

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102618AR\
 Data File : FD026140.D
 Signal(s) : FID2B.CH
 Acq On : 26 Oct 2018 21:35
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 27 00:07:11 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101718.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 18 11:23:05 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...	7.413	1300961	17.597 ug/ml
Spiked Amount 50.000		Recovery =	35.19%
6) S 2-Fluorobiphenyl (SURR)	8.264	908554	17.699 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.40%
11) S ortho-Terphenyl (SURR)	11.308	1426826	18.061 ug/ml
Spiked Amount 50.000		Recovery =	36.12%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.215	1498353	18.729 ug/ml
2) T Naphthalene (C11.7)	5.748	1568289	18.249 ug/ml
3) T 2-Methylnaphthalene (...)	6.799	1503266	17.891 ug/ml
5) T Acenaphthylene (C15.06)	8.068	1453964	17.900 ug/ml
7) T Acenaphthene (C15.5)	8.364	1512806	17.855 ug/ml
8) T Fluorene (C16.55)	9.142	1489097	17.661 ug/ml
9) T Phenanthrene (C19.36)	10.531	1537639	18.236 ug/ml
10) T Anthracene (C19.43)	10.605	1497941	18.214 ug/ml
12) T Fluoranthene (C21.85)	12.337	1646273	19.345 ug/ml
13) T Pyrene (C20.8)	12.630	1693795	19.761 ug/ml
14) T Benzo[a]anthracene (C...	14.500	1759224	21.147 ug/ml
15) T Chrysene (C27.41)	14.541	1791577	21.326 ug/ml
16) T benzo[b]fluoranthene ...	16.047	1947099	21.759 ug/ml
17) T Bnezo[k]fluoranthene ...	16.079	1946956	21.842 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.422	1962099	21.760 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.785	1945854	20.763 ug/ml
20) T Dibenz[a,h]anthracene...	17.826	1894277	20.902 ug/ml
21) T Benzo[g,h,i]perylene ...	18.037	2005730	20.839 ug/ml

