

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072920AR\
 Data File : FD034230.D
 Signal(s) : FID2B.CH
 Acq On : 29 Jul 2020 20:36
 Operator : DD\AJ
 Sample : L3436-22
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 30 01:38:11 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 070820.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 08 06:32:19 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...	7.716	5643336	46.985 ug/ml
Spiked Amount 50.000		Recovery =	93.97%
6) S 2-Fluorobiphenyl (SURR)	8.585	3725894	43.959 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	87.92%
11) S ortho-Terphenyl (SURR)	11.624	3164939	23.393 ug/ml
Spiked Amount 50.000		Recovery =	46.79%
Target Compounds			
2) T Naphthalene (C11.7)	6.050	177744	1.283 ug/ml
3) T 2-Methylnaphthalene (...)	7.104	158350	1.137 ug/ml
5) T Acenaphthylene (C15.06)	8.383	162452	1.208 ug/ml
7) T Acenaphthene (C15.5)	8.679	235282	1.719 ug/ml
8) T Flouorene (C16.55)	9.458	519983	3.867 ug/ml
9) T Phenanthrene (C19.36)	10.862	1742273	13.037 ug/ml
10) T Anthracene (C19.43)	10.936	624074	4.703 ug/ml
12) T Fluoranthene (C21.85)	12.681	3014772	22.692 ug/ml
13) T Pyrene (C20.8)	12.979	2497552	19.266 ug/ml
14) T Benzo[a]anthracene (C...	14.850	1369461	11.001 ug/ml
15) T Chrysene (C27.41)	14.850	1369461	11.028 ug/ml
16) T benzo[b]fluoranthene ...	16.407	1531732	12.874 ug/ml
17) T Bnezo[k]fluoranthene ...	16.407	1531732	13.219 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.727	1009154	8.672 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.119	142817	1.283 ug/ml
20) T Dibenz[a,h]anthracene...	18.152	955889	8.651 ug/ml
21) T Benzo[g,h,i]perylene ...	18.346	81599	0.739 ug/ml

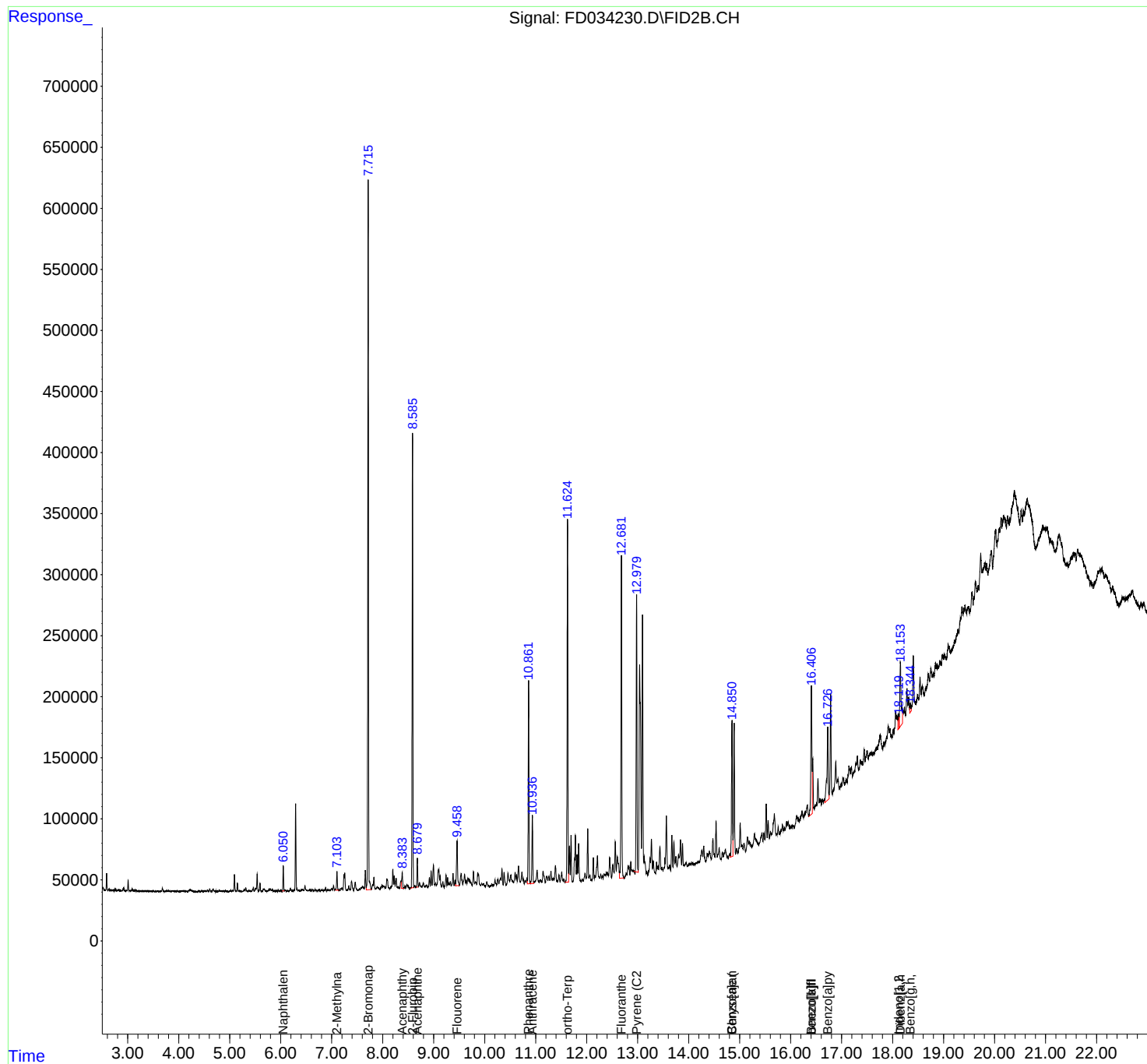
(f)=RT Delta > 1/2 Window

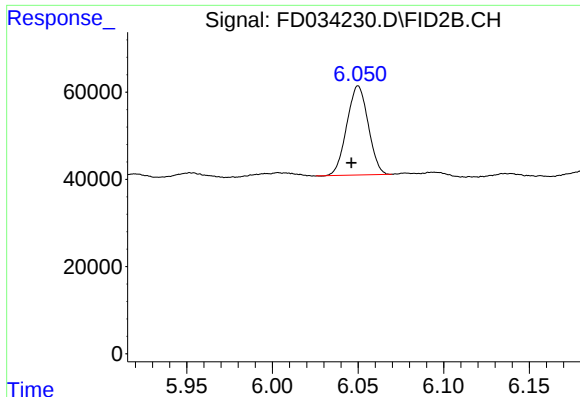
(m)=manual int.

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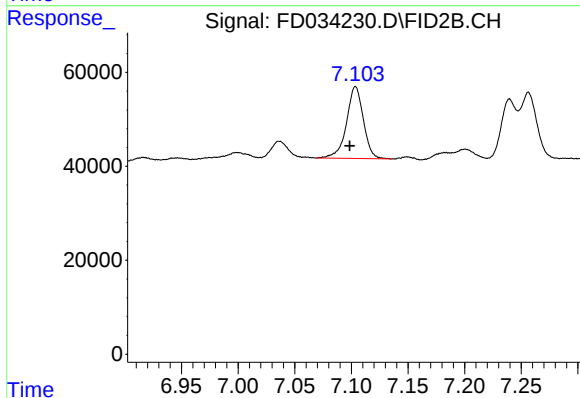
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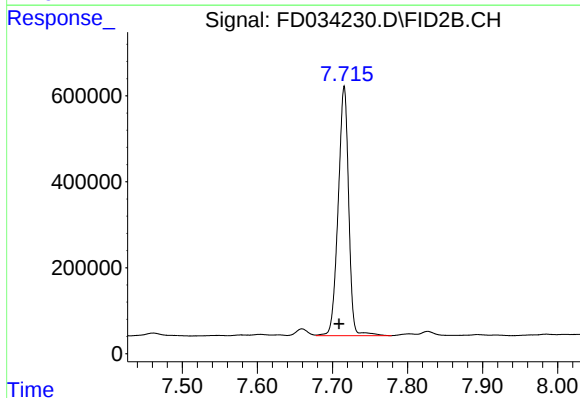
#2 Naphthalene (C11.7)

R.T.: 6.050 min
Delta R.T.: 0.004 min
Response: 177744
Conc: 1.28 ug/ml



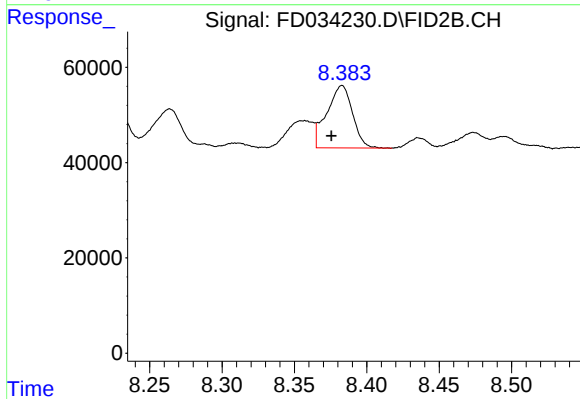
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.104 min
Delta R.T.: 0.005 min
Response: 158350
Conc: 1.14 ug/ml



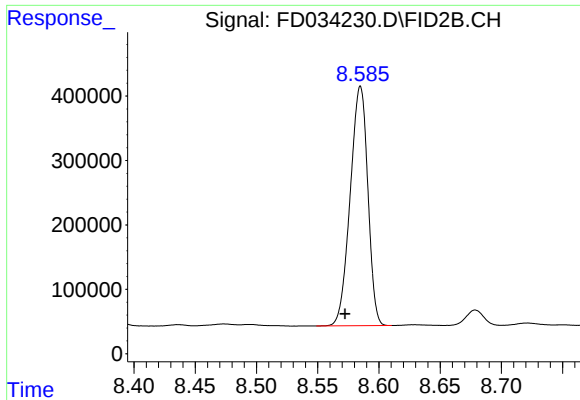
#4 2-Bromonaphthalene (SURR)

R.T.: 7.716 min
Delta R.T.: 0.007 min
Response: 5643336
Conc: 46.98 ug/ml



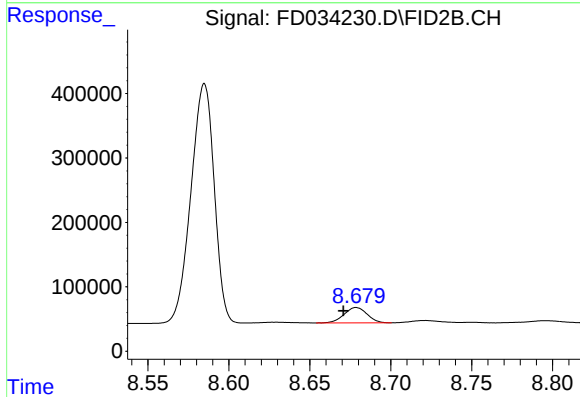
#5 Acenaphthylene (C15.06)

R.T.: 8.383 min
Delta R.T.: 0.007 min
Response: 162452
Conc: 1.21 ug/ml



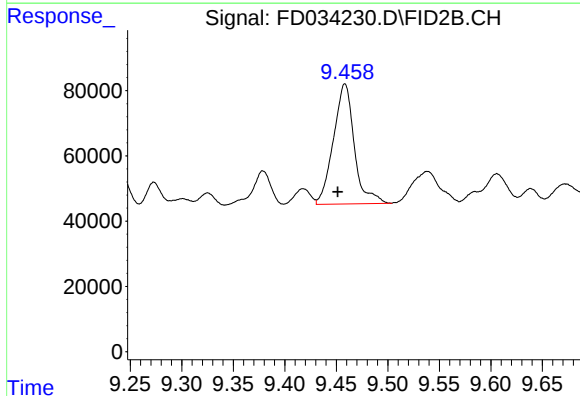
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.585 min
Delta R.T.: 0.013 min
Response: 3725894
Conc: 43.96 ug/ml



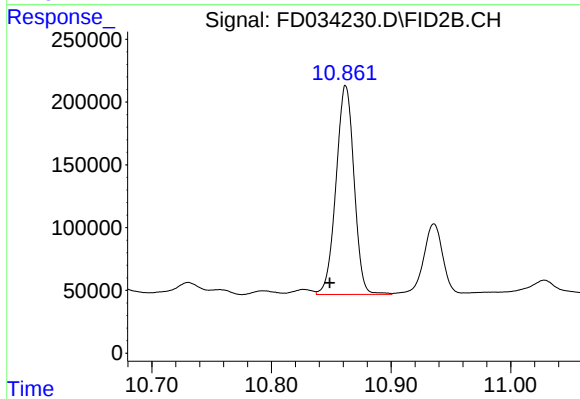
#7 Acenaphthene (C15.5)

R.T.: 8.679 min
Delta R.T.: 0.008 min
Response: 235282
Conc: 1.72 ug/ml



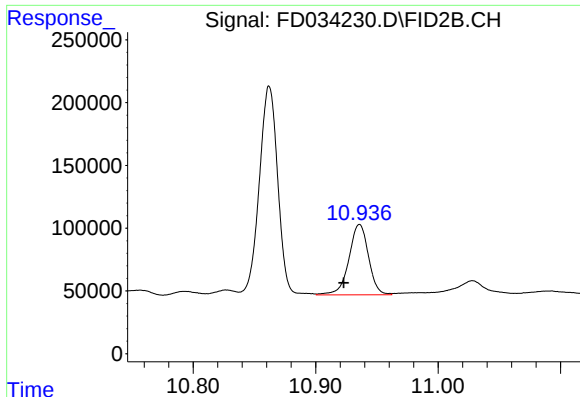
#8 Flouorene (C16.55)

R.T.: 9.458 min
Delta R.T.: 0.007 min
Response: 519983
Conc: 3.87 ug/ml



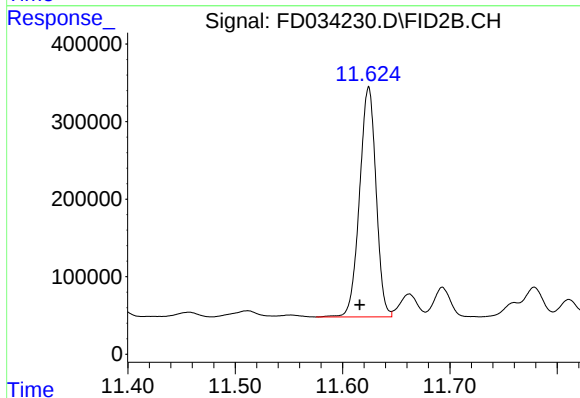
#9 Phenanthrene (C19.36)

R.T.: 10.862 min
Delta R.T.: 0.013 min
Response: 1742273
Conc: 13.04 ug/ml



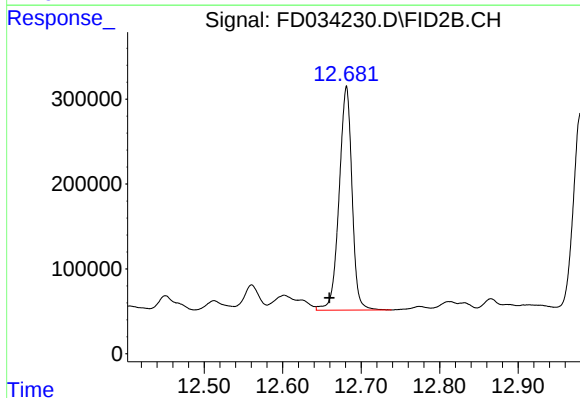
#10 Anthracene (C19.43)

R.T.: 10.936 min
Delta R.T.: 0.013 min
Response: 624074
Conc: 4.70 ug/ml



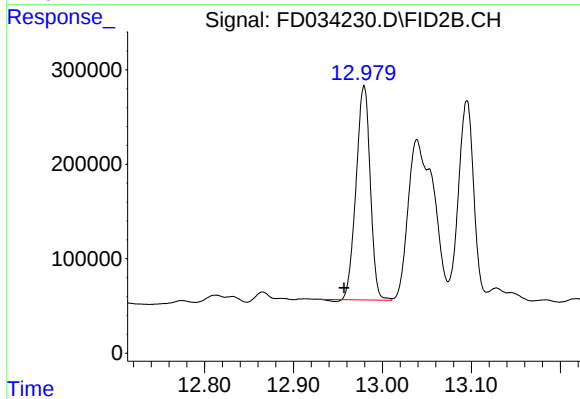
#11 ortho-Terphenyl (SURR)

R.T.: 11.624 min
Delta R.T.: 0.008 min
Response: 3164939
Conc: 23.39 ug/ml



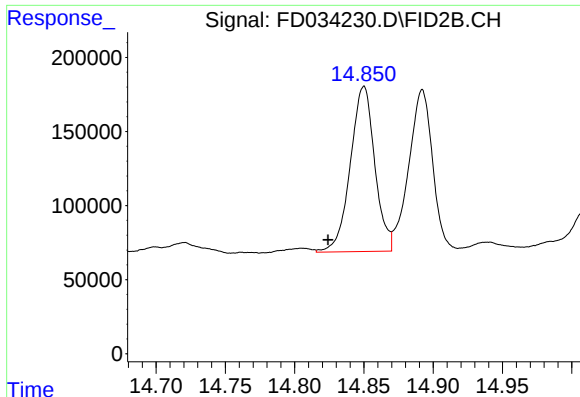
#12 Fluoranthene (C21.85)

R.T.: 12.681 min
Delta R.T.: 0.022 min
Response: 3014772
Conc: 22.69 ug/ml



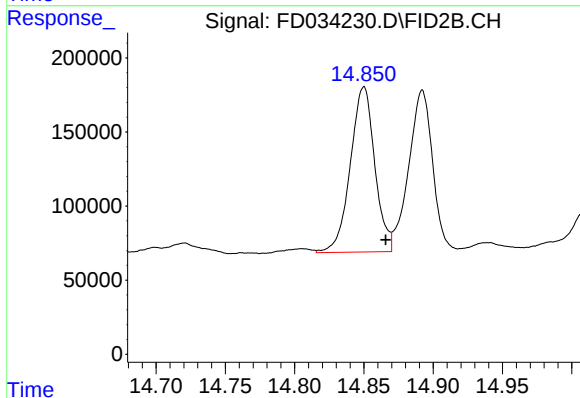
#13 Pyrene (C20.8)

R.T.: 12.979 min
Delta R.T.: 0.023 min
Response: 2497552
Conc: 19.27 ug/ml



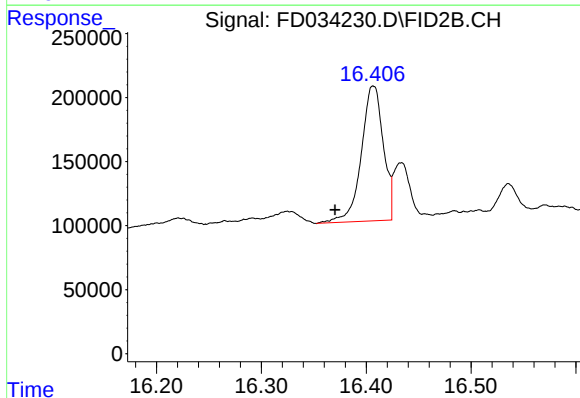
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.850 min
Delta R.T.: 0.026 min
Response: 1369461
Conc: 11.00 ug/ml



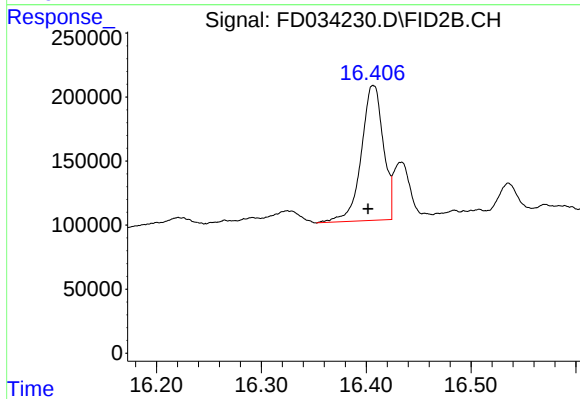
#15 Chrysene (C27.41)

R.T.: 14.850 min
Delta R.T.: -0.016 min
Response: 1369461
Conc: 11.03 ug/ml



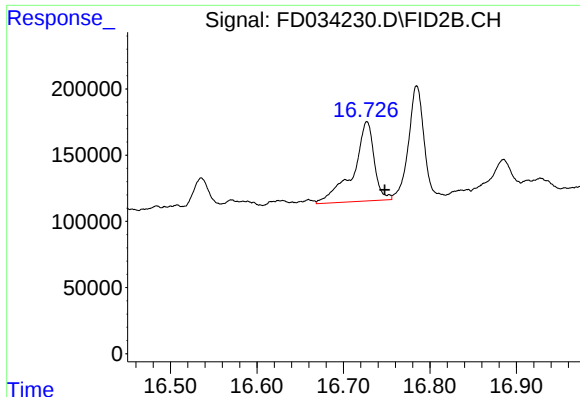
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.407 min
Delta R.T.: 0.036 min
Response: 1531732
Conc: 12.87 ug/ml



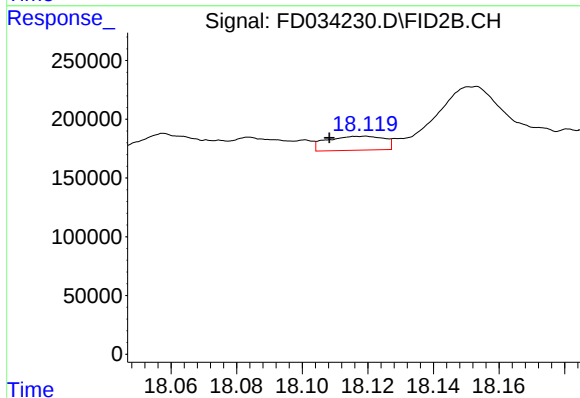
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.407 min
Delta R.T.: 0.005 min
Response: 1531732
Conc: 13.22 ug/ml



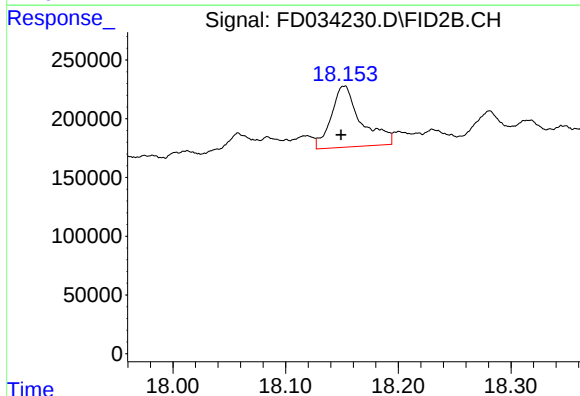
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.727 min
Delta R.T.: -0.020 min
Response: 1009154
Conc: 8.67 ug/ml



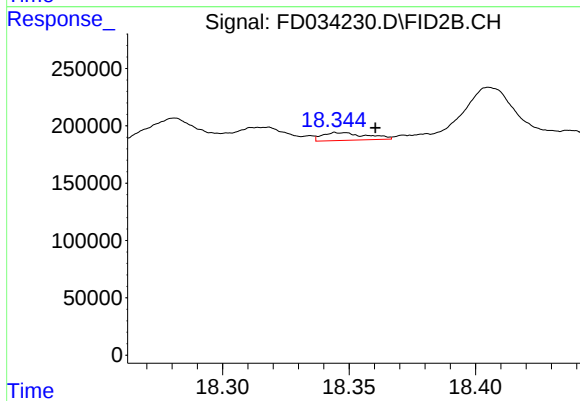
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.119 min
Delta R.T.: 0.010 min
Response: 142817
Conc: 1.28 ug/ml



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

R.T.: 18.152 min
Delta R.T.: 0.003 min
Response: 955889
Conc: 8.65 ug/ml



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

R.T.: 18.346 min
Delta R.T.: -0.014 min
Response: 81599
Conc: 0.74 ug/ml