

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042023AR\
 Data File : FD045512.D
 Signal(s) : FID2B.ch
 Acq On : 21 Apr 2023 07:56
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 21 11:00:20 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 0302823.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 28 05:56:14 2023
 Response via : Initial Calibration
 Integrator: ChemStation

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

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.545	2703519	19.732 ug/ml
Spiked Amount 50.000		Recovery =	39.46%
6) S 2-Fluorobiphenyl (SURR)	8.401	1735495	19.359 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.72%
11) S ortho-Terphenyl (SURR)	11.440	3421572	19.666 ug/ml
Spiked Amount 50.000		Recovery =	39.33%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.354	3113979	19.989 ug/ml
2) T Naphthalene (C11.7)	5.885	3179731	19.786 ug/ml
3) T 2-Methylnaphthalene (...)	6.934	3144795	19.645 ug/ml
5) T Acenaphthylene (C15.06)	8.205	2841947	19.410 ug/ml
7) T Acenaphthene (C15.5)	8.500	3049753	19.662 ug/ml
8) T Flouorene (C16.55)	9.278	2854110	19.247 ug/ml
9) T Phenanthrene (C19.36)	10.669	2751805	18.997 ug/ml
10) T Anthracene (C19.43)	10.742	2340047	16.929 ug/ml
12) T Fluoranthene (C21.85)	12.472	2757130	19.164 ug/ml
13) T Pyrene (C20.8)	12.767	2682156	19.077 ug/ml
14) T Benzo[a]anthracene (C...	14.630	2351672	18.338 ug/ml
15) T Chrysene (C27.41)	14.672	2496222	18.825 ug/ml
16) T benzo[b]fluoranthene ...	16.172	2446315	18.832 ug/ml
17) T Bnezo[k]fluoranthene ...	16.204	2479146	19.574 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.547	2297701	18.275 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.902	1975036	16.687 ug/ml
20) T Dibenz[a,h]anthracene...	17.945	1985329	16.664 ug/ml
21) T Benzo[g,h,i]perylene ...	18.155	2157334	17.271 ug/ml

(f)=RT Delta > 1/2 Window

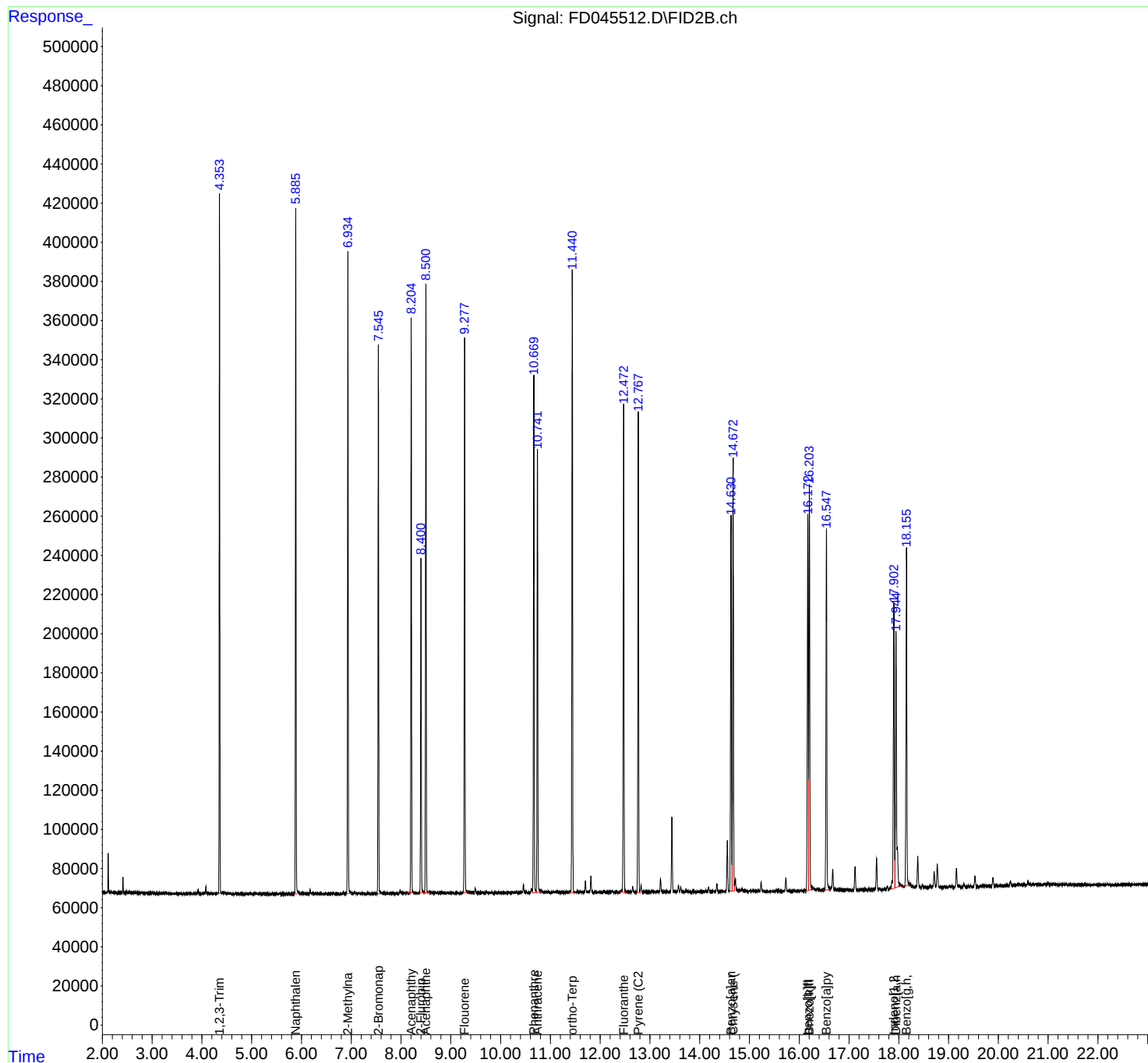
(m)=manual int.

