

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD033023AR\
 Data File : FD045383.D
 Signal(s) : FID2B.ch
 Acq On : 30 Mar 2023 00:24
 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: autoint1.e
 Quant Time: Mar 30 02:40:18 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...	7.548	2694237	19.665 ug/ml
Spiked Amount 50.000		Recovery =	39.33%
6) S 2-Fluorobiphenyl (SURR)	8.403	1763824	19.675 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.35%
11) S ortho-Terphenyl (SURR)	11.443	3413078	19.617 ug/ml
Spiked Amount 50.000		Recovery =	39.23%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.357	3058762	19.635 ug/ml
2) T Naphthalene (C11.7)	5.888	3158194	19.652 ug/ml
3) T 2-Methylnaphthalene (...)	6.937	3145708	19.651 ug/ml
5) T Acenaphthylene (C15.06)	8.208	2862242	19.549 ug/ml
7) T Acenaphthene (C15.5)	8.503	3044271	19.627 ug/ml
8) T Fluorene (C16.55)	9.281	2939776	19.825 ug/ml
9) T Phenanthrene (C19.36)	10.672	2848451	19.664 ug/ml
10) T Anthracene (C19.43)	10.746	2675859	19.359 ug/ml
12) T Fluoranthene (C21.85)	12.476	2827309	19.652 ug/ml
13) T Pyrene (C20.8)	12.771	2776738	19.749 ug/ml
14) T Benzo[a]anthracene (C...	14.635	2522851	19.672 ug/ml
15) T Chrysene (C27.41)	14.677	2626046	19.804 ug/ml
16) T benzo[b]fluoranthene ...	16.177	2551624	19.643 ug/ml
17) T Bnezo[k]fluoranthene ...	16.210	2515713	19.863 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.552	2458318	19.553 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.909	2209298	18.666 ug/ml
20) T Dibenz[a,h]anthracene...	17.951	2232360	18.738 ug/ml
21) T Benzo[g,h,i]perylene ...	18.162	2381159	19.063 ug/ml

(f)=RT Delta > 1/2 Window

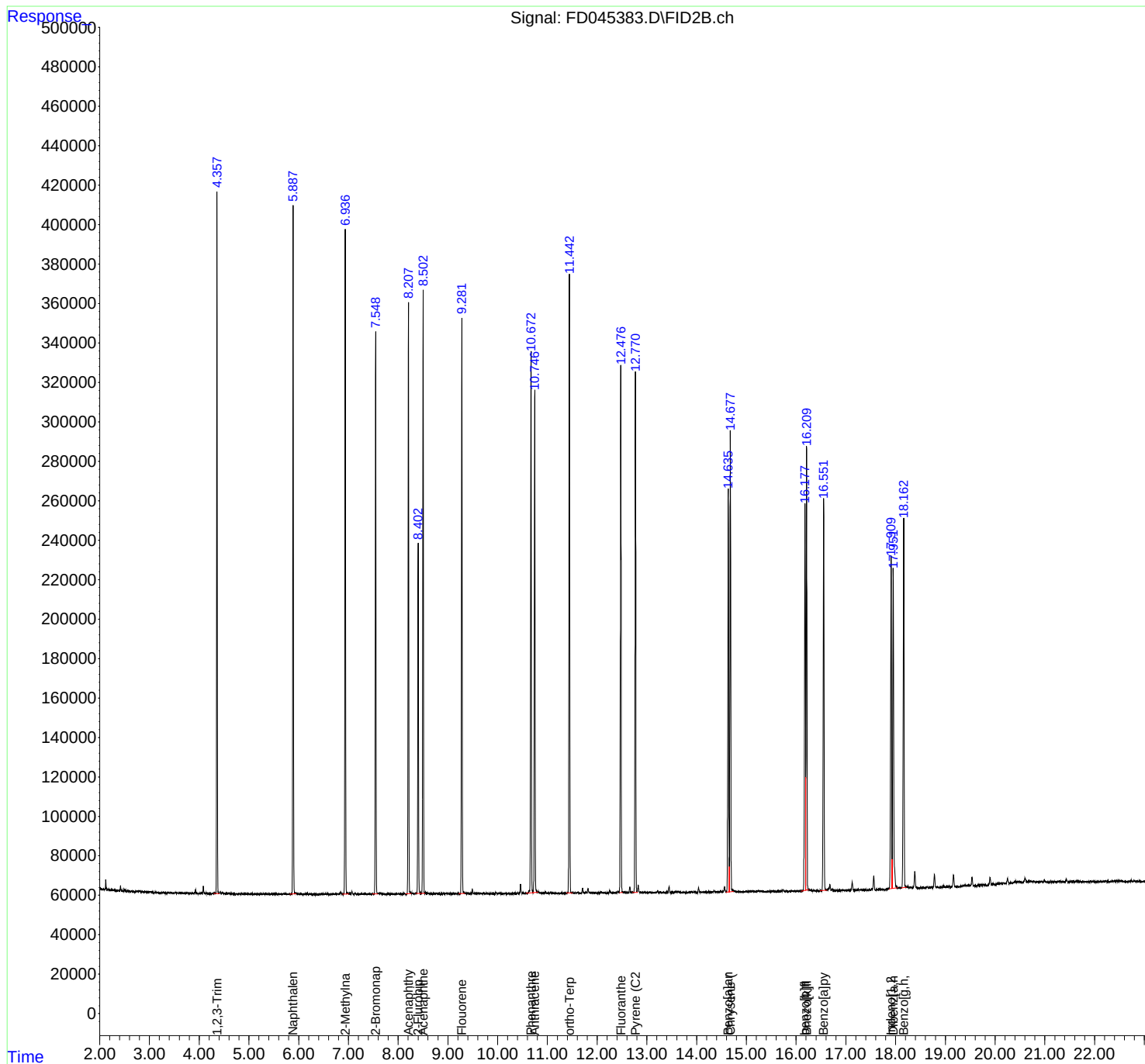
(m)=manual int.

