

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD020419AL\  
 Data File : FD027565.D  
 Signal(s) : FID2B.CH  
 Acq On : 05 Feb 2019 2:20  
 Operator : AJ\SJ  
 Sample : 20 PPM ALIPHATIC HC STD3  
 Misc :  
 ALS Vial : 60 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :  
 20 PPM ALIPHATIC HC STD3

Integration File: autoint1.e  
 Quant Time: Feb 05 08:18:45 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Alaphatic EPH 020419.M  
 Quant Title : GC Extractables  
 QLast Update : Tue Feb 05 08:16:29 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)    | 11.233 | 2231872    | 20.000 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.00%       |
| 12) S 1-chlorooctadecane (S... | 12.676 | 1666335    | 20.000 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.00%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 3.067  | 1603432    | 20.000 ug/ml |
| 2) T n-Decane (C10)            | 4.125  | 1604246    | 20.000 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.680  | 1819911    | 20.000 ug/ml |
| 4) T n-Dodecane (C12)          | 6.132  | 1586343    | 20.000 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.730  | 1823305    | 20.000 ug/ml |
| 6) T n-Tetradecane (C14)       | 7.915  | 1613152    | 20.000 ug/ml |
| 7) T n-Hexadecane (C16)        | 9.506  | 1626965    | 20.000 ug/ml |
| 8) T n-Octadecane (C18)        | 10.938 | 1646084    | 20.000 ug/ml |
| 10) T n-Eicosane (C20)         | 12.239 | 1663896    | 20.000 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.847 | 1647059    | 20.000 ug/ml |
| 13) T n-Docosane (C22)         | 13.431 | 1657855    | 20.000 ug/ml |
| 14) T n-Tetracosane (C24)      | 14.526 | 1676271    | 20.000 ug/ml |
| 15) T n-Hexacosane (C26)       | 15.541 | 1675259    | 20.000 ug/ml |
| 16) T n-Octacosane (C28)       | 16.484 | 1689087    | 20.000 ug/ml |
| 17) T n-Tricontane (C30)       | 17.365 | 1664678    | 20.000 ug/ml |
| 18) T n-Dotriacontane (C32)    | 18.192 | 1617619    | 20.000 ug/ml |
| 19) T n-Tetratriacontane (C34) | 18.969 | 1422944    | 20.000 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.703 | 1258216    | 20.000 ug/ml |
| 21) T n-Octatriacontane (C38)  | 20.399 | 1178371    | 20.000 ug/ml |
| 22) T n-Tetracontane (C40)     | 21.175 | 1148788    | 20.000 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

