

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD062519AL\  
 Data File : FD029530.D  
 Signal(s) : FID2B.CH  
 Acq On : 25 Jun 2019 22:01  
 Operator : DD\AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Jun 26 01:34:32 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 061219.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jun 13 08:26:29 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)    | 11.617 | 2404735    | 18.196 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 36.39%       |
| 12) S 1-chlorooctadecane (S... | 13.039 | 1921526    | 17.757 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 35.51%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.404  | 2284366    | 19.741 ug/ml |
| 2) T n-Decane (C10)            | 4.470  | 2322081    | 19.824 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 6.054  | 2627151    | 19.635 ug/ml |
| 4) T n-Dodecane (C12)          | 6.481  | 2317815    | 19.773 ug/ml |
| 5) T A~2-methylnaphthalene...  | 7.106  | 2634580    | 19.633 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.268  | 2332280    | 19.626 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.860  | 2303952    | 19.232 ug/ml |
| 8) T n-Octadecane (C18)        | 11.295 | 2248746    | 18.530 ug/ml |
| 10) T n-Eicosane (C20)         | 12.596 | 2199176    | 17.880 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.204 | 2178082    | 17.713 ug/ml |
| 13) T n-Docosane (C22)         | 13.786 | 2137549    | 17.361 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.881 | 2166277    | 17.551 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.893 | 2050174    | 16.835 ug/ml |
| 16) T n-Octacosane (C28)       | 16.836 | 1976773    | 16.456 ug/ml |
| 17) T n-Tricontane (C30)       | 17.717 | 1936523    | 16.558 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.542 | 2143395    | 19.782 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.319 | 1611639    | 18.092 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.052 | 1179384    | 15.936 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.776 | 1497791    | 21.591 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.667 | 1381895    | 19.523 ug/ml |
| -----                          |        |            |              |

