

Data Path : P:\HPCHEM1\FID D\Data\FD041918AR\
 Data File : FD023114.D
 Signal(s) : FID2B.CH
 Acq On : 19 Apr 2018 9:56
 Operator : UA/AJ
 Sample : J2407-03
 Misc :
 ALS Vial : 85 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 19 10:59:14 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 041618.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 17 11:02:32 2018
 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...	7.290	5175454	38.162 ug/ml
Spiked Amount 50.000		Recovery =	76.32%
6) S 2-Fluorobiphenyl (SURR)	8.150	3165108	44.412 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	88.82%
11) S ortho-Terphenyl (SURR)	11.171	2949534	21.097 ug/ml
Spiked Amount 50.000		Recovery =	42.19%
Target Compounds			
2) T Naphthalene (C11.7)	5.685	115275	0.842 ug/ml
3) T 2-Methylnaphthalene (...)	6.733	77776	0.570 ug/ml
5) T Acenaphthylene (C15.06)	7.976	158879	1.087 ug/ml
7) T Acenaphthene (C15.5)	8.254	415530	2.460 ug/ml
8) T Fluorene (C16.55)	9.056	150397	1.050 ug/ml
9) T Phenanthrene (C19.36)	10.418	1994081	15.024 ug/ml
10) T Anthracene (C19.43)	10.516	623807	4.458 ug/ml
12) T Fluoranthene (C21.85)	12.225	2964039	21.579 ug/ml
13) T Pyrene (C20.8)	12.518	2788692	19.756 ug/ml
14) T Benzo[a]anthracene (C...	14.421	8971891	72.218 ug/ml
15) T Chrysene (C27.41)	14.421	8971891	57.950 ug/ml
16) T benzo[b]fluoranthene ...	15.962	2371728	17.594 ug/ml
17) T Benzo[k]fluoranthene ...	16.002	960245	5.819 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.350	1095759	7.601 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.738	1479048	11.398 ug/ml
20) T Dibenz[a,h]anthracene...	17.738	1479048	8.892 ug/ml
21) T Benzo[a,h,i]perylene ...	17.986	965668	6.515 ug/ml