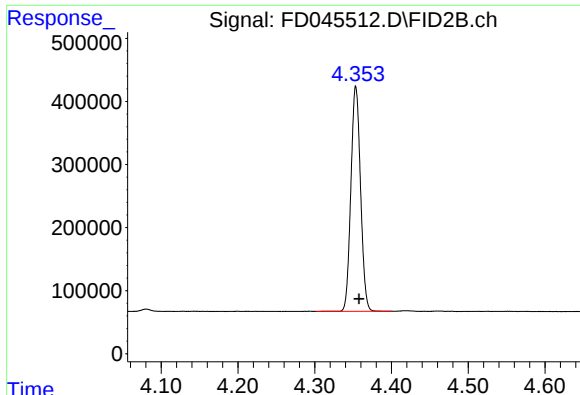
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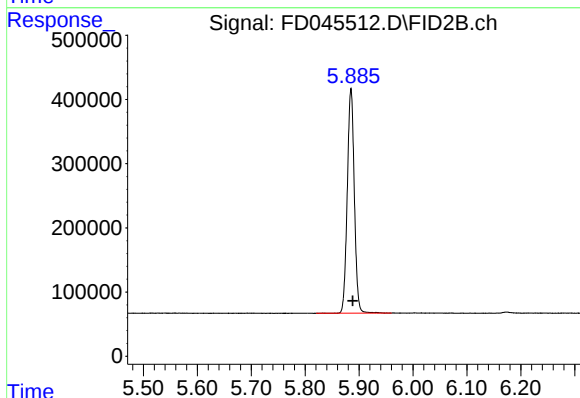




#1 1,2,3-Trimethylbenzene (C10.1)

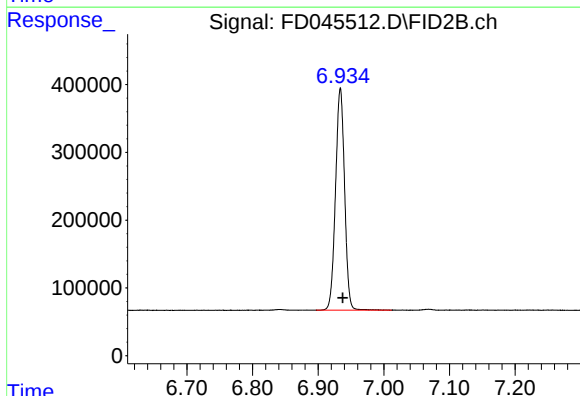
R.T.: 4.354 min
Delta R.T.: -0.004 min
Response: 3113979
Conc: 19.99 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



