

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021219AR\
 Data File : FD027702.D
 Signal(s) : FID2B.CH
 Acq On : 13 Feb 2019 3:58
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 13 04:57:40 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020419.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 05 01:03:41 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...	7.339	1654780	22.290 ug/ml
Spiked Amount 50.000		Recovery =	44.58%
6) S 2-Fluorobiphenyl (SURR)	8.188	1103358	21.686 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.37%
11) S ortho-Terphenyl (SURR)	11.227	1876960	21.174 ug/ml
Spiked Amount 50.000		Recovery =	42.35%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.147	1777698	22.492 ug/ml
2) T Naphthalene (C11.7)	5.676	1909017	22.428 ug/ml
3) T 2-Methylnaphthalene (...)	6.725	1882931	22.319 ug/ml
5) T Acenaphthylene (C15.06)	7.991	1817542	21.707 ug/ml
7) T Acenaphthene (C15.5)	8.286	1905842	21.682 ug/ml
8) T Flouorene (C16.55)	9.064	1836215	21.055 ug/ml
9) T Phenanthrene (C19.36)	10.450	1832479	20.861 ug/ml
10) T Anthracene (C19.43)	10.525	1793865	20.760 ug/ml
12) T Fluoranthene (C21.85)	12.253	1885314	21.059 ug/ml
13) T Pyrene (C20.8)	12.546	1884781	21.240 ug/ml
14) T Benzo[a]anthracene (C...	14.413	1890293	21.141 ug/ml
15) T Chrysene (C27.41)	14.455	1927693	21.227 ug/ml
16) T benzo[b]fluoranthene ...	15.956	1959576	20.064 ug/ml
17) T Bnezo[k]fluoranthene ...	15.988	2021031	20.440 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.330	1952093	19.965 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.690	1844144	18.596 ug/ml
20) T Dibenz[a,h]anthracene...	17.733	1835997	18.666 ug/ml
21) T Benzo[g,h,i]perylene ...	17.942	1939812	19.134 ug/ml

