

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD010422AL\  
 Data File : FD040411.D  
 Signal(s) : FID2B.CH  
 Acq On : 05 Jan 2022 5:40  
 Operator : AJ\MA  
 Sample : 20 PPM ALIPHATIC HC STD3  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

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

Integration File: autoint1.e  
 Quant Time: Jan 05 06:26:48 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 010422.M  
 Quant Title : GC Extractables  
 QLast Update : Wed Jan 05 06:25:38 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)    | 10.632 | 3133238    | 20.000 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.00%       |
| 12) S 1-chlorooctadecane (S... | 12.071 | 2407937    | 20.000 ug/ml |
| Spiked Amount 50.000           |        | Recovery = | 40.00%       |
| Target Compounds               |        |            |              |
| 1) T n-Nonane (C9)             | 2.576  | 2614118    | 20.000 ug/ml |
| 2) T n-Decane (C10)            | 3.564  | 2628313    | 20.000 ug/ml |
| 3) T A~Naphthalene (C11.7)     | 5.096  | 2923364    | 20.000 ug/ml |
| 4) T n-Dodecane (C12)          | 5.534  | 2609854    | 20.000 ug/ml |
| 5) T A~2-methylnaphthalene...  | 6.137  | 2905747    | 20.000 ug/ml |
| 6) T n-Tetradecane (C14)       | 7.312  | 2649702    | 20.000 ug/ml |
| 7) T n-Hexadecane (C16)        | 8.900  | 2661097    | 20.000 ug/ml |
| 8) T n-Octadecane (C18)        | 10.332 | 2765626    | 20.000 ug/ml |
| 10) T n-Eicosane (C20)         | 11.632 | 2768744    | 20.000 ug/ml |
| 11) T n-Heneicosane (C21)      | 12.241 | 2824345    | 20.000 ug/ml |
| 13) T n-Docosane (C22)         | 12.824 | 2821839    | 20.000 ug/ml |
| 14) T n-Tetracosane (C24)      | 13.921 | 2856446    | 20.000 ug/ml |
| 15) T n-Hexacosane (C26)       | 14.935 | 2824840    | 20.000 ug/ml |
| 16) T n-Octacosane (C28)       | 15.881 | 2787530    | 20.000 ug/ml |
| 17) T n-Tricontane (C30)       | 16.763 | 2663436    | 20.000 ug/ml |
| 18) T n-Dotriacontane (C32)    | 17.590 | 2461337    | 20.000 ug/ml |
| 19) T n-Tetratriacontane (C34) | 18.370 | 2128555    | 20.000 ug/ml |
| 20) T n-Hexatriacontane (C36)  | 19.107 | 2001351    | 20.000 ug/ml |
| 21) T n-Octatriacontane (C38)  | 19.805 | 1827459    | 20.000 ug/ml |
| 22) T n-Tetracontane (C40)     | 20.609 | 1781947    | 20.000 ug/ml |
| -----                          |        |            |              |

