

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051021AR\
 Data File : FD037434.D
 Signal(s) : FID2B.CH
 Acq On : 10 May 2021 16:20
 Operator : DD\AJ
 Sample : M2262-07
 Misc : LOD-WATER- 4 PPM
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOD-MDL-WATER-SOIL-01-QT2-202

Integration File: autoint1.e
 Quant Time: May 11 04:04:15 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...	7.566	5071512	42.893 ug/ml
Spiked Amount 50.000		Recovery =	85.79%
6) S 2-Fluorobiphenyl (SURR)	8.426	3071621	39.807 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	79.61%
11) S ortho-Terphenyl (SURR)	11.467	5584355	45.212 ug/ml
Spiked Amount 50.000		Recovery =	90.42%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.364	350728	2.638 ug/ml
2) T Naphthalene (C11.7)	5.901	377406	2.745 ug/ml
3) T 2-Methylnaphthalene (...)	6.952	383773	2.862 ug/ml
5) T Acenaphthylene (C15.06)	8.226	353552	2.827 ug/ml
7) T Acenaphthene (C15.5)	8.521	364525	2.821 ug/ml
8) T Fluorene (C16.55)	9.301	362254	2.957 ug/ml
9) T Phenanthrene (C19.36)	10.696	385487	3.270 ug/ml
10) T Anthracene (C19.43)	10.770	366568	3.182 ug/ml
12) T Fluoranthene (C21.85)	12.505	444646	3.813 ug/ml
13) T Pyrene (C20.8)	12.800	453793	3.942 ug/ml
14) T Benzo[a]anthracene (C...	14.670	415735	3.777 ug/ml
15) T Chrysene (C27.41)	14.711	500040	4.417 ug/ml
16) T benzo[b]fluoranthene ...	16.218	465176	4.147 ug/ml
17) T Bnezo[k]fluoranthene ...	16.249	467564	4.341 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.597	437474	4.227 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.961	381536	3.587 ug/ml
20) T Dibenz[a,h]anthracene...	18.003	614767	5.884 ug/ml
21) T Benzo[g,h,i]perylene ...	18.212	424993	3.979 ug/ml

(f)=RT Delta > 1/2 Window

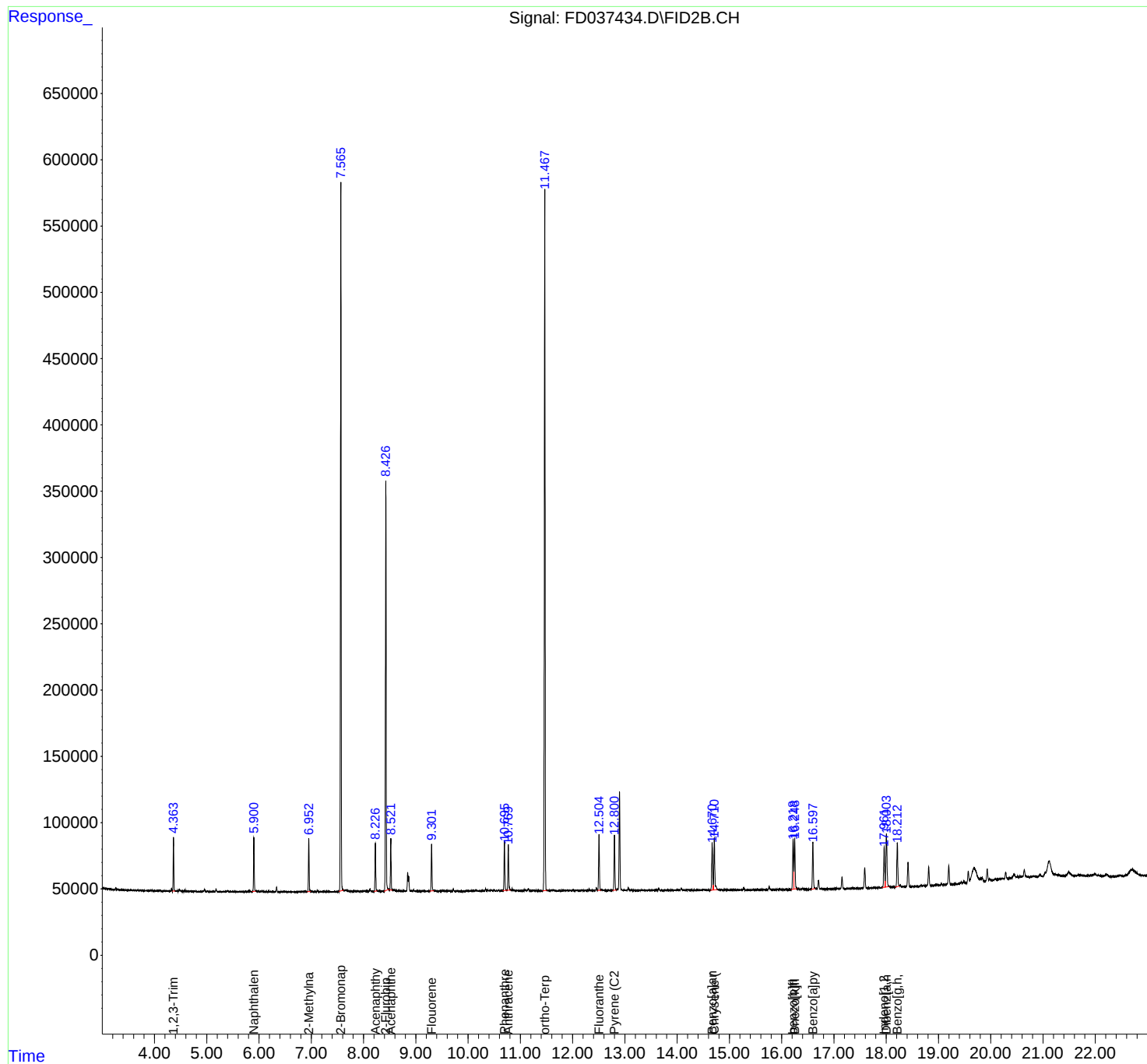
(m)=manual int.