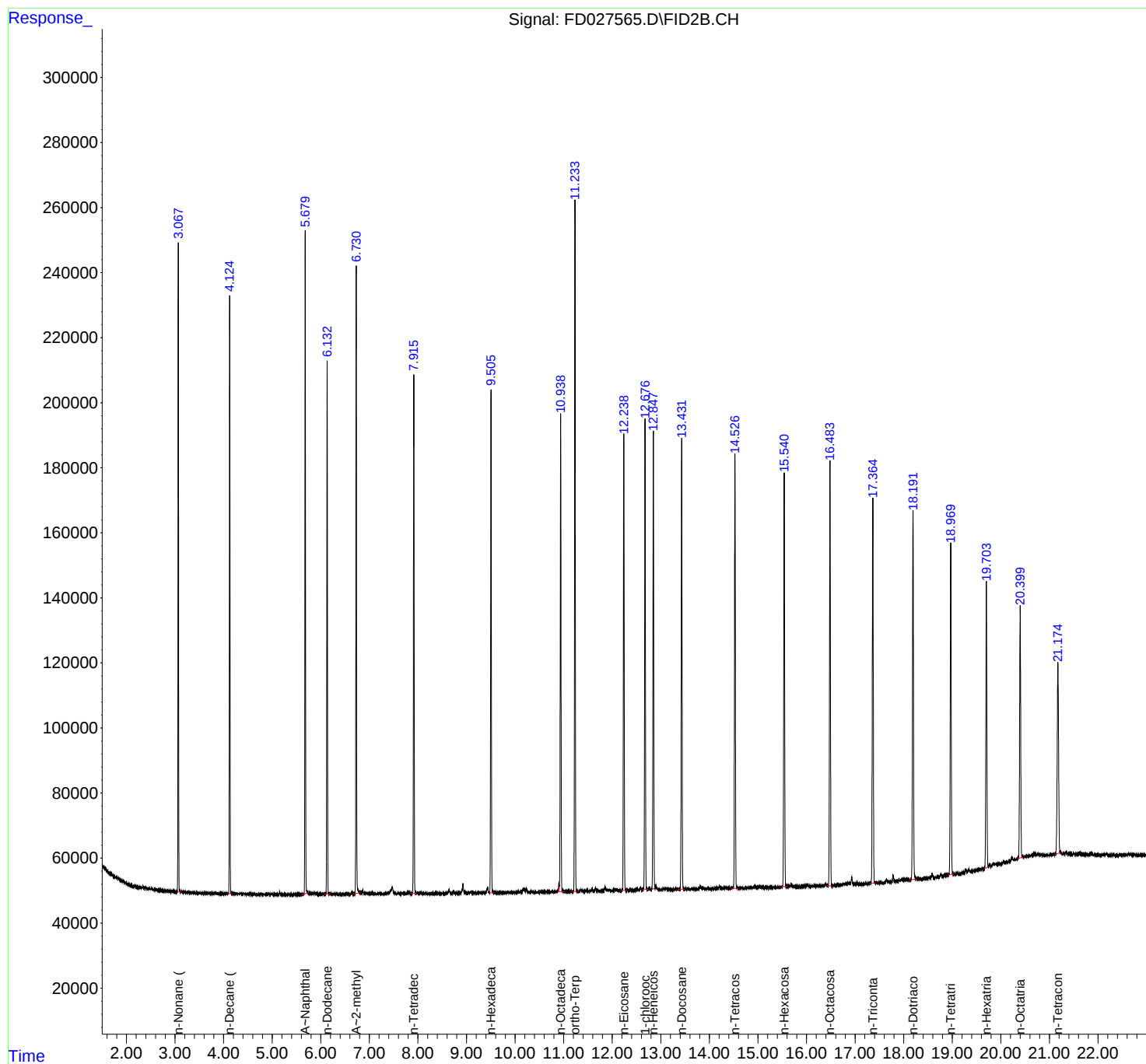
(m)=manual int.

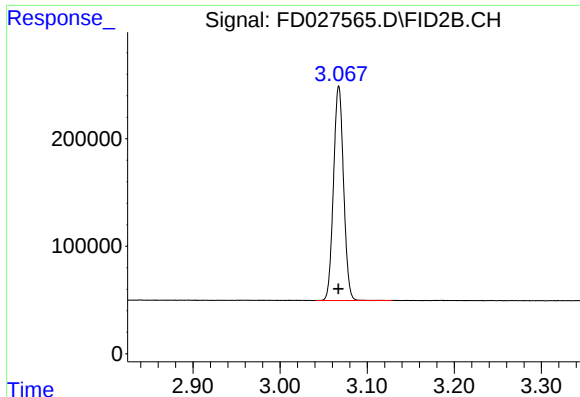
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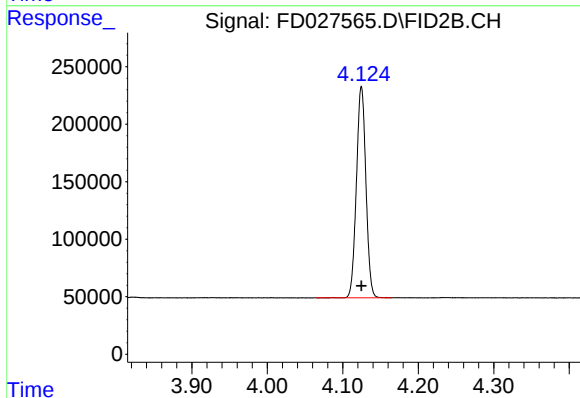