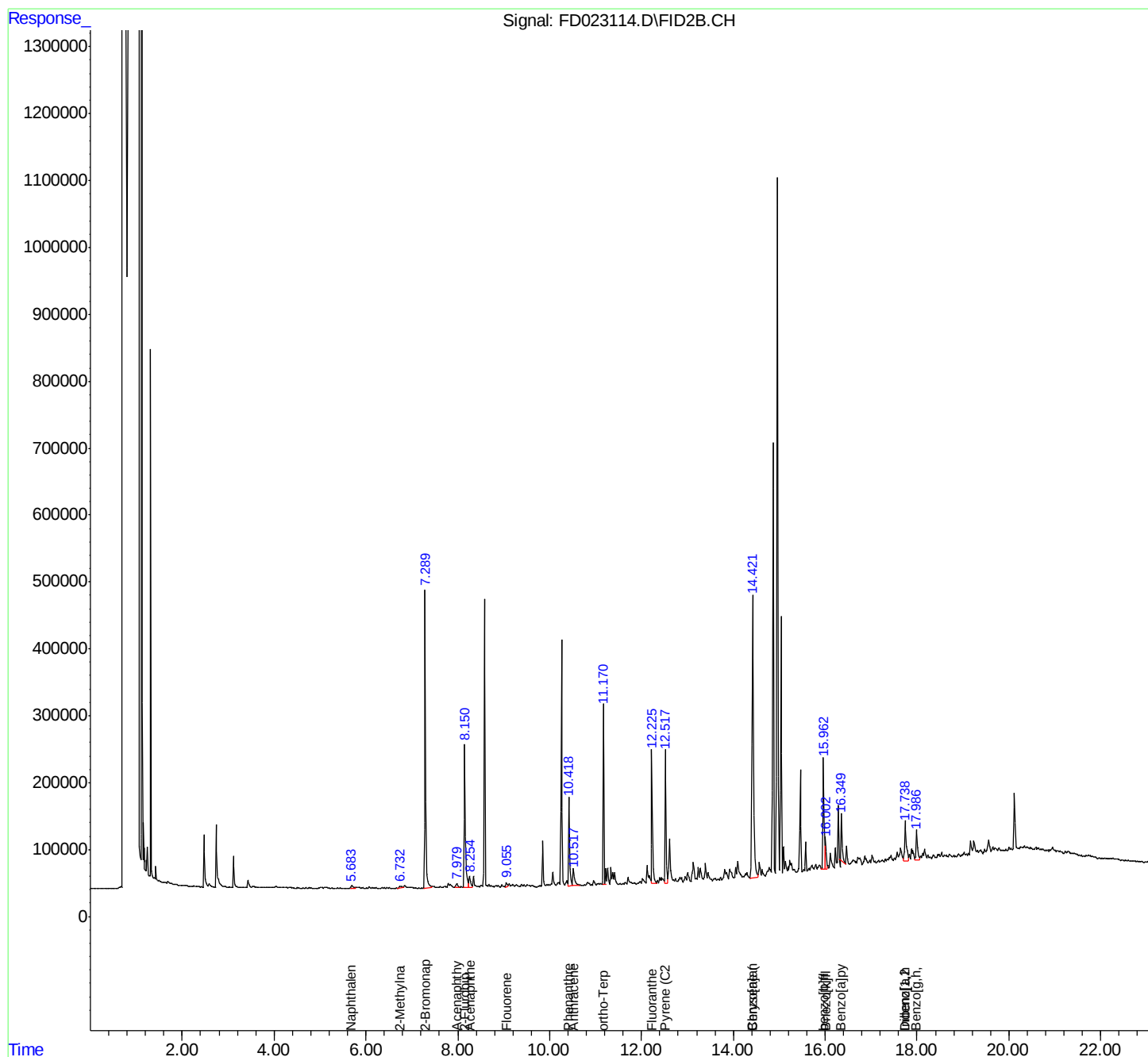
(f)=RT Delta > 1/2 Window

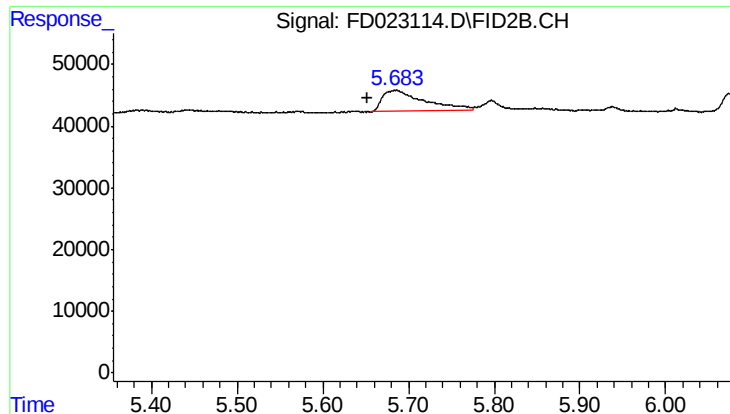
(m)=manual int.

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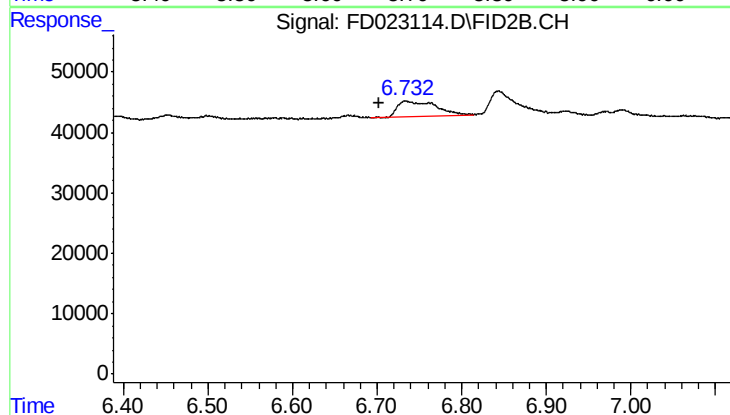
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Signal Info : 20M x 0.18mm x 0.18µm





