

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021022AR\
 Data File : FD040946.D
 Signal(s) : FID2B.CH
 Acq On : 10 Feb 2022 12:47
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Feb 11 00:09:22 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020822.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 08 22:55:26 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.358	472901	22.371 ug/ml
Spiked Amount 50.000		Recovery =	44.74%
6) S 2-Fluorobiphenyl (SURR)	8.208	274907	21.455 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.91%
11) S ortho-Terphenyl (SURR)	11.234	611149	21.061 ug/ml
Spiked Amount 50.000		Recovery =	42.12%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.174	531054	20.927 ug/ml
2) T Naphthalene (C11.7)	5.700	495338	21.330 ug/ml
3) T 2-Methylnaphthalene (...)	6.746	522871	22.115 ug/ml
5) T Acenaphthylene (C15.06)	8.005	568589	21.188 ug/ml
7) T Acenaphthene (C15.5)	8.298	645865	21.440 ug/ml
8) T Fluorene (C16.55)	9.078	537488	21.601 ug/ml
9) T Phenanthrene (C19.36)	10.463	534241	21.681 ug/ml
10) T Anthracene (C19.43)	10.538	538895	20.657 ug/ml
12) T Fluoranthene (C21.85)	12.262	571693	21.461 ug/ml
13) T Pyrene (C20.8)	12.554	574102	21.221 ug/ml
14) T Benzo[a]anthracene (C...	14.421	463968	20.826 ug/ml
15) T Chrysene (C27.41)	14.461	680936	21.635 ug/ml
16) T benzo[b]fluoranthene ...	15.962	527093	21.186 ug/ml
17) T Bnezo[k]fluoranthene ...	15.993	648348	21.244 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.341	537186	21.072 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.699	503962	21.353 ug/ml
20) T Dibenz[a,h]anthracene...	17.744	658375	22.220 ug/ml
21) T Benzo[g,h,i]perylene ...	17.946	573444	21.595 ug/ml

