

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022025AR\
 Data File : FD049091.D
 Signal(s) : FID2B.ch
 Acq On : 20 Feb 2025 12:41
 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: Feb 21 00:22:20 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 021125.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 12 12:54:29 2025
 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...	7.351	2841666	19.857 ug/ml
Spiked Amount 50.000		Recovery =	39.71%
6) S 2-Fluorobiphenyl (SURR)	8.203	1765800	20.086 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.17%
11) S ortho-Terphenyl (SURR)	11.233	3225435	19.938 ug/ml
Spiked Amount 50.000		Recovery =	39.88%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.174	3170688	19.910 ug/ml
2) T Naphthalene (C11.7)	5.692	3197326	20.136 ug/ml
3) T 2-Methylnaphthalene (...)	6.738	3140065	20.168 ug/ml
5) T Acenaphthylene (C15.06)	8.003	3177776	19.543 ug/ml
7) T Acenaphthene (C15.5)	8.296	3267632	19.863 ug/ml
8) T Fluorene (C16.55)	9.077	3122667	19.808 ug/ml
9) T Phenanthrene (C19.36)	10.463	3016156	20.014 ug/ml
10) T Anthracene (C19.43)	10.541	2701971	17.890 ug/ml
12) T Fluoranthene (C21.85)	12.267	3110277	20.155 ug/ml
13) T Pyrene (C20.8)	12.559	3025704	19.640 ug/ml
14) T Benzo[a]anthracene (C...	14.430	2659057	20.238 ug/ml
15) T Chrysene (C27.41)	14.471	3276156	20.262 ug/ml
16) T benzo[b]fluoranthene ...	15.977	2804274	20.381 ug/ml
17) T Bnezo[k]fluoranthene ...	16.009	3195904	20.235 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.356	2643711	19.477 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.721	2077634	19.013 ug/ml
20) T Dibenz[a,h]anthracene...	17.762	3344993	21.561 ug/ml
21) T Benzo[g,h,i]perylene ...	17.970	2808947	19.379 ug/ml

(f)=RT Delta > 1/2 Window

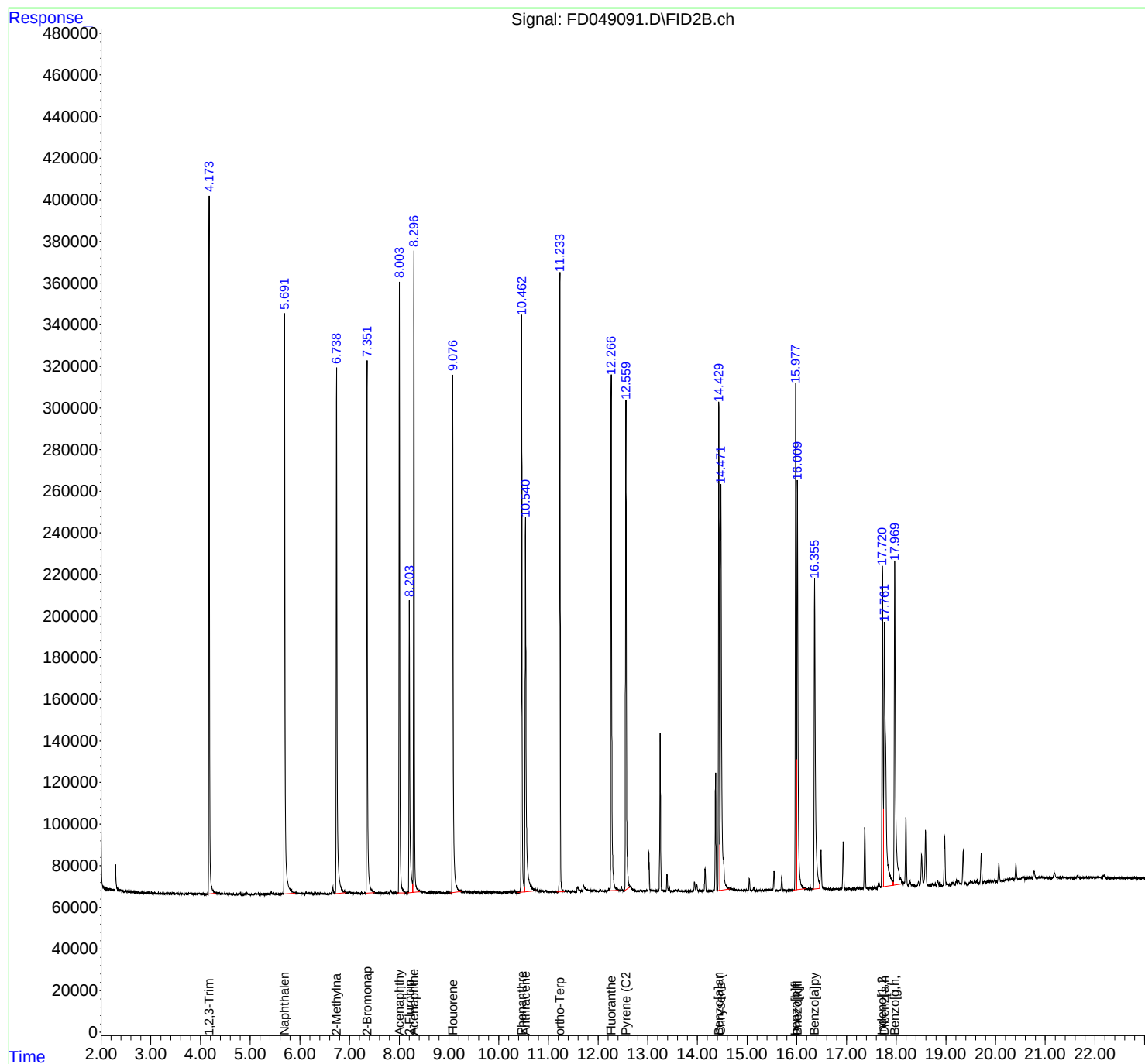
(m)=manual int.