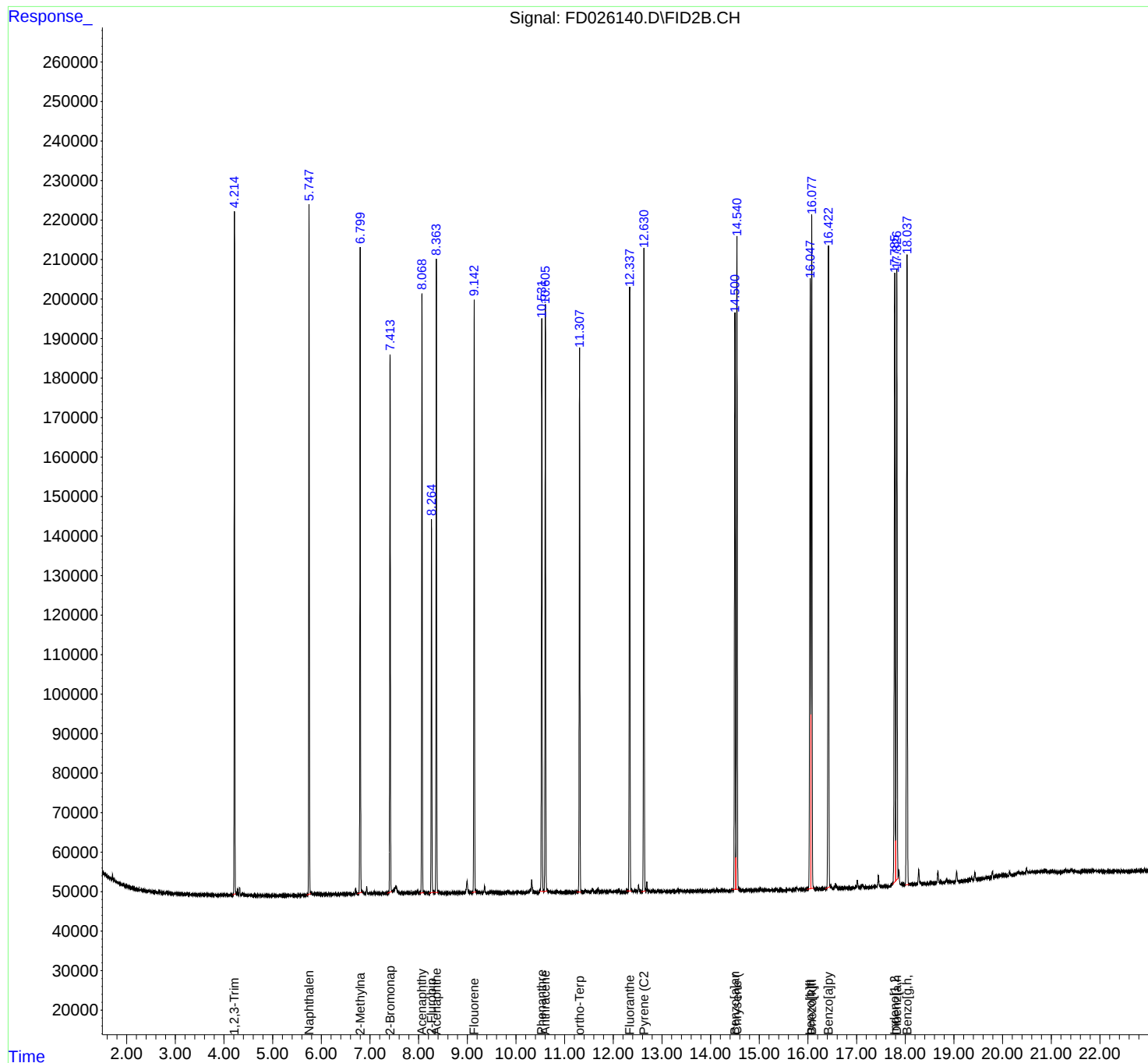
(f)=RT Delta > 1/2 Window

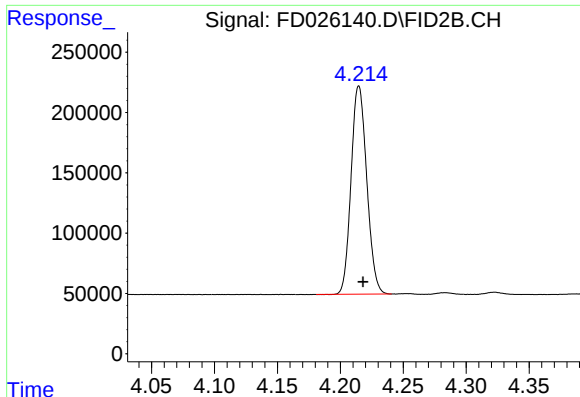
(m)=manual int.

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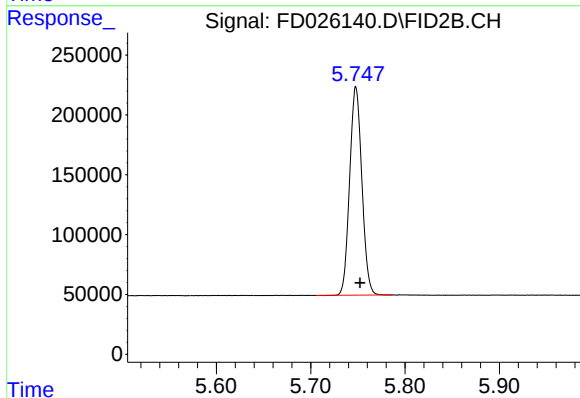
Volume Inj. : 1 µl
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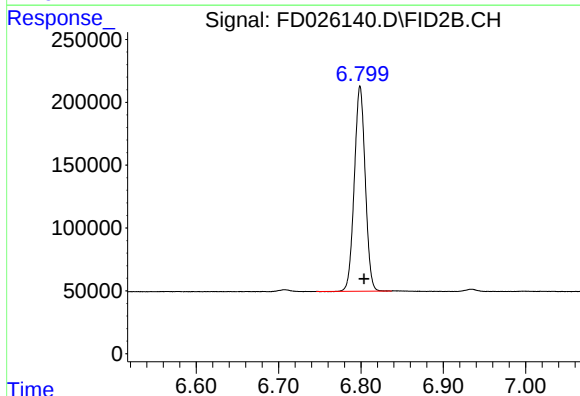
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.215 min
Delta R.T.: -0.003 min
Response: 1498353
Conc: 18.73 ug/ml