(f)=RT Delta > 1/2 Window

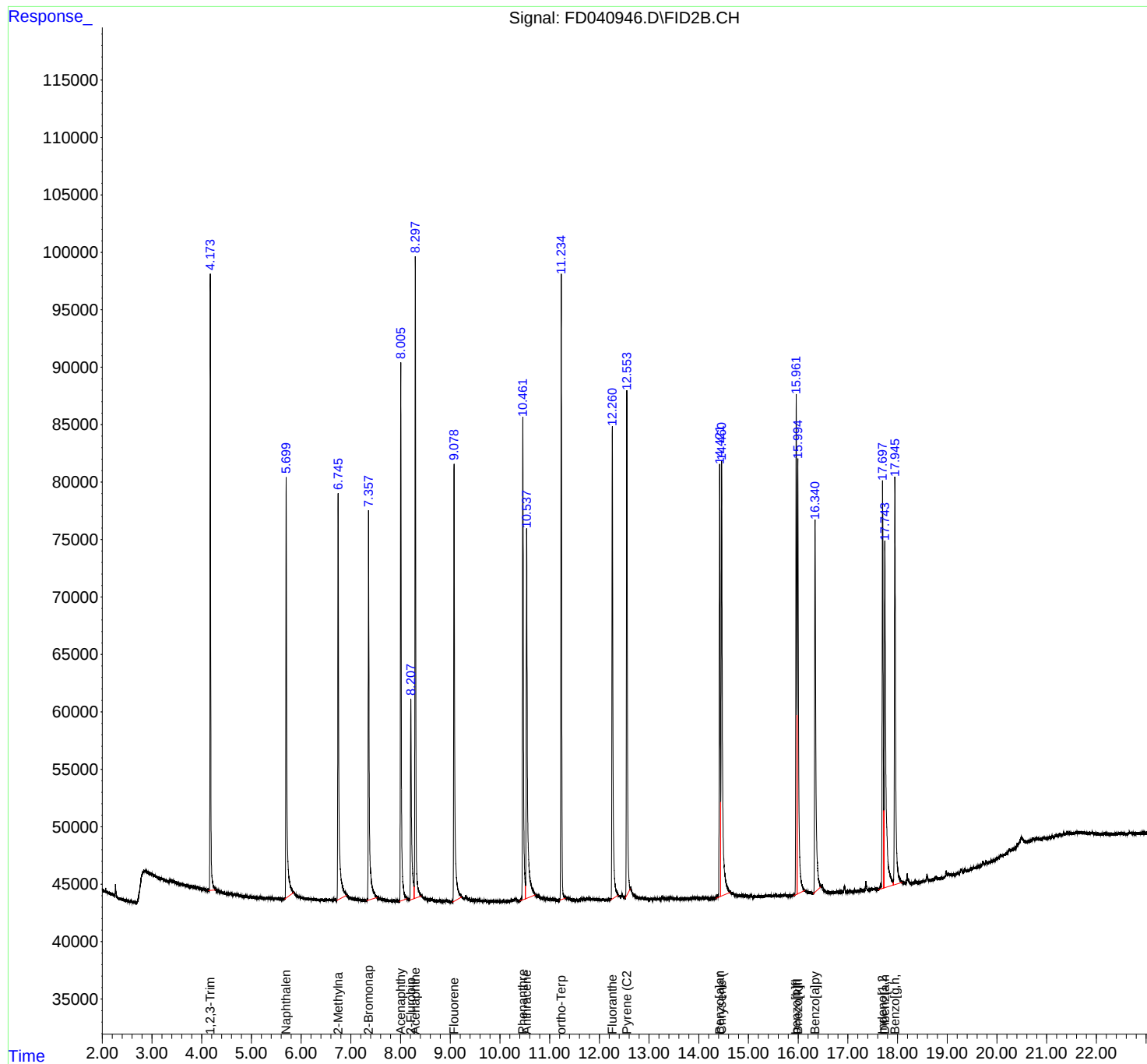
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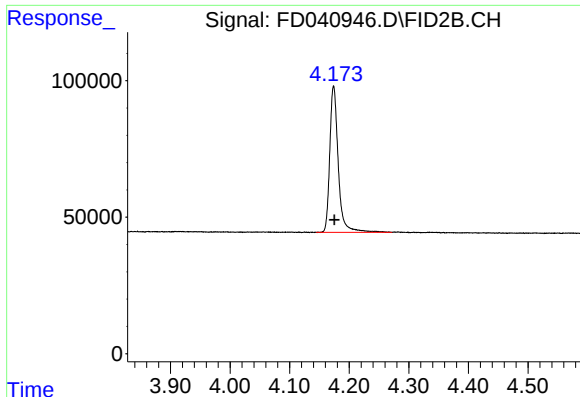
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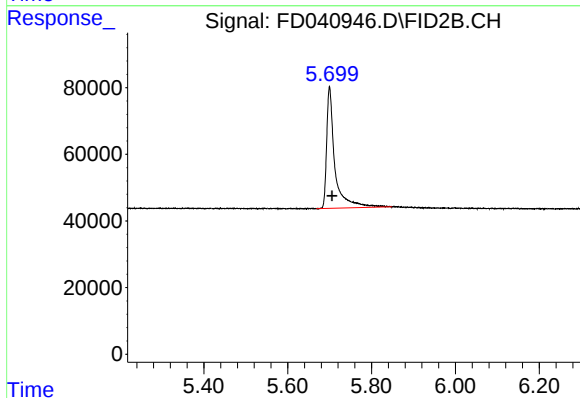




#1 1,2,3-Trimethylbenzene (C10.1)

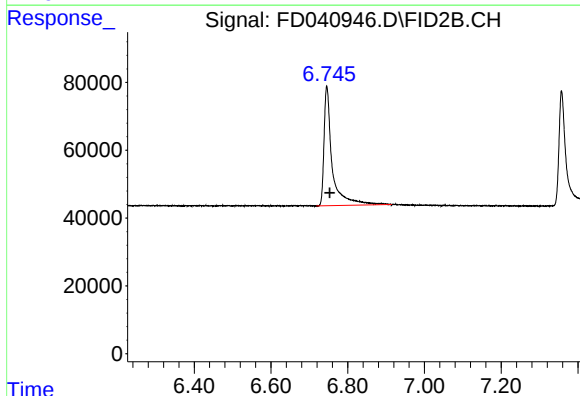
R.T.: 4.174 min
Delta R.T.: 0.000 min
Response: 531054
Conc: 20.93 ug/ml

