

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051920AR\
 Data File : FD033540.D
 Signal(s) : FID2B.CH
 Acq On : 20 May 2020 3:26
 Operator : DD\AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 20 06:44:36 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 051920.M
 Quant Title : GC Extractables
 QLast Update : Wed May 20 06:41:13 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...	7.589	412532	3.920 ug/ml
Spiked Amount 50.000		Recovery =	7.84%
6) S 2-Fluorobiphenyl (SURR)	8.458	246341	3.494 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	6.99%
11) S ortho-Terphenyl (SURR)	11.471	641275	4.928 ug/ml
Spiked Amount 50.000		Recovery =	9.86%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.394	514521	4.457 ug/ml
2) T Naphthalene (C11.7)	5.933	470566	4.010 ug/ml
3) T 2-Methylnaphthalene (...)	6.982	493889	4.066 ug/ml
5) T Acenaphthylene (C15.06)	8.249	561923	4.565 ug/ml
7) T Acenaphthene (C15.5)	8.540	619578	4.795 ug/ml
8) T Fluorene (C16.55)	9.326	507520	4.202 ug/ml
9) T Phenanthrene (C19.36)	10.718	542639	4.368 ug/ml
10) T Anthracene (C19.43)	10.797	532161	4.238 ug/ml
12) T Fluoranthene (C21.85)	12.527	578906	4.518 ug/ml
13) T Pyrene (C20.8)	12.822	558031	4.559 ug/ml
14) T Benzo[a]anthracene (C...	14.694	451935	3.888 ug/ml
15) T Chrysene (C27.41)	14.735	666251	5.069 ug/ml
16) T benzo[b]fluoranthene ...	16.244	485149	4.117 ug/ml
17) T Bnezo[k]fluoranthene ...	16.276	646808	5.158 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.632	539836	4.497 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.001	400588	3.890 ug/ml
20) T Dibenz[a,h]anthracene...	18.037	611038	4.770 ug/ml
21) T Benzo[g,h,i]perylene ...	18.247	512677	4.446 ug/ml

