

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051021AR\
 Data File : FD037430.D
 Signal(s) : FID2B.CH
 Acq On : 10 May 2021 13:44
 Operator : DD\AJ
 Sample : M2262-01
 Misc : LOD-SOIL- 4 PPM
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021

Manual Integrations
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 5/11/2021 1:47:43 PM

Integration File: autoint1.e
 Quant Time: May 11 04:16:19 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	4397499	37.192 ug/ml
Spiked Amount 50.000		Recovery =	74.38%
6) S 2-Fluorobiphenyl (SURR)	8.426	2715435	35.191 ug/ml
Spiked Amount 50.000 Range 0 - 130		Recovery =	70.38%
11) S ortho-Terphenyl (SURR)	11.468	4704520	38.088 ug/ml
Spiked Amount 50.000		Recovery =	76.18%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.364	307303	2.311 ug/ml
2) T Naphthalene (C11.7)	5.902	332333	2.418 ug/ml
3) T 2-Methylnaphthalene (...)	6.953	333234	2.485 ug/ml
5) T Acenaphthylene (C15.06)	8.227	308551	2.467 ug/ml
7) T Acenaphthene (C15.5)	8.521	324824	2.514 ug/mlm
8) T Flouorene (C16.55)	9.302	309605	2.528 ug/ml
9) T Phenanthrene (C19.36)	10.697	324158	2.750 ug/ml
10) T Anthracene (C19.43)	10.771	311182	2.702 ug/ml
12) T Fluoranthene (C21.85)	12.506	373066	3.199 ug/ml
13) T Pyrene (C20.8)	12.803	379642	3.298 ug/ml
14) T Benzo[a]anthracene (C...	14.672	346844	3.151 ug/mlm
15) T Chrysene (C27.41)	14.714	393634	3.477 ug/mlm
16) T benzo[b]fluoranthene ...	16.221	386289	3.444 ug/ml
17) T Bnezo[k]fluoranthene ...	16.251	378404	3.513 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.600	361930	3.497 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.963	329511	3.098 ug/mlm
20) T Dibenz[a,h]anthracene...	18.003	344928	3.301 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.215	362525	3.394 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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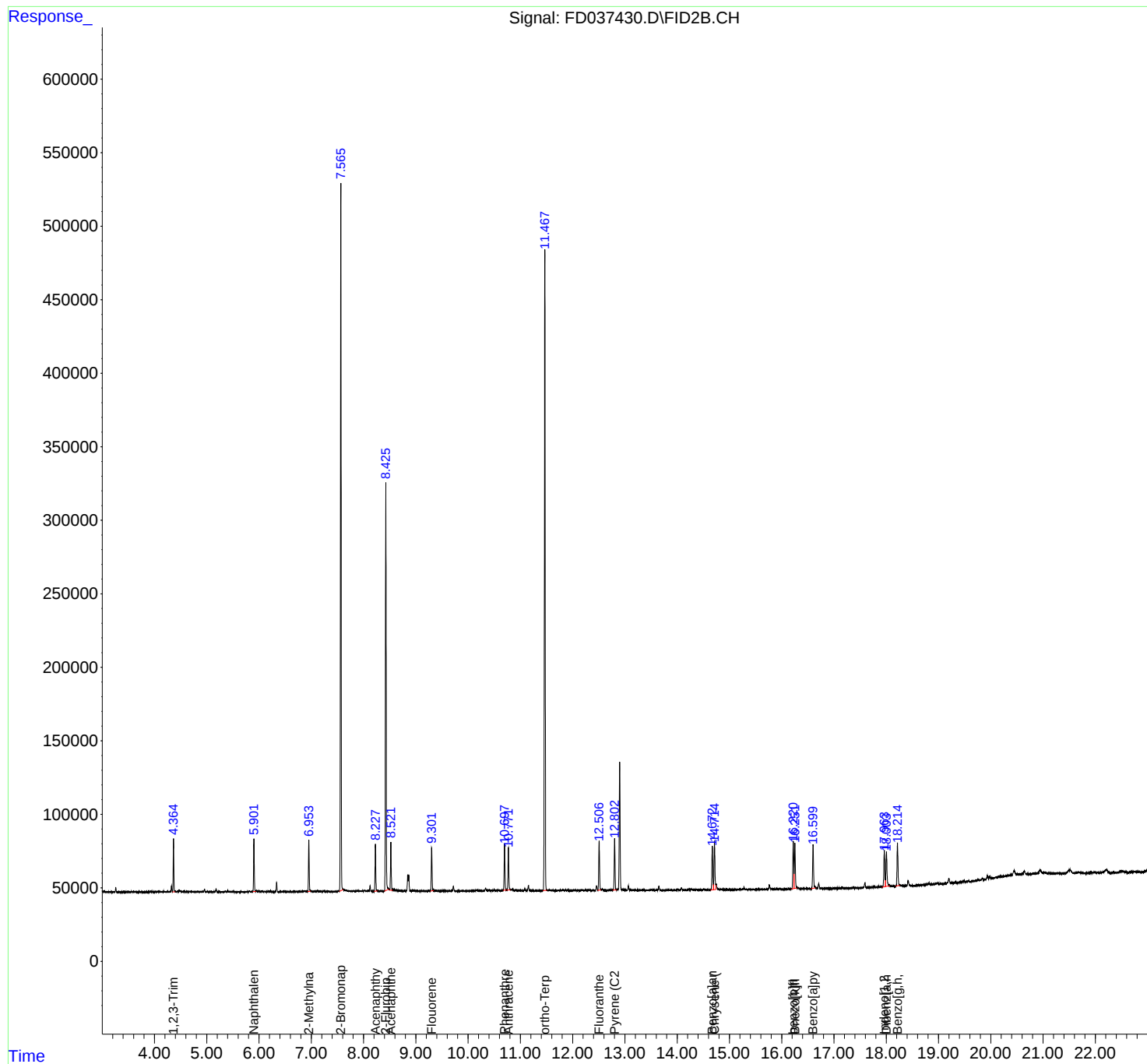
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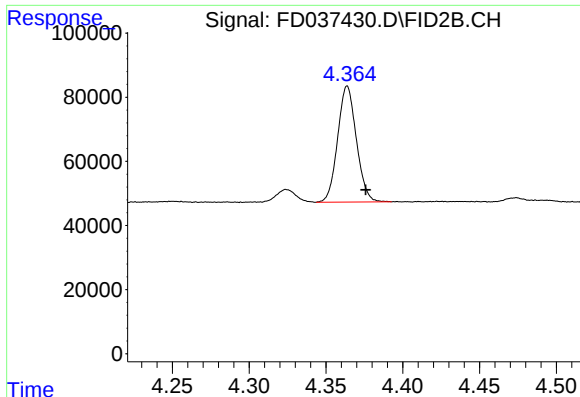
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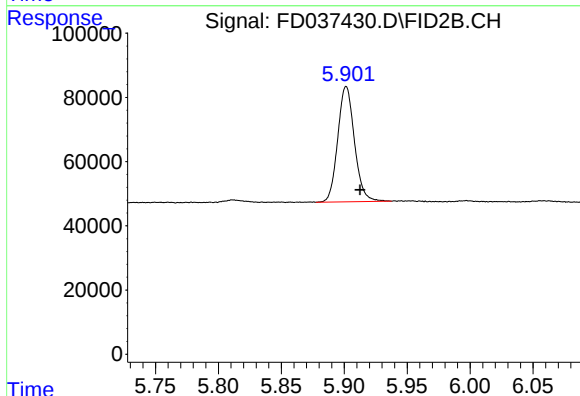
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.364 min
Delta R.T.: -0.012 min
Response: 307303
Conc: 2.31 ug/ml

