

Data Path : P:\HPCHEM1\FID E\Data\FE052118AL\  
 Data File : FE027459.D  
 Signal(s) : FID1B.CH  
 Acq On : 21 May 2018 15:48  
 Operator : UA/AJ  
 Sample : 20 PPM ALIPHATIC HC STD ICV  
 Misc :  
 ALS Vial : 7 Sample Multiplier: 1

Integration File: autoint1.e  
 Quant Time: May 22 05:19:26 2018  
 Quant Method : P:\HPCHEM1\FID\_E\methods\Alaphatic EPH 052118.M  
 Quant Title : GC Extractables  
 QLast Update : Mon May 21 17:13:22 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

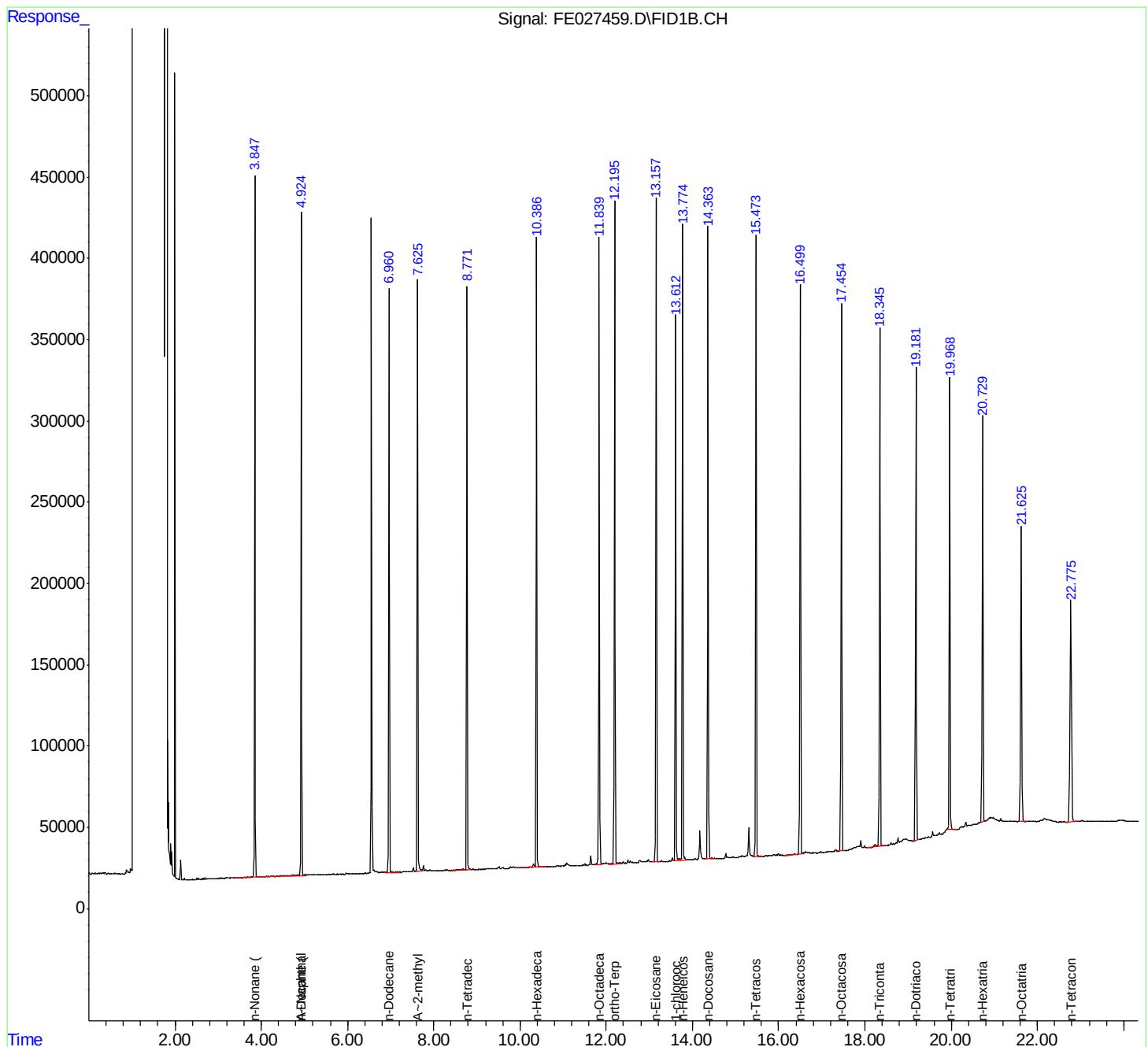
| Compound                       | R.T.   | Response   | Conc Units   |
|--------------------------------|--------|------------|--------------|
| -----                          |        |            |              |
| System Monitoring Compounds    |        |            |              |
| 9) S ortho-Terphenyl (SURR)    | 12.193 | 4105140    | 20.227 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.45%       |
| 12) S 1-chlorooctadecane (S... | 13.611 | 3420793    | 20.421 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.84%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.847  | 3313578    | 20.169 ug/ml |
| 2) T n-Decane (C10)            | 4.925  | 3475645    | 20.959 ug/ml |
| 3) T A-Naphthalene (C11.7)     | 4.925  | 3475645    | 19.215 ug/ml |