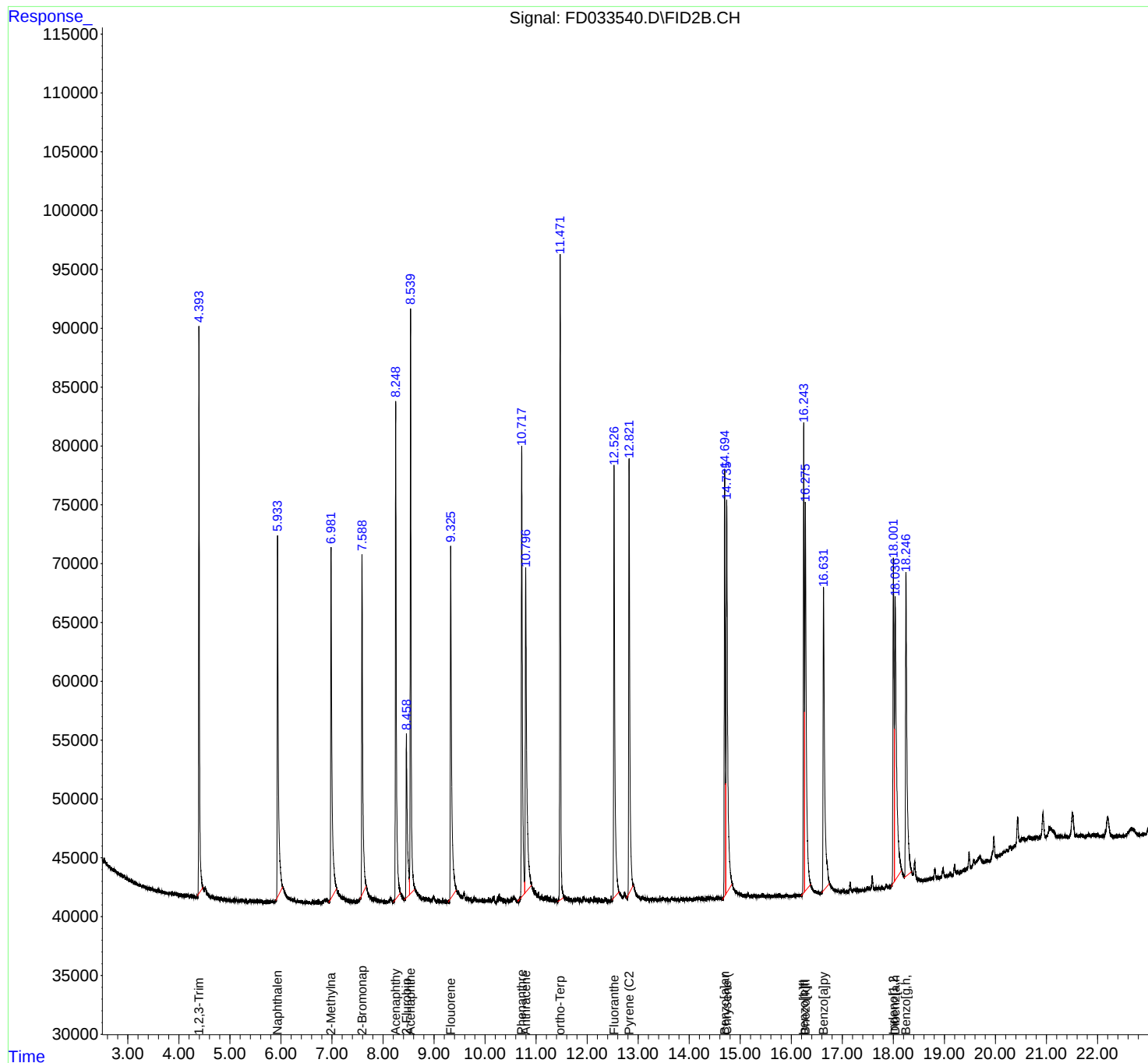
(f)=RT Delta > 1/2 Window

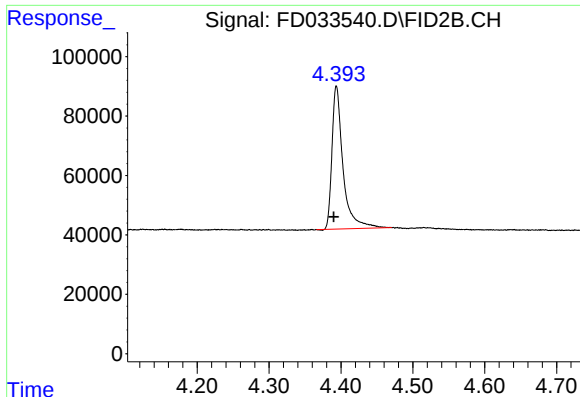
(m)=manual int.

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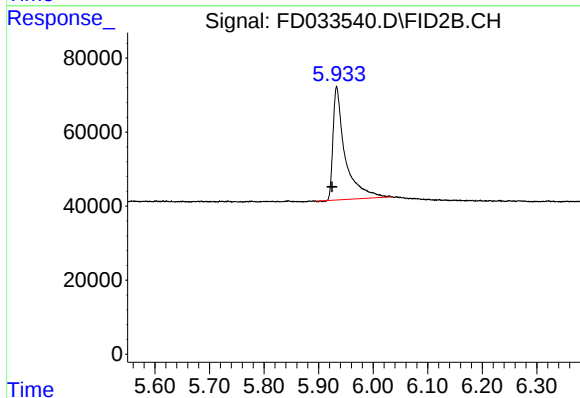
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Signal Info : 20M x 0.18mm x 0.18µm





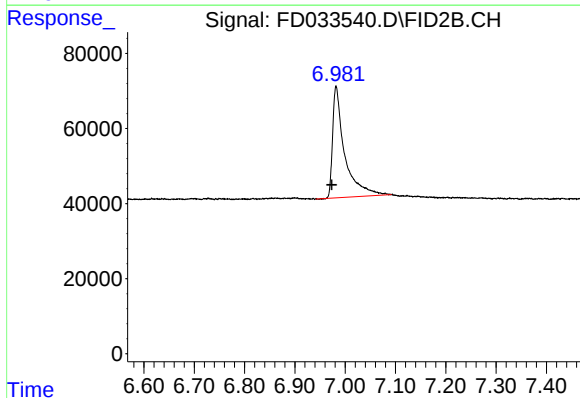
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.394 min
Delta R.T.: 0.004 min
Response: 514521
Conc: 4.46 ug/ml



