

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF052223AL\
 Data File : FF012703.D
 Signal(s) : FID2B.ch
 Acq On : 23 May 2023 03:53
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: May 23 04:16:21 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 051923.M
 Quant Title : GC Extractables
 QLast Update : Fri May 19 12:25:00 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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)	10.904	3058427	19.094 ug/ml
Spiked Amount 50.000		Recovery =	38.19%
12) S 1-chlorooctadecane (S...	12.336	2263587	19.153 ug/ml
Spiked Amount 50.000		Recovery =	38.31%
Target Compounds			
1) T n-Nonane (C9)	2.766	2468509	18.863 ug/ml
2) T n-Decane (C10)	3.774	2552666	19.107 ug/ml
3) T A~Naphthalene (C11.7)	5.340	2609340	18.520 ug/ml
4) T n-Dodecane (C12)	5.760	2577427	19.042 ug/ml
5) T A~2-methylnaphthalene...	6.389	2412993	18.181 ug/ml
6) T n-Tetradecane (C14)	7.549	2539749	18.982 ug/ml
7) T n-Hexadecane (C16)	9.146	2636535	19.045 ug/ml
8) T n-Octadecane (C18)	10.584	2723168	19.130 ug/ml
10) T n-Eicosane (C20)	11.891	2647759	19.253 ug/ml
11) T n-Heneicosane (C21)	12.501	2600648	19.230 ug/ml
13) T n-Docosane (C22)	13.086	2569521	19.195 ug/ml
14) T n-Tetracosane (C24)	14.186	2528667	19.231 ug/ml
15) T n-Hexacosane (C26)	15.206	2455655	19.314 ug/ml
16) T n-Octacosane (C28)	16.153	2386203	19.408 ug/ml
17) T n-Tricontane (C30)	17.040	2439469	19.760 ug/ml
18) T n-Dotriacontane (C32)	17.870	2408743	19.908 ug/ml
19) T n-Tetratriacontane (C34)	18.651	2318411	19.817 ug/ml
20) T n-Hexatriacontane (C36)	19.390	2212483	19.637 ug/ml
21) T n-Octatriacontane (C38)	20.118	2137651	19.192 ug/ml
22) T n-Tetracontane (C40)	21.010	2072760	18.784 ug/ml

