

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032723AR\
 Data File : FD045351.D
 Signal(s) : FID2B.ch
 Acq On : 27 Mar 2023 09:29
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: sample.E
 Quant Time: Mar 27 12:56:04 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030123.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 01 16:43:59 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...	7.548	2918061	21.503 ug/ml
Spiked Amount 50.000		Recovery =	43.01%
6) S 2-Fluorobiphenyl (SURR)	8.404	1905696	21.284 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.57%
11) S ortho-Terphenyl (SURR)	11.444	3720305	22.350 ug/ml
Spiked Amount 50.000		Recovery =	44.70%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.357	3323051	21.942 ug/ml
2) T Naphthalene (C11.7)	5.888	3422323	21.663 ug/ml
3) T 2-Methylnaphthalene (...)	6.937	3391745	21.343 ug/ml
5) T Acenaphthylene (C15.06)	8.208	3117054	21.738 ug/ml
7) T Acenaphthene (C15.5)	8.504	3308776	21.830 ug/ml
8) T Fluorene (C16.55)	9.282	3130861	21.265 ug/ml
9) T Phenanthrene (C19.36)	10.673	3053406	21.386 ug/ml
10) T Anthracene (C19.43)	10.746	2810295	20.055 ug/ml
12) T Fluoranthene (C21.85)	12.477	3042906	21.783 ug/ml
13) T Pyrene (C20.8)	12.773	2992175	21.973 ug/ml
14) T Benzo[a]anthracene (C...	14.638	2556177	20.053 ug/ml
15) T Chrysene (C27.41)	14.679	2688072	20.625 ug/ml
16) T benzo[b]fluoranthene ...	16.180	2698554	20.932 ug/ml
17) T Bnezo[k]fluoranthene ...	16.213	2611604	20.689 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.555	2566963	20.396 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.912	2277294	19.036 ug/ml
20) T Dibenz[a,h]anthracene...	17.953	2046177	16.964 ug/ml
21) T Benzo[g,h,i]perylene ...	18.165	2501888	20.108 ug/ml

(f)=RT Delta > 1/2 Window

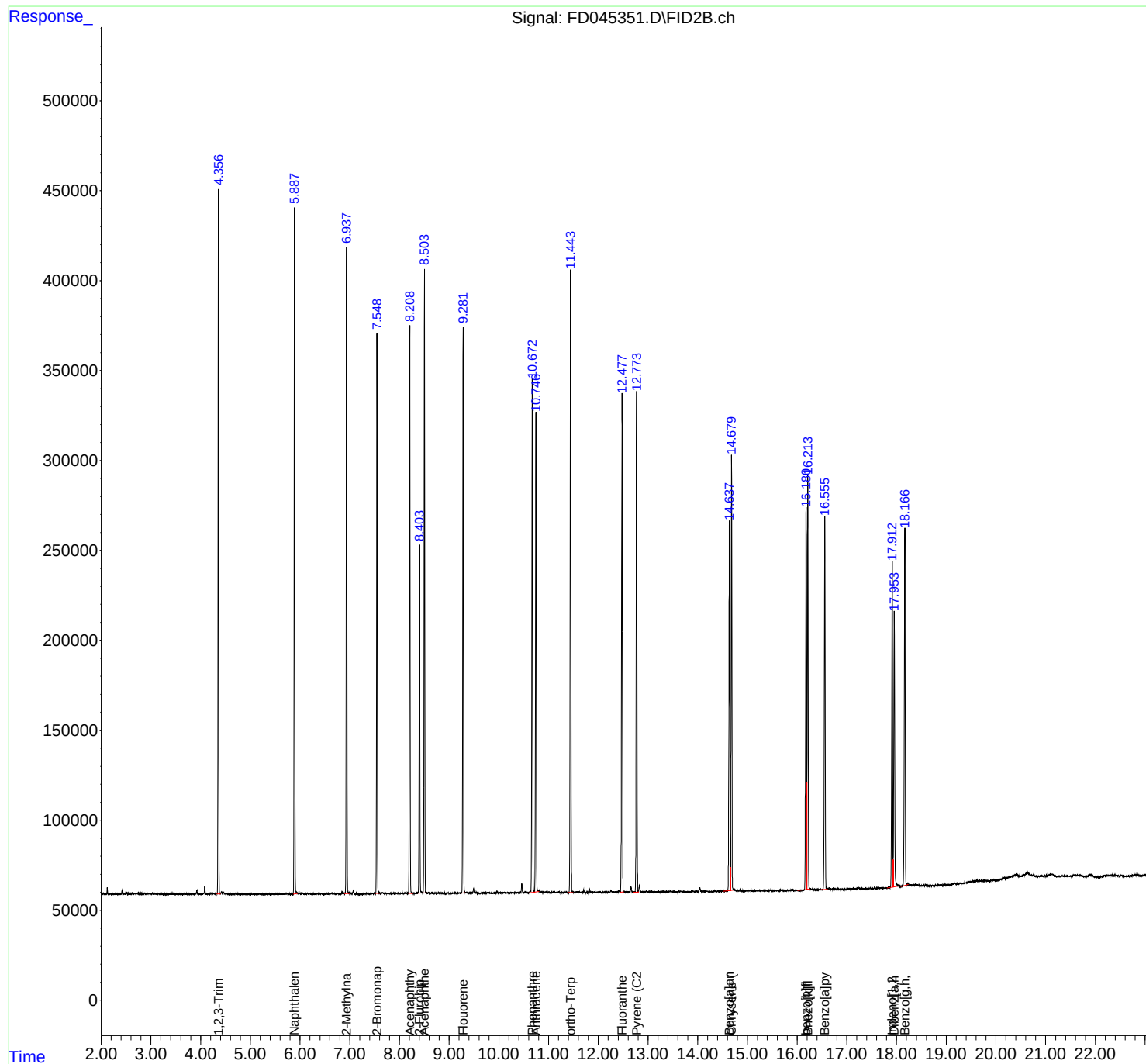
(m)=manual int.

