

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD031822AL\  
 Data File : FD041624.D  
 Signal(s) : FID2B.CH  
 Acq On : 18 Mar 2022 10:03  
 Operator : UA/NP  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: Mar 19 00:48:54 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 022322.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Feb 24 01:21:33 2022  
 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)    | 11.231 | 3355054    | 19.342 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.68%       |
| 12) S 1-chlorooctadecane (S... | 12.670 | 2581864    | 19.071 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 38.14%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.098  | 3006643    | 20.647 ug/ml |
| 2) T n-Decane (C10)            | 4.142  | 2977967    | 20.624 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.693  | 3218372    | 20.147 ug/ml |
| 4) T n-Dodecane (C12)          | 6.138  | 3076917    | 20.775 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.739  | 3213280    | 20.079 ug/ml |
| 6) T n-Tetradecane (C14)       | 7.915  | 3094459    | 20.670 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.502  | 3107705    | 20.414 ug/ml |
| 8) T n-Octadecane (C18)        | 10.933 | 3117907    | 20.060 ug/ml |
| 10) T n-Eicosane (C20)         | 12.233 | 3066642    | 19.754 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.841 | 3039164    | 19.409 ug/ml |
| 13) T n-Docosane (C22)         | 13.423 | 3076671    | 19.645 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.519 | 3085976    | 19.674 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.534 | 3042411    | 19.802 ug/ml |
| 16) T n-Octacosane (C28)       | 16.479 | 3049965    | 20.493 ug/ml |
| 17) T n-Tricontane (C30)       | 17.360 | 3008375    | 21.381 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.188 | 2818773    | 22.156 ug/ml |
| 19) T n-Tetratriacontane (C34) | 18.968 | 2548258    | 22.373 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.704 | 2308885    | 22.527 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.398 | 2255791    | 23.759 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.181 | 2171062    | 22.908 ug/ml |
| -----                          |        |            |              |

