

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101519AR\
 Data File : FD031027.D
 Signal(s) : FID2B.CH
 Acq On : 15 Oct 2019 21:36
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 16 10:13:11 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101419.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 15 03:44:42 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...	7.553	2009637	21.024 ug/ml
Spiked Amount 50.000		Recovery =	42.05%
6) S 2-Fluorobiphenyl (SURR)	8.413	1332498	21.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.00%
11) S ortho-Terphenyl (SURR)	11.438	2193986	20.018 ug/ml
Spiked Amount 50.000		Recovery =	40.04%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.363	2087950	21.048 ug/ml
2) T Naphthalene (C11.7)	5.896	2177207	21.503 ug/ml
3) T 2-Methylnaphthalene (...)	6.944	2192536	21.384 ug/ml
5) T Acenaphthylene (C15.06)	8.213	2155146	20.878 ug/ml
7) T Acenaphthene (C15.5)	8.507	2272918	20.823 ug/ml
8) T Flouorene (C16.55)	9.287	2165584	20.891 ug/ml
9) T Phenanthrene (C19.36)	10.677	2161509	20.691 ug/ml
10) T Anthracene (C19.43)	10.754	2149369	20.484 ug/ml
12) T Fluoranthene (C21.85)	12.482	2171573	20.442 ug/ml
13) T Pyrene (C20.8)	12.777	2098867	19.808 ug/ml
14) T Benzo[a]anthracene (C...	14.643	1984130	20.653 ug/ml
15) T Chrysene (C27.41)	14.685	2219943	20.193 ug/ml
16) T benzo[b]fluoranthene ...	16.189	1989646	20.511 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.220	2182023	20.046 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.570	1946933	19.840 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.929	1801776	19.934 ug/mlm
20) T Dibenz[a,h]anthracene...	17.966	2171646	21.154 ug/ml
21) T Benzo[g,h,i]perylene ...	18.182	1934149	20.291 ug/ml

