

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101018AR\
 Data File : FD025954.D
 Signal(s) : FID2B.CH
 Acq On : 11 Oct 2018 6:49
 Operator : AJ\SJ
 Sample : J5164-07
 Misc : FID_D LOD EPH 2.5 PPM
 ALS Vial : 74 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 11 08:19:20 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 092618.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 26 13:16:31 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...	7.425	3447773	44.165 ug/ml
Spiked Amount 50.000		Recovery =	88.33%
6) S 2-Fluorobiphenyl (SURR)	8.277	2491857	45.223 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	90.45%
11) S ortho-Terphenyl (SURR)	11.321	3666564	42.628 ug/ml
Spiked Amount 50.000		Recovery =	85.26%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.225	137281	1.621 ug/ml
2) T Naphthalene (C11.7)	5.759	168200	1.836 ug/ml
3) T 2-Methylnaphthalene (...)	6.809	170142	1.906 ug/ml
5) T Acenaphthylene (C15.06)	8.079	182781	2.100 ug/ml
7) T Acenaphthene (C15.5)	8.373	186917	2.057 ug/ml
8) T Flouorene (C16.55)	9.152	182452	2.031 ug/ml
9) T Phenanthrene (C19.36)	10.541	190652	2.047 ug/ml
10) T Anthracene (C19.43)	10.615	186859	2.041 ug/ml
12) T Fluoranthene (C21.85)	12.346	225889	2.305 ug/ml
13) T Pyrene (C20.8)	12.640	212652	2.135 ug/ml
14) T Benzo[a]anthracene (C...	14.509	198874	2.058 ug/ml
15) T Chrysene (C27.41)	14.550	205272	2.111 ug/ml
16) T benzo[b]fluoranthene ...	16.053	202546	2.062 ug/ml
17) T Bnezo[k]fluoranthene ...	16.085	201888	2.071 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.429	194327	1.989 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.790	158969	1.677 ug/ml
21) T Benzo[g,h,i]perylene ...	18.040	189271	1.967 ug/ml