| 4) T n-Dodecane (C12)          | 6.960  | 3426376    | 19.885 ug/ml |
| 5) T A-2-methylnaphthalene...  | 7.623  | 3754585    | 19.895 ug/ml |
| 6) T n-Tetradecane (C14)       | 8.770  | 3659101    | 20.288 ug/ml |
| 7) T n-Hexadecane (C16)        | 10.385 | 3868034    | 20.670 ug/ml |
| 8) T n-Octadecane (C18)        | 11.838 | 3907471    | 20.383 ug/ml |
| 10) T n-Eicosane (C20)         | 13.156 | 4005214    | 20.060 ug/ml |
| 11) T n-Heneicosane (C21)      | 13.773 | 4068303    | 20.486 ug/ml |
| 13) T n-Docosane (C22)         | 14.363 | 4051986    | 20.352 ug/ml |
| 14) T n-Tetracosane (C24)      | 15.472 | 4005515    | 20.382 ug/ml |
| 15) T n-Hexacosane (C26)       | 16.498 | 3920316    | 20.685 ug/ml |
| 16) T n-Octacosane (C28)       | 17.453 | 3782591    | 20.347 ug/ml |
| 17) T n-Tricontane (C30)       | 18.343 | 3643923    | 20.666 ug/ml |
| 18) T n-Dotriacontane (C32)    | 19.180 | 3382476    | 20.222 ug/ml |
| 19) T n-Tetratriacontane (C34) | 19.967 | 3285984    | 20.340 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 20.728 | 3203154    | 20.247 ug/ml |
| 21) T n-Octatriacontane (C38)  | 21.624 | 3207667    | 20.567 ug/ml |
| 22) T n-Tetracontane (C40)     | 22.775 | 3216572    | 20.457 ug/ml |
| -----                          |        |            |              |