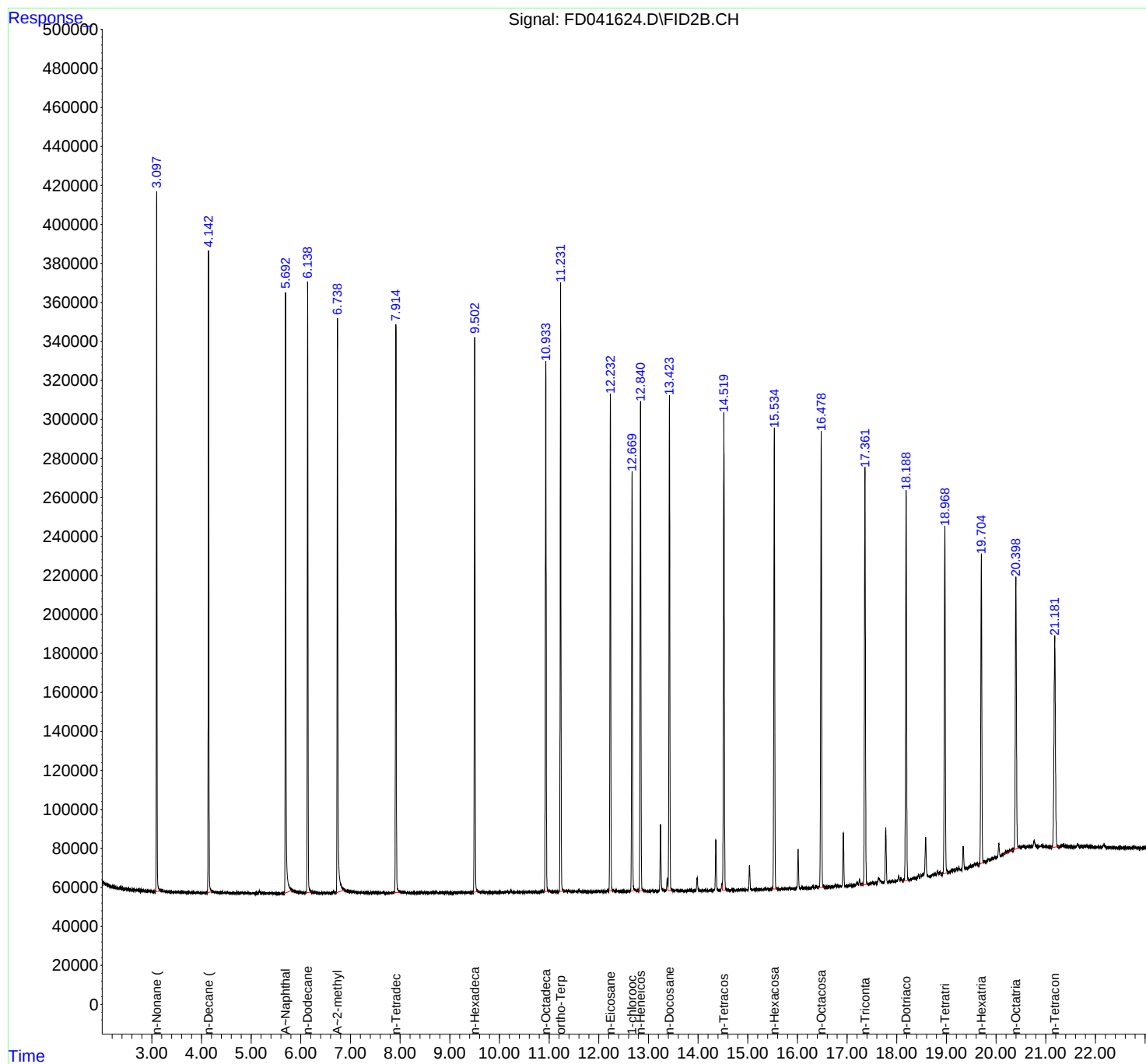
(f)=RT Delta > 1/2 Window

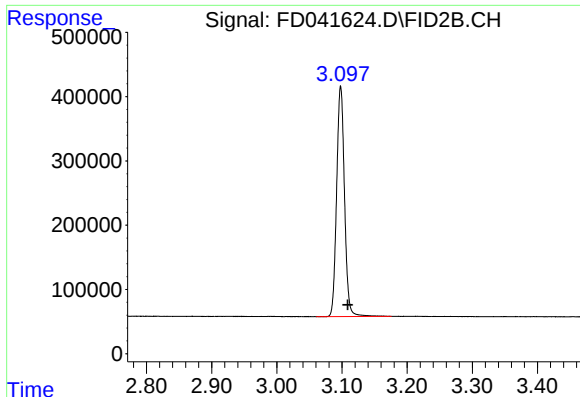
(m)=manual int.

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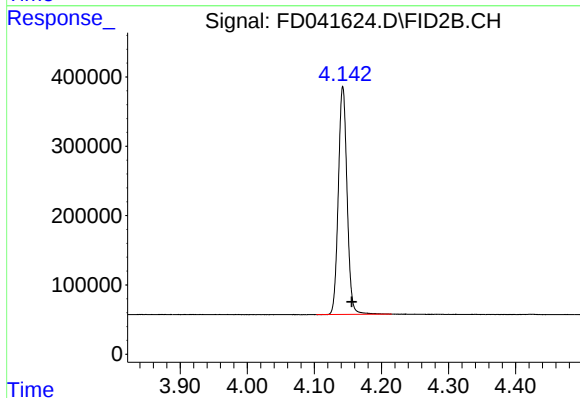
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