(f)=RT Delta > 1/2 Window

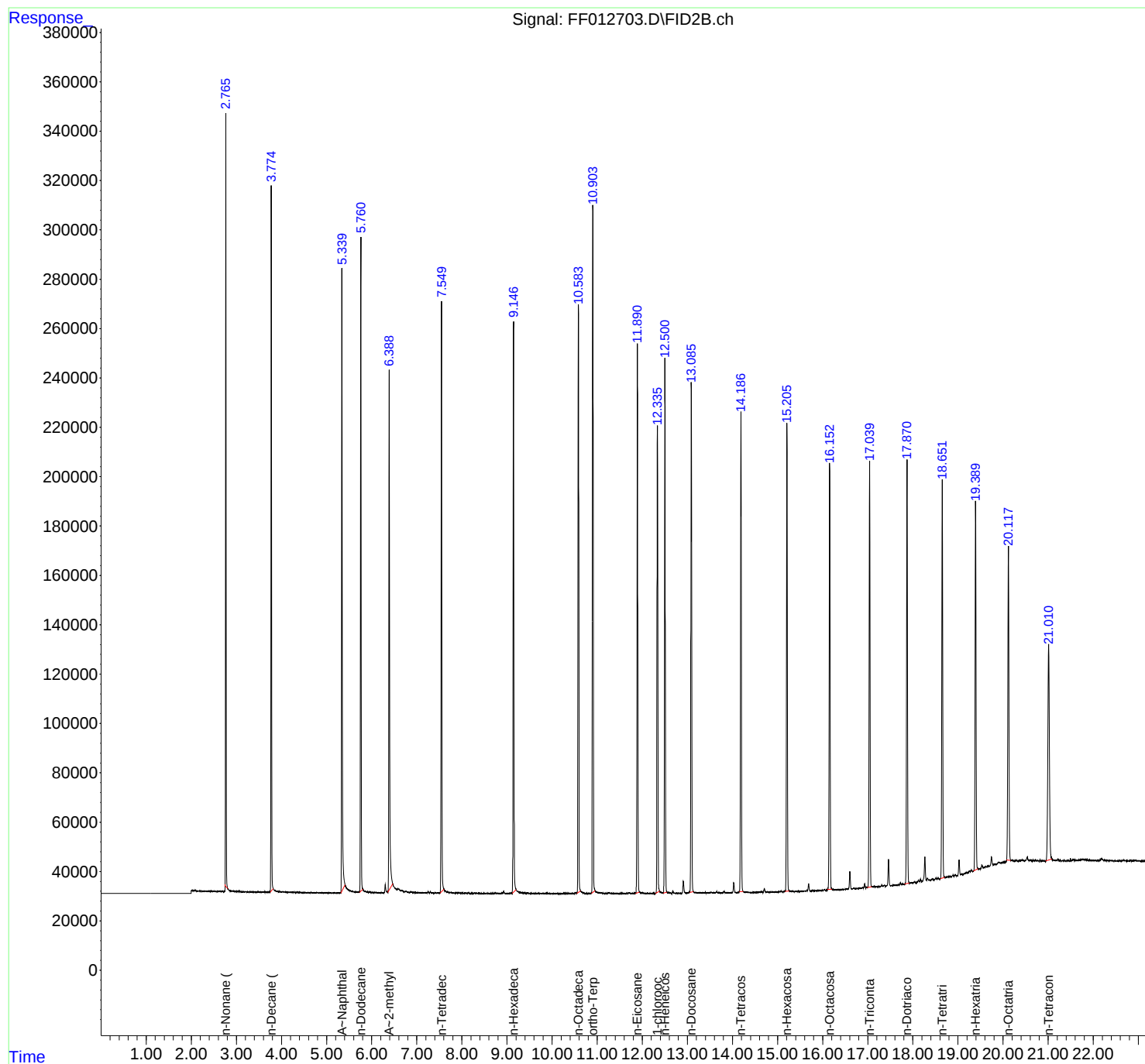
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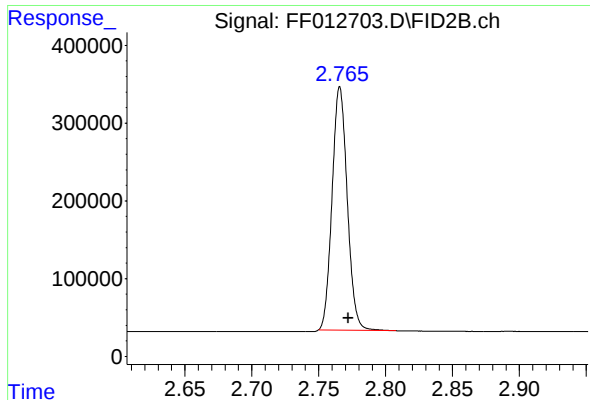
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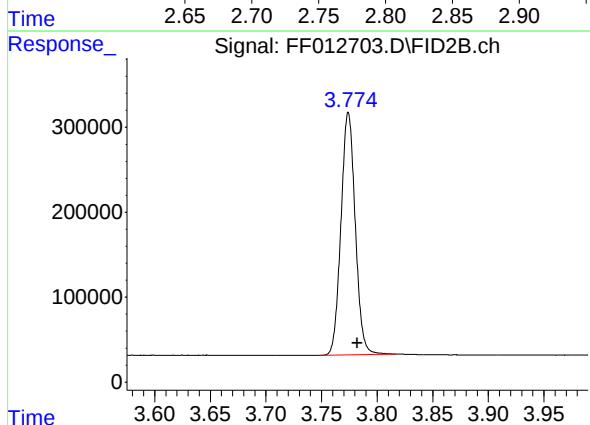




#1 n-Nonane (C9)

