

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062320AR\
 Data File : FD033748.D
 Signal(s) : FID2B.CH
 Acq On : 23 Jun 2020 9:55
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 24 01:47:02 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061820.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 19 09:50:25 2020
 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...	7.566	2255648	20.408 ug/ml
Spiked Amount 50.000		Recovery =	40.82%
6) S 2-Fluorobiphenyl (SURR)	8.429	1510654	20.352 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.70%
11) S ortho-Terphenyl (SURR)	11.455	2742243	19.744 ug/ml
Spiked Amount 50.000		Recovery =	39.49%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.375	2568043	20.384 ug/ml
2) T Naphthalene (C11.7)	5.909	2551194	20.296 ug/ml
3) T 2-Methylnaphthalene (...)	6.957	2594498	20.337 ug/ml
5) T Acenaphthylene (C15.06)	8.228	2600408	20.185 ug/ml
7) T Acenaphthene (C15.5)	8.522	2727595	20.384 ug/ml
8) T Fluorene (C16.55)	9.303	2536336	20.182 ug/ml
9) T Phenanthrene (C19.36)	10.697	2578960	20.087 ug/ml
10) T Anthracene (C19.43)	10.772	2490747	19.706 ug/ml
12) T Fluoranthene (C21.85)	12.506	2609493	19.816 ug/ml
13) T Pyrene (C20.8)	12.802	2520608	19.626 ug/ml
14) T Benzo[a]anthracene (C...	14.675	2348109	19.773 ug/ml
15) T Chrysene (C27.41)	14.716	2561456	19.344 ug/ml
16) T benzo[b]fluoranthene ...	16.229	2292589	19.368 ug/ml
17) T Bnezo[k]fluoranthene ...	16.259	2410978	18.870 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.609	2188011	18.243 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.980	1996832	19.166 ug/ml
20) T Dibenz[a,h]anthracene...	18.013	2330156	19.008 ug/ml
21) T Benzo[g,h,i]perylene ...	18.231	2172756	19.288 ug/ml

