

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061820AR\
 Data File : FD033721.D
 Signal(s) : FID2B.CH
 Acq On : 19 Jun 2020 6:46
 Operator : DD\AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 75 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 19 07:12:03 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061820.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 19 06:41:17 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...	7.572	468092	4.079 ug/mlm
Spiked Amount 50.000		Recovery =	8.16%
6) S 2-Fluorobiphenyl (SURR)	8.441	288778	3.686 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	7.37%
11) S ortho-Terphenyl (SURR)	11.456	650356	4.609 ug/ml
Spiked Amount 50.000		Recovery =	9.22%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.379	577347	4.489 ug/ml
2) T Naphthalene (C11.7)	5.916	534872	4.102 ug/mlm
3) T 2-Methylnaphthalene (...)	6.965	534036	4.022 ug/mlm
5) T Acenaphthylene (C15.06)	8.233	568976	4.291 ug/ml
7) T Acenaphthene (C15.5)	8.525	594426	4.322 ug/ml
8) T Fluorene (C16.55)	9.309	539652	4.148 ug/mlm
9) T Phenanthrene (C19.36)	10.704	546669	4.106 ug/ml
10) T Anthracene (C19.43)	10.781	538723	4.111 ug/mlm
12) T Fluoranthene (C21.85)	12.512	578921	4.267 ug/ml
13) T Pyrene (C20.8)	12.807	573613	4.350 ug/ml
14) T Benzo[a]anthracene (C...	14.680	478046	3.839 ug/mlm
15) T Chrysene (C27.41)	14.722	624891	4.654 ug/ml
16) T benzo[b]fluoranthene ...	16.232	505348	4.119 ug/ml
17) T Bnezo[k]fluoranthene ...	16.264	629254	4.907 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.619	545350	4.446 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.991	418708	3.831 ug/mlm
20) T Dibenz[a,h]anthracene...	18.023	638589	5.264 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.238	507737	4.399 ug/ml

