

Data Path : P:\HPCHEM1\FID D\Data\FD041118AL\  
 Data File : FD022920.D  
 Signal(s) : FID2B.CH  
 Acq On : 10 Apr 2018 19:58  
 Operator : UA/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Apr 11 06:46:06 2018  
 Quant Method : P:\HPCHEM1\FID\_D\methods\Alaphatic EPH 031618.M  
 Quant Title : GC Extractables  
 QLast Update : Mon Mar 19 11:51:27 2018  
 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)    | 11.184 | 2192995    | 21.362 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 42.72%       |
| 12) S 1-chlorooctadecane (S... | 12.624 | 1775838    | 22.466 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 44.93%       |
|                                |        |            |              |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.027  | 1731585    | 19.689 ug/ml |
| 2) T n-Decane (C10)            | 4.079  | 1786928    | 20.144 ug/ml |
| 3) T A-Naphthalene (C11.7)     | 5.643  | 1980281    | 20.954 ug/ml |
| 4) T n-Dodecane (C12)          | 6.081  | 1891556    | 20.557 ug/ml |
| 5) T A-2-methylnaphthalene...  | 6.692  | 2032837    | 21.035 ug/ml |
| 6) T n-Tetradecane (C14)       | 7.862  | 1950367    | 20.616 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.452  | 1977145    | 20.734 ug/ml |
| 8) T n-Octadecane (C18)        | 10.884 | 1961415    | 20.812 ug/ml |
| 10) T n-Eicosane (C20)         | 12.185 | 2011538    | 20.911 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.794 | 2008906    | 20.855 ug/ml |
| 13) T n-Docosane (C22)         | 13.377 | 2028211    | 20.908 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.473 | 2031919    | 20.878 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.489 | 2051081    | 20.944 ug/ml |
| 16) T n-Octacosane (C28)       | 16.434 | 2089324    | 21.002 ug/ml |
| 17) T n-Tricontane (C30)       | 17.315 | 2058964    | 21.304 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.144 | 2075565    | 22.105 ug/ml |
| 19) T n-Tetratriacontane (C34) | 18.923 | 2094918    | 23.285 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.659 | 2060191    | 24.126 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.356 | 1661716    | 20.057 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.119 | 1807647    | 23.210 ug/ml |
| -----                          |        |            |              |

