

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030725AR\
 Data File : FD049170.D
 Signal(s) : FID2B.ch
 Acq On : 06 Mar 2025 10:13
 Operator : YP/AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e
 Quant Time: Mar 10 02:35:45 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030725.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 10 02:34:33 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	7200946	47.947 ug/ml
Spiked Amount 50.000		Recovery =	95.89%
6) S 2-Fluorobiphenyl (SURR)	8.202	4557827	53.448 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	106.90%
11) S ortho-Terphenyl (SURR)	11.236	8068080	47.073 ug/ml
Spiked Amount 50.000		Recovery =	94.15%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.174	7870663	47.922 ug/ml
2) T Naphthalene (C11.7)	5.691	8079248	48.646 ug/ml
3) T 2-Methylnaphthalene (...)	6.739	7951993	48.214 ug/ml
5) T Acenaphthylene (C15.06)	8.004	8126811	47.828 ug/ml
7) T Acenaphthene (C15.5)	8.299	8135415	45.922 ug/ml
8) T Fluorene (C16.55)	9.077	7915786	48.655 ug/ml
9) T Phenanthrene (C19.36)	10.465	7661858	48.771 ug/ml
10) T Anthracene (C19.43)	10.541	7493075	48.729 ug/ml
12) T Fluoranthene (C21.85)	12.270	7768096	48.039 ug/ml
13) T Pyrene (C20.8)	12.563	7715880	48.855 ug/ml
14) T Benzo[a]anthracene (C...	14.434	6953257	54.338 ug/ml
15) T Chrysene (C27.41)	14.476	6722800	42.993 ug/ml
16) T benzo[b]fluoranthene ...	15.986	7155833	52.012 ug/ml
17) T Bnezo[k]fluoranthene ...	16.017	7334288	46.799 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.359	6846343	50.194 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.728	5321905	59.230 ug/ml
20) T Dibenz[a,h]anthracene...	17.764	6516891	42.068 ug/ml
21) T Benzo[g,h,i]perylene ...	17.978	6547910	50.827 ug/ml

(f)=RT Delta > 1/2 Window

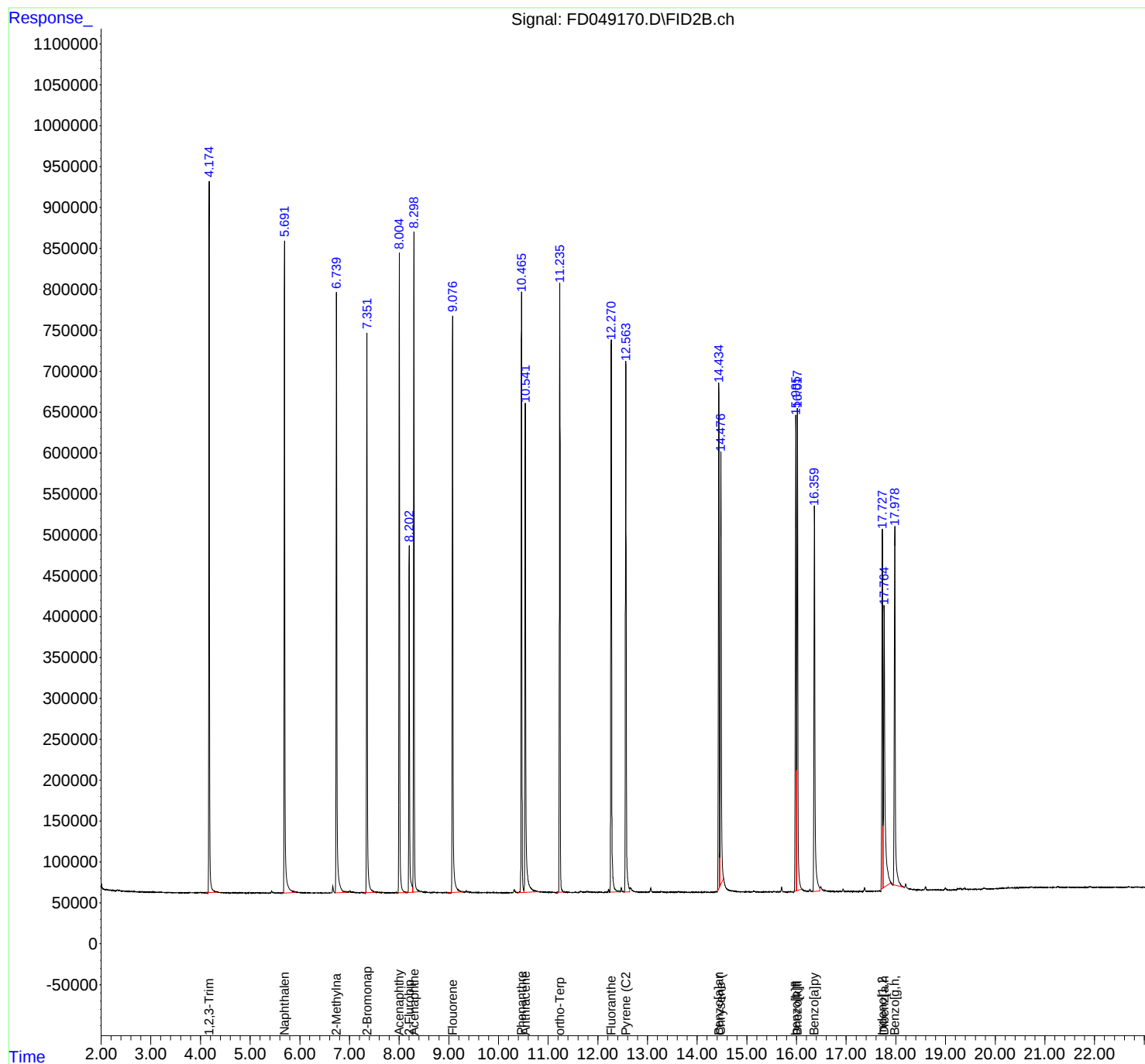
(m)=manual int.