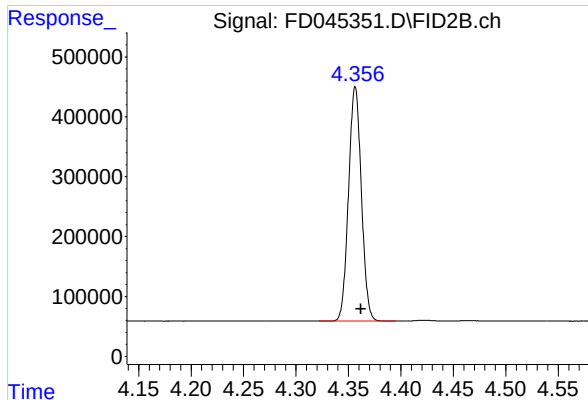
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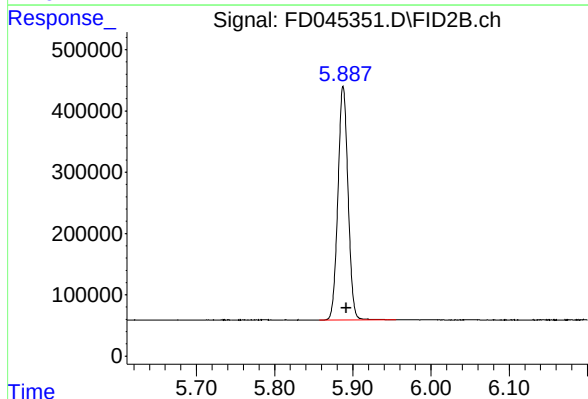




#1 1,2,3-Trimethylbenzene (C10.1)

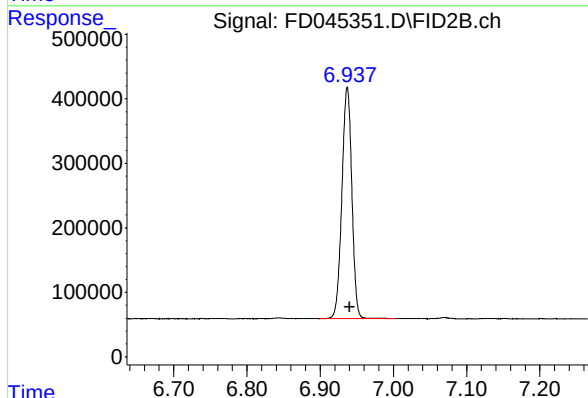
R.T.: 4.357 min
Delta R.T.: -0.005 min
Response: 3323051
Conc: 21.94 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