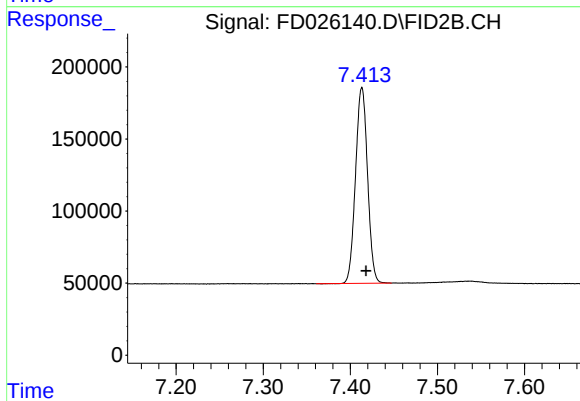
#2 Naphthalene (C11.7)

R.T.: 5.748 min
Delta R.T.: -0.004 min
Response: 1568289
Conc: 18.25 ug/ml



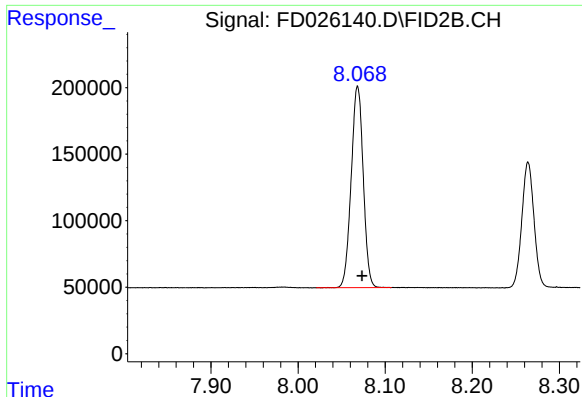
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.799 min
Delta R.T.: -0.005 min
Response: 1503266
Conc: 17.89 ug/ml



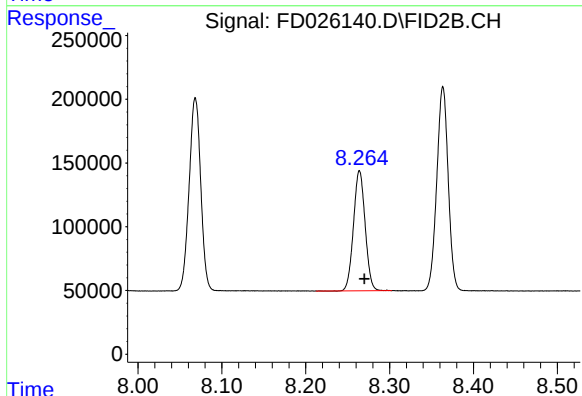
#4 2-Bromonaphthalene (SURR)

R.T.: 7.413 min
Delta R.T.: -0.005 min
Response: 1300961
Conc: 17.60 ug/ml



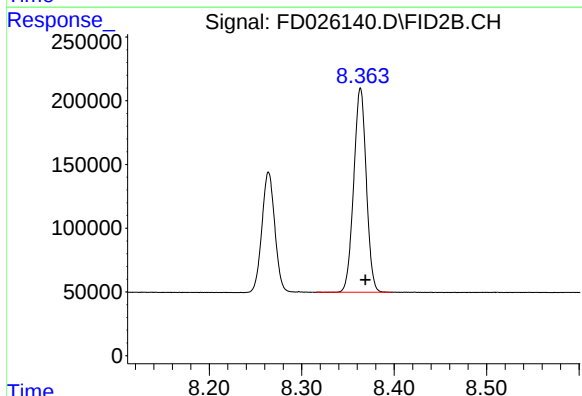
#5 Acenaphthylene (C15.06)

R.T.: 8.068 min
Delta R.T.: -0.005 min
Response: 1453964
Conc: 17.90 ug/ml



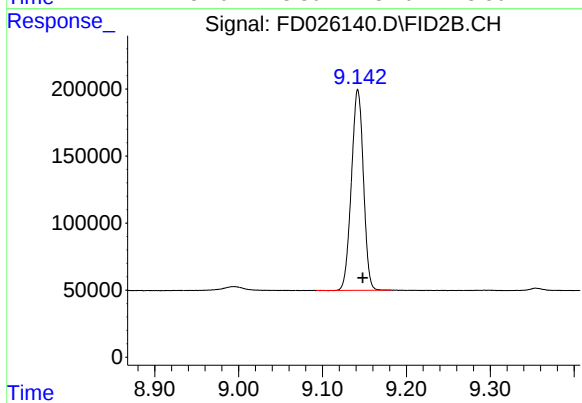
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.264 min
Delta R.T.: -0.006 min
Response: 908554
Conc: 17.70 ug/ml



