

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050721AR\
 Data File : FD037421.D
 Signal(s) : FID2B.CH
 Acq On : 07 May 2021 19:47
 Operator : DD\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: May 08 00:29:50 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042121.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 22 07:01:17 2021
 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...	7.565	2217025	18.751 ug/ml
Spiked Amount 50.000		Recovery =	37.50%
6) S 2-Fluorobiphenyl (SURR)	8.426	1404616	18.203 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	36.41%
11) S ortho-Terphenyl (SURR)	11.468	2251776	18.231 ug/ml
Spiked Amount 50.000		Recovery =	36.46%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.366	2564036	19.282 ug/ml
2) T Naphthalene (C11.7)	5.903	2588159	18.828 ug/ml
3) T 2-Methylnaphthalene (...)	6.954	2497293	18.622 ug/ml
5) T Acenaphthylene (C15.06)	8.229	2284696	18.266 ug/ml
7) T Acenaphthene (C15.5)	8.525	2355439	18.227 ug/ml
8) T Flouorene (C16.55)	9.305	2218457	18.111 ug/ml
9) T Phenanthrene (C19.36)	10.701	2110398	17.903 ug/ml
10) T Anthracene (C19.43)	10.774	1822026	15.818 ug/ml
12) T Fluoranthene (C21.85)	12.512	2118630	18.166 ug/ml
13) T Pyrene (C20.8)	12.809	2116768	18.387 ug/ml
14) T Benzo[a]anthracene (C...	14.680	2036907	18.507 ug/ml
15) T Chrysene (C27.41)	14.721	2174943	19.213 ug/ml
16) T benzo[b]fluoranthene ...	16.230	2162200	19.277 ug/ml
17) T Bnezo[k]fluoranthene ...	16.261	2097533	19.475 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.607	1971407	19.048 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.973	2043714	19.212 ug/ml
20) T Dibenz[a,h]anthracene...	18.010	2071863	19.829 ug/ml
21) T Benzo[g,h,i]perylene ...	18.227	2085290	19.523 ug/ml

(f)=RT Delta > 1/2 Window

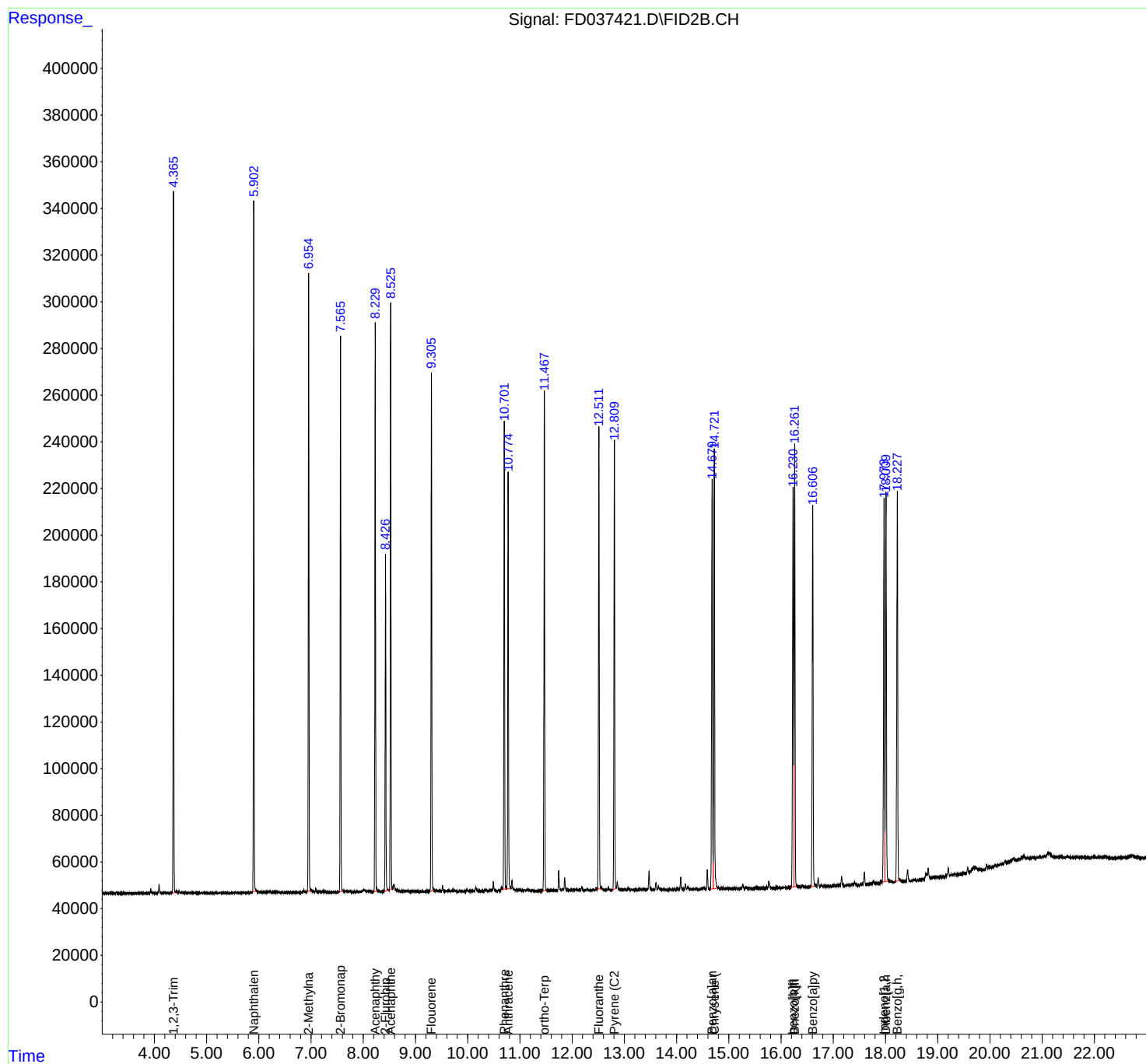
(m)=manual int.