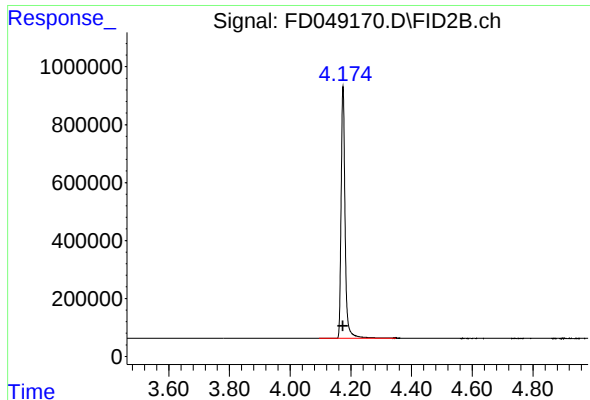
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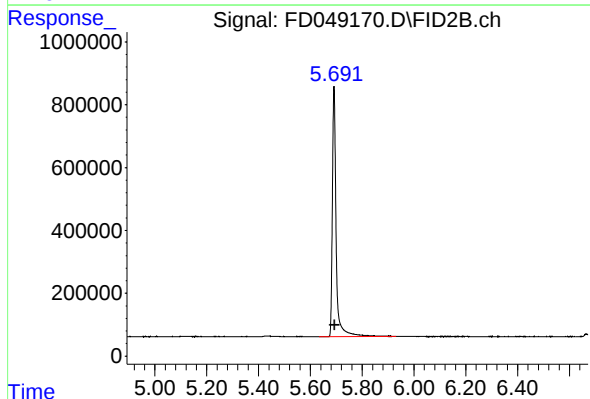




#1 1,2,3-Trimethylbenzene (C10.1)

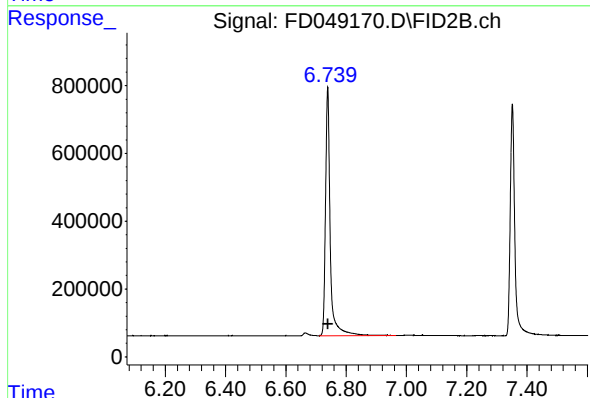
R.T.: 4.174 min
Delta R.T.: 0.000 min
Response: 7870663
Conc: 47.92 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