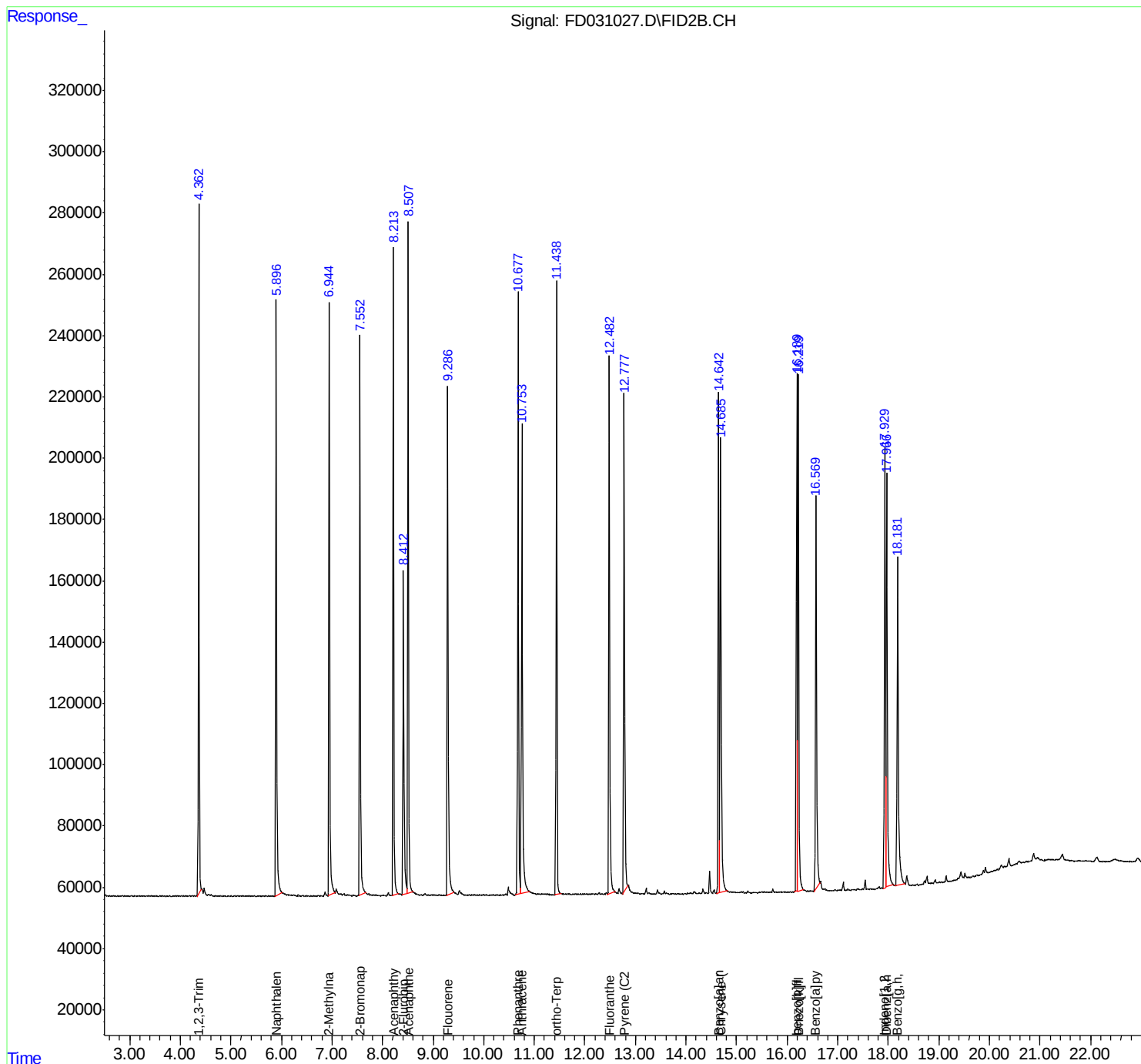
(f)=RT Delta > 1/2 Window

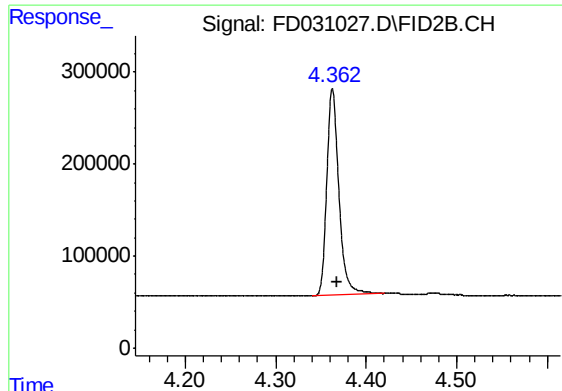
(m)=manual int.

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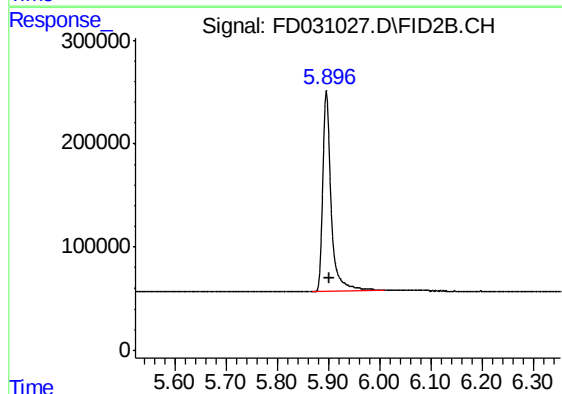
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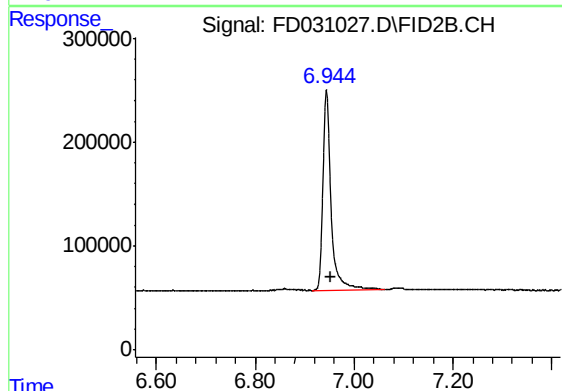
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.363 min
Delta R.T.: -0.005 min
Response: 2087950
Conc: 21.05 ug/ml



