

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012519AR\
 Data File : FD027467.D
 Signal(s) : FID2B.CH
 Acq On : 26 Jan 2019 23:43
 Operator : AJ\SJ
 Sample : PB116621BS
 Misc :
 ALS Vial : 100 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jan 28 04:33:38 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...	7.352	4393791	46.512 ug/ml
Spiked Amount 50.000		Recovery =	93.02%
6) S 2-Fluorobiphenyl (SURR)	8.200	1692523	26.540 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	53.08%
11) S ortho-Terphenyl (SURR)	11.240	4805660	45.085 ug/ml
Spiked Amount 50.000		Recovery =	90.17%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.158	2228804	21.983 ug/ml
2) T Naphthalene (C11.7)	5.687	3323647	30.703 ug/ml
3) T 2-Methylnaphthalene (...)	6.737	3579564	33.504 ug/ml
5) T Acenaphthylene (C15.06)	8.005	4228906	41.116 ug/ml
7) T Acenaphthene (C15.5)	8.300	4189687	38.890 ug/ml
8) T Fluorene (C16.55)	9.078	4483610	42.111 ug/ml
9) T Phenanthrene (C19.36)	10.466	4769504	45.209 ug/ml
10) T Anthracene (C19.43)	10.541	4758457	45.593 ug/ml
12) T Fluoranthene (C21.85)	12.270	5279642	50.695 ug/ml
13) T Pyrene (C20.8)	12.564	4909461	47.546 ug/ml
14) T Benzo[a]anthracene (C...	14.432	4972917	50.704 ug/ml
15) T Chrysene (C27.41)	14.476	4995786	50.812 ug/ml
16) T benzo[b]fluoranthene ...	15.977	5003970	49.503 ug/ml
17) T Bnezo[k]fluoranthene ...	16.013	4914354	48.621 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.354	4806637	47.532 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.714	4483404	42.960 ug/ml
20) T Dibenz[a,h]anthracene...	17.758	4831313	47.163 ug/ml
21) T Benzo[g,h,i]perylene ...	17.971	4452214	42.230 ug/ml

