

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051021AR\
 Data File : FD037433.D
 Signal(s) : FID2B.CH
 Acq On : 10 May 2021 15:40
 Operator : DD\AJ
 Sample : M2262-07
 Misc : LOD-WATER-2.5 PPM
 ALS Vial : 61 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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 5/11/2021 1:47:45 PM

Integration File: autoint1.e
 Quant Time: May 11 04:04:00 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...	7.567	6284820	53.154 ug/ml
Spiked Amount 50.000		Recovery =	106.31%
6) S 2-Fluorobiphenyl (SURR)	8.428	3893148	50.454 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	100.91%
11) S ortho-Terphenyl (SURR)	11.471	7246116	58.665 ug/ml
Spiked Amount 50.000		Recovery =	117.33%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.364	295796	2.224 ug/ml
2) T Naphthalene (C11.7)	5.902	319590	2.325 ug/ml
3) T 2-Methylnaphthalene (...)	6.953	324332	2.419 ug/ml
5) T Acenaphthylene (C15.06)	8.227	291166	2.328 ug/ml
7) T Acenaphthene (C15.5)	8.521	301217	2.331 ug/ml
8) T Fluorene (C16.55)	9.302	296567	2.421 ug/ml
9) T Phenanthrene (C19.36)	10.696	313607	2.660 ug/ml
10) T Anthracene (C19.43)	10.771	301350	2.616 ug/ml
12) T Fluoranthene (C21.85)	12.507	369362	3.167 ug/ml
13) T Pyrene (C20.8)	12.802	371650	3.228 ug/ml
14) T Benzo[a]anthracene (C...	14.672	313984	2.853 ug/ml
15) T Chrysene (C27.41)	14.713	319409	2.822 ug/ml
16) T benzo[b]fluoranthene ...	16.219	384015	3.424 ug/ml
17) T Bnezo[k]fluoranthene ...	16.250	379456	3.523 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.597	362855	3.506 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.960	307261	2.888 ug/ml
20) T Dibenz[a,h]anthracene...	18.004	431406	4.129 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.212	354154	3.316 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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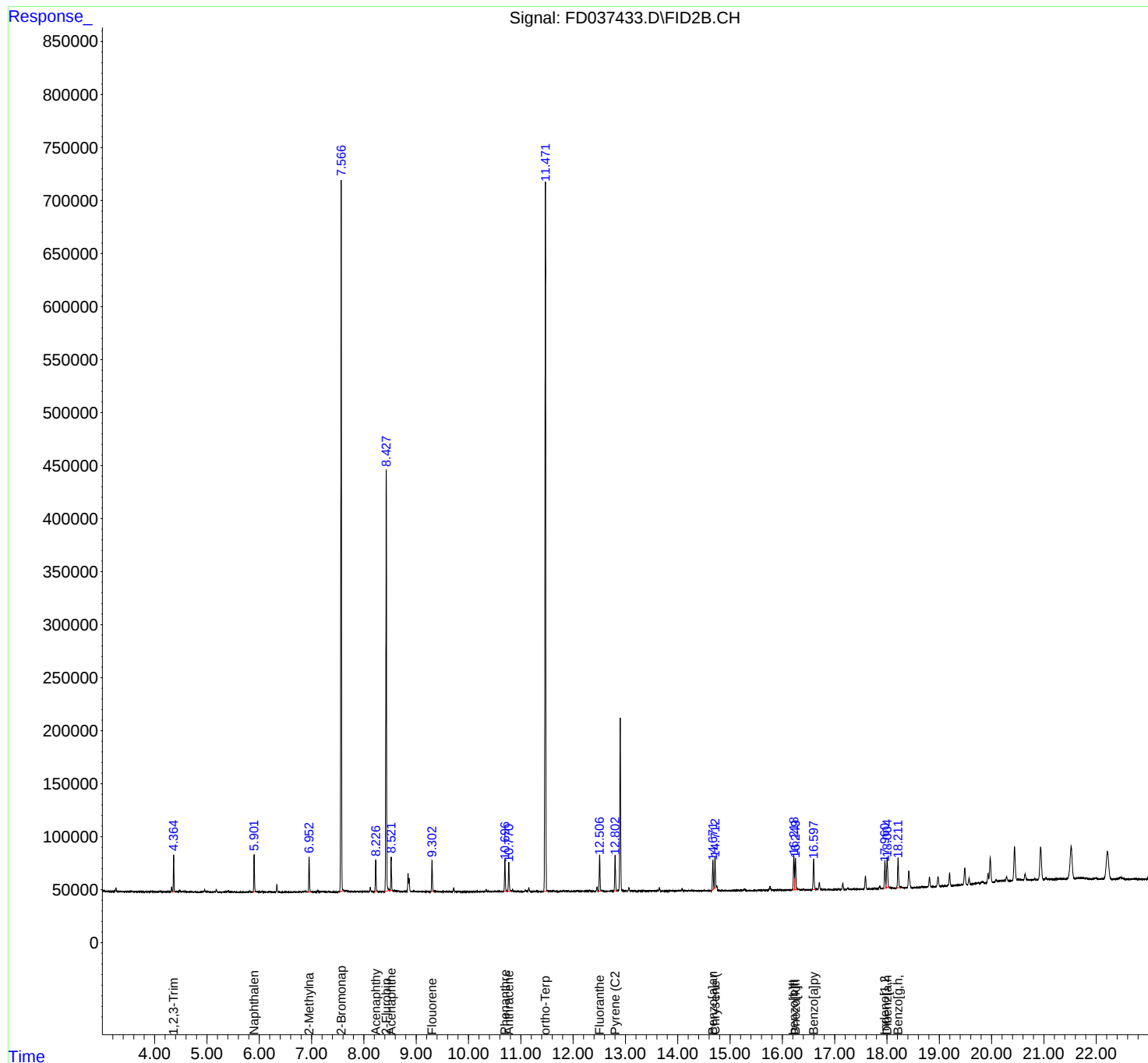
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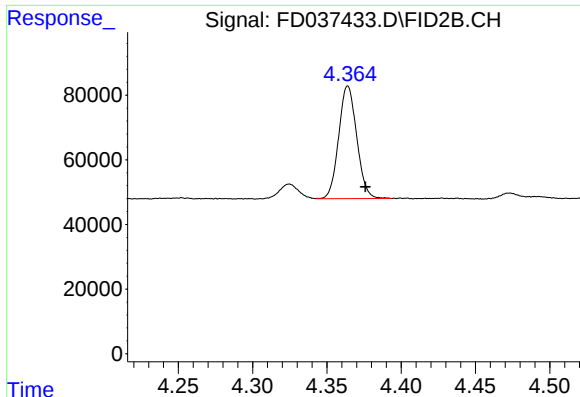
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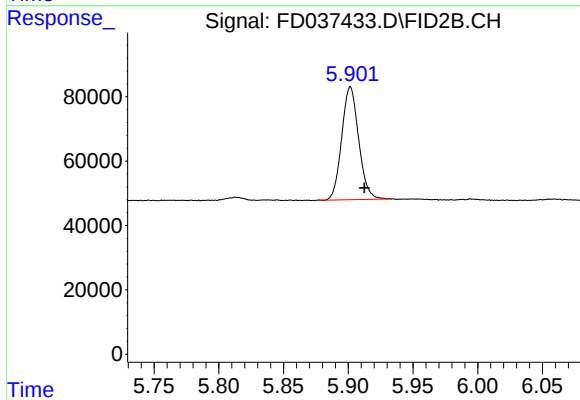
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.364 min
Delta R.T.: -0.012 min
Response: 295796
Conc: 2.22 ug/ml