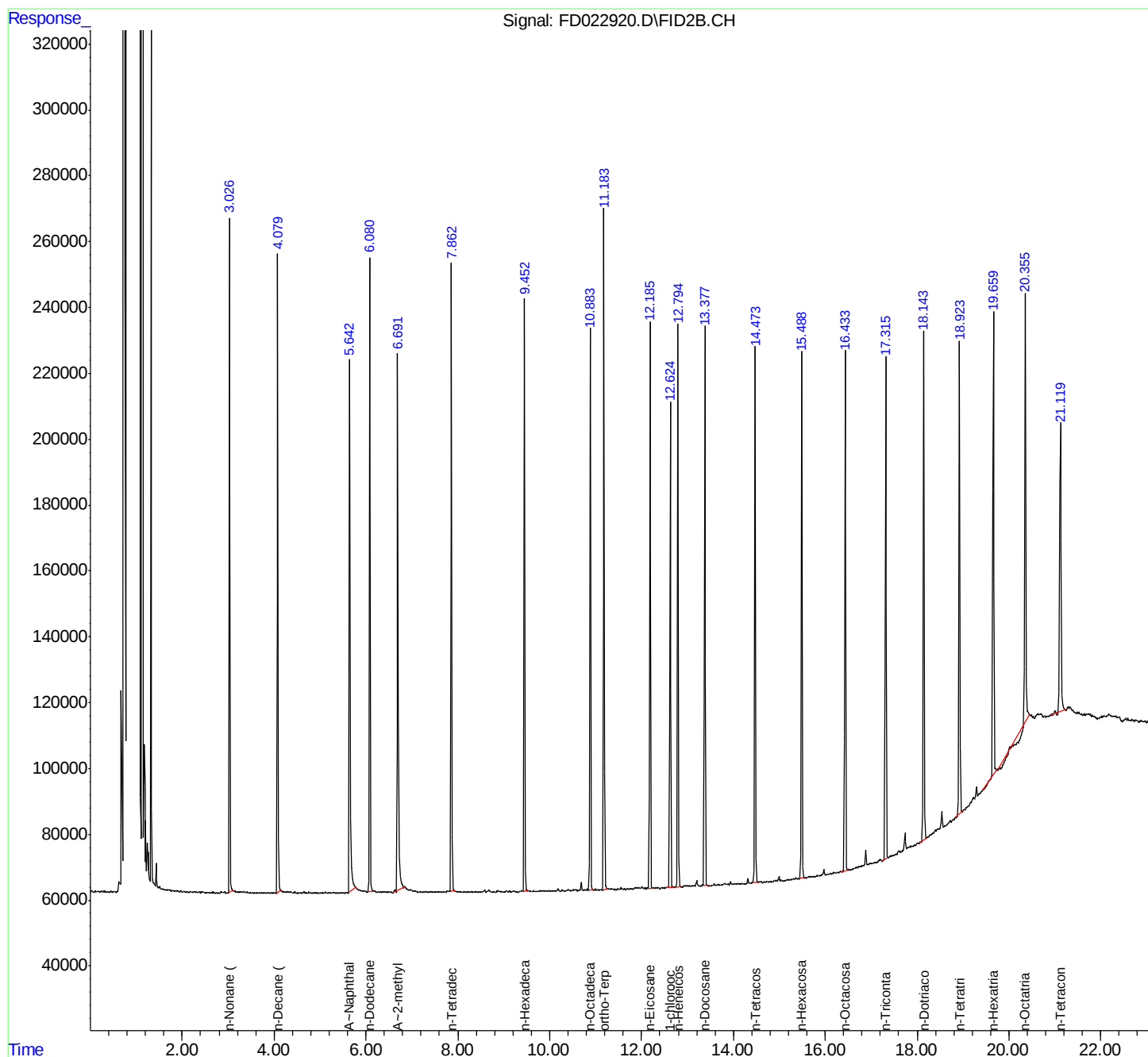
(f)=RT Delta > 1/2 Window

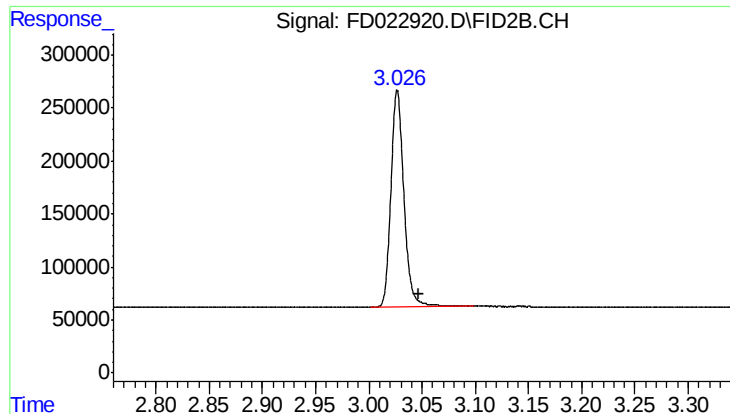
(m)=manual int.

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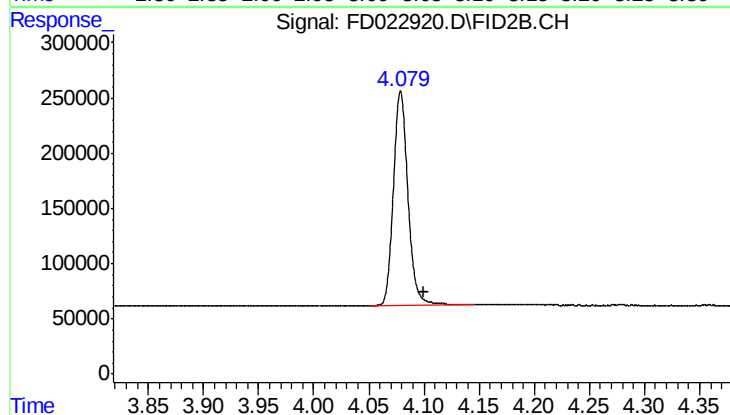
Volume Inj. : 1 ul  
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Signal Info : 20M x 0.18mm x 0.18um





