n-Docosane (C22)         | 13.662 | 2505547    | 18.626 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.760 | 2444722    | 18.053 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.776 | 2366457    | 17.553 ug/ml |
| 16) T n-Octacosane (C28)       | 16.720 | 2309452    | 17.114 ug/ml |
| 17) T n-Tricontane (C30)       | 17.604 | 2219915    | 16.853 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.431 | 2058261    | 17.031 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.210 | 1932871    | 16.979 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.946 | 1967561    | 18.386 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.657 | 1800754    | 17.865 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.508 | 2069912    | 20.723 ug/ml |
| -----                          |        |            |              |

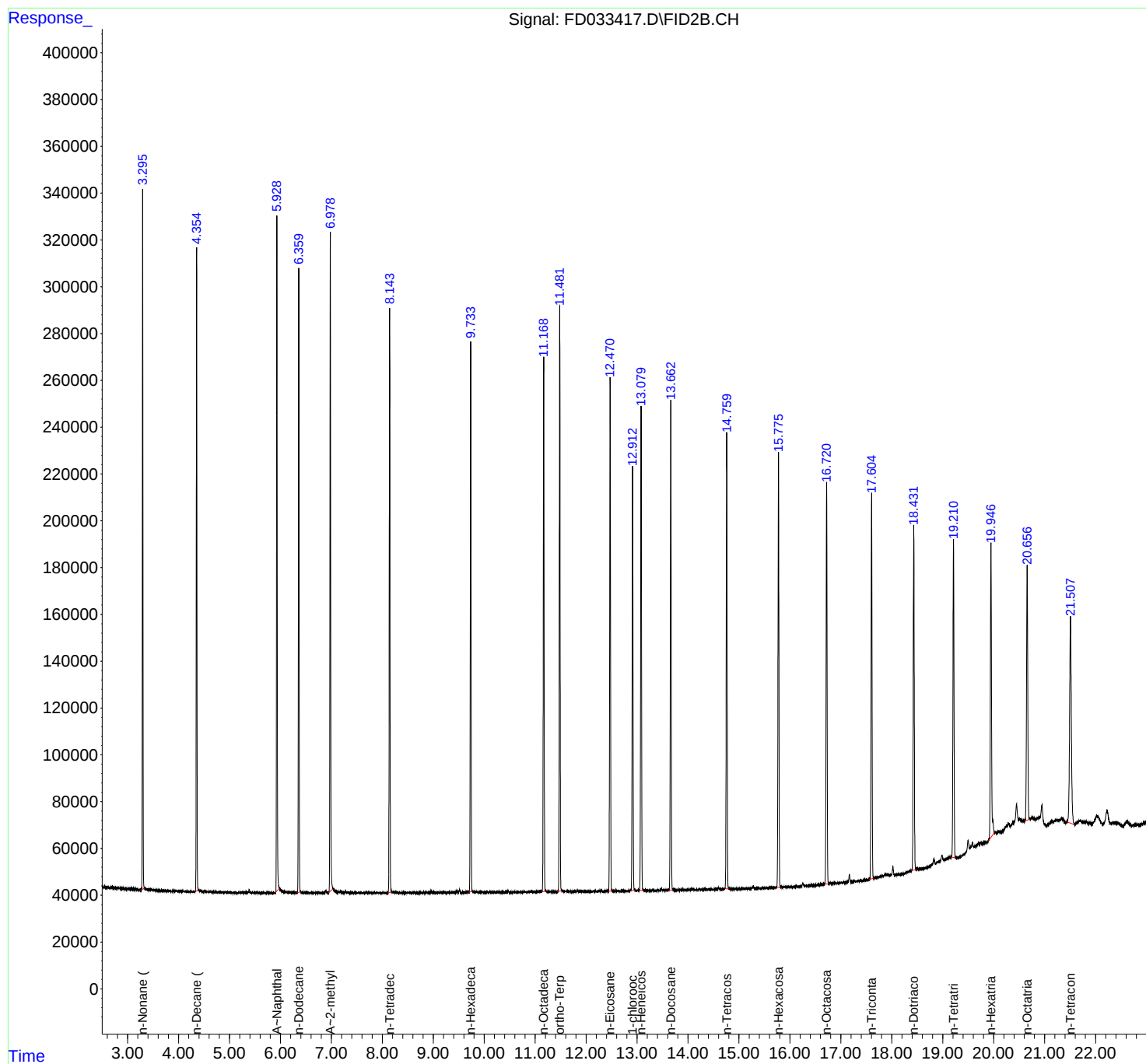
(f)=RT Delta > 1/2 Window

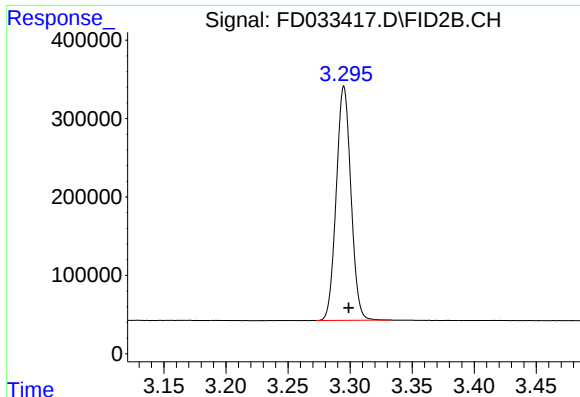
(m)=manual int.

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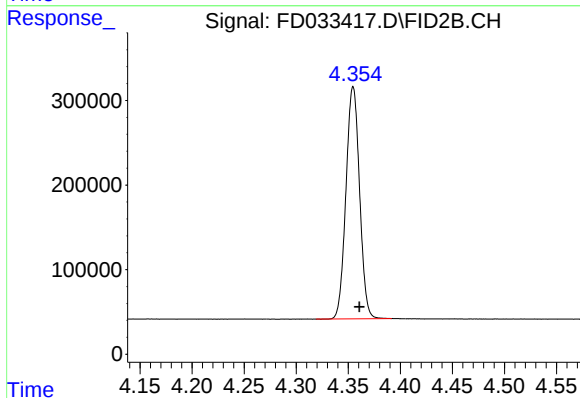
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





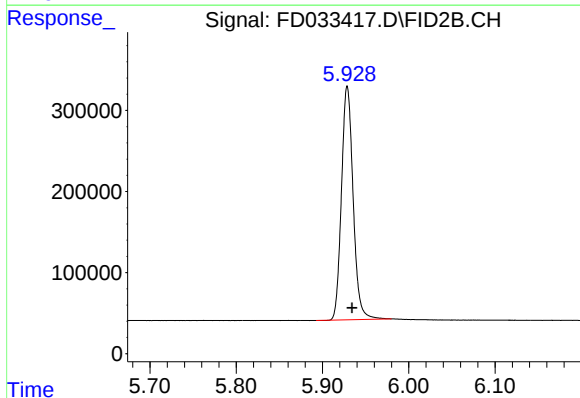
#1 n-Nonane (C9)

R.T.: 3.295 min  
Delta R.T.: -0.004 min  
Response: 2459970  
Conc: 21.29 ug/ml



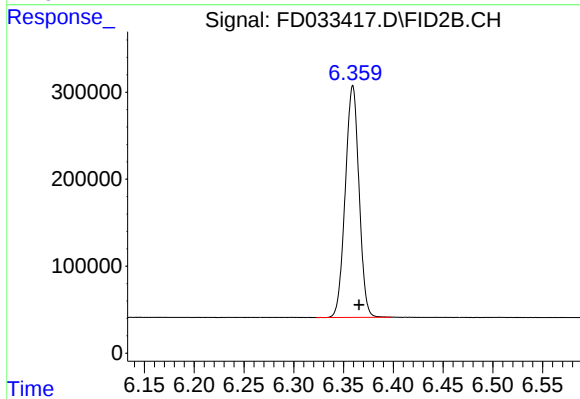
#2 n-Decane (C10)

R.T.: 4.355 min  
Delta R.T.: -0.006 min  
Response: 2496914  
Conc: 21.44 ug/ml



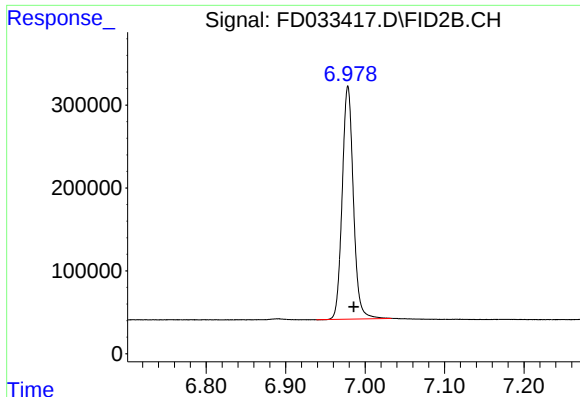
#3 A~Naphthalene (C11.7)