#1 n-Nonane (C9)

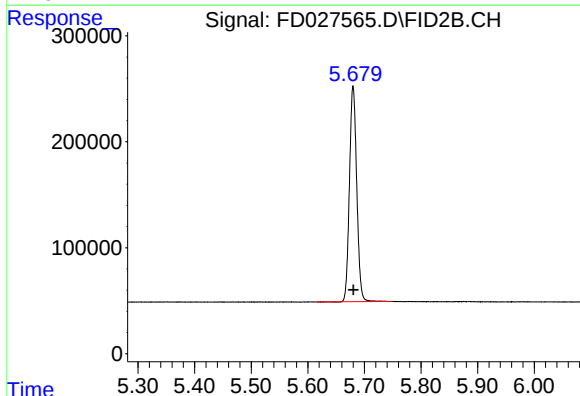
R.T.: 3.067 min  
Delta R.T.: 0.000 min  
Response: 1603432  
Conc: 20.00 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
20 PPM ALIPHATIC HC STD3



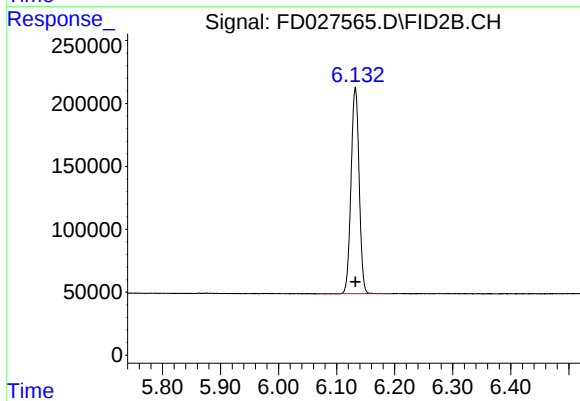
#2 n-Decane (C10)

R.T.: 4.125 min  
Delta R.T.: 0.000 min  
Response: 1604246  
Conc: 20.00 ug/ml



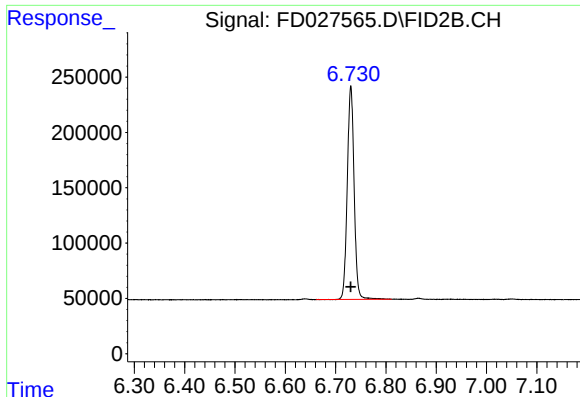
#3 A~Naphthalene (C11.7)

R.T.: 5.680 min  
Delta R.T.: 0.000 min  
Response: 1819911  
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

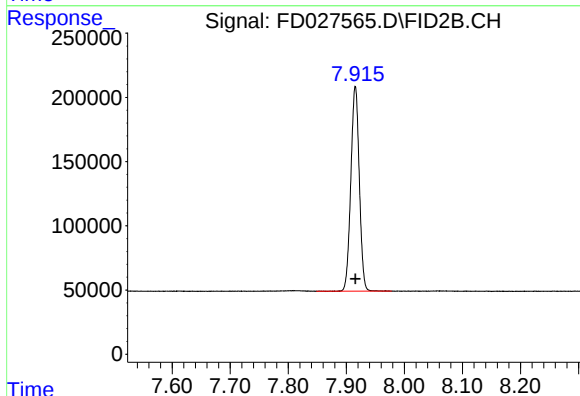
R.T.: 6.132 min  
Delta R.T.: 0.000 min  
Response: 1586343  
Conc: 20.00 ug/ml