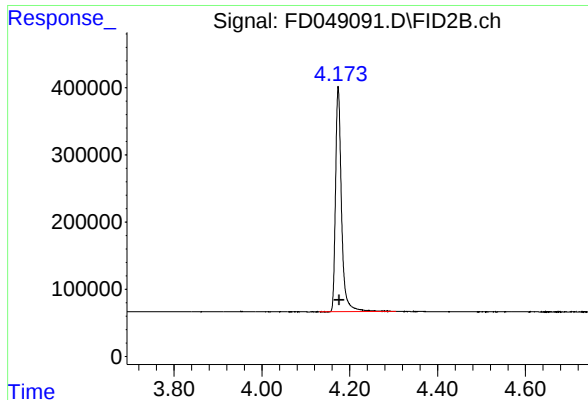
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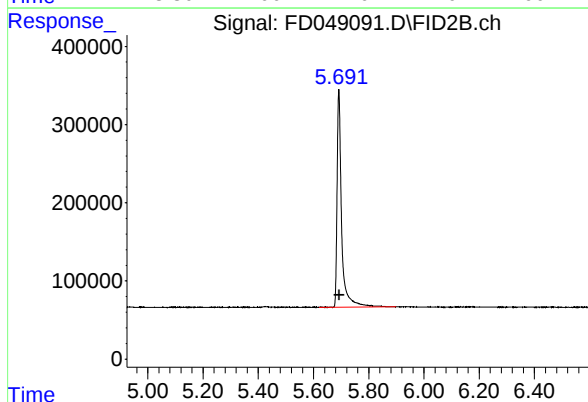




#1 1,2,3-Trimethylbenzene (C10.1)

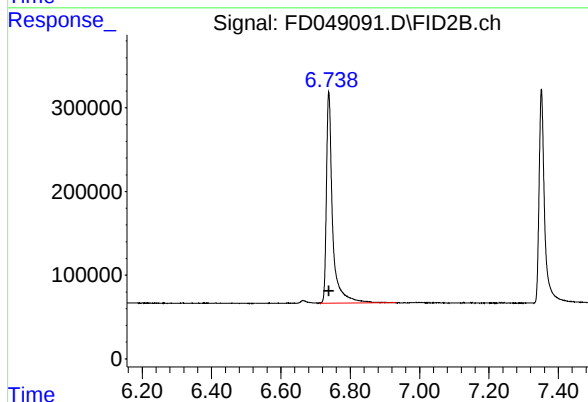
R.T.: 4.174 min
Delta R.T.: -0.002 min
Response: 3170688
Conc: 19.91 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