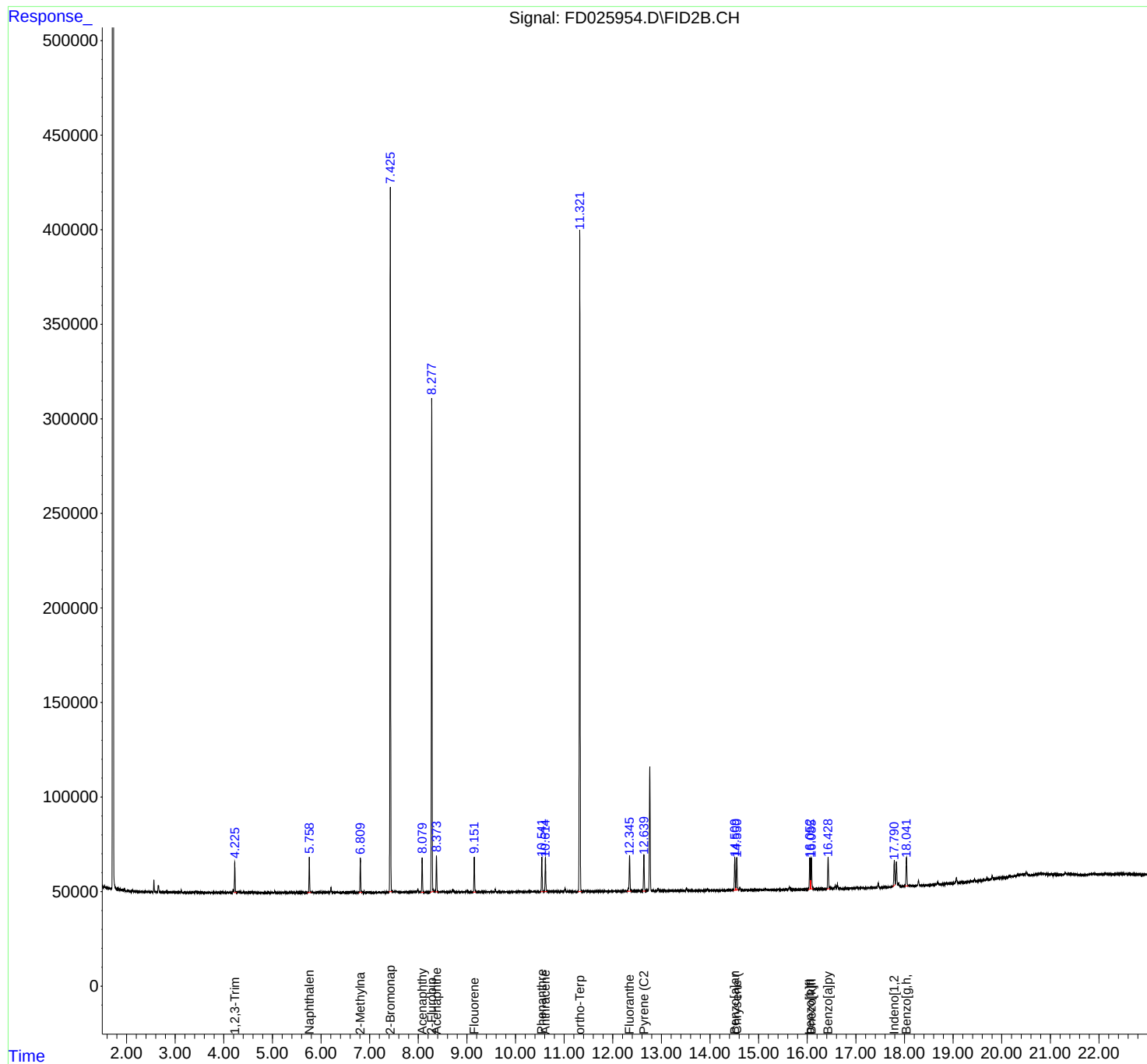
(f)=RT Delta > 1/2 Window

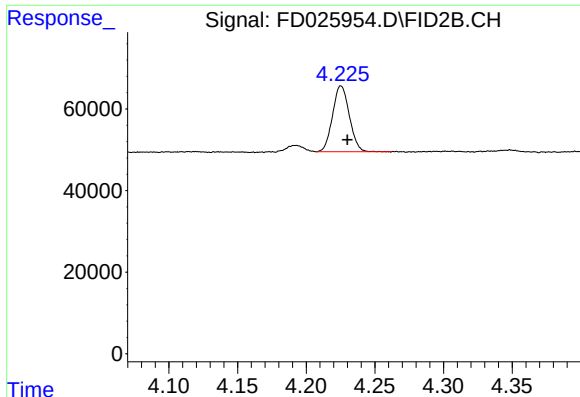
(m)=manual int.

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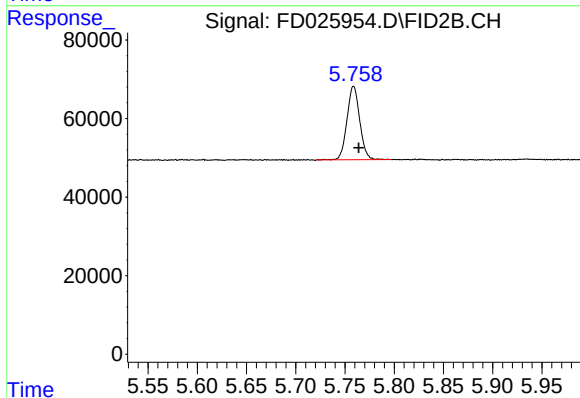
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





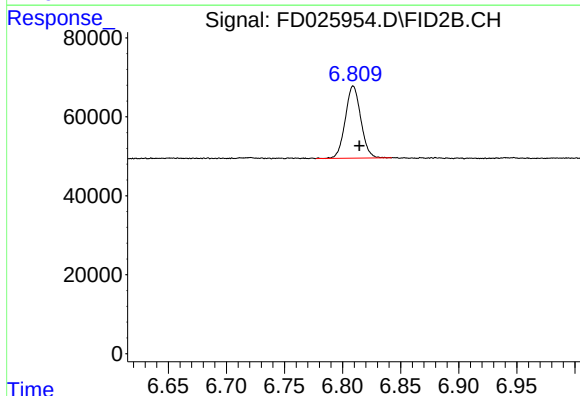
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.225 min
Delta R.T.: -0.005 min
Response: 137281
Conc: 1.62 ug/ml