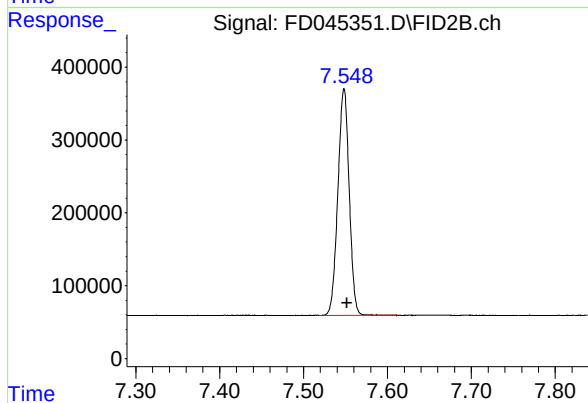
#2 Naphthalene (C11.7)

R.T.: 5.888 min
Delta R.T.: -0.004 min
Response: 3422323
Conc: 21.66 ug/ml



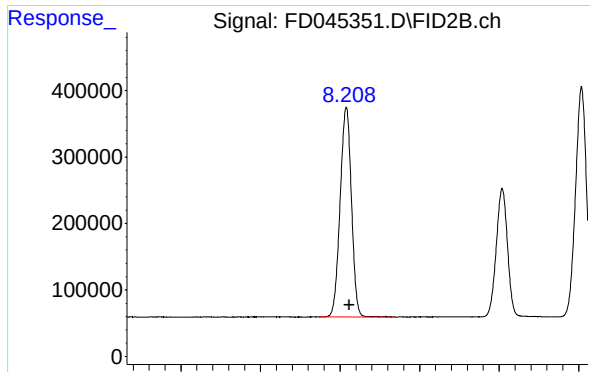
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.937 min
Delta R.T.: -0.003 min
Response: 3391745
Conc: 21.34 ug/ml



#4 2-Bromonaphthalene (SURR)

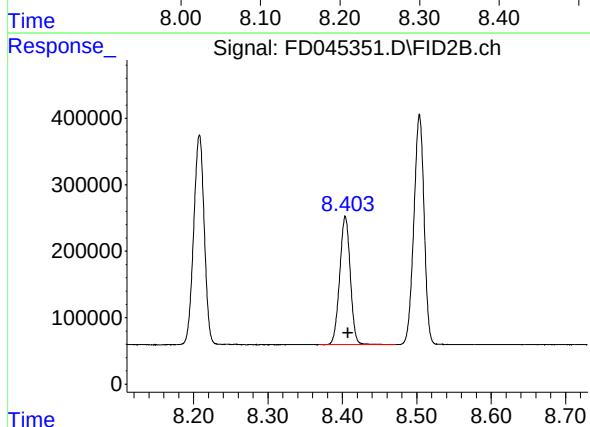
R.T.: 7.548 min
Delta R.T.: -0.004 min
Response: 2918061
Conc: 21.50 ug/ml



#5 Acenaphthylene (C15.06)

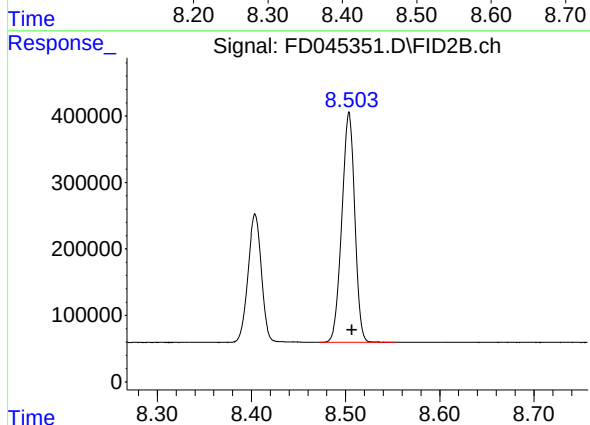
R.T.: 8.208 min
Delta R.T.: -0.004 min
Response: 3117054
Conc: 21.74 ug/ml

Instrument :
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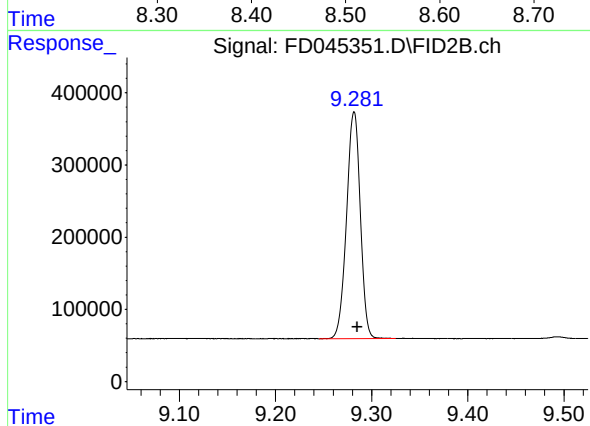
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.404 min
Delta R.T.: -0.004 min
Response: 1905696
Conc: 21.28 ug/ml