(f)=RT Delta > 1/2 Window

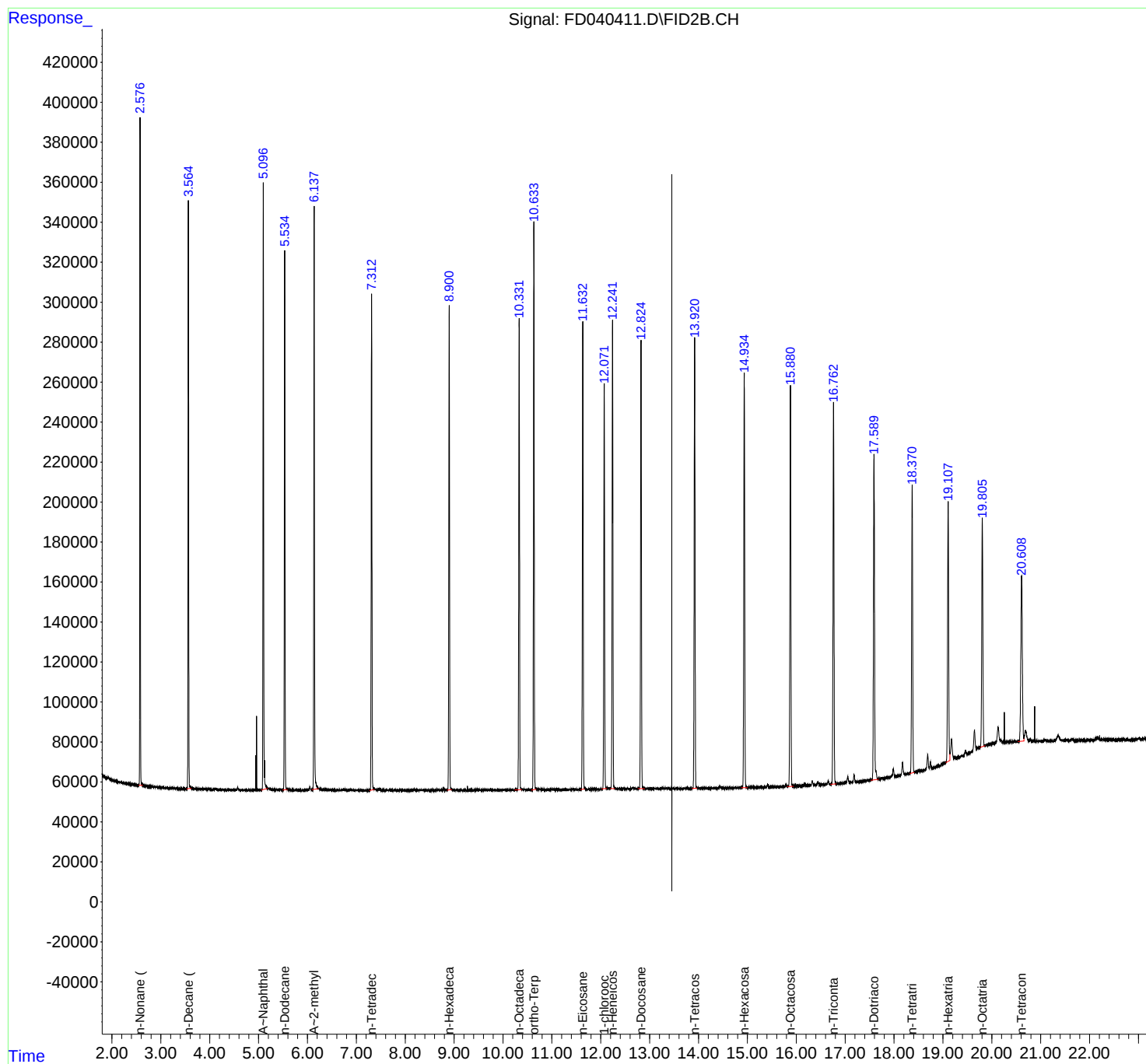
(m)=manual int.

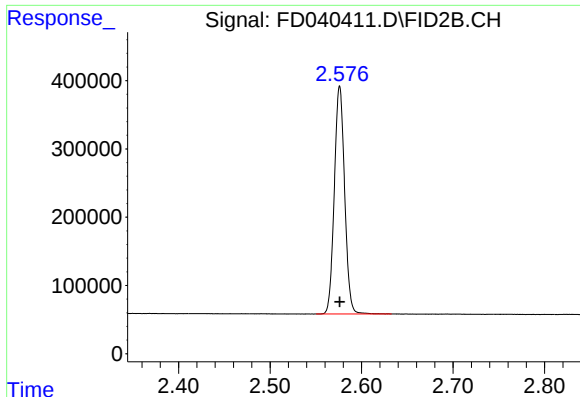
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Volume Inj. : 1 ul  
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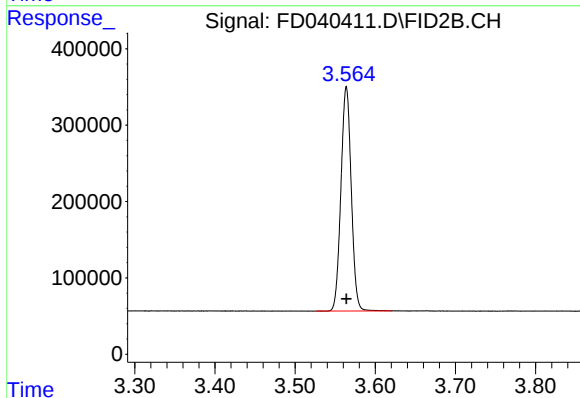