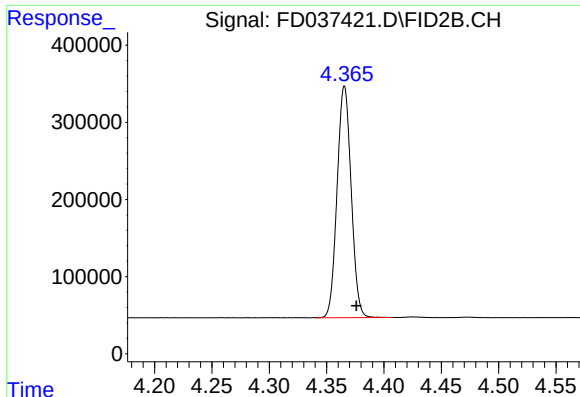
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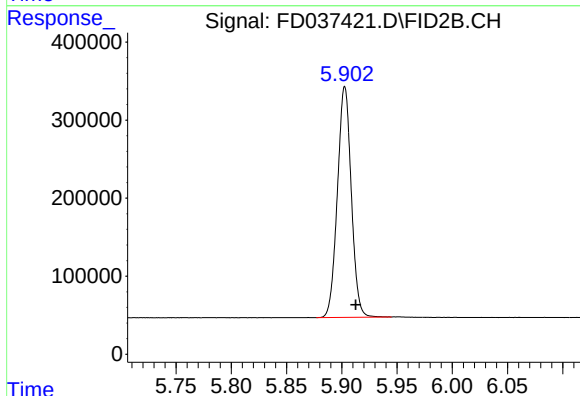




#1 1,2,3-Trimethylbenzene (C10.1)

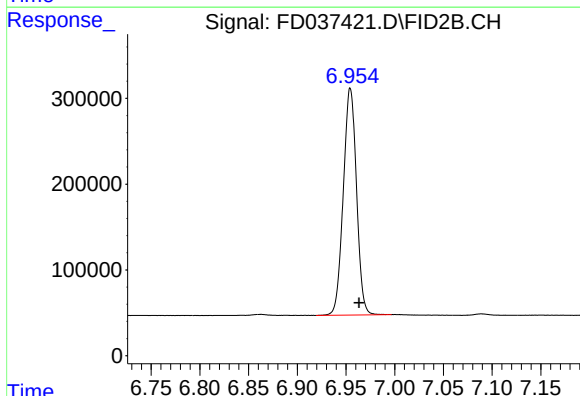
R.T.: 4.366 min
Delta R.T.: -0.010 min
Response: 2564036
Conc: 19.28 ug/ml