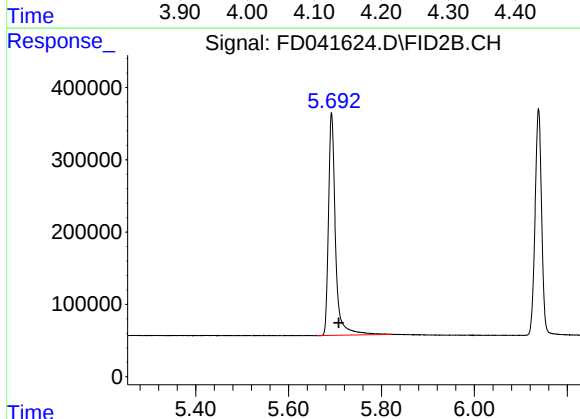
#1 n-Nonane (C9)

R.T.: 3.098 min  
Delta R.T.: -0.011 min  
Response: 3006643  
Conc: 20.65 ug/ml



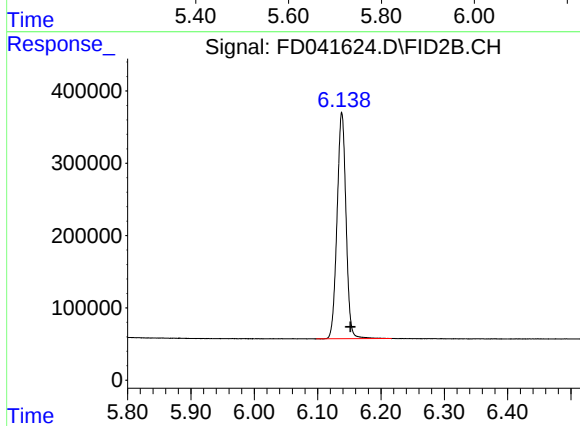
#2 n-Decane (C10)

R.T.: 4.142 min  
Delta R.T.: -0.013 min  
Response: 2977967  
Conc: 20.62 ug/ml



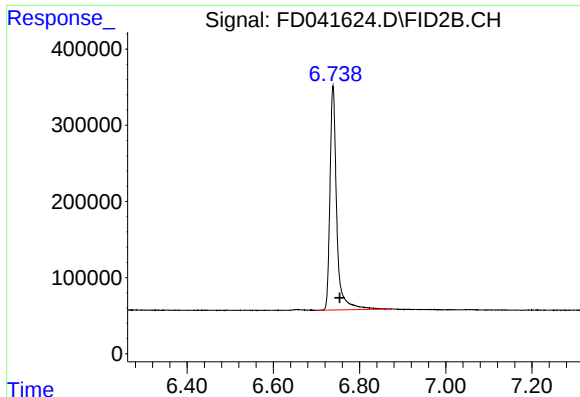
#3 A~Naphthalene (C11.7)

R.T.: 5.693 min  
Delta R.T.: -0.015 min  
Response: 3218372  
Conc: 20.15 ug/ml



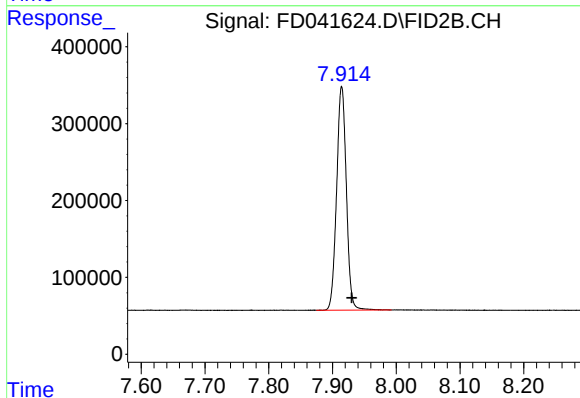
#4 n-Dodecane (C12)

