

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082321AR\
 Data File : FD038688.D
 Signal(s) : FID2B.CH
 Acq On : 23 Aug 2021 14:26
 Operator : AJ\MA
 Sample : PB138603BS
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 24 01:46:34 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 080321.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 04 10:56:27 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...	7.464	5817316	45.902 ug/ml
Spiked Amount 50.000		Recovery =	91.80%
6) S 2-Fluorobiphenyl (SURR)	8.324	3843956	44.273 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	88.55%
11) S ortho-Terphenyl (SURR)	11.360	6008275	41.885 ug/ml
Spiked Amount 50.000		Recovery =	83.77%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.274	6775088	48.310 ug/ml
2) T Naphthalene (C11.7)	5.804	6881844	47.256 ug/ml
3) T 2-Methylnaphthalene (...)	6.855	6679836	46.061 ug/ml
5) T Acenaphthylene (C15.06)	8.126	6300214	43.636 ug/ml
7) T Acenaphthene (C15.5)	8.421	6538848	43.684 ug/ml
8) T Fluorene (C16.55)	9.202	6124795	42.983 ug/ml
9) T Phenanthrene (C19.36)	10.596	5705155	40.419 ug/ml
10) T Anthracene (C19.43)	10.672	5385435	39.394 ug/ml
12) T Fluoranthene (C21.85)	12.408	5295152	37.698 ug/ml
13) T Pyrene (C20.8)	12.704	5205393	37.159 ug/ml
14) T Benzo[a]anthracene (C...	14.579	4862063	37.972 ug/ml
15) T Chrysene (C27.41)	14.623	5118667	37.062 ug/ml
16) T benzo[b]fluoranthene ...	16.135	5053936	40.415 ug/ml
17) T Bnezo[k]fluoranthene ...	16.169	5066654	38.432 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.515	4820718	40.336 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.888	4987354	45.266 ug/ml
20) T Dibenz[a,h]anthracene...	17.923	5094341	41.387 ug/ml
21) T Benzo[g,h,i]perylene ...	18.145	5057849	44.155 ug/ml