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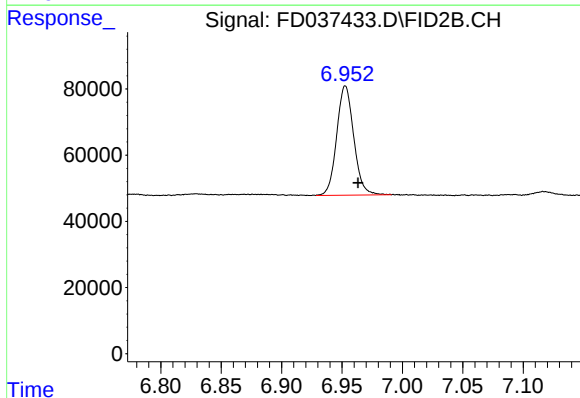
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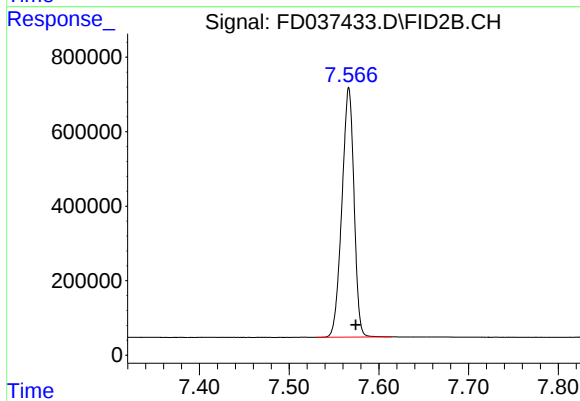
#2 Naphthalene (C11.7)