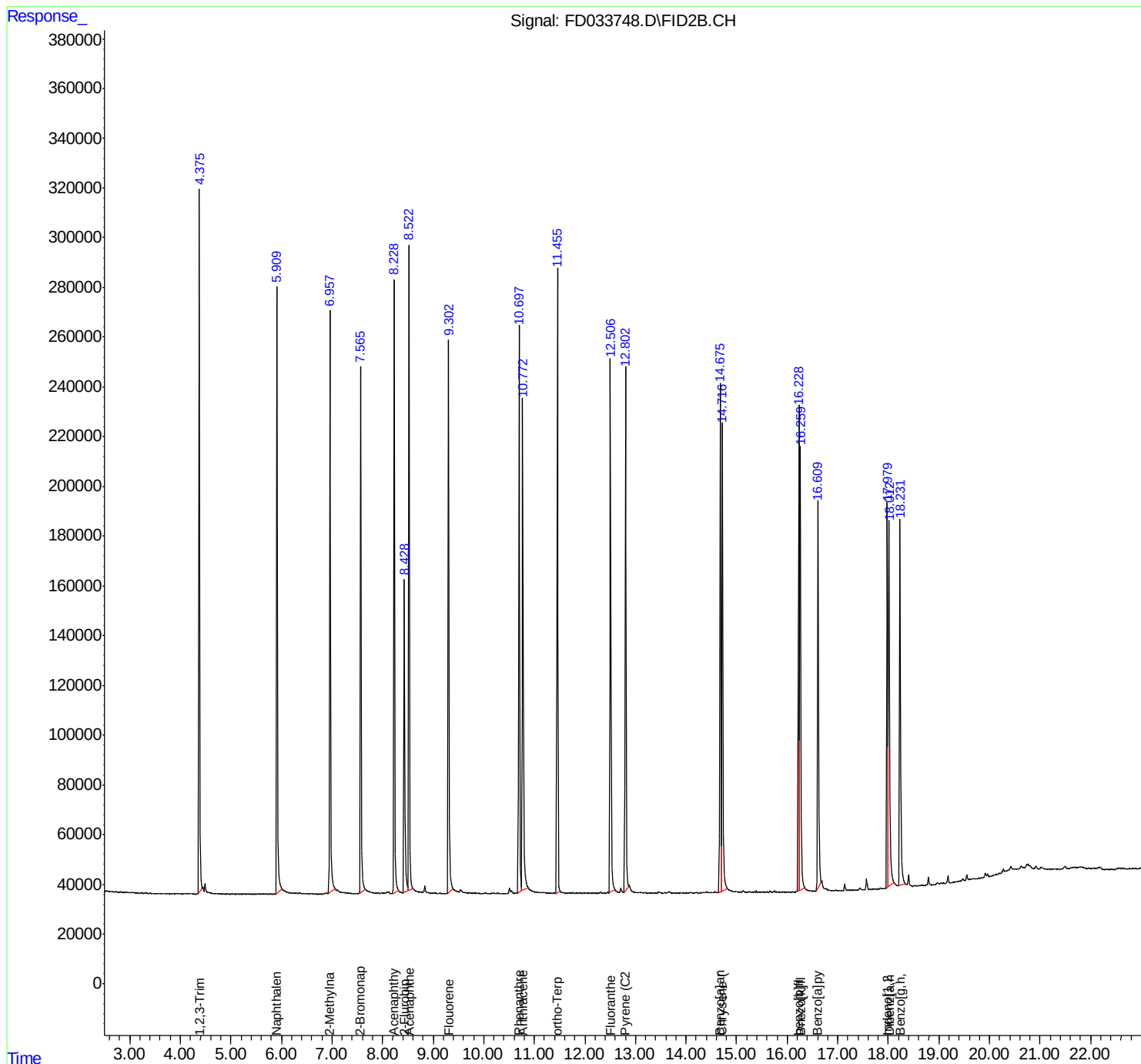
(f)=RT Delta > 1/2 Window

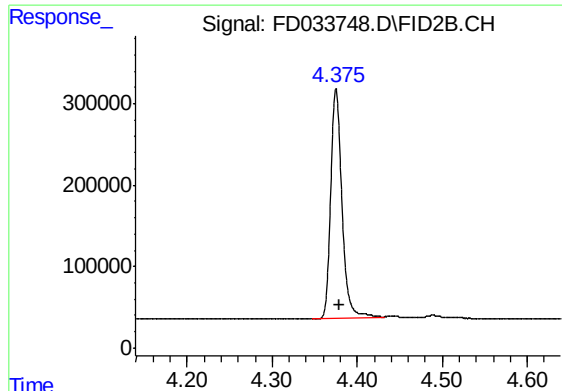
(m)=manual int.

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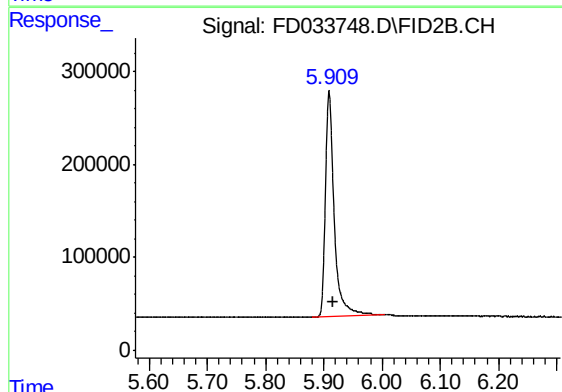
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Signal Info : 20M x 0.18mm x 0.18µm





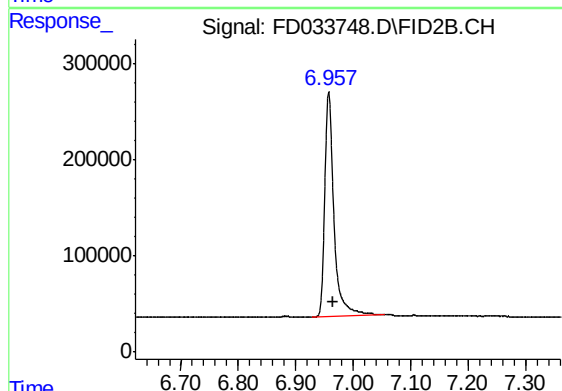
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.375 min
Delta R.T.: -0.004 min
Response: 2568043
Conc: 20.38 ug/ml



