

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112720AR\
 Data File : FD035700.D
 Signal(s) : FID2B.CH
 Acq On : 27 Nov 2020 21:31
 Operator : DD\AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Nov 28 00:08:19 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112720.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 28 00:05:48 2020
 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...	7.616	590059	4.548 ug/ml
Spiked Amount 50.000		Recovery =	9.10%
6) S 2-Fluorobiphenyl (SURR)	8.486	376453	4.208 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	8.42%
11) S ortho-Terphenyl (SURR)	11.517	728662	4.874 ug/ml
Spiked Amount 50.000		Recovery =	9.75%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.416	697353	4.727 ug/ml
2) T Naphthalene (C11.7)	5.956	695695	4.534 ug/ml
3) T 2-Methylnaphthalene (...)	7.009	703138	4.576 ug/ml
5) T Acenaphthylene (C15.06)	8.284	704036	4.745 ug/ml
7) T Acenaphthene (C15.5)	8.578	723547	4.694 ug/ml
8) T Fluorene (C16.55)	9.362	667555	4.569 ug/ml
9) T Phenanthrene (C19.36)	10.761	668689	4.625 ug/ml
10) T Anthracene (C19.43)	10.837	687249	4.713 ug/ml
12) T Fluoranthene (C21.85)	12.574	671115	4.738 ug/ml
13) T Pyrene (C20.8)	12.871	672455	4.970 ug/ml
14) T Benzo[a]anthracene (C...	14.746	527345	4.416 ug/ml
15) T Chrysene (C27.41)	14.786	646391	5.013 ug/ml
16) T benzo[b]fluoranthene ...	16.298	497281	4.496 ug/ml
17) T Bnezo[k]fluoranthene ...	16.329	562671	4.981 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.684	483402	4.778 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.051	421449	4.381 ug/ml
20) T Dibenz[a,h]anthracene...	18.086	536442	5.043 ug/ml
21) T Benzo[g,h,i]perylene ...	18.303	466067	4.641 ug/ml