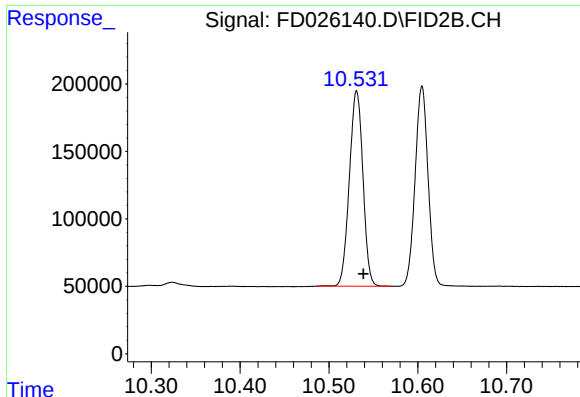
#7 Acenaphthene (C15.5)

R.T.: 8.364 min
Delta R.T.: -0.005 min
Response: 1512806
Conc: 17.86 ug/ml



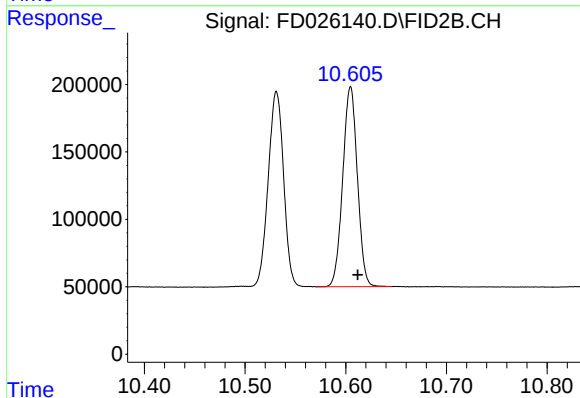
#8 Fluorene (C16.55)

R.T.: 9.142 min
Delta R.T.: -0.006 min
Response: 1489097
Conc: 17.66 ug/ml



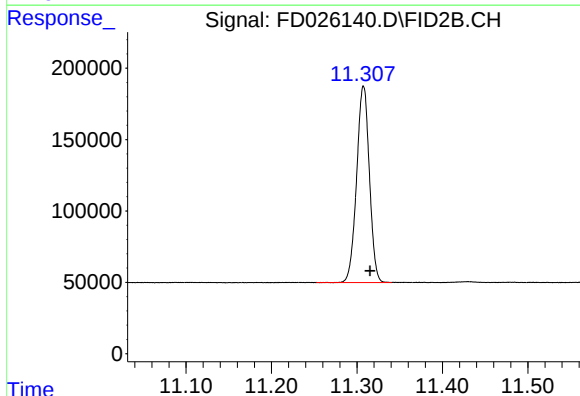
#9 Phenanthrene (C19.36)

R.T.: 10.531 min
Delta R.T.: -0.008 min
Response: 1537639
Conc: 18.24 ug/ml



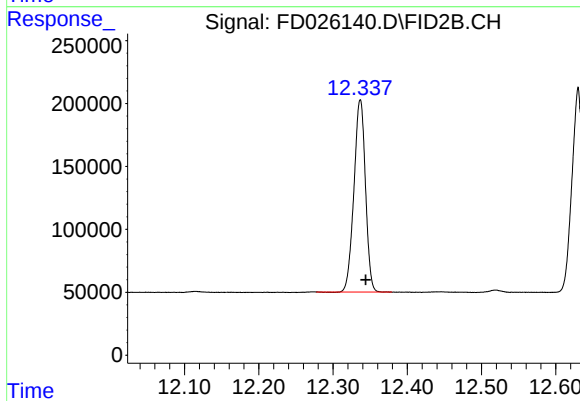
#10 Anthracene (C19.43)