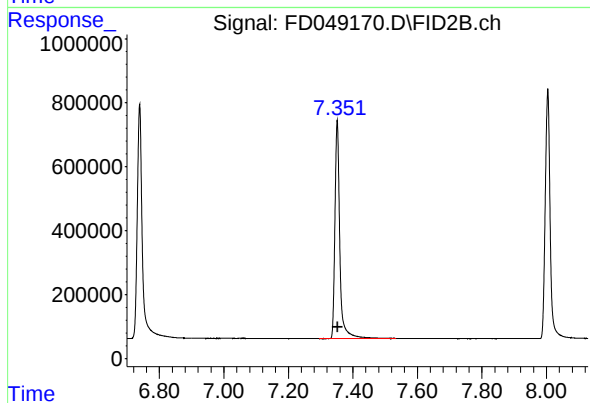
#2 Naphthalene (C11.7)

R.T.: 5.691 min
Delta R.T.: -0.002 min
Response: 8079248
Conc: 48.65 ug/ml



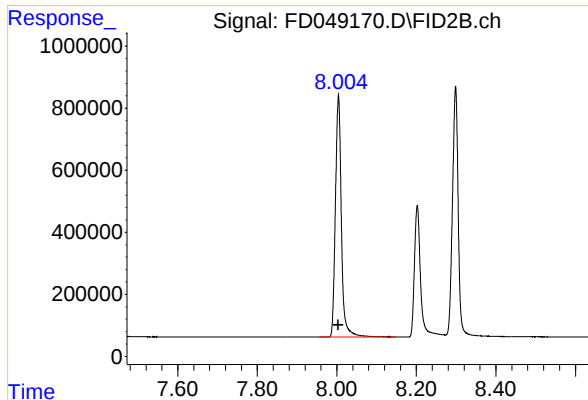
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.739 min
Delta R.T.: -0.001 min
Response: 7951993
Conc: 48.21 ug/ml



#4 2-Bromonaphthalene (SURR)

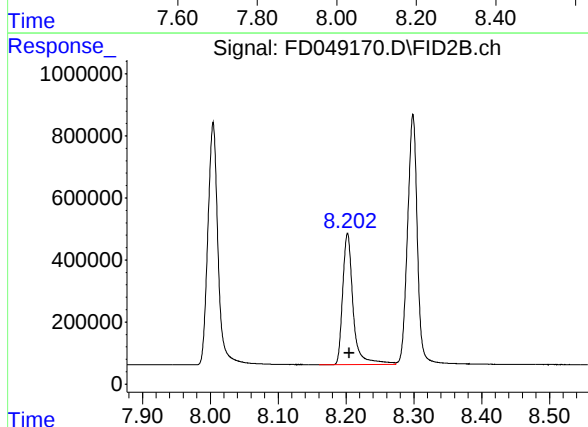
R.T.: 7.351 min
Delta R.T.: -0.001 min
Response: 7200946
Conc: 47.95 ug/ml



#5 Acenaphthylene (C15.06)

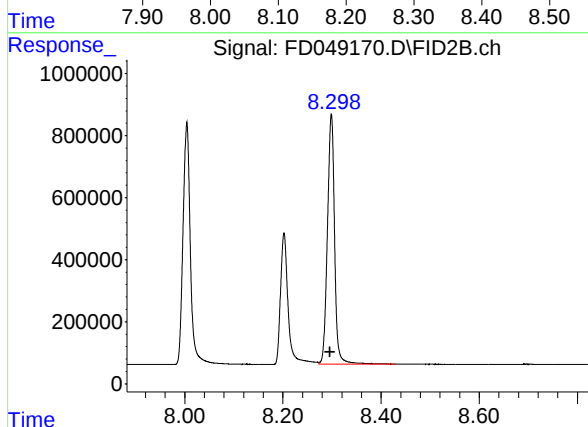
R.T.: 8.004 min
Delta R.T.: 0.000 min
Response: 8126811
Conc: 47.83 ug/ml

Instrument :
FID_D
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50 PPM AROMATIC HC STD2



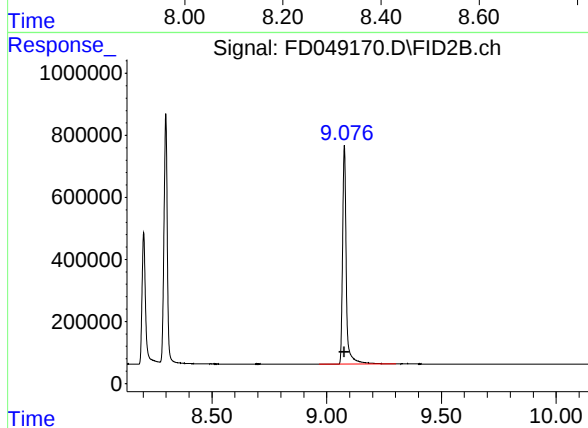
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.202 min
Delta R.T.: -0.003 min
Response: 4557827
Conc: 53.45 ug/ml