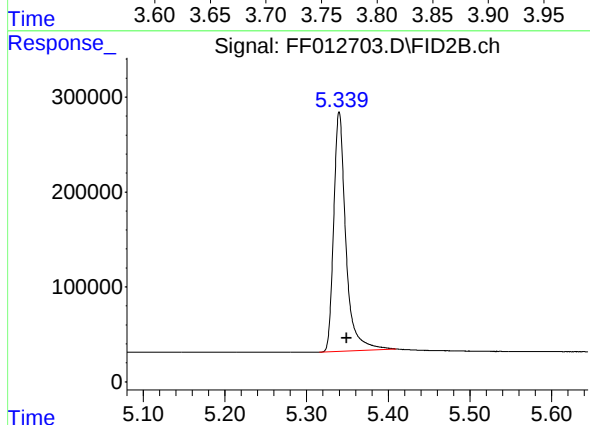
R.T.: 2.766 min
Delta R.T.: -0.006 min
Response: 2468509
Conc: 18.86 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



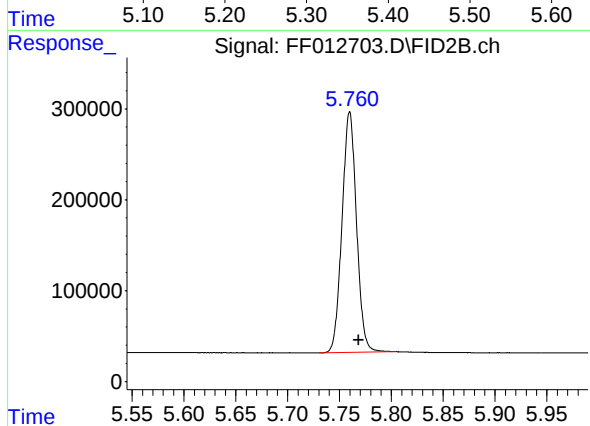
#2 n-Decane (C10)

R.T.: 3.774 min
Delta R.T.: -0.008 min
Response: 2552666
Conc: 19.11 ug/ml



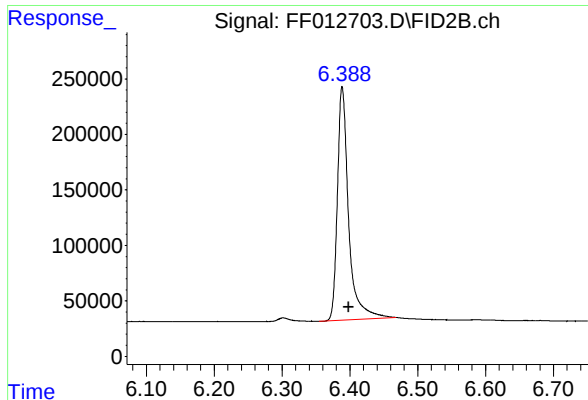
#3 A~Naphthalene (C11.7)

R.T.: 5.340 min
Delta R.T.: -0.009 min
Response: 2609340
Conc: 18.52 ug/ml



#4 n-Dodecane (C12)

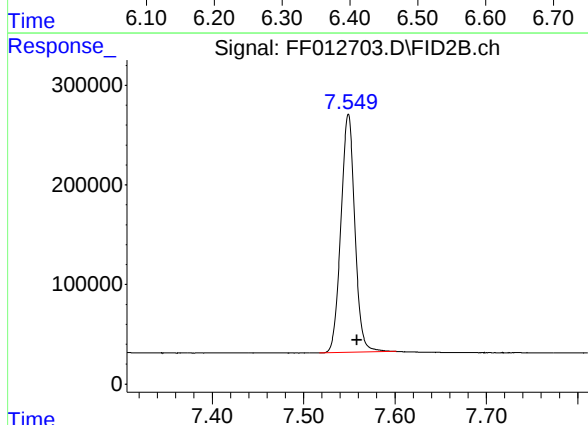
R.T.: 5.760 min
Delta R.T.: -0.009 min
Response: 2577427
Conc: 19.04 ug/ml



