

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060623AR\
 Data File : FD045790.D
 Signal(s) : FID2B.ch
 Acq On : 06 Jun 2023 09:06
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 06 15:01:20 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:44:25 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...	7.529	3992657	22.146 ug/ml
Spiked Amount 50.000		Recovery =	44.29%
6) S 2-Fluorobiphenyl (SURR)	8.384	2647405	22.020 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.04%
11) S ortho-Terphenyl (SURR)	11.424	4856230	21.741 ug/ml
Spiked Amount 50.000		Recovery =	43.48%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.337	4574764	22.661 ug/ml
2) T Naphthalene (C11.7)	5.867	4743578	22.387 ug/ml
3) T 2-Methylnaphthalene (...)	6.917	4725579	22.375 ug/ml
5) T Acenaphthylene (C15.06)	8.189	4206278	22.201 ug/ml
7) T Acenaphthene (C15.5)	8.484	4473740	22.127 ug/ml
8) T Fluorene (C16.55)	9.263	4328790	21.848 ug/ml
9) T Phenanthrene (C19.36)	10.652	4082691	21.341 ug/ml
10) T Anthracene (C19.43)	10.726	3488045	20.476 ug/ml
12) T Fluoranthene (C21.85)	12.457	3893565	21.075 ug/ml
13) T Pyrene (C20.8)	12.751	3782226	21.177 ug/ml
14) T Benzo[a]anthracene (C...	14.614	3158430	20.173 ug/ml
15) T Chrysene (C27.41)	14.656	3320624	20.127 ug/ml
16) T benzo[b]fluoranthene ...	16.156	3089926	20.416 ug/ml
17) T Bnezo[k]fluoranthene ...	16.188	3065730	19.802 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.530	3012373	20.599 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.888	2957394	20.192 ug/ml
20) T Dibenz[a,h]anthracene...	17.930	3071149	20.472 ug/ml
21) T Benzo[g,h,i]perylene ...	18.141	3078228	20.862 ug/ml

(f)=RT Delta > 1/2 Window

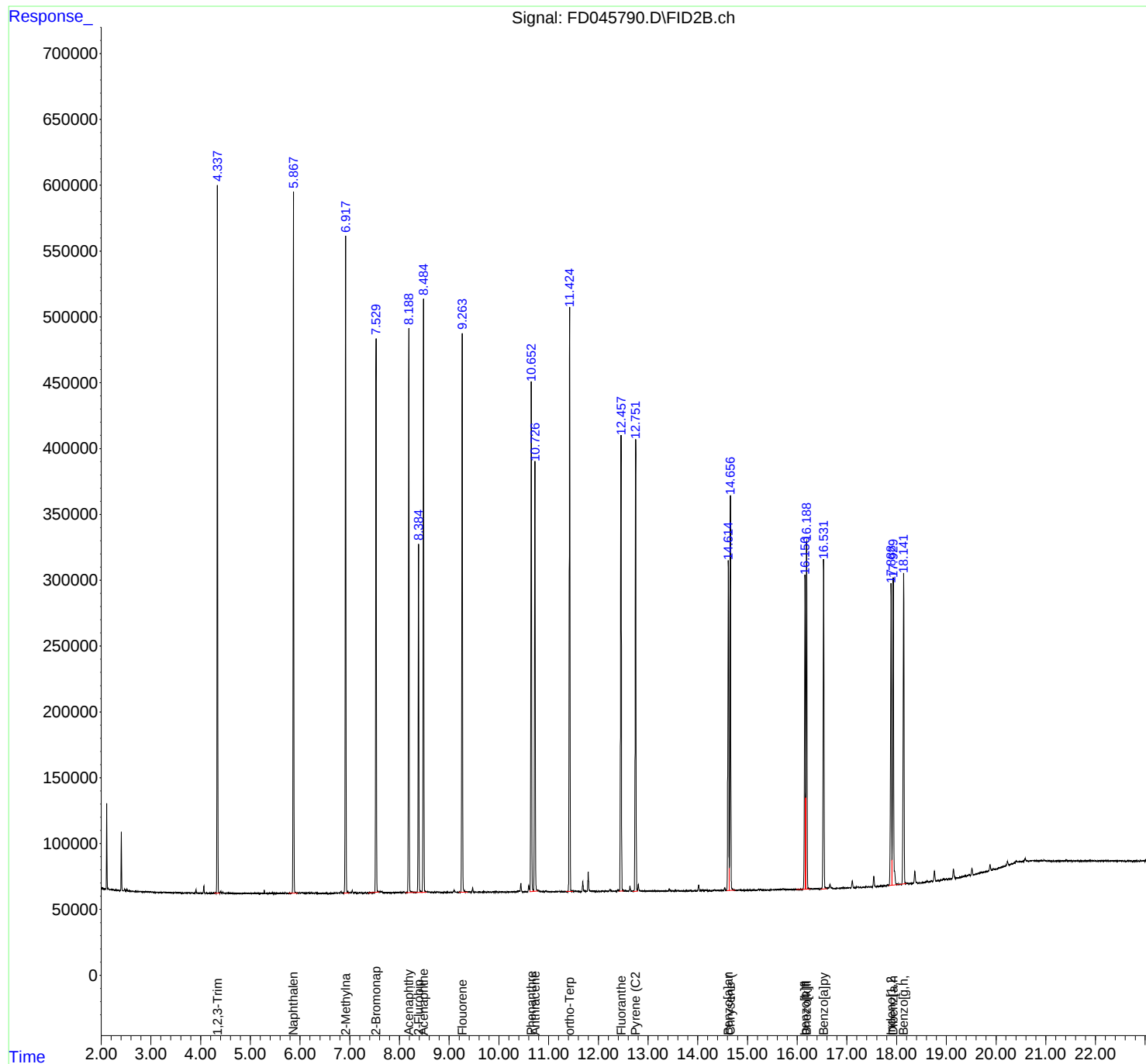
(m)=manual int.

