

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_E\Data\FE121321AL\  
 Data File : FE034563.D  
 Signal(s) : FID1B.CH  
 Acq On : 13 Dec 2021 23:34  
 Operator : AJ\MA  
 Sample : 50 PPM ALIPHATIC HC STD2  
 Misc :  
 ALS Vial : 3 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Dec 14 05:55:33 2021  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_E\methods\Aliphatic EPH 121321.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Dec 14 05:55:08 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)    | 11.658 | 6201709    | 51.059 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 102.12%      |
| 12) S 1-chlorooctadecane (S... | 13.083 | 4910347    | 51.213 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 102.43%      |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.394  | 5505187    | 50.999 ug/ml |
| 2) T n-Decane (C10)            | 4.467  | 5541807    | 50.972 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.068  | 6248306    | 50.887 ug/ml |
| 4) T n-Dodecane (C12)          | 6.489  | 5504998    | 51.016 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.125  | 6285423    | 50.917 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.285  | 5536314    | 51.000 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.886  | 5582495    | 51.042 ug/ml |
| 8) T n-Octadecane (C18)        | 11.327 | 5754911    | 51.146 ug/ml |
| 10) T n-Eicosane (C20)         | 12.635 | 5739670    | 51.104 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.247 | 5813073    | 51.120 ug/ml |
| 13) T n-Docosane (C22)         | 13.833 | 5790585    | 51.115 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.935 | 5852072    | 50.951 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.956 | 5772882    | 50.987 ug/ml |
| 16) T n-Octacosane (C28)       | 16.905 | 5730509    | 50.887 ug/ml |
| 17) T n-Tricontane (C30)       | 17.792 | 5629756    | 50.461 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.626 | 5372990    | 50.350 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.407 | 5166269    | 50.373 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.146 | 4773761    | 49.777 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.894 | 4314610    | 50.515 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.828 | 4009253    | 50.827 ug/ml |
| -----                          |        |            |              |

