

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012519AR\
 Data File : FD027463.D
 Signal(s) : FID2B.CH
 Acq On : 26 Jan 2019 21:17
 Operator : AJ\SJ
 Sample : PB116614BS
 Misc :
 ALS Vial : 96 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 28 04:32:35 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 010719.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 08 07:22:50 2019
 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...	7.350	2195487	23.241 ug/ml
Spiked Amount 50.000		Recovery =	46.48%
6) S 2-Fluorobiphenyl (SURR)	8.199	817350	12.817 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	25.63%
11) S ortho-Terphenyl (SURR)	11.238	2402981	22.544 ug/ml
Spiked Amount 50.000		Recovery =	45.09%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.158	1200960	11.845 ug/ml
2) T Naphthalene (C11.7)	5.687	1672506	15.450 ug/ml
3) T 2-Methylnaphthalene (...)	6.736	1822304	17.056 ug/ml
5) T Acenaphthylene (C15.06)	8.003	2119217	20.604 ug/ml
7) T Acenaphthene (C15.5)	8.298	2120567	19.684 ug/ml
8) T Fluorene (C16.55)	9.076	2220871	20.859 ug/ml
9) T Phenanthrene (C19.36)	10.463	2361589	22.385 ug/ml
10) T Anthracene (C19.43)	10.538	2356624	22.580 ug/ml
12) T Fluoranthene (C21.85)	12.265	2667495	25.613 ug/ml
13) T Pyrene (C20.8)	12.559	2455030	23.776 ug/ml
14) T Benzo[a]anthracene (C...	14.426	2487908	25.367 ug/ml
15) T Chrysene (C27.41)	14.469	2510274	25.532 ug/ml
16) T benzo[b]fluoranthene ...	16.004	2464185	24.377 ug/ml
17) T Bnezo[k]fluoranthene ...	16.004	2464185	24.380 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.346	2388281	23.617 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.747	2409432	23.087 ug/ml
20) T Dibenz[a,h]anthracene...	17.747	2409432	23.521 ug/ml
21) T Benzo[g,h,i]perylene ...	17.958	2209295	20.955 ug/ml