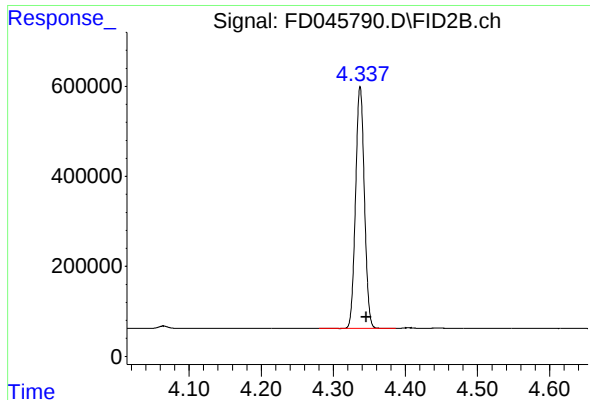
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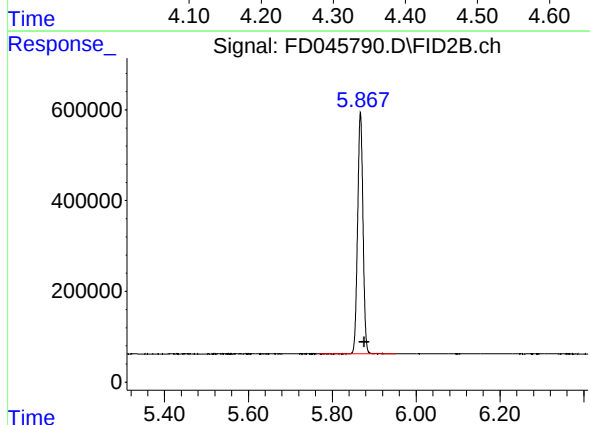




#1 1,2,3-Trimethylbenzene (C10.1)

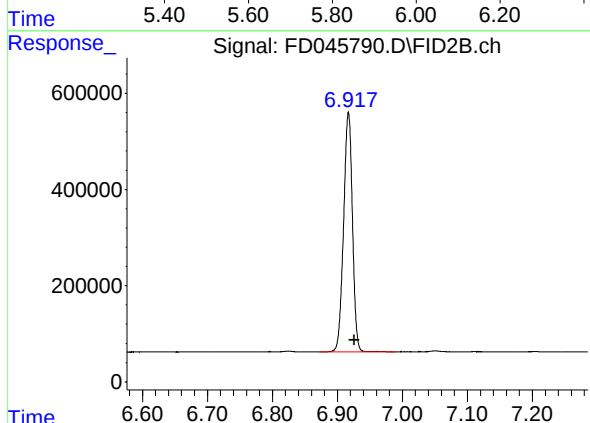
R.T.: 4.337 min
Delta R.T.: -0.009 min
Response: 4574764
Conc: 22.66 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