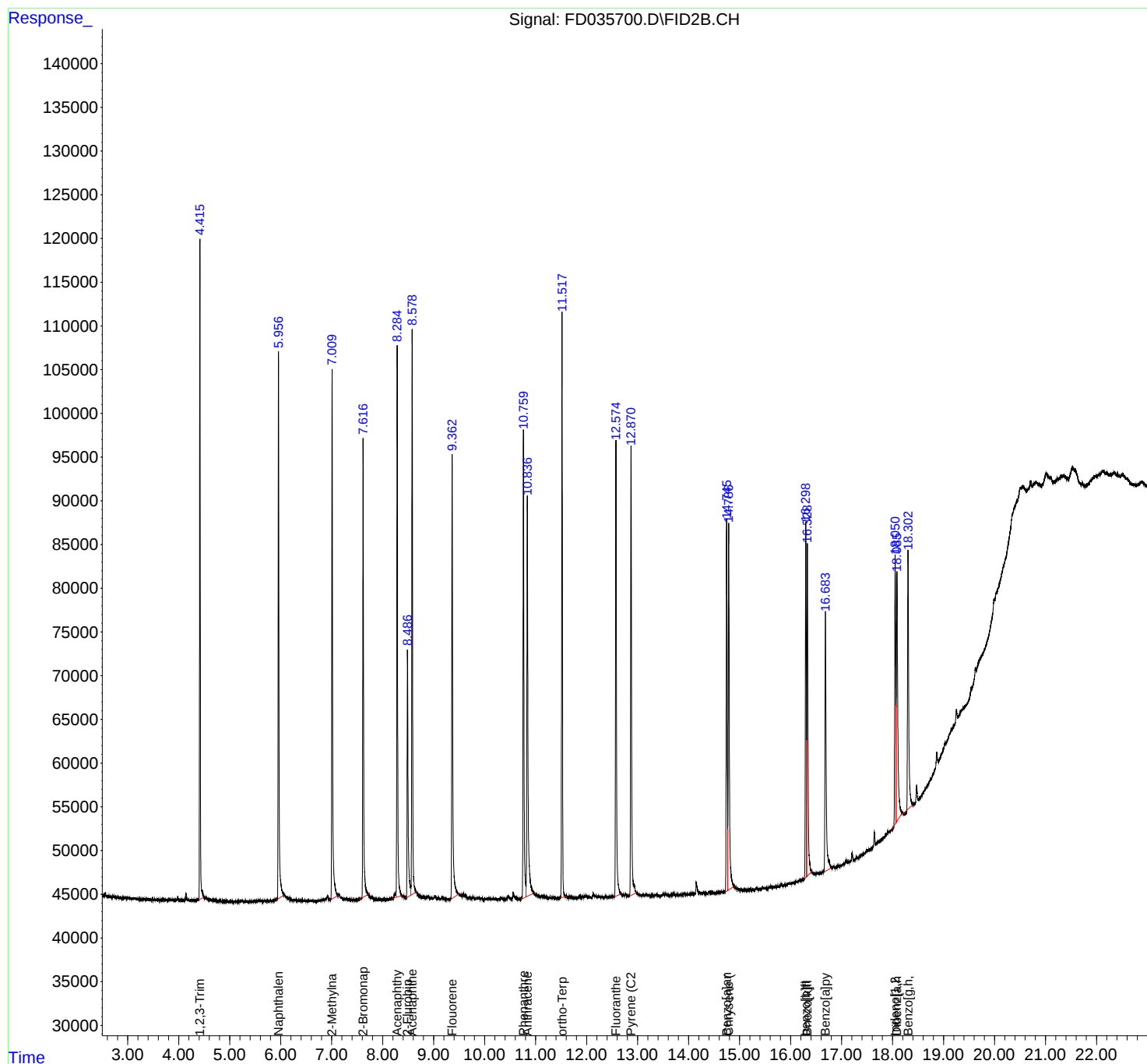
(f)=RT Delta > 1/2 Window

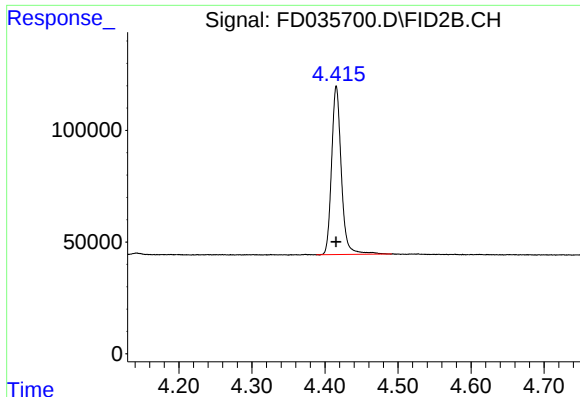
(m)=manual int.

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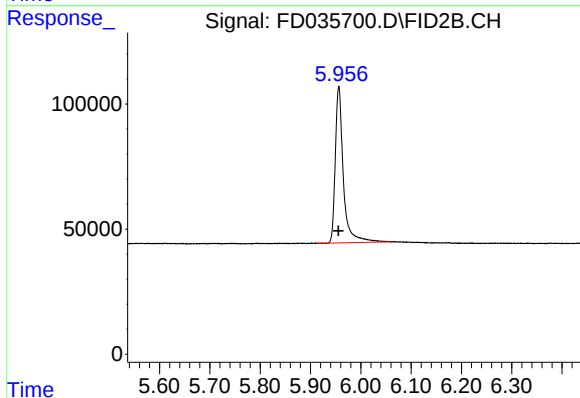
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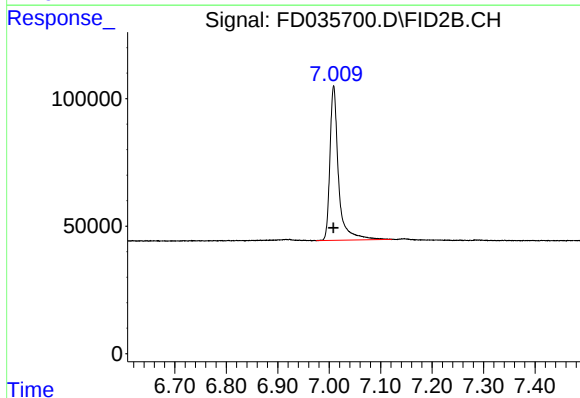
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.416 min
Delta R.T.: 0.000 min
Response: 697353
Conc: 4.73 ug/ml