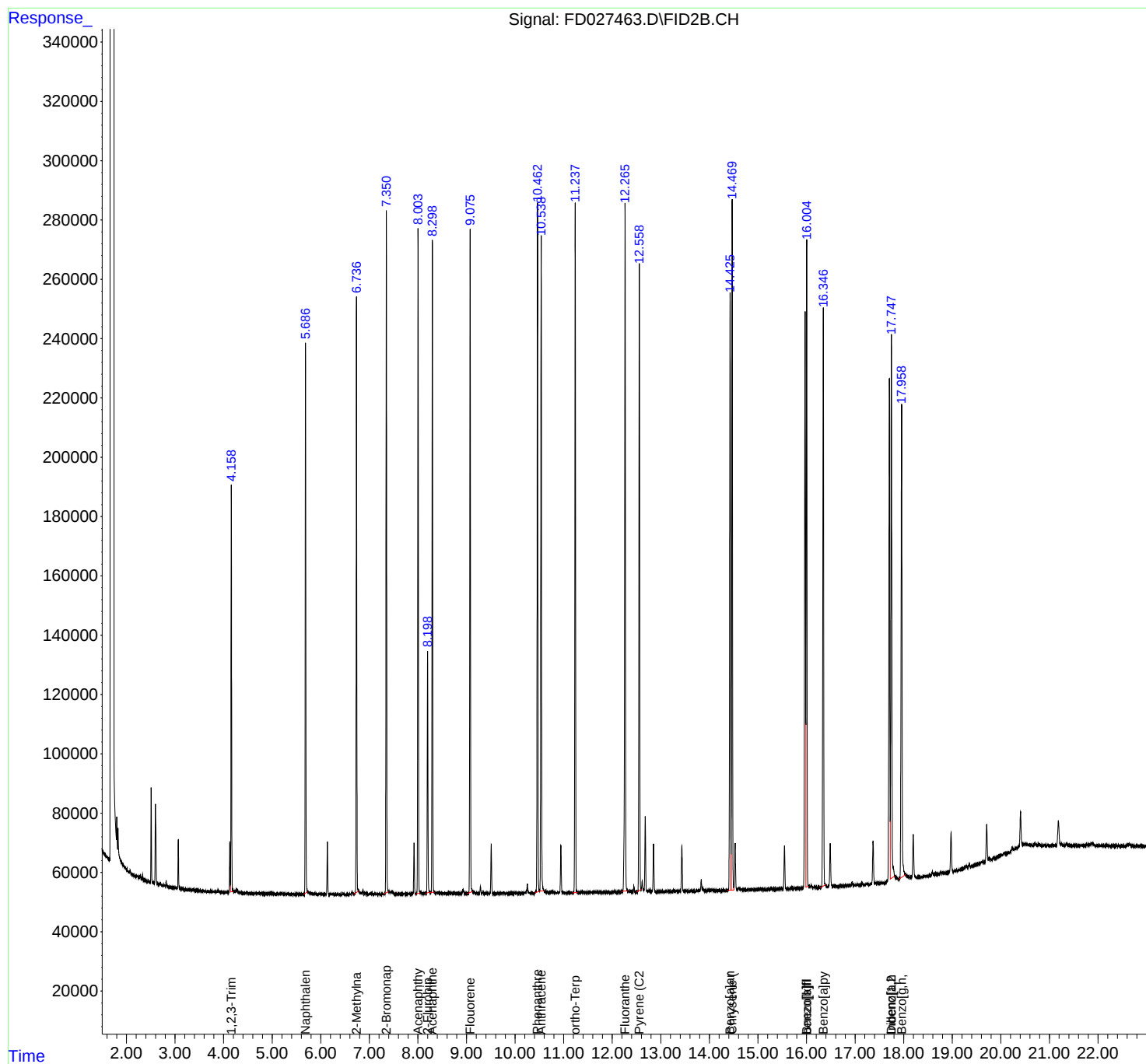
(f)=RT Delta > 1/2 Window

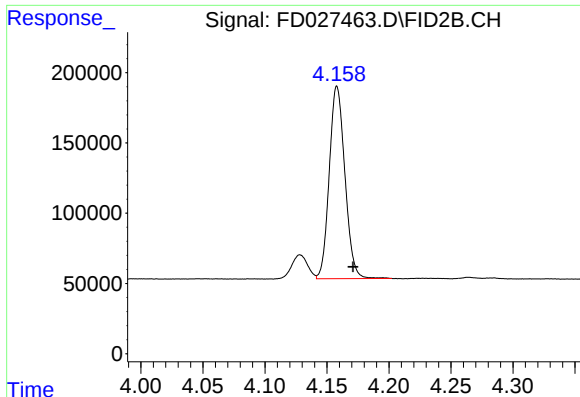
(m)=manual int.

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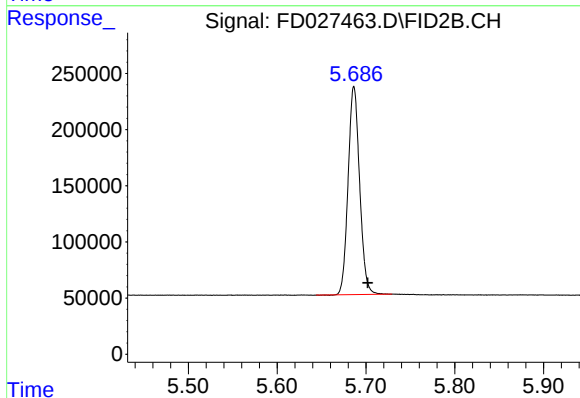
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





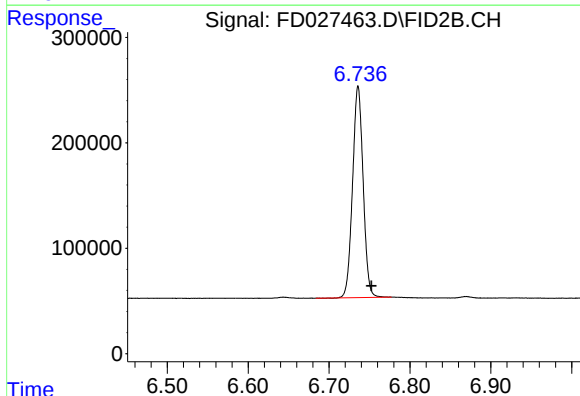
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.158 min
Delta R.T.: -0.013 min
Response: 1200960
Conc: 11.85 ug/ml