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20 PPM AROMATIC HC STD



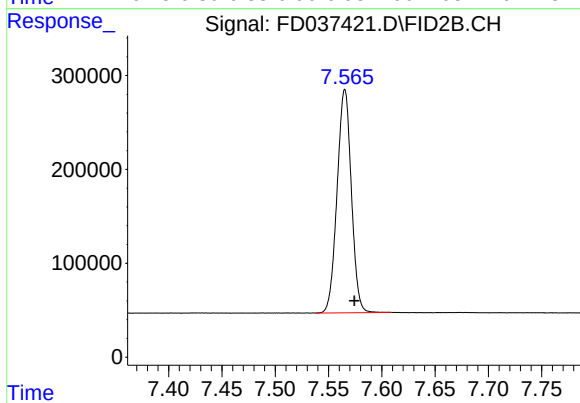
#2 Naphthalene (C11.7)

R.T.: 5.903 min
Delta R.T.: -0.010 min
Response: 2588159
Conc: 18.83 ug/ml



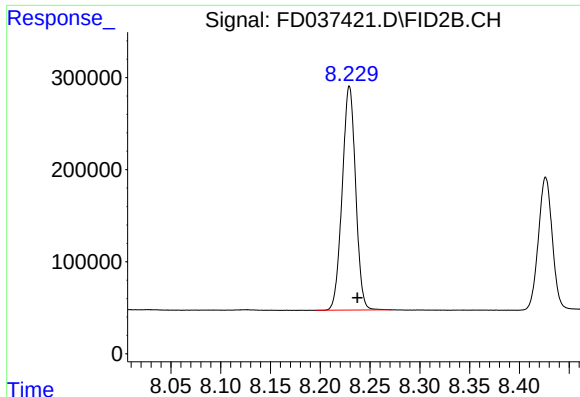
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.954 min
Delta R.T.: -0.009 min
Response: 2497293
Conc: 18.62 ug/ml



#4 2-Bromonaphthalene (SURR)

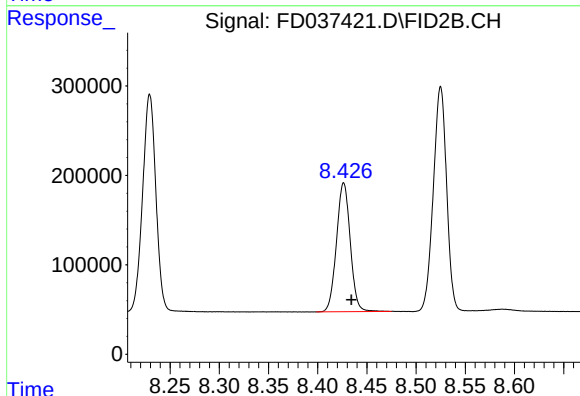
R.T.: 7.565 min
Delta R.T.: -0.009 min
Response: 2217025
Conc: 18.75 ug/ml



#5 Acenaphthylene (C15.06)

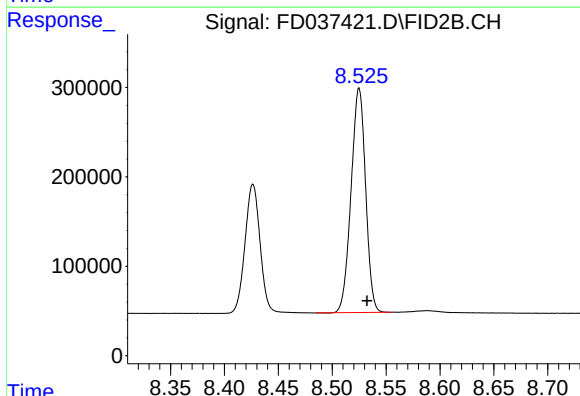
R.T.: 8.229 min
Delta R.T.: -0.008 min
Response: 2284696
Conc: 18.27 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



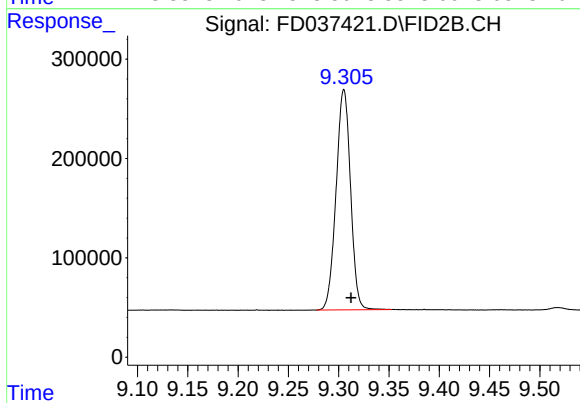
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.426 min
Delta R.T.: -0.008 min
Response: 1404616
Conc: 18.20 ug/ml