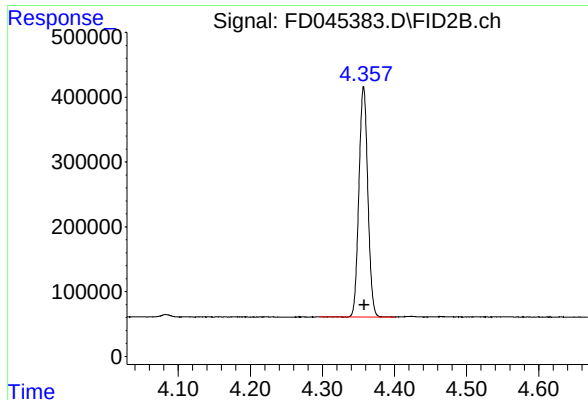
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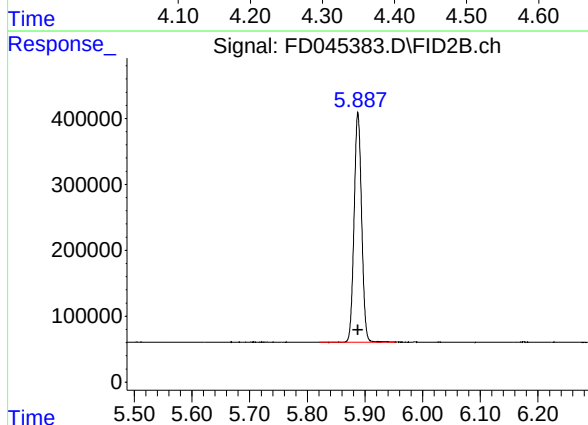




#1 1,2,3-Trimethylbenzene (C10.1)

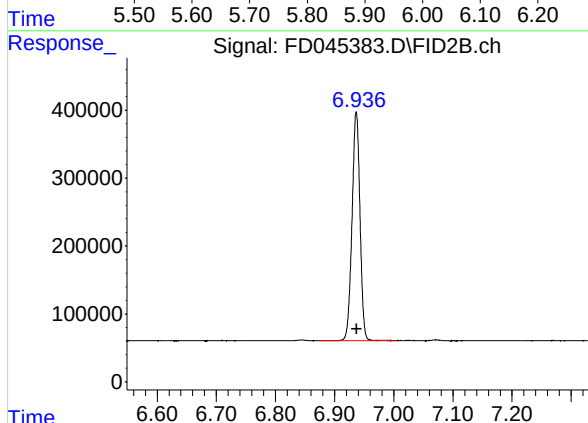
R.T.: 4.357 min
Delta R.T.: 0.000 min
Response: 3058762
Conc: 19.63 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



