

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051719AR\
 Data File : FD029192.D
 Signal(s) : FID2B.CH
 Acq On : 17 May 2019 20:11
 Operator : EI\AJ
 Sample : AR IDOC SOIL 02
 Misc : FOR DD & FE
 ALS Vial : 62 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: May 18 04:14:44 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 051519.M
 Quant Title : GC Extractables
 QLast Update : Wed May 15 16:09:05 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...	7.749	3157411	39.890 ug/ml
Spiked Amount 50.000		Recovery =	79.78%
6) S 2-Fluorobiphenyl (SURR)	8.615	1999666	37.029 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	74.06%
11) S ortho-Terphenyl (SURR)	11.652	3064731	37.163 ug/ml
Spiked Amount 50.000		Recovery =	74.33%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.540	3096957	34.787 ug/ml
2) T Naphthalene (C11.7)	6.087	3659755	39.154 ug/ml
3) T 2-Methylnaphthalene (...)	7.140	3842432	42.648 ug/ml
5) T Acenaphthylene (C15.06)	8.420	3926438	45.663 ug/ml
7) T Acenaphthene (C15.5)	8.716	4059535	45.427 ug/ml
8) T Fluorene (C16.55)	9.495	4080042	46.606 ug/ml
9) T Phenanthrene (C19.36)	10.893	4270083	47.673 ug/ml
10) T Anthracene (C19.43)	10.968	4296413	48.283 ug/ml
12) T Fluoranthene (C21.85)	12.704	4610498	48.030 ug/ml
13) T Pyrene (C20.8)	13.002	4666232	47.429 ug/ml
14) T Benzo[a]anthracene (C...	14.869	4742755	48.056 ug/ml
15) T Chrysene (C27.41)	14.913	5339765	53.328 ug/ml
16) T benzo[b]fluoranthene ...	16.417	5030359	48.799 ug/ml
17) T Bnezo[k]fluoranthene ...	16.452	4799742	47.362 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.797	4692419	46.305 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.158	4885914	50.281 ug/ml
20) T Dibenz[a,h]anthracene...	18.196	4555510	50.645 ug/ml
21) T Benzo[g,h,i]perylene ...	18.417	4968108	49.125 ug/ml