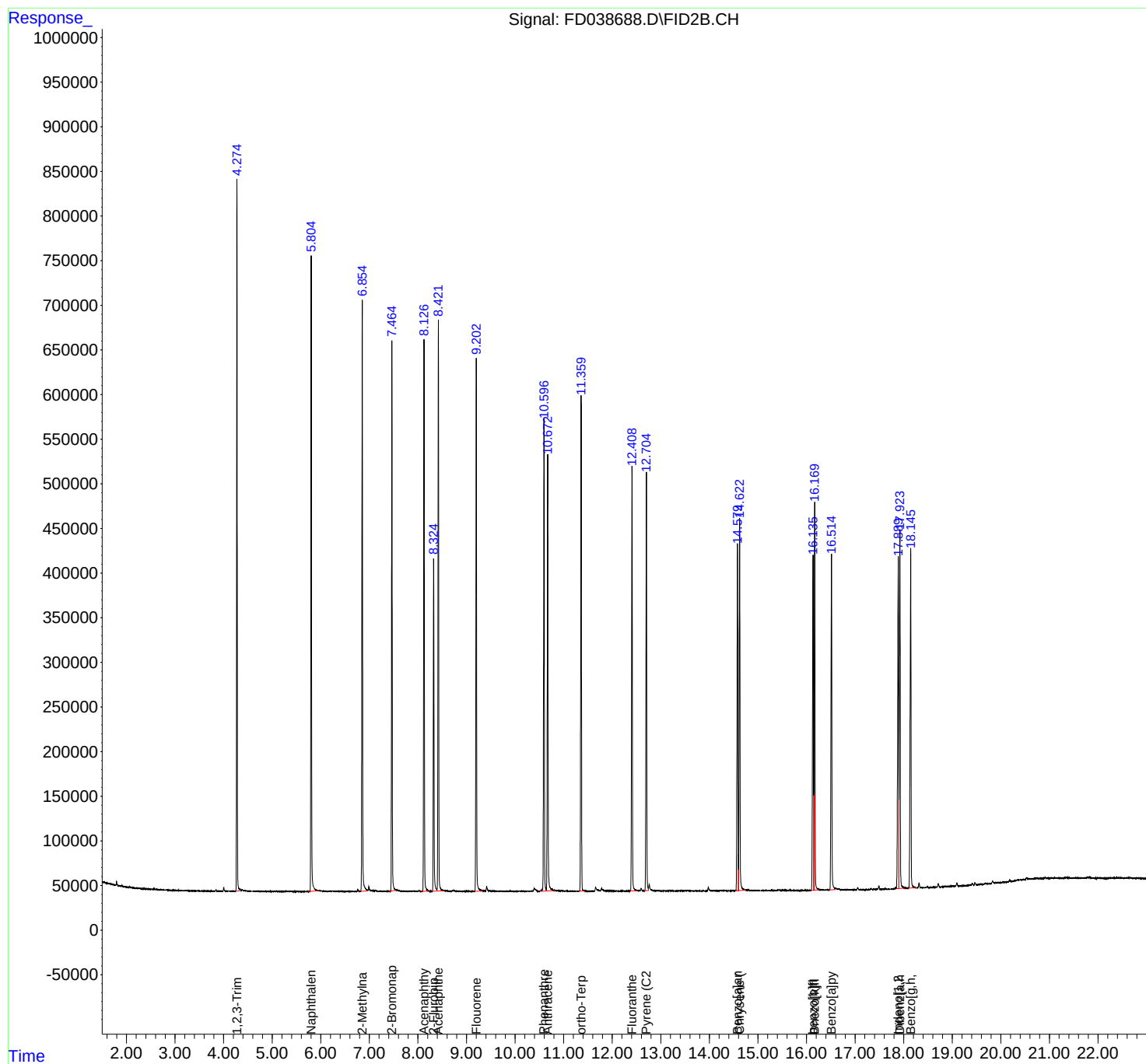
(f)=RT Delta > 1/2 Window

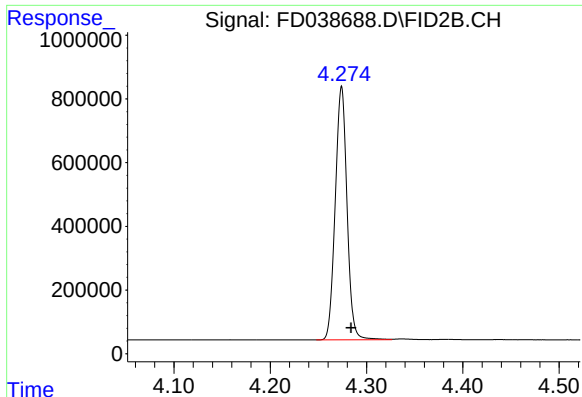
(m)=manual int.

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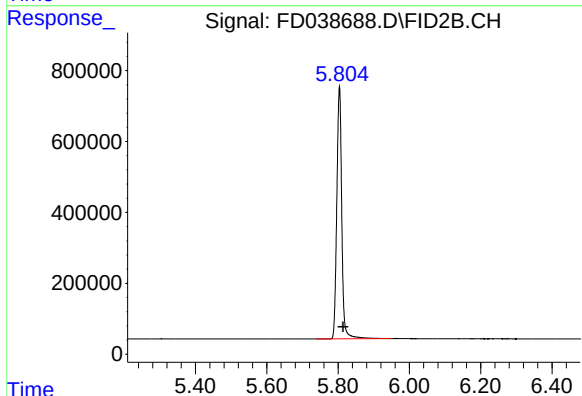
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Signal Info : 20M x 0.18mm x 0.18µm





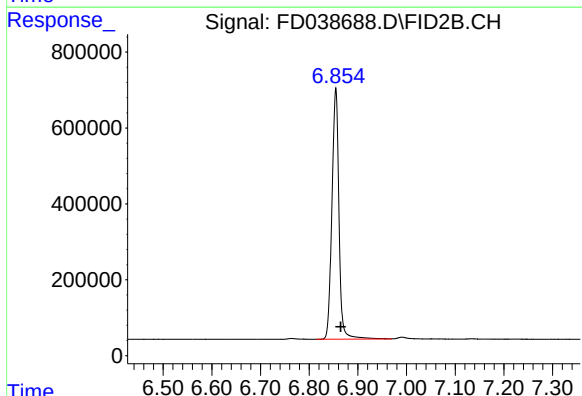
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.274 min
Delta R.T.: -0.010 min
Response: 6775088
Conc: 48.31 ug/ml