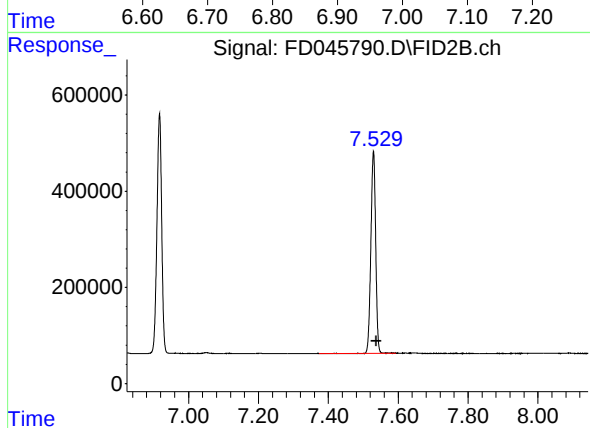
#2 Naphthalene (C11.7)

R.T.: 5.867 min
Delta R.T.: -0.009 min
Response: 4743578
Conc: 22.39 ug/ml



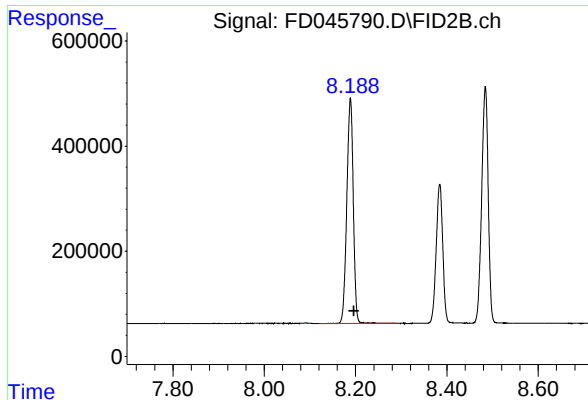
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.917 min
Delta R.T.: -0.009 min
Response: 4725579
Conc: 22.37 ug/ml



#4 2-Bromonaphthalene (SURR)

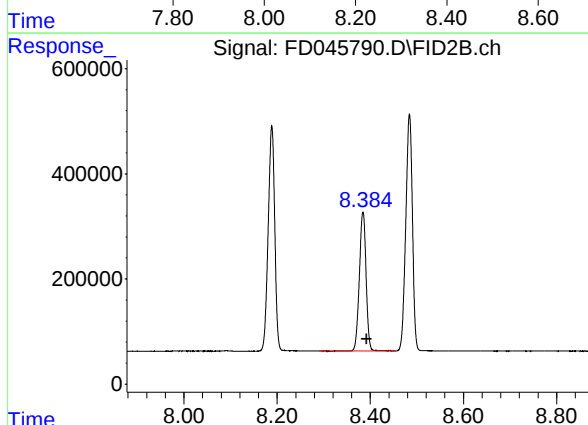
R.T.: 7.529 min
Delta R.T.: -0.008 min
Response: 3992657
Conc: 22.15 ug/ml



#5 Acenaphthylene (C15.06)

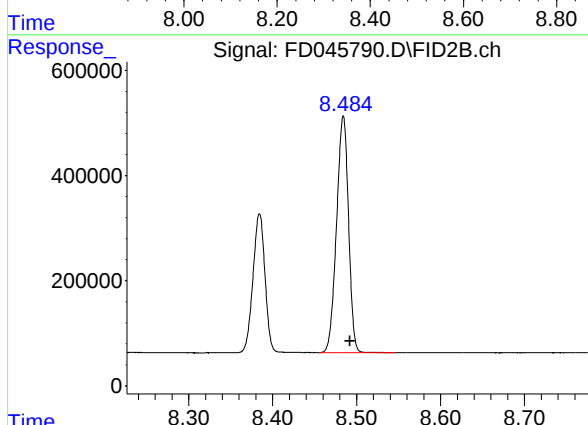
R.T.: 8.189 min
Delta R.T.: -0.008 min
Response: 4206278
Conc: 22.20 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



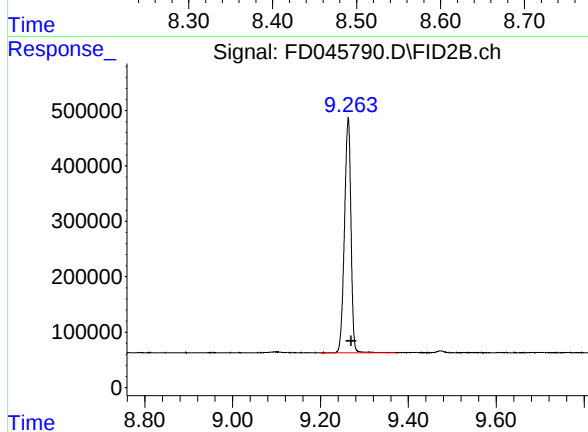
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.384 min
Delta R.T.: -0.008 min
Response: 2647405
Conc: 22.02 ug/ml



