

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD090319AL\  
 Data File : FD030468.D  
 Signal(s) : FID2B.CH  
 Acq On : 04 Sep 2019 00:22  
 Operator : DD\AJ  
 Sample : 100 PPM ALIPHATIC HC STD1  
 Misc :  
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Sep 04 04:00:13 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 090319.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Sep 04 03:58:03 2019  
 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)    | 11.518 | 14302131   | 99.976 ug/ml  |
| Spiked Amount 50.000           |        | Recovery = | 199.95%       |
| 12) S 1-chlorooctadecane (S... | 12.942 | 10768547   | 100.036 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 200.07%       |
| Target Compounds               |        |            |               |
| 1) T n-Nonane (C9)             | 3.323  | 12255064   | 100.385 ug/ml |
| 2) T n-Decane (C10)            | 4.383  | 12310452   | 100.577 ug/ml |
| 3) T A-Naphthalene (C11.7)     | 5.957  | 13926309   | 101.332 ug/ml |
| 4) T n-Dodecane (C12)          | 6.389  | 12470258   | 100.776 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.009  | 14011665   | 100.518 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.175  | 12563859   | 100.789 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.767  | 12605012   | 100.299 ug/ml |
| 8) T n-Octadecane (C18)        | 11.203 | 12613961   | 100.041 ug/ml |
| 10) T n-Eicosane (C20)         | 12.502 | 12529524   | 99.797 ug/ml  |
| 11) T n-Heneicosane (C21)      | 13.110 | 12590794   | 99.887 ug/ml  |
| 13) T n-Docosane (C22)         | 13.692 | 12491709   | 99.668 ug/ml  |
| 14) T n-Tetracosane (C24)      | 14.787 | 12433749   | 99.668 ug/ml  |
| 15) T n-Hexacosane (C26)       | 15.800 | 12157468   | 99.482 ug/ml  |
| 16) T n-Octacosane (C28)       | 16.742 | 11806015   | 99.070 ug/ml  |
| 17) T n-Tricontane (C30)       | 17.621 | 11492456   | 98.529 ug/ml  |
| 18) T n-Dotriacontane (C32)    | 18.447 | 10954723   | 97.986 ug/ml  |
| 19) T n-Tetratriacontane (C34) | 19.223 | 10521232   | 98.524 ug/ml  |
| 20) T n-Hexatriacontane (C36)  | 19.956 | 10051986   | 98.028 ug/ml  |
| 21) T n-Octatriacontane (C38)  | 20.666 | 9430035    | 98.635 ug/ml  |
| 22) T n-Tetracontane (C40)     | 21.524 | 9704487    | 98.727 ug/ml  |
| -----                          |        |            |               |