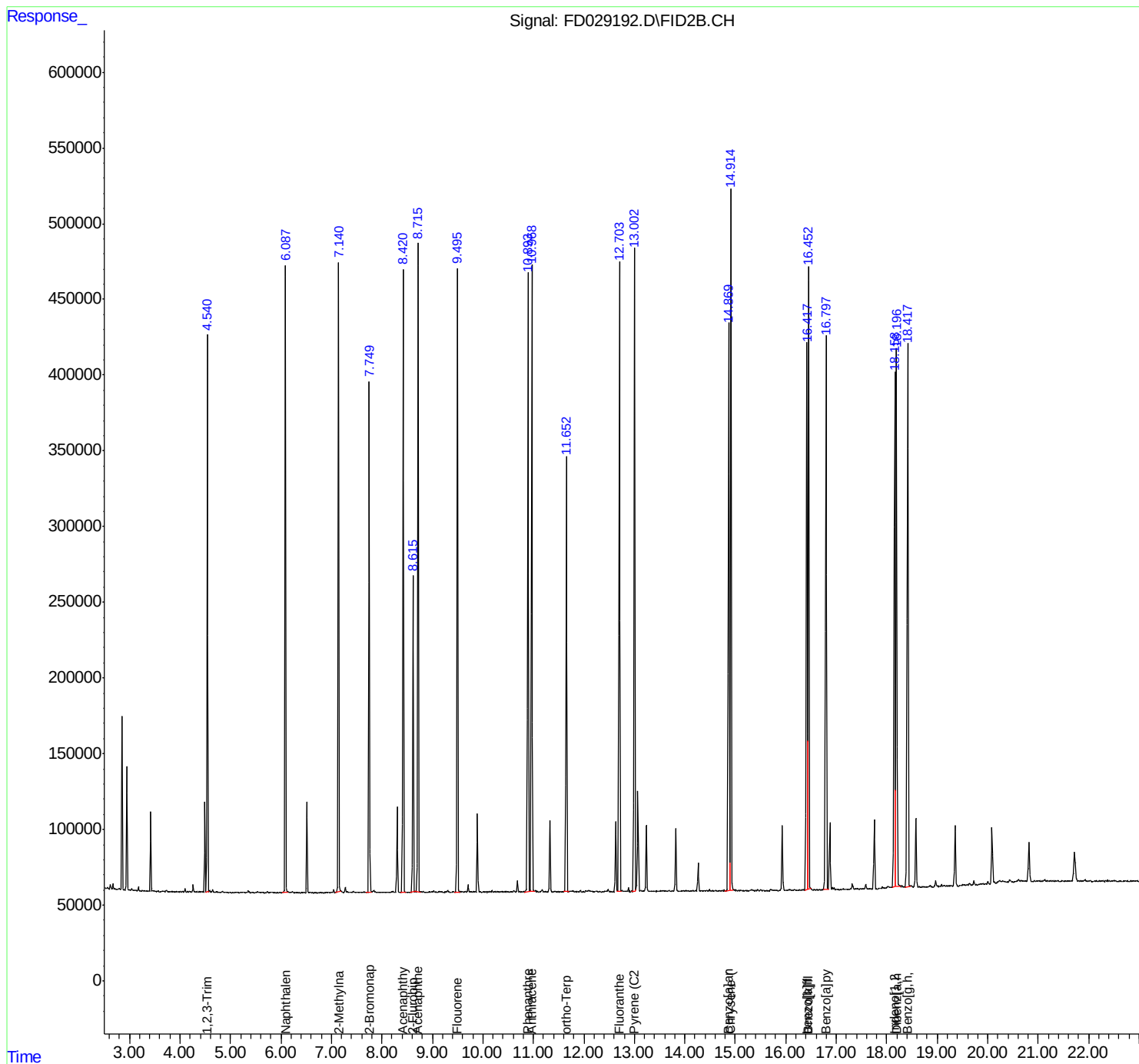
(f)=RT Delta > 1/2 Window

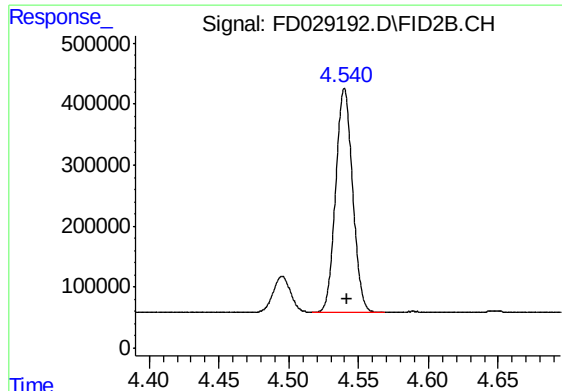
(m)=manual int.

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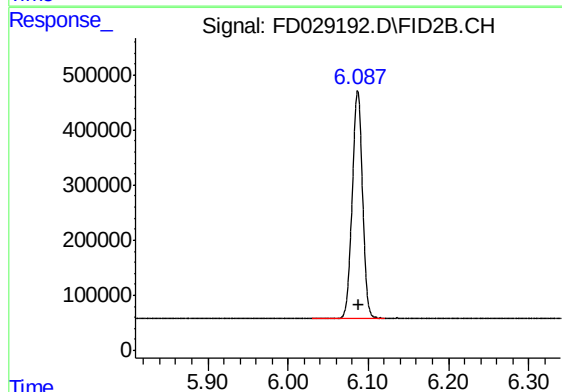
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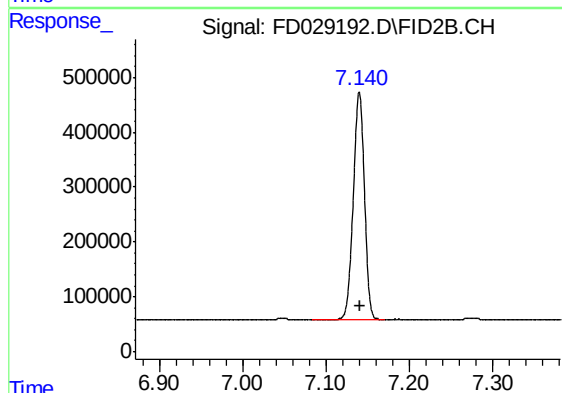
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.540 min
Delta R.T.: -0.002 min
Response: 3096957
Conc: 34.79 ug/ml