#1 n-Nonane (C9)

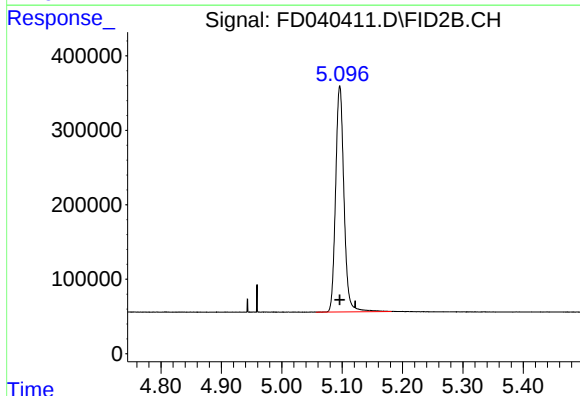
R.T.: 2.576 min  
Delta R.T.: 0.000 min  
Response: 2614118  
Conc: 20.00 ug/ml

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



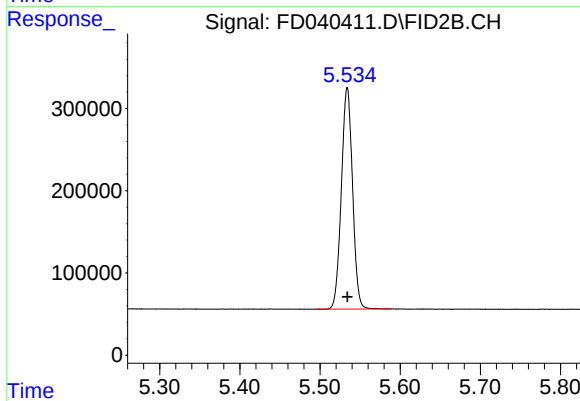
#2 n-Decane (C10)

R.T.: 3.564 min  
Delta R.T.: 0.000 min  
Response: 2628313  
Conc: 20.00 ug/ml



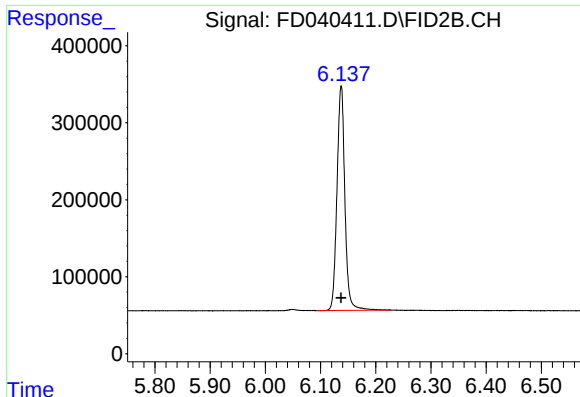
#3 A~Naphthalene (C11.7)

R.T.: 5.096 min  
Delta R.T.: 0.000 min  
Response: 2923364  
Conc: 20.00 ug/ml



#4 n-Dodecane (C12)

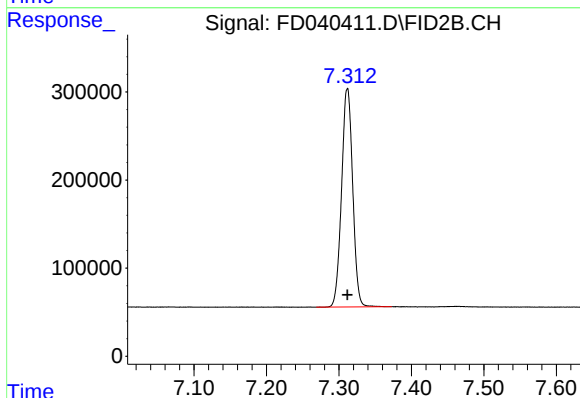
R.T.: 5.534 min  
Delta R.T.: 0.000 min  
Response: 2609854  
Conc: 20.00 ug/ml