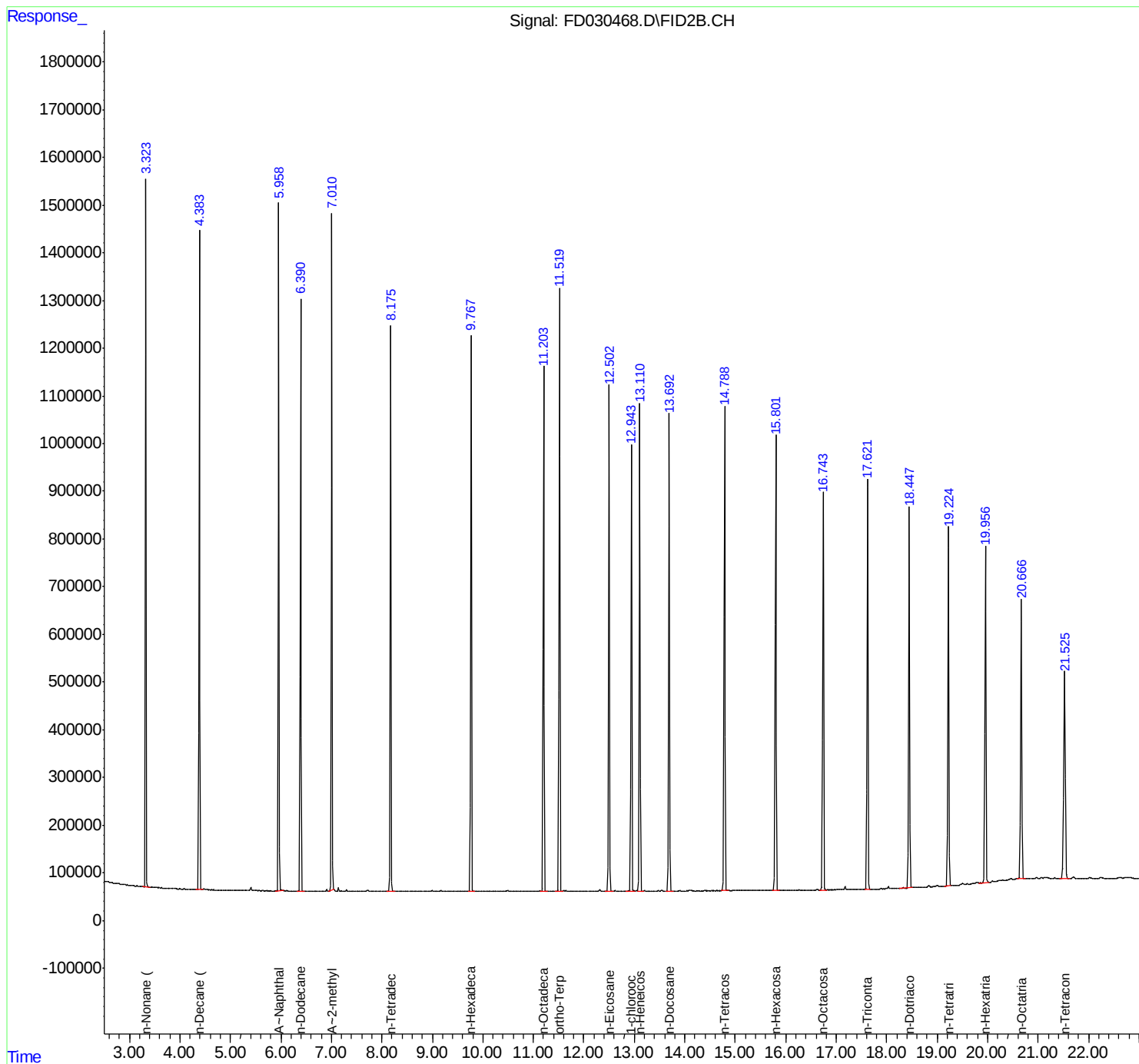
(f)=RT Delta > 1/2 Window

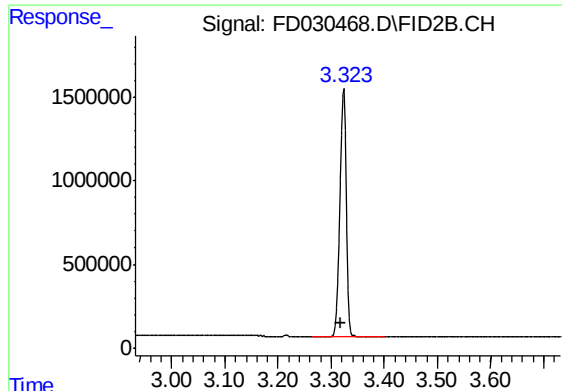
(m)=manual int.