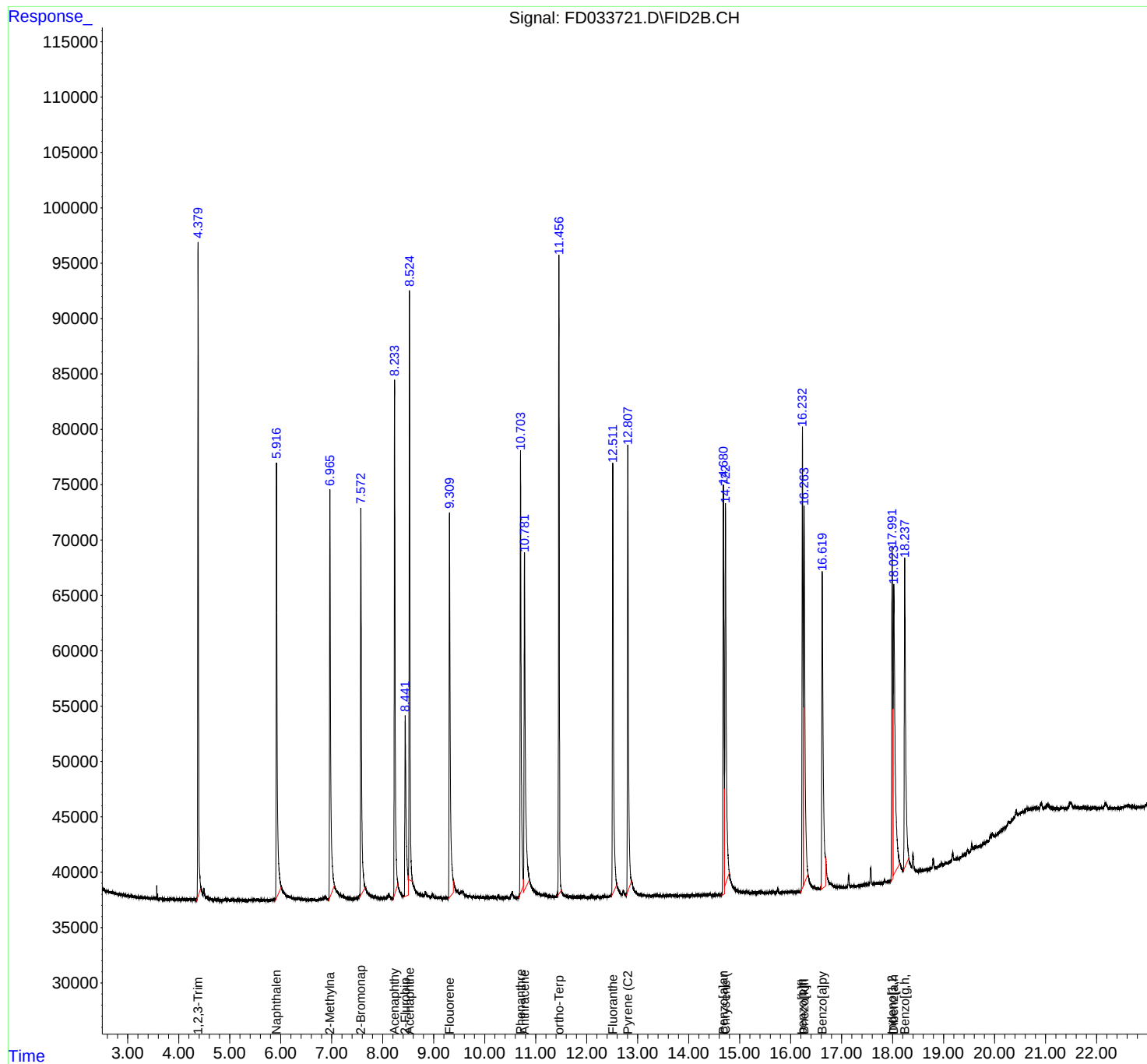
(f)=RT Delta > 1/2 Window

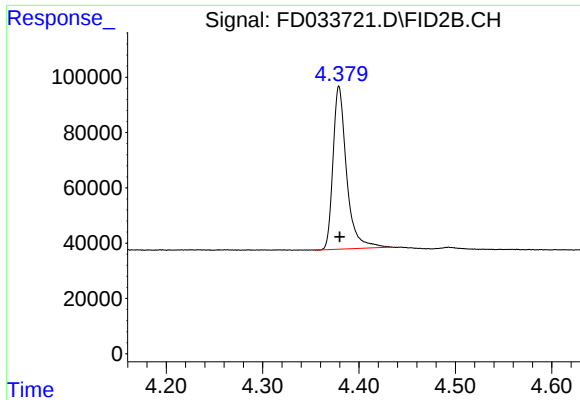
(m)=manual int.

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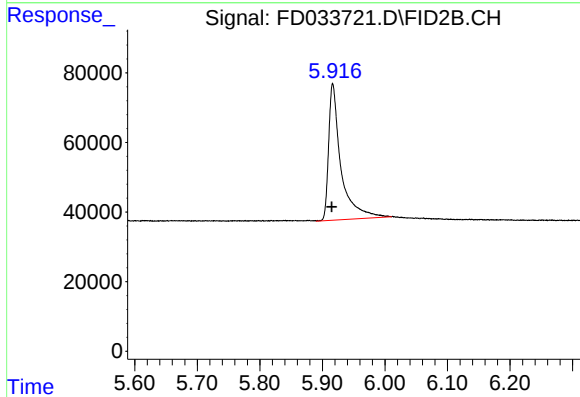
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
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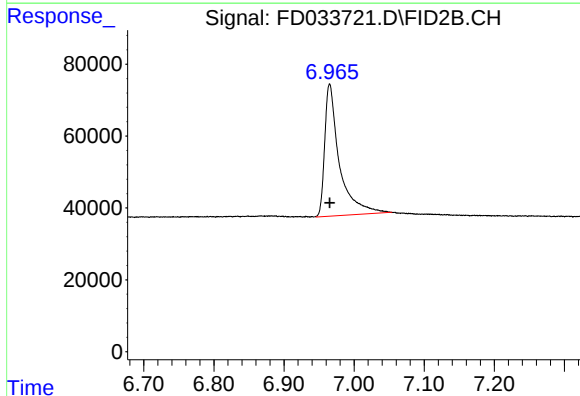
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.379 min
Delta R.T.: 0.000 min
Response: 577347
Conc: 4.49 ug/ml