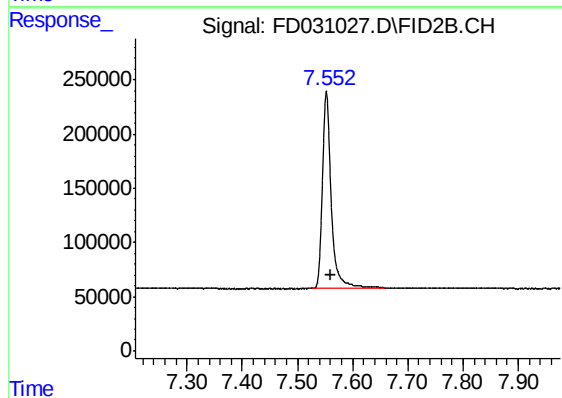
#2 Naphthalene (C11.7)

R.T.: 5.896 min
Delta R.T.: -0.006 min
Response: 2177207
Conc: 21.50 ug/ml



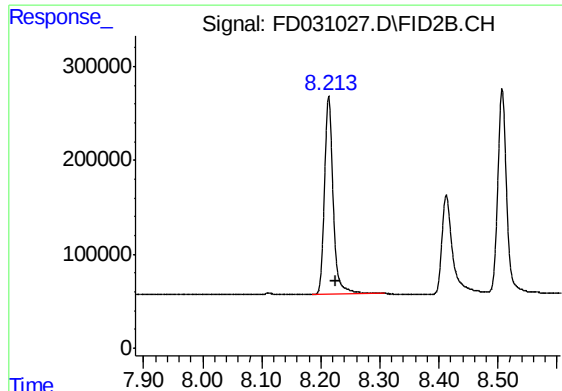
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.944 min
Delta R.T.: -0.008 min
Response: 2192536
Conc: 21.38 ug/ml



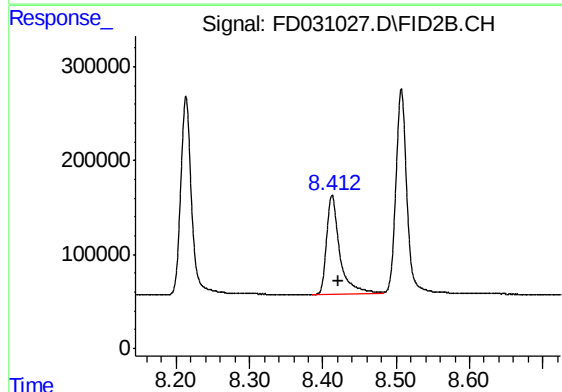
#4 2-Bromonaphthalene (SURR)

R.T.: 7.553 min
Delta R.T.: -0.007 min
Response: 2009637
Conc: 21.02 ug/ml



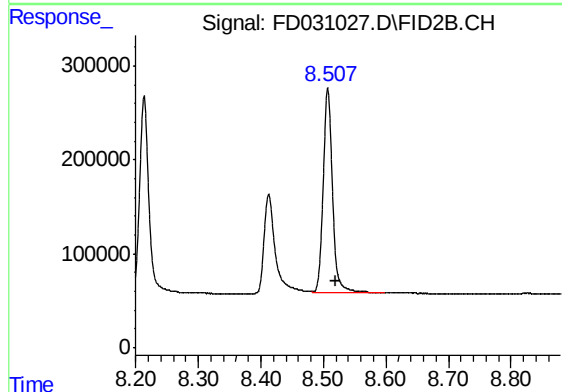
#5 Acenaphthylene (C15.06)

R.T.: 8.213 min
Delta R.T.: -0.011 min
Response: 2155146
Conc: 20.88 ug/ml



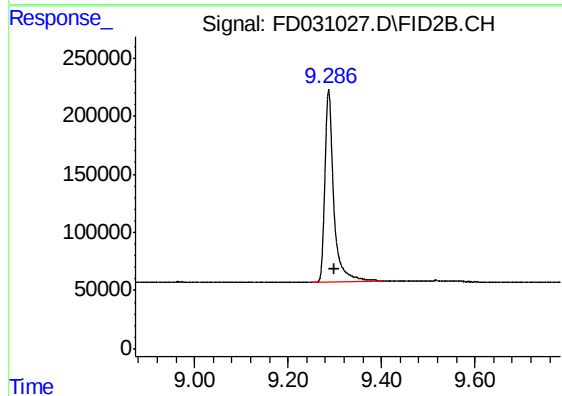
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.413 min
Delta R.T.: -0.008 min
Response: 1332498
Conc: 21.00 ug/ml