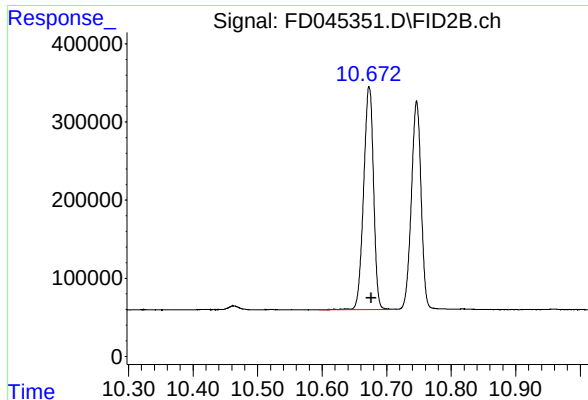
#7 Acenaphthene (C15.5)

R.T.: 8.504 min
Delta R.T.: -0.003 min
Response: 3308776
Conc: 21.83 ug/ml



#8 Flouorene (C16.55)

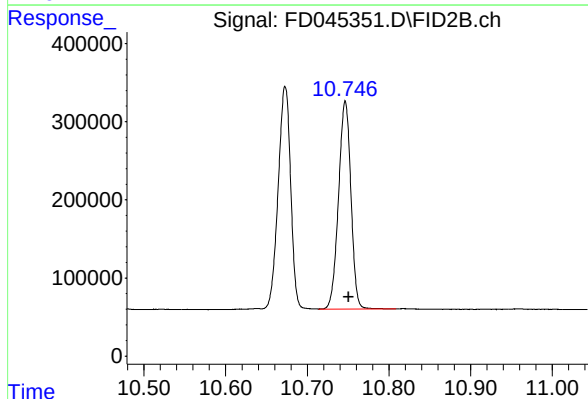
R.T.: 9.282 min
Delta R.T.: -0.004 min
Response: 3130861
Conc: 21.27 ug/ml



#9 Phenanthrene (C19.36)

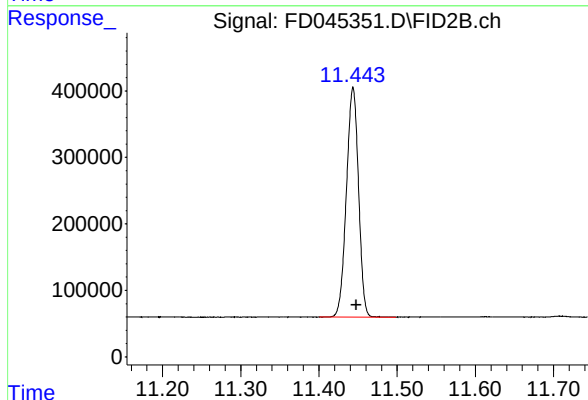
R.T.: 10.673 min
Delta R.T.: -0.003 min
Response: 3053406
Conc: 21.39 ug/ml

Instrument :
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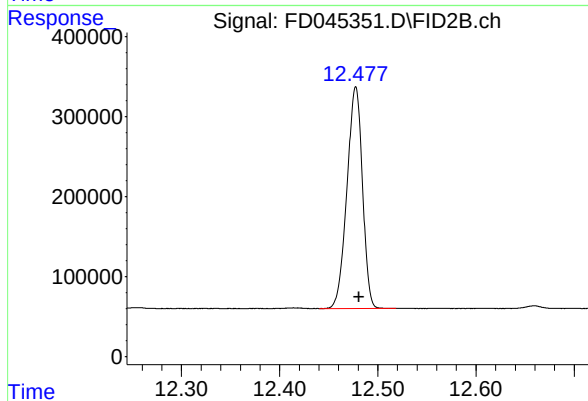
#10 Anthracene (C19.43)