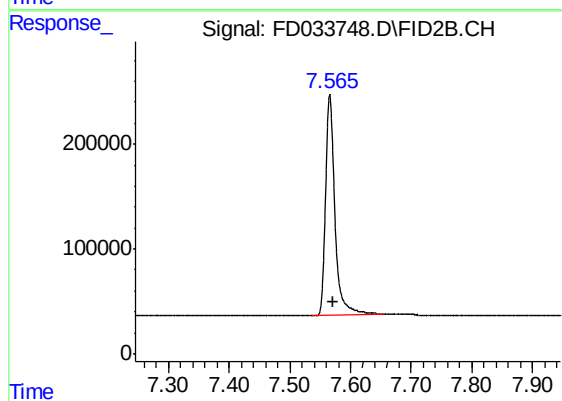
#2 Naphthalene (C11.7)

R.T.: 5.909 min
Delta R.T.: -0.007 min
Response: 2551194
Conc: 20.30 ug/ml



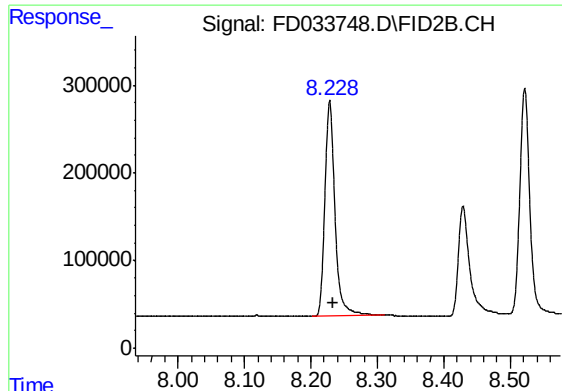
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.957 min
Delta R.T.: -0.008 min
Response: 2594498
Conc: 20.34 ug/ml



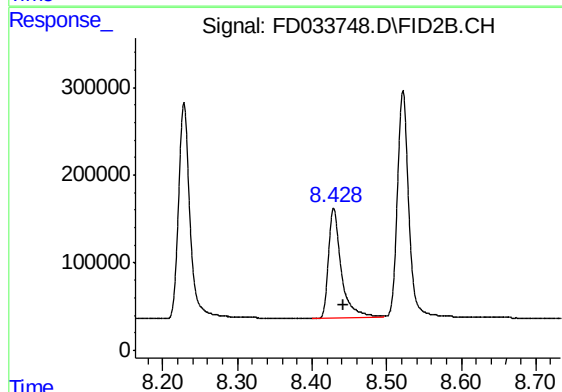
#4 2-Bromonaphthalene (SURR)

R.T.: 7.566 min
Delta R.T.: -0.006 min
Response: 2255648
Conc: 20.41 ug/ml



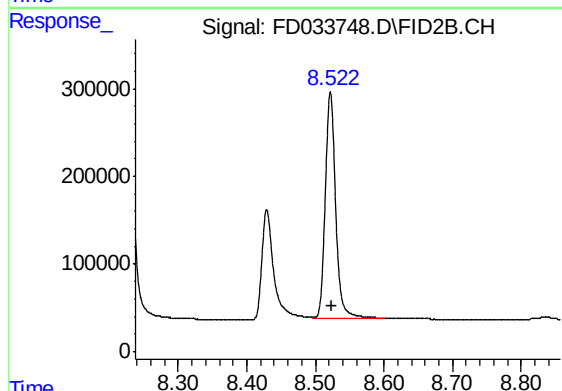
#5 Acenaphthylene (C15.06)

R.T.: 8.228 min
Delta R.T.: -0.005 min
Response: 2600408
Conc: 20.18 ug/ml



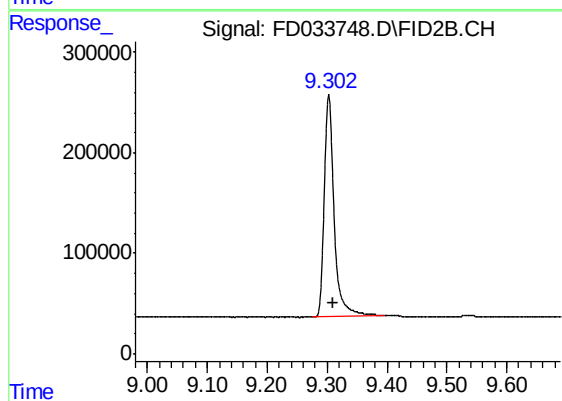
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.429 min
Delta R.T.: -0.012 min
Response: 1510654
Conc: 20.35 ug/ml