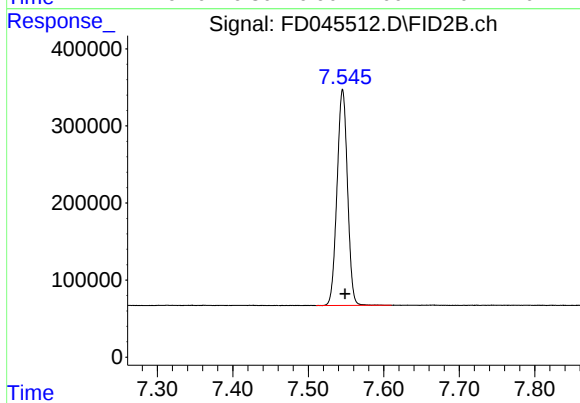
#2 Naphthalene (C11.7)

R.T.: 5.885 min
Delta R.T.: -0.003 min
Response: 3179731
Conc: 19.79 ug/ml



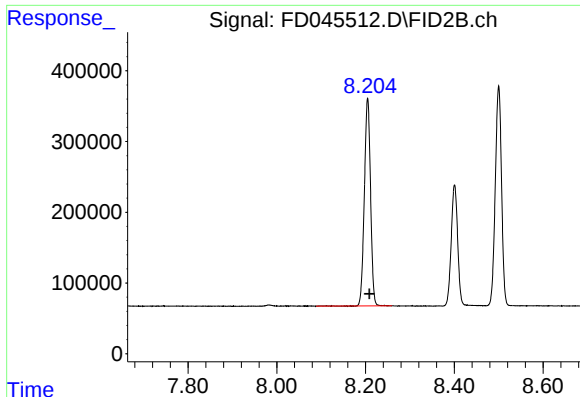
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.934 min
Delta R.T.: -0.004 min
Response: 3144795
Conc: 19.65 ug/ml



#4 2-Bromonaphthalene (SURR)

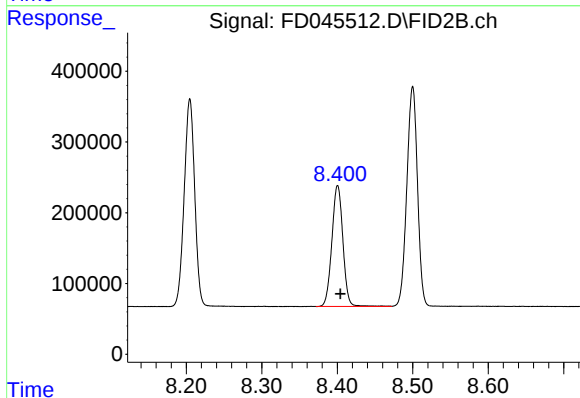
R.T.: 7.545 min
Delta R.T.: -0.003 min
Response: 2703519
Conc: 19.73 ug/ml



#5 Acenaphthylene (C15.06)

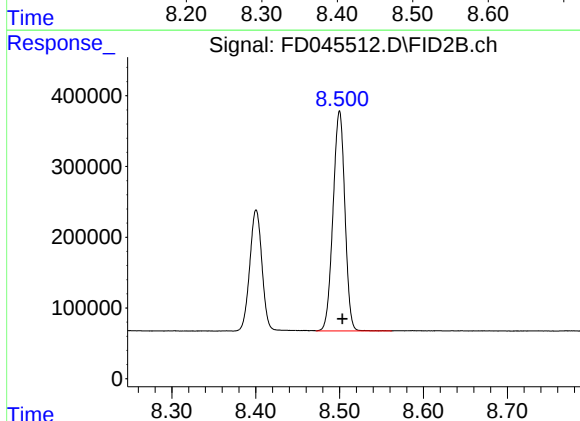
R.T.: 8.205 min
Delta R.T.: -0.004 min
Response: 2841947
Conc: 19.41 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



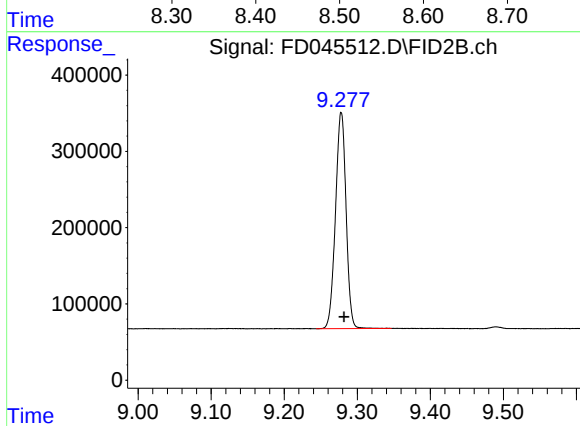
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.401 min
Delta R.T.: -0.004 min
Response: 1735495
Conc: 19.36 ug/ml