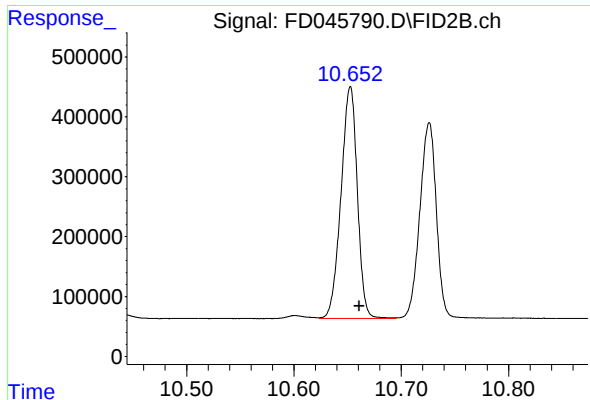
#7 Acenaphthene (C15.5)

R.T.: 8.484 min
Delta R.T.: -0.008 min
Response: 4473740
Conc: 22.13 ug/ml



#8 Fluorene (C16.55)

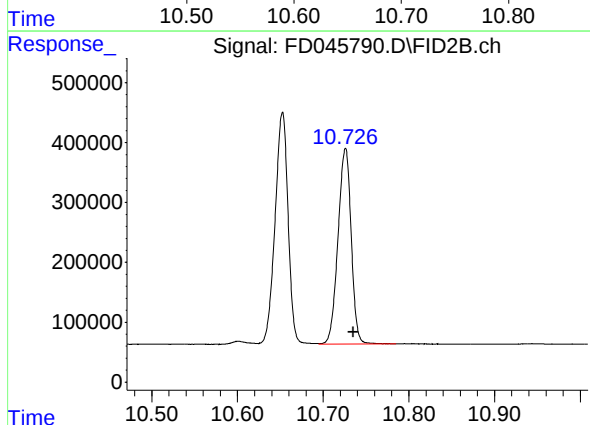
R.T.: 9.263 min
Delta R.T.: -0.008 min
Response: 4328790
Conc: 21.85 ug/ml



#9 Phenanthrene (C19.36)

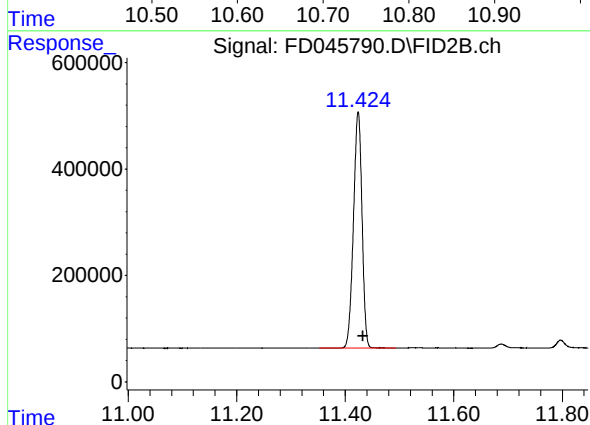
R.T.: 10.652 min
Delta R.T.: -0.009 min
Response: 4082691
Conc: 21.34 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



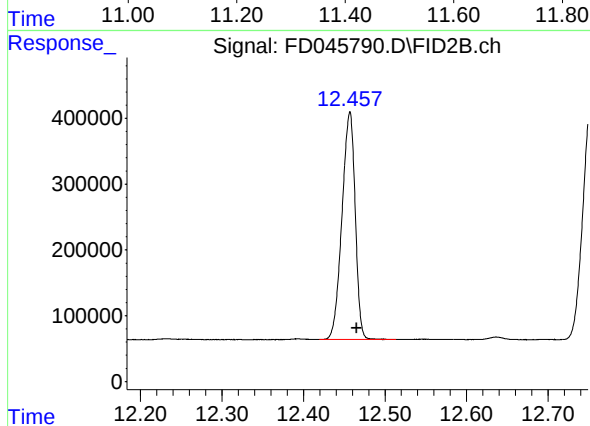
#10 Anthracene (C19.43)