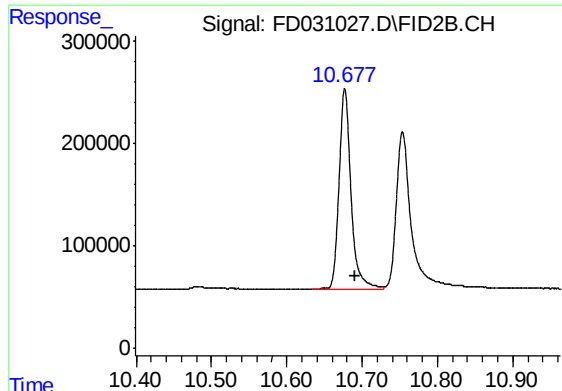
#7 Acenaphthene (C15.5)

R.T.: 8.507 min
Delta R.T.: -0.013 min
Response: 2272918
Conc: 20.82 ug/ml



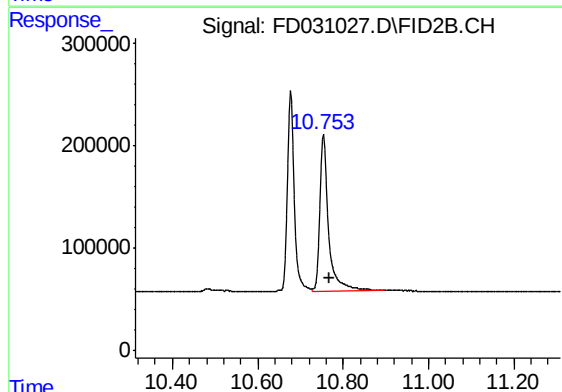
#8 Flouorene (C16.55)

R.T.: 9.287 min
Delta R.T.: -0.012 min
Response: 2165584
Conc: 20.89 ug/ml



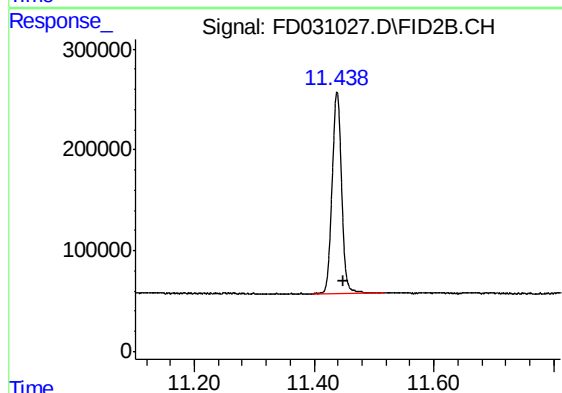
#9 Phenanthrene (C19.36)

R.T.: 10.677 min
Delta R.T.: -0.013 min
Response: 2161509
Conc: 20.69 ug/ml



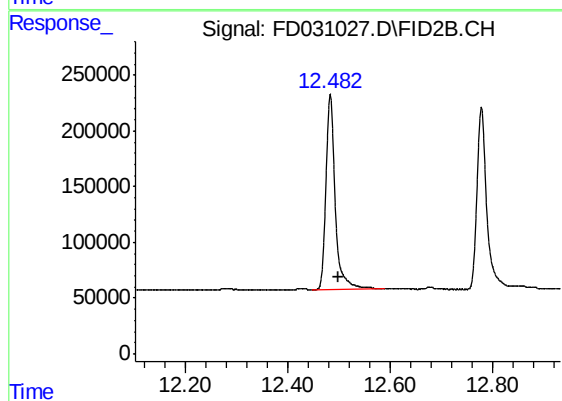
#10 Anthracene (C19.43)