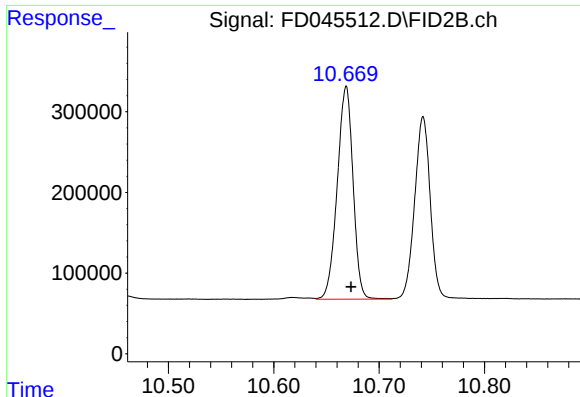
#7 Acenaphthene (C15.5)

R.T.: 8.500 min
Delta R.T.: -0.004 min
Response: 3049753
Conc: 19.66 ug/ml



#8 Fluorene (C16.55)

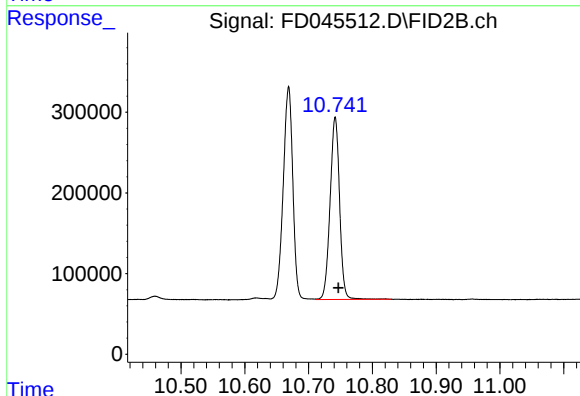
R.T.: 9.278 min
Delta R.T.: -0.004 min
Response: 2854110
Conc: 19.25 ug/ml



#9 Phenanthrene (C19.36)

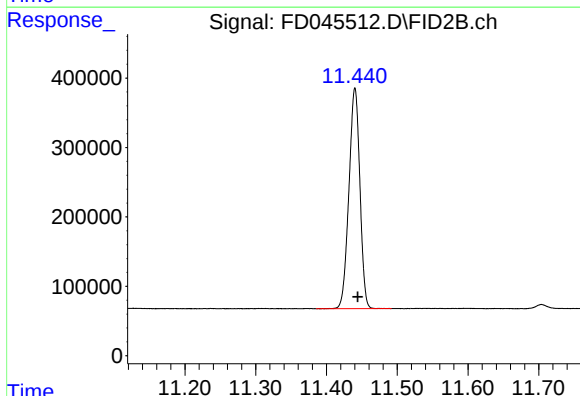
R.T.: 10.669 min
Delta R.T.: -0.005 min
Response: 2751805
Conc: 19.00 ug/ml

Instrument :
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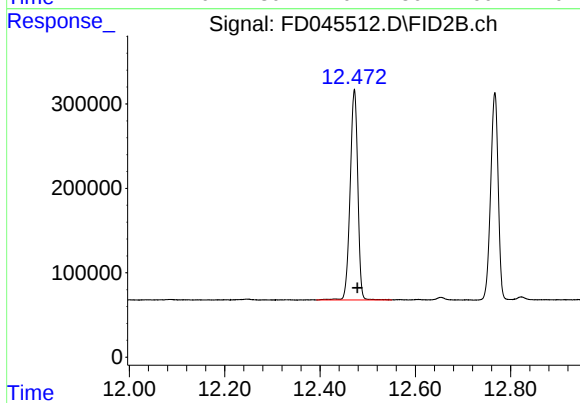
#10 Anthracene (C19.43)