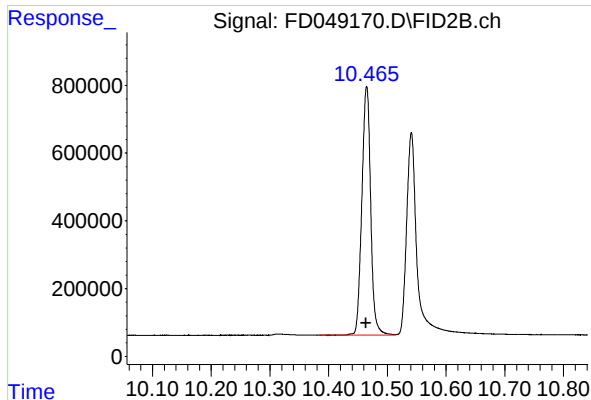
#7 Acenaphthene (C15.5)

R.T.: 8.299 min
Delta R.T.: 0.003 min
Response: 8135415
Conc: 45.92 ug/ml



#8 Fluorene (C16.55)

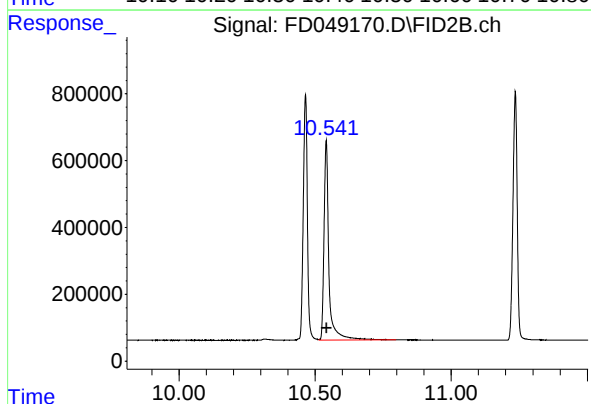
R.T.: 9.077 min
Delta R.T.: 0.000 min
Response: 7915786
Conc: 48.66 ug/ml



#9 Phenanthrene (C19.36)

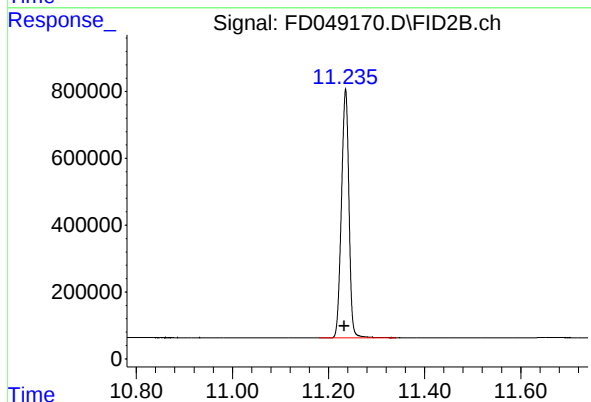
R.T.: 10.465 min
Delta R.T.: 0.001 min
Response: 7661858
Conc: 48.77 ug/ml

Instrument :
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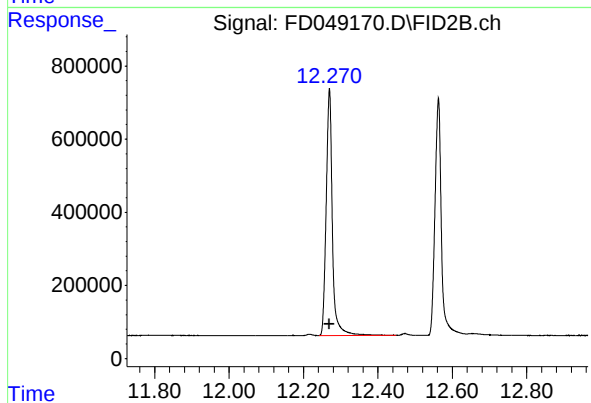
#10 Anthracene (C19.43)