R.T.: 5.929 min  
Delta R.T.: -0.005 min  
Response: 2702650  
Conc: 21.80 ug/ml



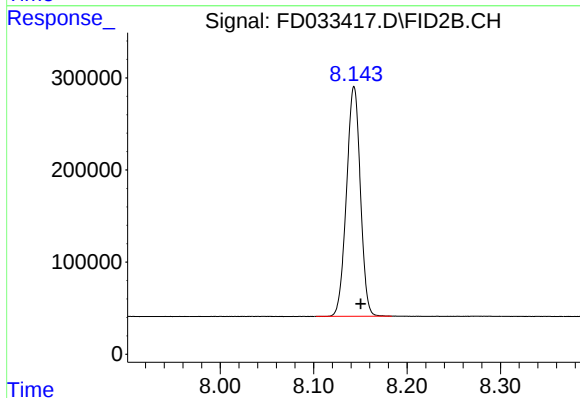
#4 n-Dodecane (C12)

R.T.: 6.359 min  
Delta R.T.: -0.006 min  
Response: 2564401  
Conc: 21.44 ug/ml



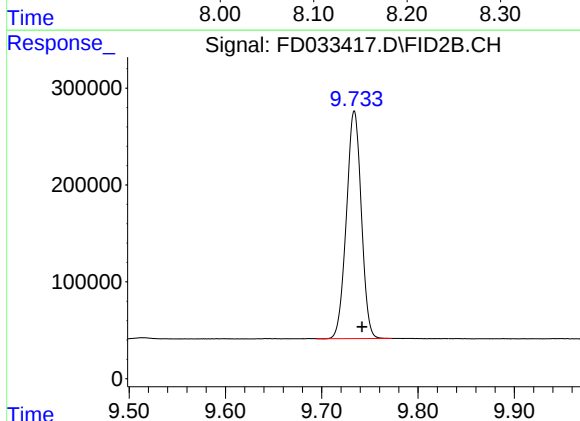
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.978 min  
Delta R.T.: -0.007 min  
Response: 2750223  
Conc: 21.87 ug/ml



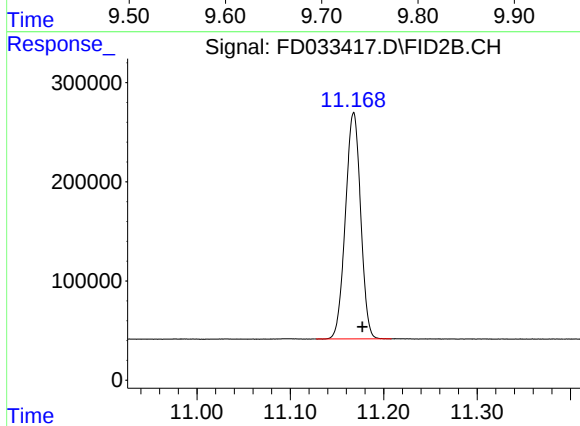
#6 n-Tetradecane (C14)

R.T.: 8.143 min  
Delta R.T.: -0.007 min  
Response: 2574073  
Conc: 21.17 ug/ml



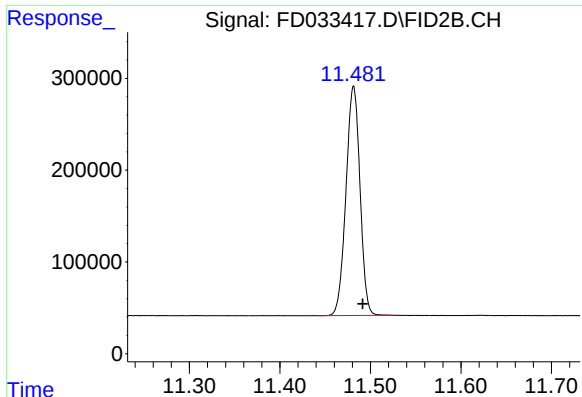
#7 n-Hexadecane (C16)