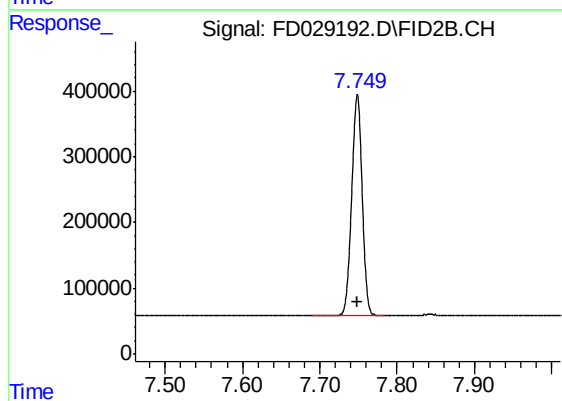
#2 Naphthalene (C11.7)

R.T.: 6.087 min
Delta R.T.: -0.002 min
Response: 3659755
Conc: 39.15 ug/ml



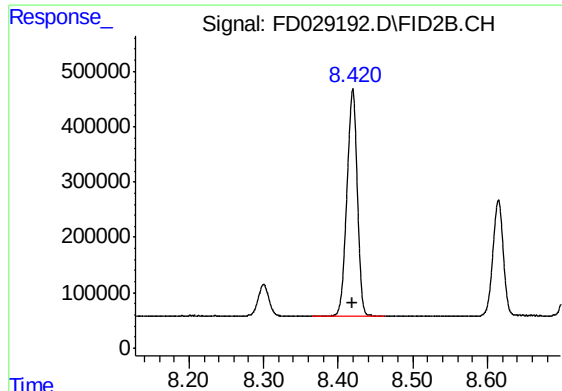
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.140 min
Delta R.T.: 0.000 min
Response: 3842432
Conc: 42.65 ug/ml



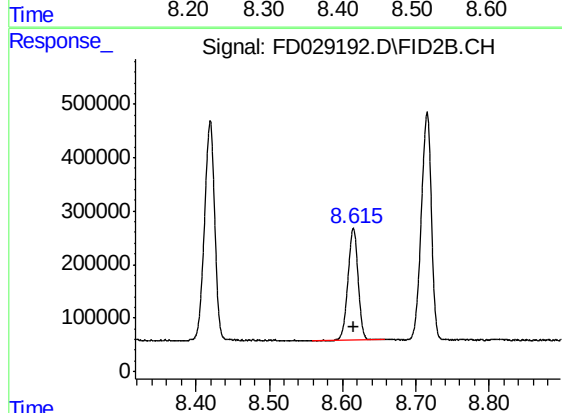
#4 2-Bromonaphthalene (SURR)

R.T.: 7.749 min
Delta R.T.: 0.000 min
Response: 3157411
Conc: 39.89 ug/ml



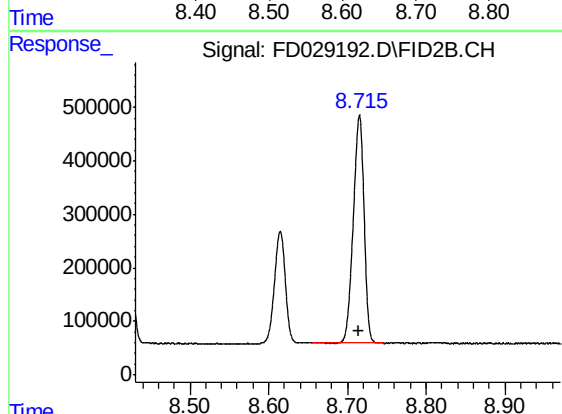
#5 Acenaphthylene (C15.06)

R.T.: 8.420 min
Delta R.T.: 0.000 min
Response: 3926438
Conc: 45.66 ug/ml



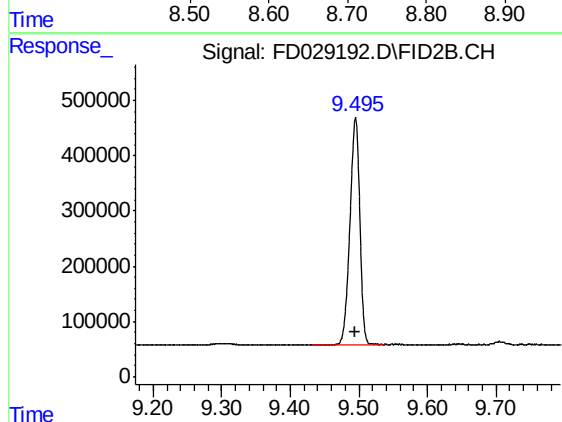
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.615 min
Delta R.T.: 0.000 min
Response: 1999666
Conc: 37.03 ug/ml