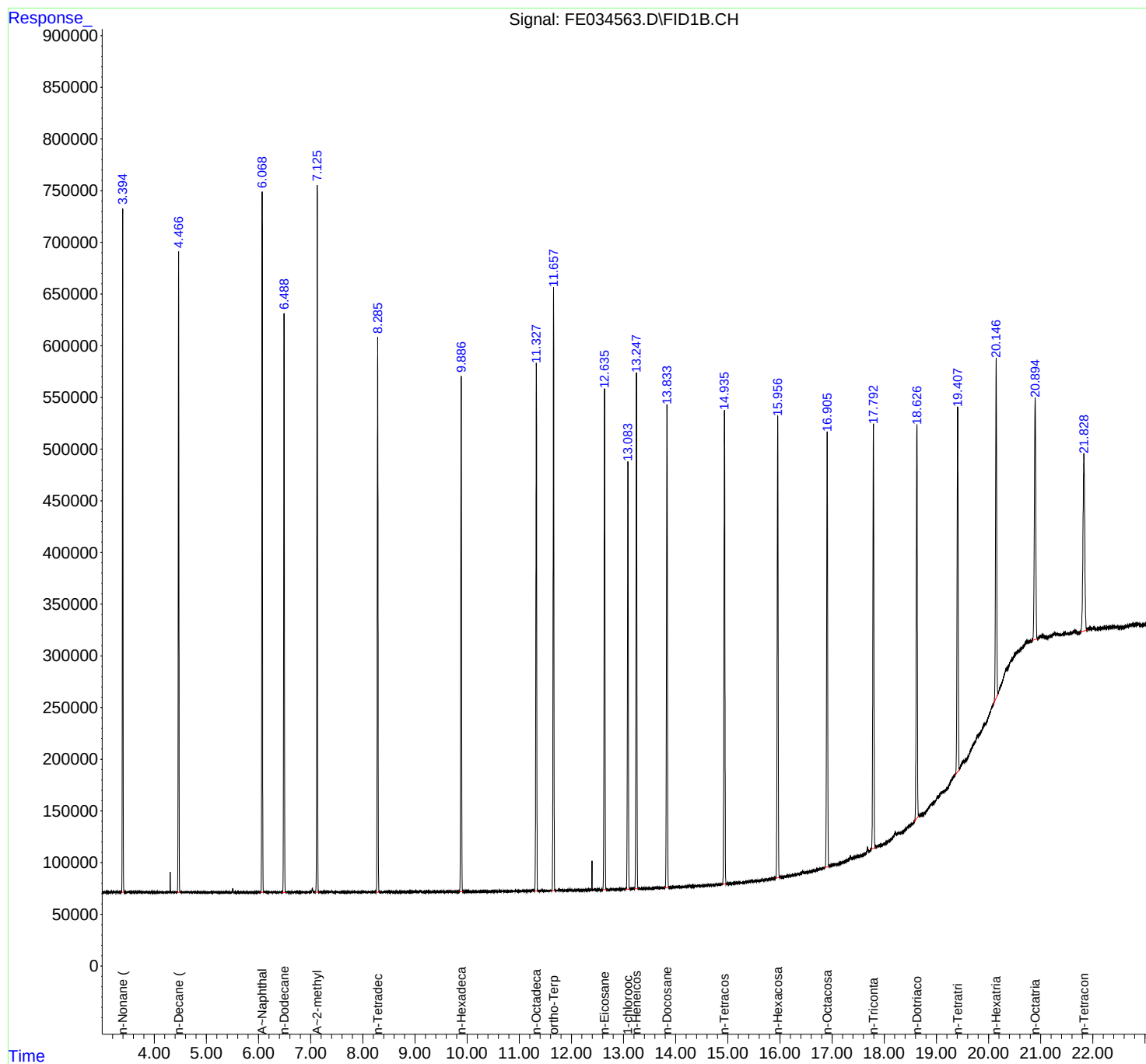
(f)=RT Delta > 1/2 Window

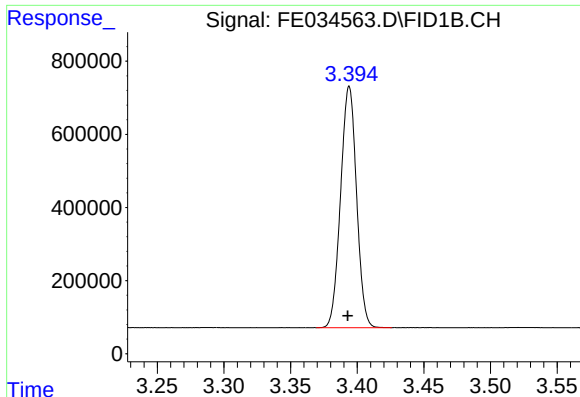
(m)=manual int.

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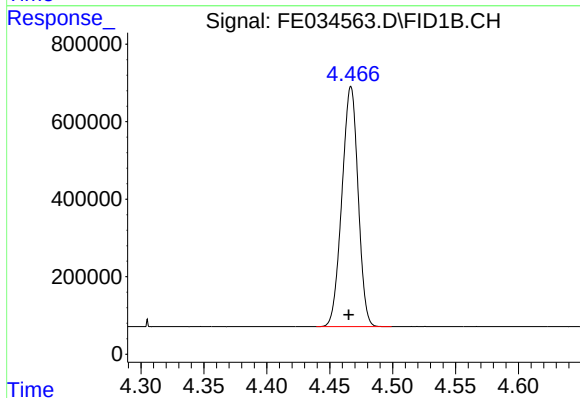
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