R.T.: 5.902 min
Delta R.T.: -0.011 min
Response: 319590
Conc: 2.32 ug/ml



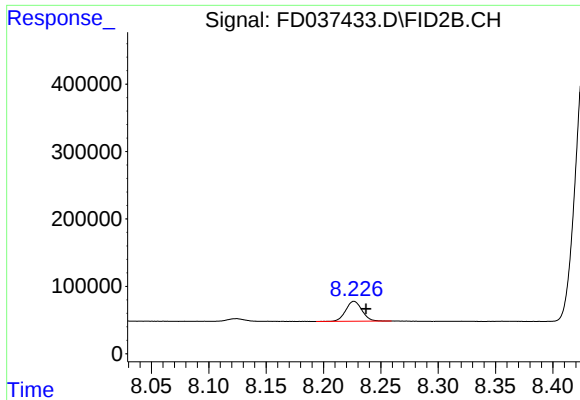
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.953 min
Delta R.T.: -0.011 min
Response: 324332
Conc: 2.42 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.567 min
Delta R.T.: -0.008 min
Response: 6284820
Conc: 53.15 ug/ml



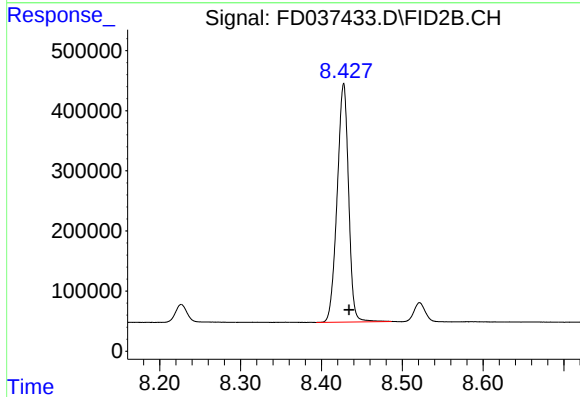
#5 Acenaphthylene (C15.06)

R.T.: 8.227 min
Delta R.T.: -0.011 min
Response: 291166
Conc: 2.33 ug/ml

Instrument :
FID_D
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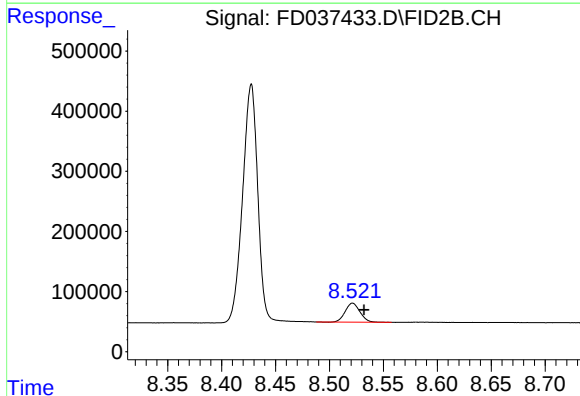
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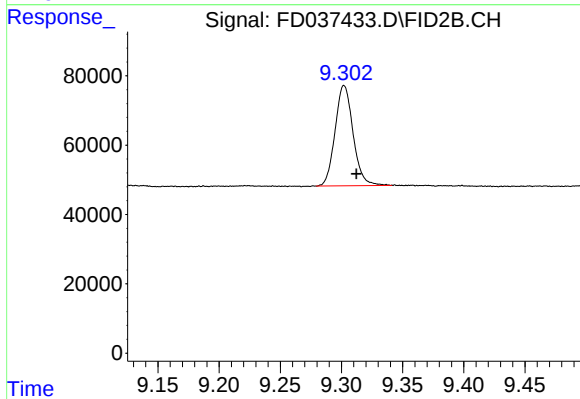
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.428 min
Delta R.T.: -0.007 min
Response: 3893148
Conc: 50.45 ug/ml