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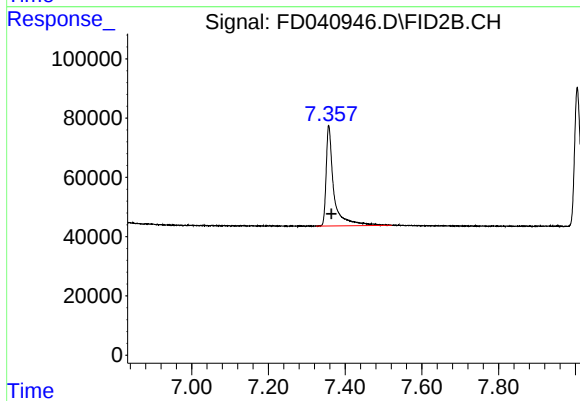
#2 Naphthalene (C11.7)

R.T.: 5.700 min
Delta R.T.: -0.006 min
Response: 495338
Conc: 21.33 ug/ml



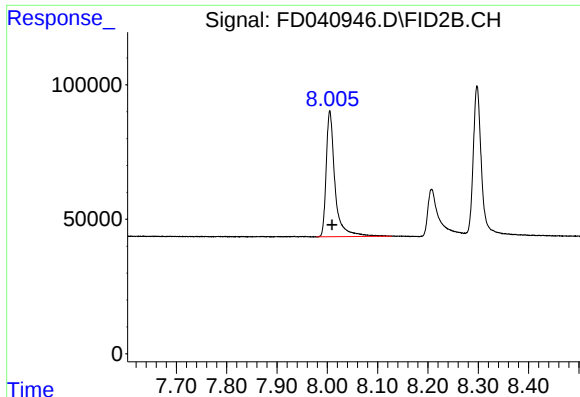
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.746 min
Delta R.T.: -0.007 min
Response: 522871
Conc: 22.11 ug/ml



#4 2-Bromonaphthalene (SURR)

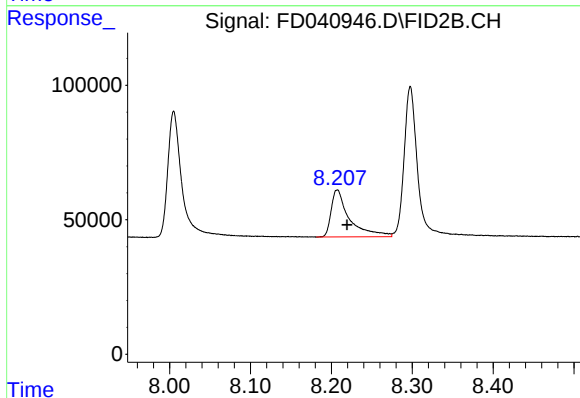
R.T.: 7.358 min
Delta R.T.: -0.006 min
Response: 472901
Conc: 22.37 ug/ml



#5 Acenaphthylene (C15.06)

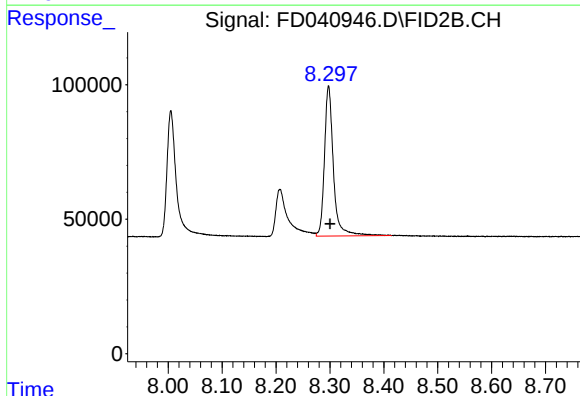
R.T.: 8.005 min
Delta R.T.: -0.004 min
Response: 568589
Conc: 21.19 ug/ml

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20 PPM AROMATIC HC STD



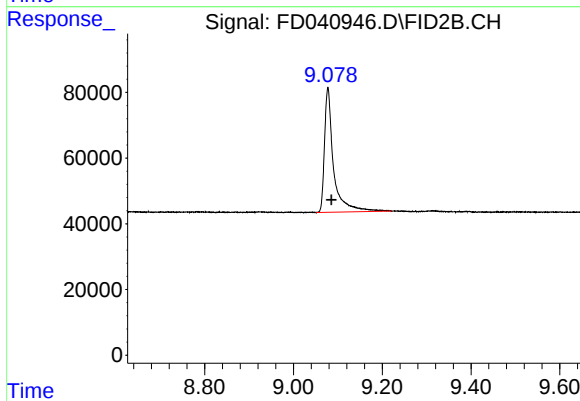
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.208 min
Delta R.T.: -0.012 min
Response: 274907
Conc: 21.46 ug/ml