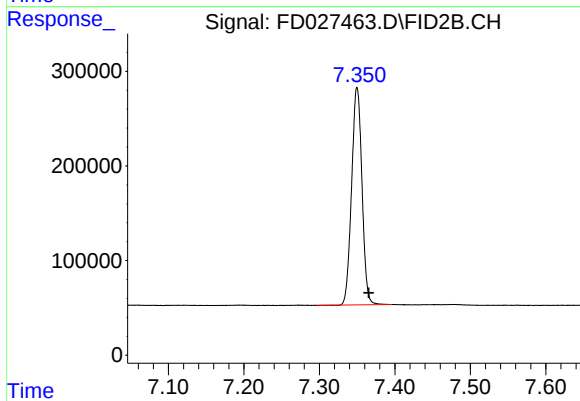
#2 Naphthalene (C11.7)

R.T.: 5.687 min
Delta R.T.: -0.015 min
Response: 1672506
Conc: 15.45 ug/ml



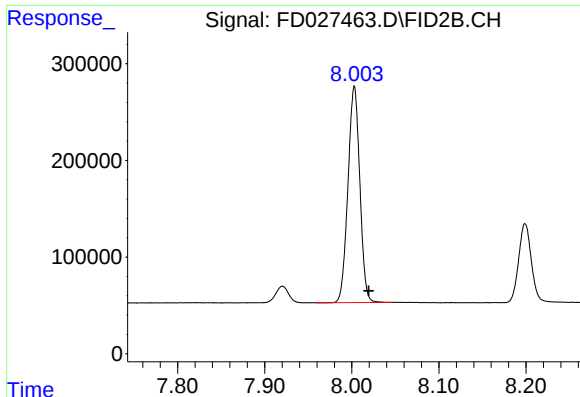
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.736 min
Delta R.T.: -0.016 min
Response: 1822304
Conc: 17.06 ug/ml



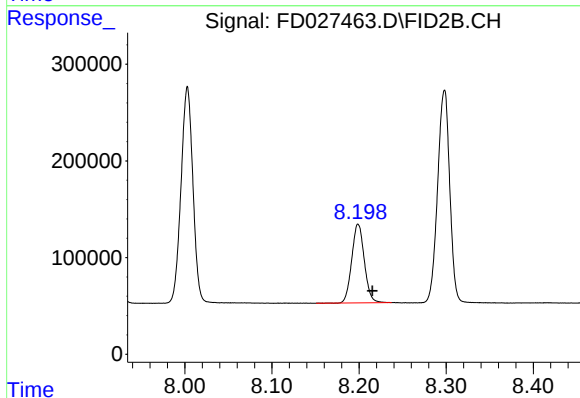
#4 2-Bromonaphthalene (SURR)

R.T.: 7.350 min
Delta R.T.: -0.015 min
Response: 2195487
Conc: 23.24 ug/ml



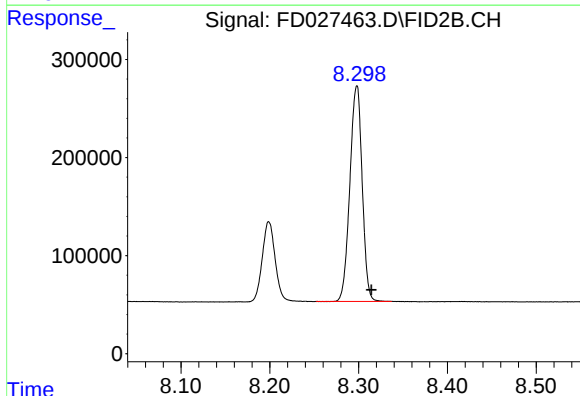
#5 Acenaphthylene (C15.06)

R.T.: 8.003 min
Delta R.T.: -0.016 min
Response: 2119217
Conc: 20.60 ug/ml



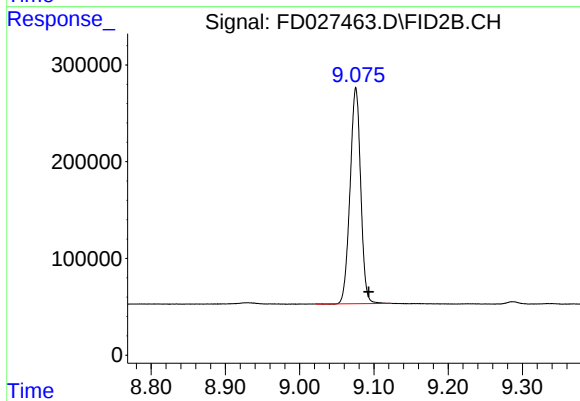
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.199 min
Delta R.T.: -0.016 min
Response: 817350
Conc: 12.82 ug/ml