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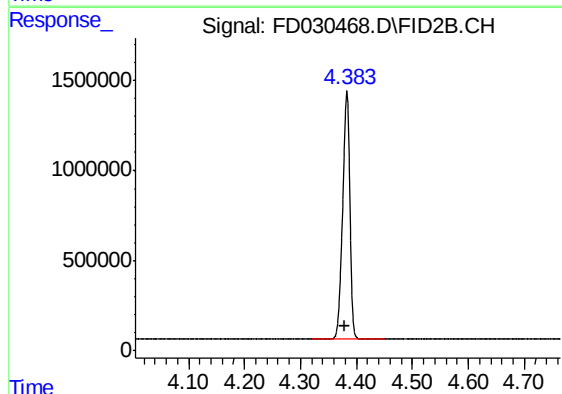
Volume Inj. : 1 ul  
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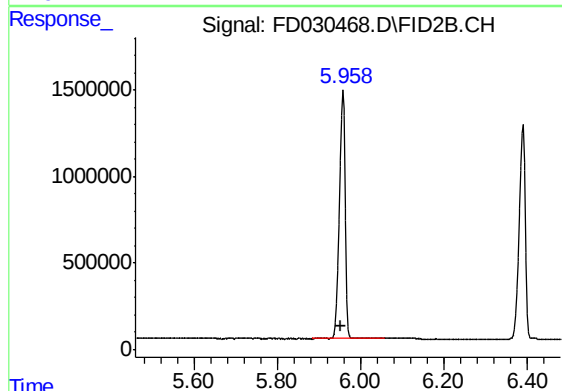
#1 n-Nonane (C9)

R.T.: 3.323 min  
Delta R.T.: 0.004 min  
Response: 12255064  
Conc: 100.38 ug/ml



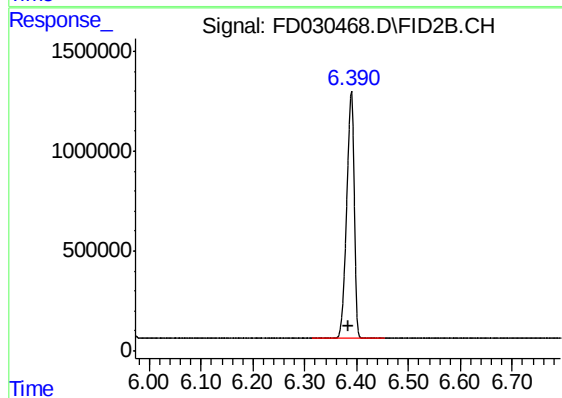
#2 n-Decane (C10)

R.T.: 4.383 min  
Delta R.T.: 0.004 min  
Response: 12310452  
Conc: 100.58 ug/ml



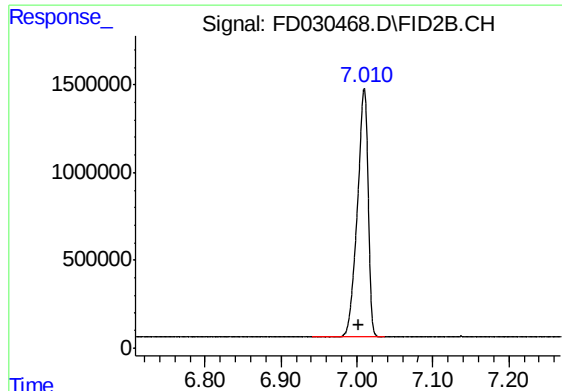
#3 A~Naphthalene (C11.7)

R.T.: 5.957 min  
Delta R.T.: 0.005 min  
Response: 13926309  
Conc: 101.33 ug/ml



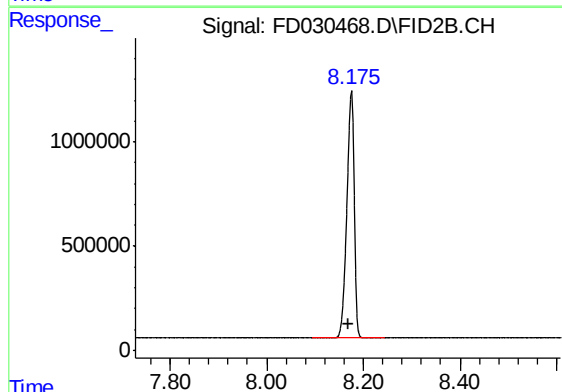
#4 n-Dodecane (C12)