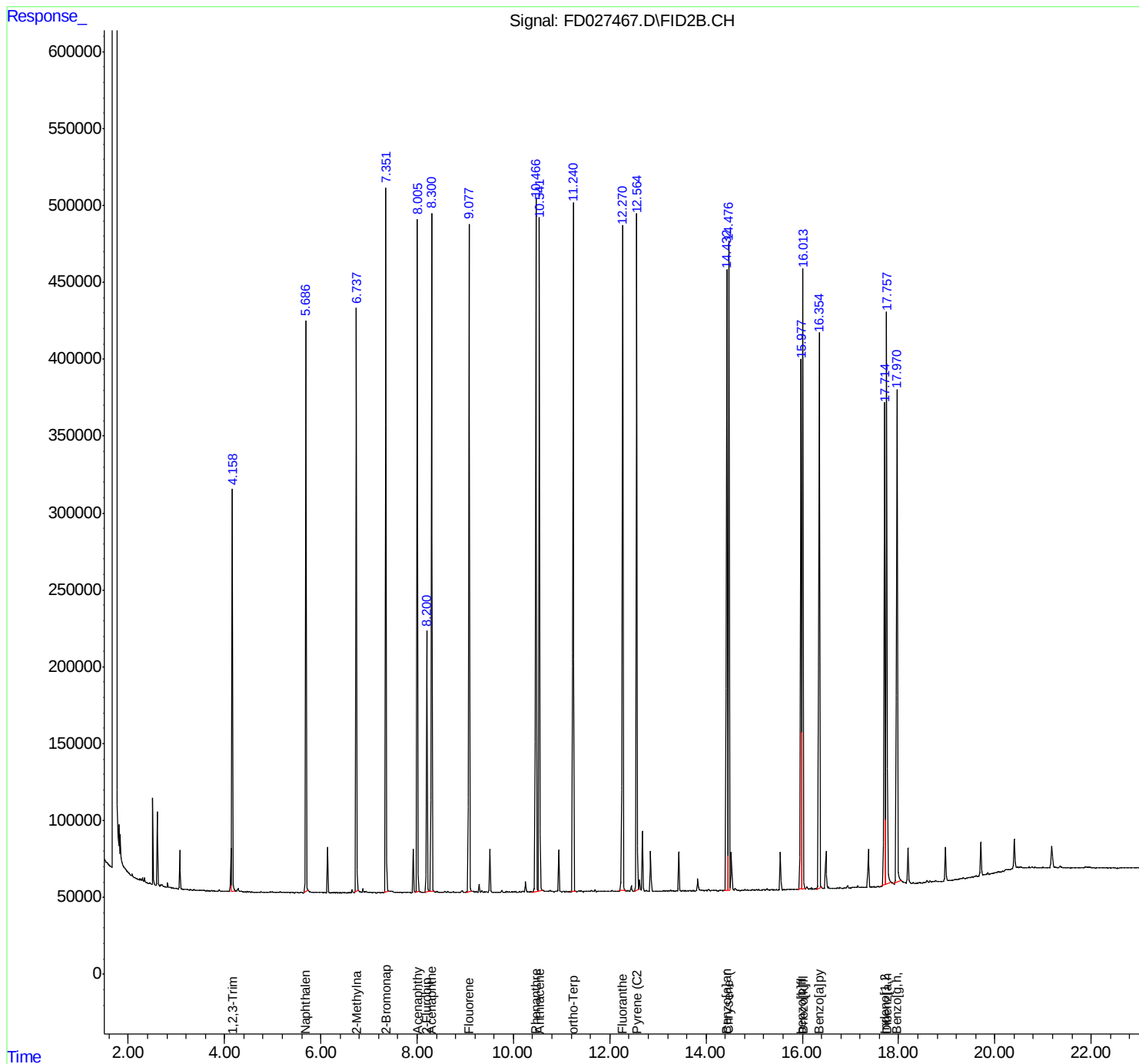
(f)=RT Delta > 1/2 Window

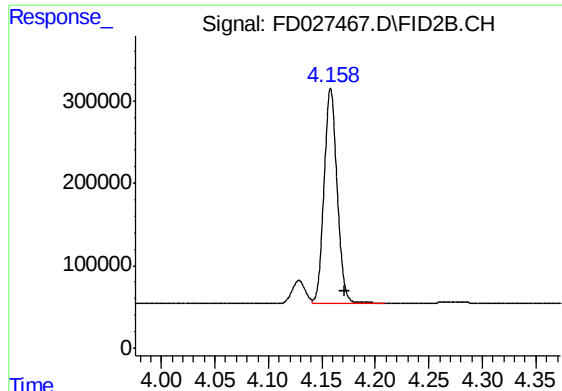
(m)=manual int.

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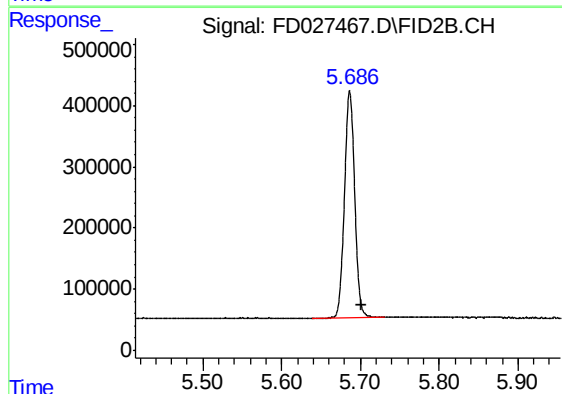
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Signal Info : 20M x 0.18mm x 0.18µm





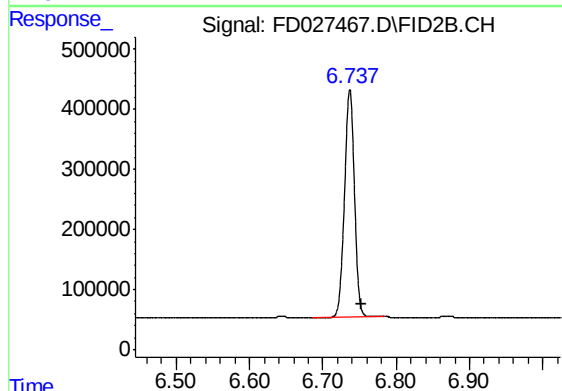
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.158 min
Delta R.T.: -0.013 min
Response: 2228804
Conc: 21.98 ug/ml