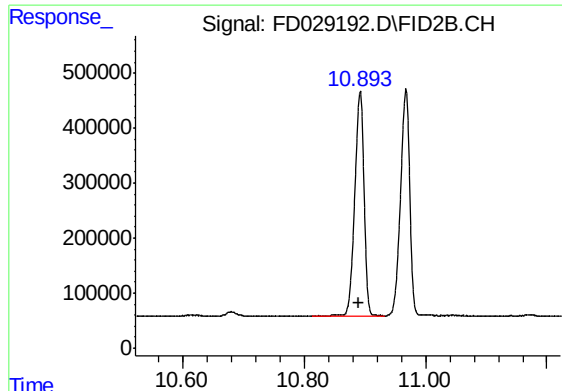
#7 Acenaphthene (C15.5)

R.T.: 8.716 min
Delta R.T.: 0.001 min
Response: 4059535
Conc: 45.43 ug/ml



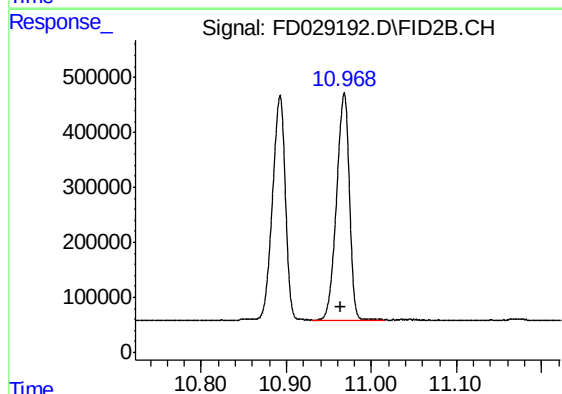
#8 Fluorene (C16.55)

R.T.: 9.495 min
Delta R.T.: 0.002 min
Response: 4080042
Conc: 46.61 ug/ml



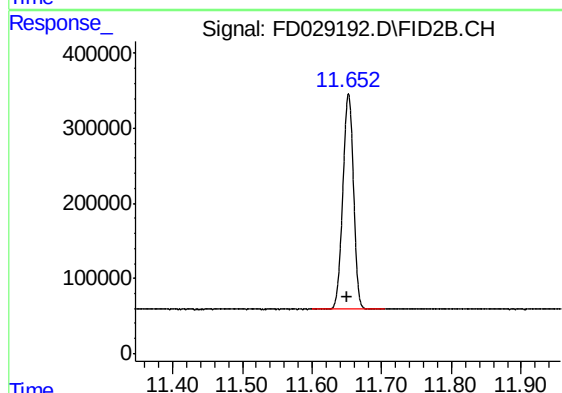
#9 Phenanthrene (C19.36)

R.T.: 10.893 min
Delta R.T.: 0.003 min
Response: 4270083
Conc: 47.67 ug/ml



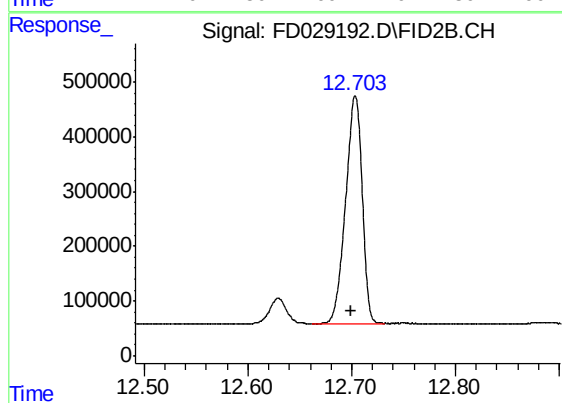
#10 Anthracene (C19.43)