R.T.: 10.605 min
Delta R.T.: -0.007 min
Response: 1497941
Conc: 18.21 ug/ml



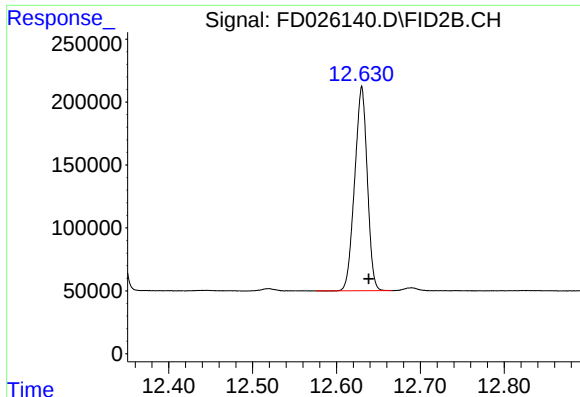
#11 ortho-Terphenyl (SURR)

R.T.: 11.308 min
Delta R.T.: -0.008 min
Response: 1426826
Conc: 18.06 ug/ml



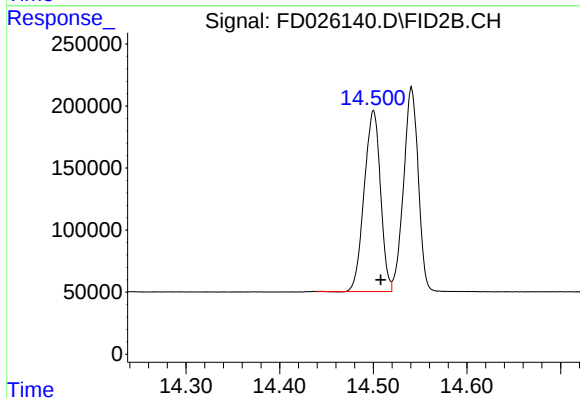
#12 Fluoranthene (C21.85)

R.T.: 12.337 min
Delta R.T.: -0.008 min
Response: 1646273
Conc: 19.35 ug/ml



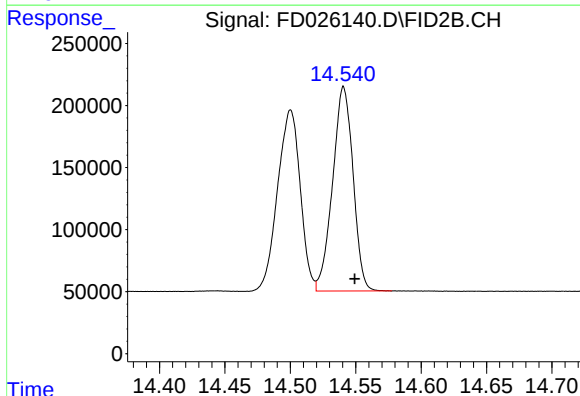
#13 Pyrene (C20.8)

R.T.: 12.630 min
Delta R.T.: -0.008 min
Response: 1693795
Conc: 19.76 ug/ml



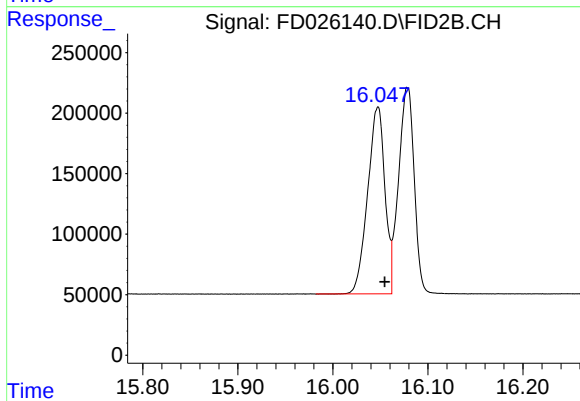
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.500 min
Delta R.T.: -0.008 min
Response: 1759224
Conc: 21.15 ug/ml



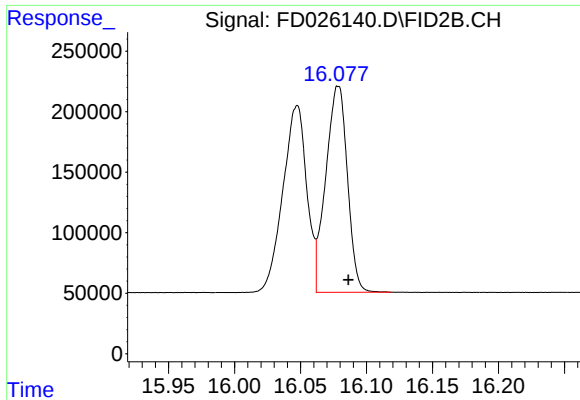
#15 Chrysene (C27.41)