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

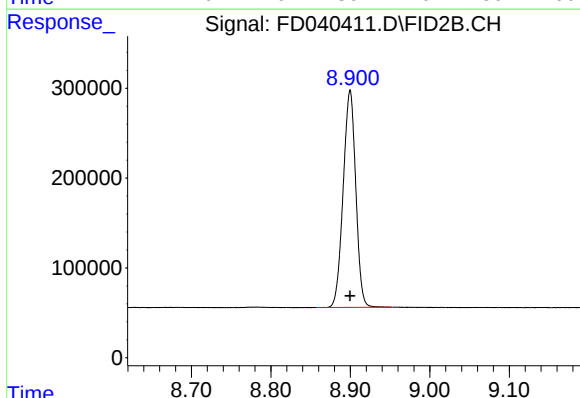
R.T.: 6.137 min  
Delta R.T.: 0.000 min  
Response: 2905747  
Conc: 20.00 ug/ml

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



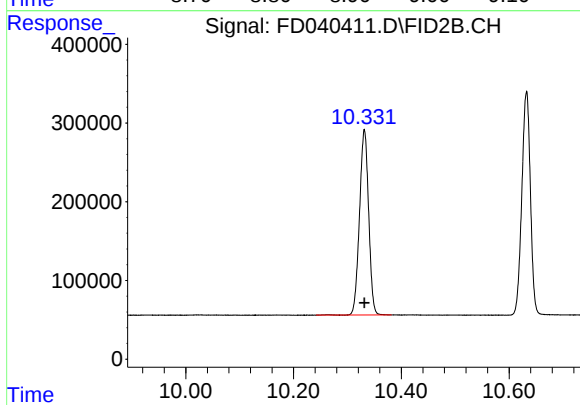
#6 n-Tetradecane (C14)

R.T.: 7.312 min  
Delta R.T.: 0.000 min  
Response: 2649702  
Conc: 20.00 ug/ml



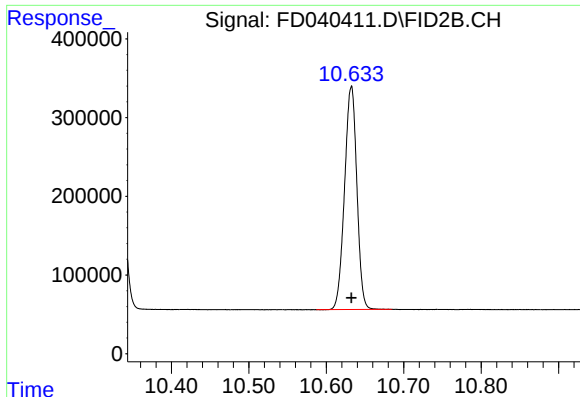
#7 n-Hexadecane (C16)

R.T.: 8.900 min  
Delta R.T.: 0.000 min  
Response: 2661097  
Conc: 20.00 ug/ml



#8 n-Octadecane (C18)

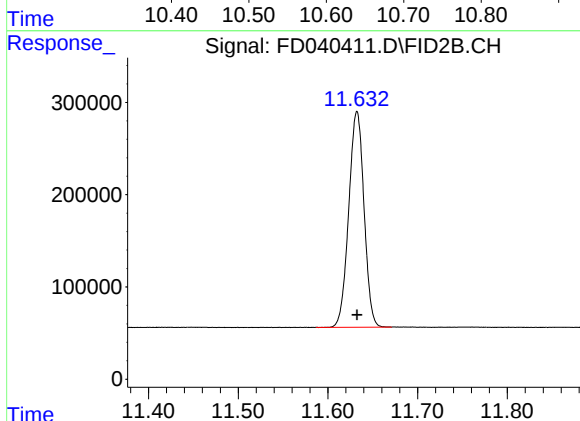
R.T.: 10.332 min  
Delta R.T.: 0.000 min  
Response: 2765626  
Conc: 20.00 ug/ml