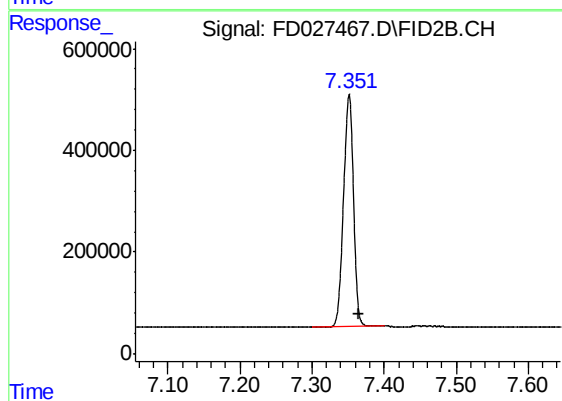
#2 Naphthalene (C11.7)

R.T.: 5.687 min
Delta R.T.: -0.015 min
Response: 3323647
Conc: 30.70 ug/ml



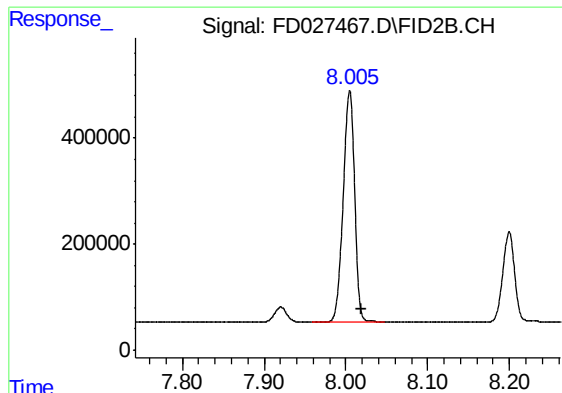
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.737 min
Delta R.T.: -0.015 min
Response: 3579564
Conc: 33.50 ug/ml



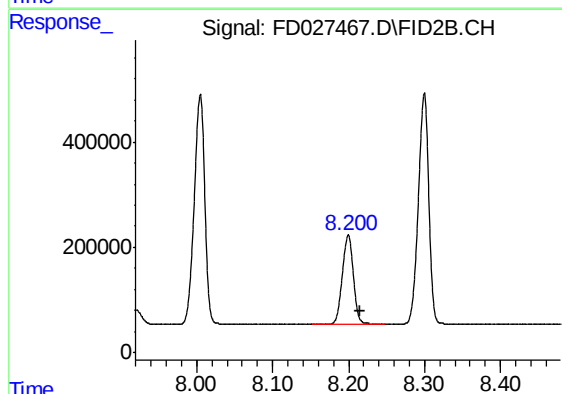
#4 2-Bromonaphthalene (SURR)

R.T.: 7.352 min
Delta R.T.: -0.014 min
Response: 4393791
Conc: 46.51 ug/ml



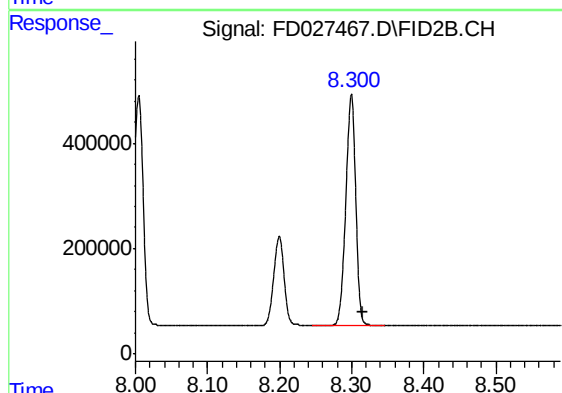
#5 Acenaphthylene (C15.06)

R.T.: 8.005 min
Delta R.T.: -0.015 min
Response: 4228906
Conc: 41.12 ug/ml



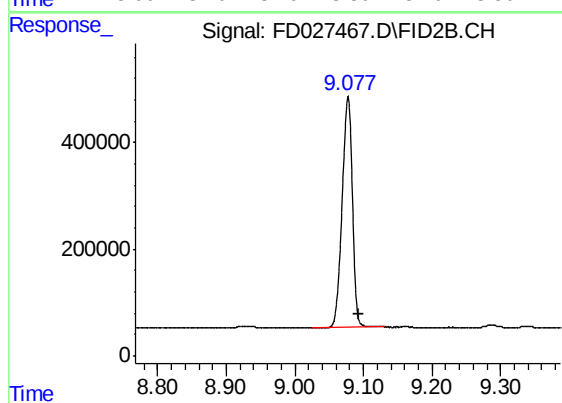
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.200 min
Delta R.T.: -0.015 min
Response: 1692523
Conc: 26.54 ug/ml