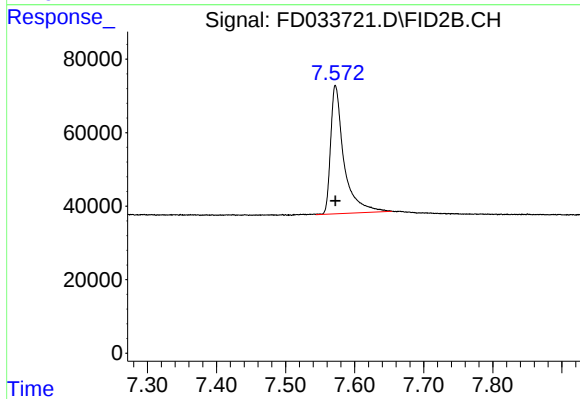
#2 Naphthalene (C11.7)

R.T.: 5.916 min
Delta R.T.: 0.001 min
Response: 534872
Conc: 4.10 ug/ml m



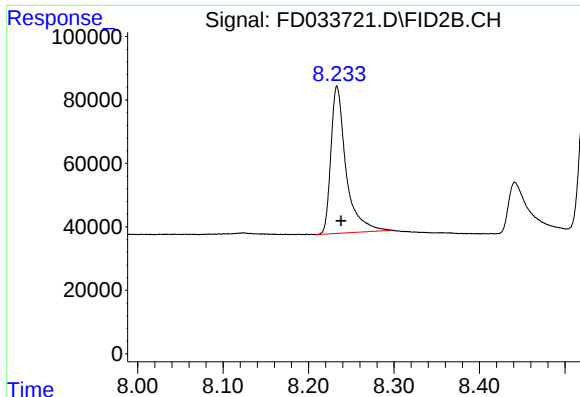
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.965 min
Delta R.T.: 0.000 min
Response: 534036
Conc: 4.02 ug/ml m



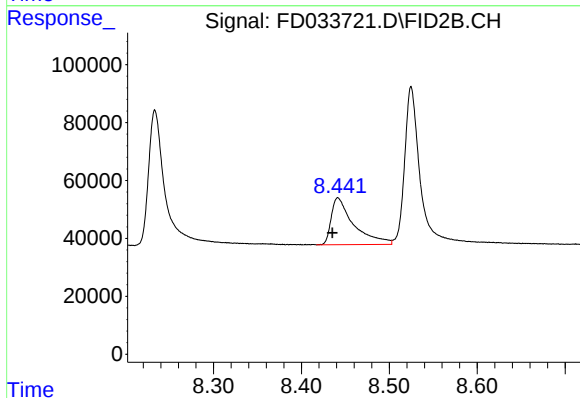
#4 2-Bromonaphthalene (SURR)

R.T.: 7.572 min
Delta R.T.: 0.000 min
Response: 468092
Conc: 4.08 ug/ml m



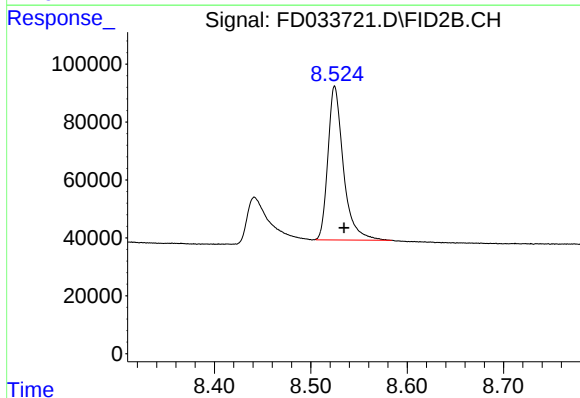
#5 Acenaphthylene (C15.06)

R.T.: 8.233 min
Delta R.T.: -0.004 min
Response: 568976
Conc: 4.29 ug/ml



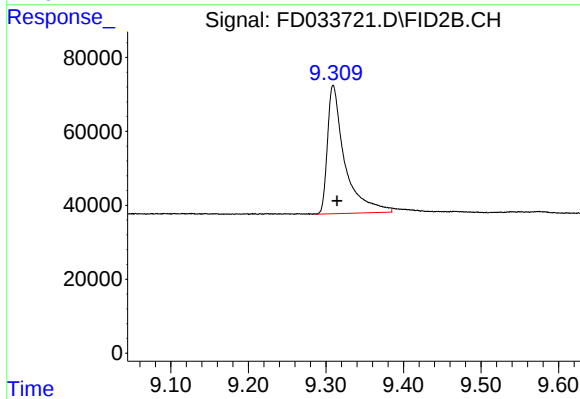
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.441 min
Delta R.T.: 0.006 min
Response: 288778
Conc: 3.69 ug/ml m