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

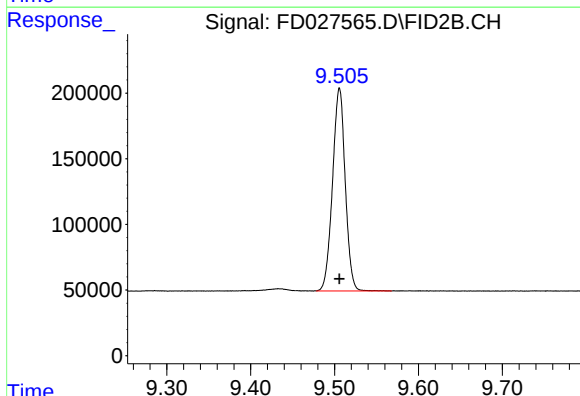
R.T.: 6.730 min  
Delta R.T.: 0.000 min  
Response: 1823305  
Conc: 20.00 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
20 PPM ALIPHATIC HC STD3



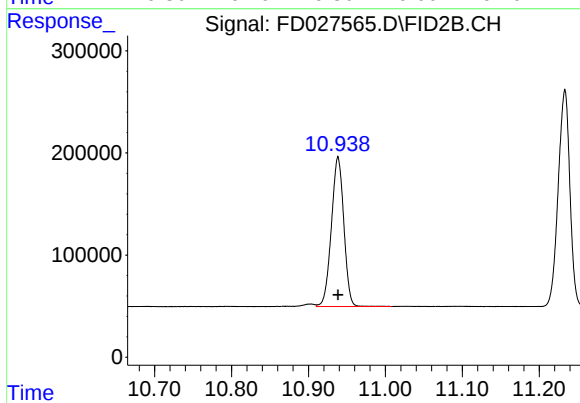
#6 n-Tetradecane (C14)

R.T.: 7.915 min  
Delta R.T.: 0.000 min  
Response: 1613152  
Conc: 20.00 ug/ml



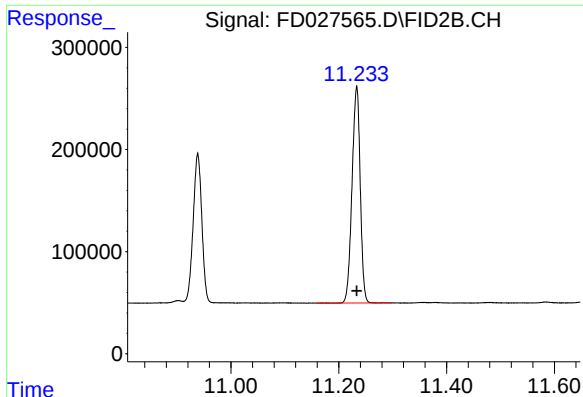
#7 n-Hexadecane (C16)

R.T.: 9.506 min  
Delta R.T.: 0.000 min  
Response: 1626965  
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

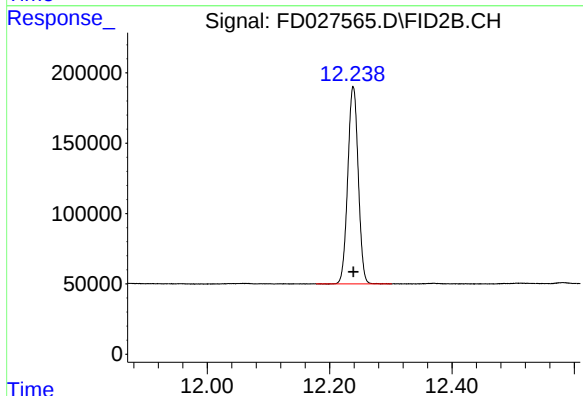
R.T.: 10.938 min  
Delta R.T.: 0.000 min  
Response: 1646084  
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