#9 ortho-Terphenyl (SURR)

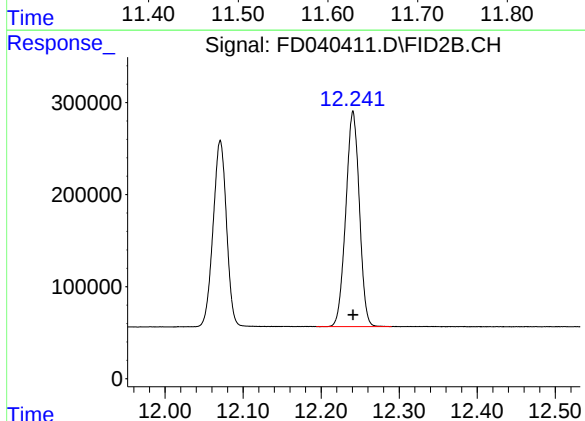
R.T.: 10.632 min  
Delta R.T.: 0.000 min  
Response: 3133238  
Conc: 20.00 ug/ml

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



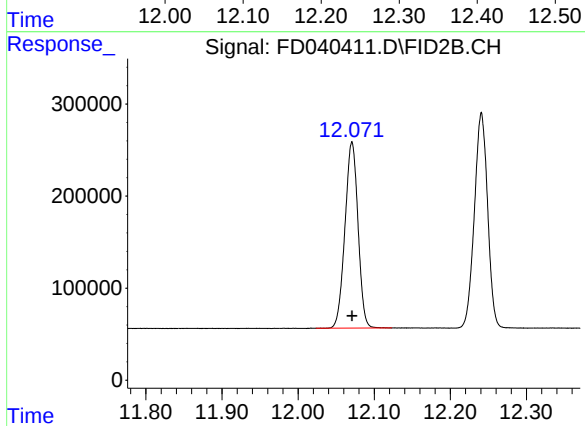
#10 n-Eicosane (C20)

R.T.: 11.632 min  
Delta R.T.: 0.000 min  
Response: 2768744  
Conc: 20.00 ug/ml



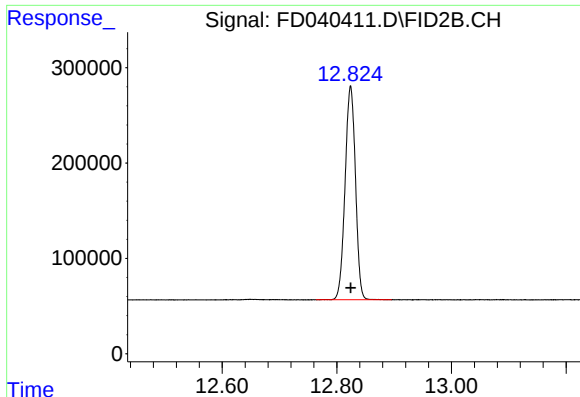
#11 n-Heneicosane (C21)

R.T.: 12.241 min  
Delta R.T.: 0.000 min  
Response: 2824345  
Conc: 20.00 ug/ml



#12 1-chlorooctadecane (SURR)

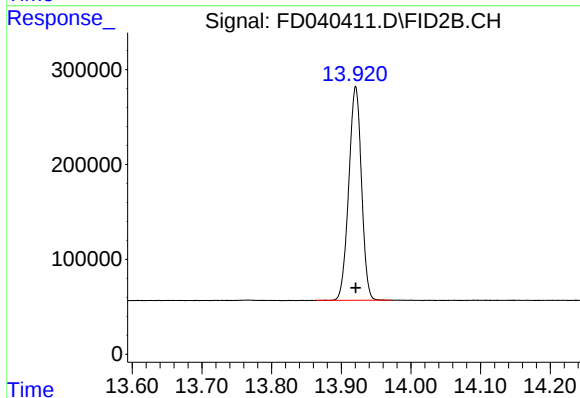
R.T.: 12.071 min  
Delta R.T.: 0.000 min  
Response: 2407937  
Conc: 20.00 ug/ml



#13 n-Docosane (C22)