R.T.: 6.389 min  
Delta R.T.: 0.005 min  
Response: 12470258  
Conc: 100.78 ug/ml



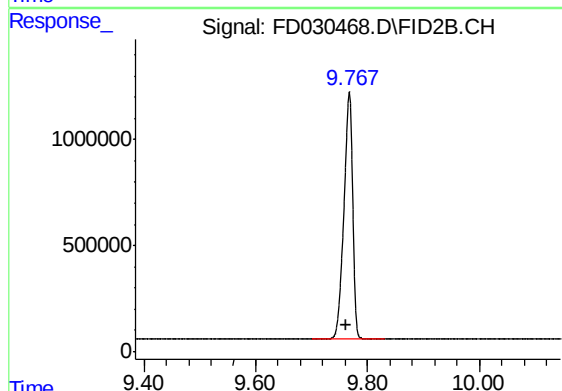
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.009 min  
Delta R.T.: 0.007 min  
Response: 14011665  
Conc: 100.52 ug/ml



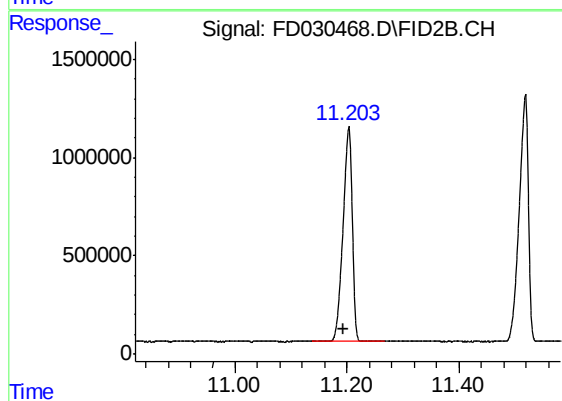
#6 n-Tetradecane (C14)

R.T.: 8.175 min  
Delta R.T.: 0.006 min  
Response: 12563859  
Conc: 100.79 ug/ml



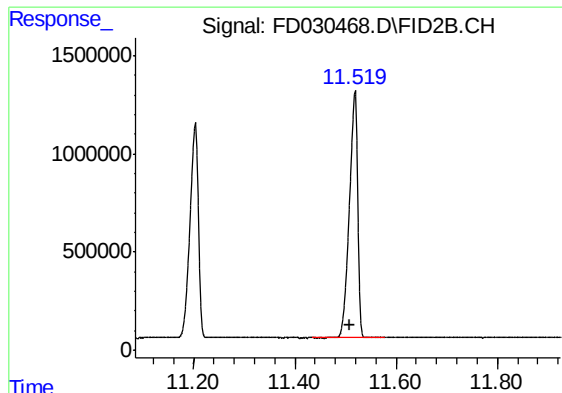
#7 n-Hexadecane (C16)

R.T.: 9.767 min  
Delta R.T.: 0.006 min  
Response: 12605012  
Conc: 100.30 ug/ml



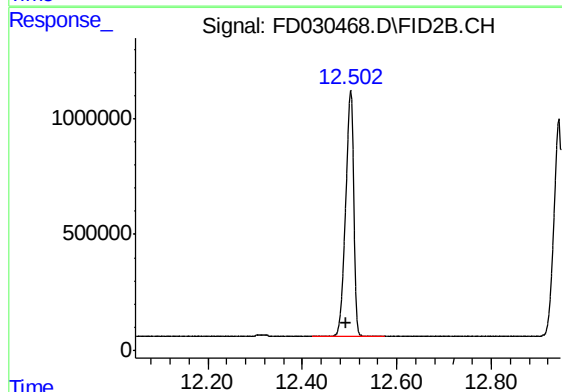
#8 n-Octadecane (C18)

R.T.: 11.203 min  
Delta R.T.: 0.009 min  
Response: 12613961  
Conc: 100.04 ug/ml