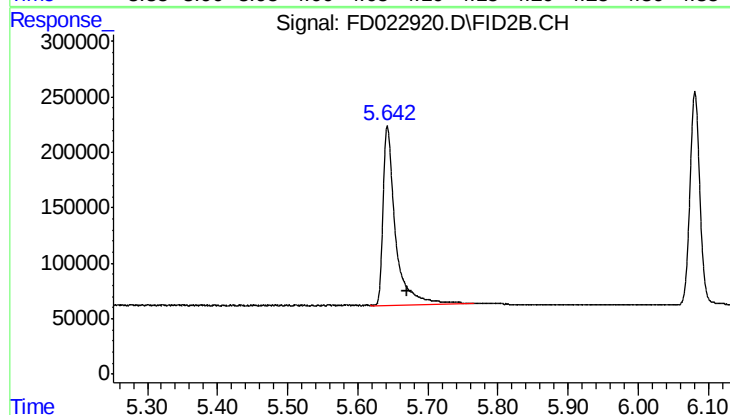
#1 n-Nonane (C9)

R.T.: 3.027 min  
Delta R.T.: -0.020 min  
Response: 1731585  
Conc: 19.69 ug/ml



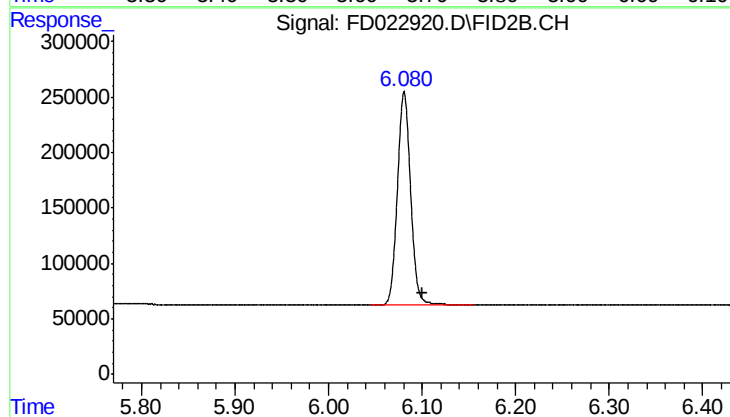
#2 n-Decane (C10)

R.T.: 4.079 min  
Delta R.T.: -0.021 min  
Response: 1786928  
Conc: 20.14 ug/ml



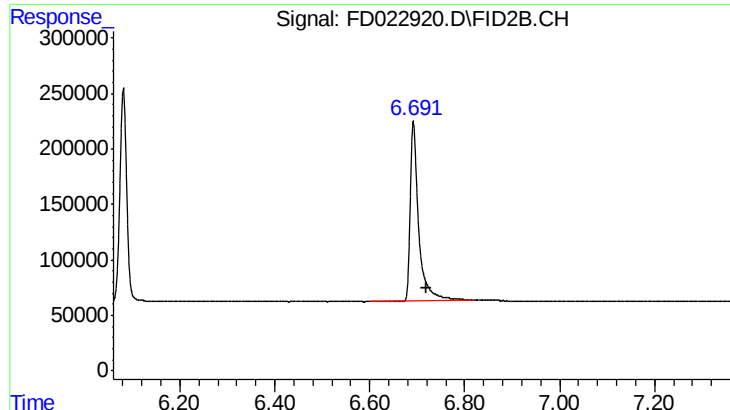
#3 A-Naphthalene (C11.7)