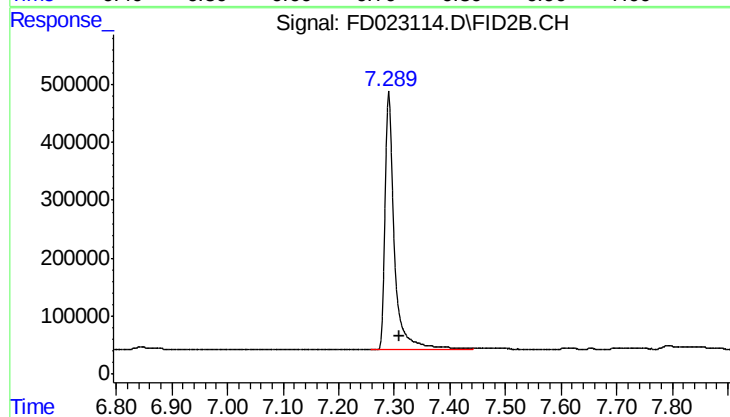
#2 Naphthalene (C11.7)

R.T.: 5.685 min
Delta R.T.: 0.032 min
Response: 115275
Conc: 0.84 ug/ml



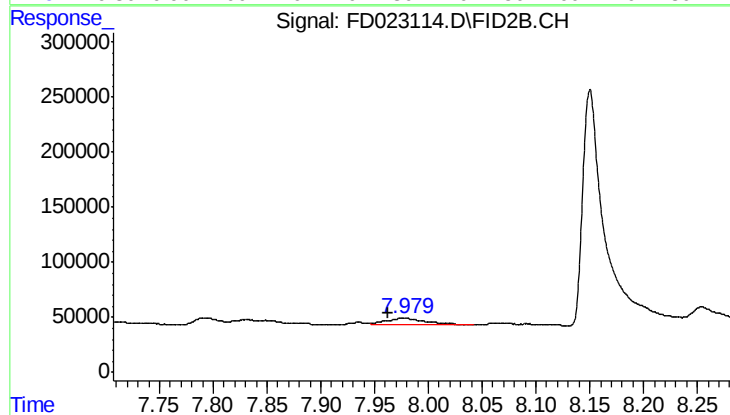
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.733 min
Delta R.T.: 0.031 min
Response: 77776
Conc: 0.57 ug/ml



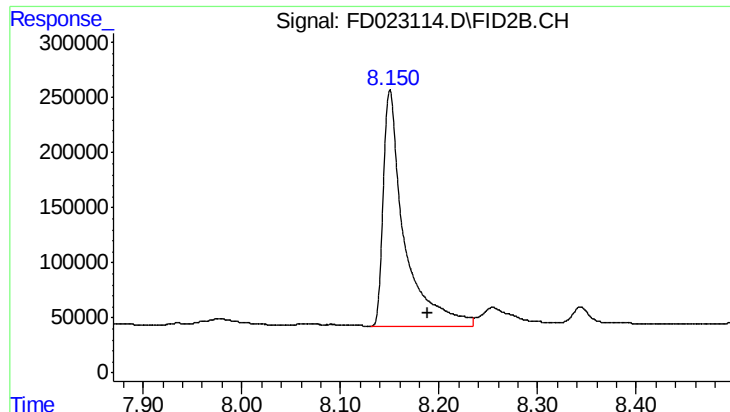
#4 2-Bromonaphthalene (SURR)

R.T.: 7.290 min
Delta R.T.: -0.020 min
Response: 5175454
Conc: 38.16 ug/ml



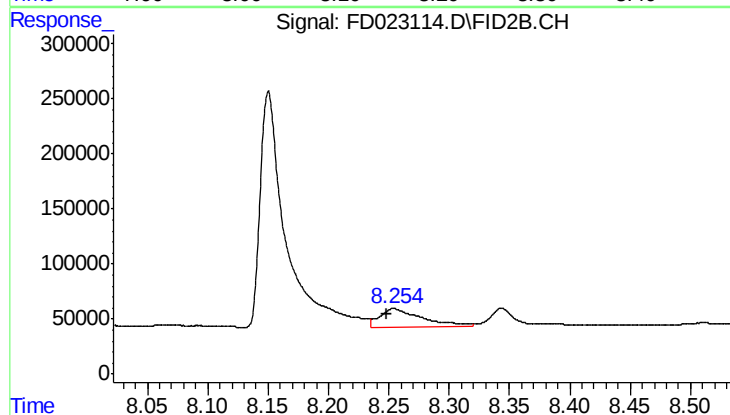
#5 Acenaphthylene (C15.06)