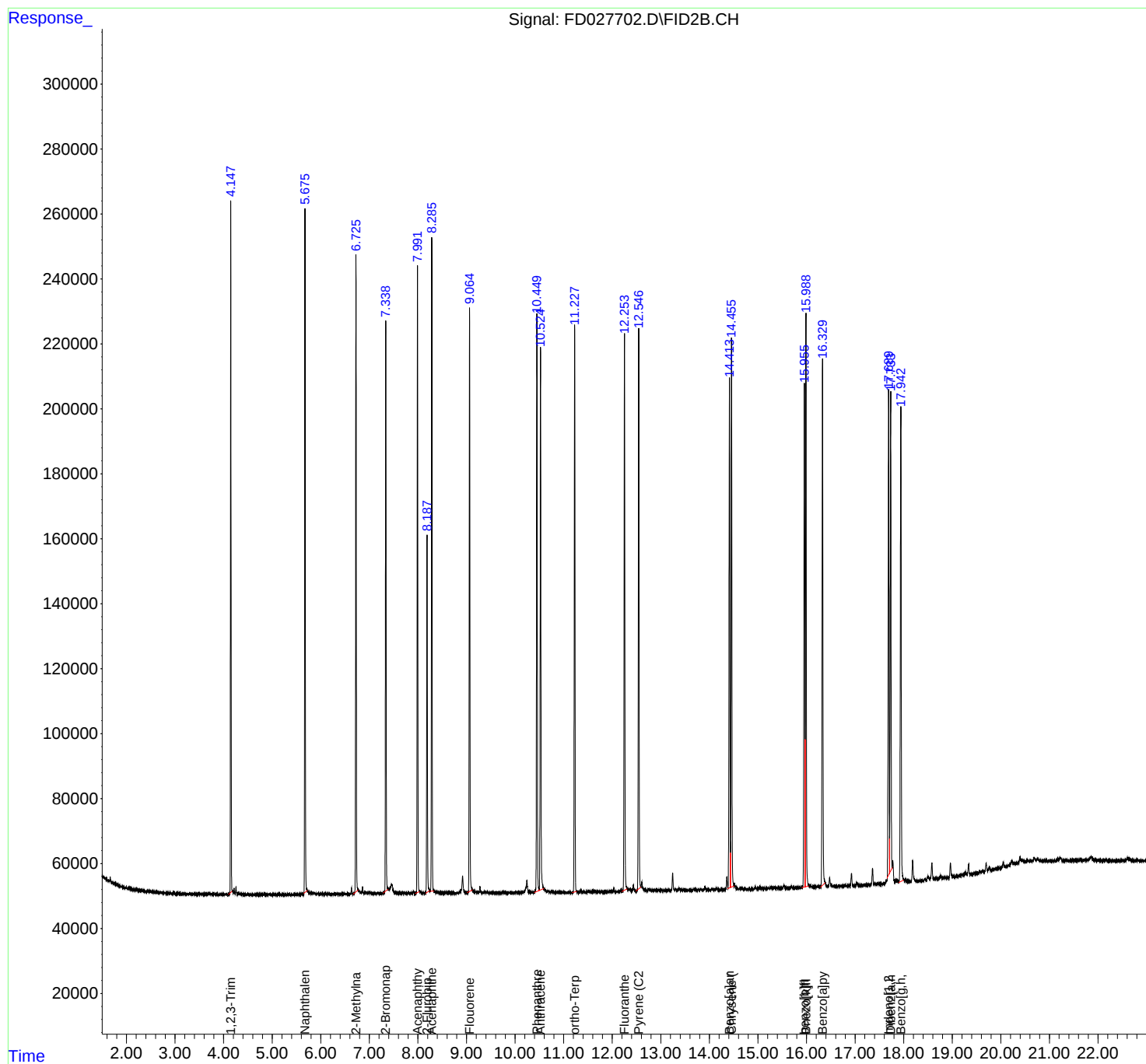
(f)=RT Delta > 1/2 Window

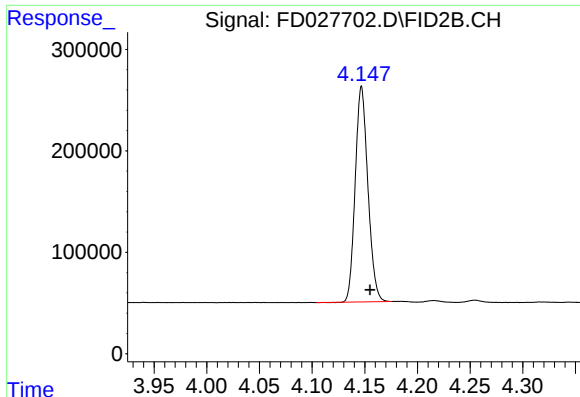
(m)=manual int.

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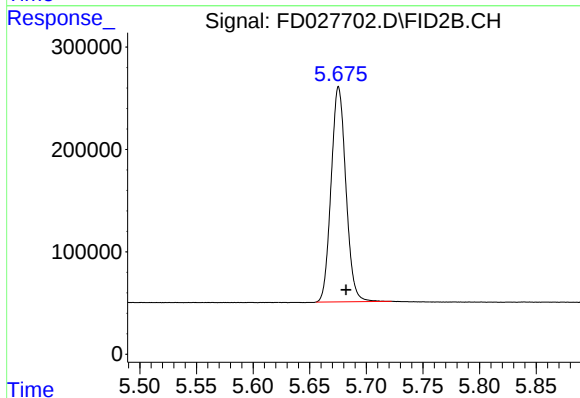
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





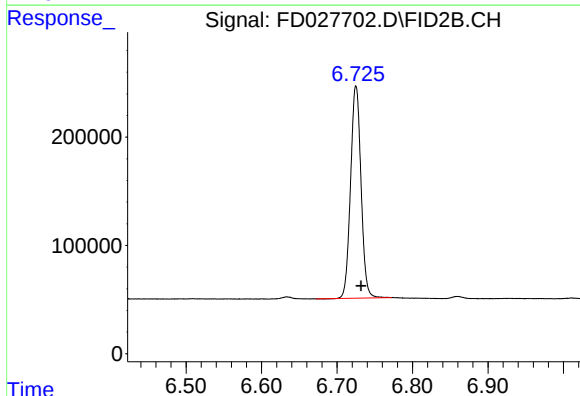
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.147 min
Delta R.T.: -0.008 min
Response: 1777698
Conc: 22.49 ug/ml