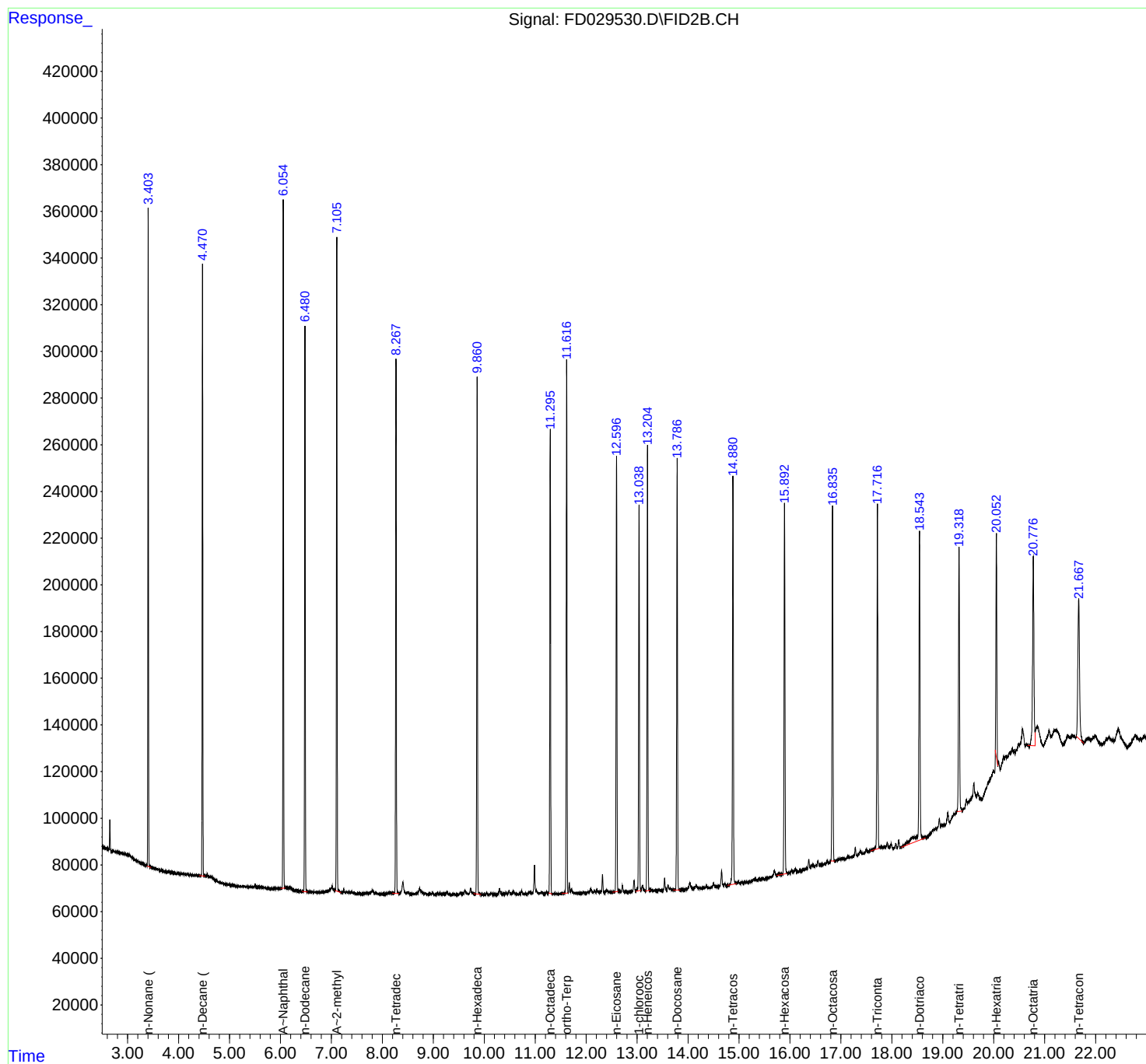
(f)=RT Delta > 1/2 Window

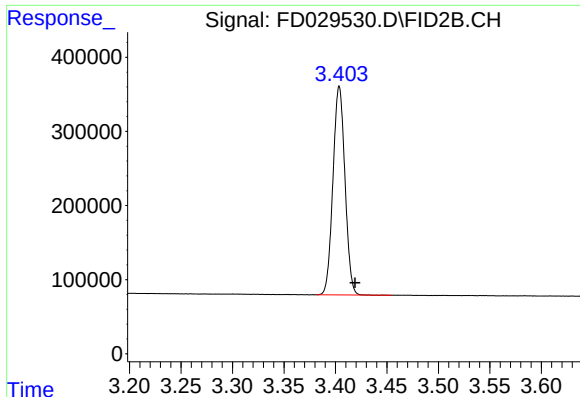
(m)=manual int.

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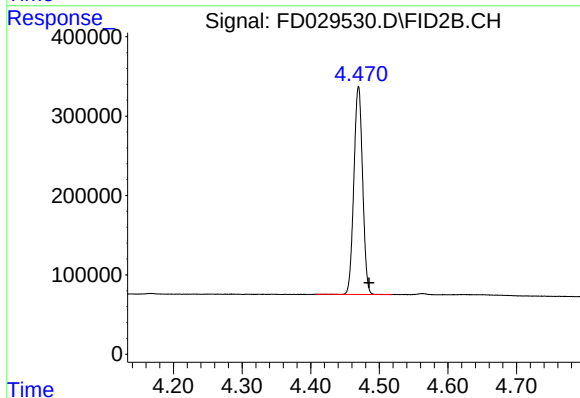
Volume Inj. : 1 ul  
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Signal Info : 20M x 0.18mm x 0.18um





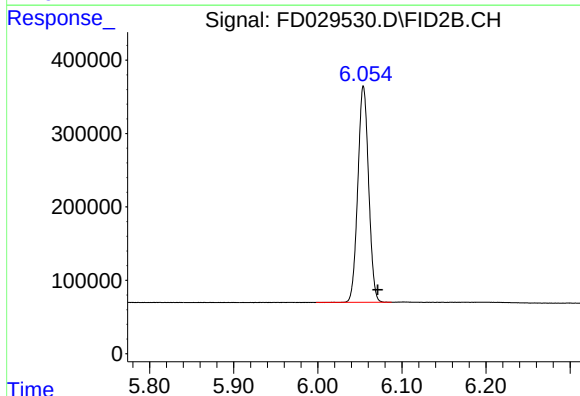
#1 n-Nonane (C9)

R.T.: 3.404 min  
Delta R.T.: -0.015 min  
Response: 2284366  
Conc: 19.74 ug/ml



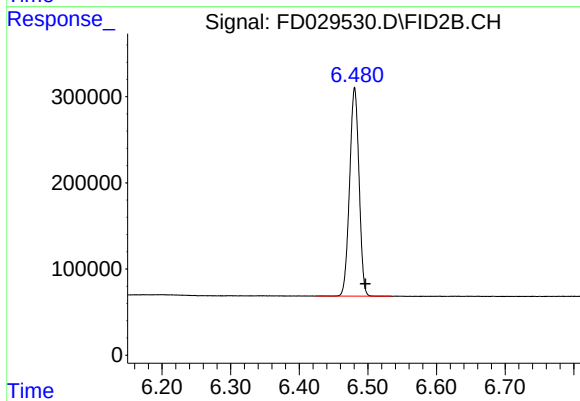
#2 n-Decane (C10)