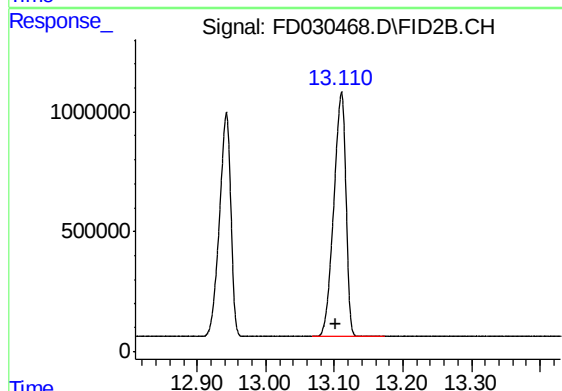
#9 ortho-Terphenyl (SURR)

R.T.: 11.518 min  
Delta R.T.: 0.010 min  
Response: 14302131  
Conc: 99.98 ug/ml



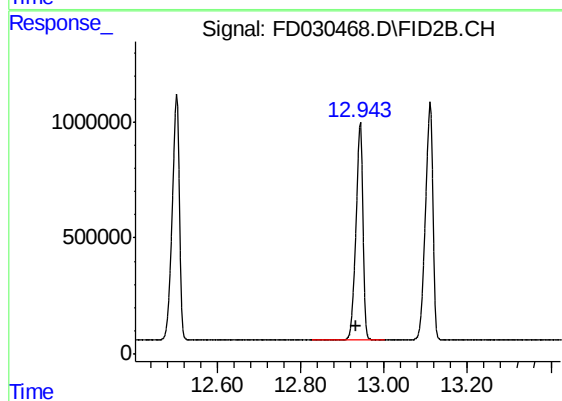
#10 n-Eicosane (C20)

R.T.: 12.502 min  
Delta R.T.: 0.008 min  
Response: 12529524  
Conc: 99.80 ug/ml



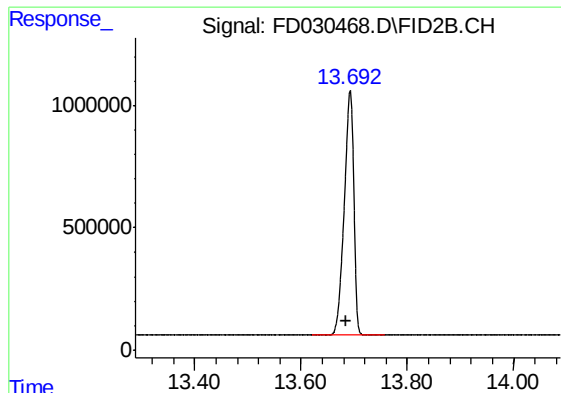
#11 n-Heneicosane (C21)

R.T.: 13.110 min  
Delta R.T.: 0.009 min  
Response: 12590794  
Conc: 99.89 ug/ml



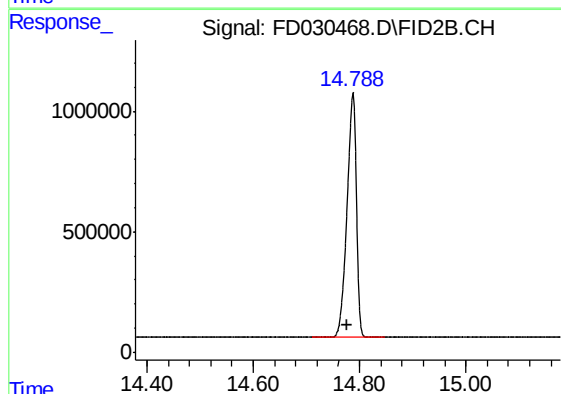
#12 1-chlorooctadecane (SURR)

R.T.: 12.942 min  
Delta R.T.: 0.008 min  
Response: 10768547  
Conc: 100.04 ug/ml