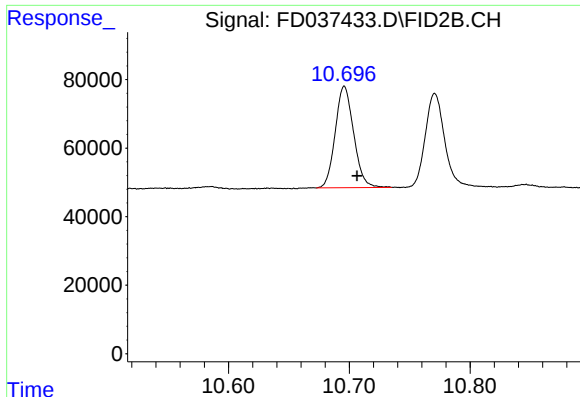
#7 Acenaphthene (C15.5)

R.T.: 8.521 min
Delta R.T.: -0.011 min
Response: 301217
Conc: 2.33 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.302 min
Delta R.T.: -0.010 min
Response: 296567
Conc: 2.42 ug/ml



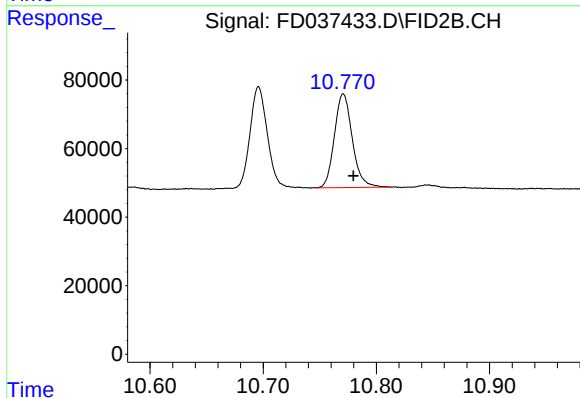
#9 Phenanthrene (C19.36)

R.T.: 10.696 min
Delta R.T.: -0.011 min
Response: 313607
Conc: 2.66 ug/ml

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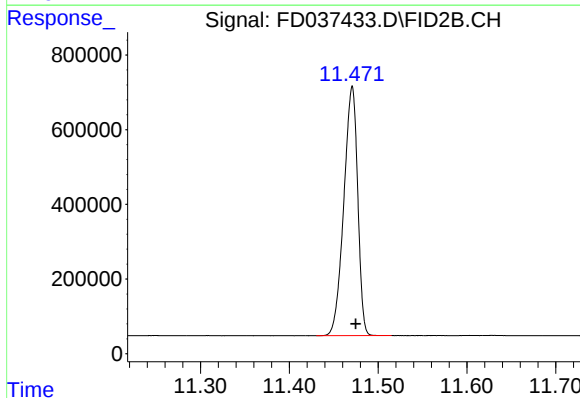
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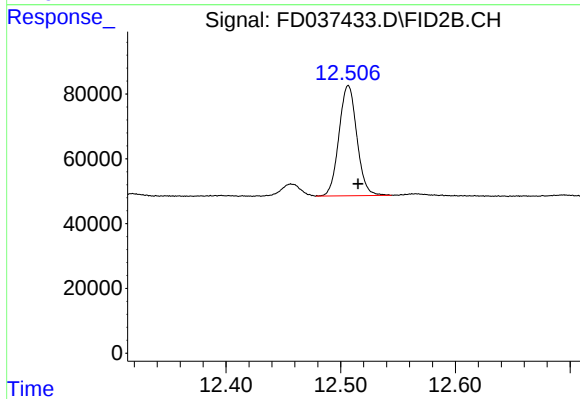
#10 Anthracene (C19.43)