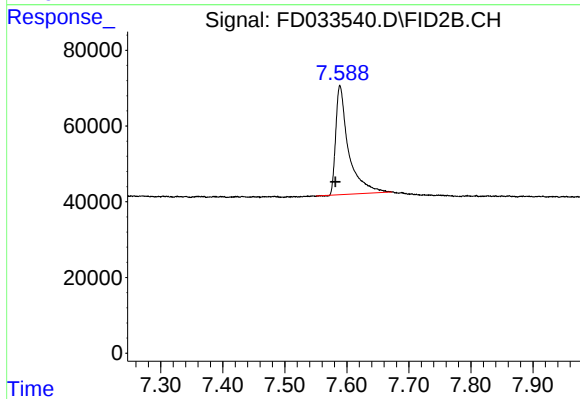
#2 Naphthalene (C11.7)

R.T.: 5.933 min
Delta R.T.: 0.008 min
Response: 470566
Conc: 4.01 ug/ml



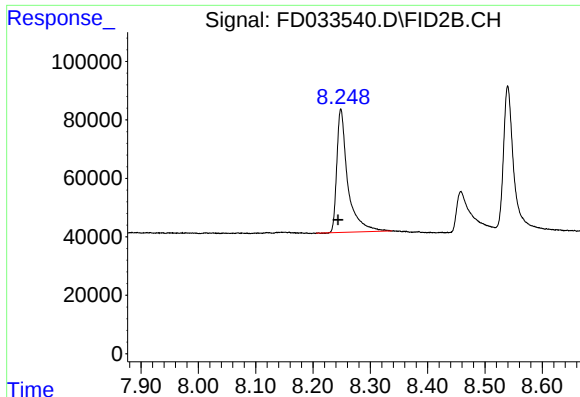
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.982 min
Delta R.T.: 0.009 min
Response: 493889
Conc: 4.07 ug/ml



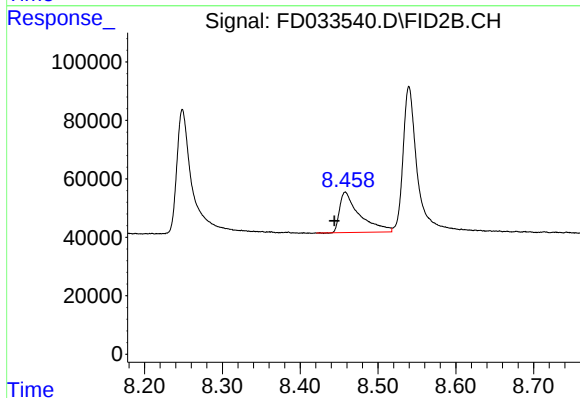
#4 2-Bromonaphthalene (SURR)

R.T.: 7.589 min
Delta R.T.: 0.008 min
Response: 412532
Conc: 3.92 ug/ml



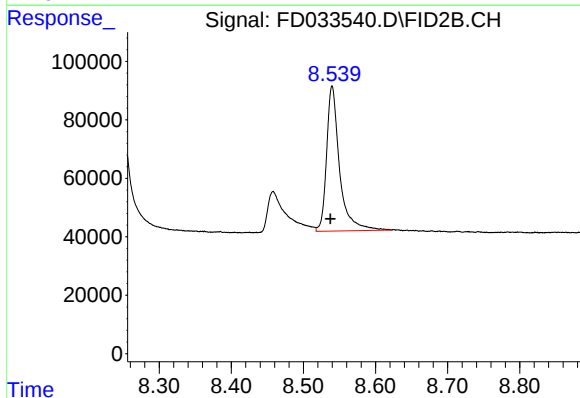
#5 Acenaphthylene (C15.06)

R.T.: 8.249 min
Delta R.T.: 0.005 min
Response: 561923
Conc: 4.56 ug/ml



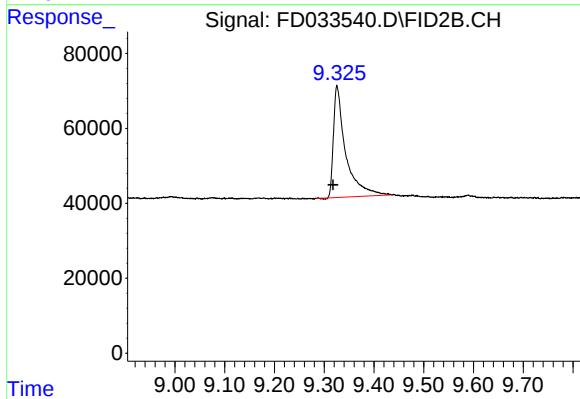
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.458 min
Delta R.T.: 0.014 min
Response: 246341
Conc: 3.49 ug/ml