R.T.: 5.643 min  
Delta R.T.: -0.027 min  
Response: 1980281  
Conc: 20.95 ug/ml



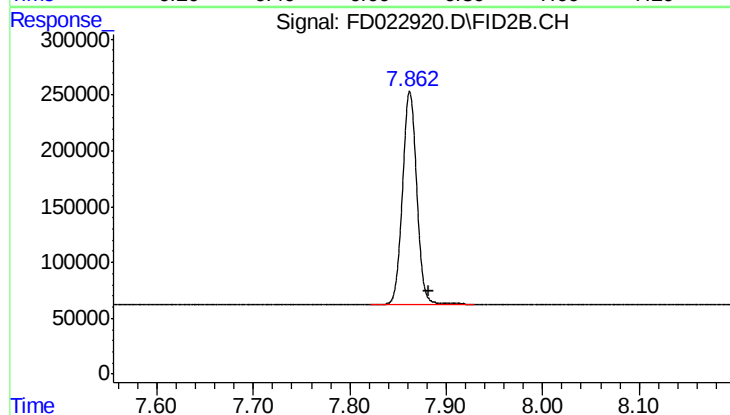
#4 n-Dodecane (C12)

R.T.: 6.081 min  
Delta R.T.: -0.020 min  
Response: 1891556  
Conc: 20.56 ug/ml



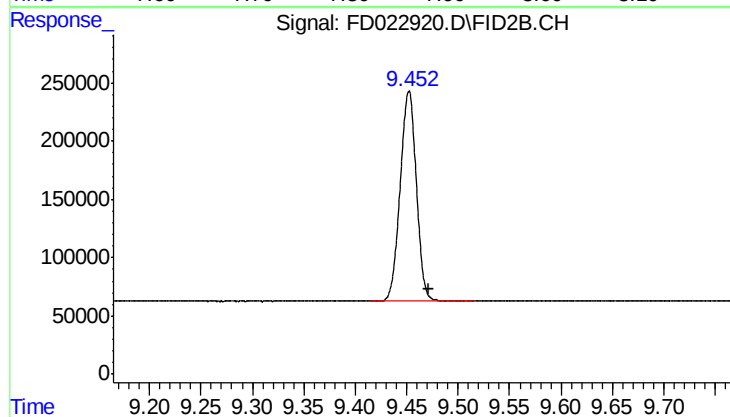
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.692 min  
Delta R.T.: -0.027 min  
Response: 2032837  
Conc: 21.04 ug/ml



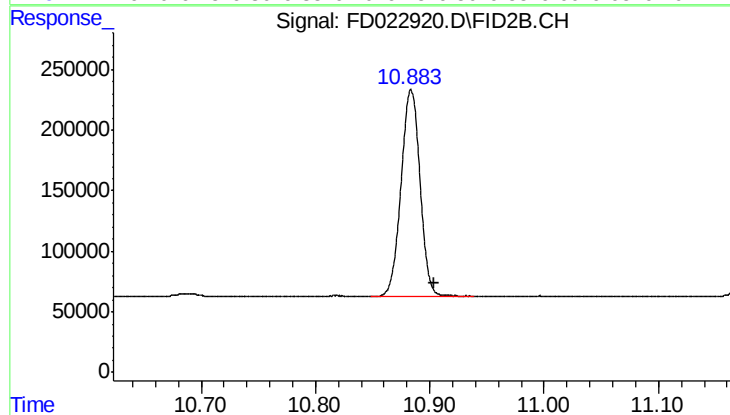
#6 n-Tetradecane (C14)

R.T.: 7.862 min  
Delta R.T.: -0.020 min  
Response: 1950367  
Conc: 20.62 ug/ml



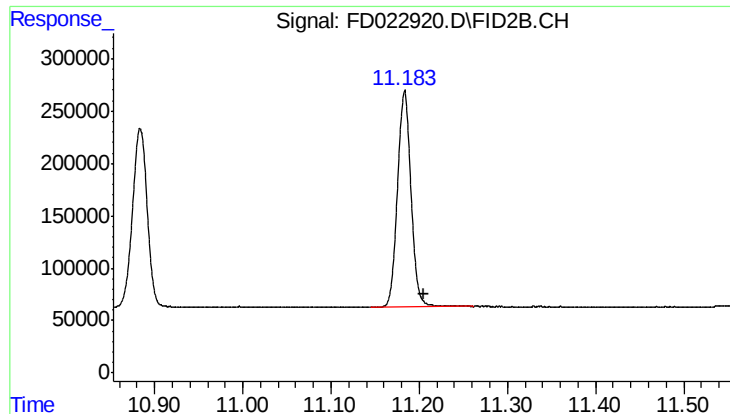
#7 n-Hexadecane (C16)