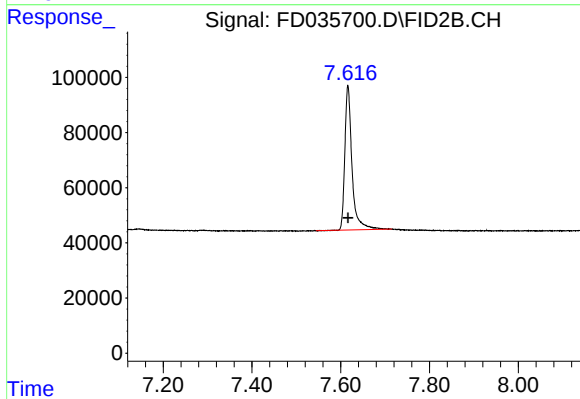
#2 Naphthalene (C11.7)

R.T.: 5.956 min
Delta R.T.: 0.000 min
Response: 695695
Conc: 4.53 ug/ml



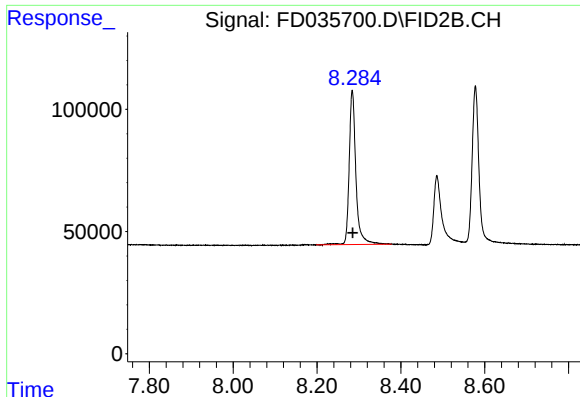
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.009 min
Delta R.T.: 0.000 min
Response: 703138
Conc: 4.58 ug/ml



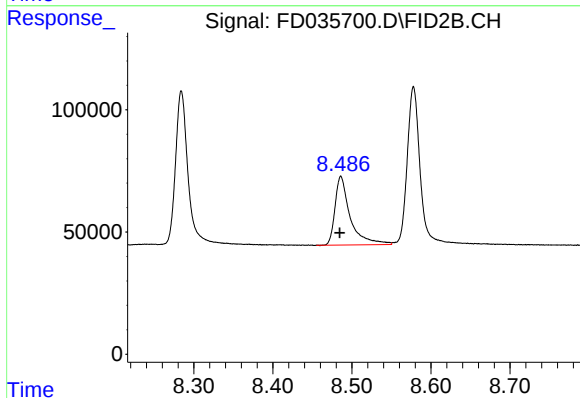
#4 2-Bromonaphthalene (SURR)

R.T.: 7.616 min
Delta R.T.: 0.000 min
Response: 590059
Conc: 4.55 ug/ml



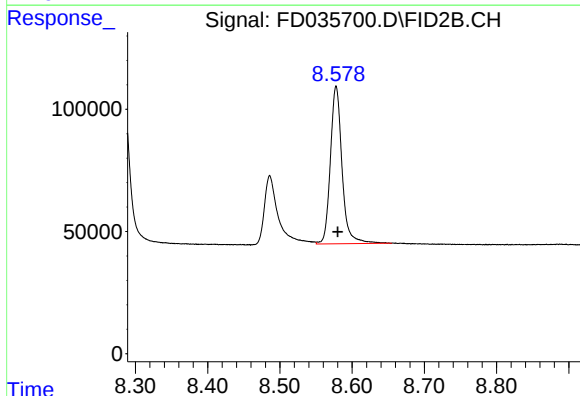
#5 Acenaphthylene (C15.06)

R.T.: 8.284 min
Delta R.T.: 0.000 min
Response: 704036
Conc: 4.74 ug/ml



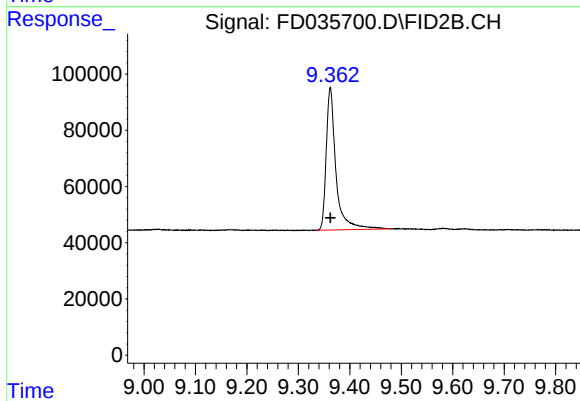
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.486 min
Delta R.T.: 0.002 min
Response: 376453
Conc: 4.21 ug/ml