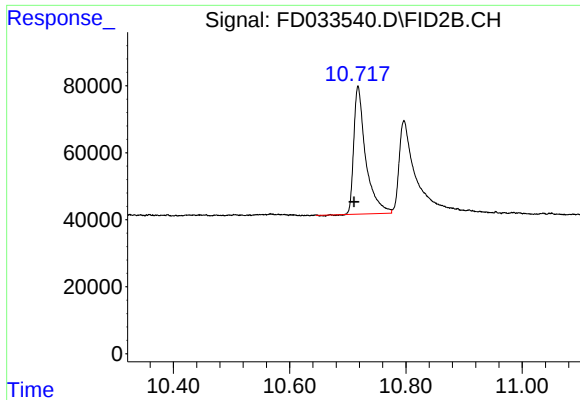
#7 Acenaphthene (C15.5)

R.T.: 8.540 min
Delta R.T.: 0.002 min
Response: 619578
Conc: 4.79 ug/ml



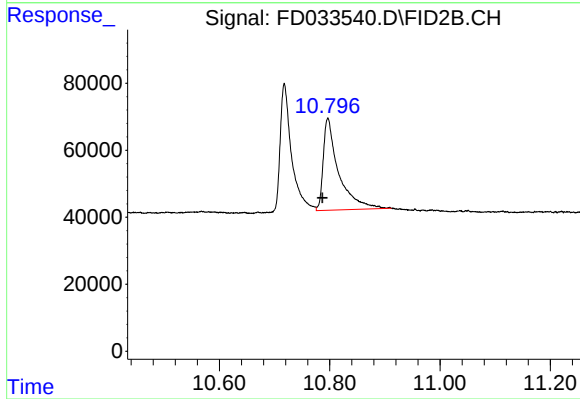
#8 Flouorene (C16.55)

R.T.: 9.326 min
Delta R.T.: 0.008 min
Response: 507520
Conc: 4.20 ug/ml



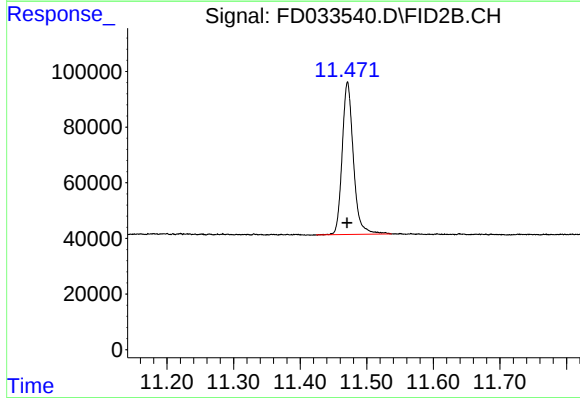
#9 Phenanthrene (C19.36)

R.T.: 10.718 min
Delta R.T.: 0.007 min
Response: 542639
Conc: 4.37 ug/ml



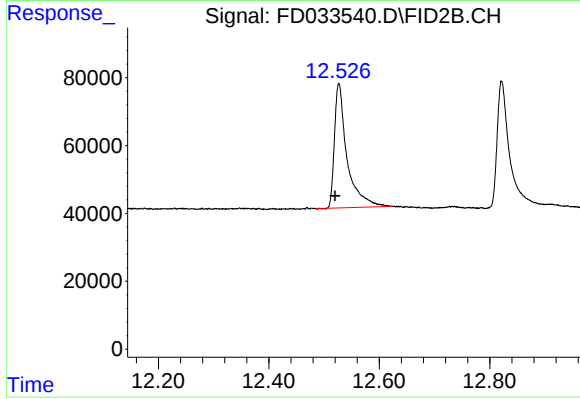
#10 Anthracene (C19.43)