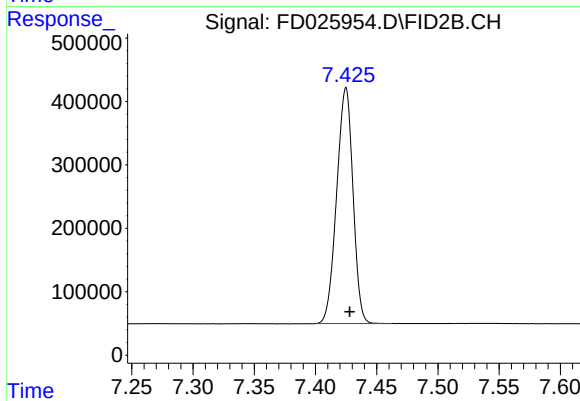
#2 Naphthalene (C11.7)

R.T.: 5.759 min
Delta R.T.: -0.005 min
Response: 168200
Conc: 1.84 ug/ml



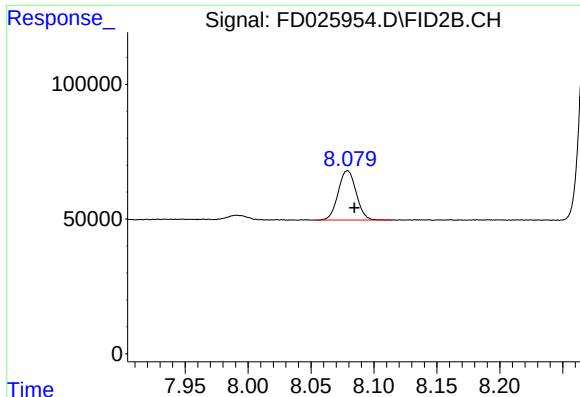
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.809 min
Delta R.T.: -0.005 min
Response: 170142
Conc: 1.91 ug/ml



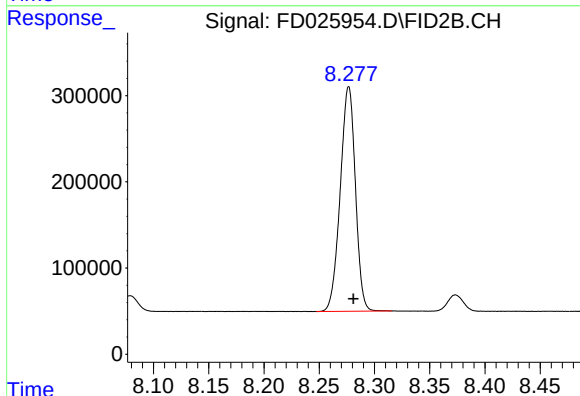
#4 2-Bromonaphthalene (SURR)

R.T.: 7.425 min
Delta R.T.: -0.003 min
Response: 3447773
Conc: 44.16 ug/ml



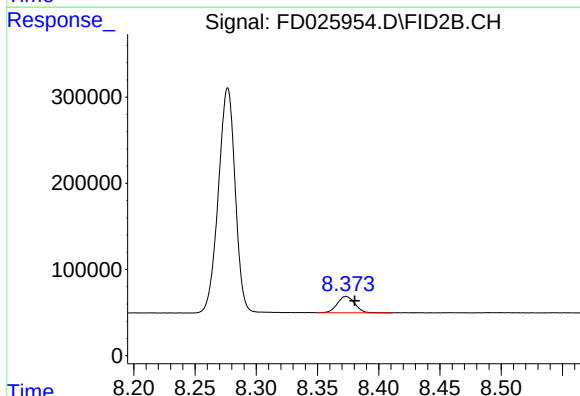
#5 Acenaphthylene (C15.06)