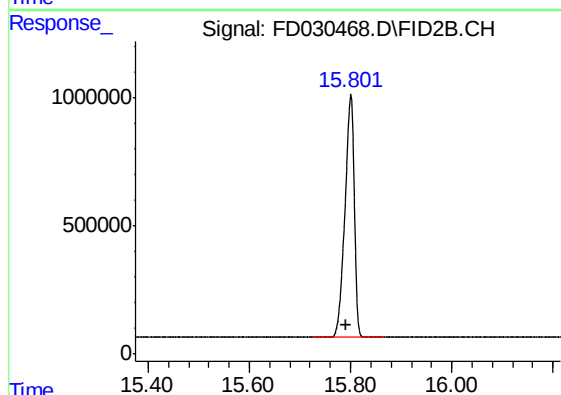
#13 n-Docosane (C22)

R.T.: 13.692 min  
Delta R.T.: 0.009 min  
Response: 12491709  
Conc: 99.67 ug/ml



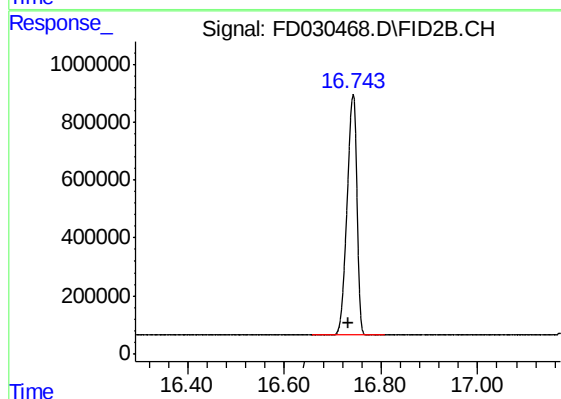
#14 n-Tetracosane (C24)

R.T.: 14.787 min  
Delta R.T.: 0.009 min  
Response: 12433749  
Conc: 99.67 ug/ml



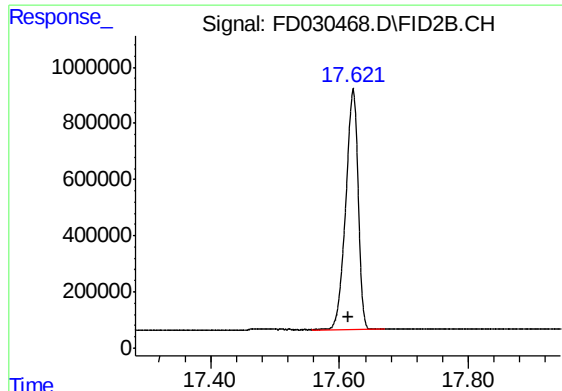
#15 n-Hexacosane (C26)

R.T.: 15.800 min  
Delta R.T.: 0.009 min  
Response: 12157468  
Conc: 99.48 ug/ml



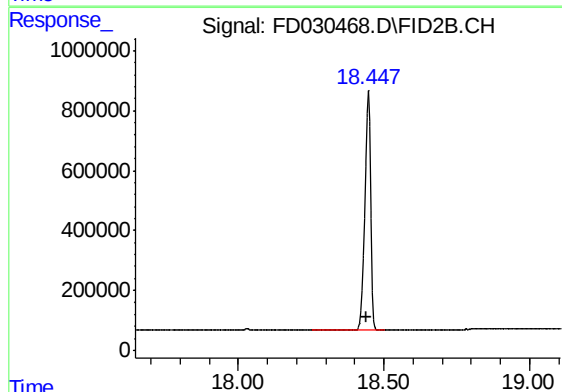
#16 n-Octacosane (C28)

R.T.: 16.742 min  
Delta R.T.: 0.008 min  
Response: 11806015  
Conc: 99.07 ug/ml