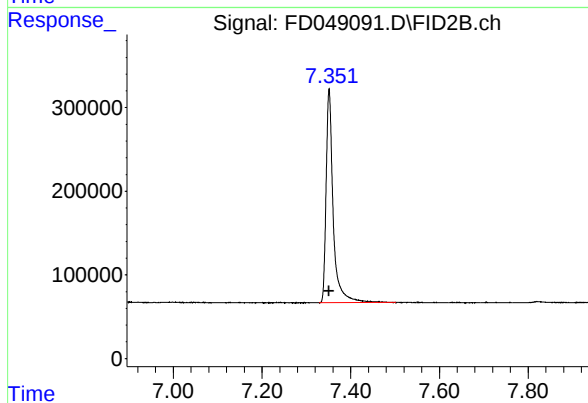
#2 Naphthalene (C11.7)

R.T.: 5.692 min
Delta R.T.: -0.001 min
Response: 3197326
Conc: 20.14 ug/ml



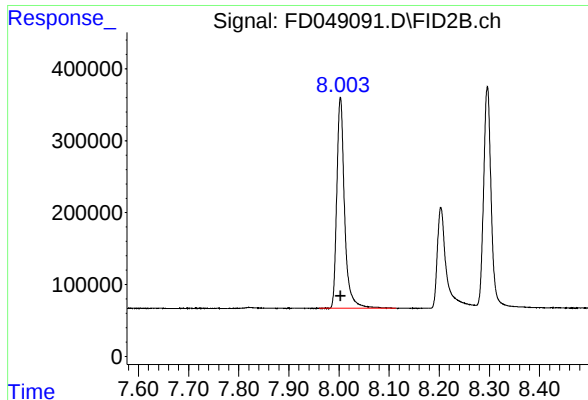
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.738 min
Delta R.T.: 0.000 min
Response: 3140065
Conc: 20.17 ug/ml



#4 2-Bromonaphthalene (SURR)

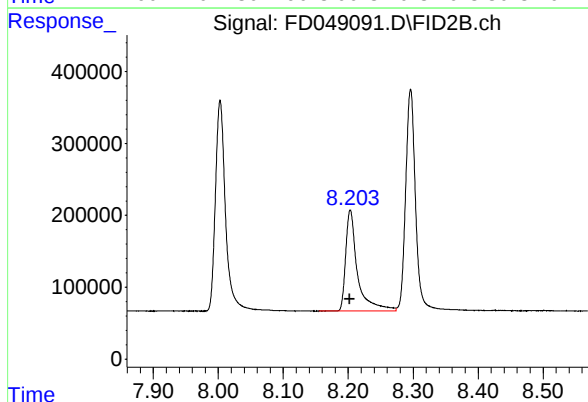
R.T.: 7.351 min
Delta R.T.: 0.000 min
Response: 2841666
Conc: 19.86 ug/ml



#5 Acenaphthylene (C15.06)

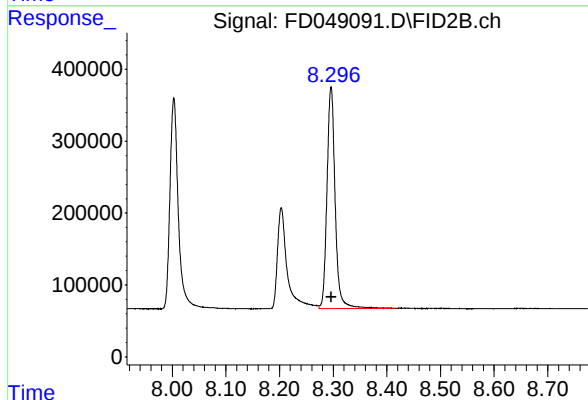
R.T.: 8.003 min
Delta R.T.: 0.000 min
Response: 3177776
Conc: 19.54 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



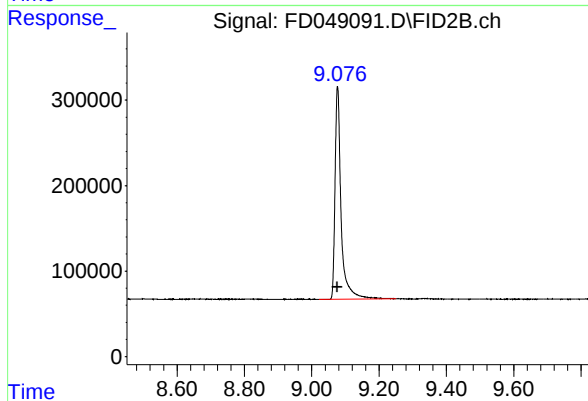
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.203 min
Delta R.T.: 0.000 min
Response: 1765800
Conc: 20.09 ug/ml