R.T.: 6.138 min  
Delta R.T.: -0.013 min  
Response: 3076917  
Conc: 20.78 ug/ml



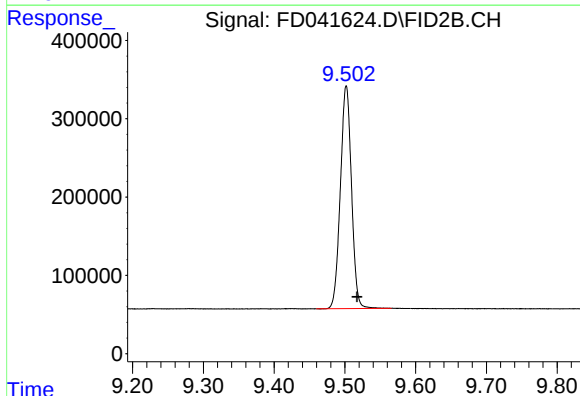
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.739 min  
Delta R.T.: -0.015 min  
Response: 3213280  
Conc: 20.08 ug/ml



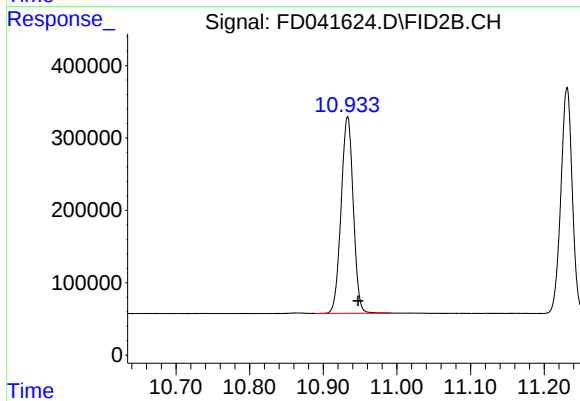
#6 n-Tetradecane (C14)

R.T.: 7.915 min  
Delta R.T.: -0.016 min  
Response: 3094459  
Conc: 20.67 ug/ml



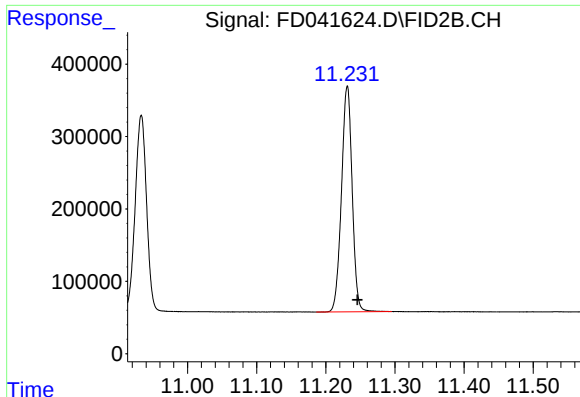
#7 n-Hexadecane (C16)

R.T.: 9.502 min  
Delta R.T.: -0.015 min  
Response: 3107705  
Conc: 20.41 ug/ml



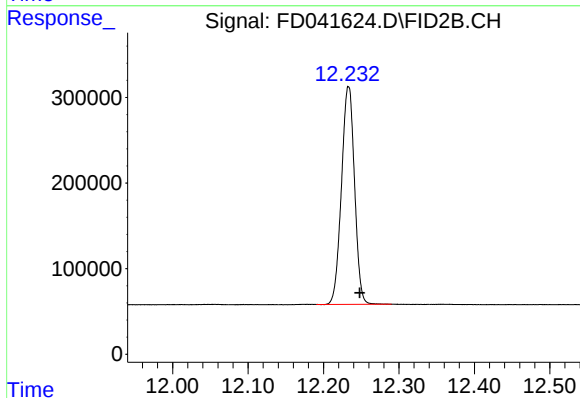
#8 n-Octadecane (C18)

R.T.: 10.933 min  
Delta R.T.: -0.014 min  
Response: 3117907  
Conc: 20.06 ug/ml