R.T.: 14.541 min
Delta R.T.: -0.009 min
Response: 1791577
Conc: 21.33 ug/ml



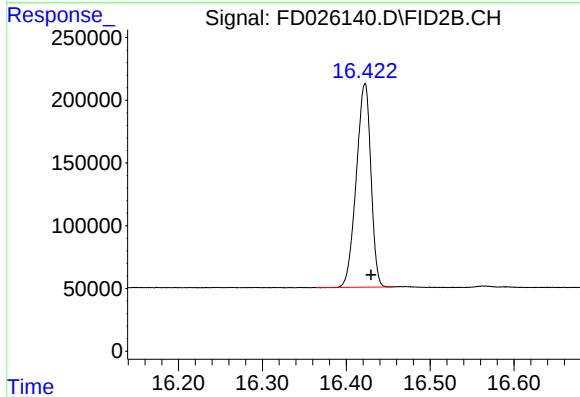
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.047 min
Delta R.T.: -0.007 min
Response: 1947099
Conc: 21.76 ug/ml



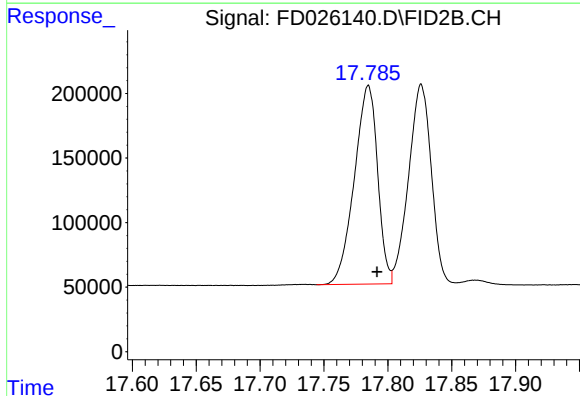
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.079 min
Delta R.T.: -0.008 min
Response: 1946956
Conc: 21.84 ug/ml



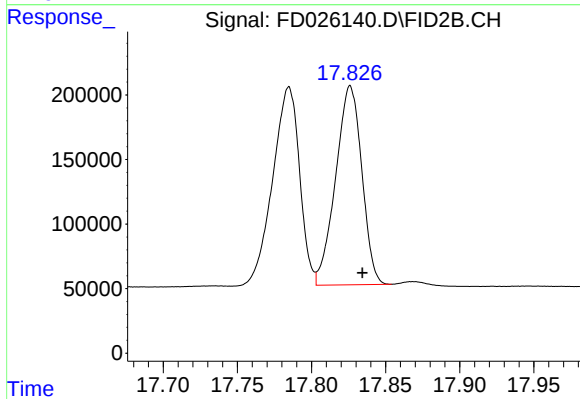
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.422 min
Delta R.T.: -0.007 min
Response: 1962099
Conc: 21.76 ug/ml



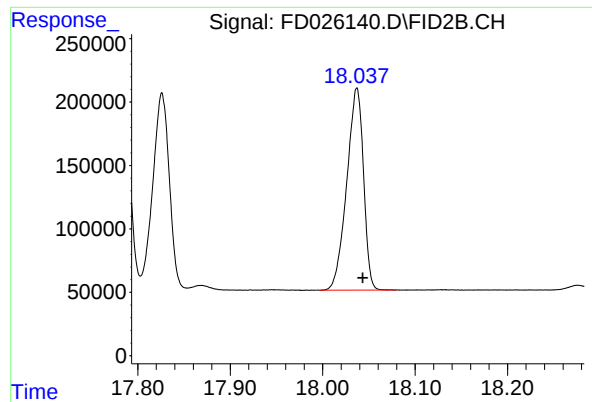
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.785 min
Delta R.T.: -0.007 min
Response: 1945854
Conc: 20.76 ug/ml



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

R.T.: 17.826 min
Delta R.T.: -0.008 min
Response: 1894277
Conc: 20.90 ug/ml



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

R.T.: 18.037 min
Delta R.T.: -0.006 min
Response: 2005730
Conc: 20.84 ug/ml