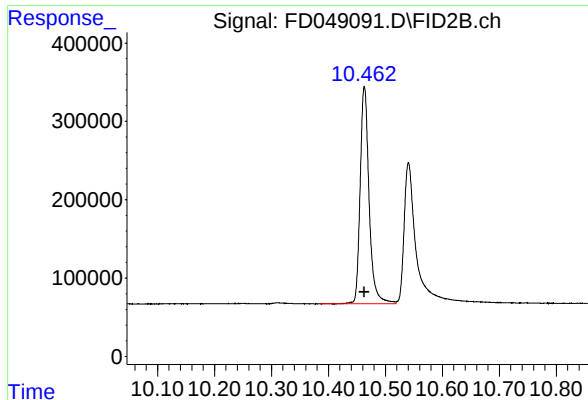
#7 Acenaphthene (C15.5)

R.T.: 8.296 min
Delta R.T.: 0.000 min
Response: 3267632
Conc: 19.86 ug/ml



#8 Flouorene (C16.55)

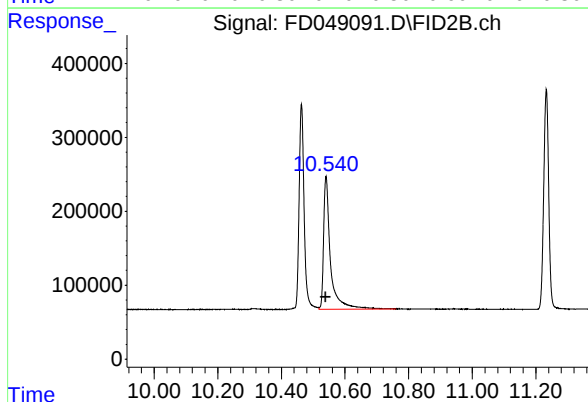
R.T.: 9.077 min
Delta R.T.: 0.000 min
Response: 3122667
Conc: 19.81 ug/ml



#9 Phenanthrene (C19.36)

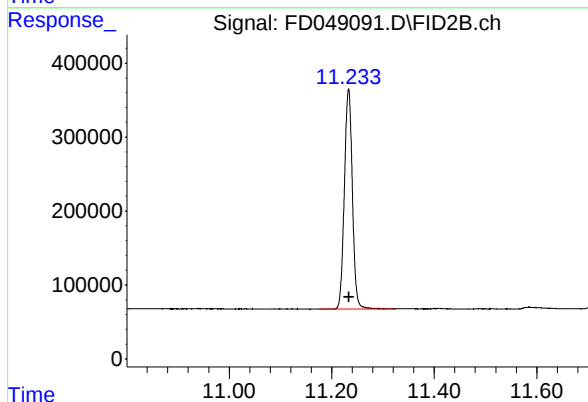
R.T.: 10.463 min
Delta R.T.: 0.000 min
Response: 3016156
Conc: 20.01 ug/ml

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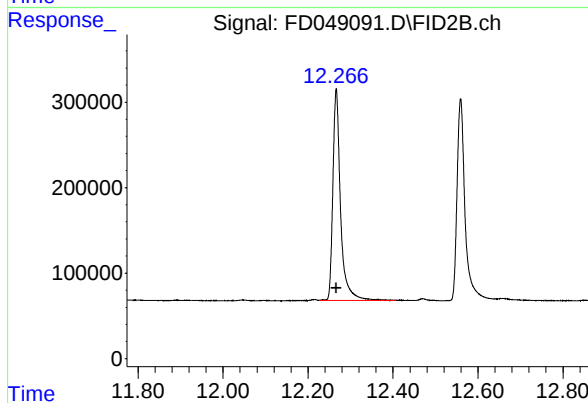
#10 Anthracene (C19.43)