R.T.: 8.079 min
Delta R.T.: -0.006 min
Response: 182781
Conc: 2.10 ug/ml



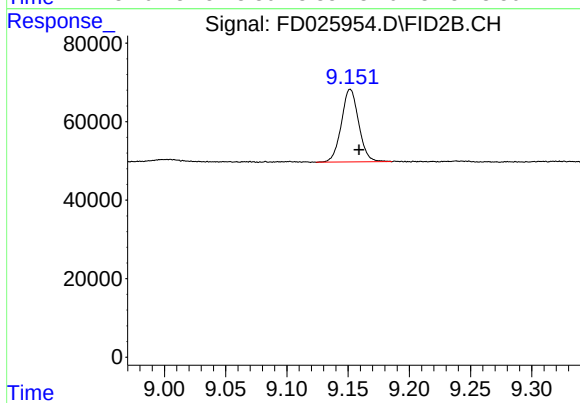
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.277 min
Delta R.T.: -0.004 min
Response: 2491857
Conc: 45.22 ug/ml



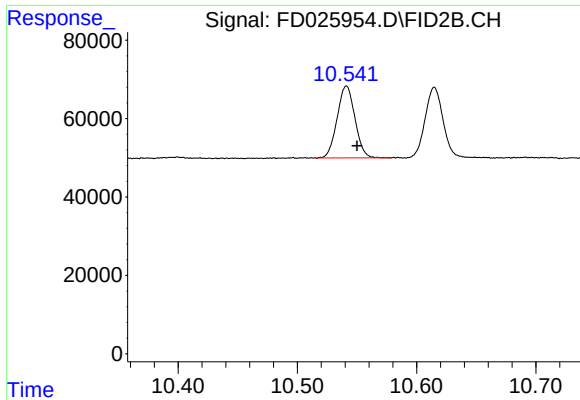
#7 Acenaphthene (C15.5)

R.T.: 8.373 min
Delta R.T.: -0.007 min
Response: 186917
Conc: 2.06 ug/ml



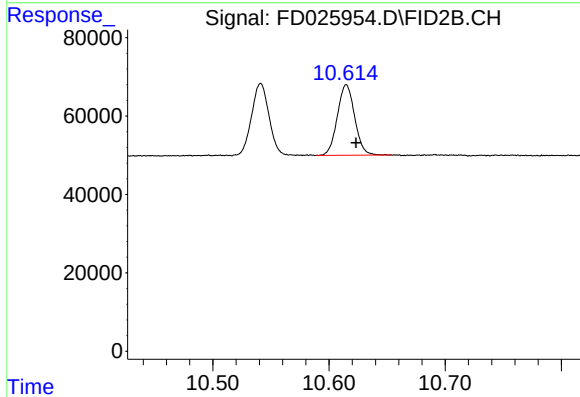
#8 Fluorene (C16.55)

R.T.: 9.152 min
Delta R.T.: -0.007 min
Response: 182452
Conc: 2.03 ug/ml



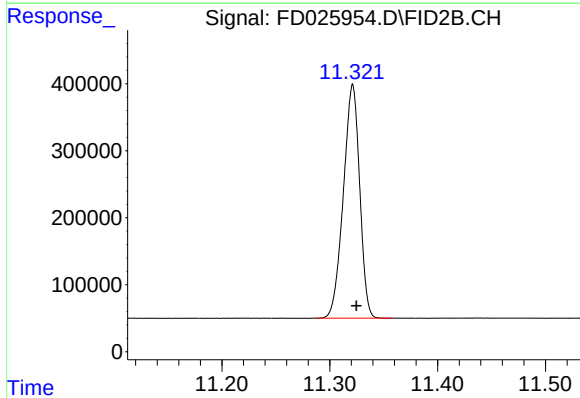
#9 Phenanthrene (C19.36)

R.T.: 10.541 min
Delta R.T.: -0.009 min
Response: 190652
Conc: 2.05 ug/ml



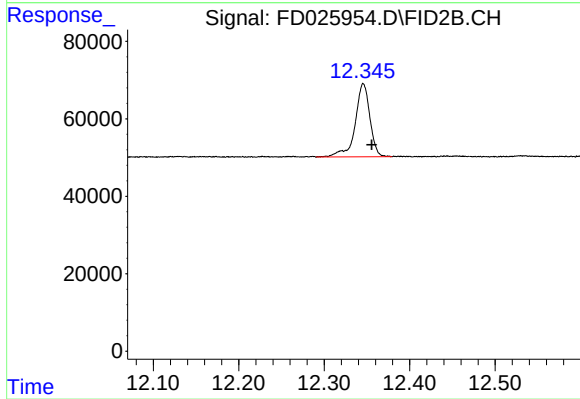
#10 Anthracene (C19.43)