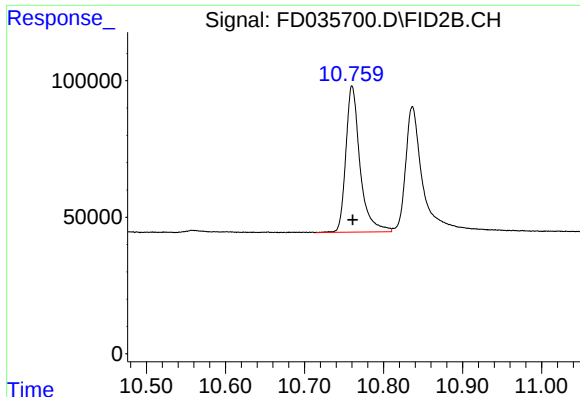
#7 Acenaphthene (C15.5)

R.T.: 8.578 min
Delta R.T.: -0.002 min
Response: 723547
Conc: 4.69 ug/ml



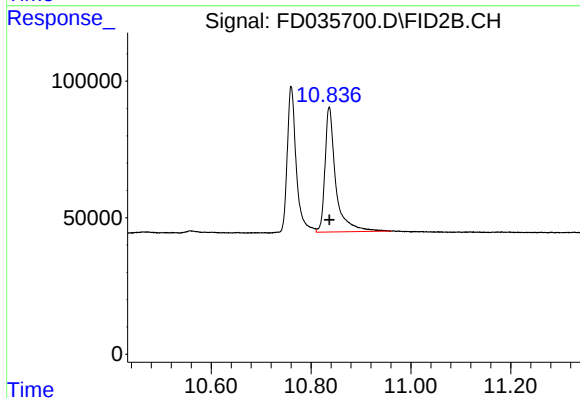
#8 Flouorene (C16.55)

R.T.: 9.362 min
Delta R.T.: 0.000 min
Response: 667555
Conc: 4.57 ug/ml



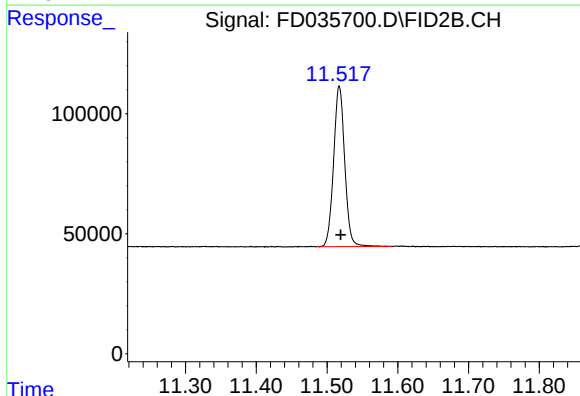
#9 Phenanthrene (C19.36)

R.T.: 10.761 min
Delta R.T.: 0.000 min
Response: 668689
Conc: 4.63 ug/ml



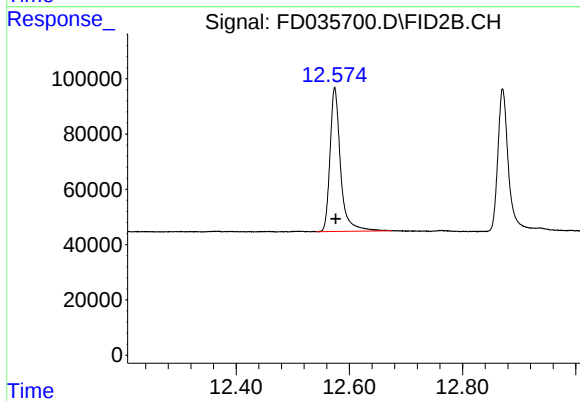
#10 Anthracene (C19.43)