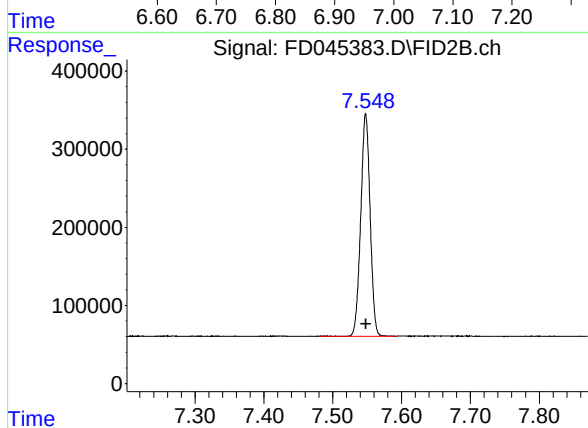
#2 Naphthalene (C11.7)

R.T.: 5.888 min
Delta R.T.: 0.000 min
Response: 3158194
Conc: 19.65 ug/ml



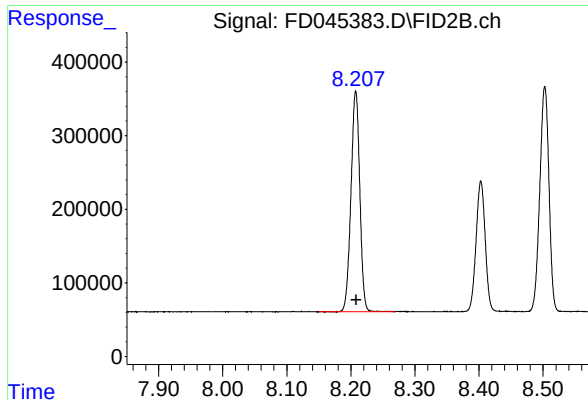
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.937 min
Delta R.T.: 0.000 min
Response: 3145708
Conc: 19.65 ug/ml



#4 2-Bromonaphthalene (SURR)

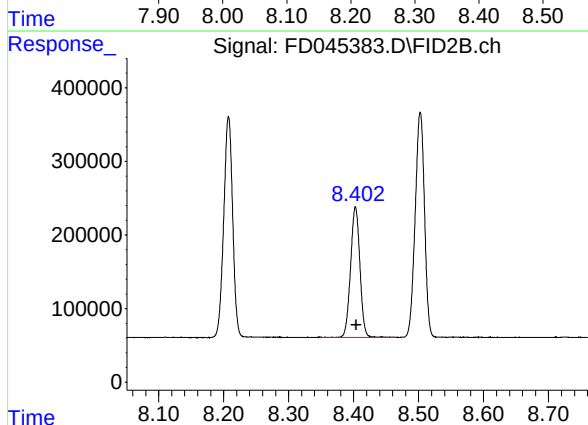
R.T.: 7.548 min
Delta R.T.: 0.000 min
Response: 2694237
Conc: 19.66 ug/ml



#5 Acenaphthylene (C15.06)

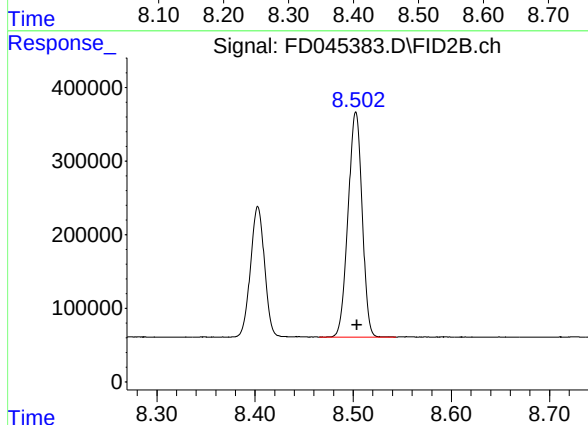
R.T.: 8.208 min
Delta R.T.: 0.000 min
Response: 2862242
Conc: 19.55 ug/ml

Instrument :
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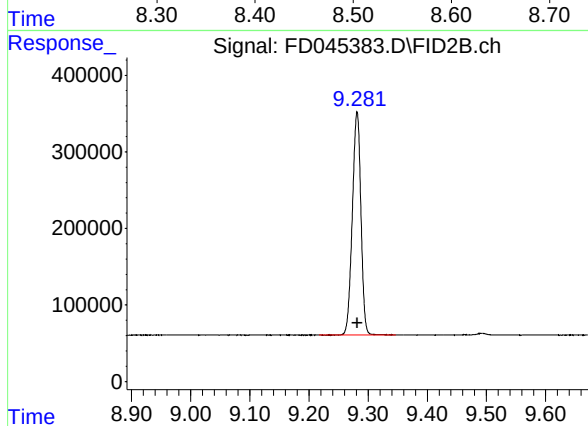
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.403 min
Delta R.T.: -0.001 min
Response: 1763824
Conc: 19.68 ug/ml