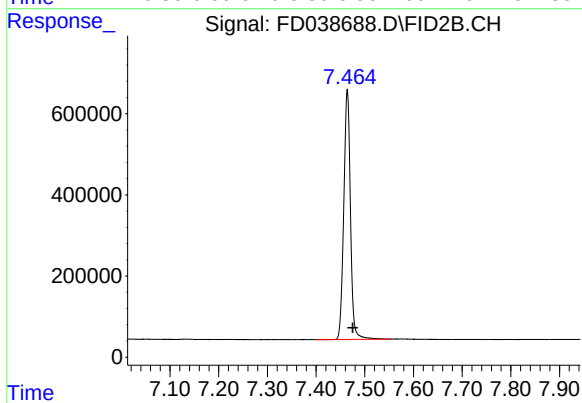
#2 Naphthalene (C11.7)

R.T.: 5.804 min
Delta R.T.: -0.010 min
Response: 6881844
Conc: 47.26 ug/ml



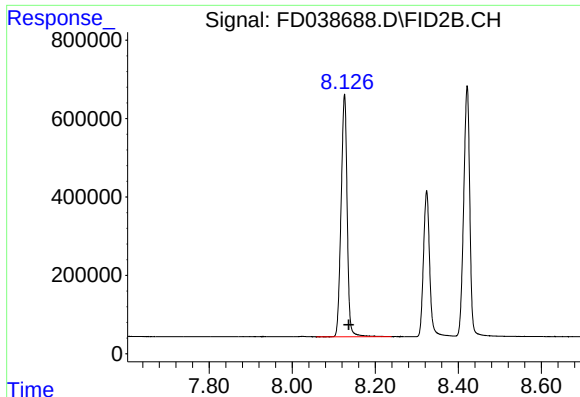
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.855 min
Delta R.T.: -0.010 min
Response: 6679836
Conc: 46.06 ug/ml



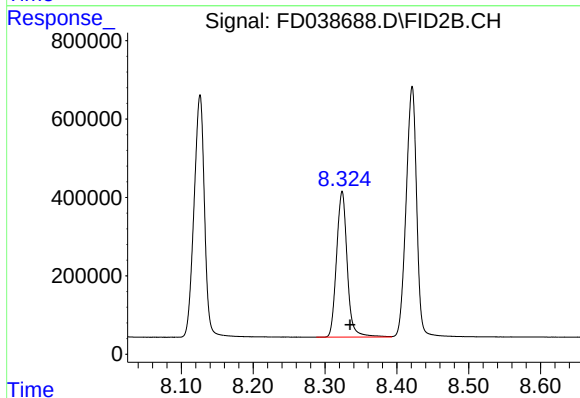
#4 2-Bromonaphthalene (SURR)

R.T.: 7.464 min
Delta R.T.: -0.011 min
Response: 5817316
Conc: 45.90 ug/ml



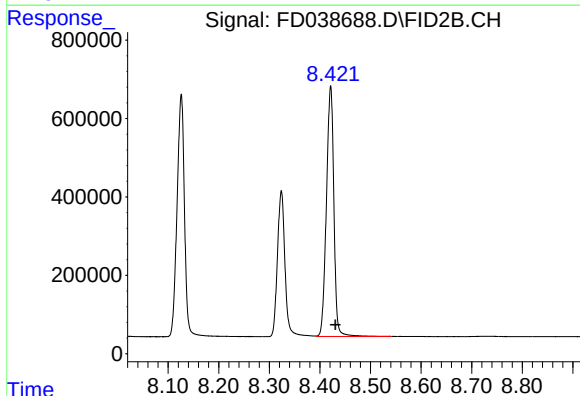
#5 Acenaphthylene (C15.06)

R.T.: 8.126 min
Delta R.T.: -0.010 min
Response: 6300214
Conc: 43.64 ug/ml



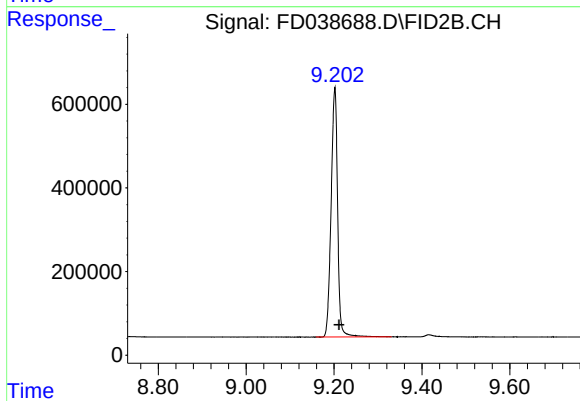
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.324 min
Delta R.T.: -0.011 min
Response: 3843956
Conc: 44.27 ug/ml