R.T.: 9.734 min  
Delta R.T.: -0.008 min  
Response: 2512431  
Conc: 20.72 ug/ml



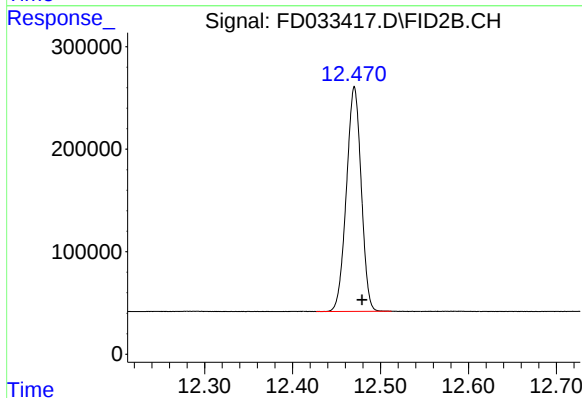
#8 n-Octadecane (C18)

R.T.: 11.168 min  
Delta R.T.: -0.009 min  
Response: 2585084  
Conc: 19.92 ug/ml



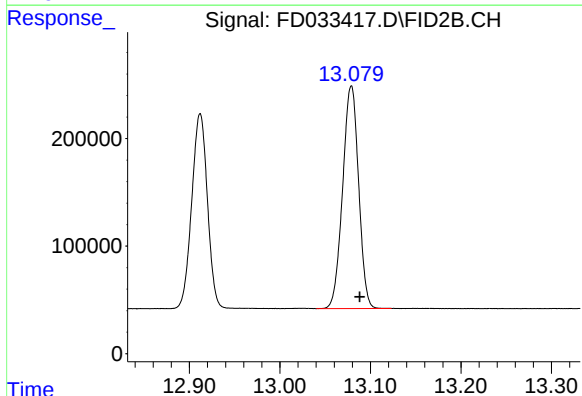
#9 ortho-Terphenyl (SURR)

R.T.: 11.481 min  
Delta R.T.: -0.010 min  
Response: 2689351  
Conc: 19.56 ug/ml



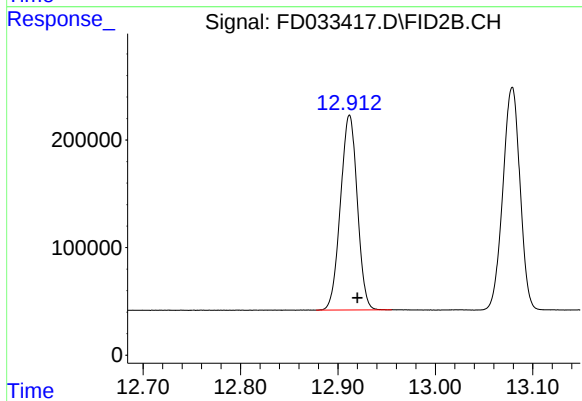
#10 n-Eicosane (C20)

R.T.: 12.470 min  
Delta R.T.: -0.009 min  
Response: 2563966  
Conc: 19.24 ug/ml



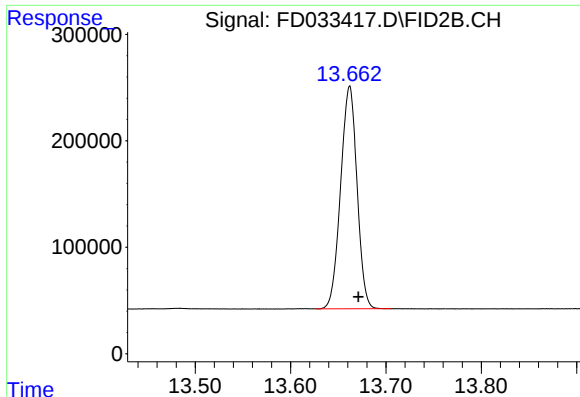
#11 n-Heneicosane (C21)

R.T.: 13.079 min  
Delta R.T.: -0.009 min  
Response: 2536357  
Conc: 18.92 ug/ml