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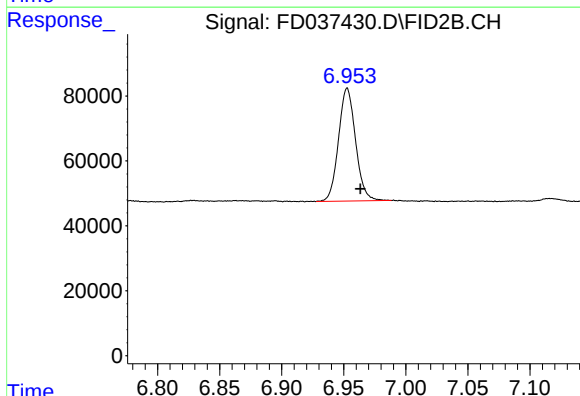
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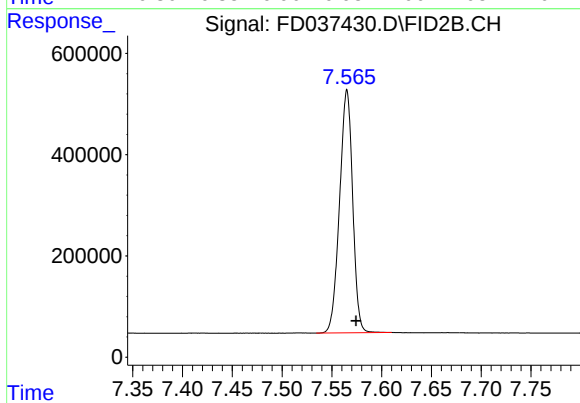
#2 Naphthalene (C11.7)