R.T.: 9.452 min  
Delta R.T.: -0.020 min  
Response: 1977145  
Conc: 20.73 ug/ml



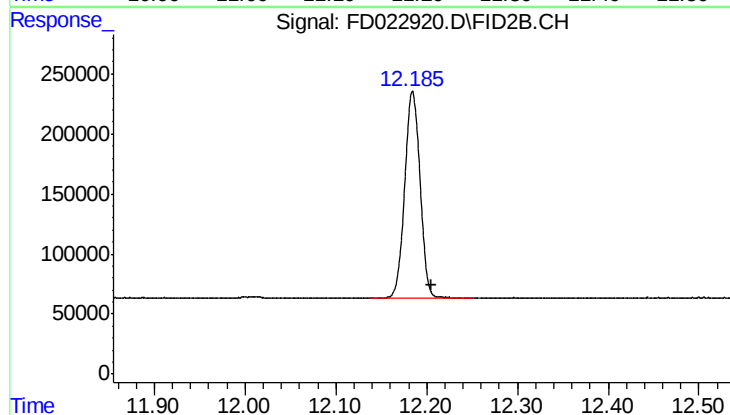
#8 n-Octadecane (C18)

R.T.: 10.884 min  
Delta R.T.: -0.020 min  
Response: 1961415  
Conc: 20.81 ug/ml



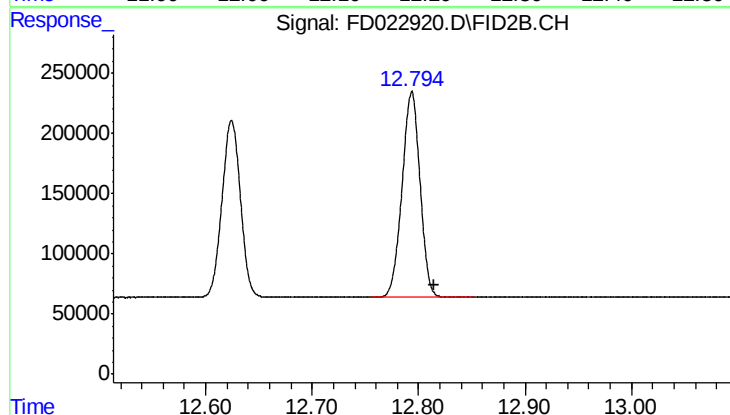
#9 ortho-Terphenyl (SURR)

R.T.: 11.184 min  
Delta R.T.: -0.021 min  
Response: 2192995  
Conc: 21.36 ug/ml



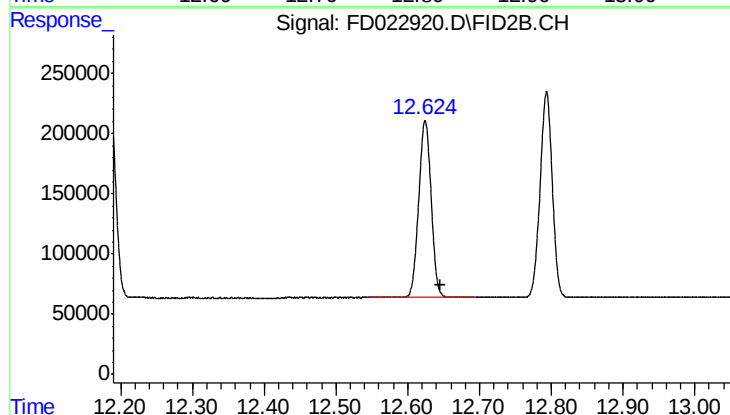
#10 n-Eicosane (C20)

R.T.: 12.185 min  
Delta R.T.: -0.021 min  
Response: 2011538  
Conc: 20.91 ug/ml