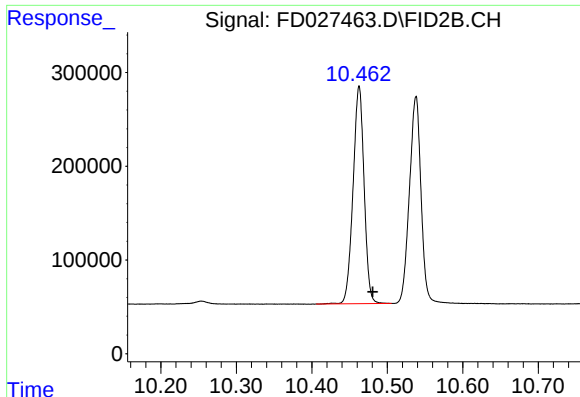
#7 Acenaphthene (C15.5)

R.T.: 8.298 min
Delta R.T.: -0.016 min
Response: 2120567
Conc: 19.68 ug/ml



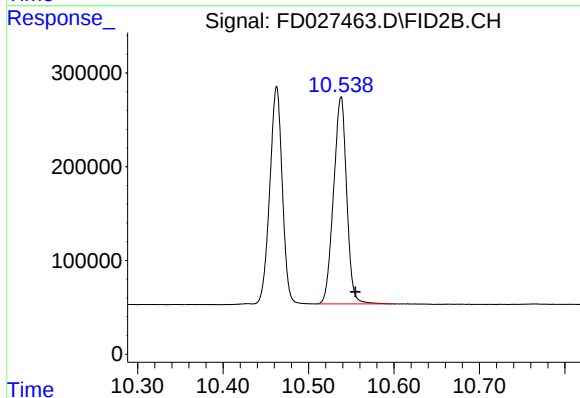
#8 Fluorene (C16.55)

R.T.: 9.076 min
Delta R.T.: -0.017 min
Response: 2220871
Conc: 20.86 ug/ml



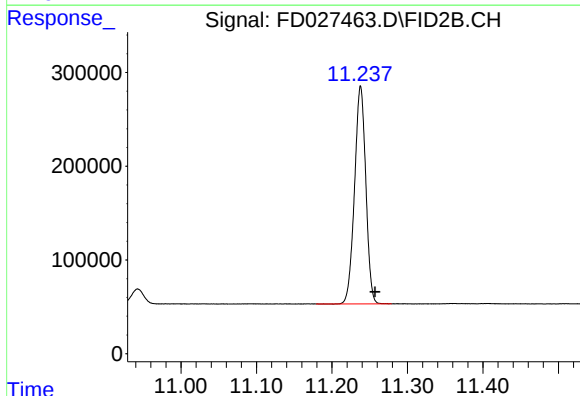
#9 Phenanthrene (C19.36)

R.T.: 10.463 min
Delta R.T.: -0.018 min
Response: 2361589
Conc: 22.38 ug/ml



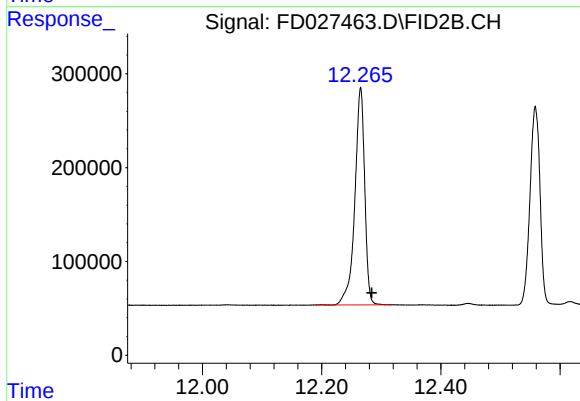
#10 Anthracene (C19.43)