R.T.: 10.615 min
Delta R.T.: -0.008 min
Response: 186859
Conc: 2.04 ug/ml



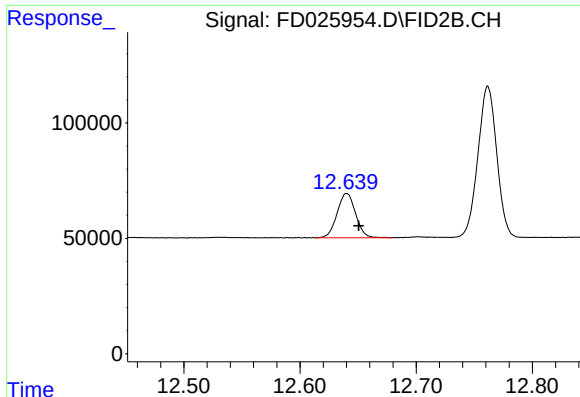
#11 ortho-Terphenyl (SURR)

R.T.: 11.321 min
Delta R.T.: -0.003 min
Response: 3666564
Conc: 42.63 ug/ml



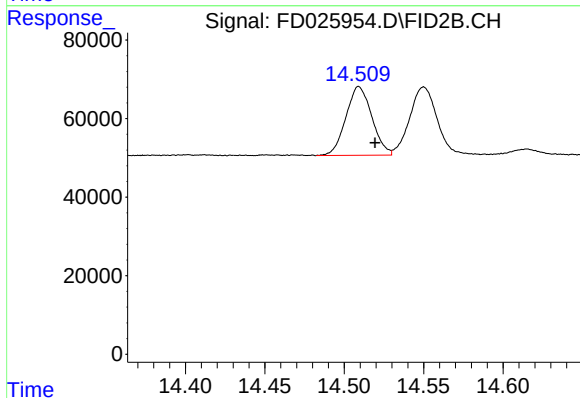
#12 Fluoranthene (C21.85)

R.T.: 12.346 min
Delta R.T.: -0.010 min
Response: 225889
Conc: 2.30 ug/ml



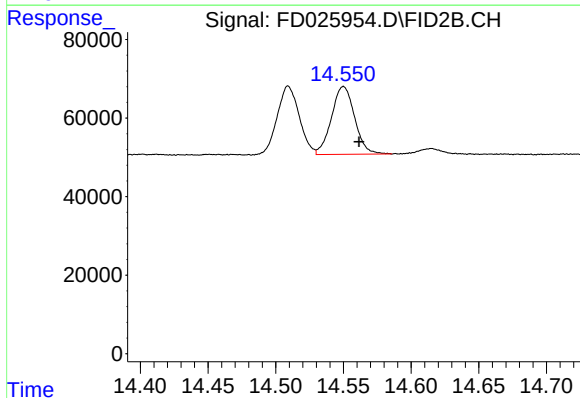
#13 Pyrene (C20.8)

R.T.: 12.640 min
Delta R.T.: -0.010 min
Response: 212652
Conc: 2.14 ug/ml



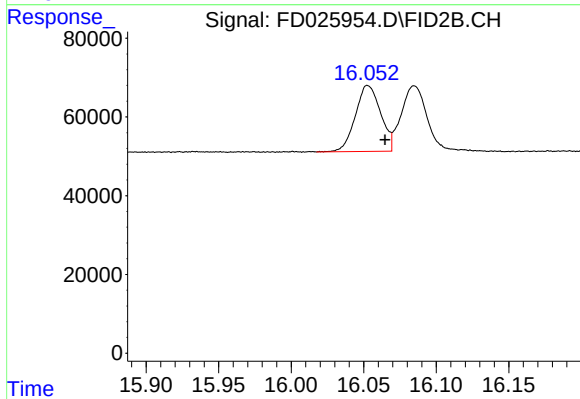
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.509 min
Delta R.T.: -0.010 min
Response: 198874
Conc: 2.06 ug/ml