R.T.: 7.976 min
Delta R.T.: 0.014 min
Response: 158879
Conc: 1.09 ug/ml



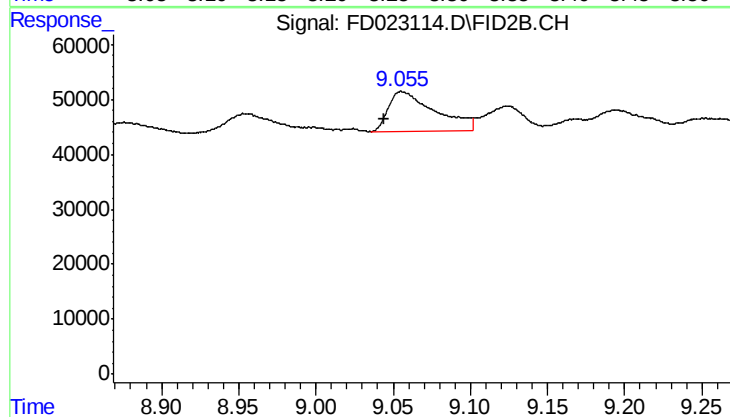
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.150 min
Delta R.T.: -0.038 min
Response: 3165108
Conc: 44.41 ug/ml



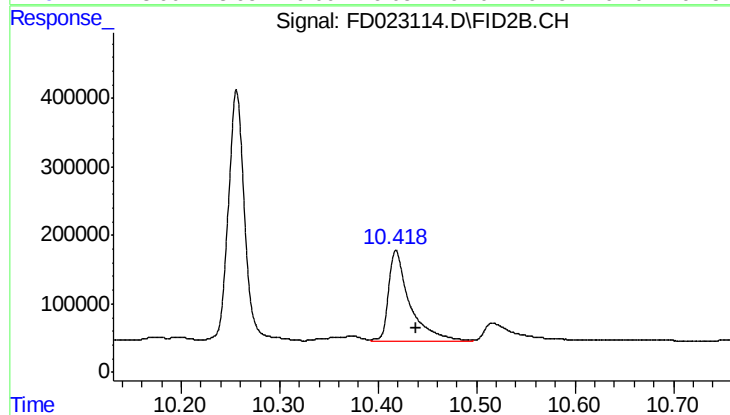
#7 Acenaphthene (C15.5)

R.T.: 8.254 min
Delta R.T.: 0.006 min
Response: 415530
Conc: 2.46 ug/ml



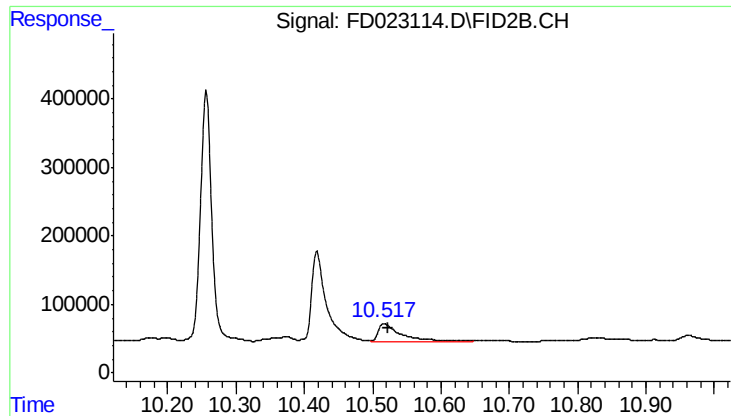
#8 Flouorene (C16.55)