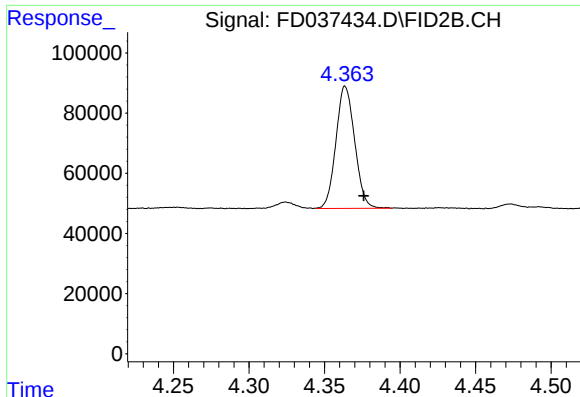
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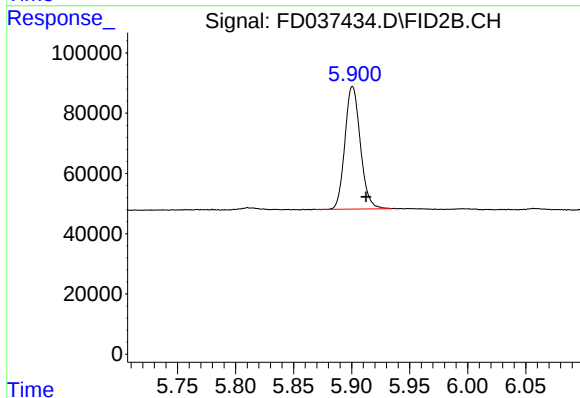




#1 1,2,3-Trimethylbenzene (C10.1)

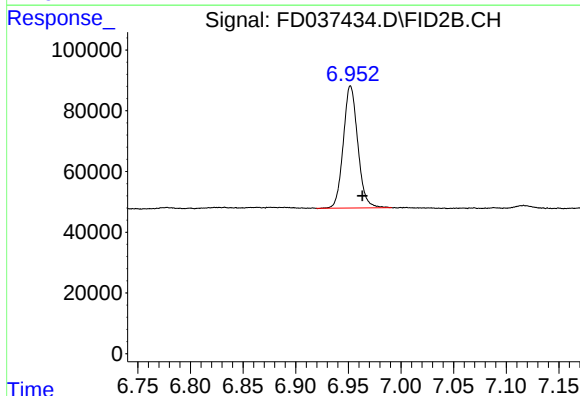
R.T.: 4.364 min
Delta R.T.: -0.012 min
Response: 350728
Conc: 2.64 ug/ml