R.T.: 10.541 min
Delta R.T.: 0.001 min
Response: 2701971
Conc: 17.89 ug/ml



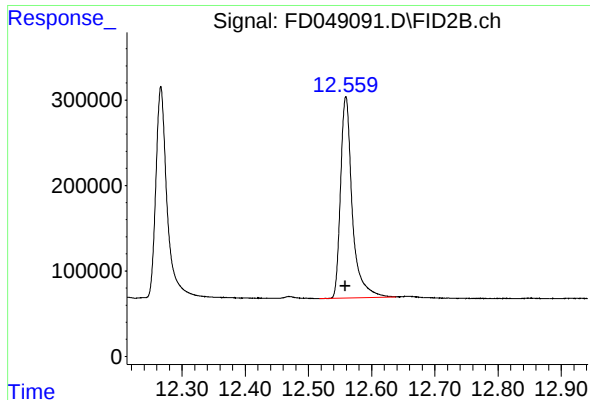
#11 ortho-Terphenyl (SURR)

R.T.: 11.233 min
Delta R.T.: 0.000 min
Response: 3225435
Conc: 19.94 ug/ml



#12 Fluoranthene (C21.85)

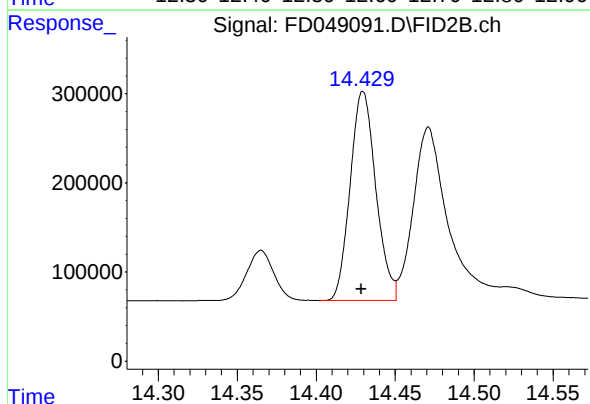
R.T.: 12.267 min
Delta R.T.: 0.000 min
Response: 3110277
Conc: 20.16 ug/ml



#13 Pyrene (C20.8)

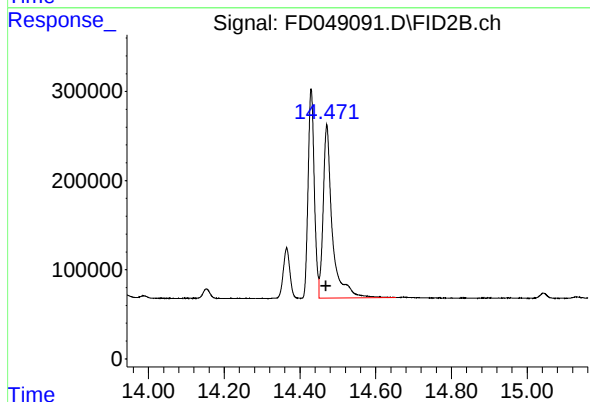
R.T.: 12.559 min
Delta R.T.: 0.000 min
Response: 3025704
Conc: 19.64 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



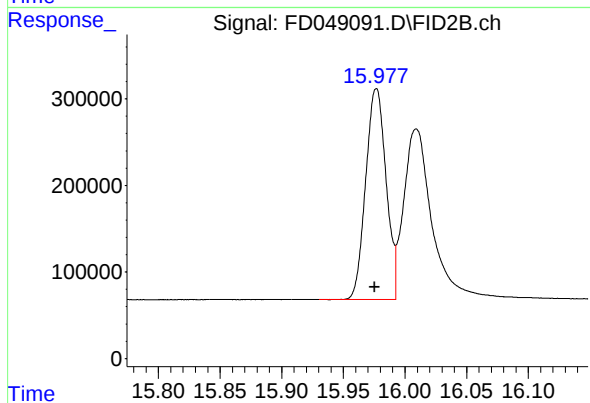
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.430 min
Delta R.T.: 0.001 min
Response: 2659057
Conc: 20.24 ug/ml



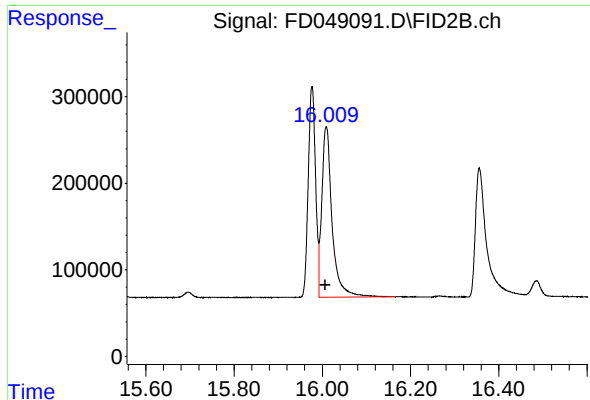
#15 Chrysene (C27.41)