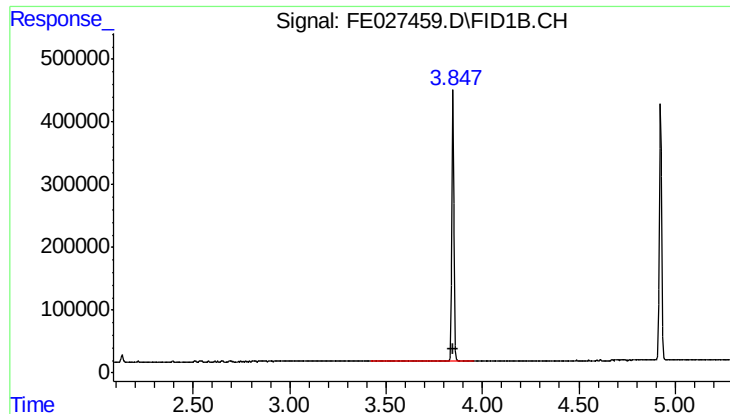
(f)=RT Delta > 1/2 Window

(m)=manual int.

Integration File: autoint1.e  
Quant Time: May 22 05:19:26 2018  
Quant Method : P:\HPCHEM1\FID\_E\methods\Alaphatic EPH 052118.M  
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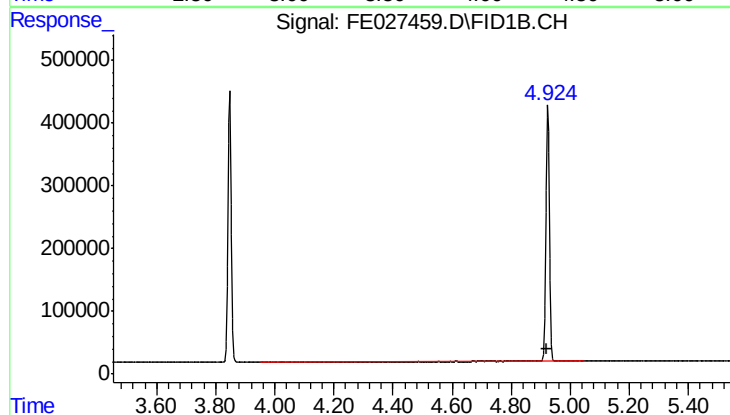
Volume Inj. : 1 ul  
Signal Phase : Rxi-1ms  
Signal Info : 20M x 0.18mm x 0.18um





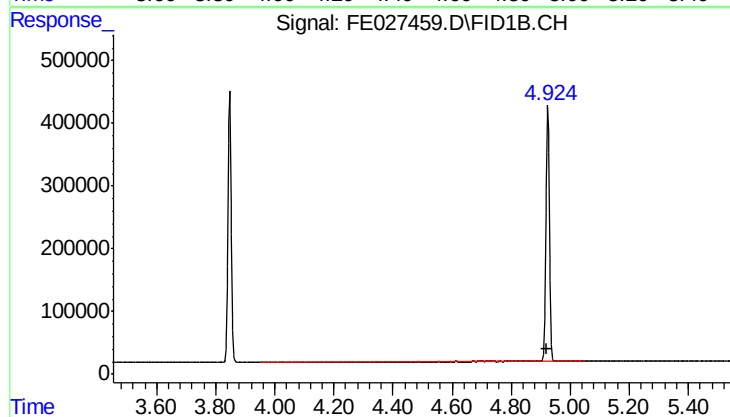
#1 n-Nonane (C9)

R.T.: 3.847 min  
Delta R.T.: 0.000 min  
Response: 3313578  
Conc: 20.17 ug/ml



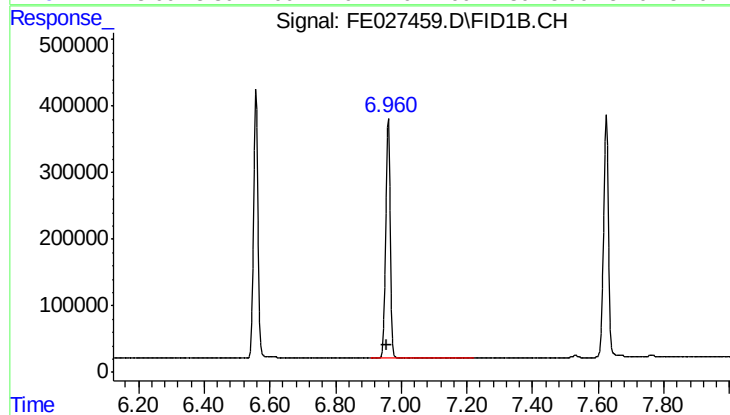
#2 n-Decane (C10)

R.T.: 4.925 min  
Delta R.T.: 0.003 min  
Response: 3475645  
Conc: 20.96 ug/ml



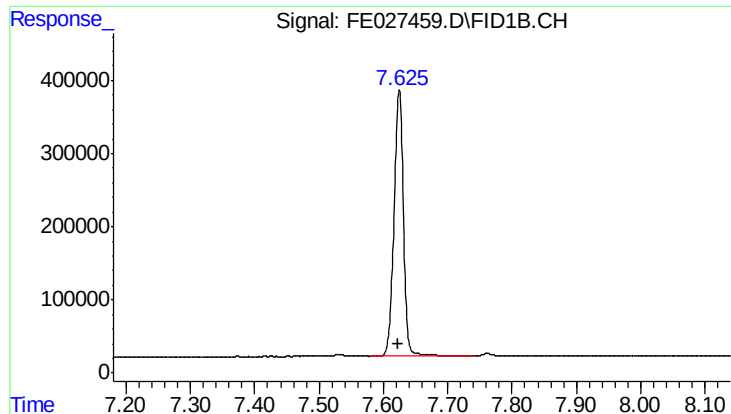
#3 A-Naphthalene (C11.7)