R.T.: 10.837 min
Delta R.T.: 0.000 min
Response: 687249
Conc: 4.71 ug/ml



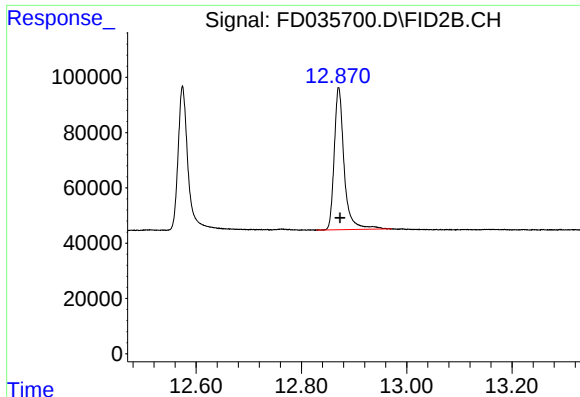
#11 ortho-Terphenyl (SURR)

R.T.: 11.517 min
Delta R.T.: -0.002 min
Response: 728662
Conc: 4.87 ug/ml



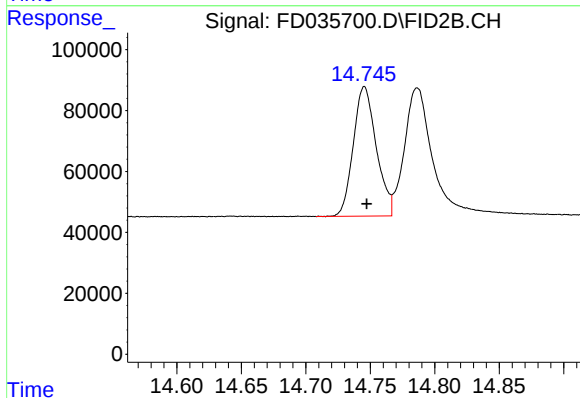
#12 Fluoranthene (C21.85)

R.T.: 12.574 min
Delta R.T.: -0.001 min
Response: 671115
Conc: 4.74 ug/ml



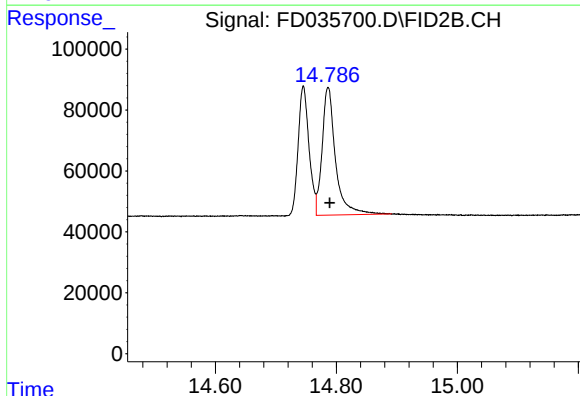
#13 Pyrene (C20.8)

R.T.: 12.871 min
Delta R.T.: -0.002 min
Response: 672455
Conc: 4.97 ug/ml



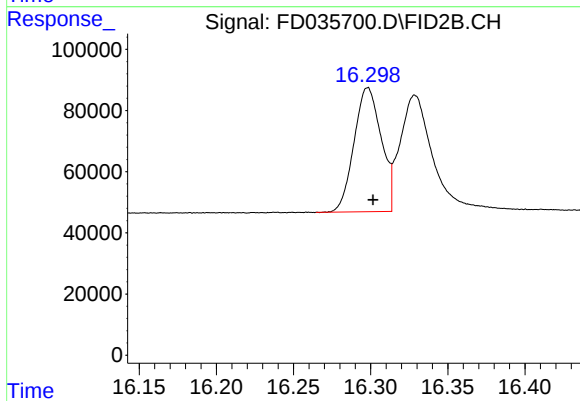
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.746 min
Delta R.T.: -0.002 min
Response: 527345
Conc: 4.42 ug/ml



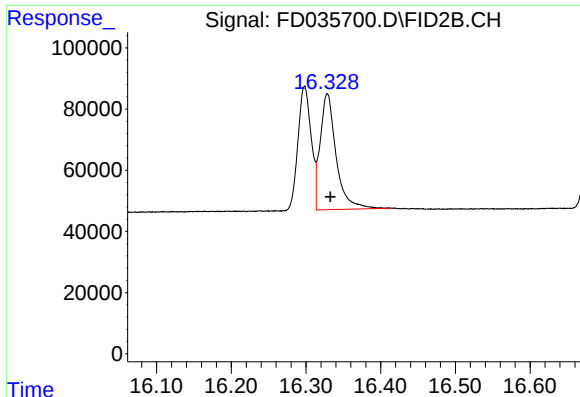
#15 Chrysene (C27.41)