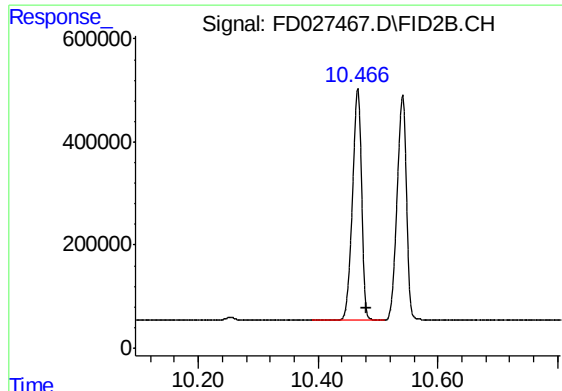
#7 Acenaphthene (C15.5)

R.T.: 8.300 min
Delta R.T.: -0.015 min
Response: 4189687
Conc: 38.89 ug/ml



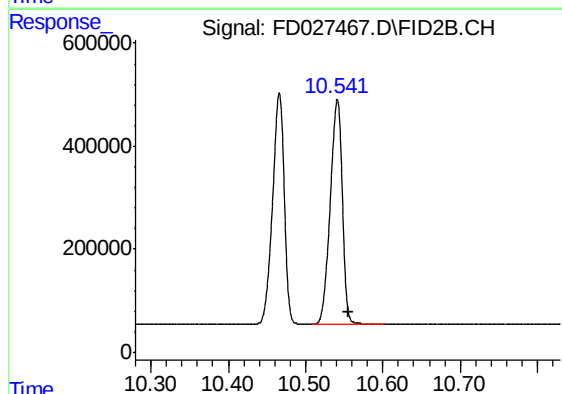
#8 Flouorene (C16.55)

R.T.: 9.078 min
Delta R.T.: -0.015 min
Response: 4483610
Conc: 42.11 ug/ml



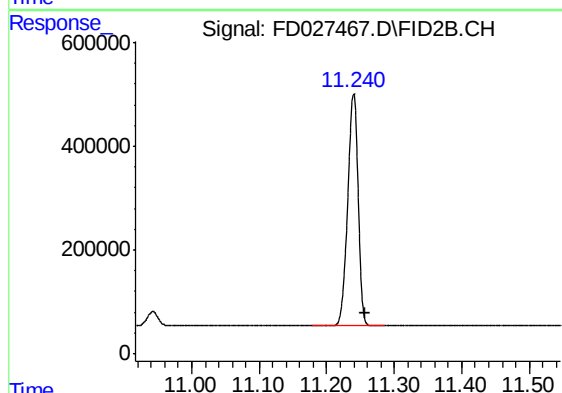
#9 Phenanthrene (C19.36)

R.T.: 10.466 min
Delta R.T.: -0.014 min
Response: 4769504
Conc: 45.21 ug/ml



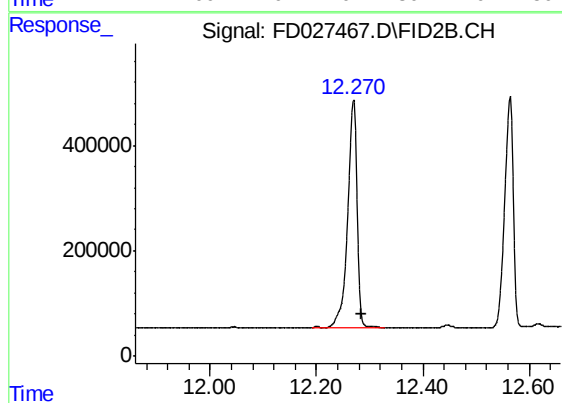
#10 Anthracene (C19.43)