R.T.: 4.925 min  
Delta R.T.: 0.003 min  
Response: 3475645  
Conc: 19.22 ug/ml



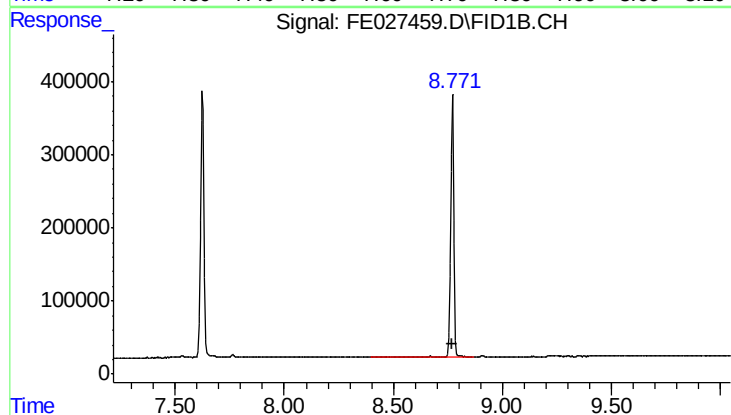
#4 n-Dodecane (C12)

R.T.: 6.960 min  
Delta R.T.: 0.003 min  
Response: 3426376  
Conc: 19.88 ug/ml



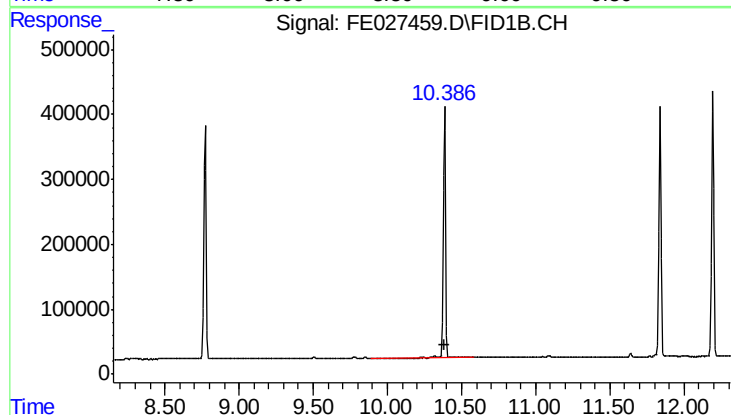
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.623 min  
Delta R.T.: 0.001 min  
Response: 3754585  
Conc: 19.90 ug/ml



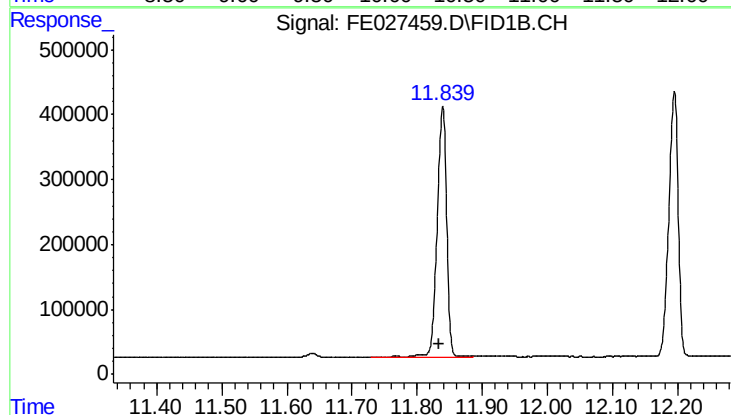
#6 n-Tetradecane (C14)