R.T.: 5.902 min
Delta R.T.: -0.011 min
Response: 332333
Conc: 2.42 ug/ml



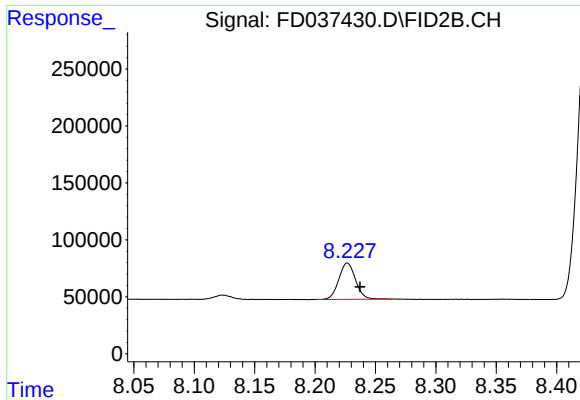
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.953 min
Delta R.T.: -0.011 min
Response: 333234
Conc: 2.48 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.565 min
Delta R.T.: -0.009 min
Response: 4397499
Conc: 37.19 ug/ml



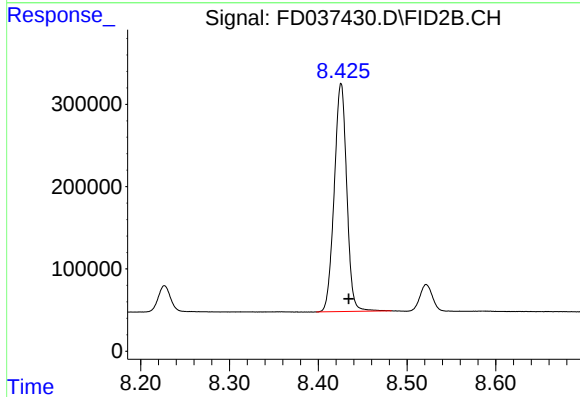
#5 Acenaphthylene (C15.06)

R.T.: 8.227 min
Delta R.T.: -0.011 min
Response: 308551
Conc: 2.47 ug/ml

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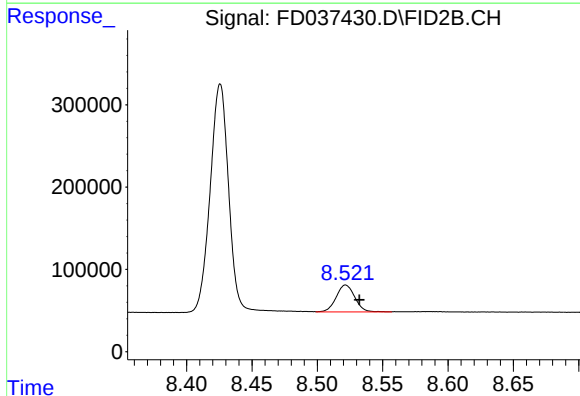
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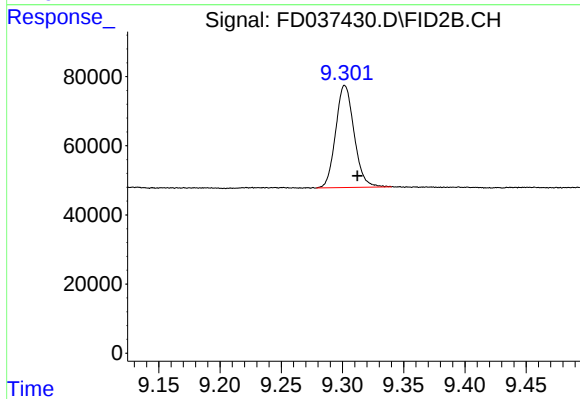
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.426 min
Delta R.T.: -0.009 min
Response: 2715435
Conc: 35.19 ug/ml