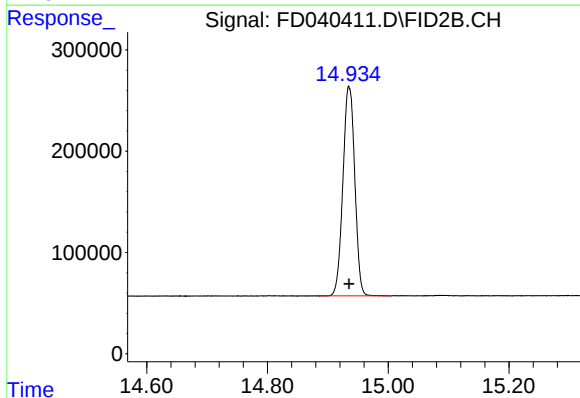
R.T.: 12.824 min  
Delta R.T.: 0.000 min  
Response: 2821839  
Conc: 20.00 ug/ml

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



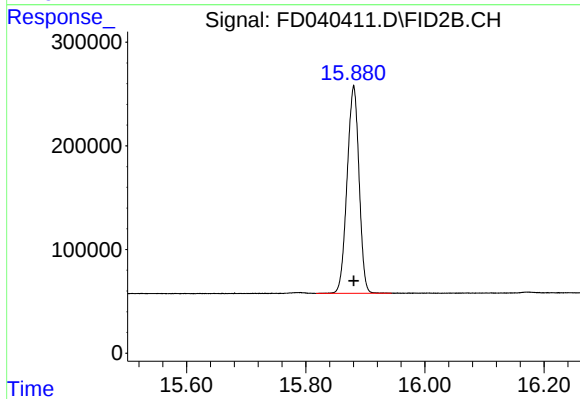
#14 n-Tetracosane (C24)

R.T.: 13.921 min  
Delta R.T.: 0.000 min  
Response: 2856446  
Conc: 20.00 ug/ml



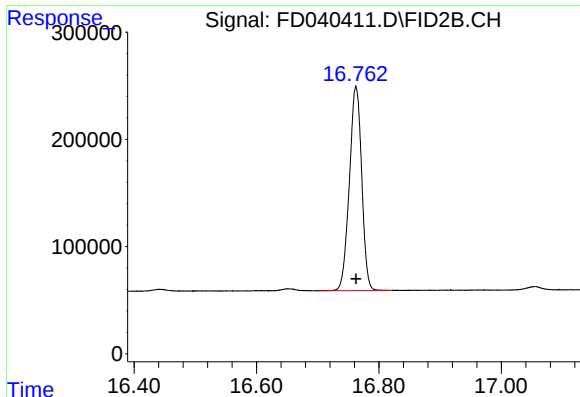
#15 n-Hexacosane (C26)

R.T.: 14.935 min  
Delta R.T.: 0.000 min  
Response: 2824840  
Conc: 20.00 ug/ml



#16 n-Octacosane (C28)

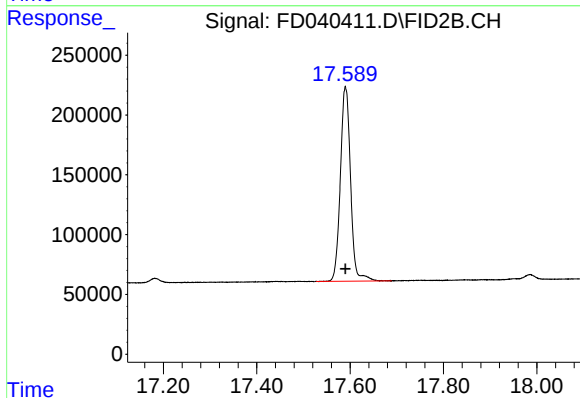
R.T.: 15.881 min  
Delta R.T.: 0.000 min  
Response: 2787530  
Conc: 20.00 ug/ml



#17 n-Tricontane (C30)