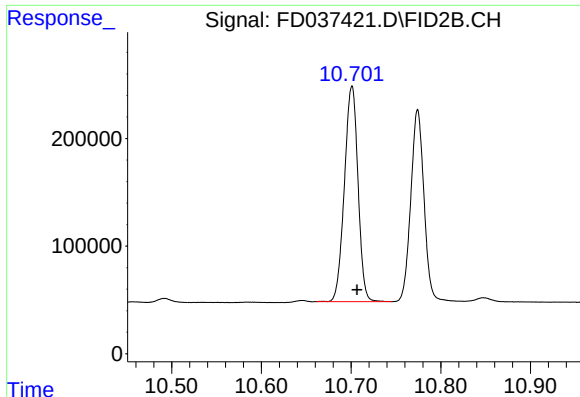
#7 Acenaphthene (C15.5)

R.T.: 8.525 min
Delta R.T.: -0.007 min
Response: 2355439
Conc: 18.23 ug/ml



#8 Flouorene (C16.55)

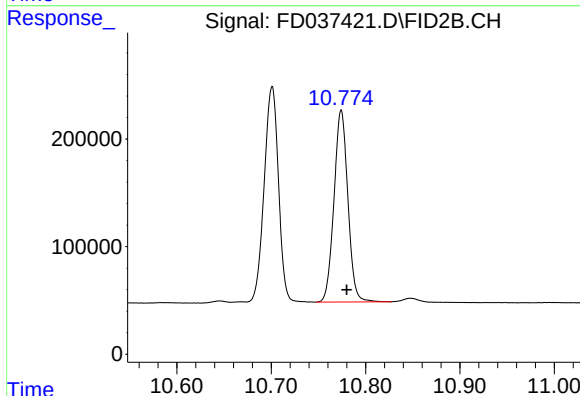
R.T.: 9.305 min
Delta R.T.: -0.007 min
Response: 2218457
Conc: 18.11 ug/ml



#9 Phenanthrene (C19.36)

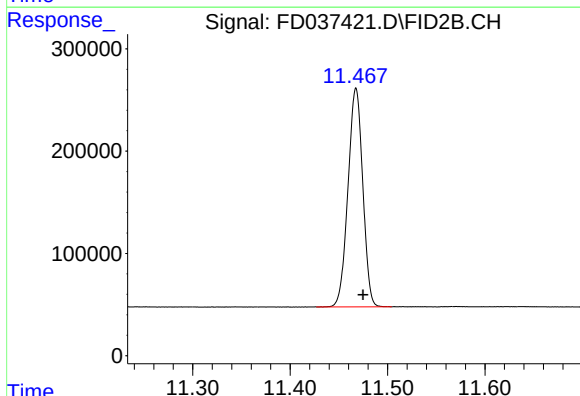
R.T.: 10.701 min
Delta R.T.: -0.005 min
Response: 2110398
Conc: 17.90 ug/ml

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20 PPM AROMATIC HC STD



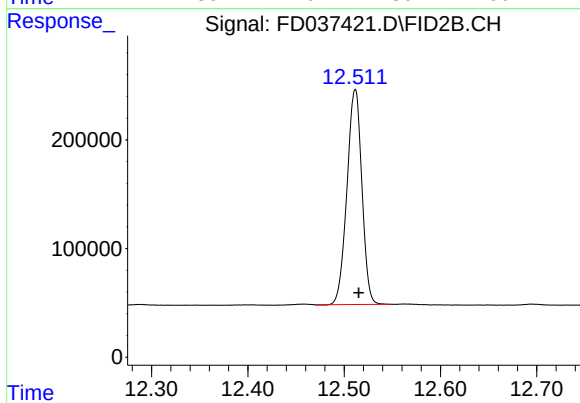
#10 Anthracene (C19.43)