R.T.: 10.541 min
Delta R.T.: -0.002 min
Response: 7493075
Conc: 48.73 ug/ml



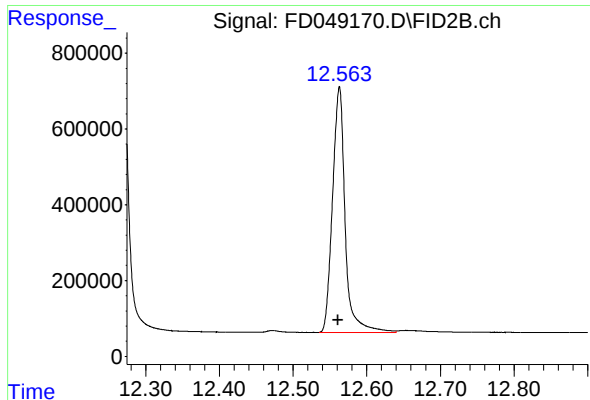
#11 ortho-Terphenyl (SURRE)

R.T.: 11.236 min
Delta R.T.: 0.002 min
Response: 8068080
Conc: 47.07 ug/ml



#12 Fluoranthene (C21.85)

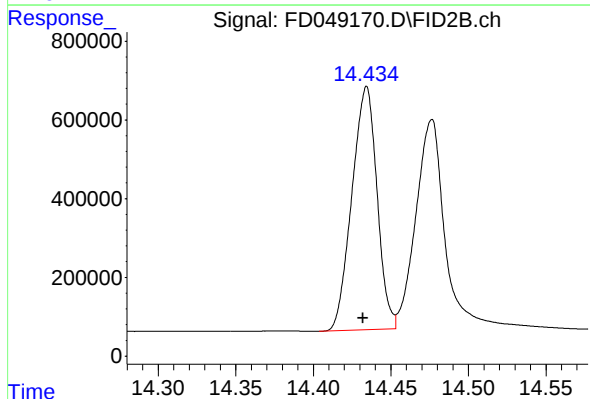
R.T.: 12.270 min
Delta R.T.: 0.000 min
Response: 7768096
Conc: 48.04 ug/ml



#13 Pyrene (C20.8)

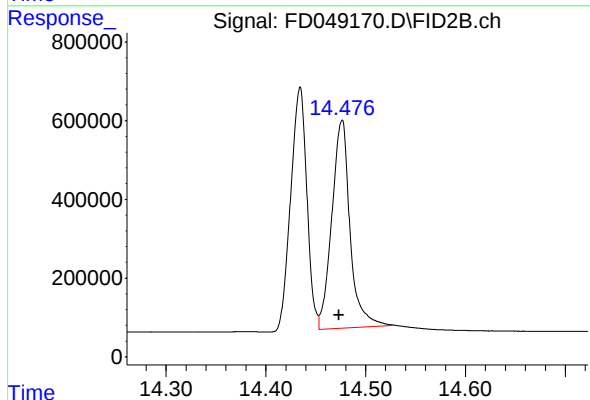
R.T.: 12.563 min
Delta R.T.: 0.002 min
Response: 7715880
Conc: 48.86 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



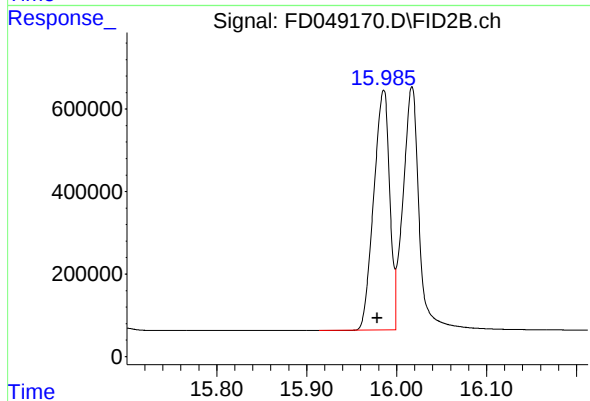
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.434 min
Delta R.T.: 0.002 min
Response: 6953257
Conc: 54.34 ug/ml



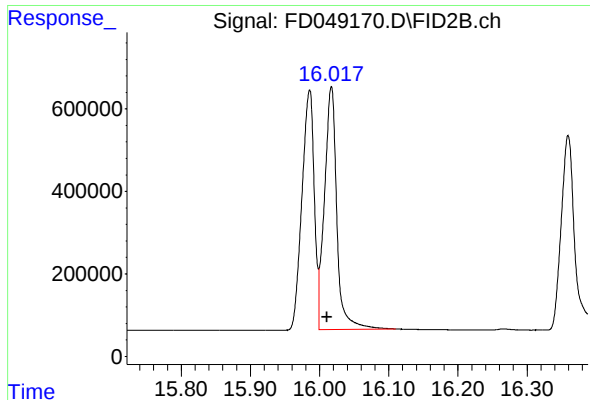
#15 Chrysene (C27.41)