R.T.: 9.056 min
Delta R.T.: 0.012 min
Response: 150397
Conc: 1.05 ug/ml



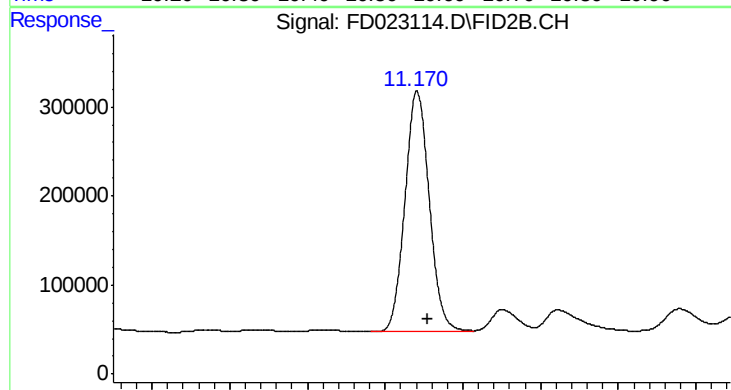
#9 Phenanthrene (C19.36)

R.T.: 10.418 min
Delta R.T.: -0.021 min
Response: 1994081
Conc: 15.02 ug/ml



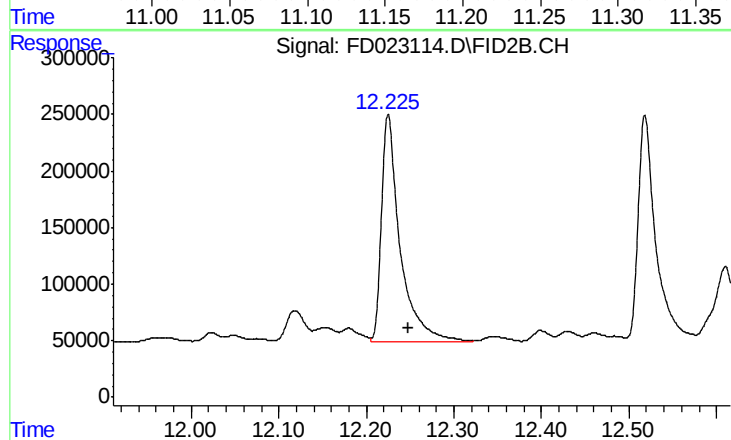
#10 Anthracene (C19.43)

R.T.: 10.516 min
Delta R.T.: -0.006 min
Response: 623807
Conc: 4.46 ug/ml



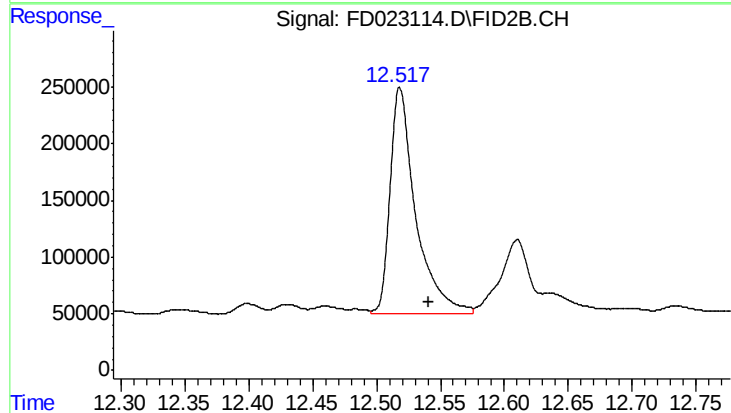
#11 ortho-Terphenyl (SURR)

R.T.: 11.171 min
Delta R.T.: -0.007 min
Response: 2949534
Conc: 21.10 ug/ml



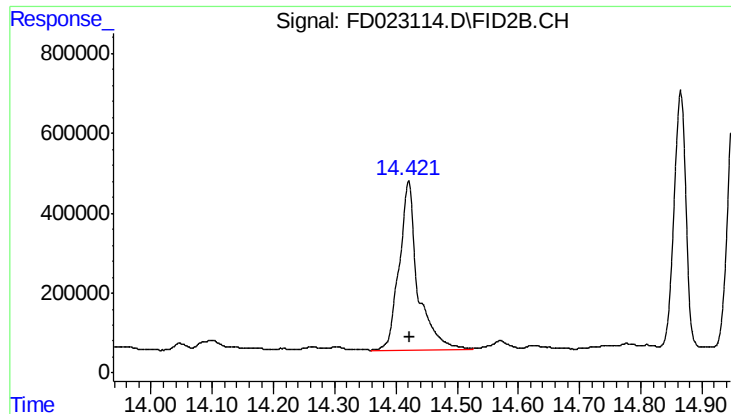
#12 Fluoranthene (C21.85)