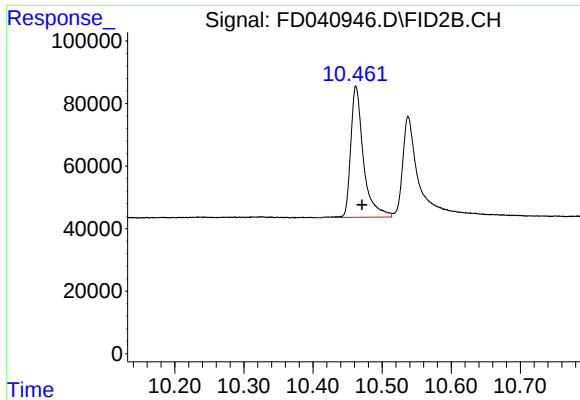
#7 Acenaphthene (C15.5)

R.T.: 8.298 min
Delta R.T.: -0.003 min
Response: 645865
Conc: 21.44 ug/ml



#8 Fluorene (C16.55)

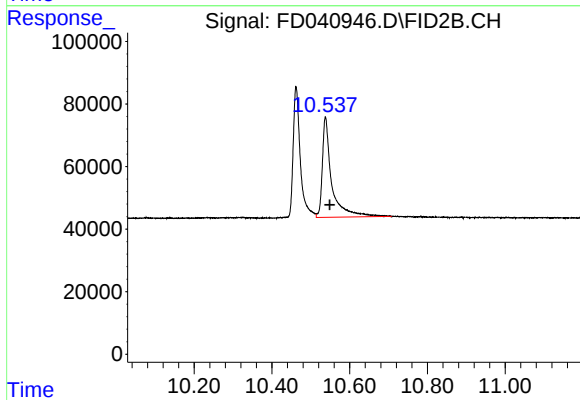
R.T.: 9.078 min
Delta R.T.: -0.007 min
Response: 537488
Conc: 21.60 ug/ml



#9 Phenanthrene (C19.36)

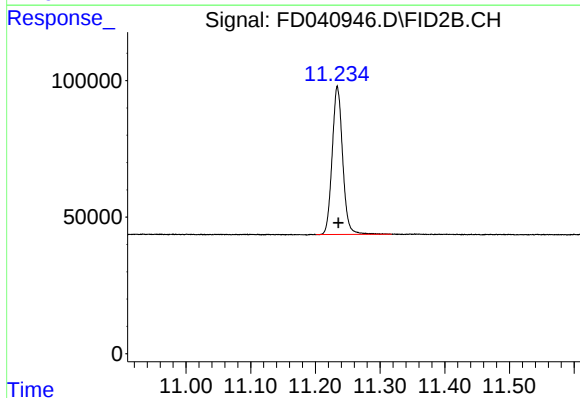
R.T.: 10.463 min
Delta R.T.: -0.008 min
Response: 534241
Conc: 21.68 ug/ml

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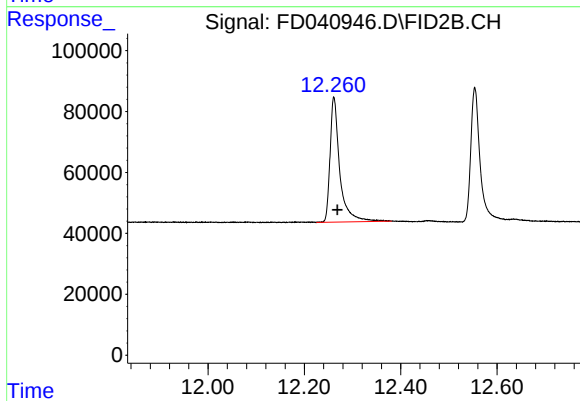
#10 Anthracene (C19.43)