R.T.: 8.770 min  
Delta R.T.: 0.001 min  
Response: 3659101  
Conc: 20.29 ug/ml



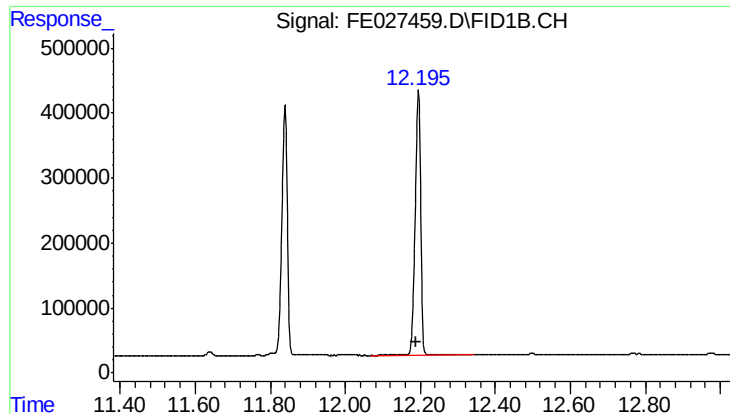
#7 n-Hexadecane (C16)

R.T.: 10.385 min  
Delta R.T.: 0.003 min  
Response: 3868034  
Conc: 20.67 ug/ml



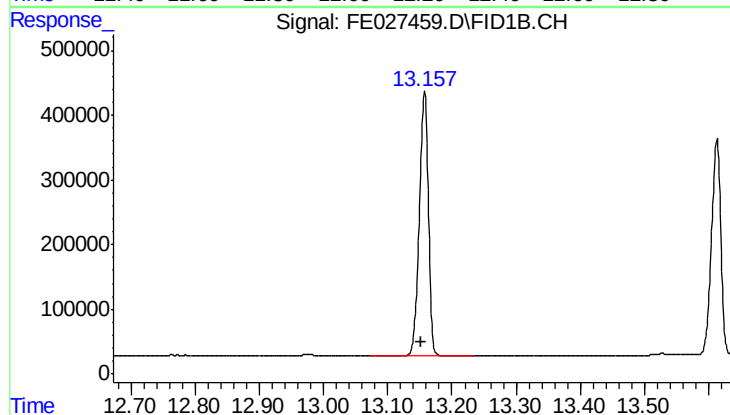
#8 n-Octadecane (C18)

R.T.: 11.838 min  
Delta R.T.: 0.003 min  
Response: 3907471  
Conc: 20.38 ug/ml



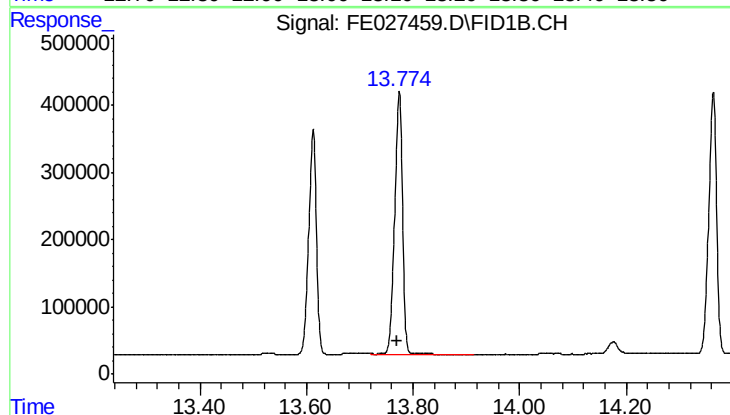
#9 ortho-Terphenyl (SURR)

R.T.: 12.193 min  
Delta R.T.: 0.004 min  
Response: 4105140  
Conc: 20.23 ug/ml



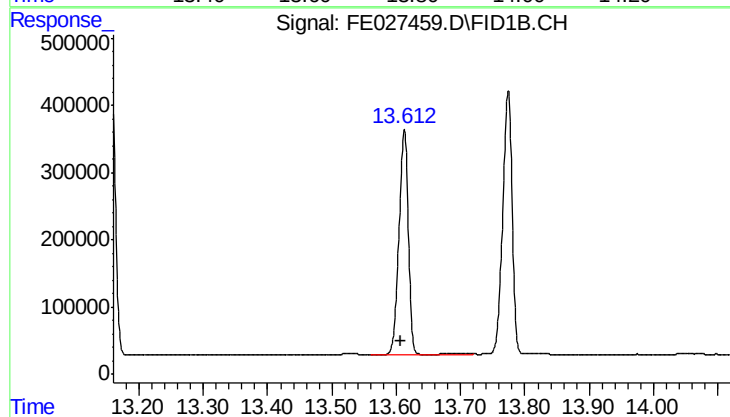
#10 n-Eicosane (C20)