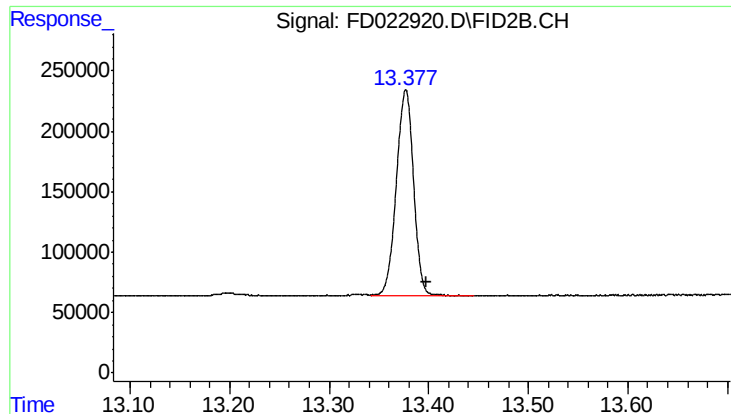
#11 n-Heneicosane (C21)

R.T.: 12.794 min  
Delta R.T.: -0.021 min  
Response: 2008906  
Conc: 20.86 ug/ml



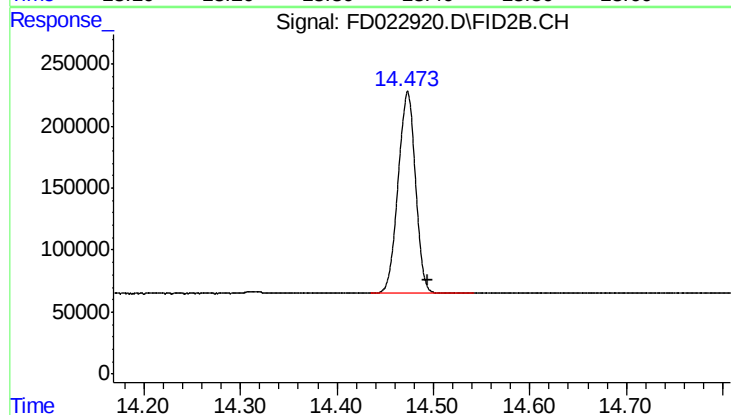
#12 1-chlorooctadecane (SURR)

R.T.: 12.624 min  
Delta R.T.: -0.021 min  
Response: 1775838  
Conc: 22.47 ug/ml



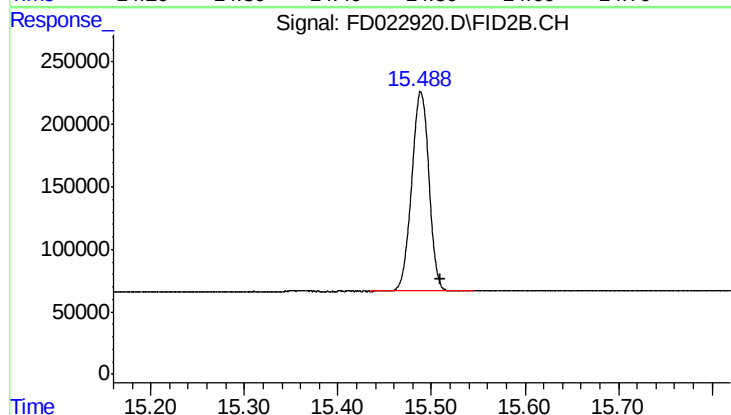
#13 n-Docosane (C22)

R.T.: 13.377 min  
Delta R.T.: -0.021 min  
Response: 2028211  
Conc: 20.91 ug/ml