R.T.: 10.746 min
Delta R.T.: -0.004 min
Response: 2810295
Conc: 20.06 ug/ml



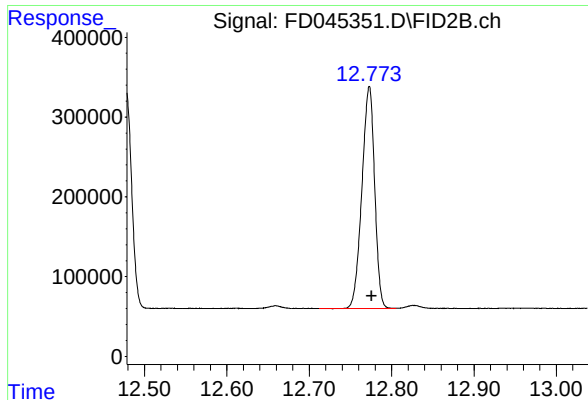
#11 ortho-Terphenyl (SURR)

R.T.: 11.444 min
Delta R.T.: -0.004 min
Response: 3720305
Conc: 22.35 ug/ml



#12 Fluoranthene (C21.85)

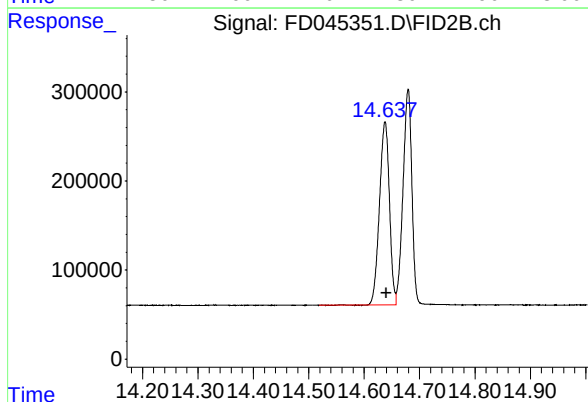
R.T.: 12.477 min
Delta R.T.: -0.003 min
Response: 3042906
Conc: 21.78 ug/ml



#13 Pyrene (C20.8)

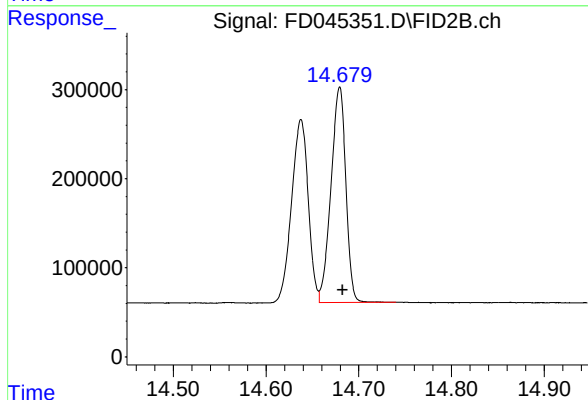
R.T.: 12.773 min
Delta R.T.: -0.003 min
Response: 2992175
Conc: 21.97 ug/ml

Instrument :
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ClientSampleId :
20 PPM AROMATIC HC STD



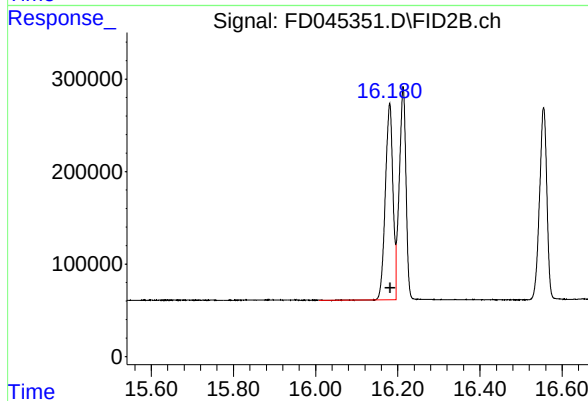
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.638 min
Delta R.T.: -0.003 min
Response: 2556177
Conc: 20.05 ug/ml



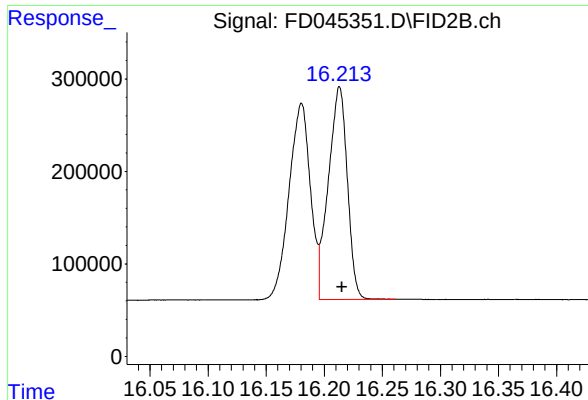
#15 Chrysene (C27.41)