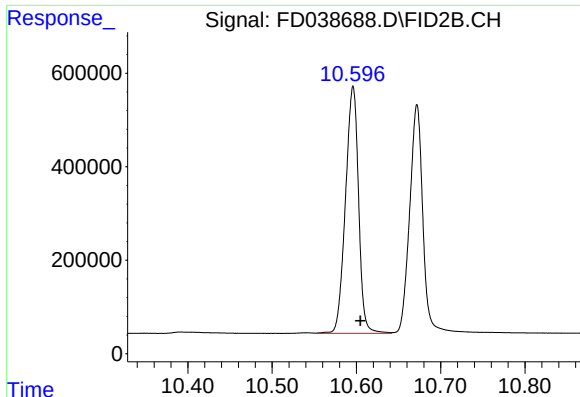
#7 Acenaphthene (C15.5)

R.T.: 8.421 min
Delta R.T.: -0.009 min
Response: 6538848
Conc: 43.68 ug/ml



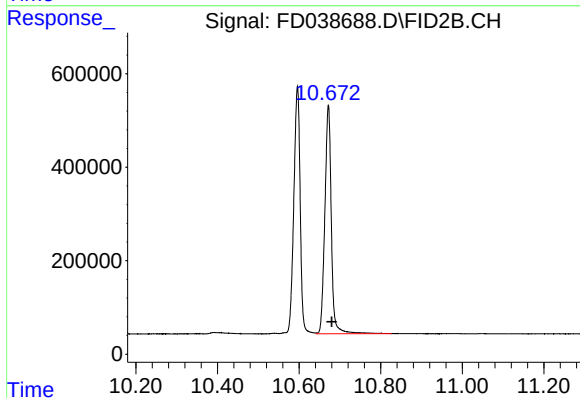
#8 Fluorene (C16.55)

R.T.: 9.202 min
Delta R.T.: -0.009 min
Response: 6124795
Conc: 42.98 ug/ml



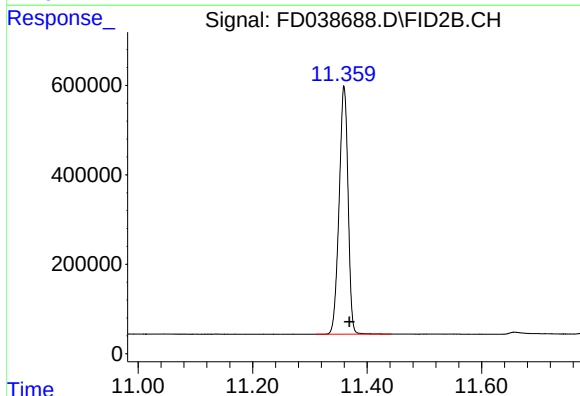
#9 Phenanthrene (C19.36)

R.T.: 10.596 min
Delta R.T.: -0.009 min
Response: 5705155
Conc: 40.42 ug/ml



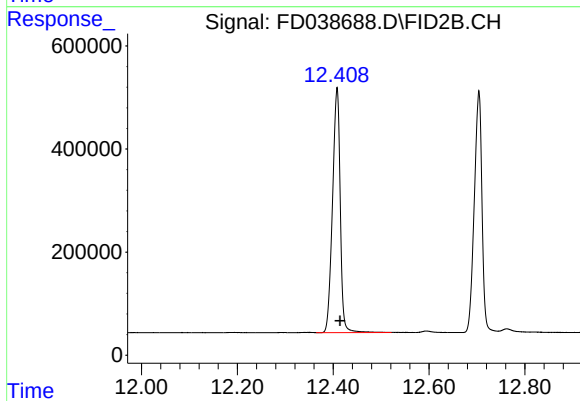
#10 Anthracene (C19.43)