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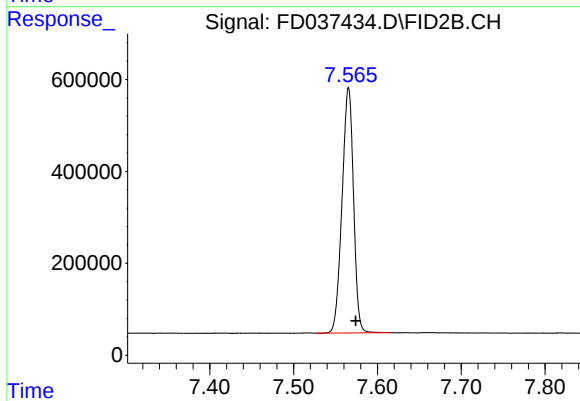
#2 Naphthalene (C11.7)

R.T.: 5.901 min
Delta R.T.: -0.012 min
Response: 377406
Conc: 2.75 ug/ml



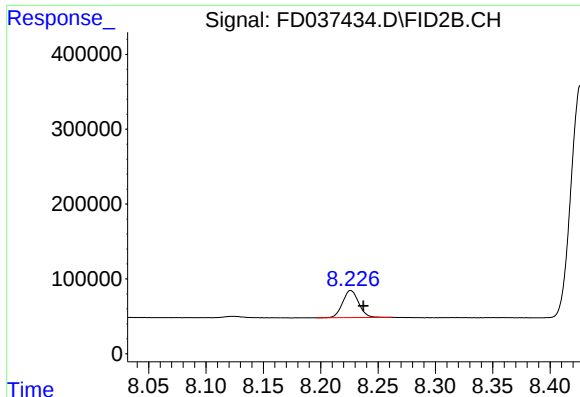
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.952 min
Delta R.T.: -0.011 min
Response: 383773
Conc: 2.86 ug/ml



#4 2-Bromonaphthalene (SURR)

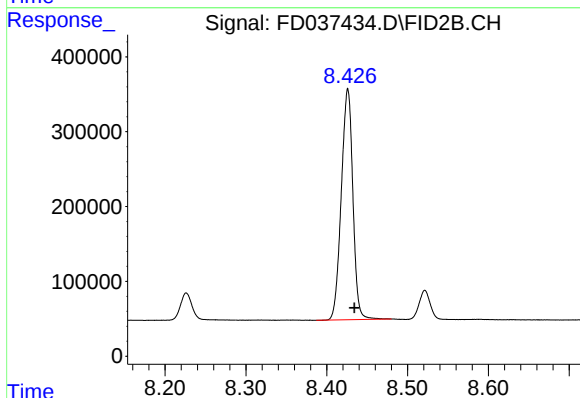
R.T.: 7.566 min
Delta R.T.: -0.009 min
Response: 5071512
Conc: 42.89 ug/ml



#5 Acenaphthylene (C15.06)

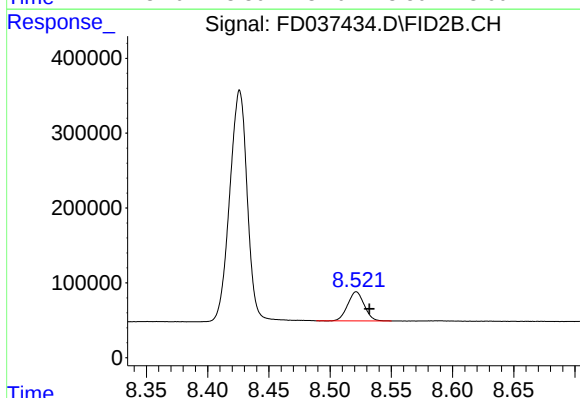
R.T.: 8.226 min
Delta R.T.: -0.011 min
Response: 353552
Conc: 2.83 ug/ml

Instrument :
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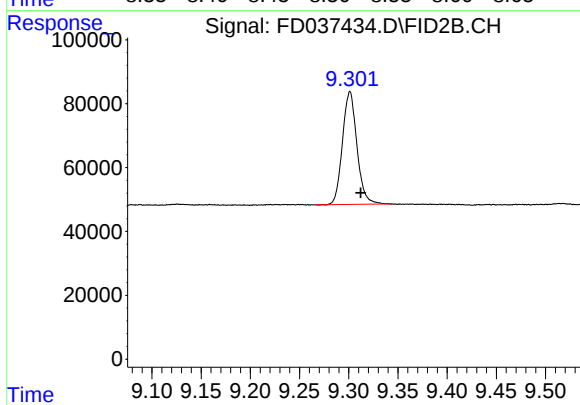
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.426 min
Delta R.T.: -0.008 min
Response: 3071621
Conc: 39.81 ug/ml