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

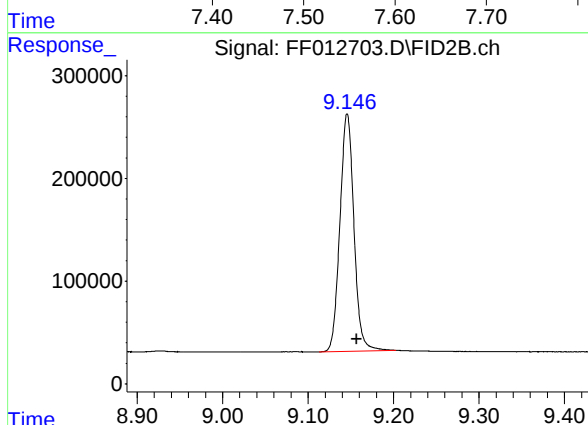
R.T.: 6.389 min
Delta R.T.: -0.009 min
Response: 2412993
Conc: 18.18 ug/ml

Instrument :
FID_F
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20 PPM ALIPHATIC HC STD



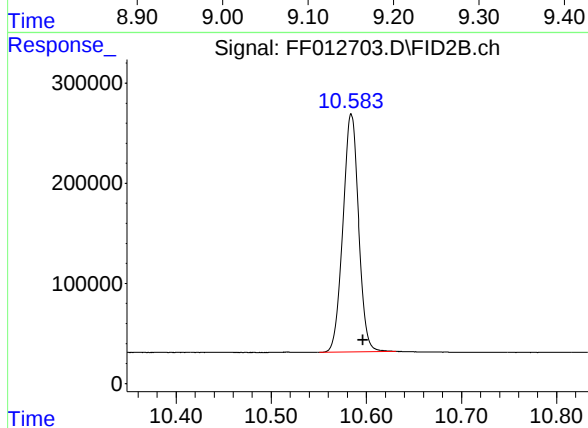
#6 n-Tetradecane (C14)

R.T.: 7.549 min
Delta R.T.: -0.009 min
Response: 2539749
Conc: 18.98 ug/ml



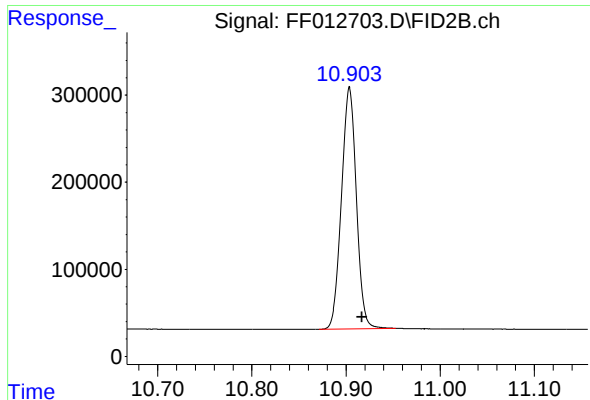
#7 n-Hexadecane (C16)

R.T.: 9.146 min
Delta R.T.: -0.011 min
Response: 2636535
Conc: 19.04 ug/ml



#8 n-Octadecane (C18)

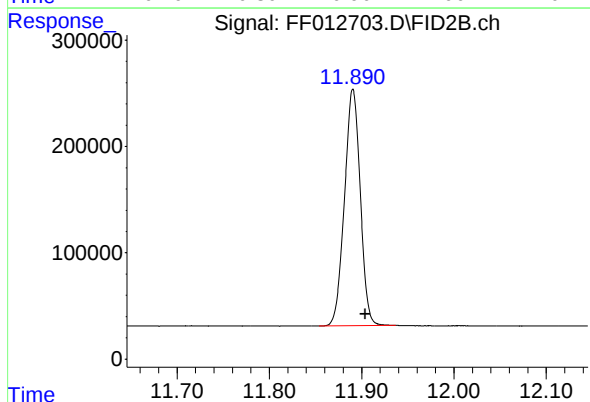
R.T.: 10.584 min
Delta R.T.: -0.012 min
Response: 2723168
Conc: 19.13 ug/ml



#9 ortho-Terphenyl (SURR)