R.T.: 10.538 min
Delta R.T.: -0.011 min
Response: 538895
Conc: 20.66 ug/ml



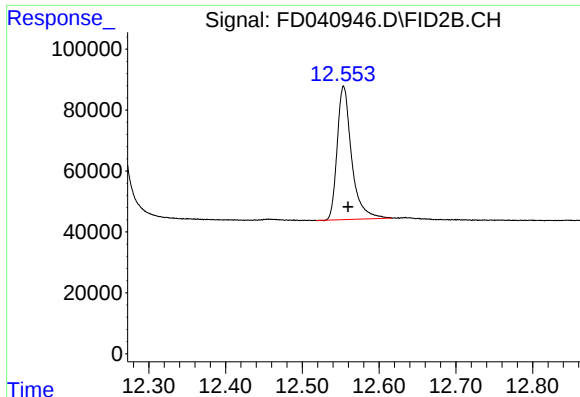
#11 ortho-Terphenyl (SURR)

R.T.: 11.234 min
Delta R.T.: -0.001 min
Response: 611149
Conc: 21.06 ug/ml



#12 Fluoranthene (C21.85)

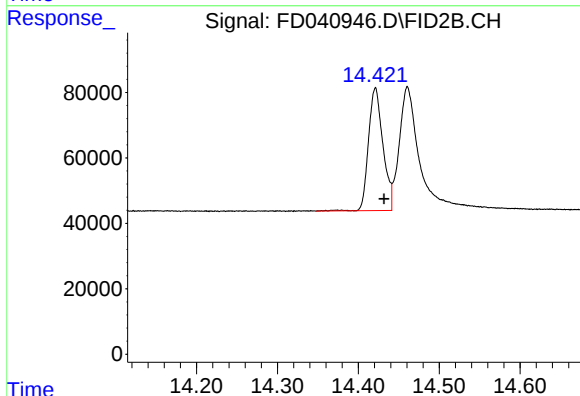
R.T.: 12.262 min
Delta R.T.: -0.007 min
Response: 571693
Conc: 21.46 ug/ml



#13 Pyrene (C20.8)

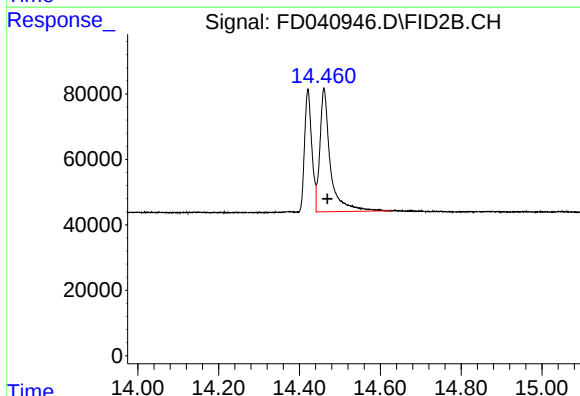
R.T.: 12.554 min
Delta R.T.: -0.006 min
Response: 574102
Conc: 21.22 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



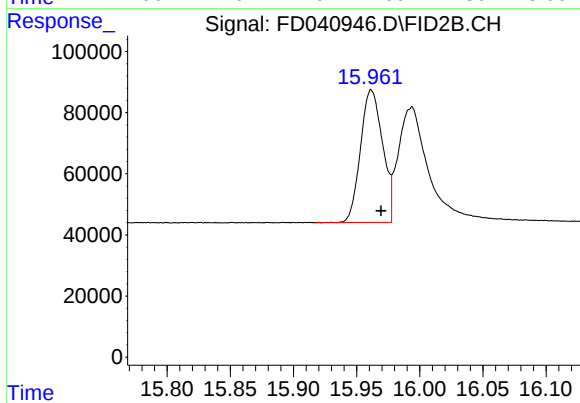
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.421 min
Delta R.T.: -0.011 min
Response: 463968
Conc: 20.83 ug/ml



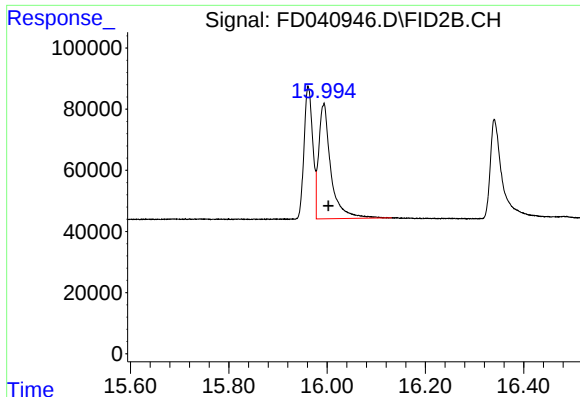
#15 Chrysene (C27.41)