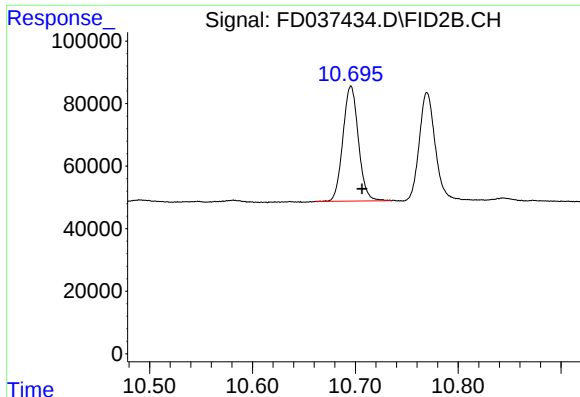
#7 Acenaphthene (C15.5)

R.T.: 8.521 min
Delta R.T.: -0.011 min
Response: 364525
Conc: 2.82 ug/ml



#8 Fluorene (C16.55)

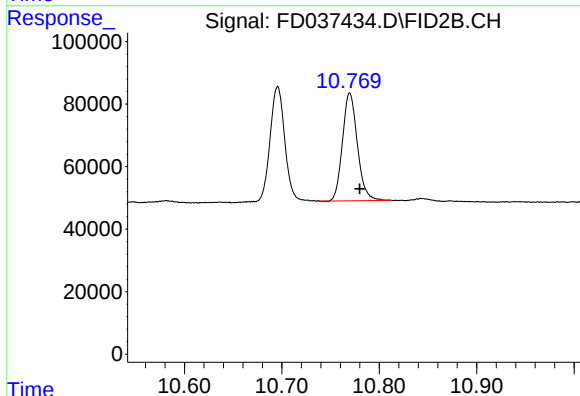
R.T.: 9.301 min
Delta R.T.: -0.011 min
Response: 362254
Conc: 2.96 ug/ml



#9 Phenanthrene (C19.36)

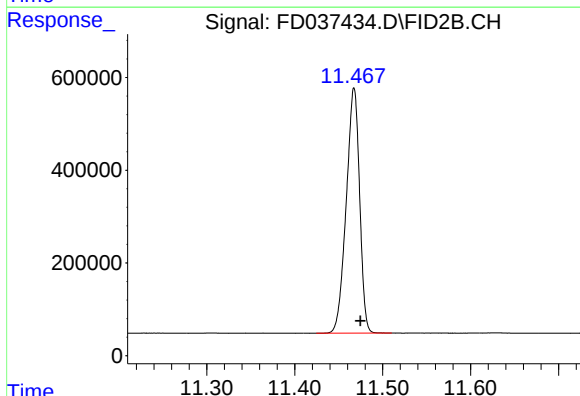
R.T.: 10.696 min
Delta R.T.: -0.011 min
Response: 385487
Conc: 3.27 ug/ml

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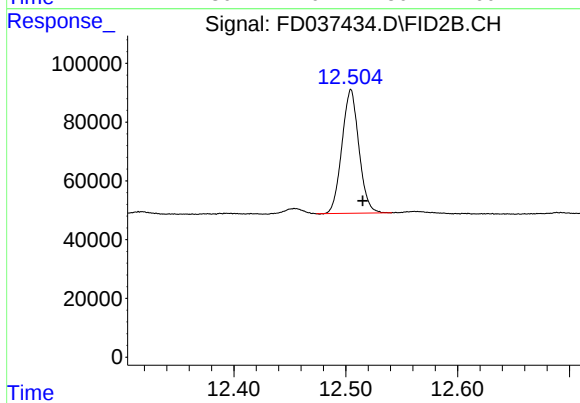
#10 Anthracene (C19.43)