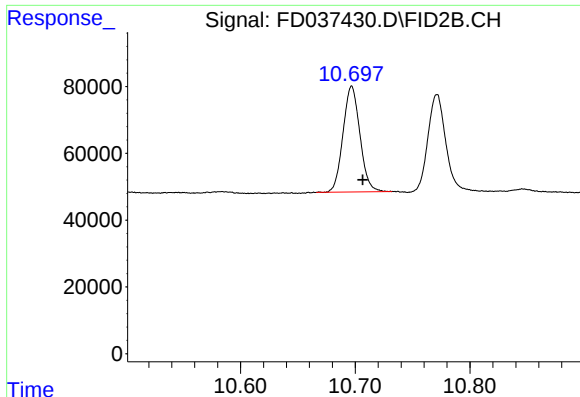
#7 Acenaphthene (C15.5)

R.T.: 8.521 min
Delta R.T.: -0.011 min
Response: 324824
Conc: 2.51 ug/ml m



#8 Flouorene (C16.55)

R.T.: 9.302 min
Delta R.T.: -0.010 min
Response: 309605
Conc: 2.53 ug/ml



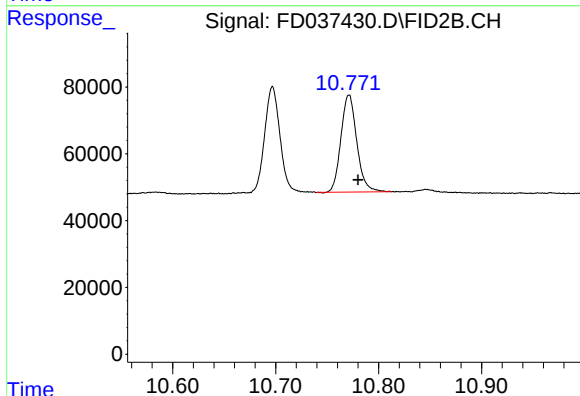
#9 Phenanthrene (C19.36)

R.T.: 10.697 min
Delta R.T.: -0.010 min
Response: 324158
Conc: 2.75 ug/ml

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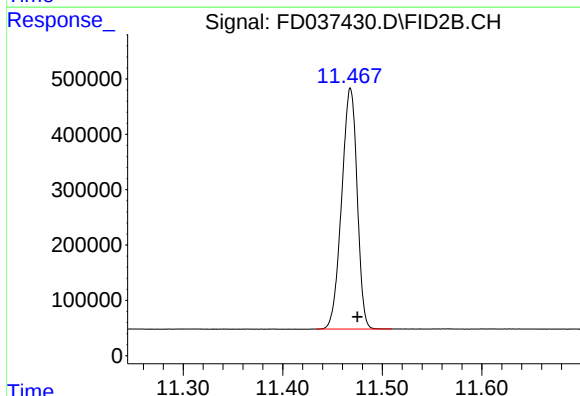
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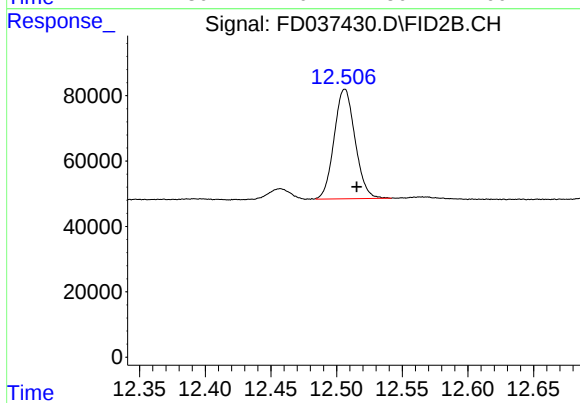
#10 Anthracene (C19.43)