R.T.: 10.774 min
Delta R.T.: -0.006 min
Response: 1822026
Conc: 15.82 ug/ml



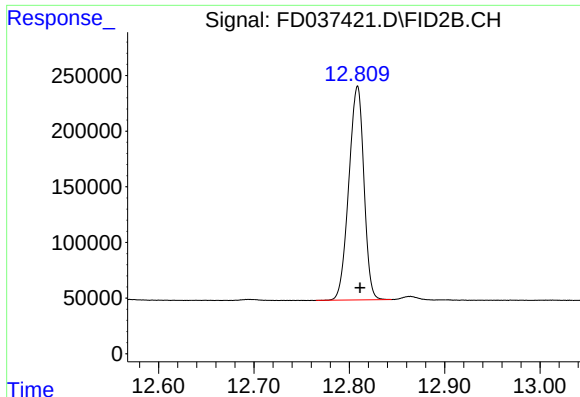
#11 ortho-Terphenyl (SURR)

R.T.: 11.468 min
Delta R.T.: -0.007 min
Response: 2251776
Conc: 18.23 ug/ml



#12 Fluoranthene (C21.85)

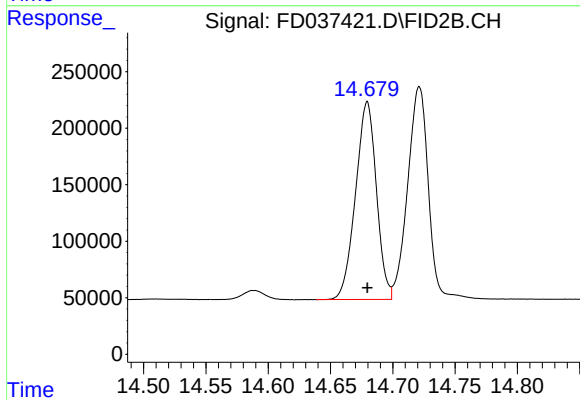
R.T.: 12.512 min
Delta R.T.: -0.004 min
Response: 2118630
Conc: 18.17 ug/ml



#13 Pyrene (C20.8)

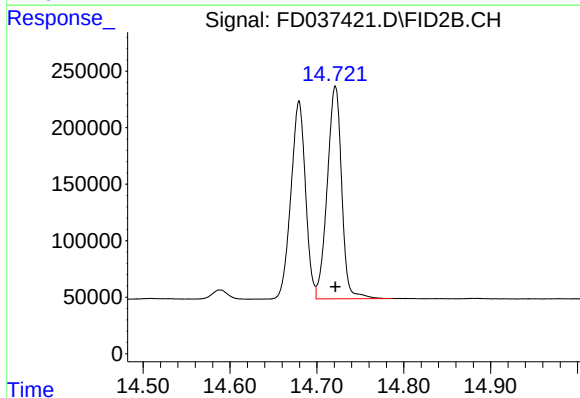
R.T.: 12.809 min
Delta R.T.: -0.002 min
Response: 2116768
Conc: 18.39 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



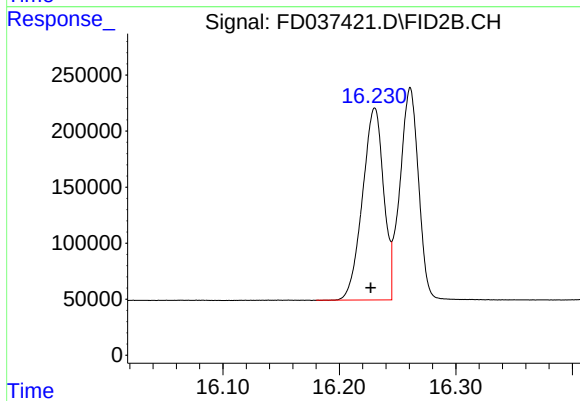
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.680 min
Delta R.T.: 0.000 min
Response: 2036907
Conc: 18.51 ug/ml



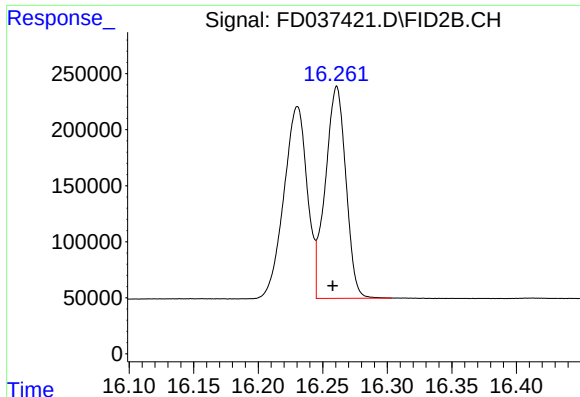
#15 Chrysene (C27.41)