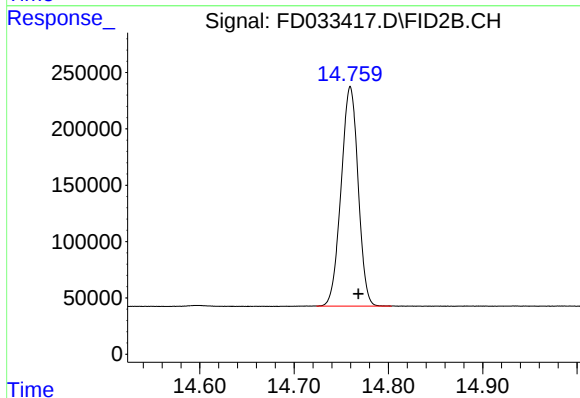
#12 1-chlorooctadecane (SURR)

R.T.: 12.912 min  
Delta R.T.: -0.008 min  
Response: 2176253  
Conc: 18.92 ug/ml



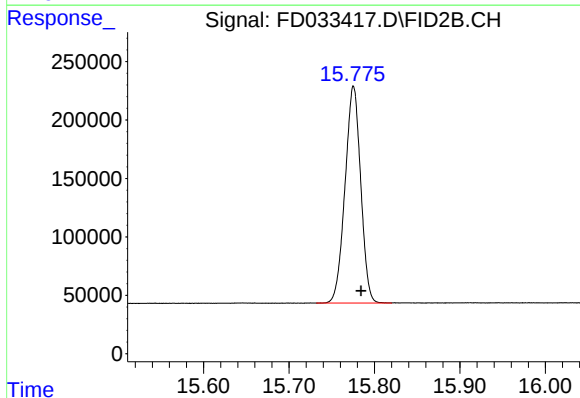
#13 n-Docosane (C22)

R.T.: 13.662 min  
Delta R.T.: -0.009 min  
Response: 2505547  
Conc: 18.63 ug/ml



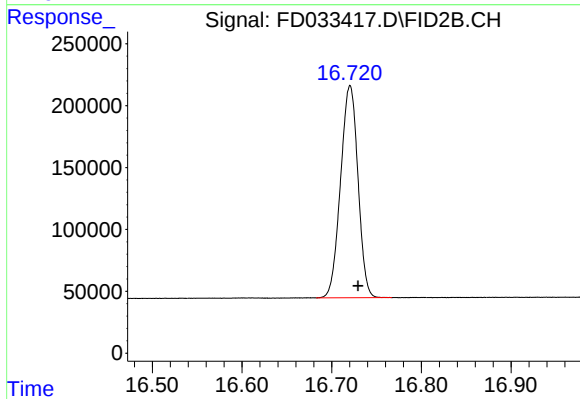
#14 n-Tetracosane (C24)

R.T.: 14.760 min  
Delta R.T.: -0.009 min  
Response: 2444722  
Conc: 18.05 ug/ml



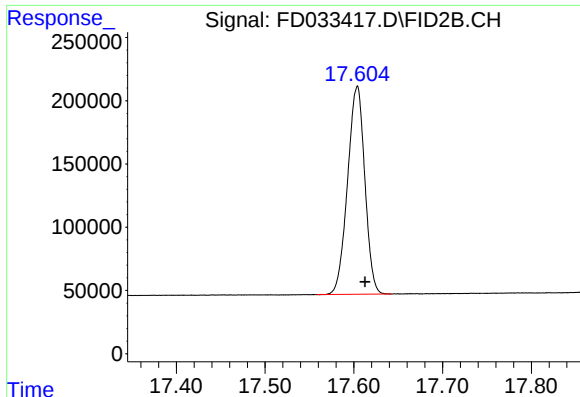
#15 n-Hexacosane (C26)

R.T.: 15.776 min  
Delta R.T.: -0.009 min  
Response: 2366457  
Conc: 17.55 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.720 min  
Delta R.T.: -0.009 min  
Response: 2309452  
Conc: 17.11 ug/ml



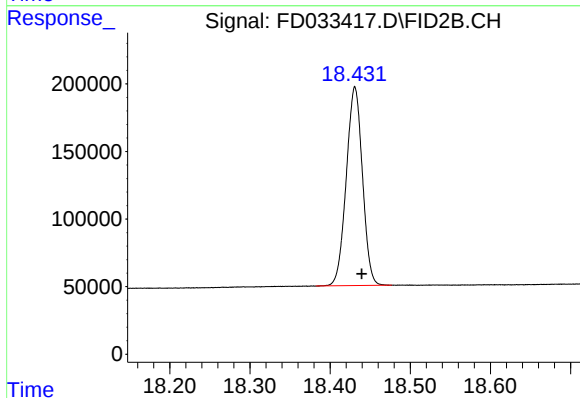
#17 n-Tricontane (C30)