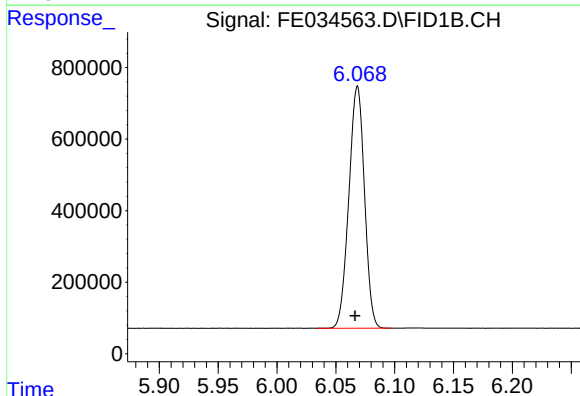
#1 n-Nonane (C9)

R.T.: 3.394 min  
Delta R.T.: 0.001 min  
Response: 5505187  
Conc: 51.00 ug/ml



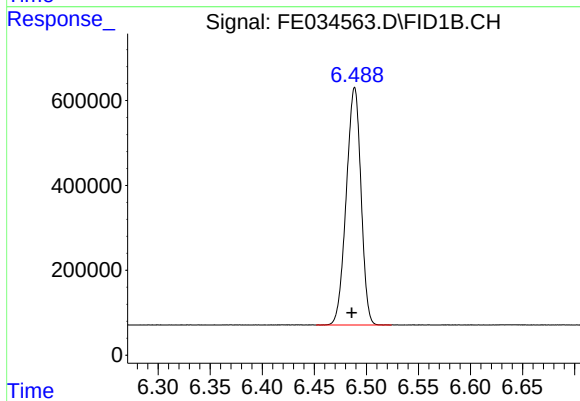
#2 n-Decane (C10)

R.T.: 4.467 min  
Delta R.T.: 0.002 min  
Response: 5541807  
Conc: 50.97 ug/ml



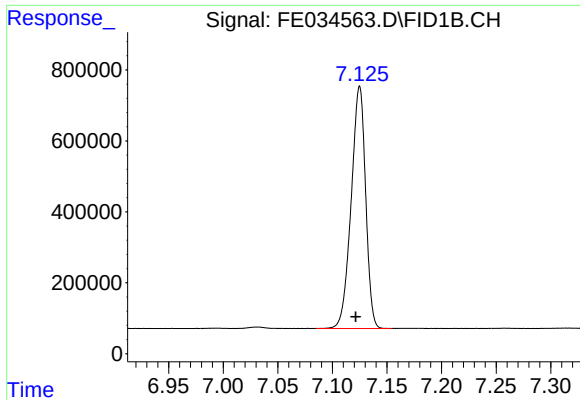
#3 A~Naphthalene (C11.7)

R.T.: 6.068 min  
Delta R.T.: 0.002 min  
Response: 6248306  
Conc: 50.89 ug/ml



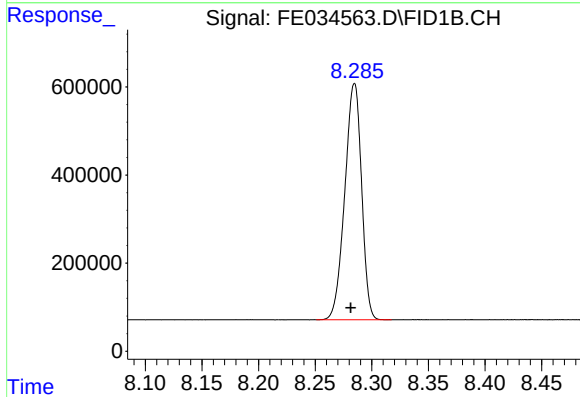
#4 n-Dodecane (C12)