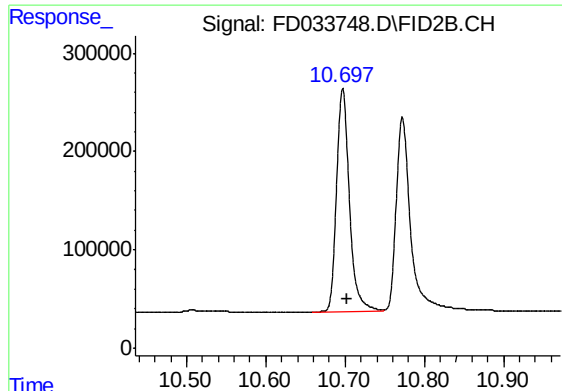
#7 Acenaphthene (C15.5)

R.T.: 8.522 min
Delta R.T.: -0.003 min
Response: 2727595
Conc: 20.38 ug/ml



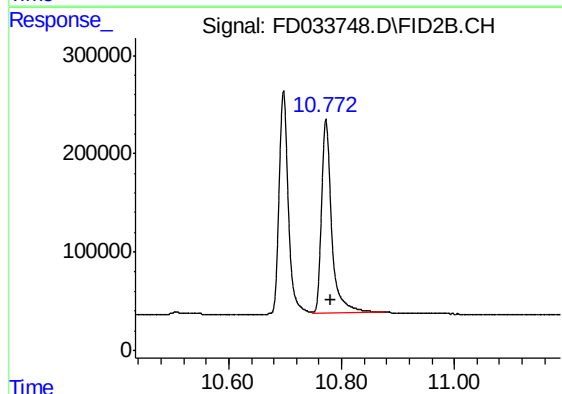
#8 Fluorene (C16.55)

R.T.: 9.303 min
Delta R.T.: -0.007 min
Response: 2536336
Conc: 20.18 ug/ml



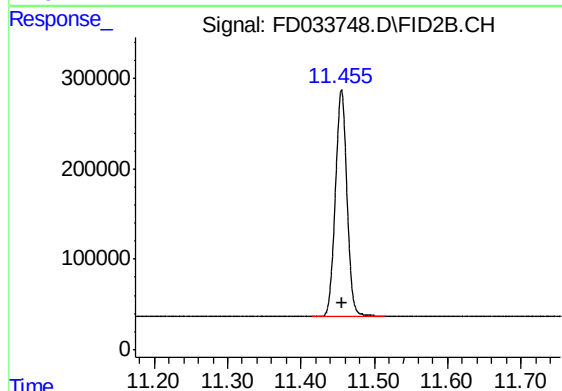
#9 Phenanthrene (C19.36)

R.T.: 10.697 min
Delta R.T.: -0.006 min
Response: 2578960
Conc: 20.09 ug/ml



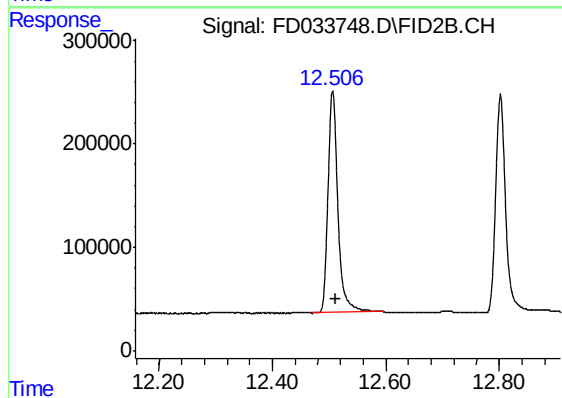
#10 Anthracene (C19.43)