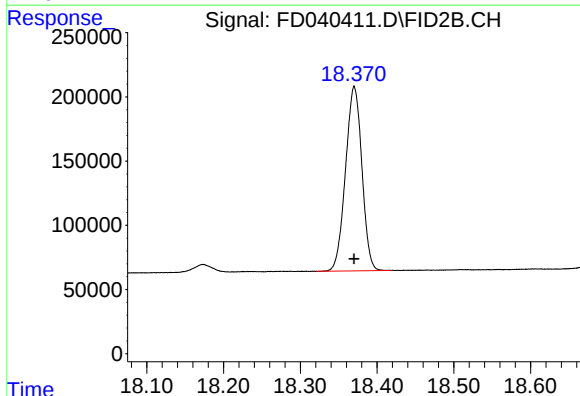
R.T.: 16.763 min  
Delta R.T.: 0.000 min  
Response: 2663436  
Conc: 20.00 ug/ml

Instrument :  
FID\_D  
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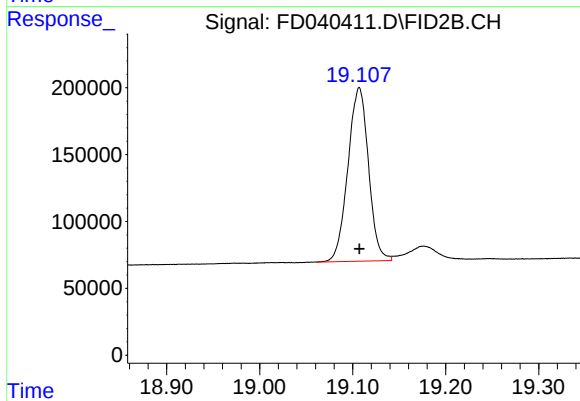
#18 n-Dotriacontane (C32)

R.T.: 17.590 min  
Delta R.T.: 0.000 min  
Response: 2461337  
Conc: 20.00 ug/ml



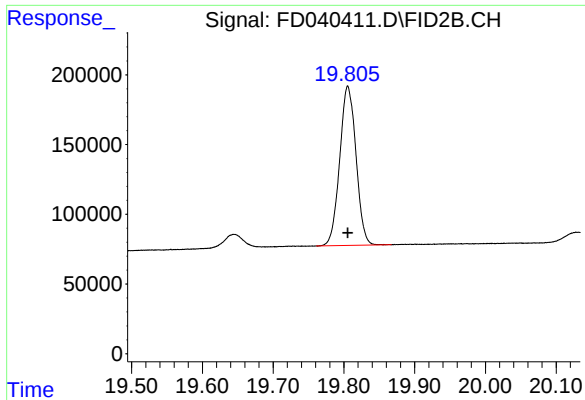
#19 n-Tetratriacontane (C34)

R.T.: 18.370 min  
Delta R.T.: 0.000 min  
Response: 2128555  
Conc: 20.00 ug/ml



#20 n-Hexatriacontane (C36)

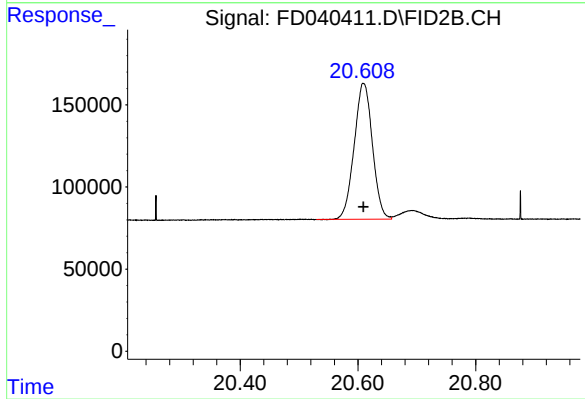
R.T.: 19.107 min  
Delta R.T.: 0.000 min  
Response: 2001351  
Conc: 20.00 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.805 min  
Delta R.T.: 0.000 min  
Response: 1827459  
Conc: 20.00 ug/ml

Instrument :  
FID\_D  
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20 PPM ALIPHATIC HC STD3



#22 n-Tetracontane (C40)

R.T.: 20.609 min  
Delta R.T.: 0.000 min  
Response: 1781947  
Conc: 20.00 ug/ml