R.T.: 6.489 min  
Delta R.T.: 0.003 min  
Response: 5504998  
Conc: 51.02 ug/ml



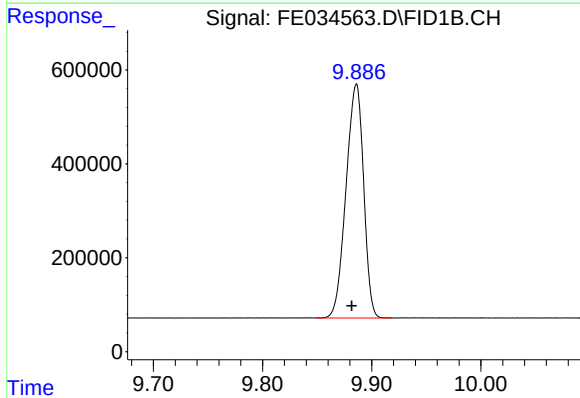
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.125 min  
Delta R.T.: 0.004 min  
Response: 6285423  
Conc: 50.92 ug/ml



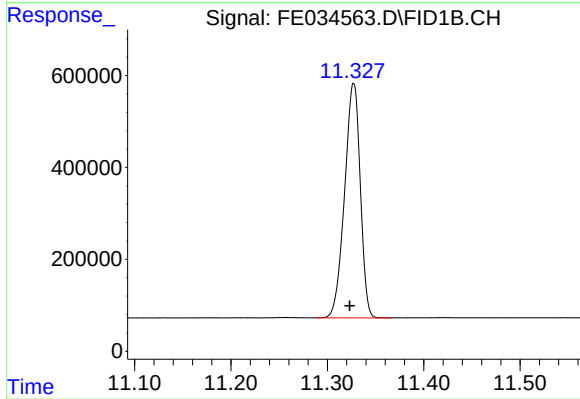
#6 n-Tetradecane (C14)

R.T.: 8.285 min  
Delta R.T.: 0.003 min  
Response: 5536314  
Conc: 51.00 ug/ml



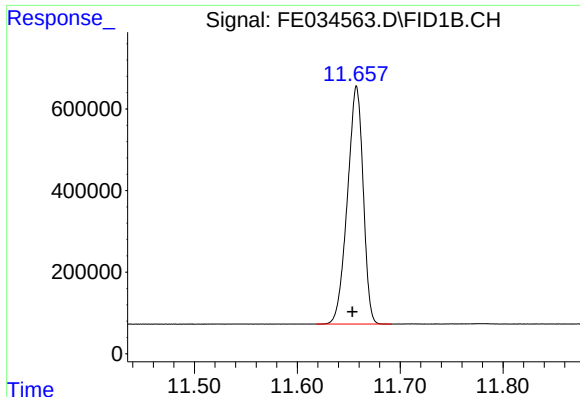
#7 n-Hexadecane (C16)

R.T.: 9.886 min  
Delta R.T.: 0.004 min  
Response: 5582495  
Conc: 51.04 ug/ml



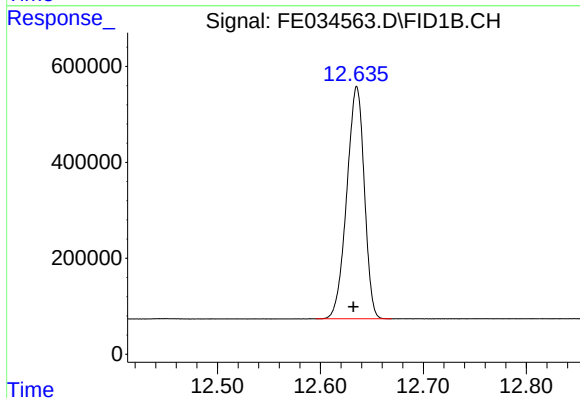
#8 n-Octadecane (C18)