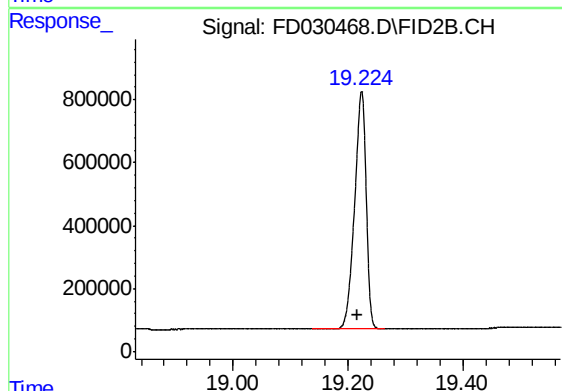
#17 n-Tricontane (C30)

R.T.: 17.621 min  
Delta R.T.: 0.008 min  
Response: 11492456  
Conc: 98.53 ug/ml



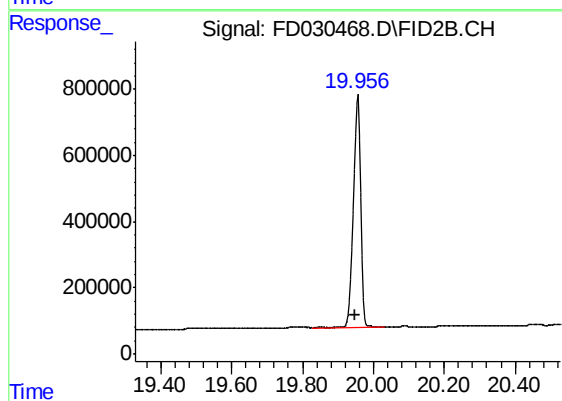
#18 n-Dotriacontane (C32)

R.T.: 18.447 min  
Delta R.T.: 0.008 min  
Response: 10954723  
Conc: 97.99 ug/ml



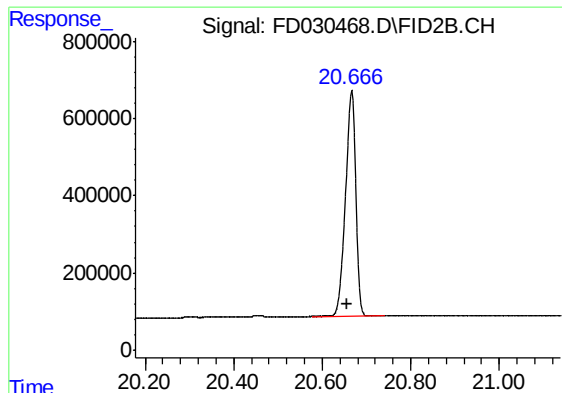
#19 n-Tetatriacontane (C34)

R.T.: 19.223 min  
Delta R.T.: 0.008 min  
Response: 10521232  
Conc: 98.52 ug/ml



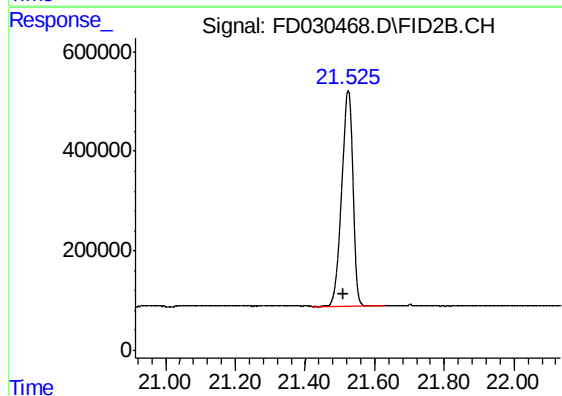
#20 n-Hexatriacontane (C36)

R.T.: 19.956 min  
Delta R.T.: 0.007 min  
Response: 10051986  
Conc: 98.03 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.666 min  
Delta R.T.: 0.009 min  
Response: 9430035  
Conc: 98.64 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.524 min  
Delta R.T.: 0.014 min  
Response: 9704487  
Conc: 98.73 ug/ml