R.T.: 4.470 min  
Delta R.T.: -0.015 min  
Response: 2322081  
Conc: 19.82 ug/ml



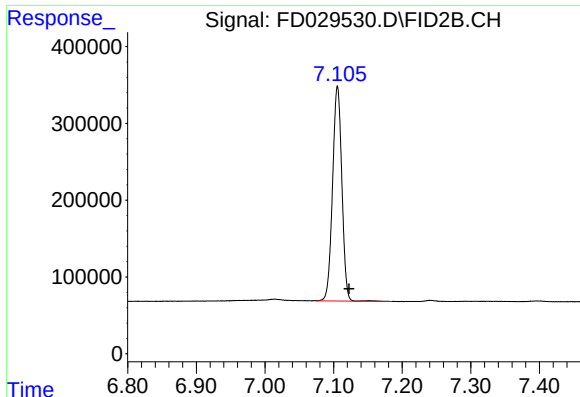
#3 A~Naphthalene (C11.7)

R.T.: 6.054 min  
Delta R.T.: -0.017 min  
Response: 2627151  
Conc: 19.64 ug/ml



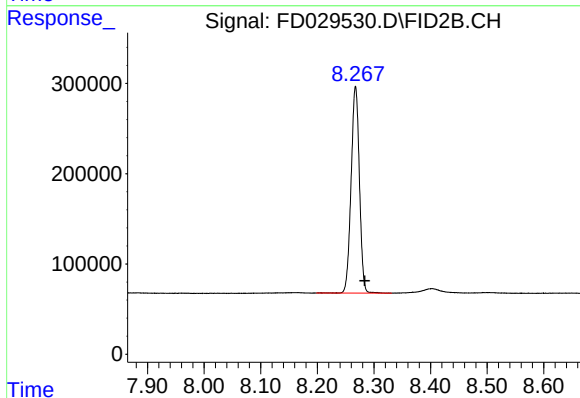
#4 n-Dodecane (C12)

R.T.: 6.481 min  
Delta R.T.: -0.016 min  
Response: 2317815  
Conc: 19.77 ug/ml



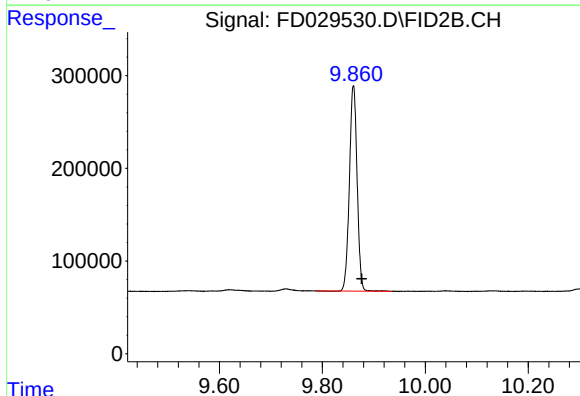
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.106 min  
Delta R.T.: -0.017 min  
Response: 2634580  
Conc: 19.63 ug/ml



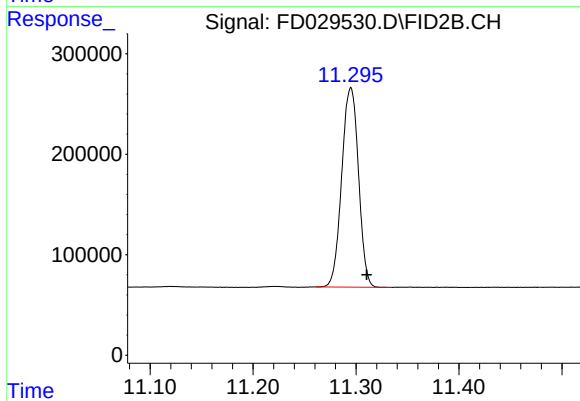
#6 n-Tetradecane (C14)

R.T.: 8.268 min  
Delta R.T.: -0.016 min  
Response: 2332280  
Conc: 19.63 ug/ml



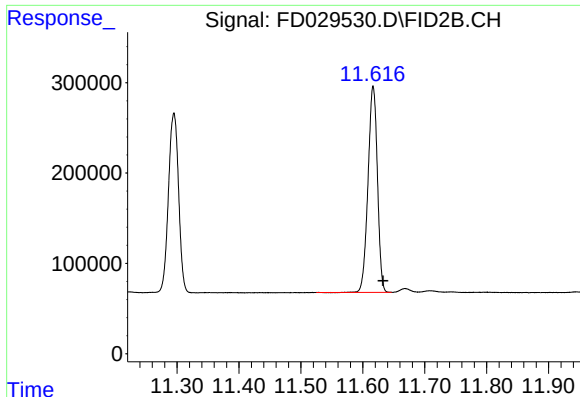
#7 n-Hexadecane (C16)

R.T.: 9.860 min  
Delta R.T.: -0.016 min  
Response: 2303952  
Conc: 19.23 ug/ml



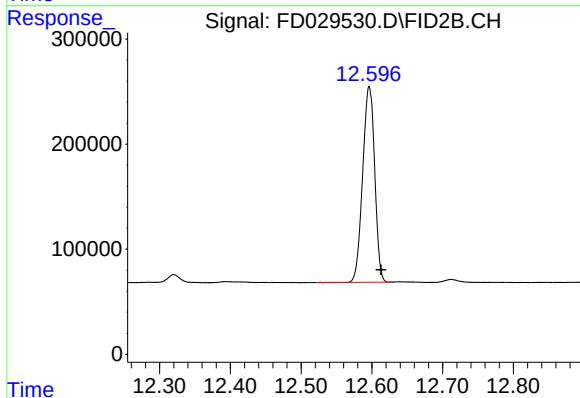
#8 n-Octadecane (C18)

R.T.: 11.295 min  
Delta R.T.: -0.016 min  
Response: 2248746  
Conc: 18.53 ug/ml



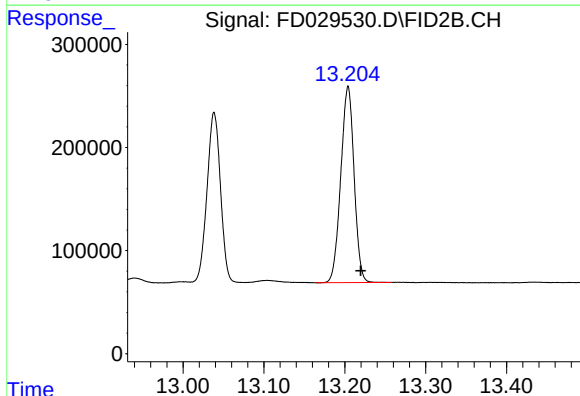
#9 ortho-Terphenyl (SURR)

R.T.: 11.617 min  
Delta R.T.: -0.016 min  
Response: 2404735  
Conc: 18.20 ug/ml



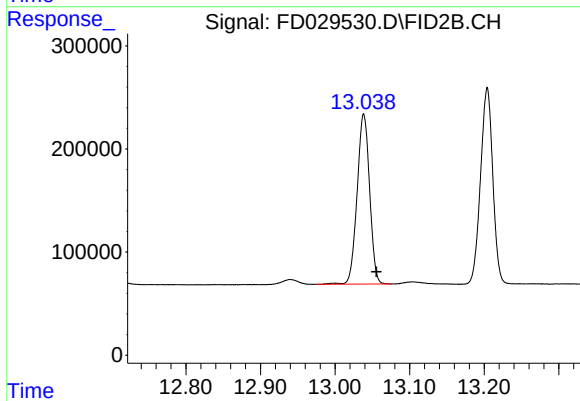
#10 n-Eicosane (C20)

R.T.: 12.596 min  
Delta R.T.: -0.016 min  
Response: 2199176  
Conc: 17.88 ug/ml



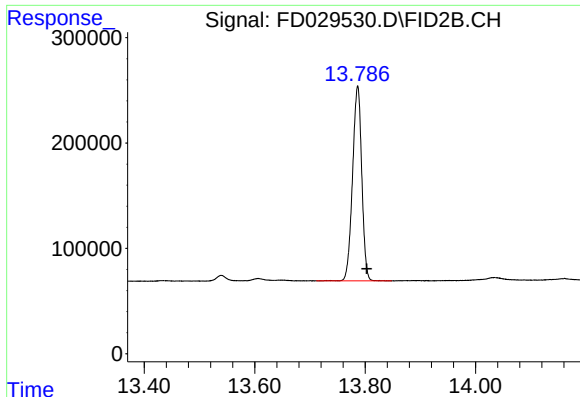
#11 n-Heneicosane (C21)

R.T.: 13.204 min  
Delta R.T.: -0.016 min  
Response: 2178082  
Conc: 17.71 ug/ml



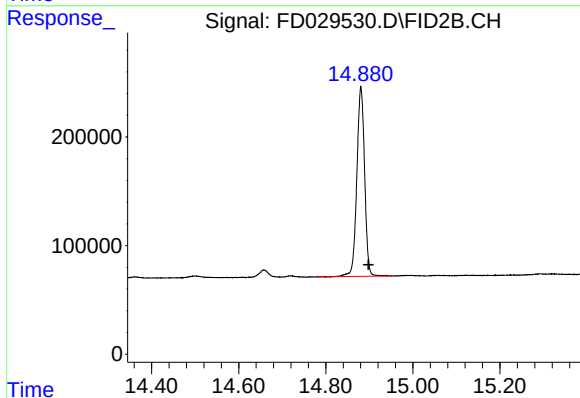
#12 1-chlorooctadecane (SURR)

R.T.: 13.039 min  
Delta R.T.: -0.017 min  
Response: 1921526  
Conc: 17.76 ug/ml



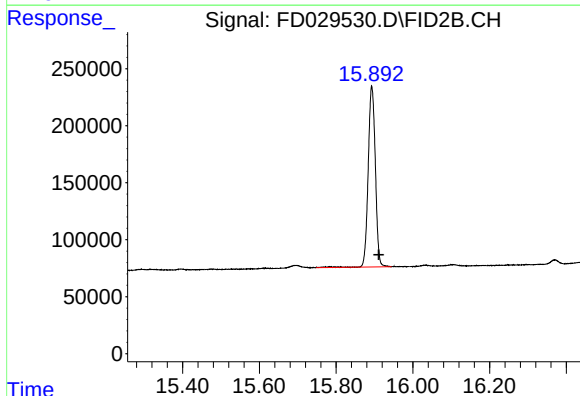
#13 n-Docosane (C22)

R.T.: 13.786 min  
Delta R.T.: -0.017 min  
Response: 2137549  
Conc: 17.36 ug/ml



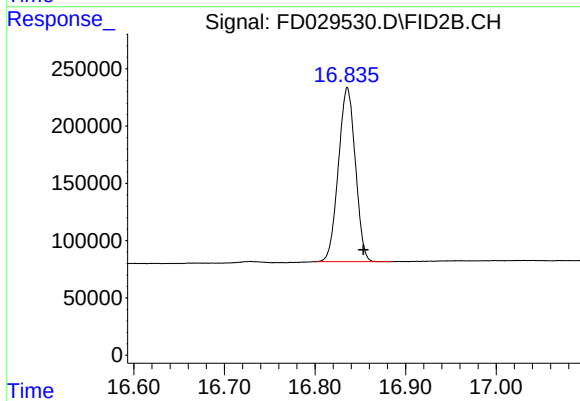
#14 n-Tetracosane (C24)

R.T.: 14.881 min  
Delta R.T.: -0.017 min  
Response: 2166277  
Conc: 17.55 ug/ml



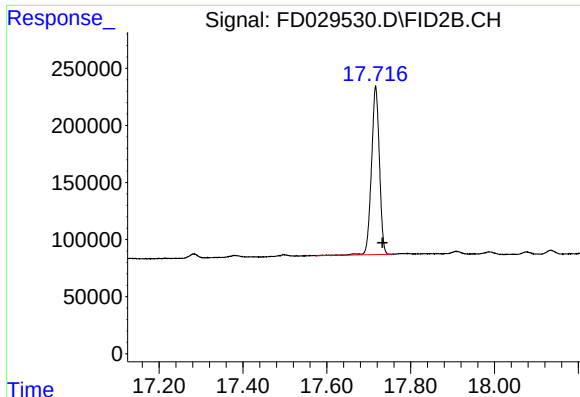
#15 n-Hexacosane (C26)

R.T.: 15.893 min  
Delta R.T.: -0.018 min  
Response: 2050174  
Conc: 16.84 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.836 min  
Delta R.T.: -0.018 min  
Response: 1976773  
Conc: 16.46 ug/ml