R.T.: 10.742 min
Delta R.T.: -0.005 min
Response: 2340047
Conc: 16.93 ug/ml



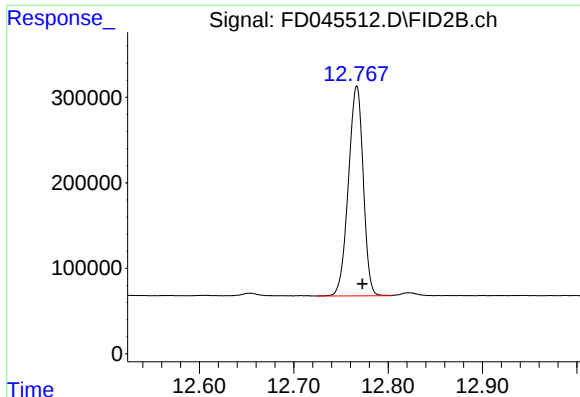
#11 ortho-Terphenyl (SURR)

R.T.: 11.440 min
Delta R.T.: -0.004 min
Response: 3421572
Conc: 19.67 ug/ml



#12 Fluoranthene (C21.85)

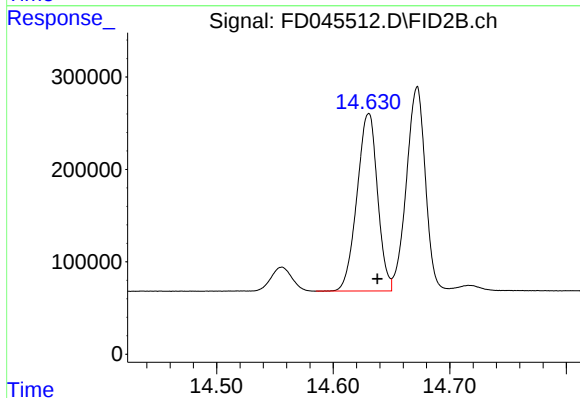
R.T.: 12.472 min
Delta R.T.: -0.006 min
Response: 2757130
Conc: 19.16 ug/ml



#13 Pyrene (C20.8)

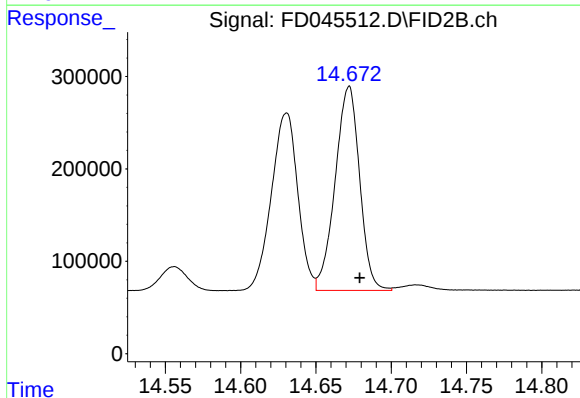
R.T.: 12.767 min
Delta R.T.: -0.006 min
Response: 2682156
Conc: 19.08 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



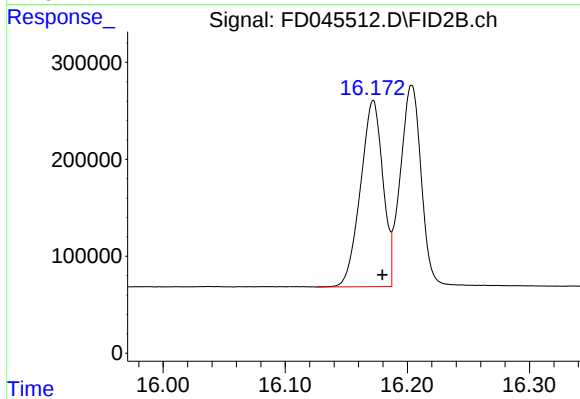
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.630 min
Delta R.T.: -0.008 min
Response: 2351672
Conc: 18.34 ug/ml



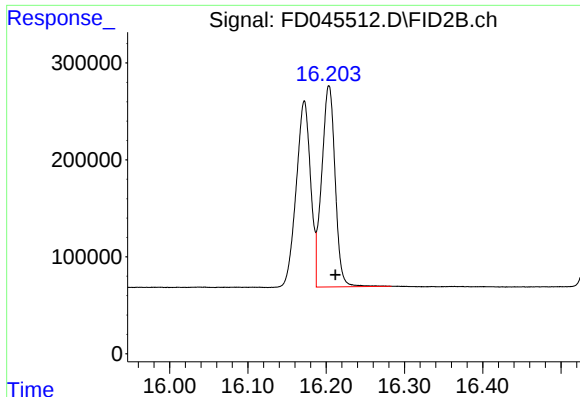
#15 Chrysene (C27.41)