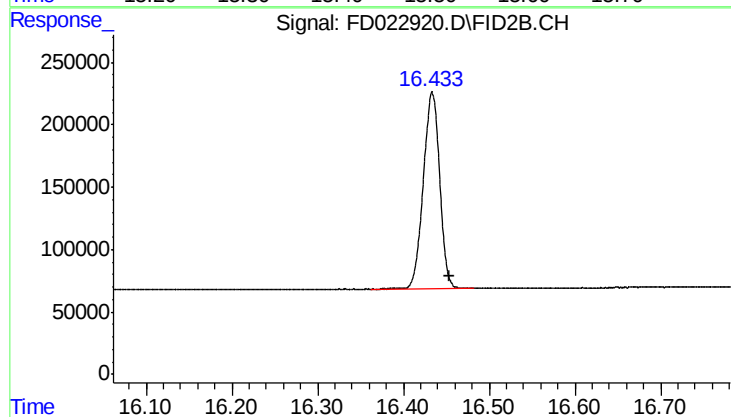
#14 n-Tetracosane (C24)

R.T.: 14.473 min  
Delta R.T.: -0.020 min  
Response: 2031919  
Conc: 20.88 ug/ml



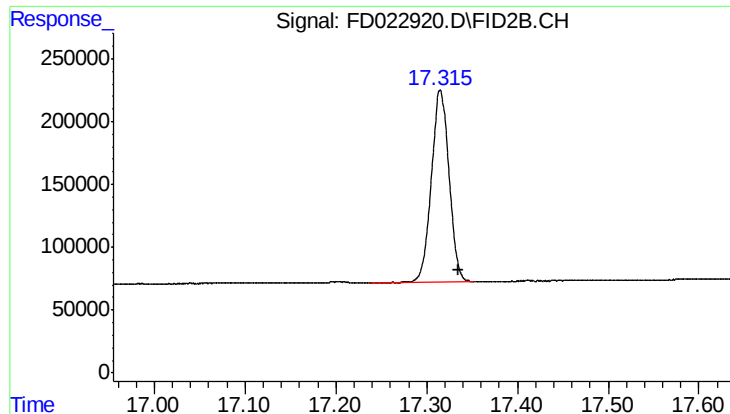
#15 n-Hexacosane (C26)

R.T.: 15.489 min  
Delta R.T.: -0.020 min  
Response: 2051081  
Conc: 20.94 ug/ml



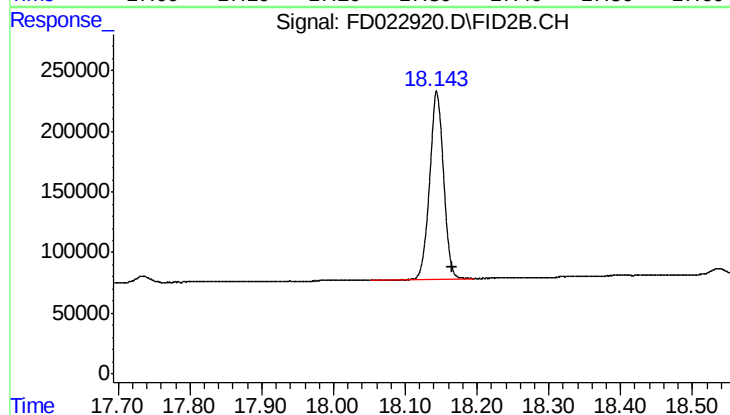
#16 n-Octacosane (C28)

R.T.: 16.434 min  
Delta R.T.: -0.020 min  
Response: 2089324  
Conc: 21.00 ug/ml



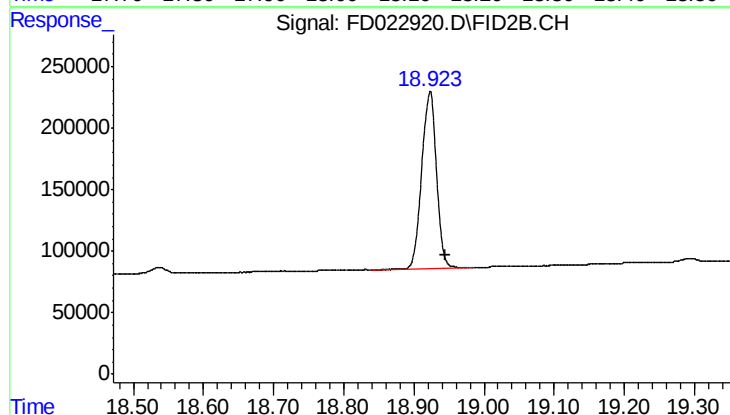
#17 n-Tricontane (C30)