R.T.: 10.968 min
Delta R.T.: 0.005 min
Response: 4296413
Conc: 48.28 ug/ml



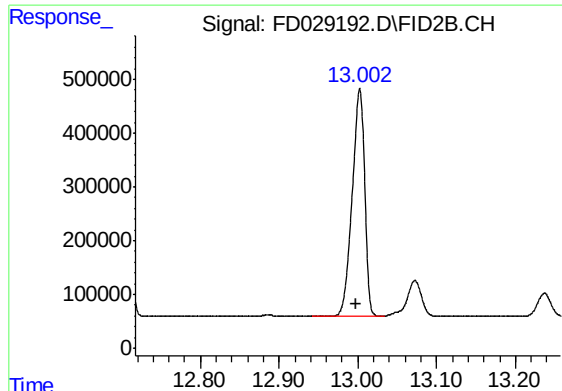
#11 ortho-Terphenyl (SURRE)

R.T.: 11.652 min
Delta R.T.: 0.001 min
Response: 3064731
Conc: 37.16 ug/ml



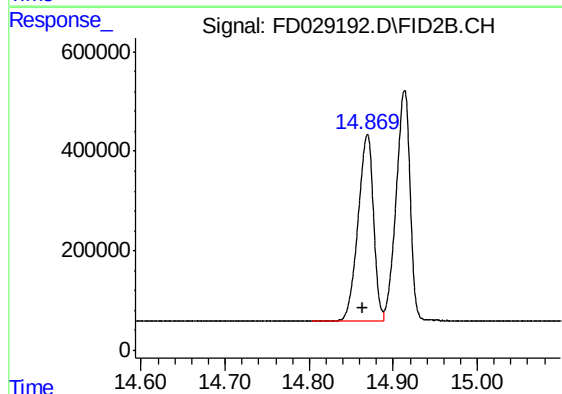
#12 Fluoranthene (C21.85)

R.T.: 12.704 min
Delta R.T.: 0.004 min
Response: 4610498
Conc: 48.03 ug/ml



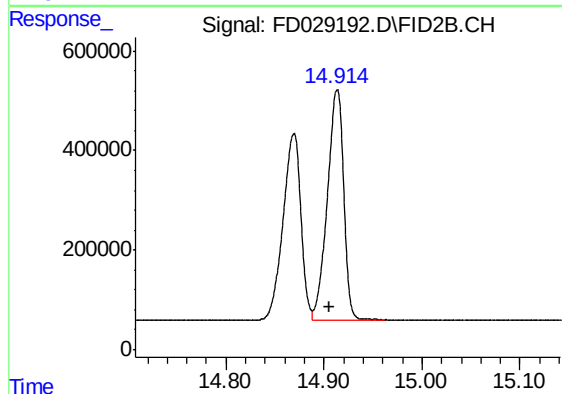
#13 Pyrene (C20.8)

R.T.: 13.002 min
Delta R.T.: 0.005 min
Response: 4666232
Conc: 47.43 ug/ml



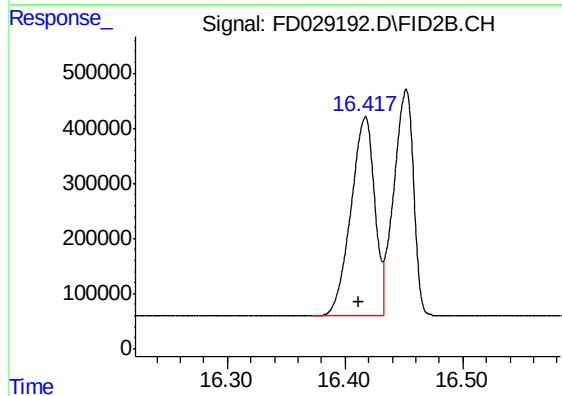
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.869 min
Delta R.T.: 0.006 min
Response: 4742755
Conc: 48.06 ug/ml



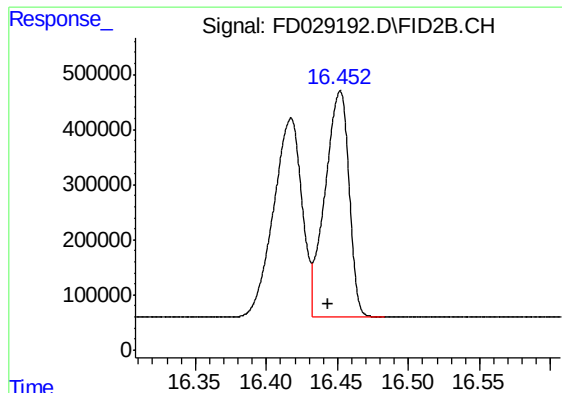
#15 Chrysene (C27.41)