R.T.: 14.471 min
Delta R.T.: 0.002 min
Response: 3276156
Conc: 20.26 ug/ml



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

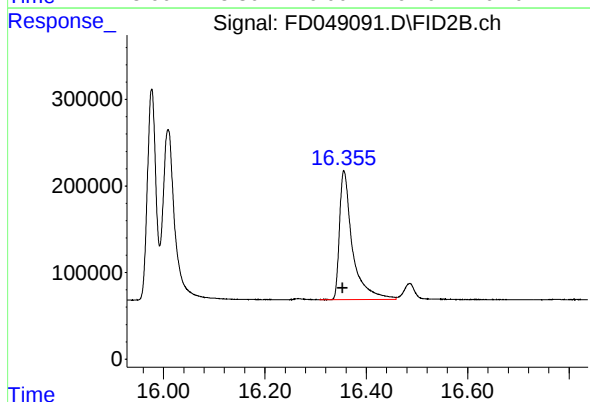
R.T.: 15.977 min
Delta R.T.: 0.001 min
Response: 2804274
Conc: 20.38 ug/ml



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

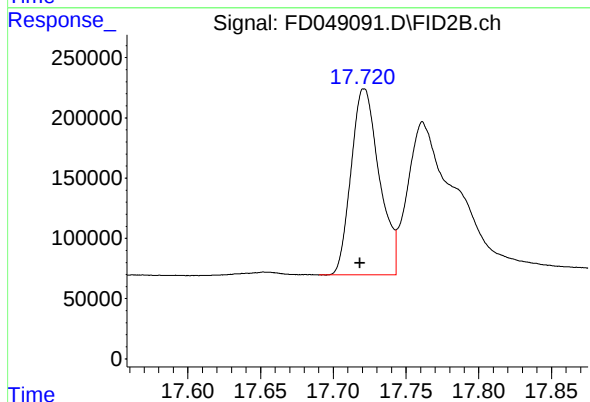
R.T.: 16.009 min
Delta R.T.: 0.003 min
Response: 3195904
Conc: 20.23 ug/ml

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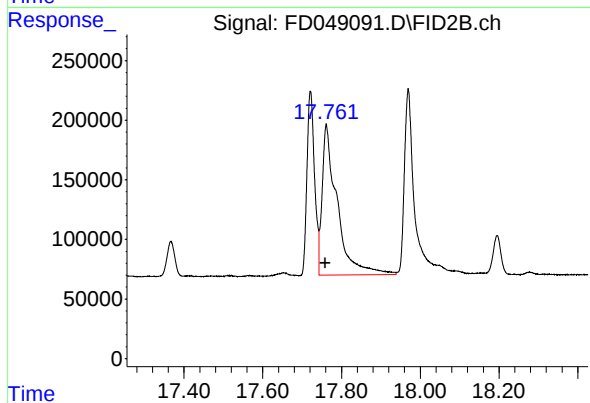
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.356 min
Delta R.T.: 0.002 min
Response: 2643711
Conc: 19.48 ug/ml



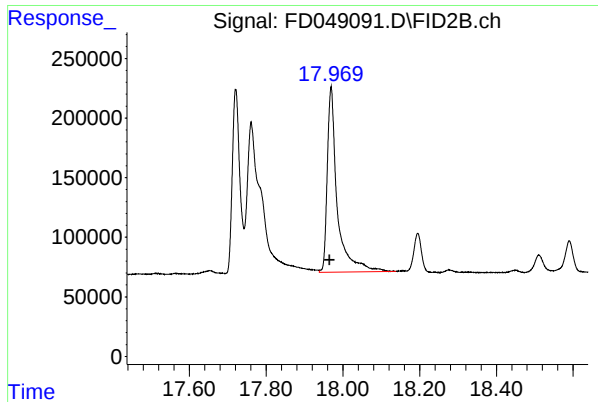
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.721 min
Delta R.T.: 0.003 min
Response: 2077634
Conc: 19.01 ug/ml



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

R.T.: 17.762 min
Delta R.T.: 0.003 min
Response: 3344993
Conc: 21.56 ug/ml



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

R.T.: 17.970 min
Delta R.T.: 0.004 min
Response: 2808947
Conc: 19.38 ug/ml

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