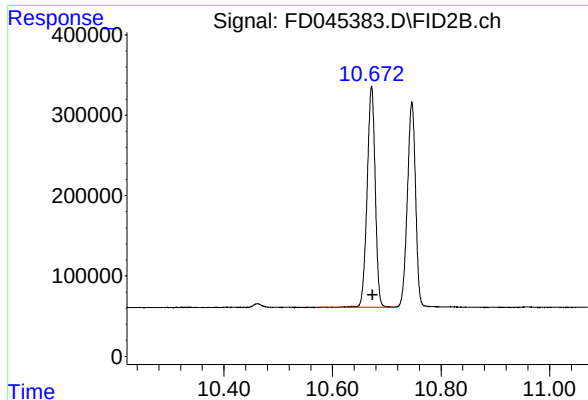
#7 Acenaphthene (C15.5)

R.T.: 8.503 min
Delta R.T.: 0.000 min
Response: 3044271
Conc: 19.63 ug/ml



#8 Fluorene (C16.55)

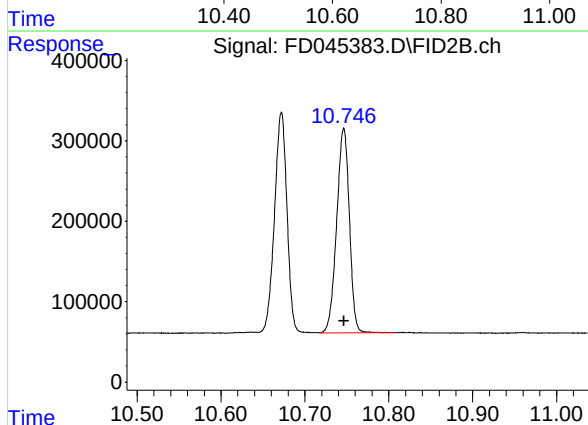
R.T.: 9.281 min
Delta R.T.: 0.000 min
Response: 2939776
Conc: 19.82 ug/ml



#9 Phenanthrene (C19.36)

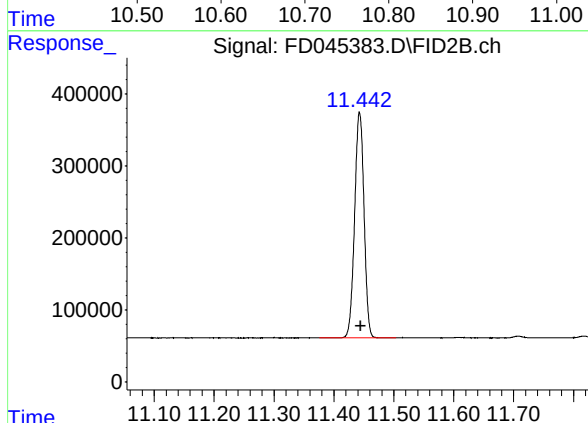
R.T.: 10.672 min
Delta R.T.: -0.002 min
Response: 2848451
Conc: 19.66 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



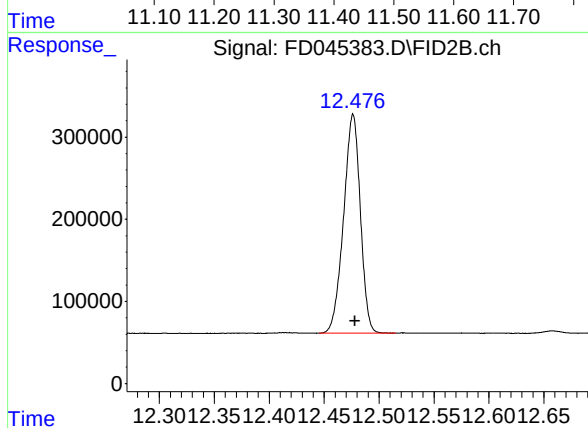
#10 Anthracene (C19.43)