R.T.: 14.721 min
Delta R.T.: 0.000 min
Response: 2174943
Conc: 19.21 ug/ml



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

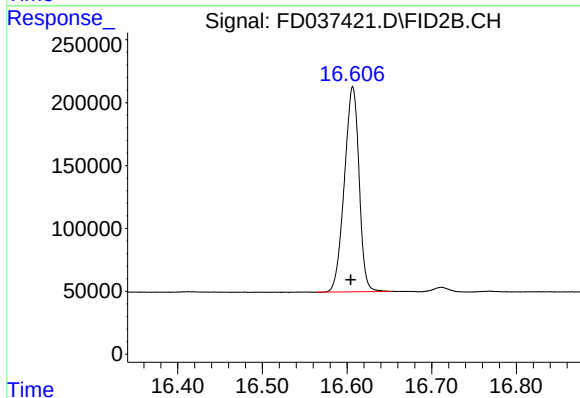
R.T.: 16.230 min
Delta R.T.: 0.004 min
Response: 2162200
Conc: 19.28 ug/ml



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

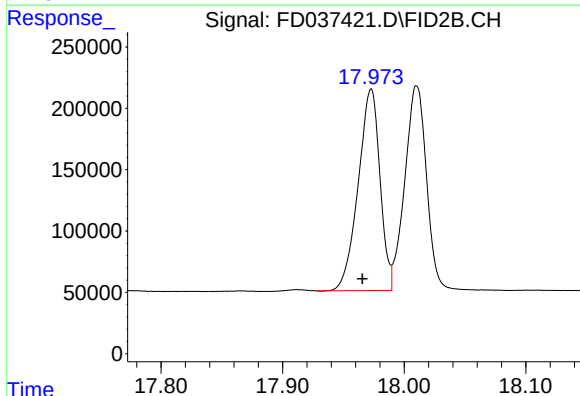
R.T.: 16.261 min
Delta R.T.: 0.003 min
Response: 2097533
Conc: 19.47 ug/ml

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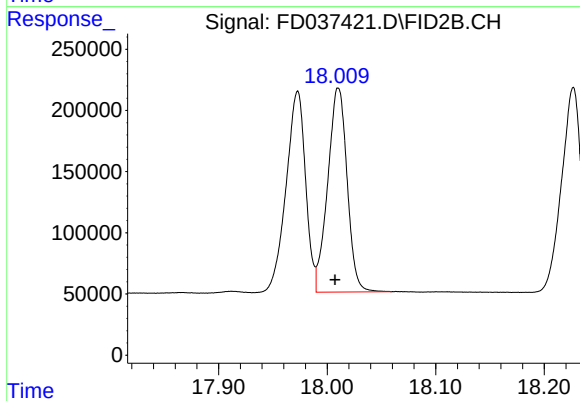
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.607 min
Delta R.T.: 0.002 min
Response: 1971407
Conc: 19.05 ug/ml



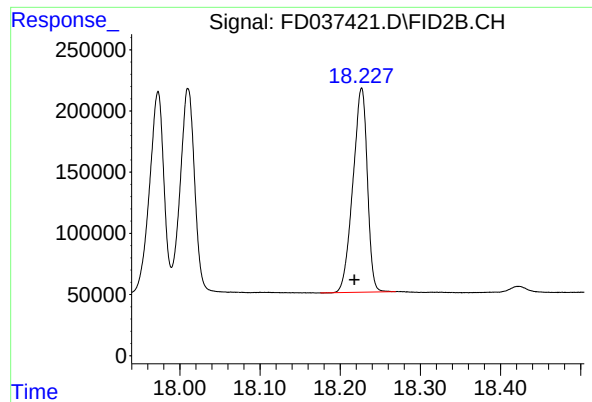
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.973 min
Delta R.T.: 0.007 min
Response: 2043714
Conc: 19.21 ug/ml



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

R.T.: 18.010 min
Delta R.T.: 0.003 min
Response: 2071863
Conc: 19.83 ug/ml



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

R.T.: 18.227 min
Delta R.T.: 0.009 min
Response: 2085290
Conc: 19.52 ug/ml

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