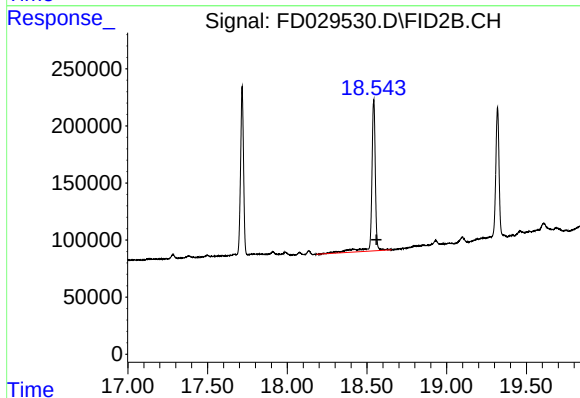
#17 n-Tricontane (C30)

R.T.: 17.717 min

Delta R.T.: -0.016 min

Response: 1936523

Conc: 16.56 ug/ml



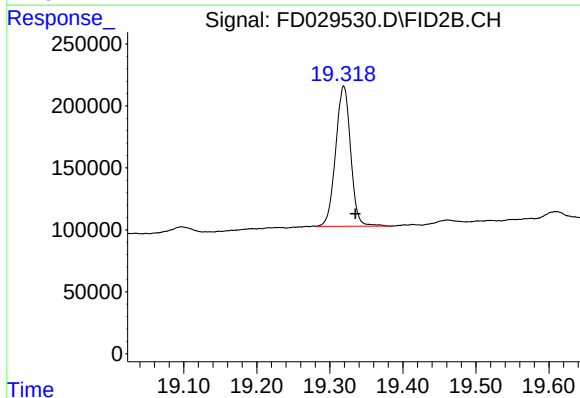
#18 n-Dotriacontane (C32)

R.T.: 18.542 min

Delta R.T.: -0.016 min

Response: 2143395

Conc: 19.78 ug/ml



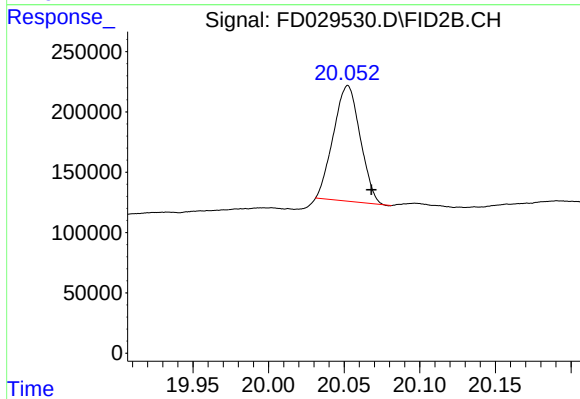
#19 n-Tetratriacontane (C34)

R.T.: 19.319 min

Delta R.T.: -0.016 min

Response: 1611639

Conc: 18.09 ug/ml



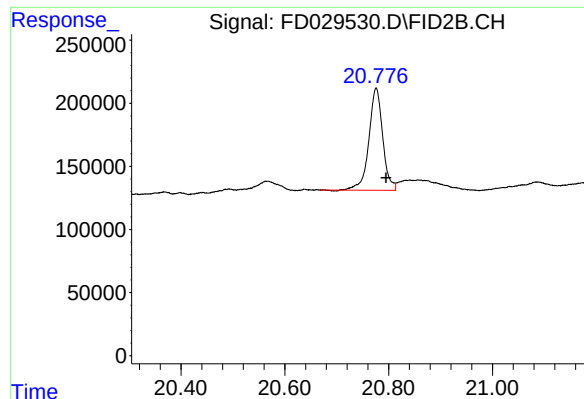
#20 n-Hexatriacontane (C36)

R.T.: 20.052 min

Delta R.T.: -0.016 min

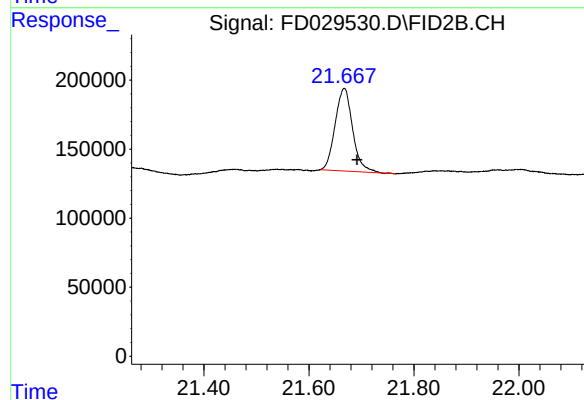
Response: 1179384

Conc: 15.94 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.776 min  
Delta R.T.: -0.019 min  
Response: 1497791  
Conc: 21.59 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.667 min  
Delta R.T.: -0.024 min  
Response: 1381895  
Conc: 19.52 ug/ml