R.T.: 10.672 min
Delta R.T.: -0.008 min
Response: 5385435
Conc: 39.39 ug/ml



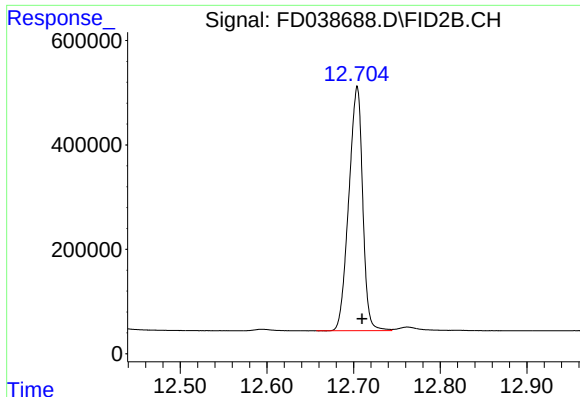
#11 ortho-Terphenyl (SURR)

R.T.: 11.360 min
Delta R.T.: -0.009 min
Response: 6008275
Conc: 41.88 ug/ml



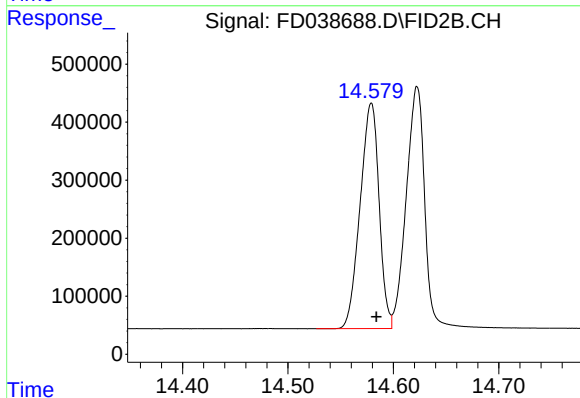
#12 Fluoranthene (C21.85)

R.T.: 12.408 min
Delta R.T.: -0.006 min
Response: 5295152
Conc: 37.70 ug/ml



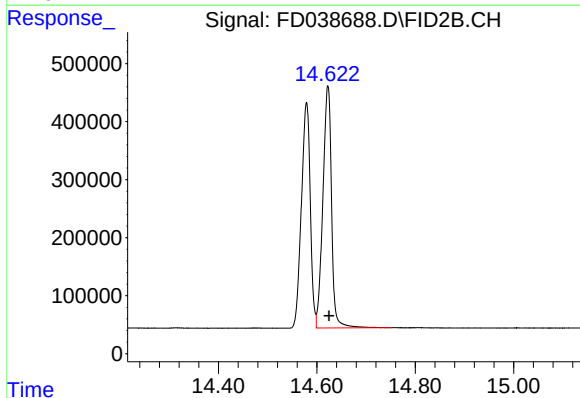
#13 Pyrene (C20.8)

R.T.: 12.704 min
Delta R.T.: -0.006 min
Response: 5205393
Conc: 37.16 ug/ml



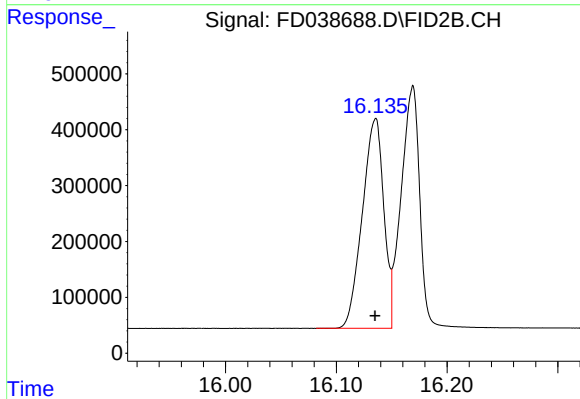
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.579 min
Delta R.T.: -0.005 min
Response: 4862063
Conc: 37.97 ug/ml



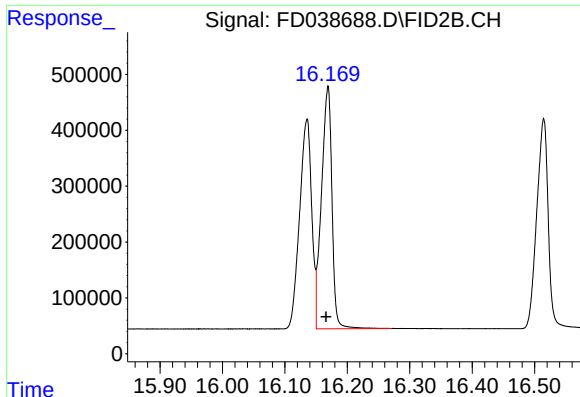
#15 Chrysene (C27.41)