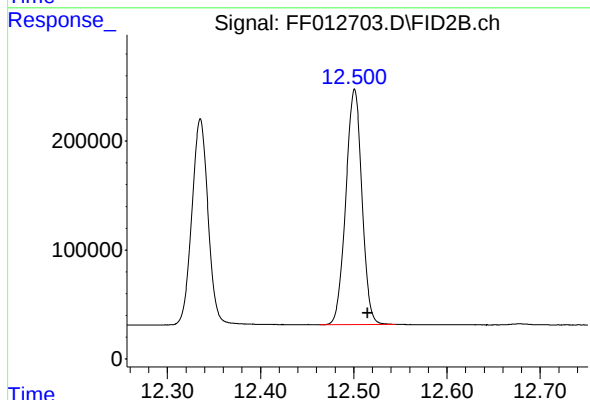
R.T.: 10.904 min
Delta R.T.: -0.013 min
Response: 3058427
Conc: 19.09 ug/ml

Instrument :
FID_F
ClientSampleId :
20 PPM ALIPHATIC HC STD



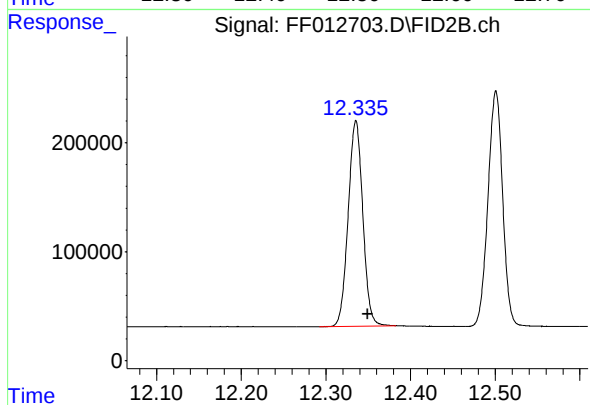
#10 n-Eicosane (C20)

R.T.: 11.891 min
Delta R.T.: -0.013 min
Response: 2647759
Conc: 19.25 ug/ml



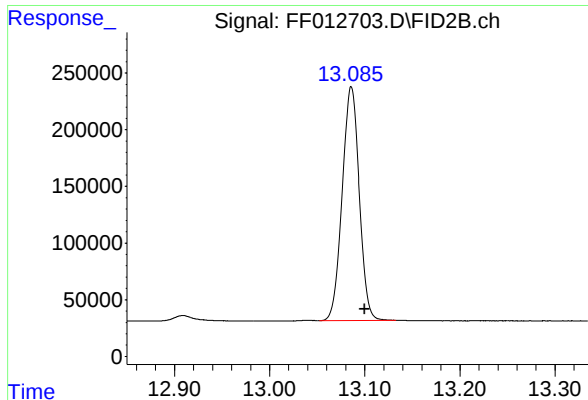
#11 n-Heneicosane (C21)

R.T.: 12.501 min
Delta R.T.: -0.014 min
Response: 2600648
Conc: 19.23 ug/ml



#12 1-chlorooctadecane (SURR)

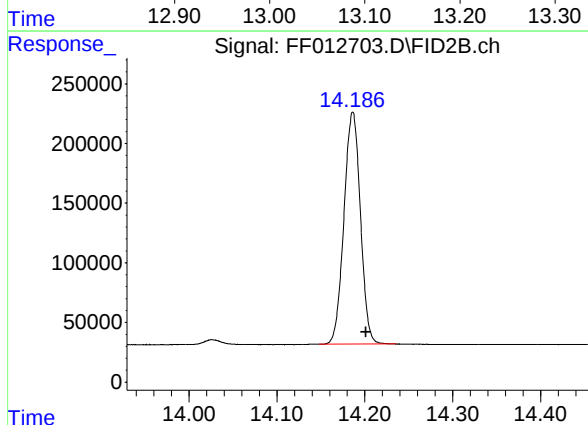
R.T.: 12.336 min
Delta R.T.: -0.014 min
Response: 2263587
Conc: 19.15 ug/ml



#13 n-Docosane (C22)