R.T.: 10.771 min
Delta R.T.: -0.009 min
Response: 301350
Conc: 2.62 ug/ml



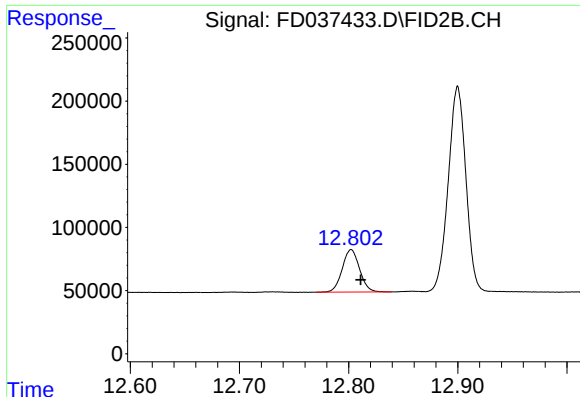
#11 ortho-Terphenyl (SURR)

R.T.: 11.471 min
Delta R.T.: -0.004 min
Response: 7246116
Conc: 58.67 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.507 min
Delta R.T.: -0.009 min
Response: 369362
Conc: 3.17 ug/ml



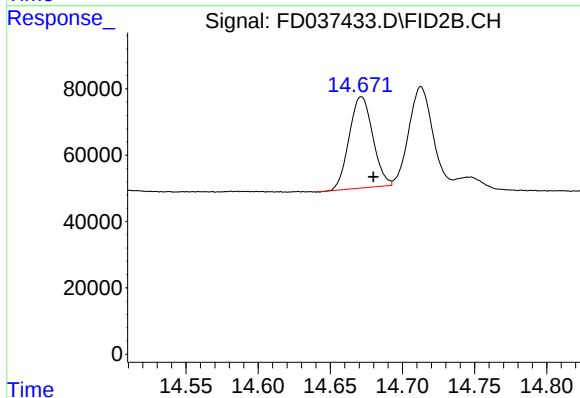
#13 Pyrene (C20.8)

R.T.: 12.802 min
Delta R.T.: -0.009 min
Response: 371650
Conc: 3.23 ug/ml

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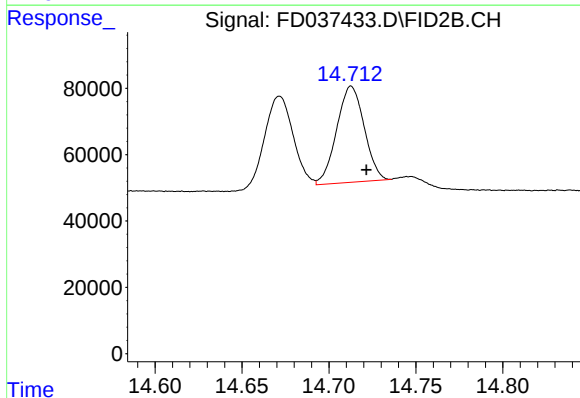
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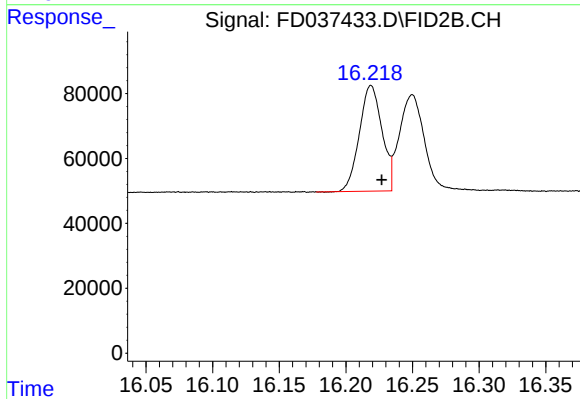
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.672 min
Delta R.T.: -0.008 min
Response: 313984
Conc: 2.85 ug/ml



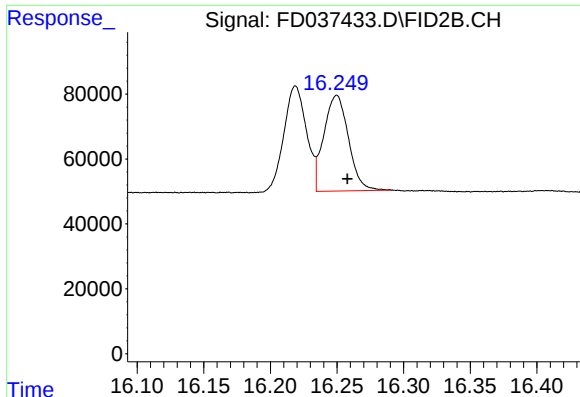
#15 Chrysene (C27.41)