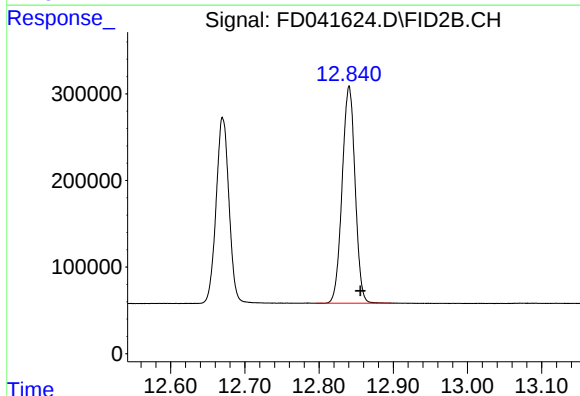
#9 ortho-Terphenyl (SURR)

R.T.: 11.231 min  
Delta R.T.: -0.015 min  
Response: 3355054  
Conc: 19.34 ug/ml



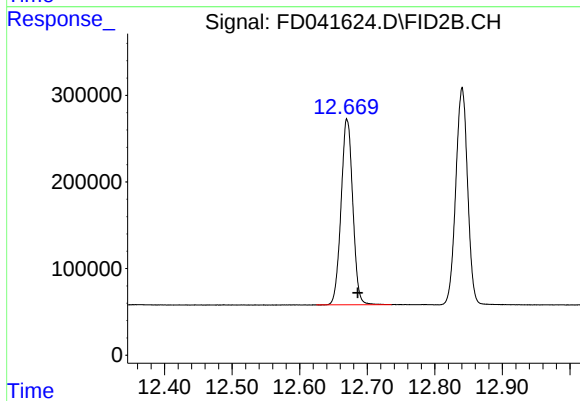
#10 n-Eicosane (C20)

R.T.: 12.233 min  
Delta R.T.: -0.015 min  
Response: 3066642  
Conc: 19.75 ug/ml



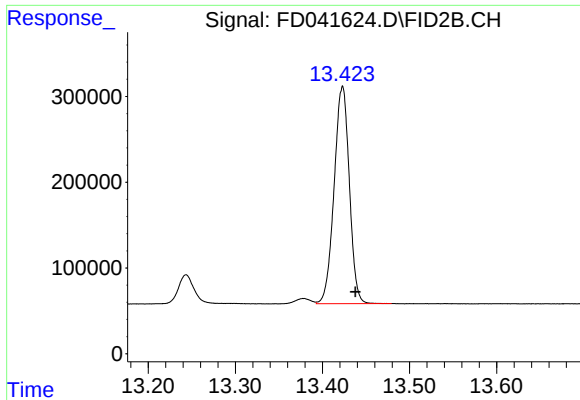
#11 n-Heneicosane (C21)

R.T.: 12.841 min  
Delta R.T.: -0.015 min  
Response: 3039164  
Conc: 19.41 ug/ml



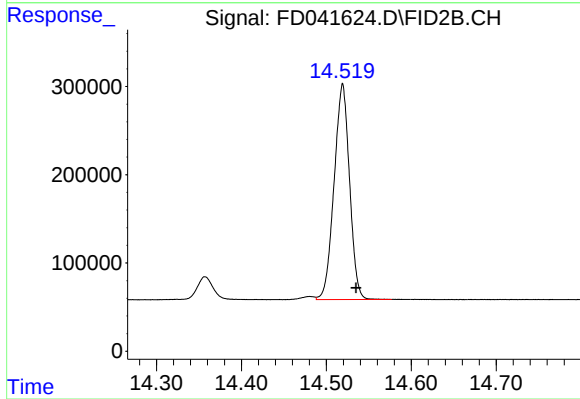
#12 1-chlorooctadecane (SURR)

R.T.: 12.670 min  
Delta R.T.: -0.016 min  
Response: 2581864  
Conc: 19.07 ug/ml