R.T.: 10.771 min
Delta R.T.: -0.009 min
Response: 311182
Conc: 2.70 ug/ml



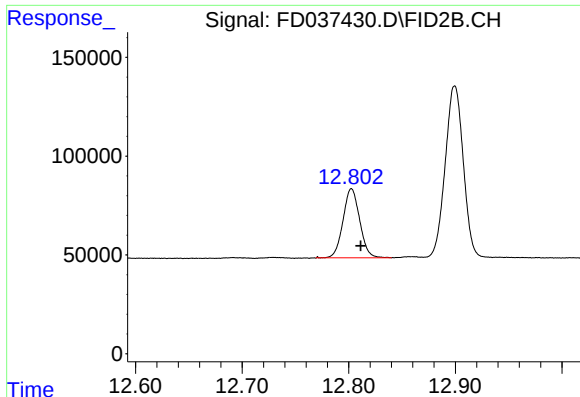
#11 ortho-Terphenyl (SURR)

R.T.: 11.468 min
Delta R.T.: -0.007 min
Response: 4704520
Conc: 38.09 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.506 min
Delta R.T.: -0.009 min
Response: 373066
Conc: 3.20 ug/ml



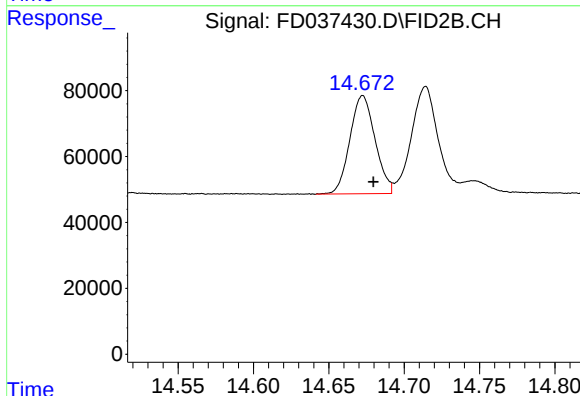
#13 Pyrene (C20.8)

R.T.: 12.803 min
Delta R.T.: -0.008 min
Response: 379642
Conc: 3.30 ug/ml

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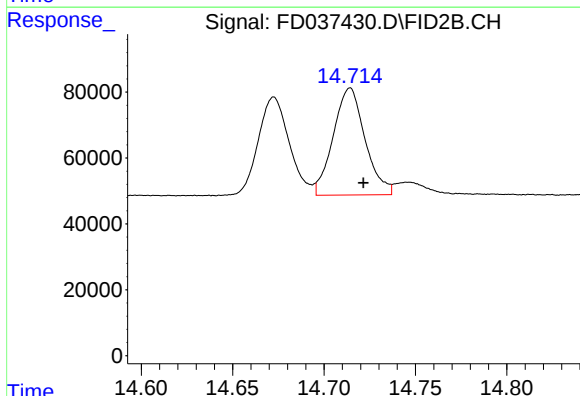
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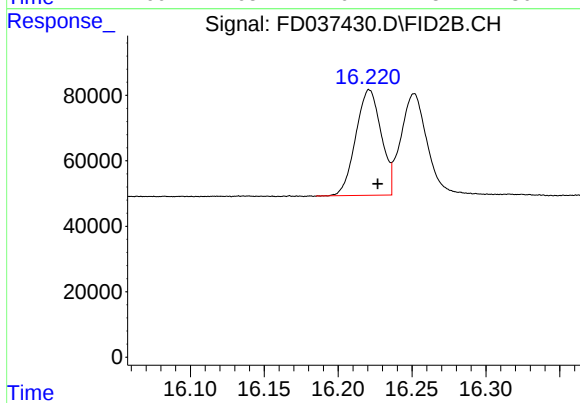
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.672 min
Delta R.T.: -0.008 min
Response: 346844
Conc: 3.15 ug/ml m



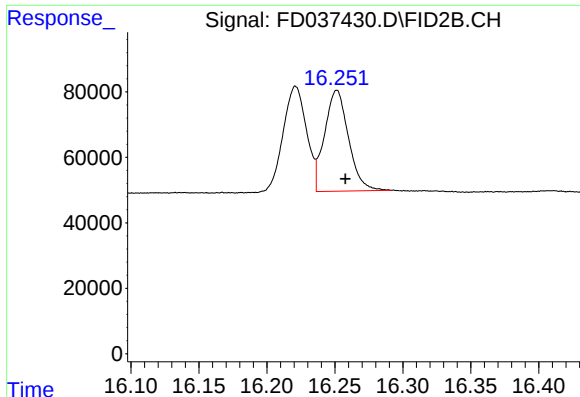
#15 Chrysene (C27.41)