R.T.: 10.754 min
Delta R.T.: -0.014 min
Response: 2149369
Conc: 20.48 ug/ml



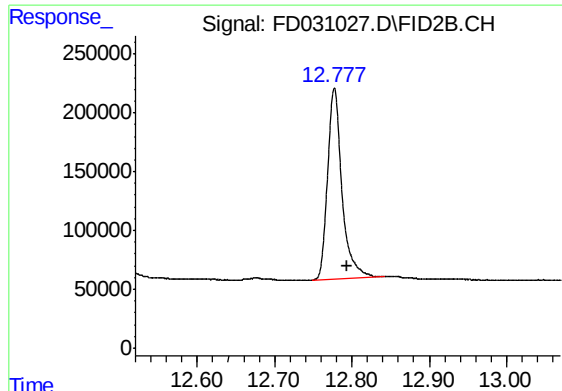
#11 ortho-Terphenyl (SURR)

R.T.: 11.438 min
Delta R.T.: -0.011 min
Response: 2193986
Conc: 20.02 ug/ml



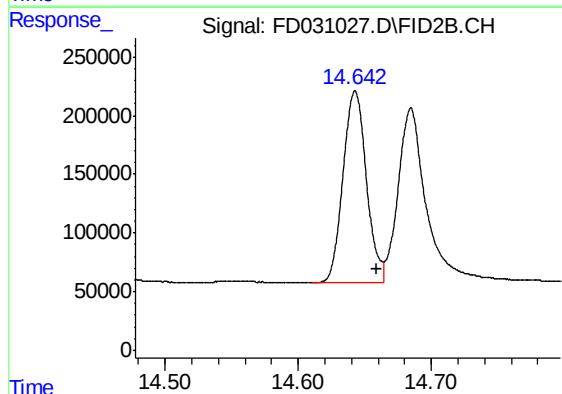
#12 Fluoranthene (C21.85)

R.T.: 12.482 min
Delta R.T.: -0.015 min
Response: 2171573
Conc: 20.44 ug/ml



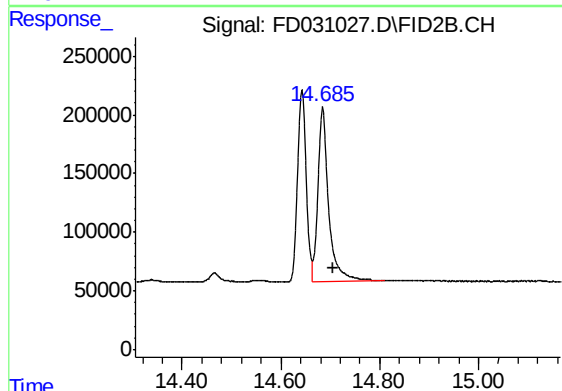
#13 Pyrene (C20.8)

R.T.: 12.777 min
Delta R.T.: -0.017 min
Response: 2098867
Conc: 19.81 ug/ml



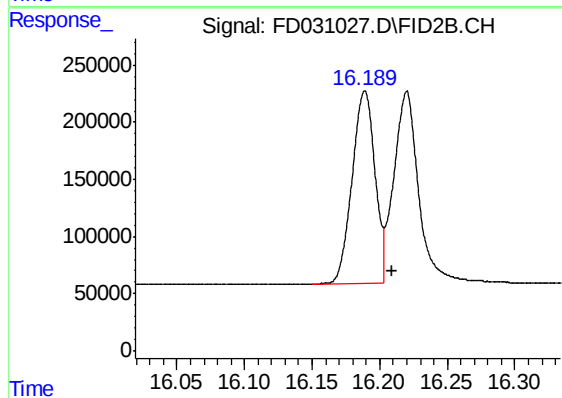
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.643 min
Delta R.T.: -0.016 min
Response: 1984130
Conc: 20.65 ug/ml



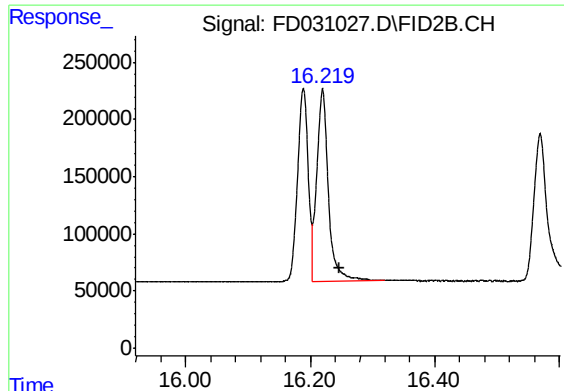
#15 Chrysene (C27.41)