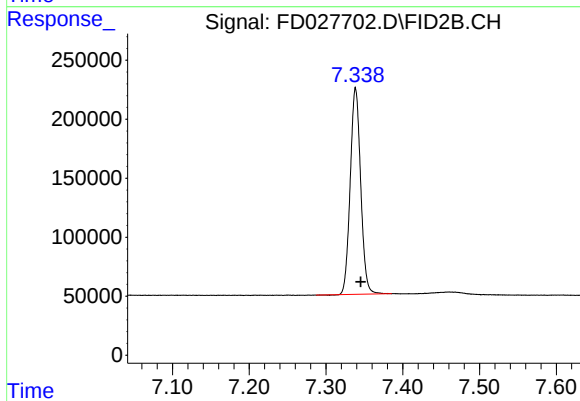
#2 Naphthalene (C11.7)

R.T.: 5.676 min
Delta R.T.: -0.007 min
Response: 1909017
Conc: 22.43 ug/ml



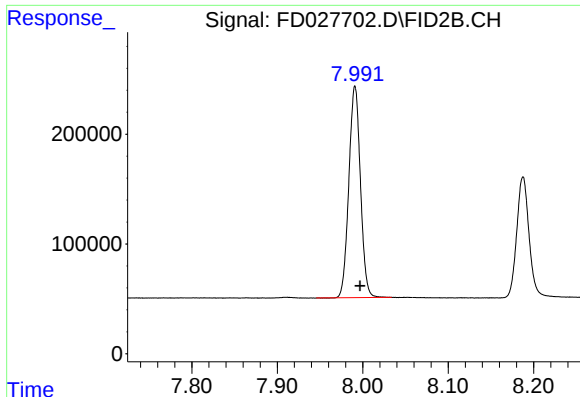
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.725 min
Delta R.T.: -0.007 min
Response: 1882931
Conc: 22.32 ug/ml



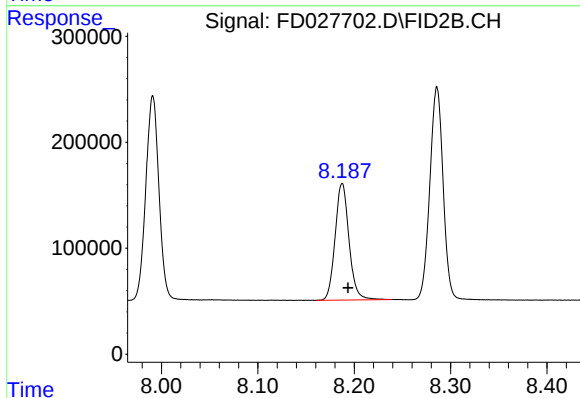
#4 2-Bromonaphthalene (SURR)

R.T.: 7.339 min
Delta R.T.: -0.007 min
Response: 1654780
Conc: 22.29 ug/ml



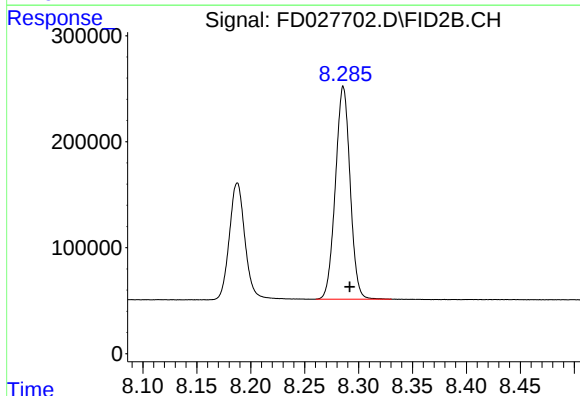
#5 Acenaphthylene (C15.06)

R.T.: 7.991 min
Delta R.T.: -0.006 min
Response: 1817542
Conc: 21.71 ug/ml



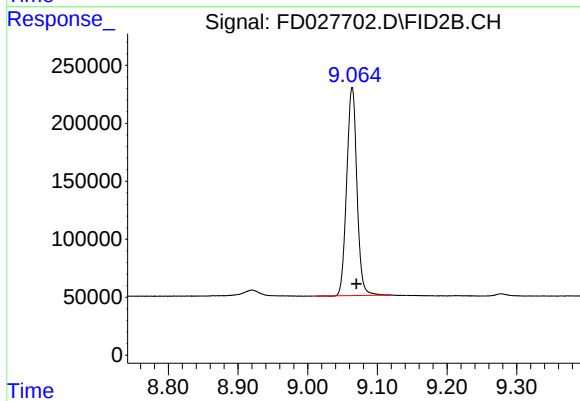
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.188 min
Delta R.T.: -0.006 min
Response: 1103358
Conc: 21.69 ug/ml