R.T.: 17.604 min

Delta R.T.: -0.009 min

Response: 2219915

Conc: 16.85 ug/ml



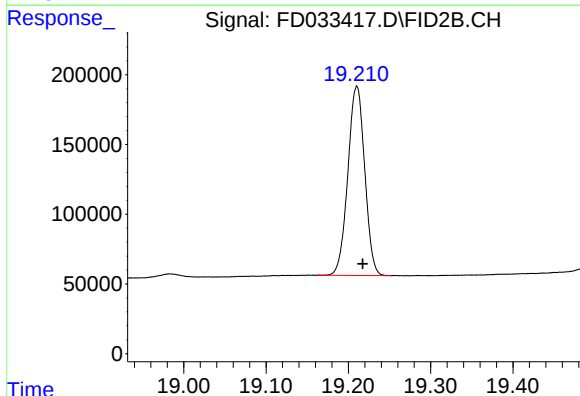
#18 n-Dotriacontane (C32)

R.T.: 18.431 min

Delta R.T.: -0.009 min

Response: 2058261

Conc: 17.03 ug/ml



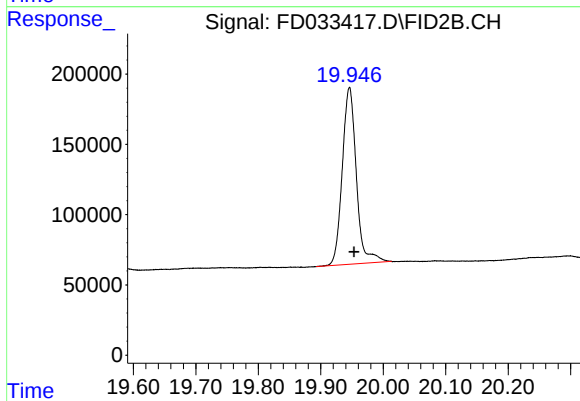
#19 n-Tetratriacontane (C34)

R.T.: 19.210 min

Delta R.T.: -0.007 min

Response: 1932871

Conc: 16.98 ug/ml



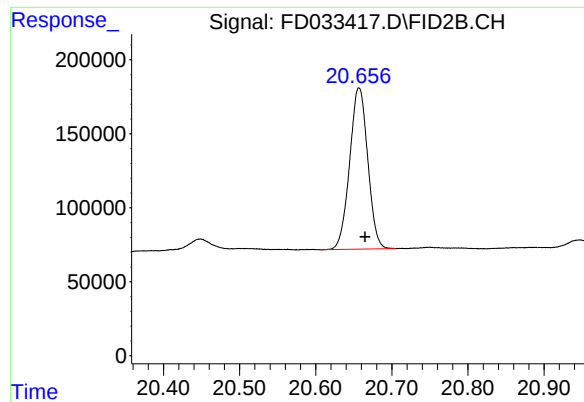
#20 n-Hexatriacontane (C36)

R.T.: 19.946 min

Delta R.T.: -0.007 min

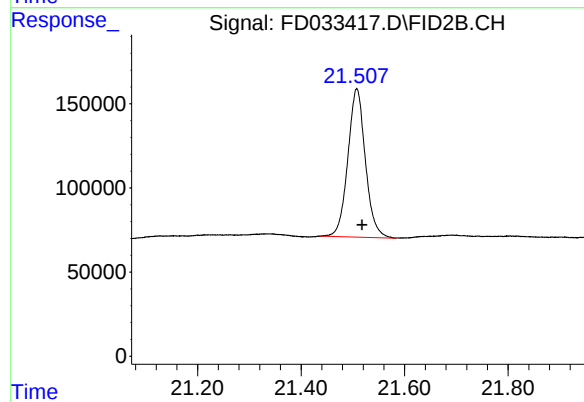
Response: 1967561

Conc: 18.39 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.657 min  
Delta R.T.: -0.008 min  
Response: 1800754  
Conc: 17.87 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.508 min  
Delta R.T.: -0.010 min  
Response: 2069912  
Conc: 20.72 ug/ml