R.T.: 10.772 min
Delta R.T.: -0.009 min
Response: 2490747
Conc: 19.71 ug/ml



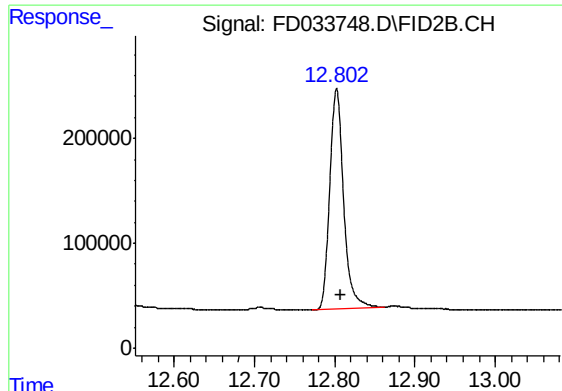
#11 ortho-Terphenyl (SURR)

R.T.: 11.455 min
Delta R.T.: 0.000 min
Response: 2742243
Conc: 19.74 ug/ml



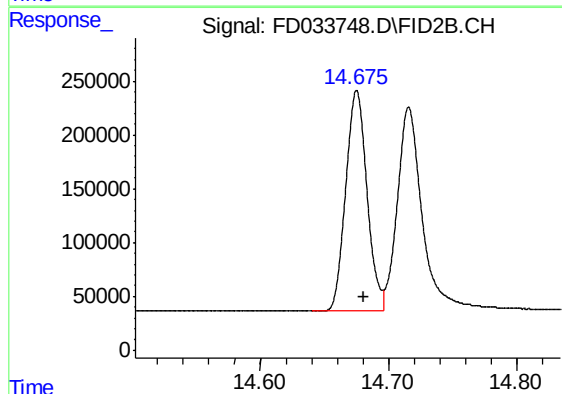
#12 Fluoranthene (C21.85)

R.T.: 12.506 min
Delta R.T.: -0.006 min
Response: 2609493
Conc: 19.82 ug/ml



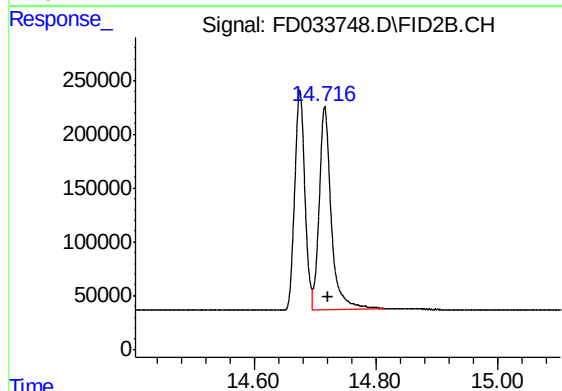
#13 Pyrene (C20.8)

R.T.: 12.802 min
Delta R.T.: -0.005 min
Response: 2520608
Conc: 19.63 ug/ml



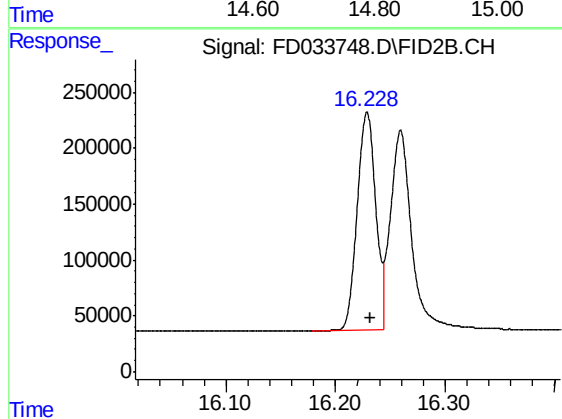
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.675 min
Delta R.T.: -0.006 min
Response: 2348109
Conc: 19.77 ug/ml



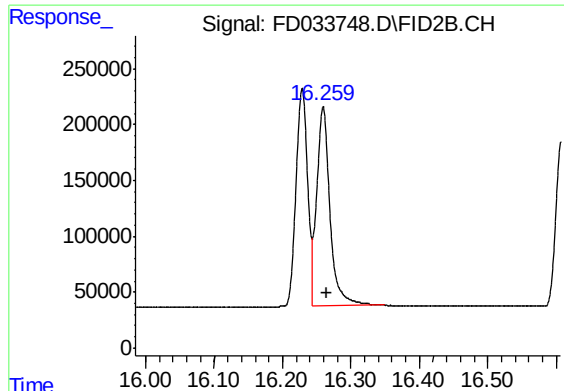
#15 Chrysene (C27.41)