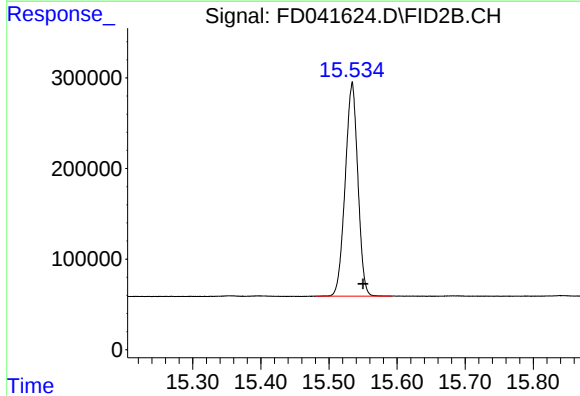
#13 n-Docosane (C22)

R.T.: 13.423 min  
Delta R.T.: -0.015 min  
Response: 3076671  
Conc: 19.65 ug/ml



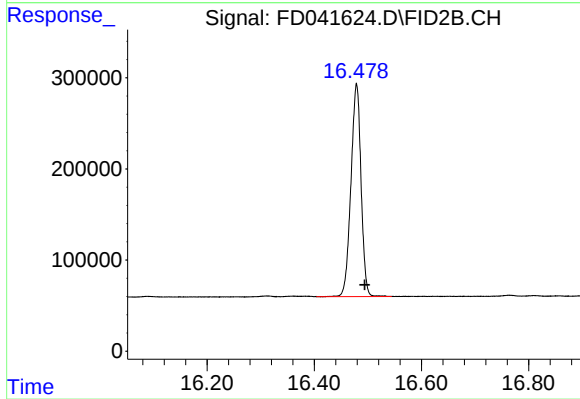
#14 n-Tetracosane (C24)

R.T.: 14.519 min  
Delta R.T.: -0.016 min  
Response: 3085976  
Conc: 19.67 ug/ml



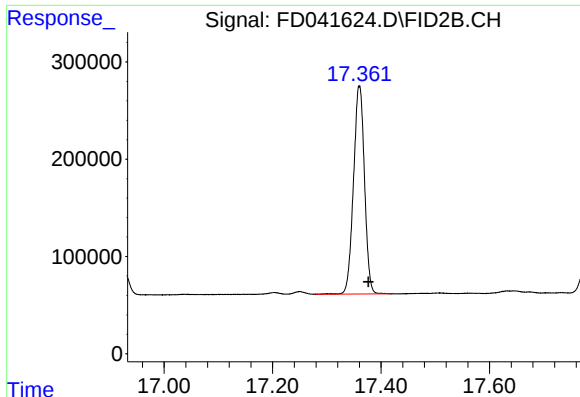
#15 n-Hexacosane (C26)

R.T.: 15.534 min  
Delta R.T.: -0.016 min  
Response: 3042411  
Conc: 19.80 ug/ml



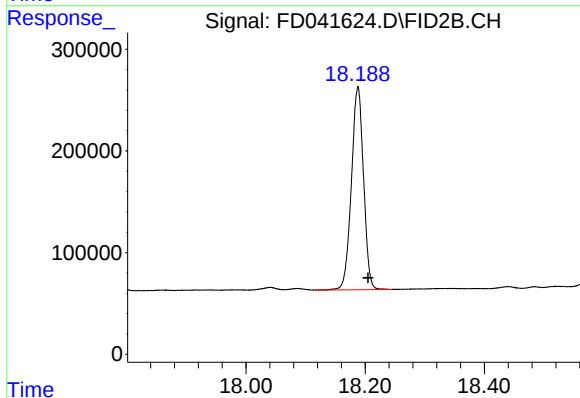
#16 n-Octacosane (C28)

R.T.: 16.479 min  
Delta R.T.: -0.015 min  
Response: 3049965  
Conc: 20.49 ug/ml