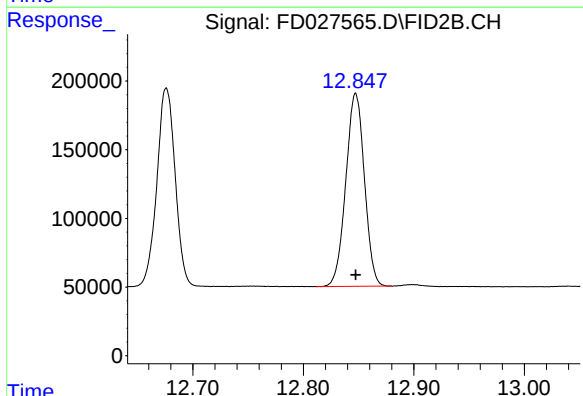
R.T.: 11.233 min  
Delta R.T.: 0.000 min  
Response: 2231872  
Conc: 20.00 ug/ml

Instrument :  
FID\_D  
ClientSampleId :  
20 PPM ALIPHATIC HC STD3



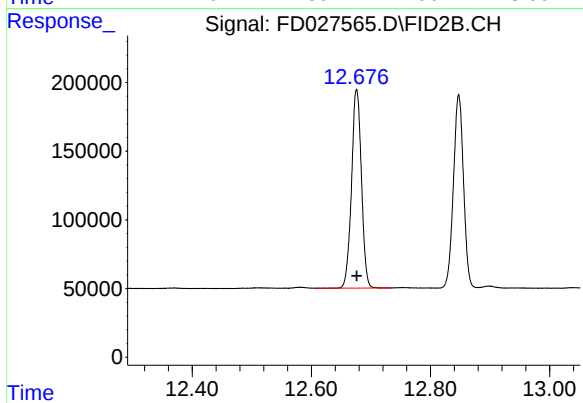
#10 n-Eicosane (C20)

R.T.: 12.239 min  
Delta R.T.: 0.000 min  
Response: 1663896  
Conc: 20.00 ug/ml



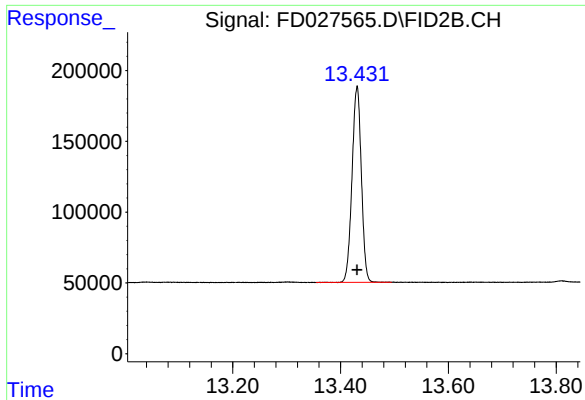
#11 n-Heneicosane (C21)

R.T.: 12.847 min  
Delta R.T.: 0.000 min  
Response: 1647059  
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

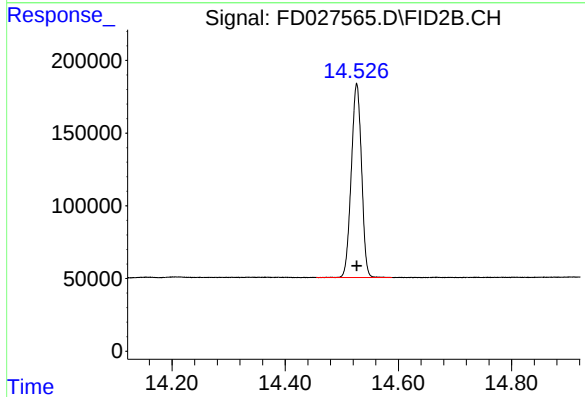
R.T.: 12.676 min  
Delta R.T.: 0.000 min  
Response: 1666335  
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