R.T.: 14.716 min
Delta R.T.: -0.006 min
Response: 2561456
Conc: 19.34 ug/ml



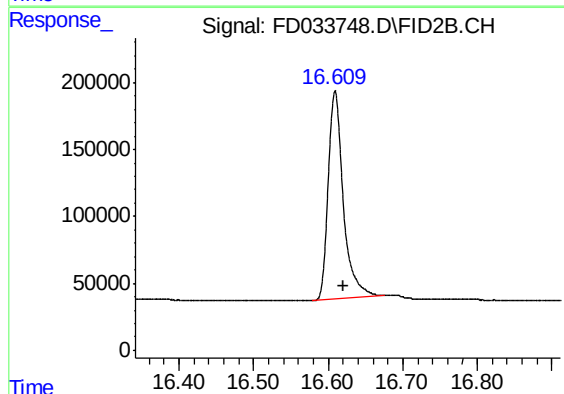
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.229 min
Delta R.T.: -0.003 min
Response: 2292589
Conc: 19.37 ug/ml



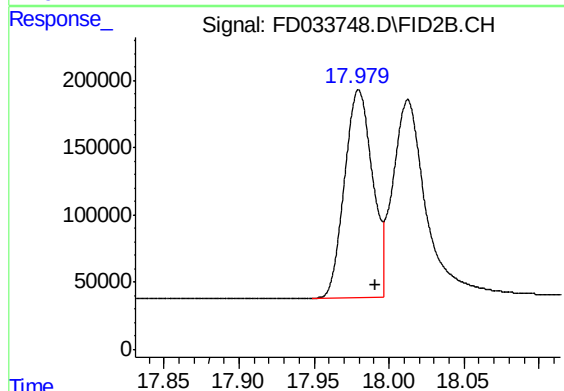
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.259 min
Delta R.T.: -0.004 min
Response: 2410978
Conc: 18.87 ug/ml



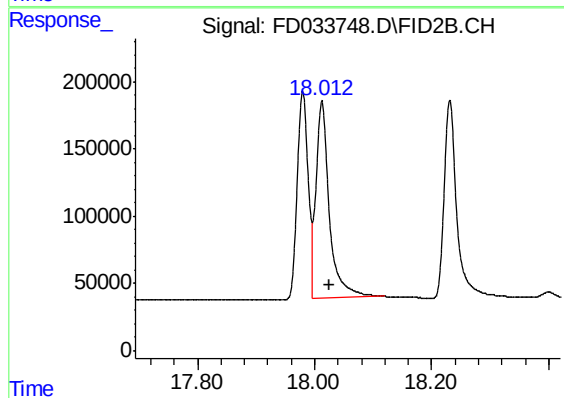
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.609 min
Delta R.T.: -0.010 min
Response: 2188011
Conc: 18.24 ug/ml



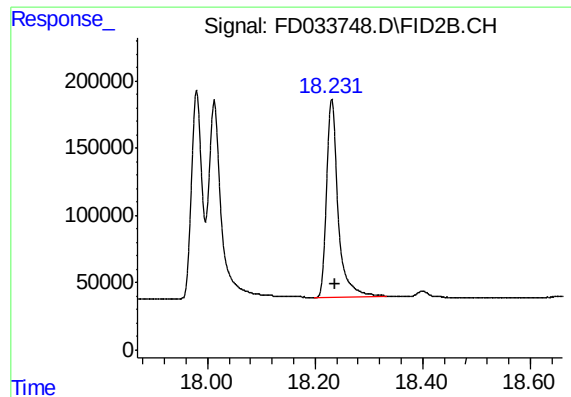
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.980 min
Delta R.T.: -0.011 min
Response: 1996832
Conc: 19.17 ug/ml



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

R.T.: 18.013 min
Delta R.T.: -0.012 min
Response: 2330156
Conc: 19.01 ug/ml



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

R.T.: 18.231 min
Delta R.T.: -0.006 min
Response: 2172756
Conc: 19.29 ug/ml