R.T.: 10.797 min
Delta R.T.: 0.010 min
Response: 532161
Conc: 4.24 ug/ml



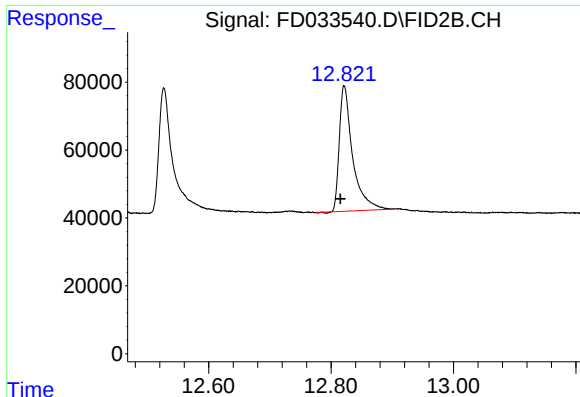
#11 ortho-Terphenyl (SURR)

R.T.: 11.471 min
Delta R.T.: 0.000 min
Response: 641275
Conc: 4.93 ug/ml



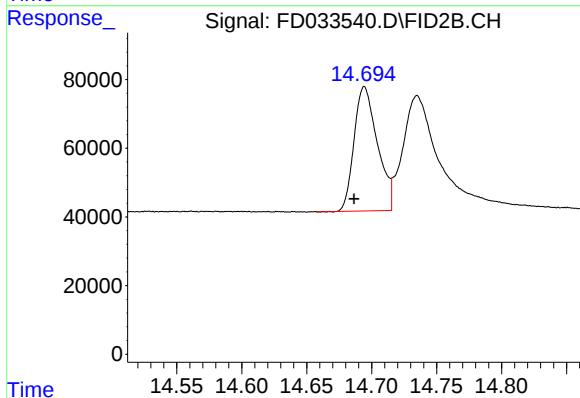
#12 Fluoranthene (C21.85)

R.T.: 12.527 min
Delta R.T.: 0.007 min
Response: 578906
Conc: 4.52 ug/ml



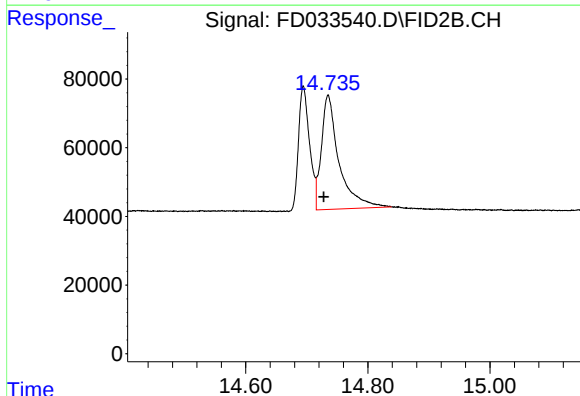
#13 Pyrene (C20.8)

R.T.: 12.822 min
Delta R.T.: 0.006 min
Response: 558031
Conc: 4.56 ug/ml



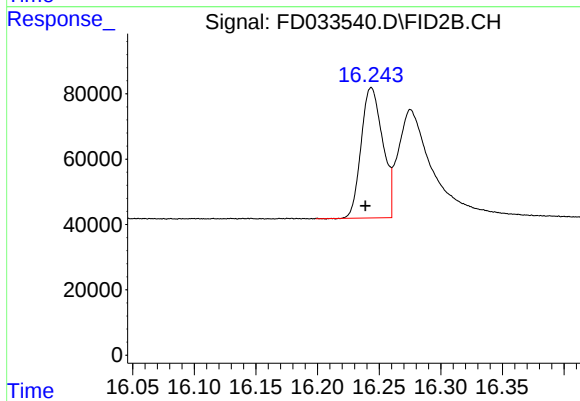
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.694 min
Delta R.T.: 0.008 min
Response: 451935
Conc: 3.89 ug/ml



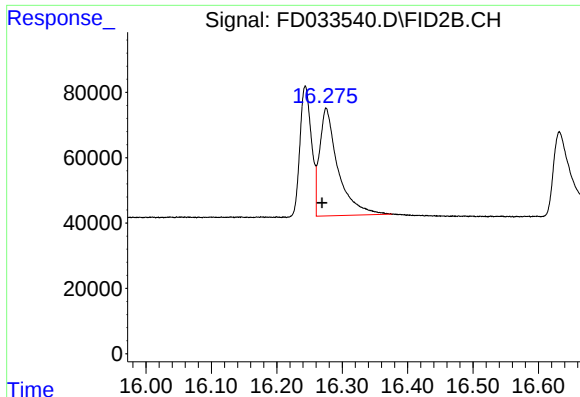
#15 Chrysene (C27.41)