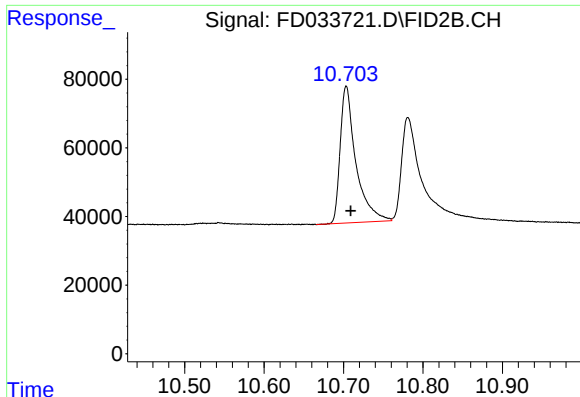
#7 Acenaphthene (C15.5)

R.T.: 8.525 min
Delta R.T.: -0.009 min
Response: 594426
Conc: 4.32 ug/ml



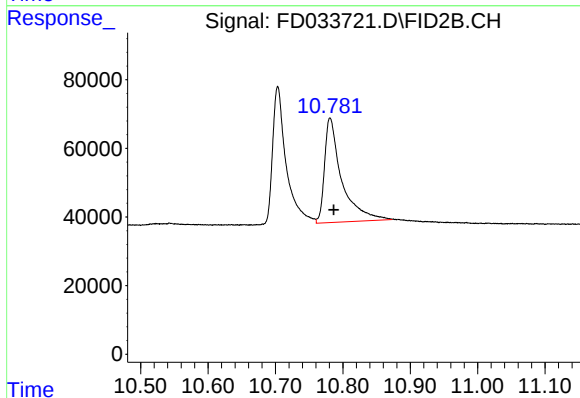
#8 Fluorene (C16.55)

R.T.: 9.309 min
Delta R.T.: -0.005 min
Response: 539652
Conc: 4.15 ug/ml m



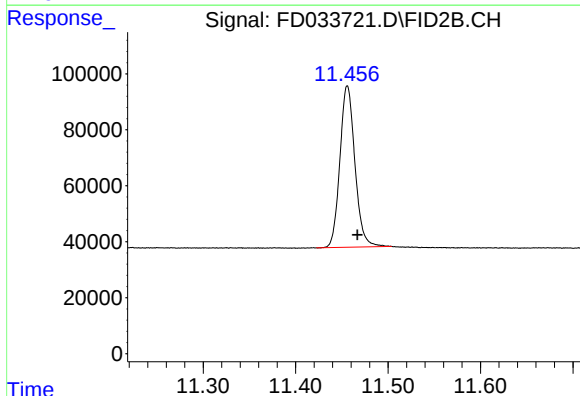
#9 Phenanthrene (C19.36)

R.T.: 10.704 min
Delta R.T.: -0.005 min
Response: 546669
Conc: 4.11 ug/ml



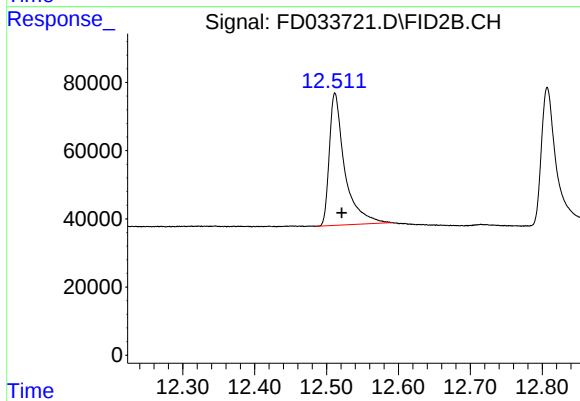
#10 Anthracene (C19.43)