R.T.: 14.913 min
Delta R.T.: 0.008 min
Response: 5339765
Conc: 53.33 ug/ml



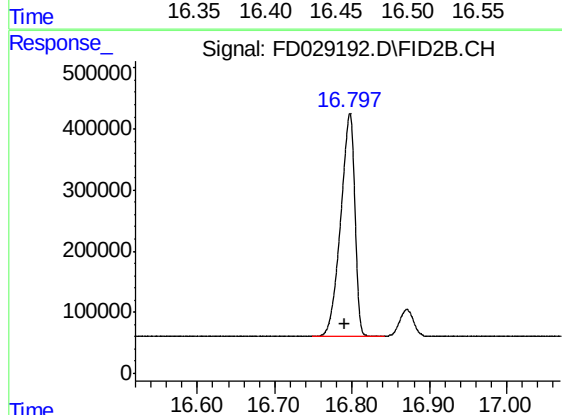
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.417 min
Delta R.T.: 0.006 min
Response: 5030359
Conc: 48.80 ug/ml



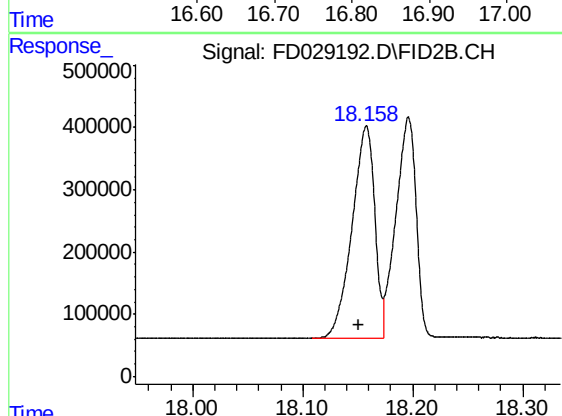
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.452 min
Delta R.T.: 0.008 min
Response: 4799742
Conc: 47.36 ug/ml



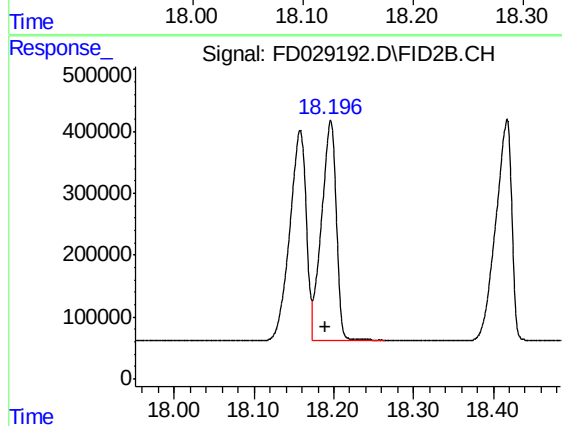
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.797 min
Delta R.T.: 0.007 min
Response: 4692419
Conc: 46.31 ug/ml



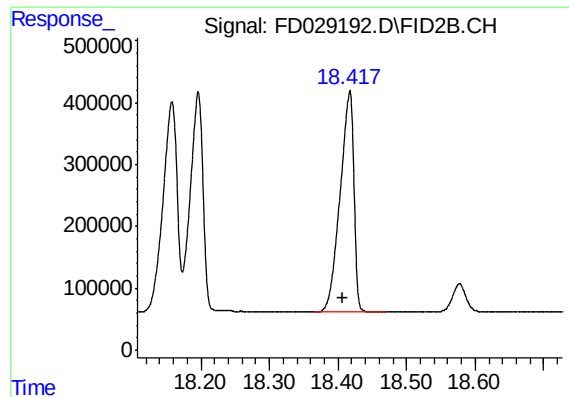
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.158 min
Delta R.T.: 0.007 min
Response: 4885914
Conc: 50.28 ug/ml



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

R.T.: 18.196 min
Delta R.T.: 0.007 min
Response: 4555510
Conc: 50.65 ug/ml



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

R.T.: 18.417 min
Delta R.T.: 0.011 min
Response: 4968108
Conc: 49.12 ug/ml