R.T.: 10.746 min
Delta R.T.: 0.000 min
Response: 2675859
Conc: 19.36 ug/ml



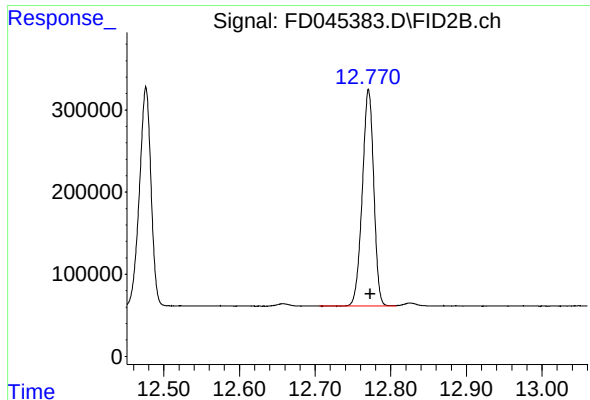
#11 ortho-Terphenyl (SURR)

R.T.: 11.443 min
Delta R.T.: -0.002 min
Response: 3413078
Conc: 19.62 ug/ml



#12 Fluoranthene (C21.85)

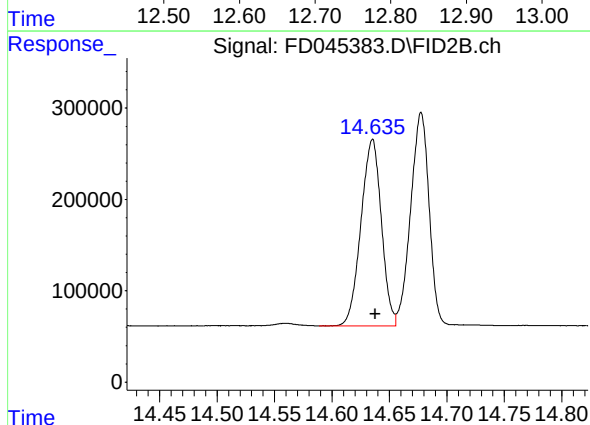
R.T.: 12.476 min
Delta R.T.: -0.002 min
Response: 2827309
Conc: 19.65 ug/ml



#13 Pyrene (C20.8)

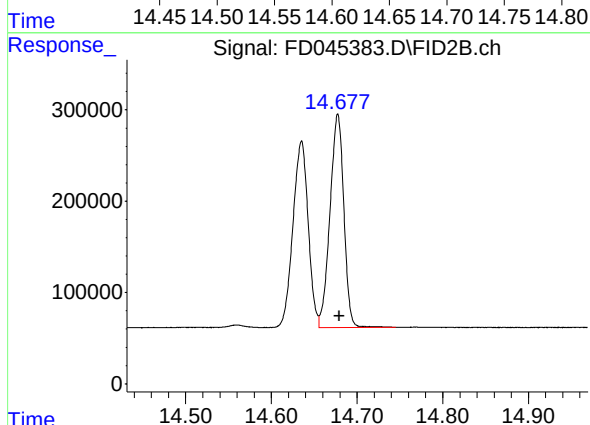
R.T.: 12.771 min
Delta R.T.: -0.002 min
Response: 2776738
Conc: 19.75 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



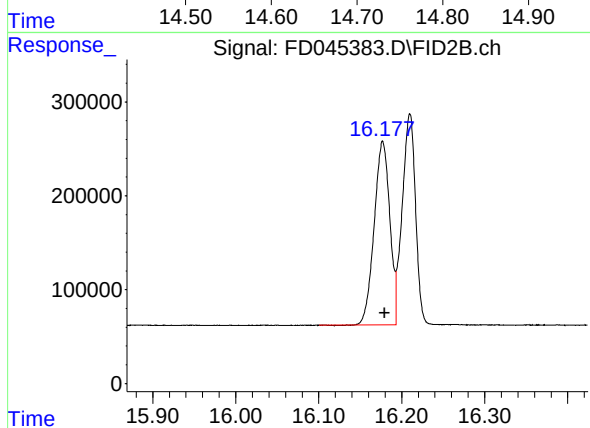
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.635 min
Delta R.T.: -0.003 min
Response: 2522851
Conc: 19.67 ug/ml



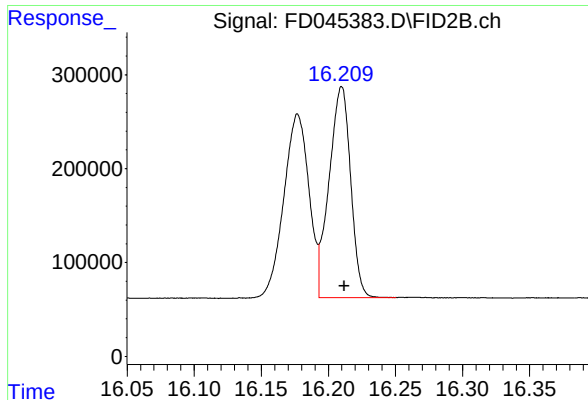
#15 Chrysene (C27.41)