R.T.: 11.327 min  
Delta R.T.: 0.004 min  
Response: 5754911  
Conc: 51.15 ug/ml



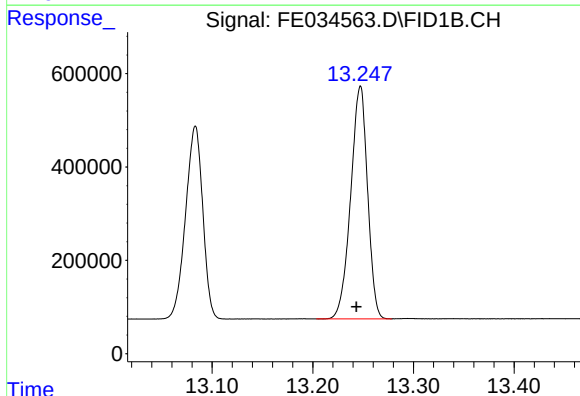
#9 ortho-Terphenyl (SURR)

R.T.: 11.658 min  
Delta R.T.: 0.004 min  
Response: 6201709  
Conc: 51.06 ug/ml



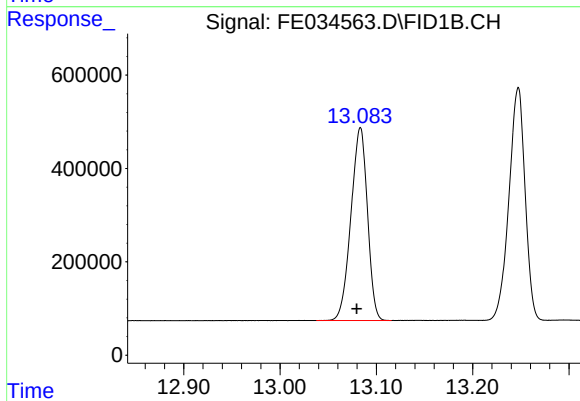
#10 n-Eicosane (C20)

R.T.: 12.635 min  
Delta R.T.: 0.003 min  
Response: 5739670  
Conc: 51.10 ug/ml



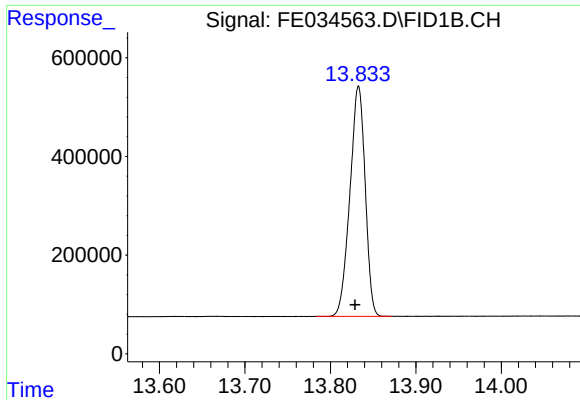
#11 n-Heneicosane (C21)

R.T.: 13.247 min  
Delta R.T.: 0.004 min  
Response: 5813073  
Conc: 51.12 ug/ml



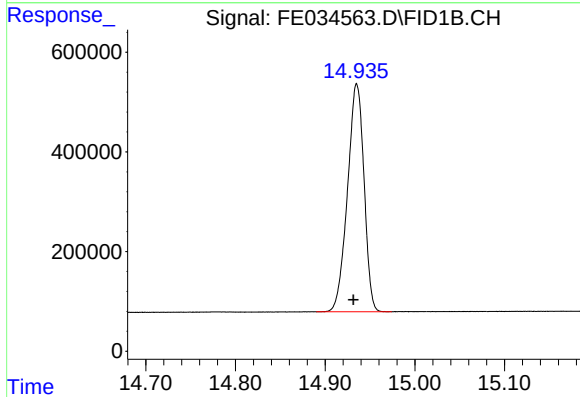
#12 1-chlorooctadecane (SURR)