R.T.: 10.726 min
Delta R.T.: -0.009 min
Response: 3488045
Conc: 20.48 ug/ml



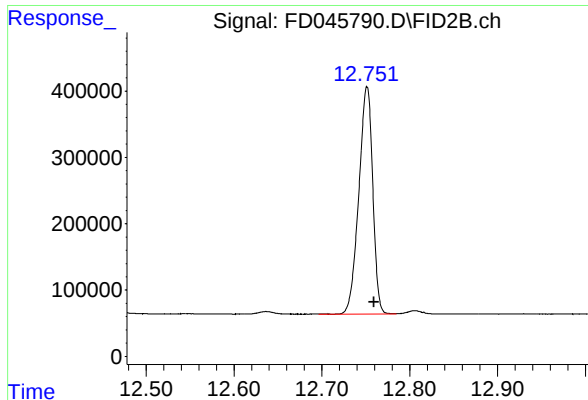
#11 ortho-Terphenyl (SURR)

R.T.: 11.424 min
Delta R.T.: -0.009 min
Response: 4856230
Conc: 21.74 ug/ml



#12 Fluoranthene (C21.85)

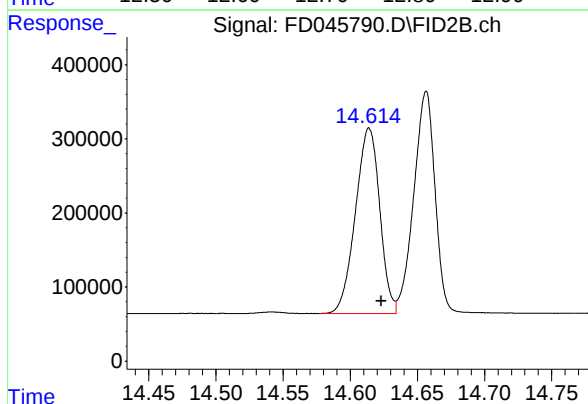
R.T.: 12.457 min
Delta R.T.: -0.008 min
Response: 3893565
Conc: 21.07 ug/ml



#13 Pyrene (C20.8)

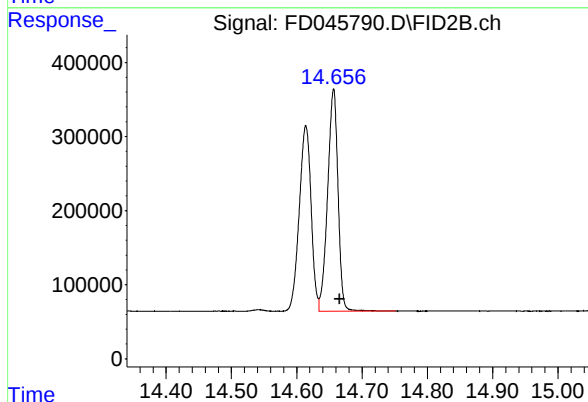
R.T.: 12.751 min
Delta R.T.: -0.008 min
Response: 3782226
Conc: 21.18 ug/ml

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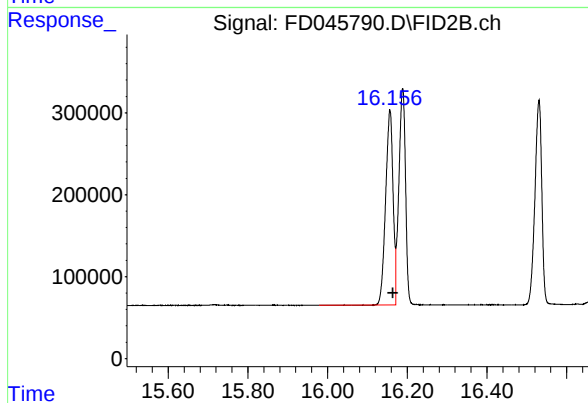
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.614 min
Delta R.T.: -0.009 min
Response: 3158430
Conc: 20.17 ug/ml



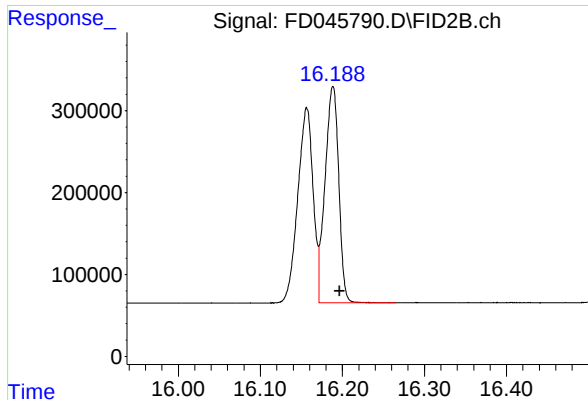
#15 Chrysene (C27.41)