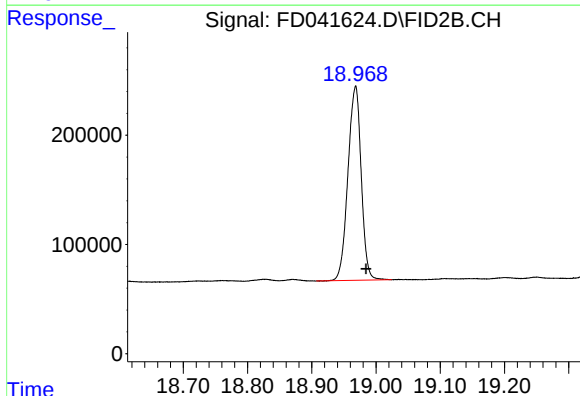
#17 n-Tricontane (C30)

R.T.: 17.360 min  
Delta R.T.: -0.016 min  
Response: 3008375  
Conc: 21.38 ug/ml



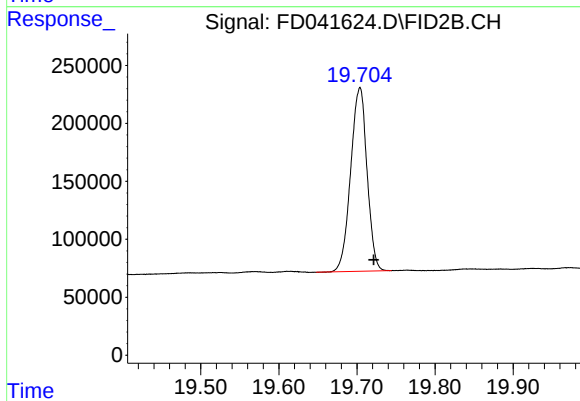
#18 n-Dotriacontane (C32)

R.T.: 18.188 min  
Delta R.T.: -0.017 min  
Response: 2818773  
Conc: 22.16 ug/ml



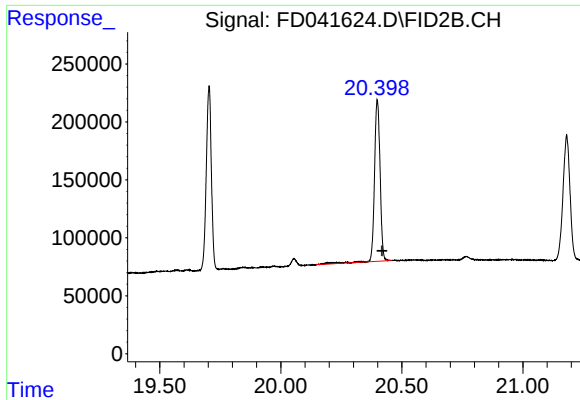
#19 n-Tetratriacontane (C34)

R.T.: 18.968 min  
Delta R.T.: -0.017 min  
Response: 2548258  
Conc: 22.37 ug/ml



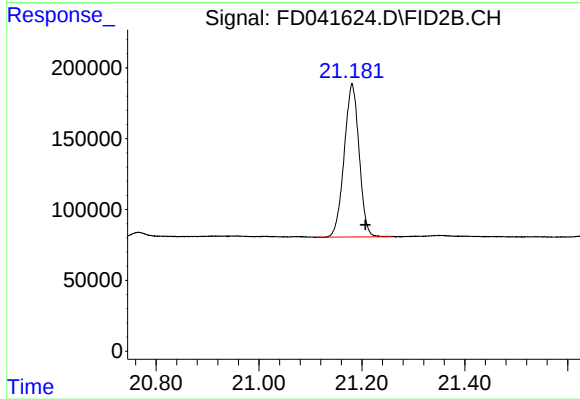
#20 n-Hexatriacontane (C36)

R.T.: 19.704 min  
Delta R.T.: -0.018 min  
Response: 2308885  
Conc: 22.53 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.398 min  
Delta R.T.: -0.021 min  
Response: 2255791  
Conc: 23.76 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.181 min  
Delta R.T.: -0.026 min  
Response: 2171062  
Conc: 22.91 ug/ml