R.T.: 10.538 min
Delta R.T.: -0.017 min
Response: 2356624
Conc: 22.58 ug/ml



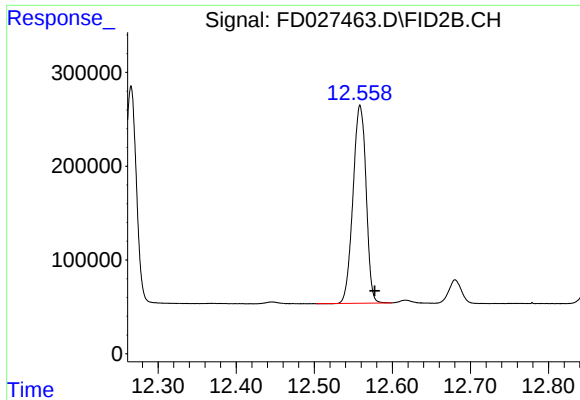
#11 ortho-Terphenyl (SURR)

R.T.: 11.238 min
Delta R.T.: -0.019 min
Response: 2402981
Conc: 22.54 ug/ml



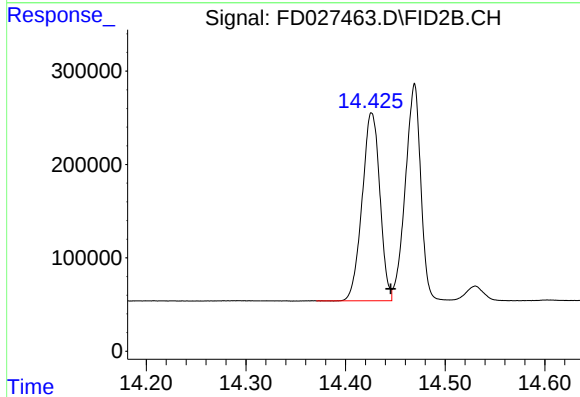
#12 Fluoranthene (C21.85)

R.T.: 12.265 min
Delta R.T.: -0.019 min
Response: 2667495
Conc: 25.61 ug/ml



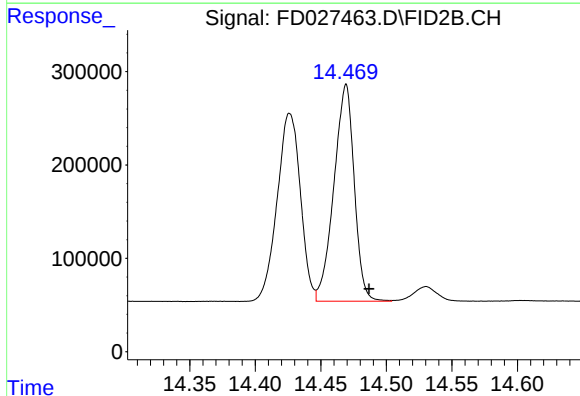
#13 Pyrene (C20.8)

R.T.: 12.559 min
Delta R.T.: -0.019 min
Response: 2455030
Conc: 23.78 ug/ml



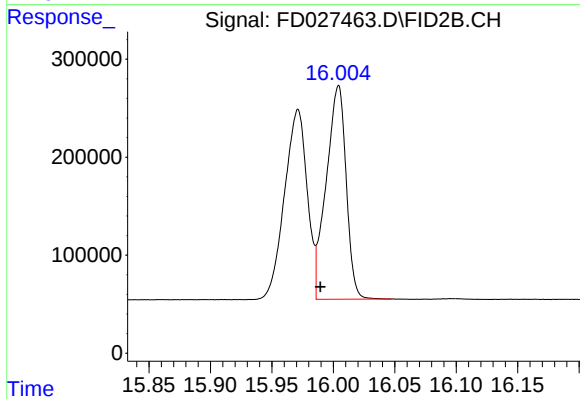
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.426 min
Delta R.T.: -0.019 min
Response: 2487908
Conc: 25.37 ug/ml



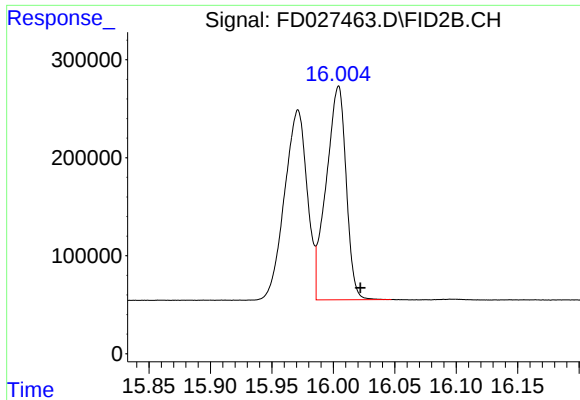
#15 Chrysene (C27.41)