R.T.: 14.476 min
Delta R.T.: 0.003 min
Response: 6722800
Conc: 42.99 ug/ml



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

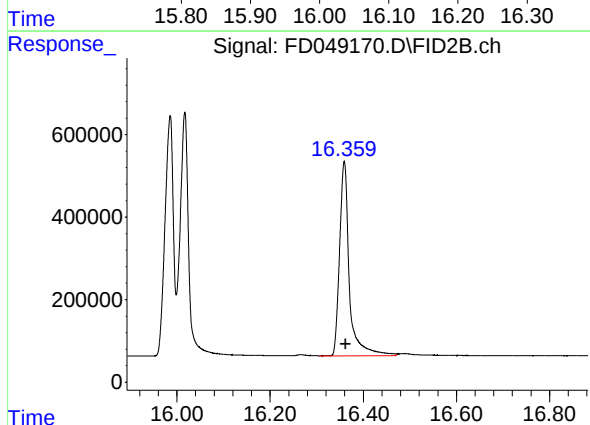
R.T.: 15.986 min
Delta R.T.: 0.007 min
Response: 7155833
Conc: 52.01 ug/ml



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

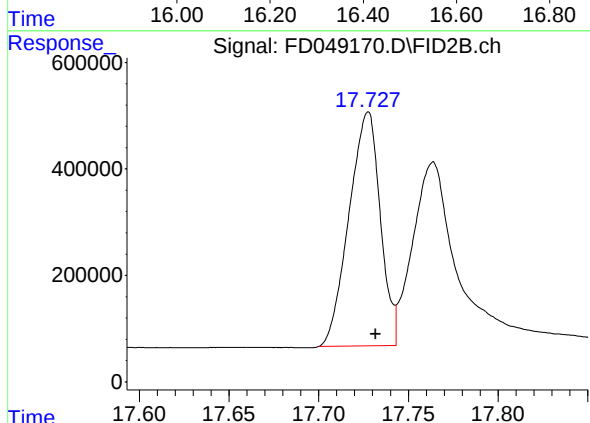
R.T.: 16.017 min
Delta R.T.: 0.006 min
Response: 7334288
Conc: 46.80 ug/ml

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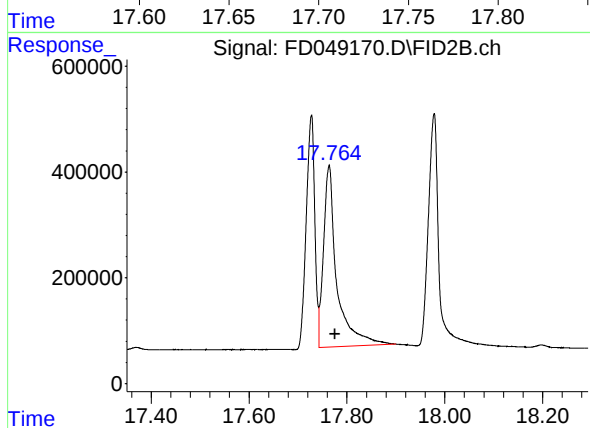
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.359 min
Delta R.T.: -0.003 min
Response: 6846343
Conc: 50.19 ug/ml



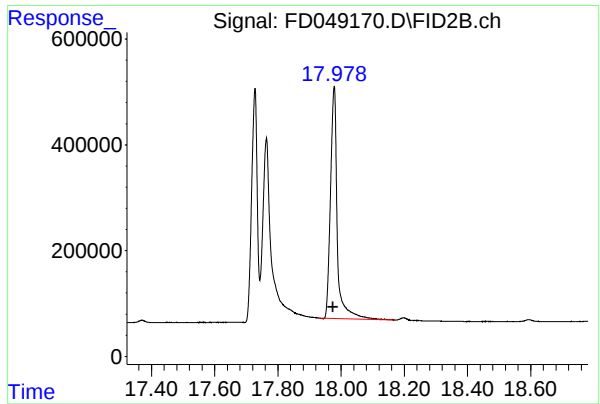
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.728 min
Delta R.T.: -0.004 min
Response: 5321905
Conc: 59.23 ug/ml



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

R.T.: 17.764 min
Delta R.T.: -0.012 min
Response: 6516891
Conc: 42.07 ug/ml



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

R.T.: 17.978 min
Delta R.T.: 0.004 min
Response: 6547910
Conc: 50.83 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2