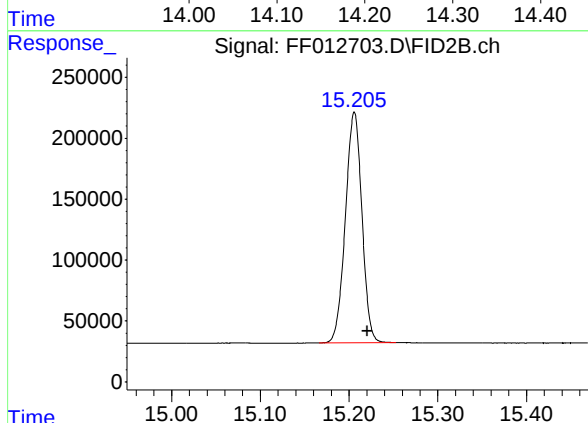
R.T.: 13.086 min
Delta R.T.: -0.014 min
Response: 2569521
Conc: 19.19 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



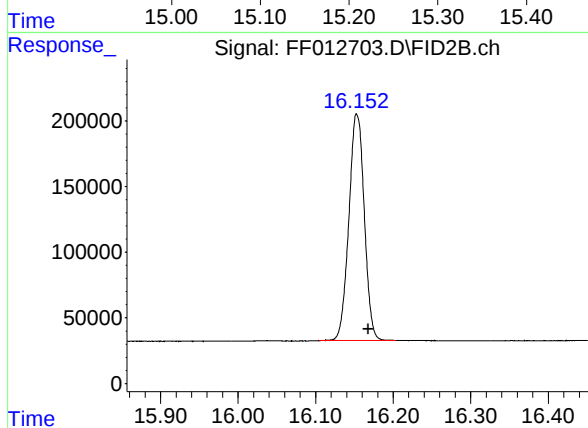
#14 n-Tetracosane (C24)

R.T.: 14.186 min
Delta R.T.: -0.015 min
Response: 2528667
Conc: 19.23 ug/ml



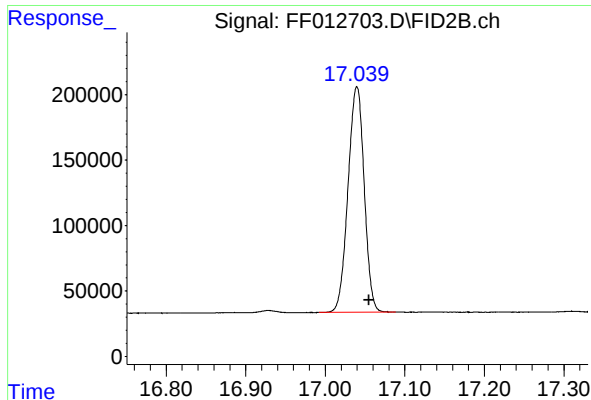
#15 n-Hexacosane (C26)

R.T.: 15.206 min
Delta R.T.: -0.015 min
Response: 2455655
Conc: 19.31 ug/ml



#16 n-Octacosane (C28)

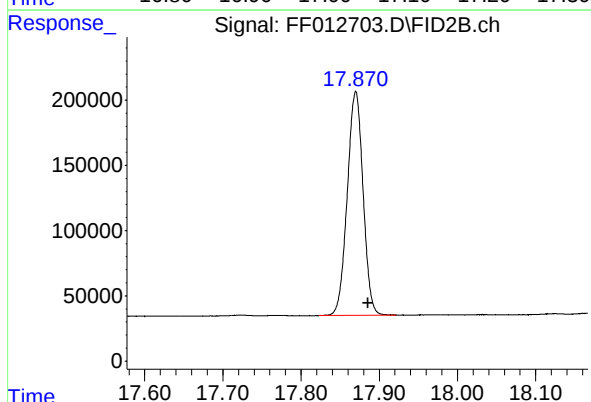
R.T.: 16.153 min
Delta R.T.: -0.015 min
Response: 2386203
Conc: 19.41 ug/ml



#17 n-Tricontane (C30)