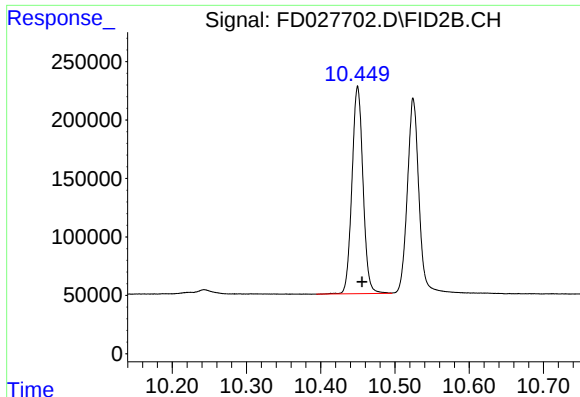
#7 Acenaphthene (C15.5)

R.T.: 8.286 min
Delta R.T.: -0.006 min
Response: 1905842
Conc: 21.68 ug/ml



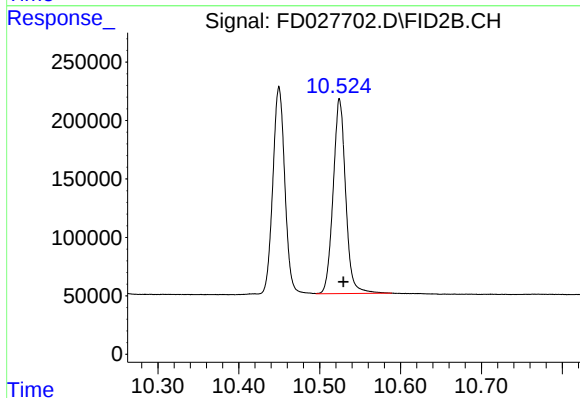
#8 Fluorene (C16.55)

R.T.: 9.064 min
Delta R.T.: -0.006 min
Response: 1836215
Conc: 21.06 ug/ml



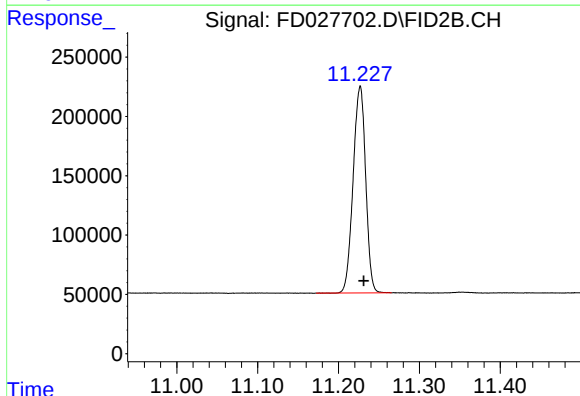
#9 Phenanthrene (C19.36)

R.T.: 10.450 min
Delta R.T.: -0.006 min
Response: 1832479
Conc: 20.86 ug/ml



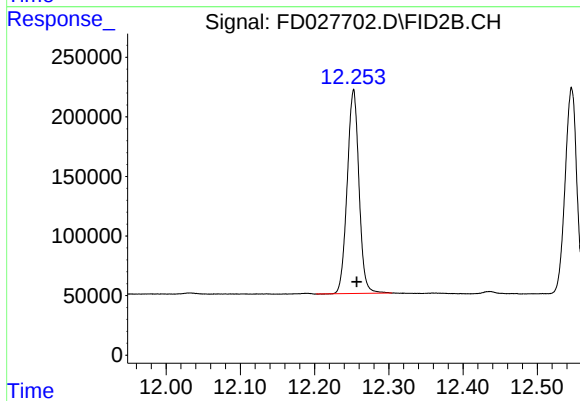
#10 Anthracene (C19.43)