R.T.: 14.672 min
Delta R.T.: -0.007 min
Response: 2496222
Conc: 18.82 ug/ml



#16 benzo[b]fluoranthene (C30.41)

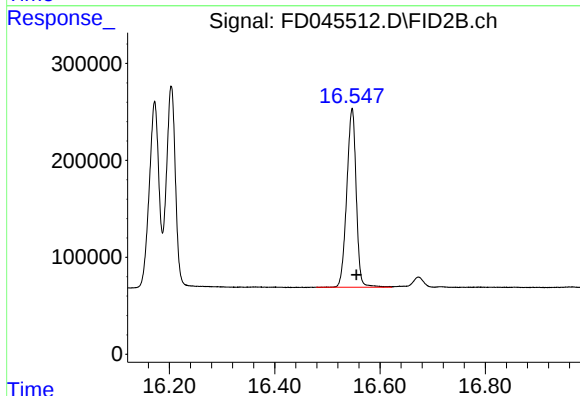
R.T.: 16.172 min
Delta R.T.: -0.008 min
Response: 2446315
Conc: 18.83 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

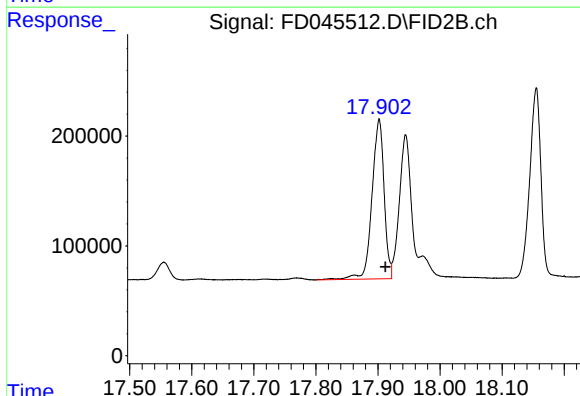
R.T.: 16.204 min
Delta R.T.: -0.008 min
Response: 2479146
Conc: 19.57 ug/ml

Instrument :
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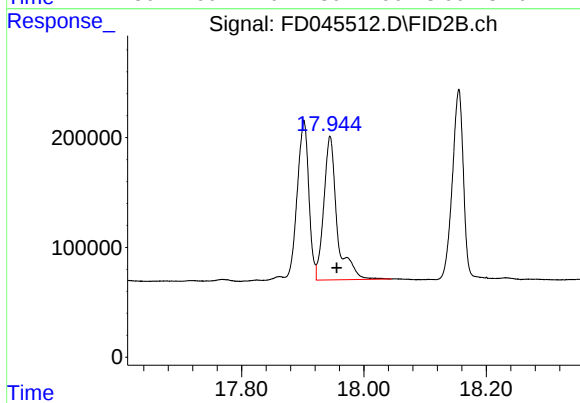
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.547 min
Delta R.T.: -0.008 min
Response: 2297701
Conc: 18.28 ug/ml



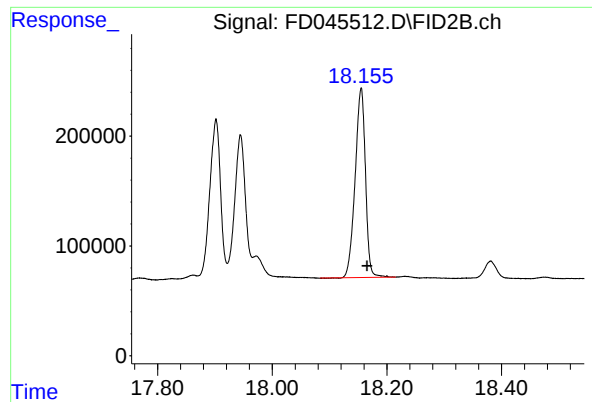
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.902 min
Delta R.T.: -0.010 min
Response: 1975036
Conc: 16.69 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 17.945 min
Delta R.T.: -0.011 min
Response: 1985329
Conc: 16.66 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.155 min
Delta R.T.: -0.011 min
Response: 2157334
Conc: 17.27 ug/ml

Instrument :

FID_D

ClientSampleId :

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