R.T.: 14.469 min
Delta R.T.: -0.018 min
Response: 2510274
Conc: 25.53 ug/ml



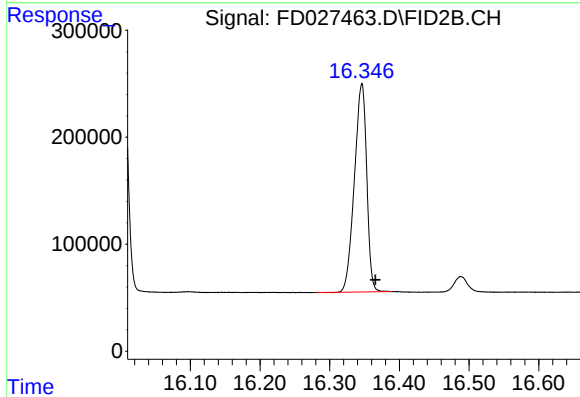
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.004 min
Delta R.T.: 0.015 min
Response: 2464185
Conc: 24.38 ug/ml



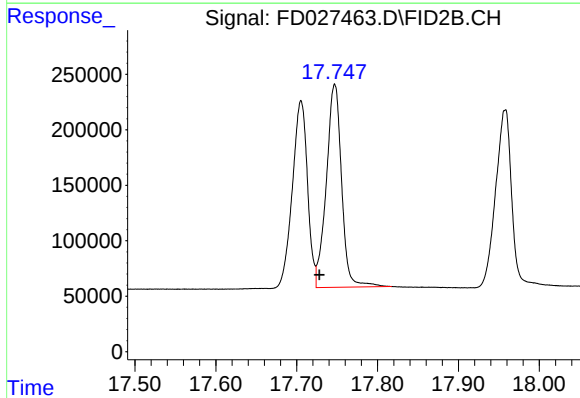
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.004 min
Delta R.T.: -0.018 min
Response: 2464185
Conc: 24.38 ug/ml



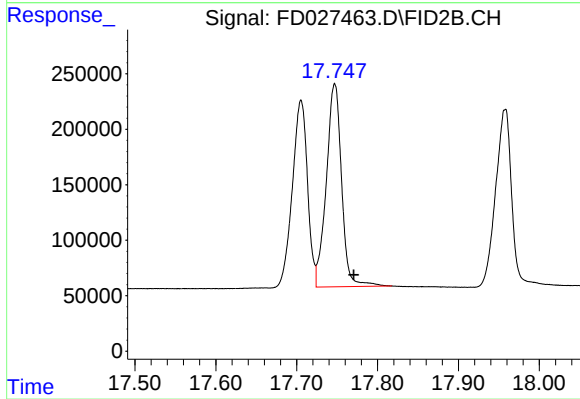
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.346 min
Delta R.T.: -0.020 min
Response: 2388281
Conc: 23.62 ug/ml



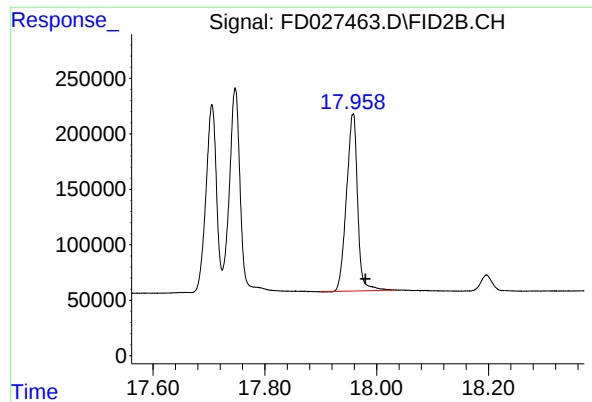
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.747 min
Delta R.T.: 0.019 min
Response: 2409432
Conc: 23.09 ug/ml



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

R.T.: 17.747 min
Delta R.T.: -0.023 min
Response: 2409432
Conc: 23.52 ug/ml



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

R.T.: 17.958 min
Delta R.T.: -0.022 min
Response: 2209295
Conc: 20.96 ug/ml