R.T.: 10.525 min
Delta R.T.: -0.005 min
Response: 1793865
Conc: 20.76 ug/ml



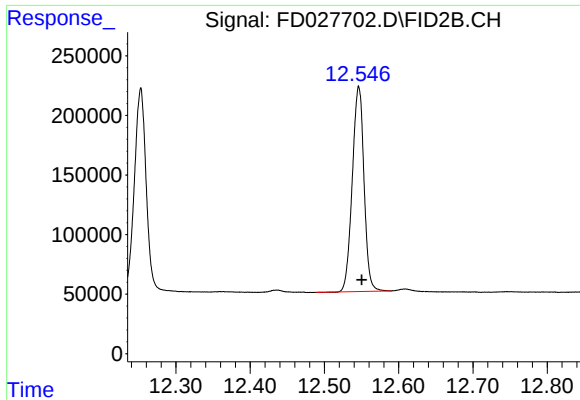
#11 ortho-Terphenyl (SURR)

R.T.: 11.227 min
Delta R.T.: -0.004 min
Response: 1876960
Conc: 21.17 ug/ml



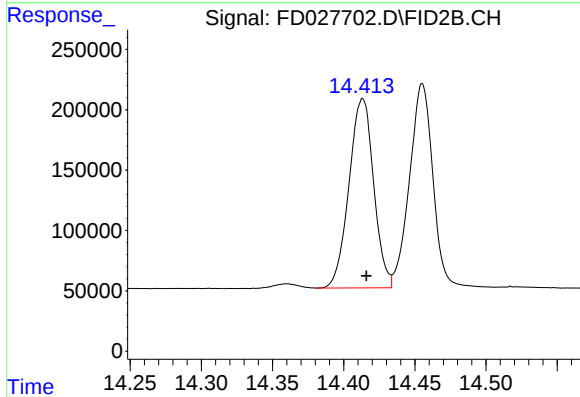
#12 Fluoranthene (C21.85)

R.T.: 12.253 min
Delta R.T.: -0.004 min
Response: 1885314
Conc: 21.06 ug/ml



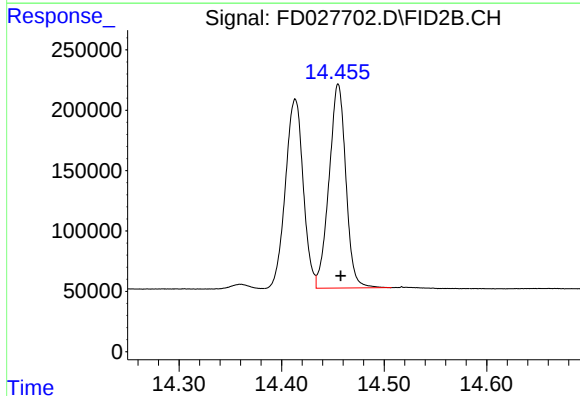
#13 Pyrene (C20.8)

R.T.: 12.546 min
Delta R.T.: -0.004 min
Response: 1884781
Conc: 21.24 ug/ml



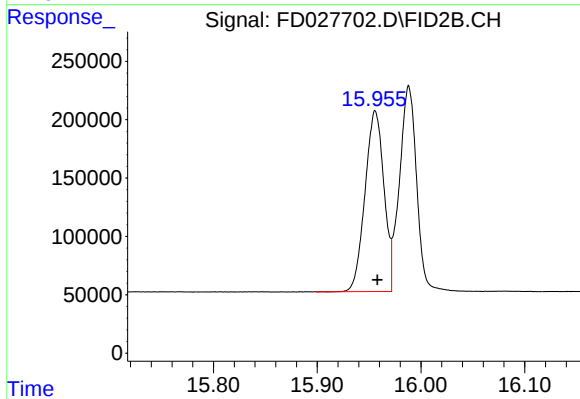
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.413 min
Delta R.T.: -0.003 min
Response: 1890293
Conc: 21.14 ug/ml



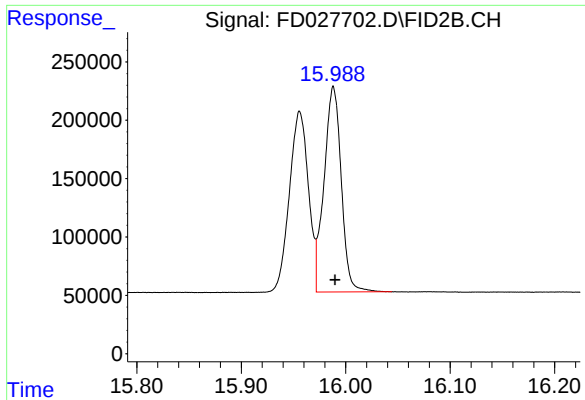
#15 Chrysene (C27.41)