R.T.: 10.541 min
Delta R.T.: -0.014 min
Response: 4758457
Conc: 45.59 ug/ml



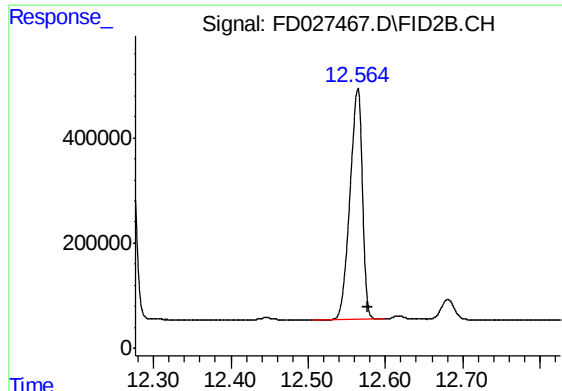
#11 ortho-Terphenyl (SURR)

R.T.: 11.240 min
Delta R.T.: -0.017 min
Response: 4805660
Conc: 45.08 ug/ml



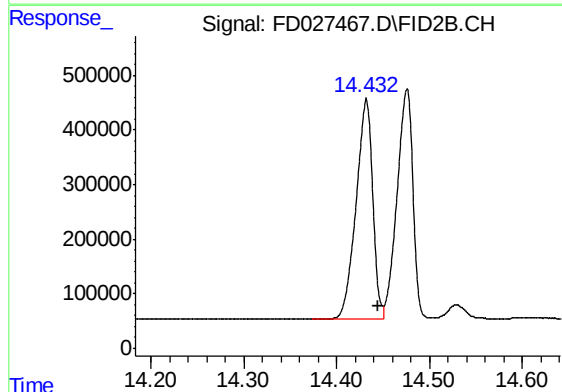
#12 Fluoranthene (C21.85)

R.T.: 12.270 min
Delta R.T.: -0.014 min
Response: 5279642
Conc: 50.69 ug/ml



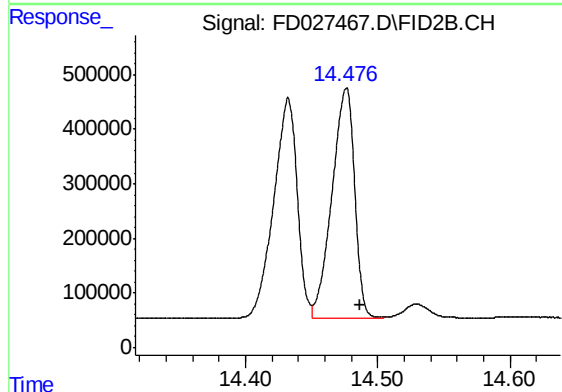
#13 Pyrene (C20.8)

R.T.: 12.564 min
Delta R.T.: -0.013 min
Response: 4909461
Conc: 47.55 ug/ml



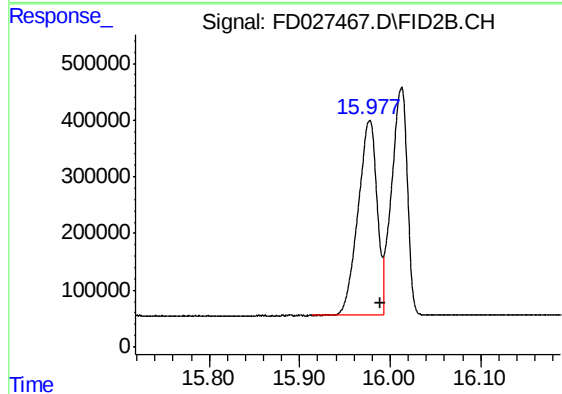
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.432 min
Delta R.T.: -0.013 min
Response: 4972917
Conc: 50.70 ug/ml



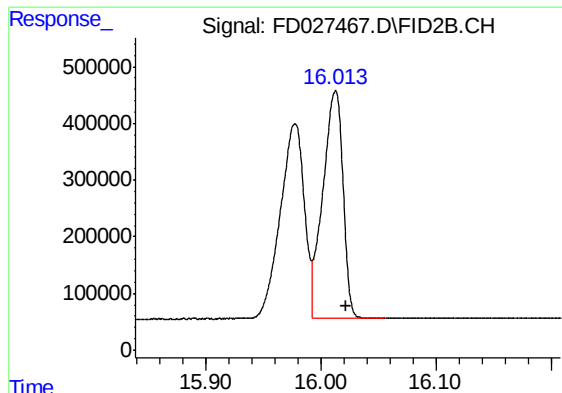
#15 Chrysene (C27.41)