R.T.: 13.083 min  
Delta R.T.: 0.004 min  
Response: 4910347  
Conc: 51.21 ug/ml



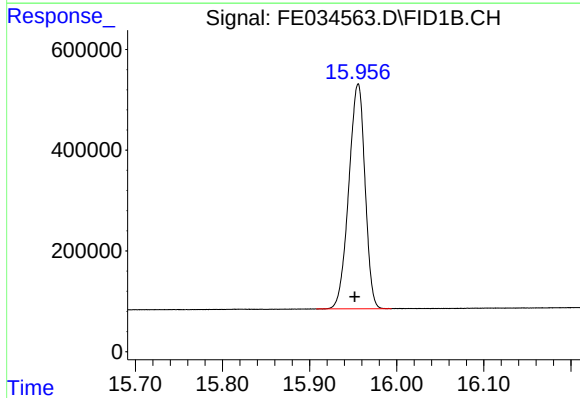
#13 n-Docosane (C22)

R.T.: 13.833 min  
Delta R.T.: 0.004 min  
Response: 5790585  
Conc: 51.12 ug/ml



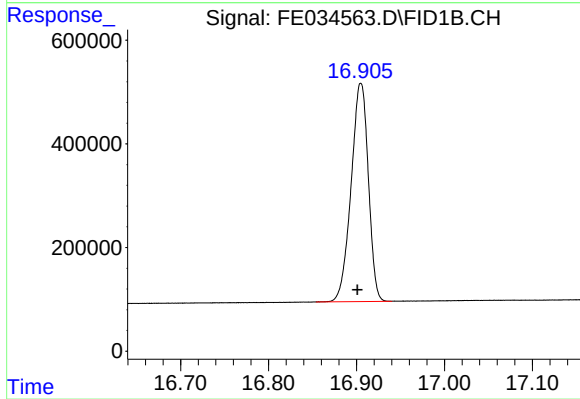
#14 n-Tetracosane (C24)

R.T.: 14.935 min  
Delta R.T.: 0.003 min  
Response: 5852072  
Conc: 50.95 ug/ml



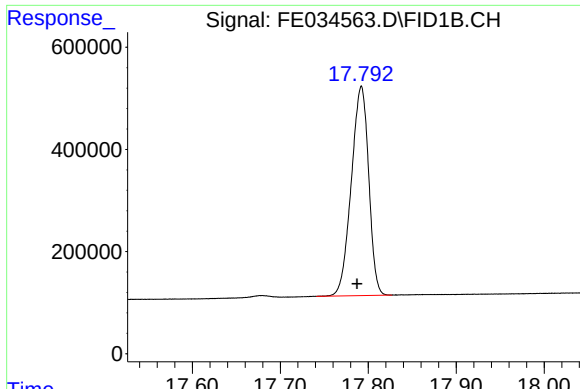
#15 n-Hexacosane (C26)

R.T.: 15.956 min  
Delta R.T.: 0.004 min  
Response: 5772882  
Conc: 50.99 ug/ml



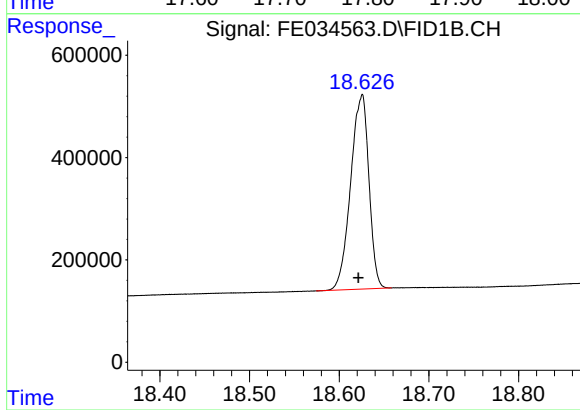
#16 n-Octacosane (C28)