R.T.: 14.786 min
Delta R.T.: -0.003 min
Response: 646391
Conc: 5.01 ug/ml



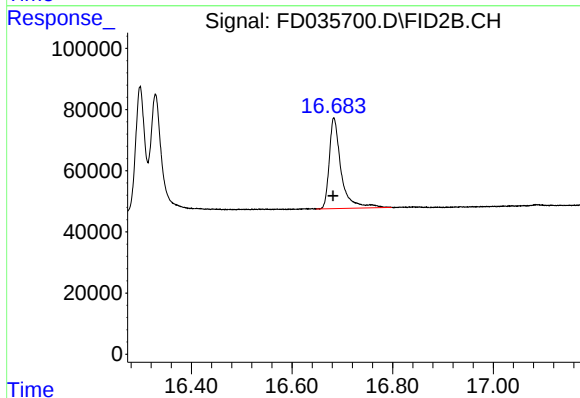
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.298 min
Delta R.T.: -0.003 min
Response: 497281
Conc: 4.50 ug/ml



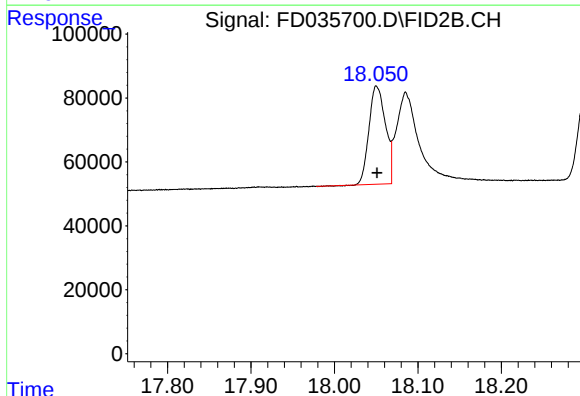
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.329 min
Delta R.T.: -0.004 min
Response: 562671
Conc: 4.98 ug/ml



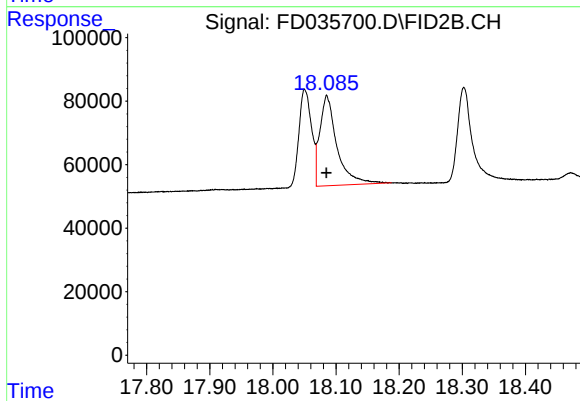
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.684 min
Delta R.T.: 0.002 min
Response: 483402
Conc: 4.78 ug/ml



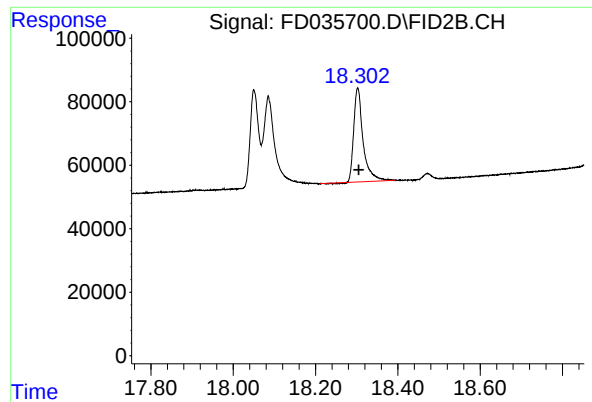
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.051 min
Delta R.T.: 0.000 min
Response: 421449
Conc: 4.38 ug/ml



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

R.T.: 18.086 min
Delta R.T.: 0.000 min
Response: 536442
Conc: 5.04 ug/ml



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

R.T.: 18.303 min
Delta R.T.: -0.002 min
Response: 466067
Conc: 4.64 ug/ml