R.T.: 10.781 min
Delta R.T.: -0.005 min
Response: 538723
Conc: 4.11 ug/ml m



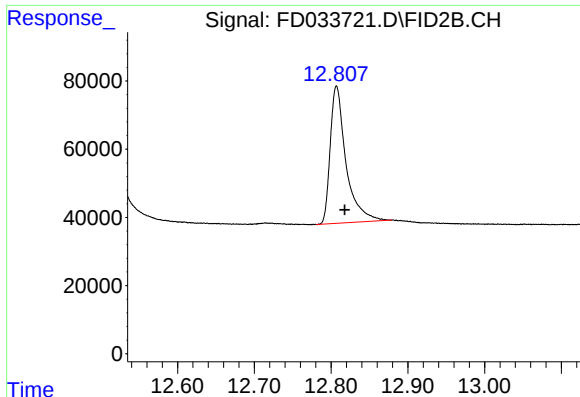
#11 ortho-Terphenyl (SURR)

R.T.: 11.456 min
Delta R.T.: -0.011 min
Response: 650356
Conc: 4.61 ug/ml



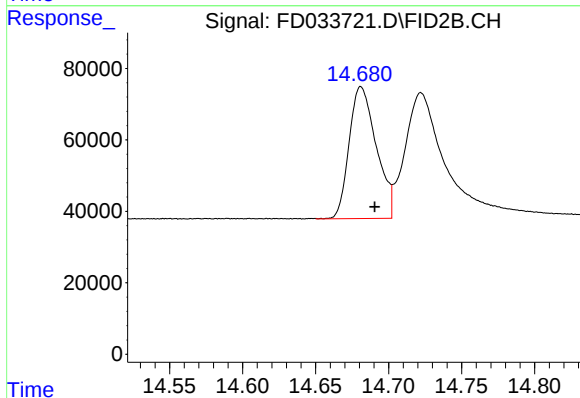
#12 Fluoranthene (C21.85)

R.T.: 12.512 min
Delta R.T.: -0.009 min
Response: 578921
Conc: 4.27 ug/ml



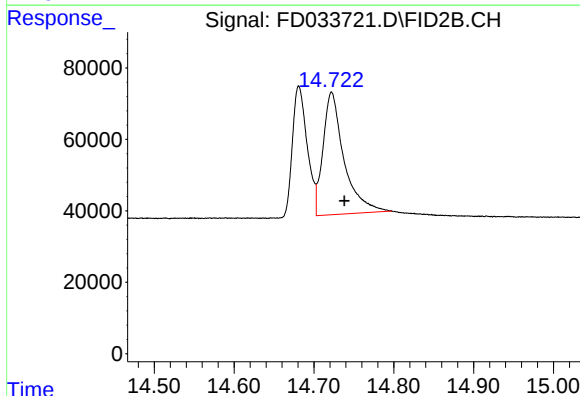
#13 Pyrene (C20.8)

R.T.: 12.807 min
Delta R.T.: -0.011 min
Response: 573613
Conc: 4.35 ug/ml



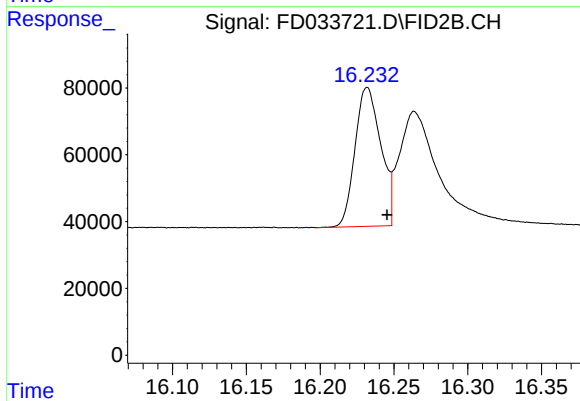
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.680 min
Delta R.T.: -0.010 min
Response: 478046
Conc: 3.84 ug/ml m



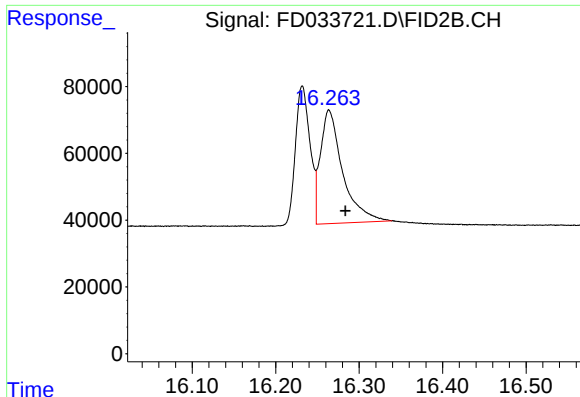
#15 Chrysene (C27.41)