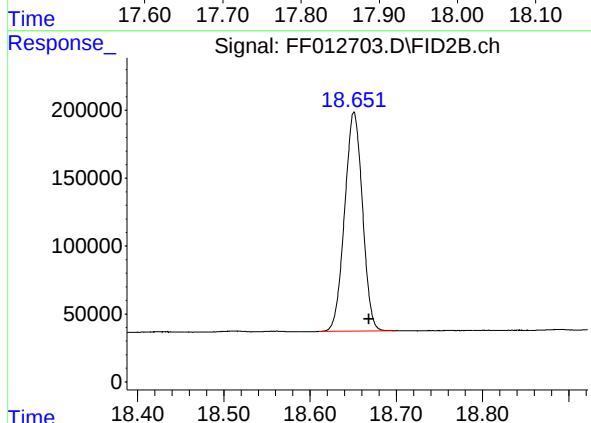
R.T.: 17.040 min
Delta R.T.: -0.015 min
Response: 2439469
Conc: 19.76 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



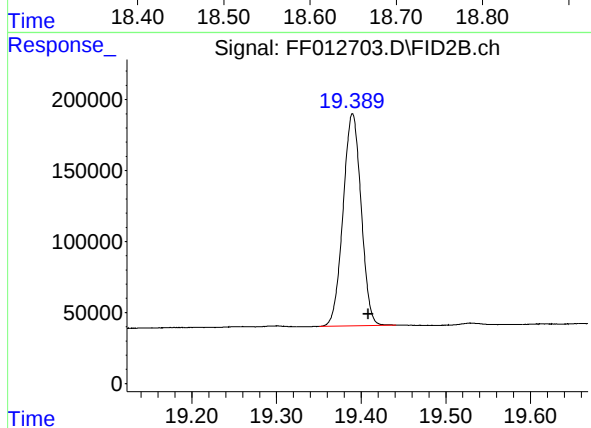
#18 n-Dotriacontane (C32)

R.T.: 17.870 min
Delta R.T.: -0.016 min
Response: 2408743
Conc: 19.91 ug/ml



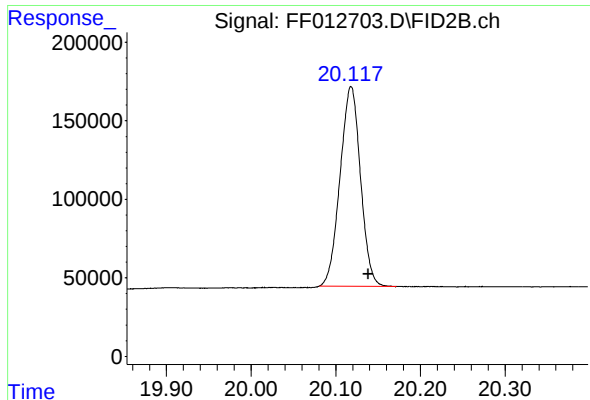
#19 n-Tetratriacontane (C34)

R.T.: 18.651 min
Delta R.T.: -0.017 min
Response: 2318411
Conc: 19.82 ug/ml



#20 n-Hexatriacontane (C36)

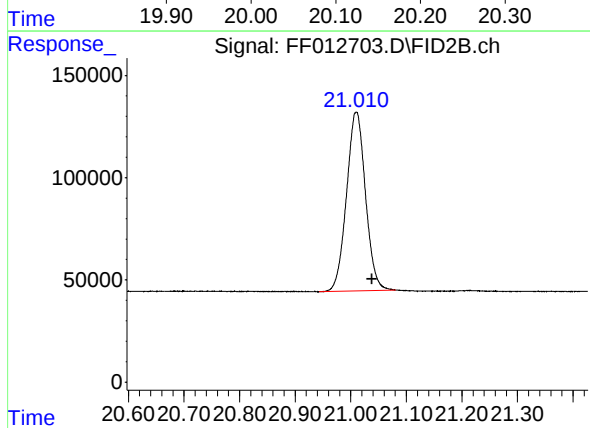
R.T.: 19.390 min
Delta R.T.: -0.018 min
Response: 2212483
Conc: 19.64 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.118 min
Delta R.T.: -0.021 min
Response: 2137651
Conc: 19.19 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.010 min
Delta R.T.: -0.028 min
Response: 2072760
Conc: 18.78 ug/ml