R.T.: 14.656 min
Delta R.T.: -0.009 min
Response: 3320624
Conc: 20.13 ug/ml



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

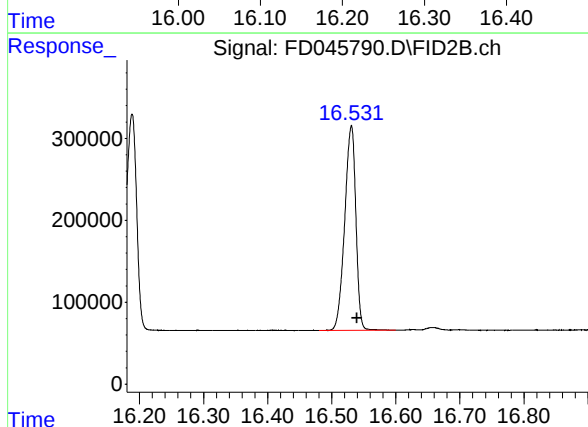
R.T.: 16.156 min
Delta R.T.: -0.008 min
Response: 3089926
Conc: 20.42 ug/ml



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

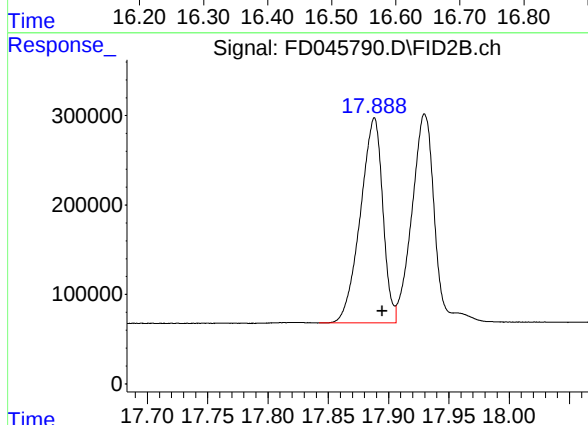
R.T.: 16.188 min
Delta R.T.: -0.008 min
Response: 3065730
Conc: 19.80 ug/ml

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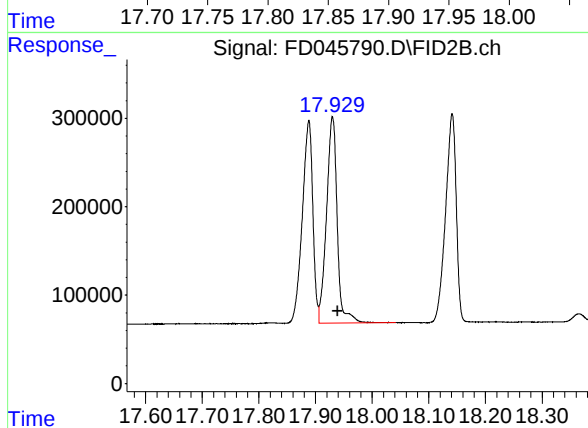
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.530 min
Delta R.T.: -0.009 min
Response: 3012373
Conc: 20.60 ug/ml



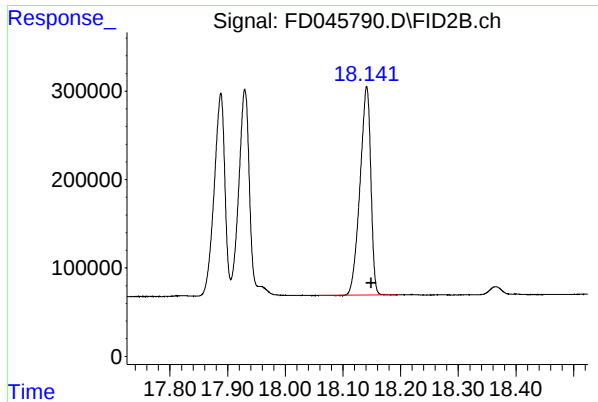
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.888 min
Delta R.T.: -0.007 min
Response: 2957394
Conc: 20.19 ug/ml



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

R.T.: 17.930 min
Delta R.T.: -0.009 min
Response: 3071149
Conc: 20.47 ug/ml



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

R.T.: 18.141 min
Delta R.T.: -0.008 min
Response: 3078228
Conc: 20.86 ug/ml

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