R.T.: 14.677 min
Delta R.T.: -0.002 min
Response: 2626046
Conc: 19.80 ug/ml



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

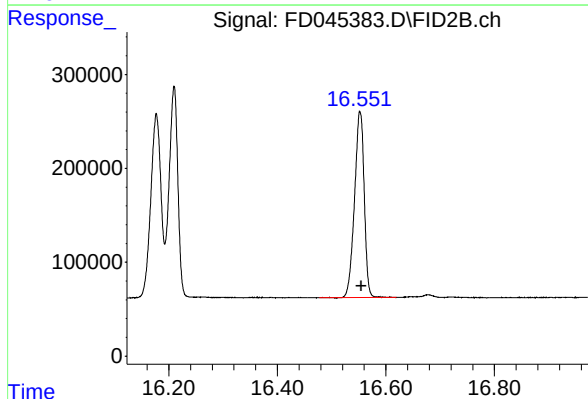
R.T.: 16.177 min
Delta R.T.: -0.002 min
Response: 2551624
Conc: 19.64 ug/ml



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

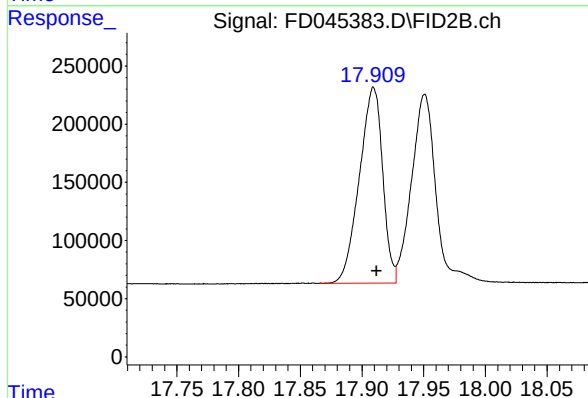
R.T.: 16.210 min
Delta R.T.: -0.002 min
Response: 2515713
Conc: 19.86 ug/ml

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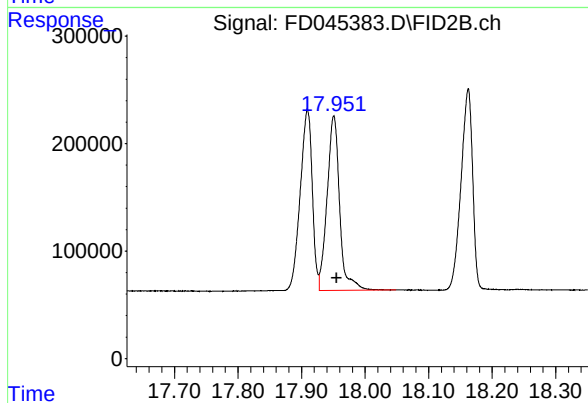
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.552 min
Delta R.T.: -0.003 min
Response: 2458318
Conc: 19.55 ug/ml



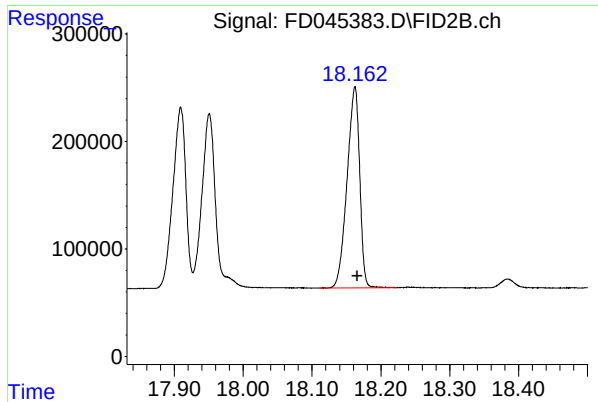
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.909 min
Delta R.T.: -0.003 min
Response: 2209298
Conc: 18.67 ug/ml



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

R.T.: 17.951 min
Delta R.T.: -0.004 min
Response: 2232360
Conc: 18.74 ug/ml



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

R.T.: 18.162 min
Delta R.T.: -0.004 min
Response: 2381159
Conc: 19.06 ug/ml

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