R.T.: 10.770 min
Delta R.T.: -0.010 min
Response: 366568
Conc: 3.18 ug/ml



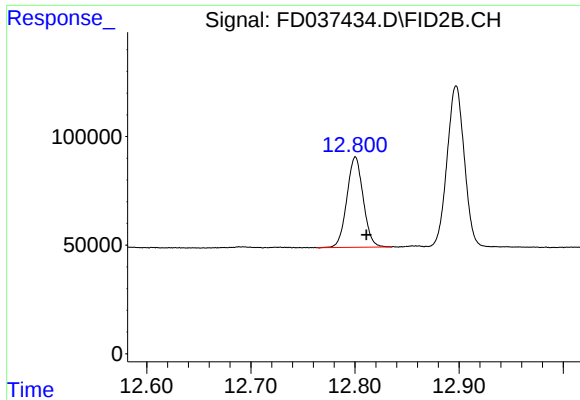
#11 ortho-Terphenyl (SURR)

R.T.: 11.467 min
Delta R.T.: -0.007 min
Response: 5584355
Conc: 45.21 ug/ml



#12 Fluoranthene (C21.85)

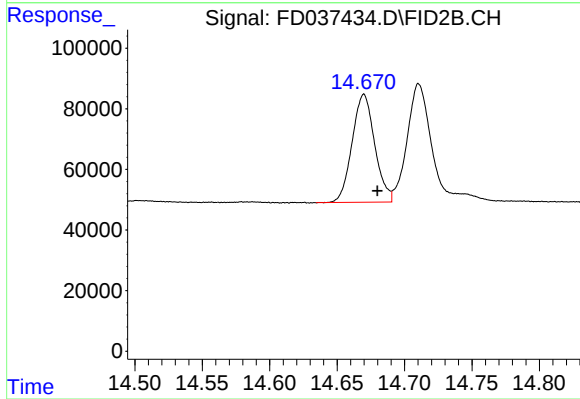
R.T.: 12.505 min
Delta R.T.: -0.011 min
Response: 444646
Conc: 3.81 ug/ml



#13 Pyrene (C20.8)

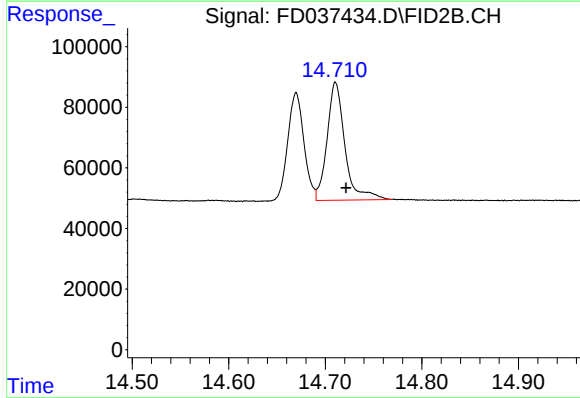
R.T.: 12.800 min
Delta R.T.: -0.011 min
Response: 453793
Conc: 3.94 ug/ml

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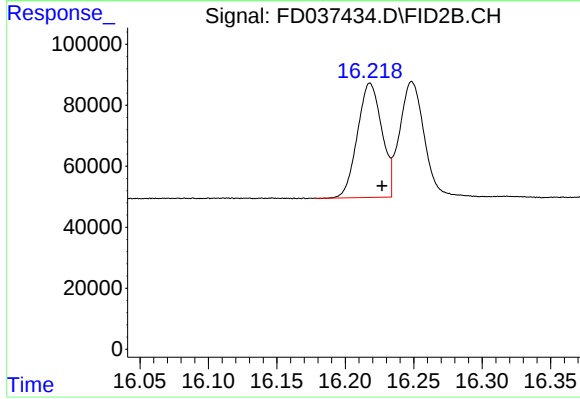
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.670 min
Delta R.T.: -0.010 min
Response: 415735
Conc: 3.78 ug/ml



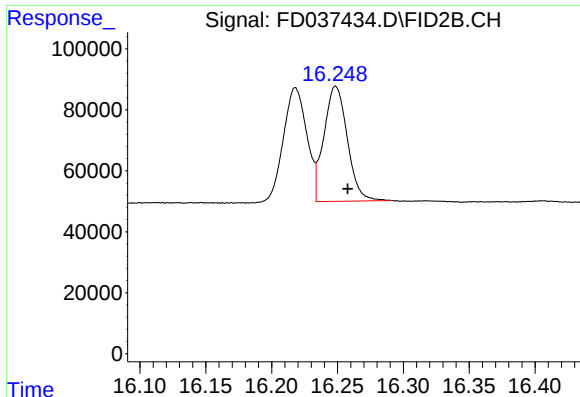
#15 Chrysene (C27.41)