R.T.: 12.225 min
Delta R.T.: -0.024 min
Response: 2964039
Conc: 21.58 ug/ml



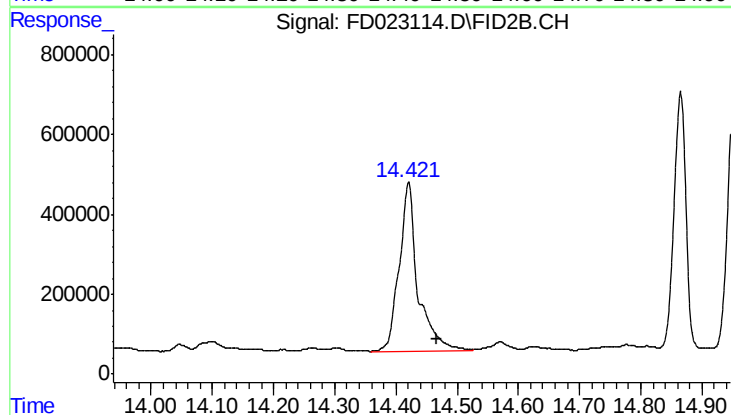
#13 Pyrene (C20.8)

R.T.: 12.518 min
Delta R.T.: -0.022 min
Response: 2788692
Conc: 19.76 ug/ml



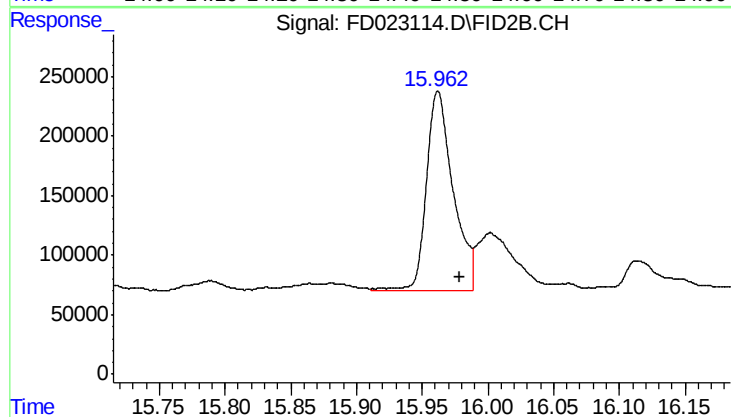
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.421 min
Delta R.T.: -0.002 min
Response: 8971891
Conc: 72.22 ug/ml



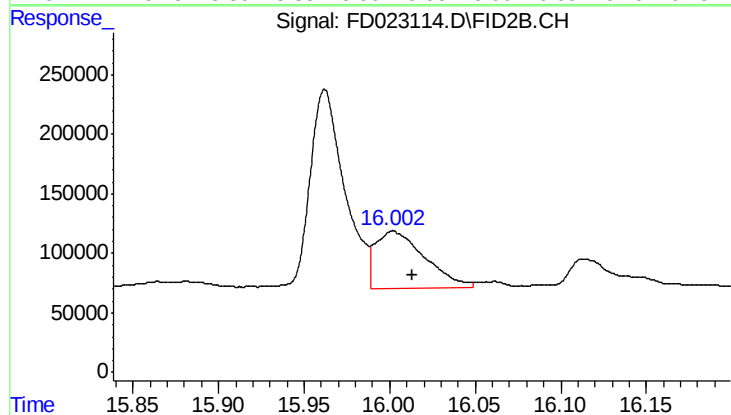
#15 Chrysene (C27.41)

R.T.: 14.421 min
Delta R.T.: -0.045 min
Response: 8971891
Conc: 57.95 ug/ml



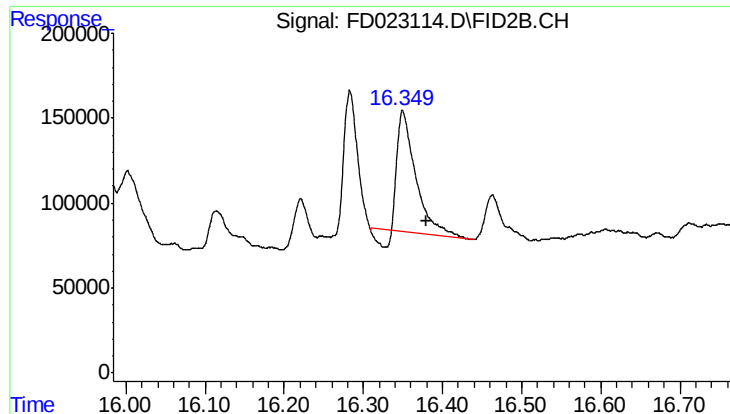
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.962 min
Delta R.T.: -0.016 min
Response: 2371728
Conc: 17.59 ug/ml