R.T.: 13.156 min  
Delta R.T.: 0.002 min  
Response: 4005214  
Conc: 20.06 ug/ml



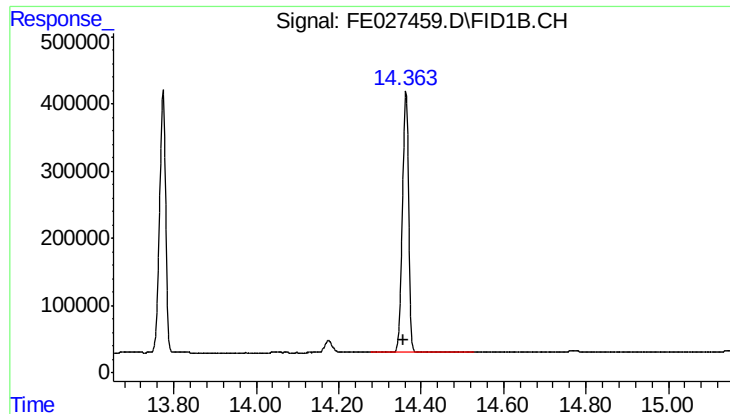
#11 n-Heneicosane (C21)

R.T.: 13.773 min  
Delta R.T.: 0.004 min  
Response: 4068303  
Conc: 20.49 ug/ml



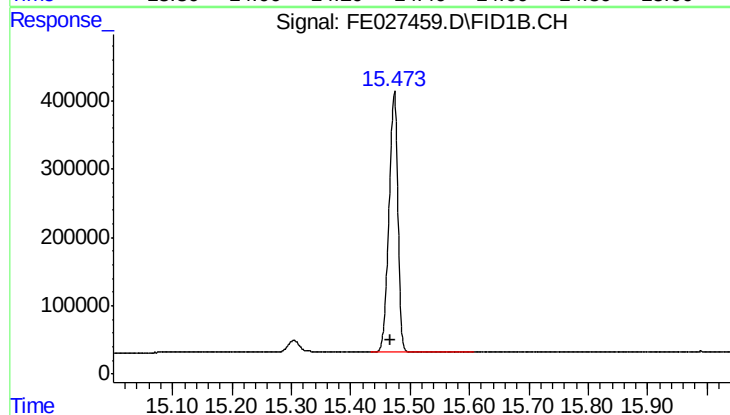
#12 1-chlorooctadecane (SURR)

R.T.: 13.611 min  
Delta R.T.: 0.003 min  
Response: 3420793  
Conc: 20.42 ug/ml



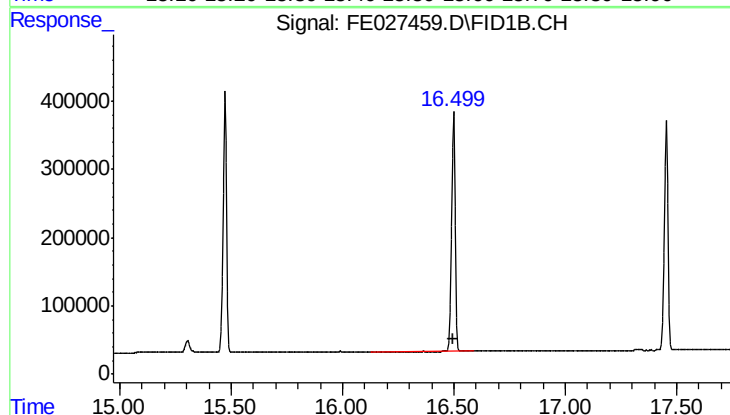
#13 n-Docosane (C22)