R.T.: 14.711 min
Delta R.T.: -0.011 min
Response: 500040
Conc: 4.42 ug/ml



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

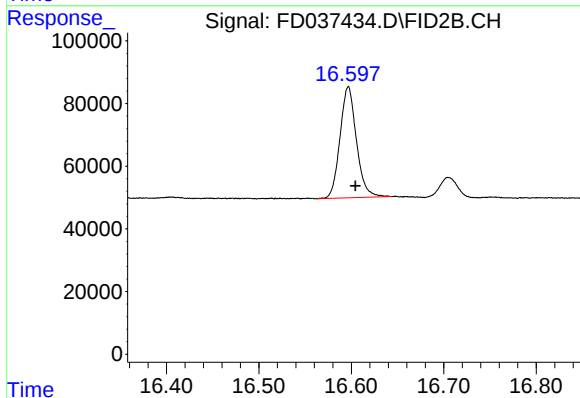
R.T.: 16.218 min
Delta R.T.: -0.009 min
Response: 465176
Conc: 4.15 ug/ml



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

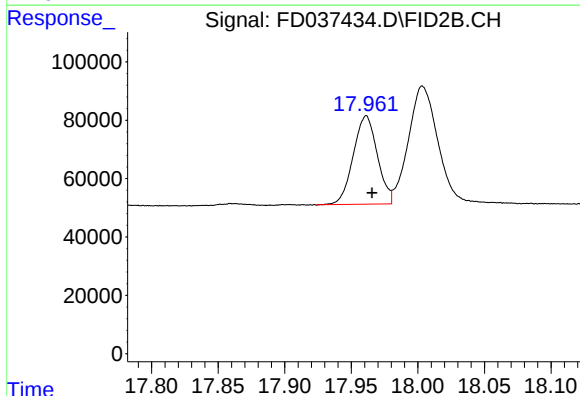
R.T.: 16.249 min
Delta R.T.: -0.009 min
Response: 467564
Conc: 4.34 ug/ml

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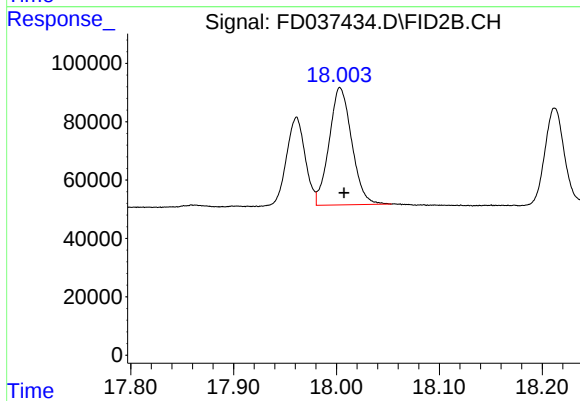
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.597 min
Delta R.T.: -0.008 min
Response: 437474
Conc: 4.23 ug/ml



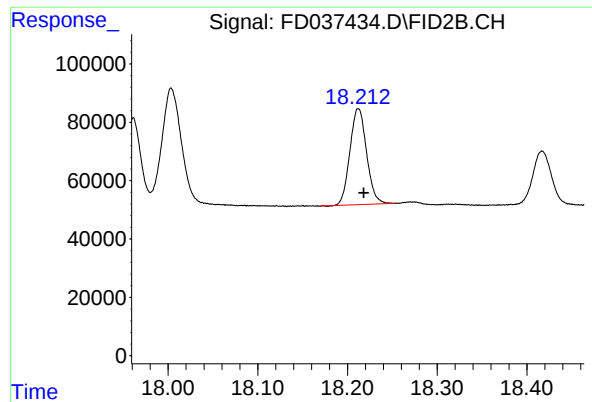
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.961 min
Delta R.T.: -0.004 min
Response: 381536
Conc: 3.59 ug/ml



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

R.T.: 18.003 min
Delta R.T.: -0.004 min
Response: 614767
Conc: 5.88 ug/ml



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

R.T.: 18.212 min
Delta R.T.: -0.006 min
Response: 424993
Conc: 3.98 ug/ml

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