R.T.: 14.714 min
Delta R.T.: -0.007 min
Response: 393634
Conc: 3.48 ug/ml m



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

R.T.: 16.221 min
Delta R.T.: -0.006 min
Response: 386289
Conc: 3.44 ug/ml



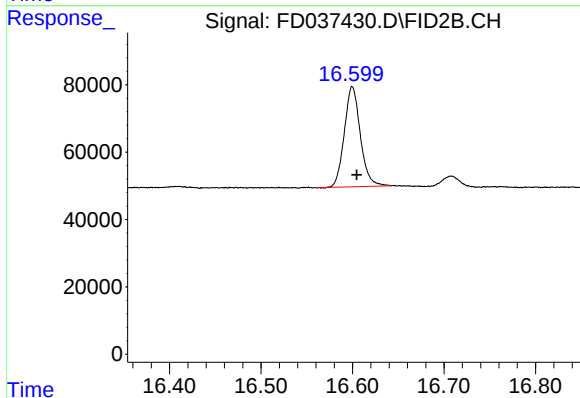
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.251 min
Delta R.T.: -0.006 min
Response: 378404
Conc: 3.51 ug/ml

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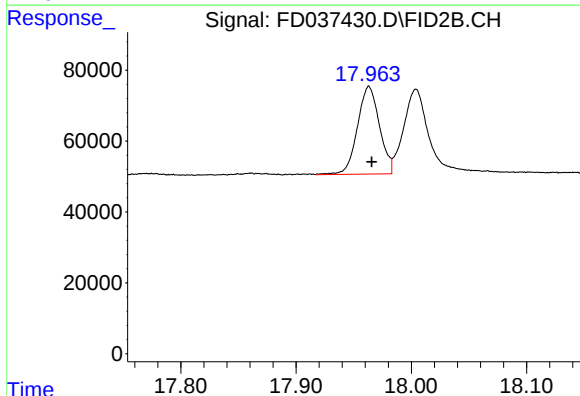
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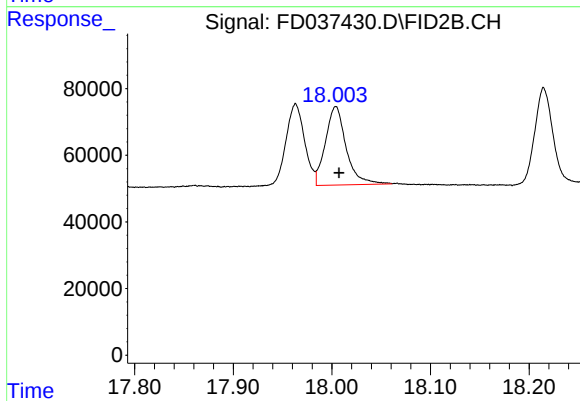
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.600 min
Delta R.T.: -0.005 min
Response: 361930
Conc: 3.50 ug/ml



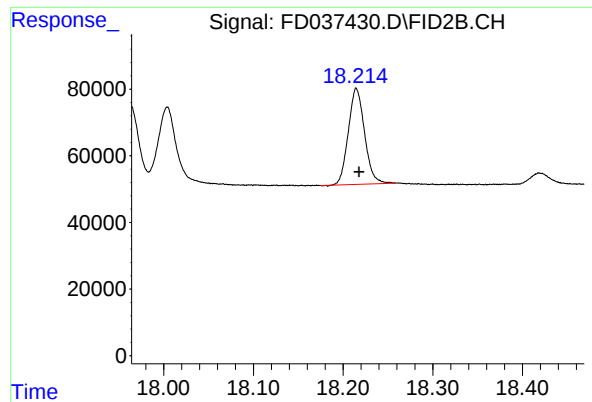
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.963 min
Delta R.T.: -0.003 min
Response: 329511
Conc: 3.10 ug/ml m



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

R.T.: 18.003 min
Delta R.T.: -0.004 min
Response: 344928
Conc: 3.30 ug/ml m



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

R.T.: 18.215 min
Delta R.T.: -0.003 min
Response: 362525
Conc: 3.39 ug/ml

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