R.T.: 16.905 min  
Delta R.T.: 0.004 min  
Response: 5730509  
Conc: 50.89 ug/ml



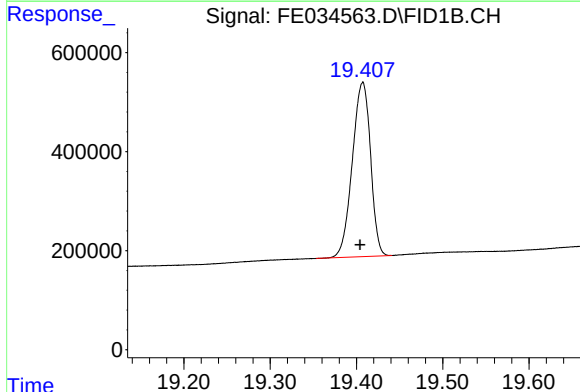
#17 n-Tricontane (C30)

R.T.: 17.792 min  
Delta R.T.: 0.005 min  
Response: 5629756  
Conc: 50.46 ug/ml



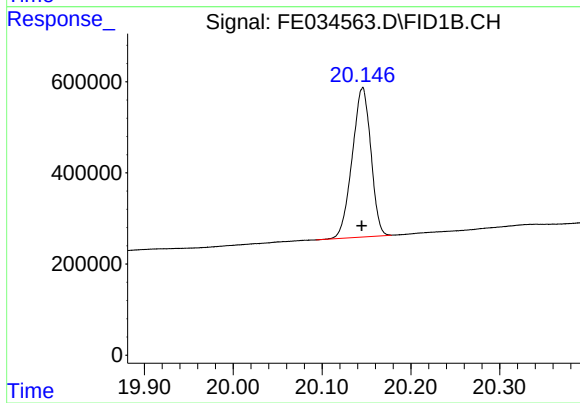
#18 n-Dotriacontane (C32)

R.T.: 18.626 min  
Delta R.T.: 0.004 min  
Response: 5372990  
Conc: 50.35 ug/ml



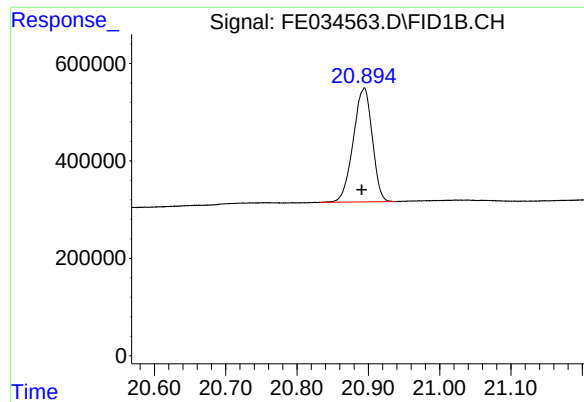
#19 n-Tetratriacontane (C34)

R.T.: 19.407 min  
Delta R.T.: 0.003 min  
Response: 5166269  
Conc: 50.37 ug/ml



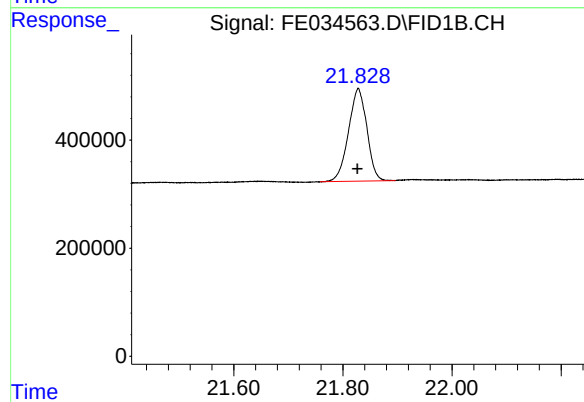
#20 n-Hexatriacontane (C36)

R.T.: 20.146 min  
Delta R.T.: 0.001 min  
Response: 4773761  
Conc: 49.78 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.894 min  
Delta R.T.: 0.004 min  
Response: 4314610  
Conc: 50.51 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.828 min  
Delta R.T.: 0.001 min  
Response: 4009253  
Conc: 50.83 ug/ml