R.T.: 14.735 min
Delta R.T.: 0.007 min
Response: 666251
Conc: 5.07 ug/ml



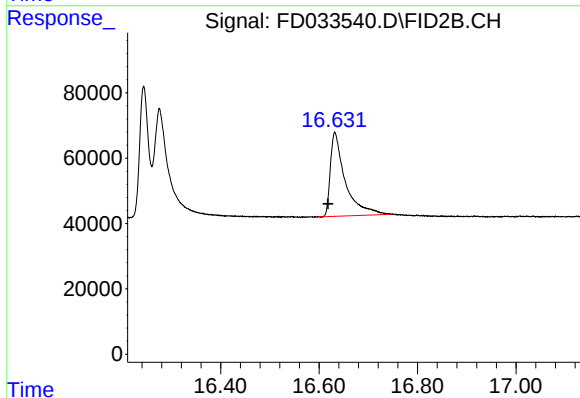
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.244 min
Delta R.T.: 0.005 min
Response: 485149
Conc: 4.12 ug/ml



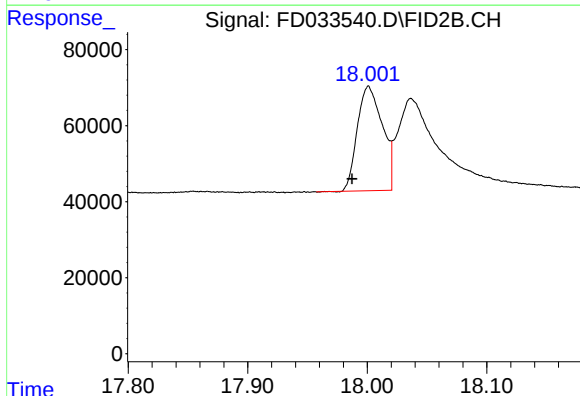
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.276 min
Delta R.T.: 0.006 min
Response: 646808
Conc: 5.16 ug/ml



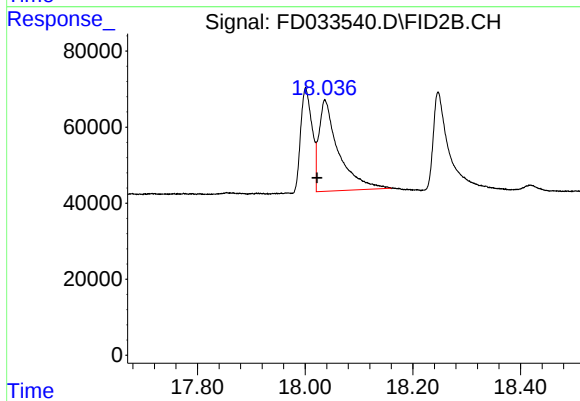
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.632 min
Delta R.T.: 0.014 min
Response: 539836
Conc: 4.50 ug/ml



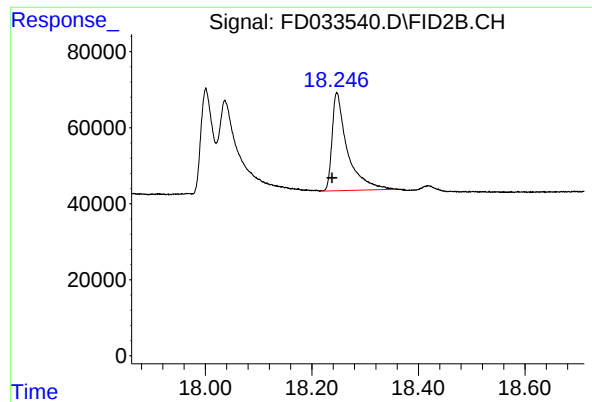
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.001 min
Delta R.T.: 0.014 min
Response: 400588
Conc: 3.89 ug/ml



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

R.T.: 18.037 min
Delta R.T.: 0.015 min
Response: 611038
Conc: 4.77 ug/ml



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

R.T.: 18.247 min
Delta R.T.: 0.009 min
Response: 512677
Conc: 4.45 ug/ml