R.T.: 14.623 min
Delta R.T.: -0.002 min
Response: 5118667
Conc: 37.06 ug/ml



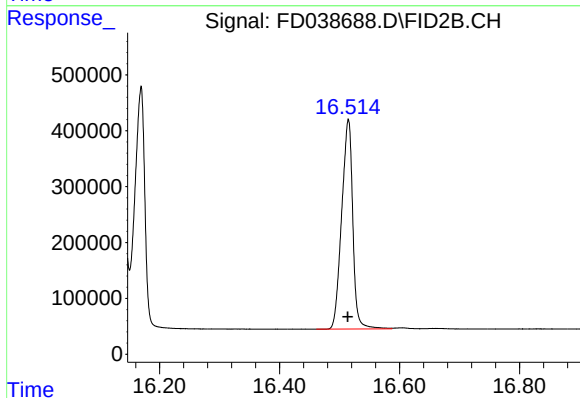
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.135 min
Delta R.T.: 0.000 min
Response: 5053936
Conc: 40.42 ug/ml



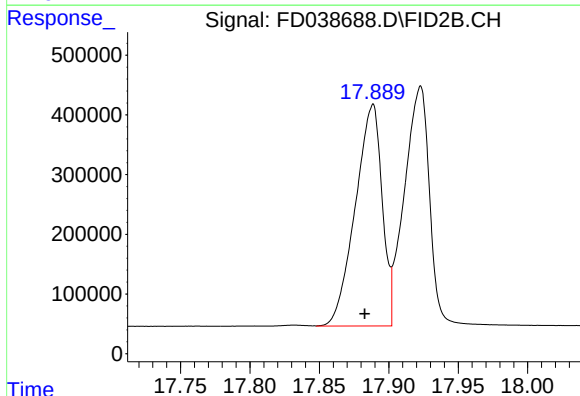
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.169 min
Delta R.T.: 0.003 min
Response: 5066654
Conc: 38.43 ug/ml



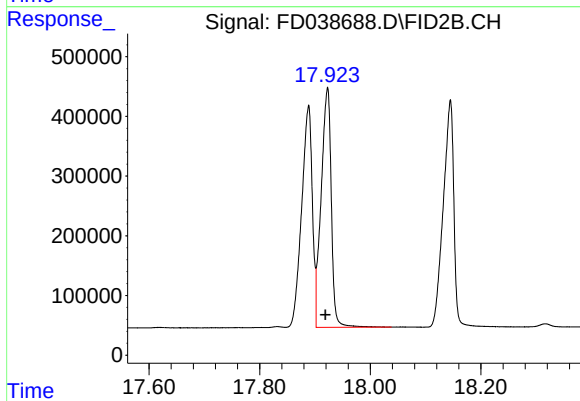
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.515 min
Delta R.T.: 0.001 min
Response: 4820718
Conc: 40.34 ug/ml



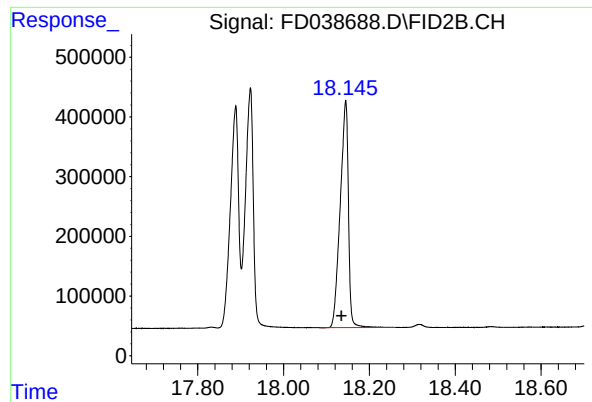
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.888 min
Delta R.T.: 0.006 min
Response: 4987354
Conc: 45.27 ug/ml



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

R.T.: 17.923 min
Delta R.T.: 0.004 min
Response: 5094341
Conc: 41.39 ug/ml



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

R.T.: 18.145 min
Delta R.T.: 0.010 min
Response: 5057849
Conc: 44.15 ug/ml