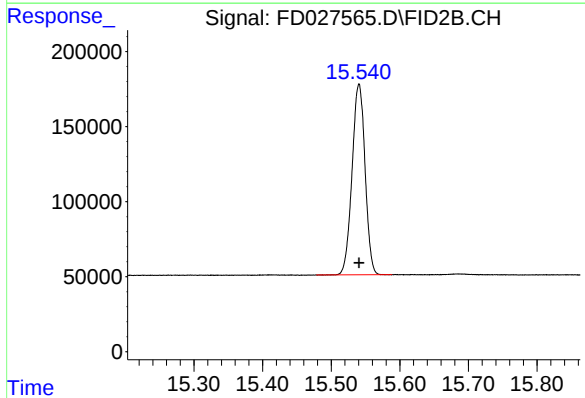
R.T.: 13.431 min  
Delta R.T.: 0.000 min  
Response: 1657855  
Conc: 20.00 ug/ml

Instrument :  
FID\_D  
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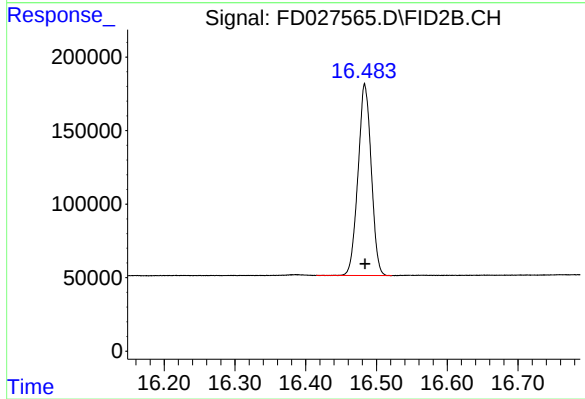
#14 n-Tetracosane (C24)

R.T.: 14.526 min  
Delta R.T.: 0.000 min  
Response: 1676271  
Conc: 20.00 ug/ml



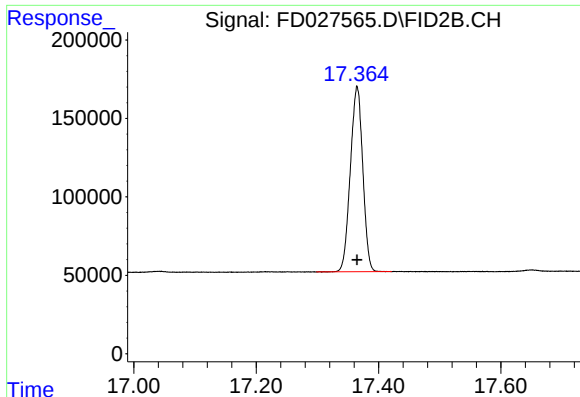
#15 n-Hexacosane (C26)

R.T.: 15.541 min  
Delta R.T.: 0.000 min  
Response: 1675259  
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

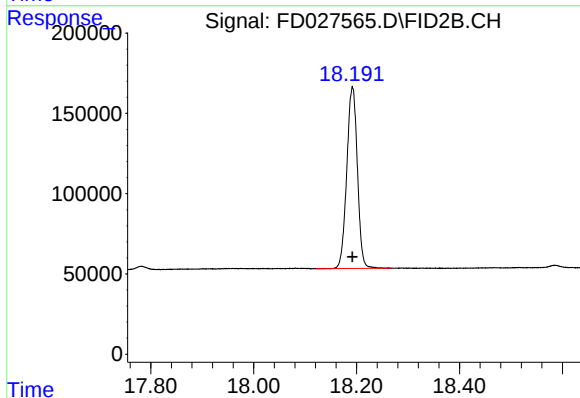
R.T.: 16.484 min  
Delta R.T.: 0.000 min  
Response: 1689087  
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