R.T.: 14.722 min
Delta R.T.: -0.016 min
Response: 624891
Conc: 4.65 ug/ml



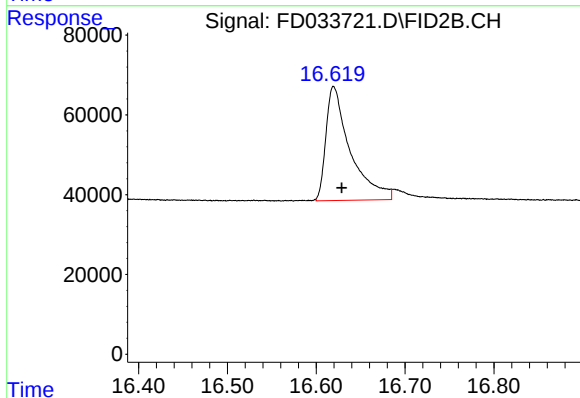
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.232 min
Delta R.T.: -0.014 min
Response: 505348
Conc: 4.12 ug/ml



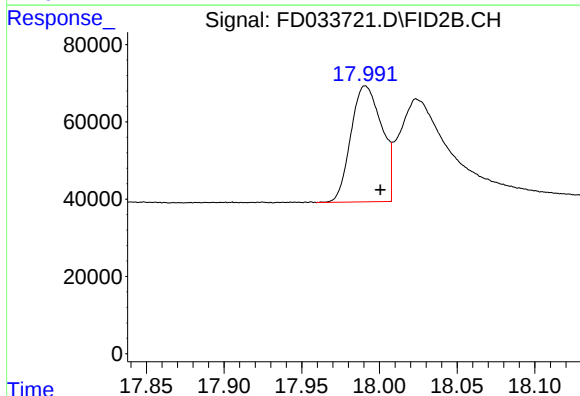
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.264 min
Delta R.T.: -0.020 min
Response: 629254
Conc: 4.91 ug/ml



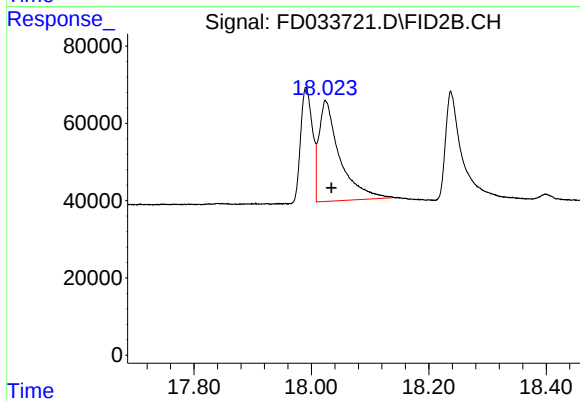
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.619 min
Delta R.T.: -0.010 min
Response: 545350
Conc: 4.45 ug/ml m



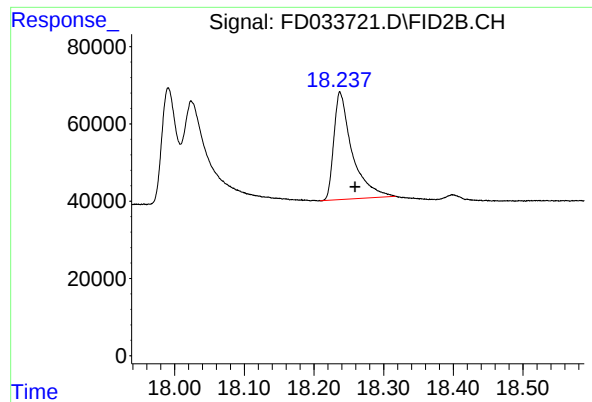
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.991 min
Delta R.T.: -0.009 min
Response: 418708
Conc: 3.83 ug/ml m



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

R.T.: 18.023 min
Delta R.T.: -0.011 min
Response: 638589
Conc: 5.26 ug/ml m



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

R.T.: 18.238 min
Delta R.T.: -0.021 min
Response: 507737
Conc: 4.40 ug/ml