R.T.: 14.455 min
Delta R.T.: -0.002 min
Response: 1927693
Conc: 21.23 ug/ml



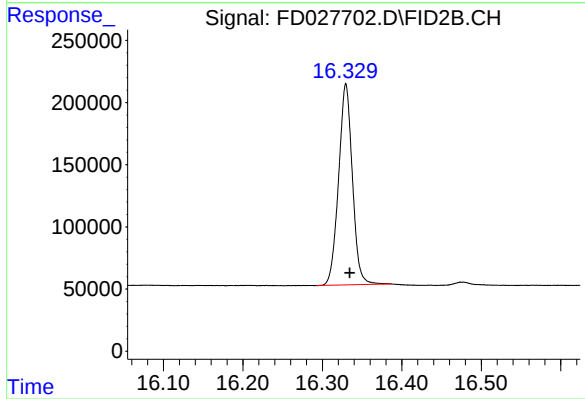
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.956 min
Delta R.T.: -0.002 min
Response: 1959576
Conc: 20.06 ug/ml



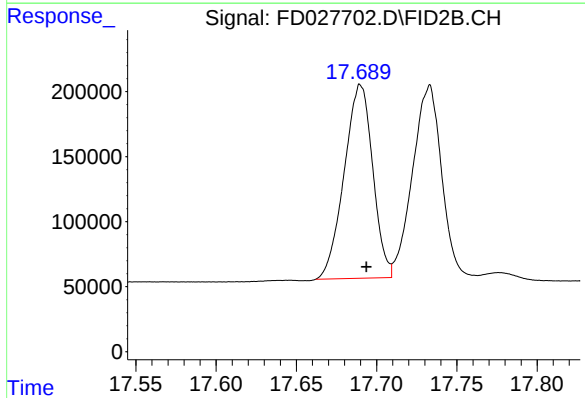
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.988 min
Delta R.T.: -0.002 min
Response: 2021031
Conc: 20.44 ug/ml



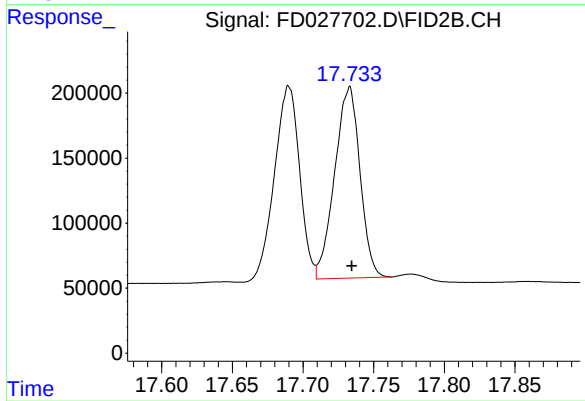
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.330 min
Delta R.T.: -0.005 min
Response: 1952093
Conc: 19.96 ug/ml



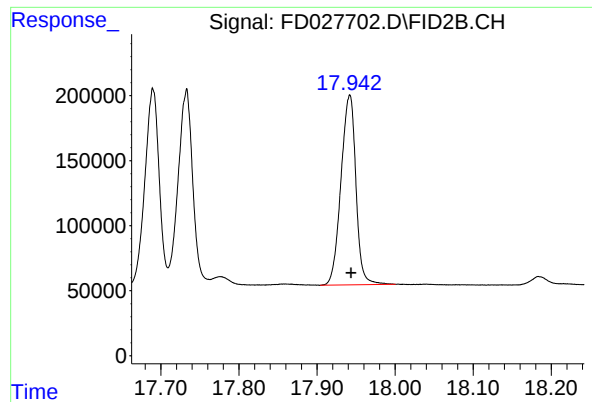
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.690 min
Delta R.T.: -0.004 min
Response: 1844144
Conc: 18.60 ug/ml



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

R.T.: 17.733 min
Delta R.T.: -0.002 min
Response: 1835997
Conc: 18.67 ug/ml



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

R.T.: 17.942 min
Delta R.T.: -0.002 min
Response: 1939812
Conc: 19.13 ug/ml