R.T.: 14.476 min
Delta R.T.: -0.011 min
Response: 4995786
Conc: 50.81 ug/ml



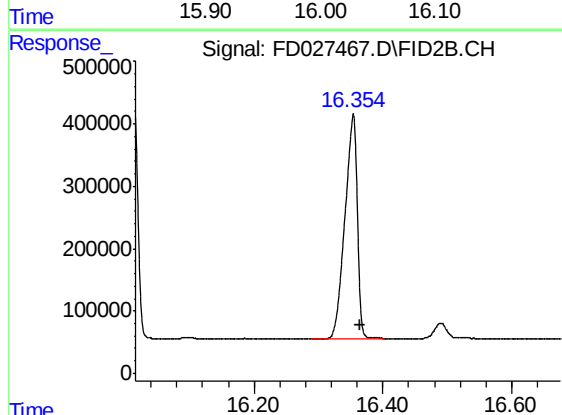
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.977 min
Delta R.T.: -0.012 min
Response: 5003970
Conc: 49.50 ug/ml



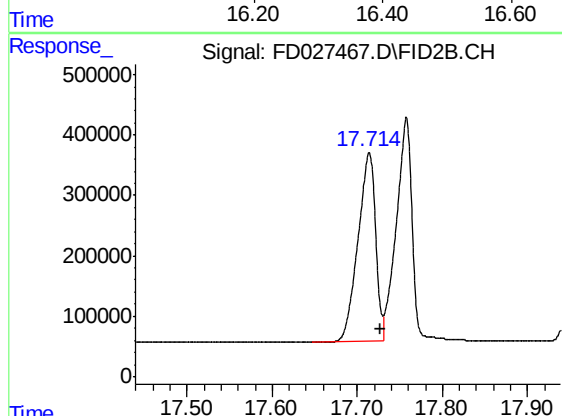
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.013 min
Delta R.T.: -0.009 min
Response: 4914354
Conc: 48.62 ug/ml



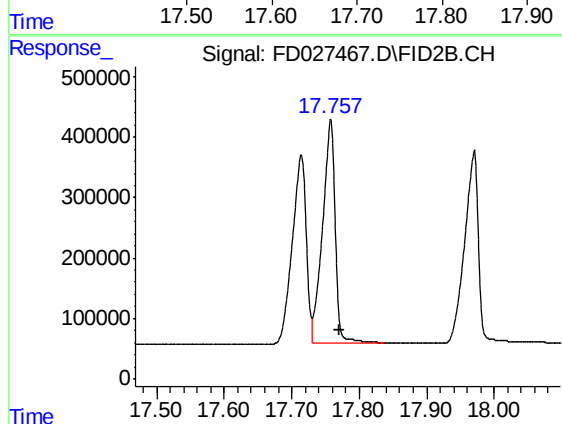
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.354 min
Delta R.T.: -0.011 min
Response: 4806637
Conc: 47.53 ug/ml



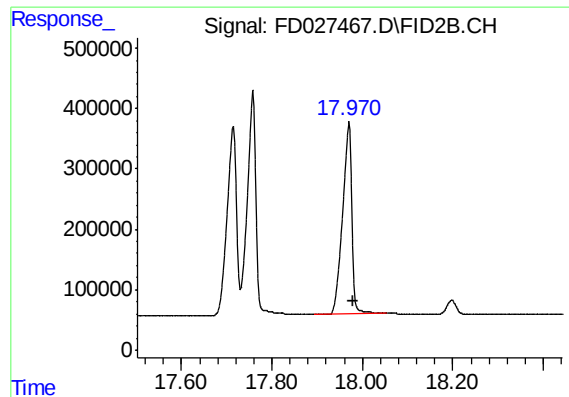
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.714 min
Delta R.T.: -0.014 min
Response: 4483404
Conc: 42.96 ug/ml



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

R.T.: 17.758 min
Delta R.T.: -0.013 min
Response: 4831313
Conc: 47.16 ug/ml



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

R.T.: 17.971 min
Delta R.T.: -0.009 min
Response: 4452214
Conc: 42.23 ug/ml