R.T.: 14.679 min
Delta R.T.: -0.004 min
Response: 2688072
Conc: 20.63 ug/ml



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

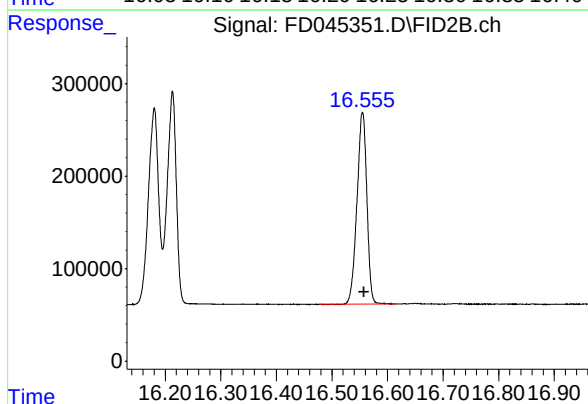
R.T.: 16.180 min
Delta R.T.: -0.002 min
Response: 2698554
Conc: 20.93 ug/ml



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

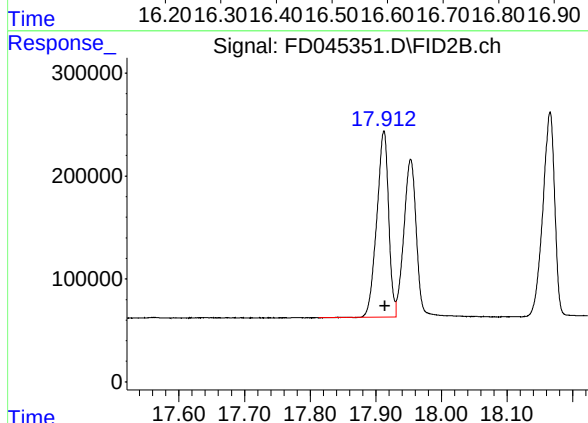
R.T.: 16.213 min
Delta R.T.: -0.002 min
Response: 2611604
Conc: 20.69 ug/ml

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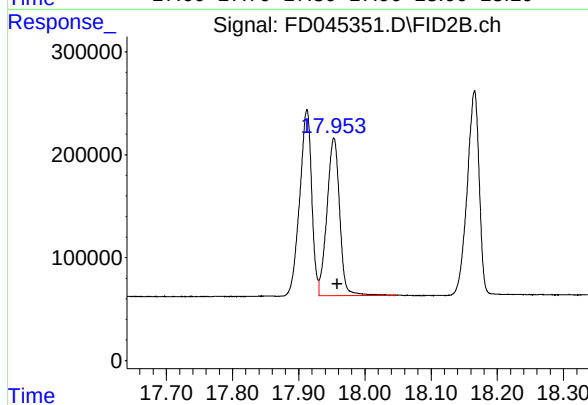
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.555 min
Delta R.T.: -0.003 min
Response: 2566963
Conc: 20.40 ug/ml



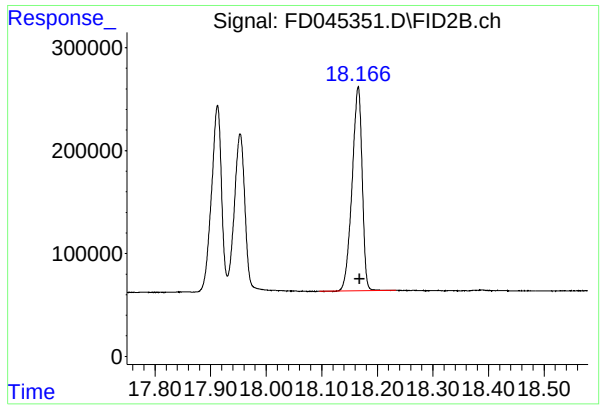
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.912 min
Delta R.T.: -0.002 min
Response: 2277294
Conc: 19.04 ug/ml



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

R.T.: 17.953 min
Delta R.T.: -0.005 min
Response: 2046177
Conc: 16.96 ug/ml



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

R.T.: 18.165 min

Delta R.T.: -0.003 min

Response: 2501888

Conc: 20.11 ug/ml

Instrument :

FID_D

ClientSampleId :

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