R.T.: 14.713 min
Delta R.T.: -0.009 min
Response: 319409
Conc: 2.82 ug/ml



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

R.T.: 16.219 min
Delta R.T.: -0.008 min
Response: 384015
Conc: 3.42 ug/ml



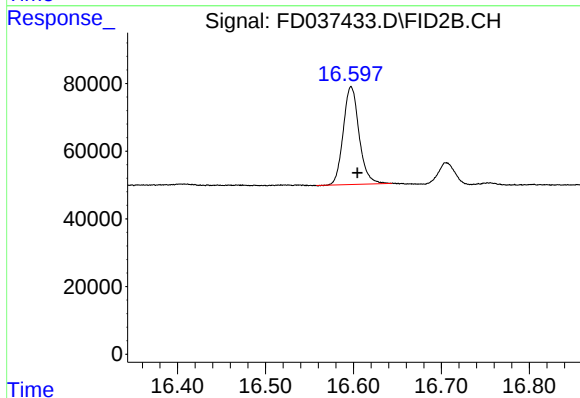
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.250 min
Delta R.T.: -0.008 min
Response: 379456
Conc: 3.52 ug/ml

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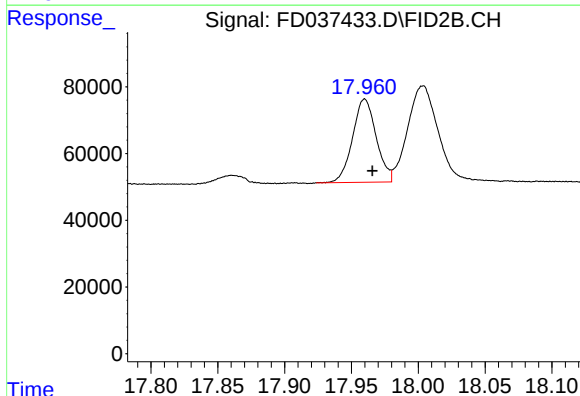
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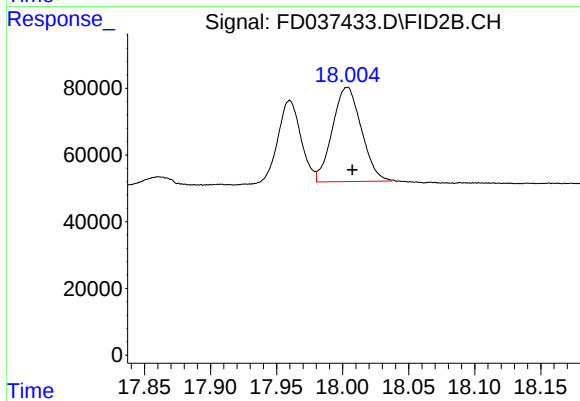
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.597 min
Delta R.T.: -0.007 min
Response: 362855
Conc: 3.51 ug/ml



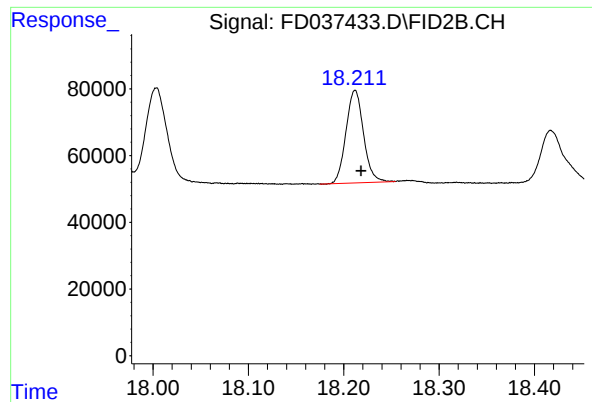
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.960 min
Delta R.T.: -0.006 min
Response: 307261
Conc: 2.89 ug/ml



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

R.T.: 18.004 min
Delta R.T.: -0.003 min
Response: 431406
Conc: 4.13 ug/ml m



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

R.T.: 18.212 min
Delta R.T.: -0.006 min
Response: 354154
Conc: 3.32 ug/ml

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