R.T.: 17.315 min  
Delta R.T.: -0.019 min  
Response: 2058964  
Conc: 21.30 ug/ml



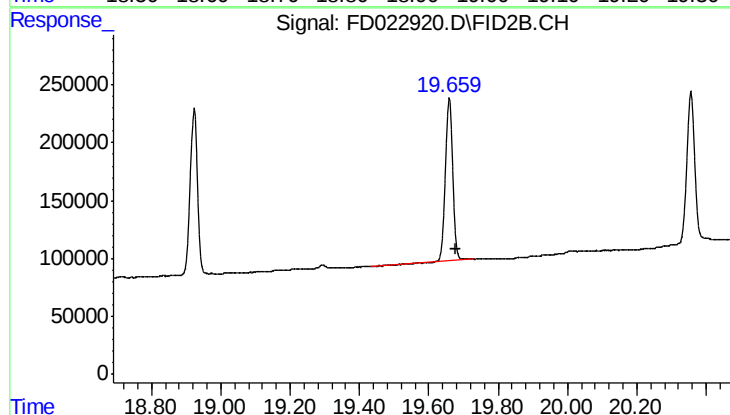
#18 n-Dotriacontane (C32)

R.T.: 18.144 min  
Delta R.T.: -0.020 min  
Response: 2075565  
Conc: 22.10 ug/ml



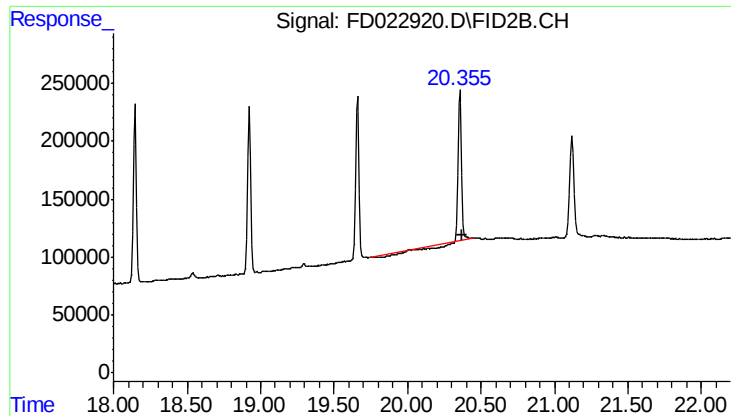
#19 n-Tetratriacontane (C34)

R.T.: 18.923 min  
Delta R.T.: -0.022 min  
Response: 2094918  
Conc: 23.28 ug/ml



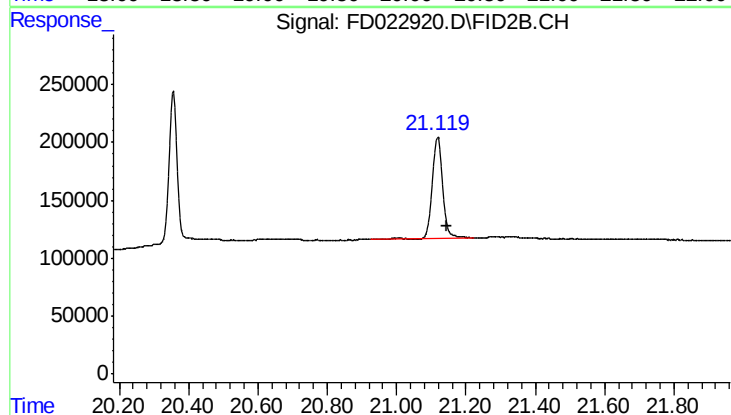
#20 n-Hexatriacontane (C36)

R.T.: 19.659 min  
Delta R.T.: -0.020 min  
Response: 2060191  
Conc: 24.13 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.356 min  
Delta R.T.: -0.019 min  
Response: 1661716  
Conc: 20.06 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.119 min  
Delta R.T.: -0.028 min  
Response: 1807647  
Conc: 23.21 ug/ml