R.T.: 14.363 min  
Delta R.T.: 0.005 min  
Response: 4051986  
Conc: 20.35 ug/ml



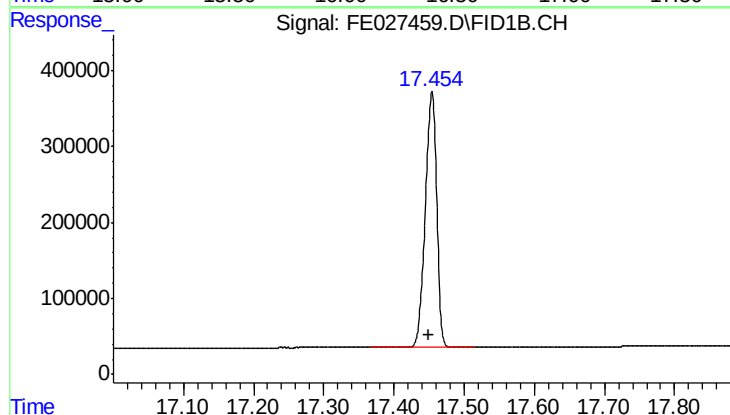
#14 n-Tetracosane (C24)

R.T.: 15.472 min  
Delta R.T.: 0.004 min  
Response: 4005515  
Conc: 20.38 ug/ml



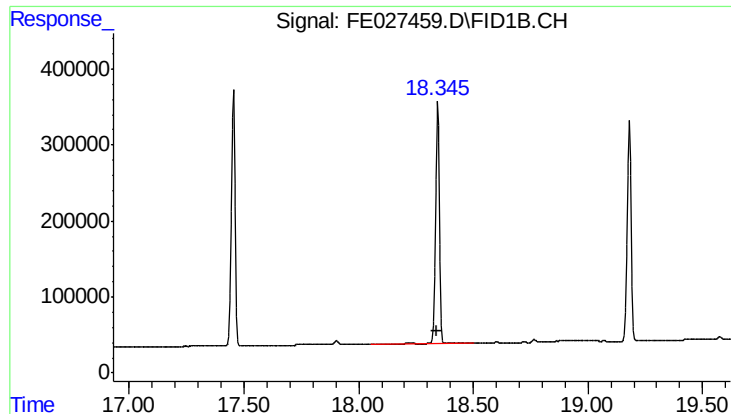
#15 n-Hexacosane (C26)

R.T.: 16.498 min  
Delta R.T.: 0.003 min  
Response: 3920316  
Conc: 20.69 ug/ml



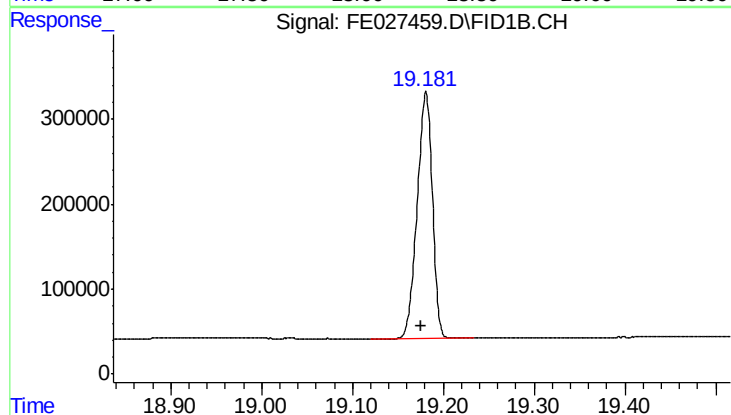
#16 n-Octacosane (C28)

R.T.: 17.453 min  
Delta R.T.: 0.004 min  
Response: 3782591  
Conc: 20.35 ug/ml



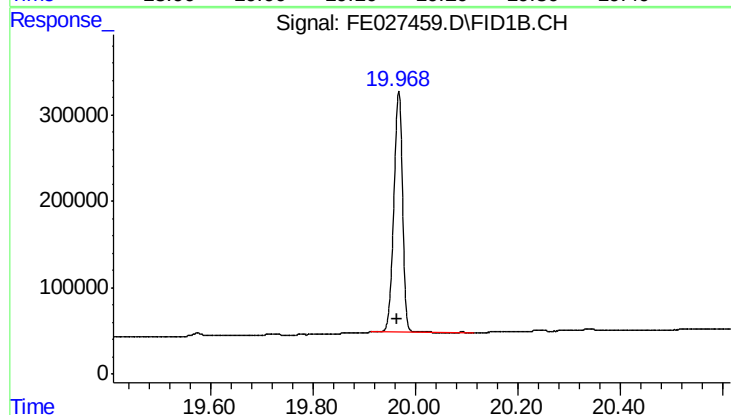
#17 n-Tricontane (C30)