R.T.: 14.685 min
Delta R.T.: -0.022 min
Response: 2219943
Conc: 20.19 ug/ml



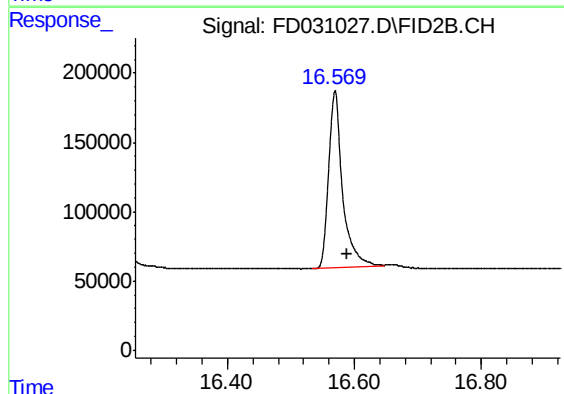
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.189 min
Delta R.T.: -0.021 min
Response: 1989646
Conc: 20.51 ug/ml m



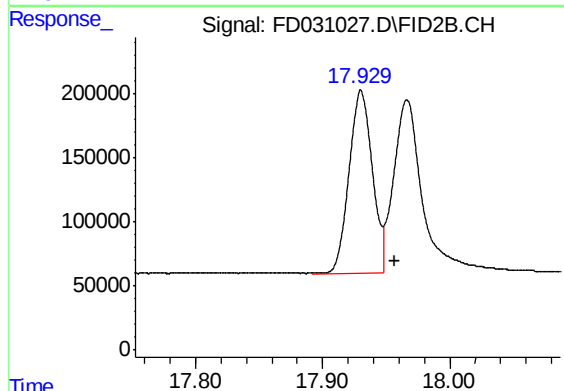
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.220 min
Delta R.T.: -0.027 min
Response: 2182023
Conc: 20.05 ug/ml



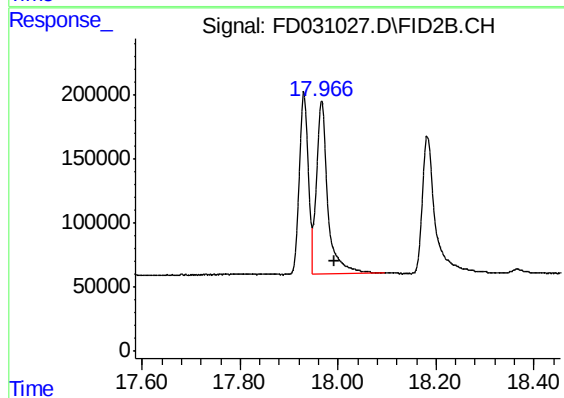
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.570 min
Delta R.T.: -0.020 min
Response: 1946933
Conc: 19.84 ug/ml



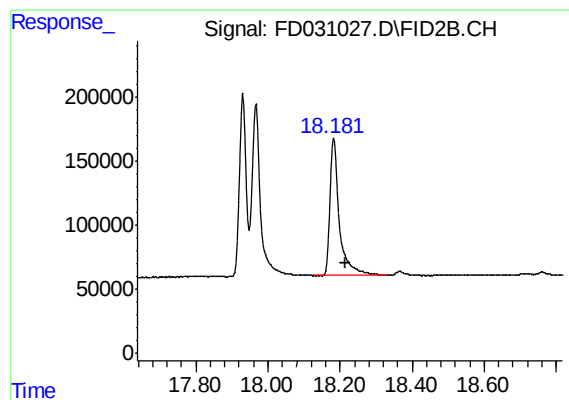
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.929 min
Delta R.T.: -0.027 min
Response: 1801776
Conc: 19.93 ug/ml m



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

R.T.: 17.966 min
Delta R.T.: -0.025 min
Response: 2171646
Conc: 21.15 ug/ml



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

R.T.: 18.182 min
Delta R.T.: -0.032 min
Response: 1934149
Conc: 20.29 ug/ml