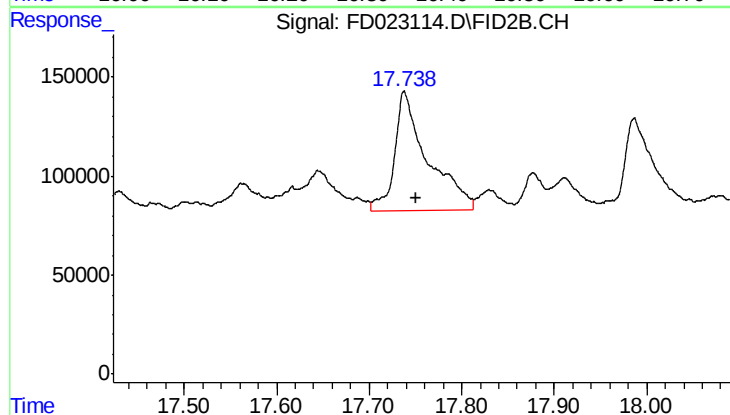
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.002 min
Delta R.T.: -0.011 min
Response: 960245
Conc: 5.82 ug/ml



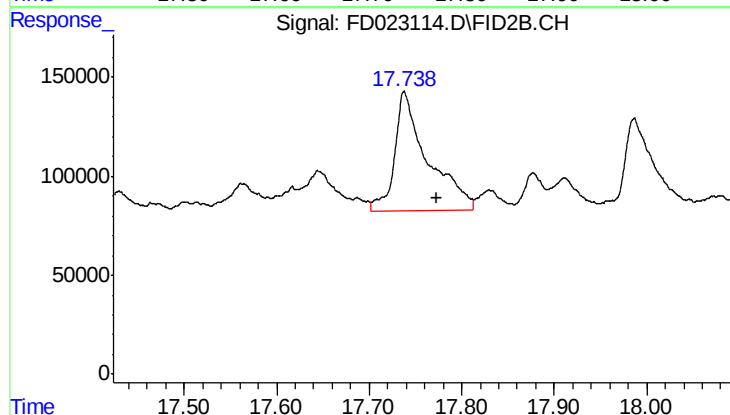
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.350 min
Delta R.T.: -0.030 min
Response: 1095759
Conc: 7.60 ug/ml



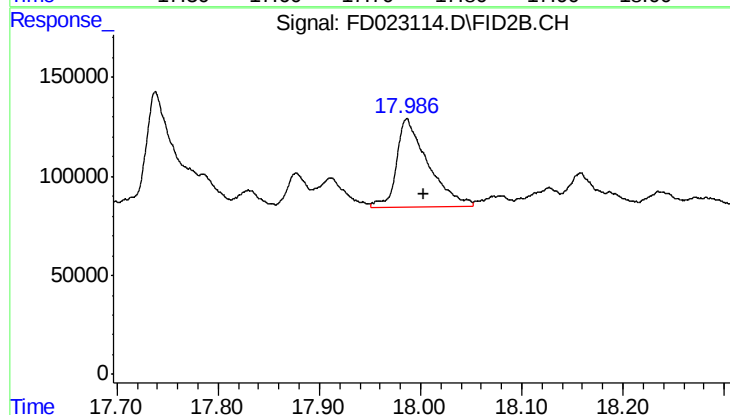
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.738 min
Delta R.T.: -0.013 min
Response: 1479048
Conc: 11.40 ug/ml



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

R.T.: 17.738 min
Delta R.T.: -0.035 min
Response: 1479048
Conc: 8.89 ug/ml



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

R.T.: 17.986 min
Delta R.T.: -0.017 min
Response: 965668
Conc: 6.52 ug/ml