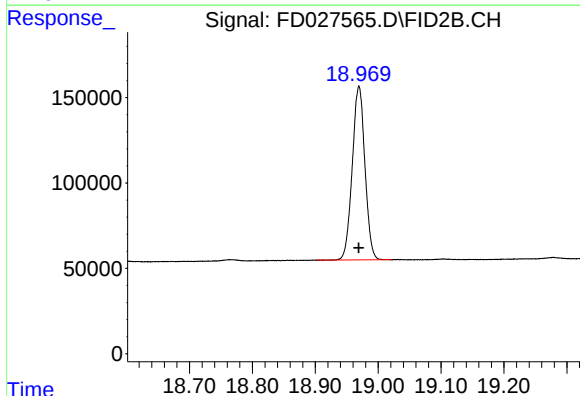
R.T.: 17.365 min  
Delta R.T.: 0.000 min  
Response: 1664678  
Conc: 20.00 ug/ml

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FID\_D  
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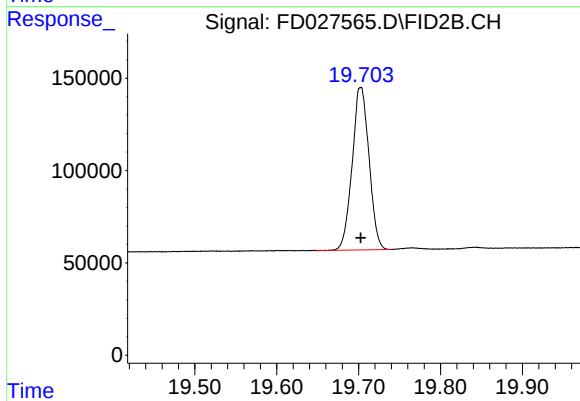
#18 n-Dotriacontane (C32)

R.T.: 18.192 min  
Delta R.T.: 0.000 min  
Response: 1617619  
Conc: 20.00 ug/ml



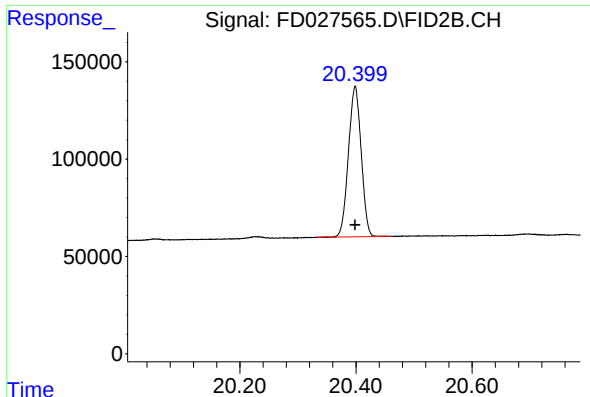
#19 n-Tetratriacontane (C34)

R.T.: 18.969 min  
Delta R.T.: 0.000 min  
Response: 1422944  
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

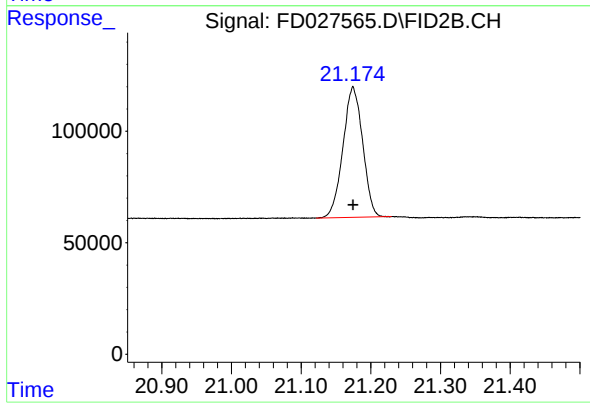
R.T.: 19.703 min  
Delta R.T.: 0.000 min  
Response: 1258216  
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.399 min  
Delta R.T.: 0.000 min  
Response: 1178371  
Conc: 20.00 ug/ml

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FID\_D  
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20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 21.175 min  
Delta R.T.: 0.000 min  
Response: 1148788  
Conc: 20.00 ug/ml