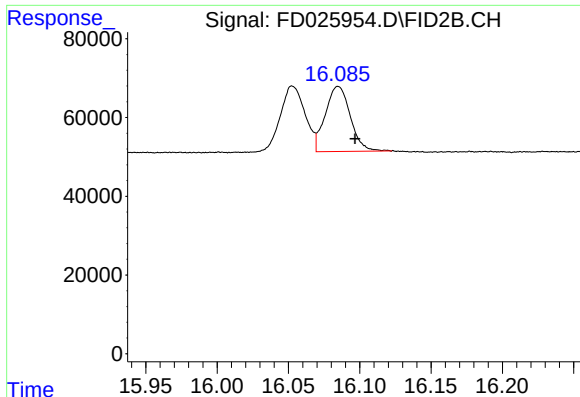
#15 Chrysene (C27.41)

R.T.: 14.550 min
Delta R.T.: -0.011 min
Response: 205272
Conc: 2.11 ug/ml



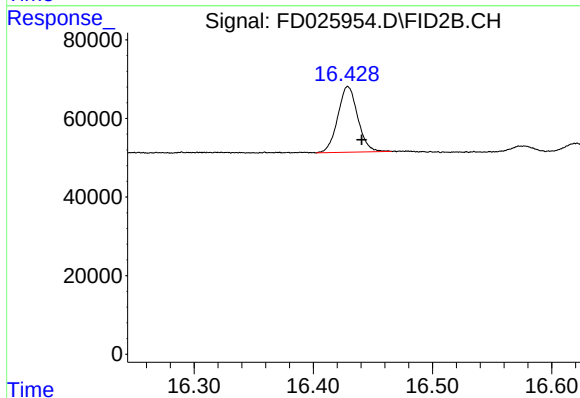
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.053 min
Delta R.T.: -0.012 min
Response: 202546
Conc: 2.06 ug/ml



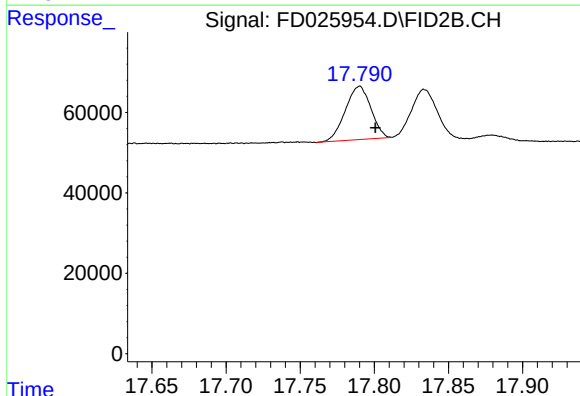
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.085 min
Delta R.T.: -0.012 min
Response: 201888
Conc: 2.07 ug/ml



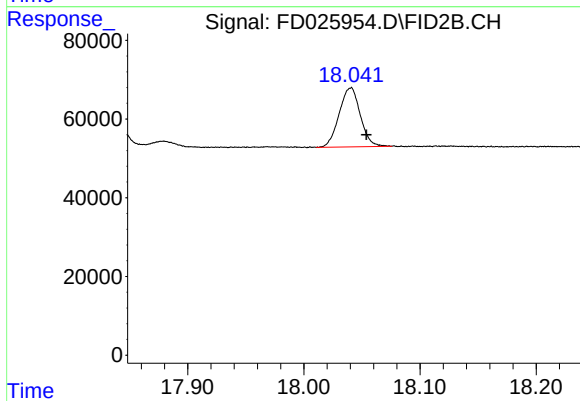
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.429 min
Delta R.T.: -0.012 min
Response: 194327
Conc: 1.99 ug/ml



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

R.T.: 17.790 min
Delta R.T.: -0.011 min
Response: 158969
Conc: 1.68 ug/ml



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

R.T.: 18.040 min
Delta R.T.: -0.014 min
Response: 189271
Conc: 1.97 ug/ml