R.T.: 14.461 min
Delta R.T.: -0.008 min
Response: 680936
Conc: 21.63 ug/ml



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

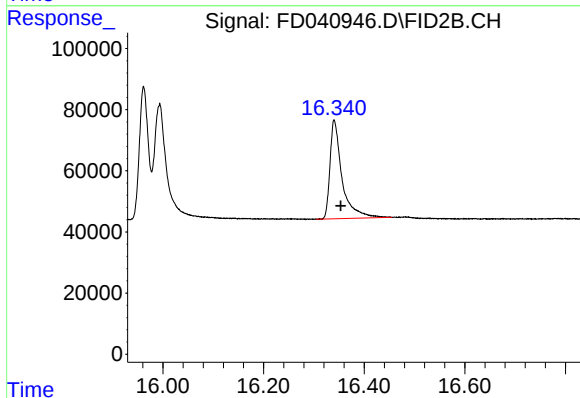
R.T.: 15.962 min
Delta R.T.: -0.008 min
Response: 527093
Conc: 21.19 ug/ml



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

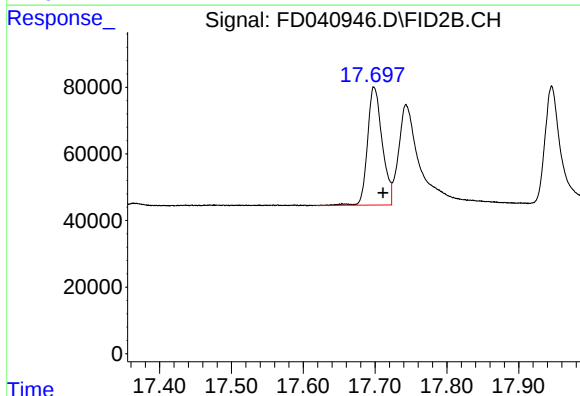
R.T.: 15.993 min
Delta R.T.: -0.009 min
Response: 648348
Conc: 21.24 ug/ml

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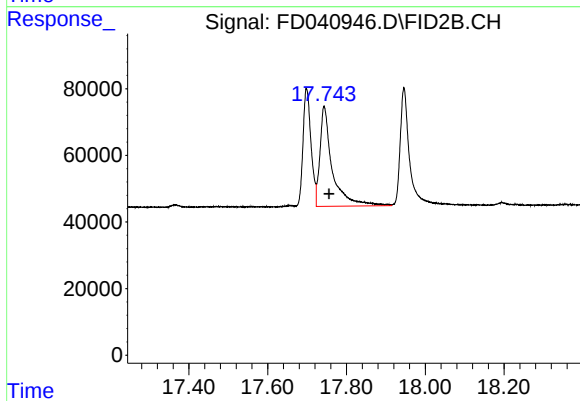
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.341 min
Delta R.T.: -0.012 min
Response: 537186
Conc: 21.07 ug/ml



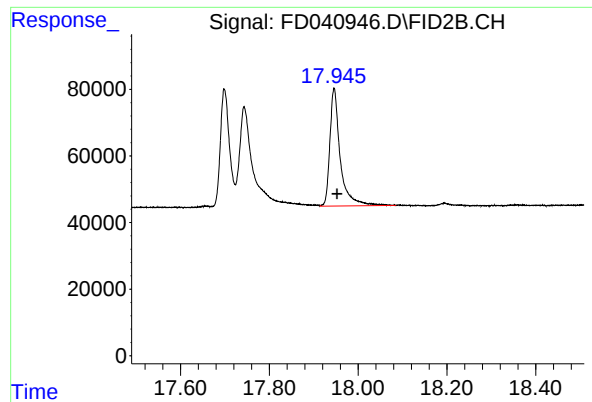
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.699 min
Delta R.T.: -0.012 min
Response: 503962
Conc: 21.35 ug/ml



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

R.T.: 17.744 min
Delta R.T.: -0.013 min
Response: 658375
Conc: 22.22 ug/ml



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

R.T.: 17.946 min
Delta R.T.: -0.006 min
Response: 573444
Conc: 21.59 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD