

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122021AR\
 Data File : FD040075.D
 Signal(s) : FID2B.CH
 Acq On : 21 Dec 2021 7:00
 Operator : AJ\MA
 Sample : M5142-01
 Misc :
 ALS Vial : 80 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 21 08:08:49 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 122021.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 21 03:16:39 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...	6.852	7134776	53.461 ug/ml
Spiked Amount 50.000		Recovery =	106.92%
6) S 2-Fluorobiphenyl (SURR)	7.705	4900553	54.463 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	108.93%
11) S ortho-Terphenyl (SURR)	10.746	5707576	41.477 ug/ml
Spiked Amount 50.000		Recovery =	82.95%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.693	141602	0.978 ug/ml
2) T Naphthalene (C11.7)	5.196	88592	0.586 ug/ml
3) T 2-Methylnaphthalene (...)	6.240	68202	0.450 ug/ml
7) T Acenaphthene (C15.5)	7.800	39257	0.268 ug/ml
8) T Flouorene (C16.55)	8.577	95150	0.663 ug/ml
9) T Phenanthrene (C19.36)	9.966	522327	3.743 ug/ml
10) T Anthracene (C19.43)	10.039	131617	0.982 ug/ml
12) T Fluoranthene (C21.85)	11.772	733040	5.409 ug/ml
13) T Pyrene (C20.8)	12.066	703132	5.345 ug/ml
14) T Benzo[a]anthracene (C...	13.933	335271	2.778 ug/ml
15) T Chrysene (C27.41)	13.974	373844	2.969 ug/ml
16) T benzo[b]fluoranthene ...	15.484	682640	5.545 ug/ml
17) T Bnezo[k]fluoranthene ...	15.484	682640	5.599 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.857	443365	3.680 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.217	288851	2.447 ug/ml
20) T Dibenz[a,h]anthracene...	17.217	288851	2.492 ug/ml
21) T Benzo[g,h,i]perylene ...	17.473	315072	2.610 ug/ml

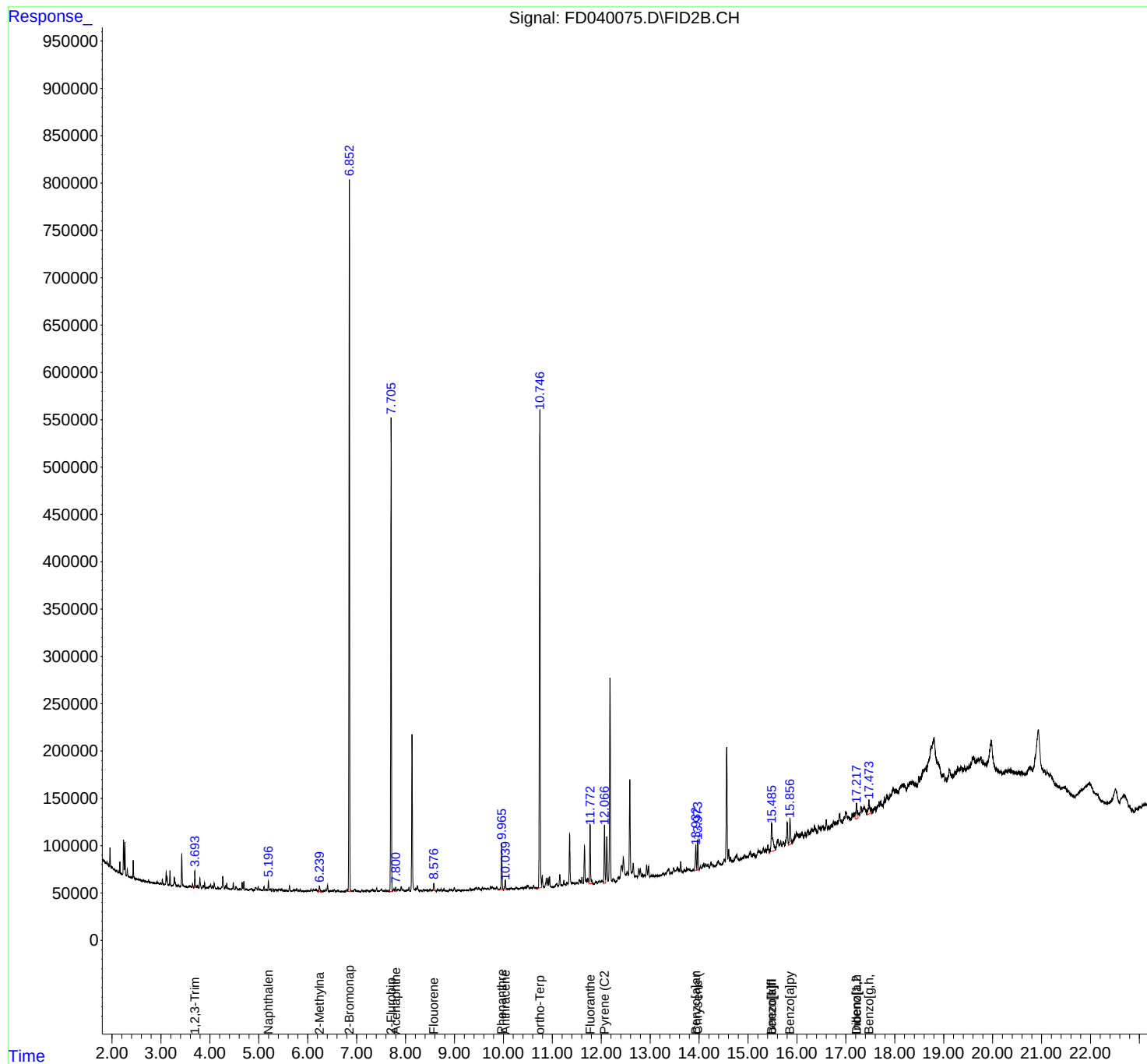
(f)=RT Delta > 1/2 Window

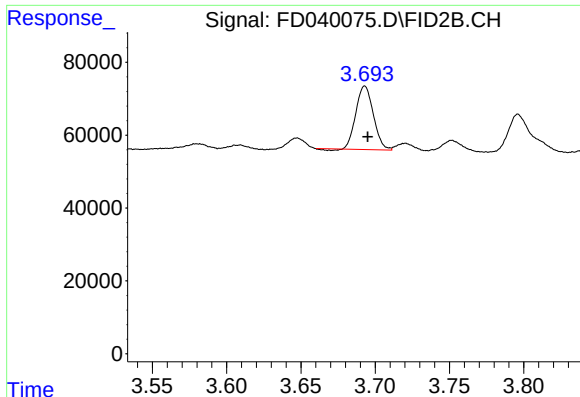
(m)=manual int.

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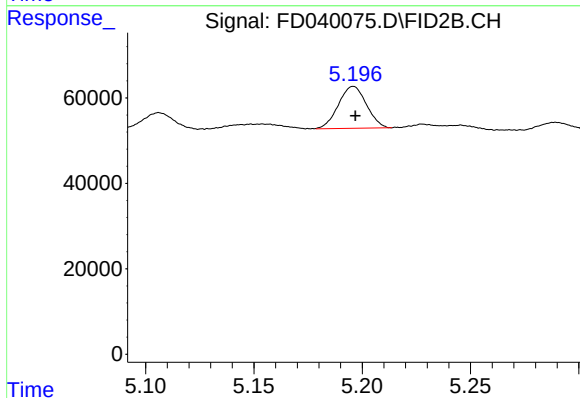
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Signal Info : 20M x 0.18mm x 0.18µm





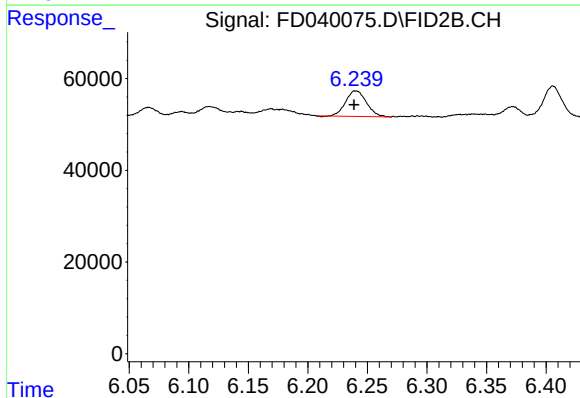
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.693 min
Delta R.T.: -0.002 min
Response: 141602
Conc: 0.98 ug/ml



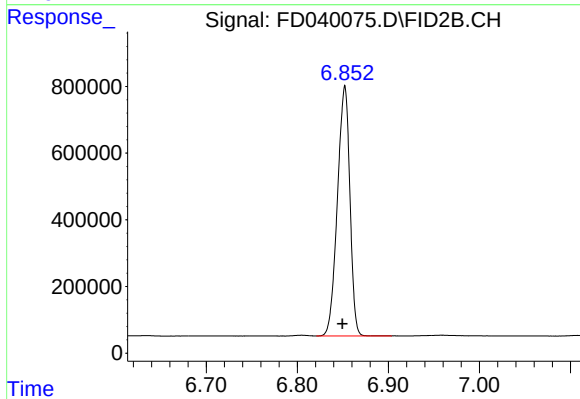
#2 Naphthalene (C11.7)

R.T.: 5.196 min
Delta R.T.: 0.000 min
Response: 88592
Conc: 0.59 ug/ml



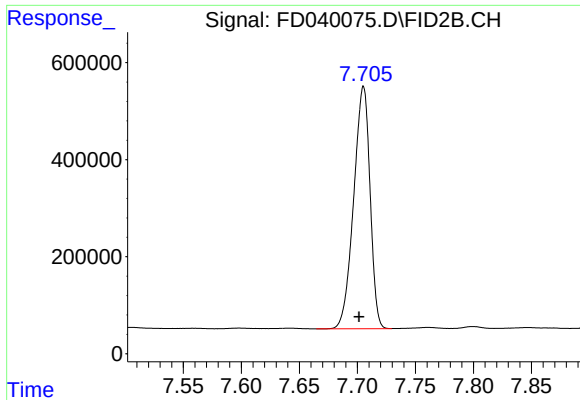
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.240 min
Delta R.T.: 0.000 min
Response: 68202
Conc: 0.45 ug/ml



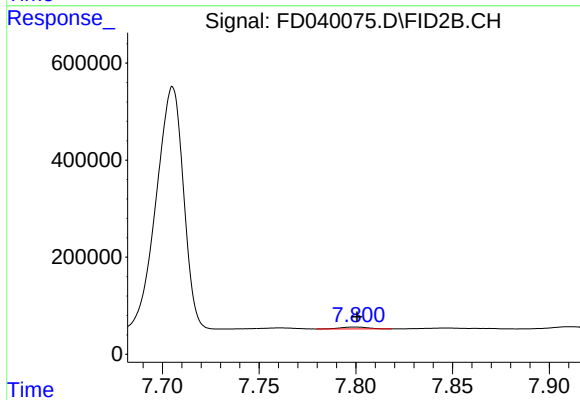
#4 2-Bromonaphthalene (SURR)

R.T.: 6.852 min
Delta R.T.: 0.003 min
Response: 7134776
Conc: 53.46 ug/ml



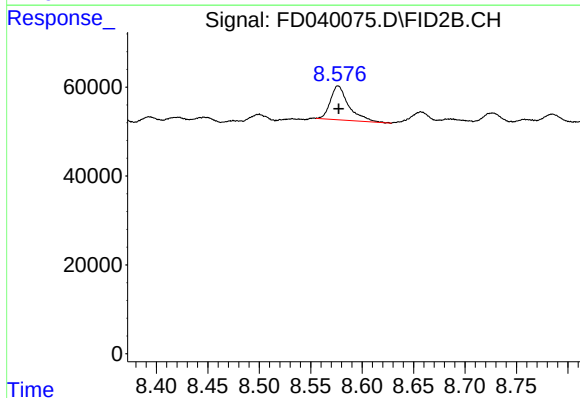
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.705 min
Delta R.T.: 0.004 min
Response: 4900553
Conc: 54.46 ug/ml



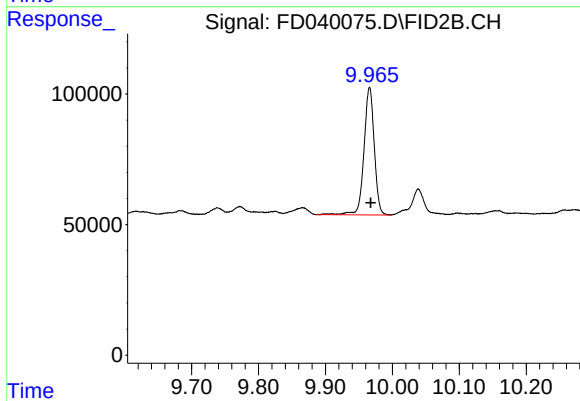
#7 Acenaphthene (C15.5)

R.T.: 7.800 min
Delta R.T.: 0.000 min
Response: 39257
Conc: 0.27 ug/ml



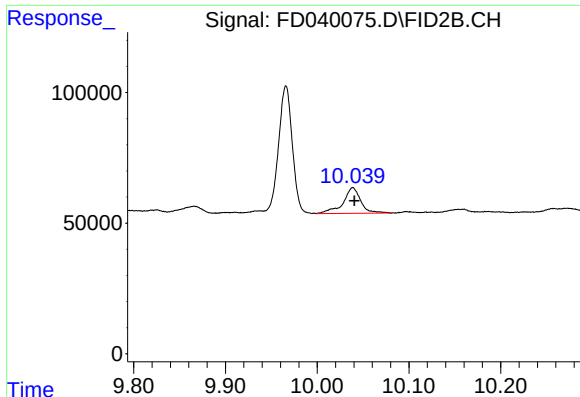
#8 Flouorene (C16.55)

R.T.: 8.577 min
Delta R.T.: 0.000 min
Response: 95150
Conc: 0.66 ug/ml



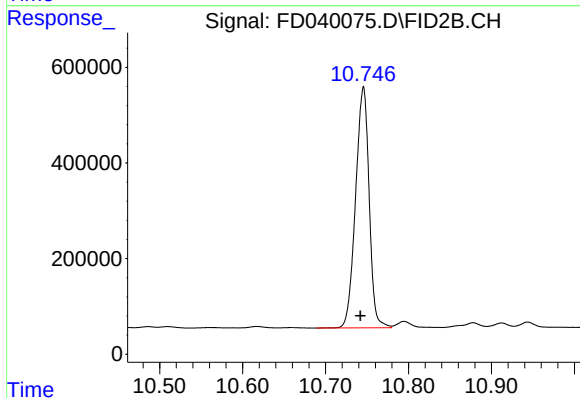
#9 Phenanthrene (C19.36)

R.T.: 9.966 min
Delta R.T.: -0.001 min
Response: 522327
Conc: 3.74 ug/ml



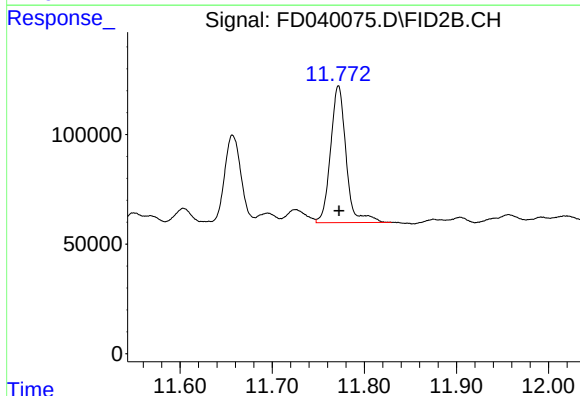
#10 Anthracene (C19.43)

R.T.: 10.039 min
Delta R.T.: -0.002 min
Response: 131617
Conc: 0.98 ug/ml



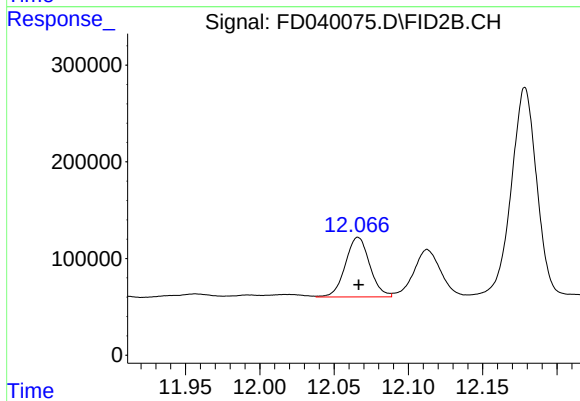
#11 ortho-Terphenyl (SURR)

R.T.: 10.746 min
Delta R.T.: 0.004 min
Response: 5707576
Conc: 41.48 ug/ml



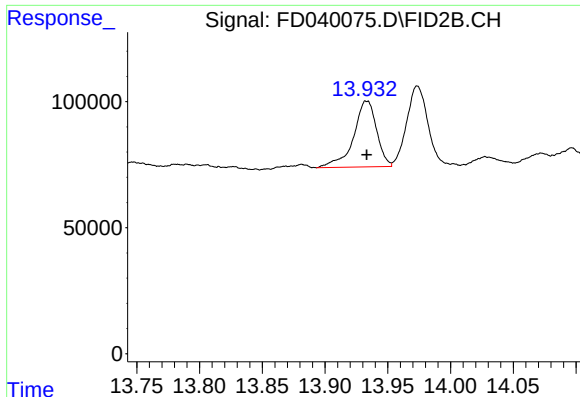
#12 Fluoranthene (C21.85)

R.T.: 11.772 min
Delta R.T.: 0.000 min
Response: 733040
Conc: 5.41 ug/ml



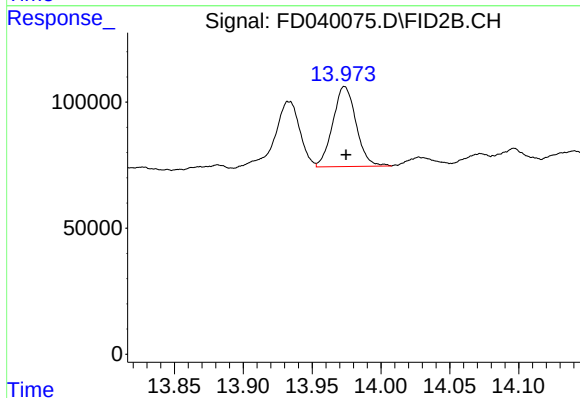
#13 Pyrene (C20.8)

R.T.: 12.066 min
Delta R.T.: 0.000 min
Response: 703132
Conc: 5.34 ug/ml



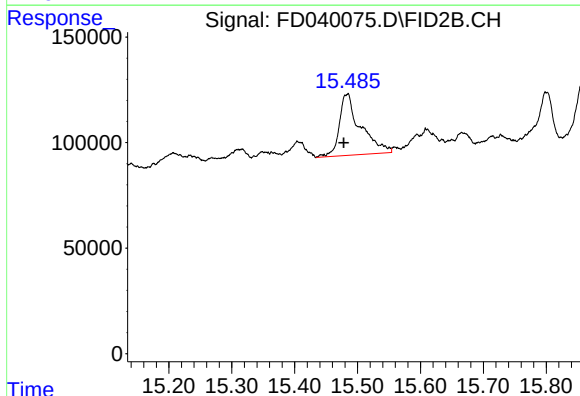
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.933 min
Delta R.T.: 0.000 min
Response: 335271
Conc: 2.78 ug/ml



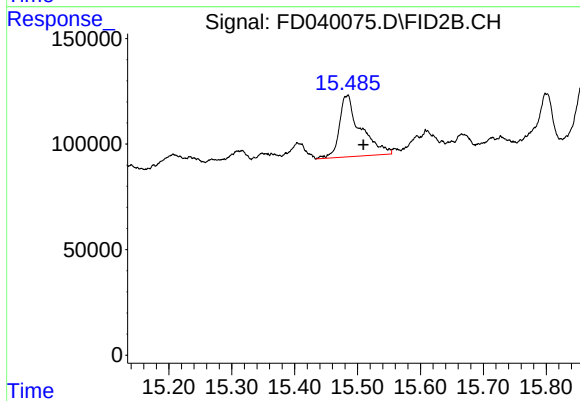
#15 Chrysene (C27.41)

R.T.: 13.974 min
Delta R.T.: -0.001 min
Response: 373844
Conc: 2.97 ug/ml



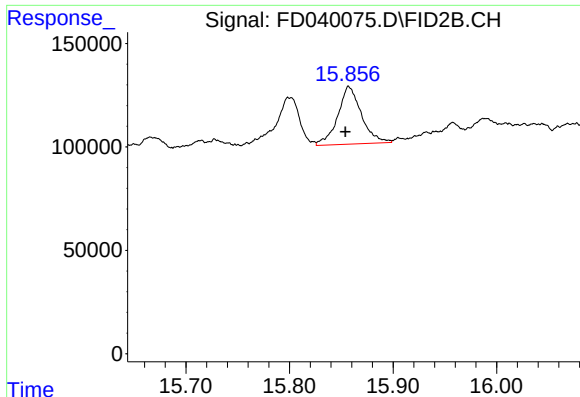
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.484 min
Delta R.T.: 0.007 min
Response: 682640
Conc: 5.54 ug/ml



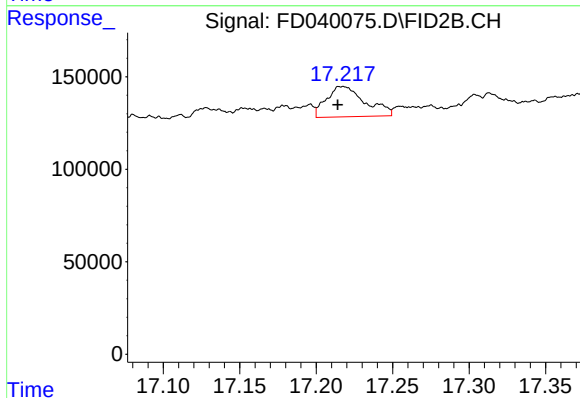
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.484 min
Delta R.T.: -0.025 min
Response: 682640
Conc: 5.60 ug/ml



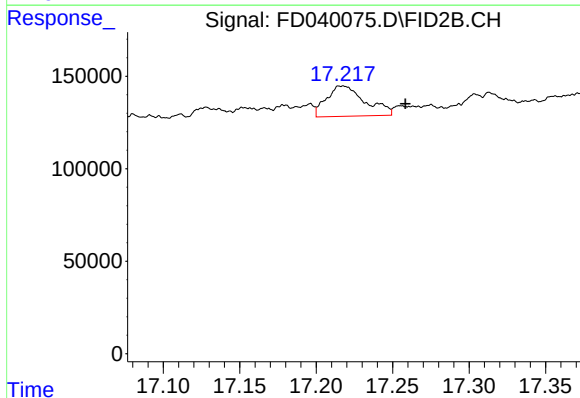
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.857 min
Delta R.T.: 0.003 min
Response: 443365
Conc: 3.68 ug/ml



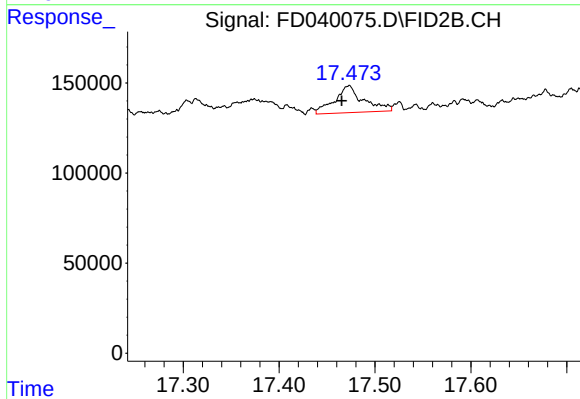
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.217 min
Delta R.T.: 0.003 min
Response: 288851
Conc: 2.45 ug/ml



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

R.T.: 17.217 min
Delta R.T.: -0.042 min
Response: 288851
Conc: 2.49 ug/ml



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

R.T.: 17.473 min
Delta R.T.: 0.007 min
Response: 315072
Conc: 2.61 ug/ml