R.T.: 18.343 min  
Delta R.T.: 0.002 min  
Response: 3643923  
Conc: 20.67 ug/ml



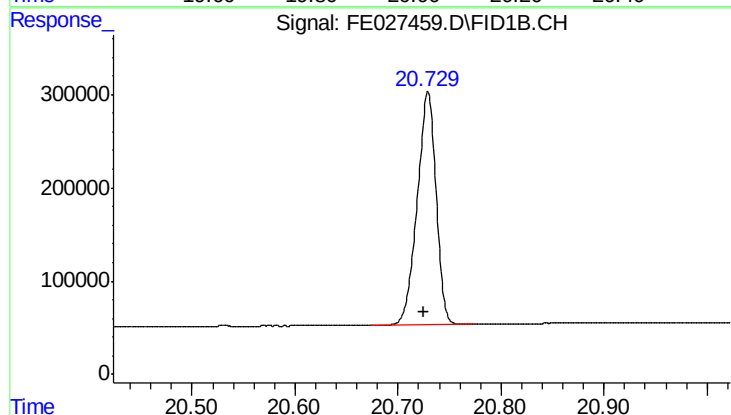
#18 n-Dotriacontane (C32)

R.T.: 19.180 min  
Delta R.T.: 0.004 min  
Response: 3382476  
Conc: 20.22 ug/ml



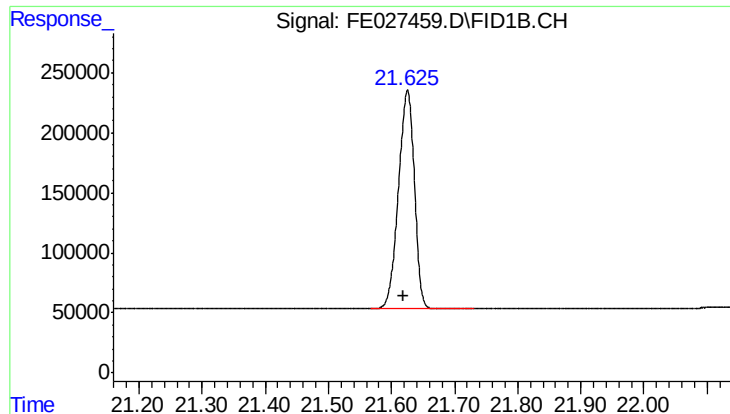
#19 n-Tetratriacontane (C34)

R.T.: 19.967 min  
Delta R.T.: 0.003 min  
Response: 3285984  
Conc: 20.34 ug/ml



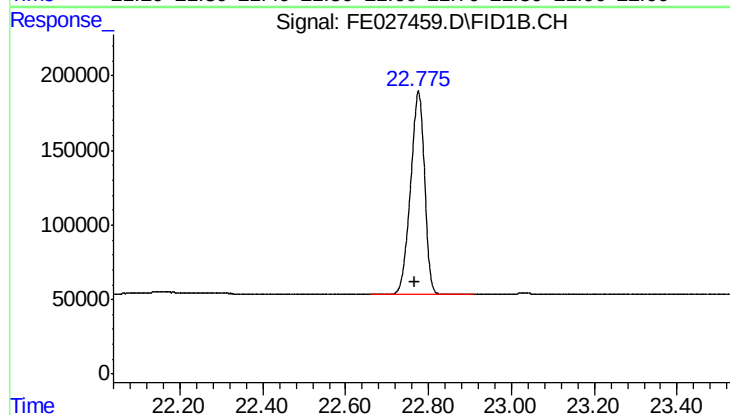
#20 n-Hexatriacontane (C36)

R.T.: 20.728 min  
Delta R.T.: 0.003 min  
Response: 3203154  
Conc: 20.25 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.624 min  
Delta R.T.: 0.005 min  
Response: 3207667  
Conc: 20.57 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.775 min  
Delta R.T.: 0.007 min  
Response: 3216572  
Conc: 20.46 ug/ml