

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080819AR\
 Data File : FD029979.D
 Signal(s) : FID2B.CH
 Acq On : 08 Aug 2019 21:25
 Operator : DD\AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 09 05:38:04 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 080819.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 09 05:34:24 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...	7.680	15970092	106.345 ug/ml
Spiked Amount 50.000		Recovery =	212.69%
6) S 2-Fluorobiphenyl (SURR)	8.545	10877672	106.281 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	212.56%#
11) S ortho-Terphenyl (SURR)	11.582	16896085	104.498 ug/ml
Spiked Amount 50.000		Recovery =	209.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.478	17245530	107.533 ug/ml
2) T Naphthalene (C11.7)	6.019	18152669	106.716 ug/ml
3) T 2-Methylnaphthalene (...)	7.072	17862430	106.558 ug/ml
5) T Acenaphthylene (C15.06)	8.350	17005725	105.241 ug/ml
7) T Acenaphthene (C15.5)	8.648	17739779	105.761 ug/ml
8) T Fluorene (C16.55)	9.427	17539273	105.403 ug/ml
9) T Phenanthrene (C19.36)	10.823	17275661	104.273 ug/ml
10) T Anthracene (C19.43)	10.900	16915537	105.257 ug/ml
12) T Fluoranthene (C21.85)	12.634	16937968	103.680 ug/ml
13) T Pyrene (C20.8)	12.933	16799828	103.638 ug/ml
14) T Benzo[a]anthracene (C...	14.798	15420554	102.752 ug/ml
15) T Chrysene (C27.41)	14.847	15369306	102.161 ug/mlm
16) T benzo[b]fluoranthene ...	16.346	14412946	101.665 ug/ml
17) T Bnezo[k]fluoranthene ...	16.388	14168325	100.211 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.729	13809588	100.123 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.090	13210675	107.015 ug/ml
20) T Dibenz[a,h]anthracene...	18.130	11830114	95.232 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.352	12307445	101.494 ug/ml

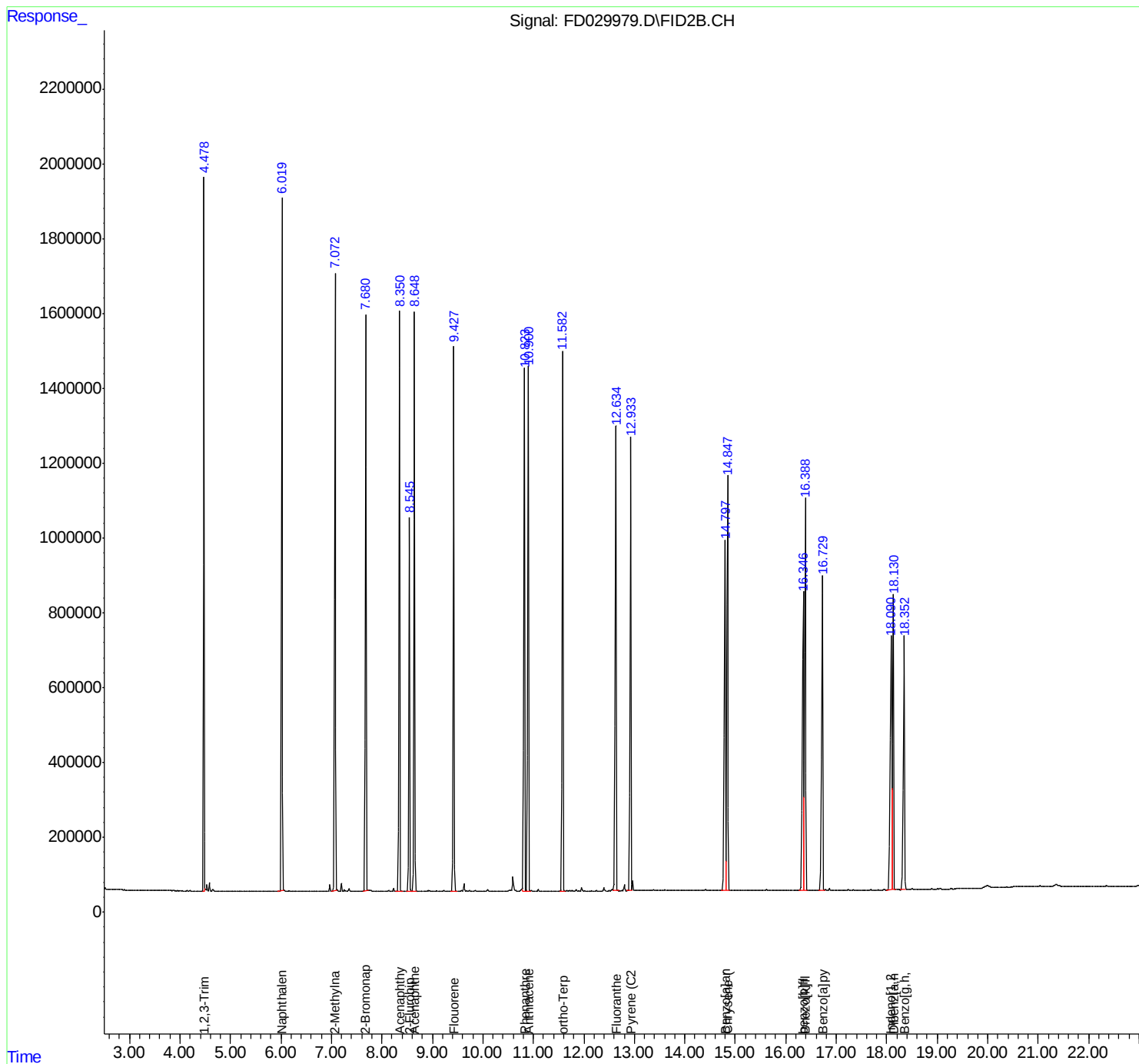
(f)=RT Delta > 1/2 Window

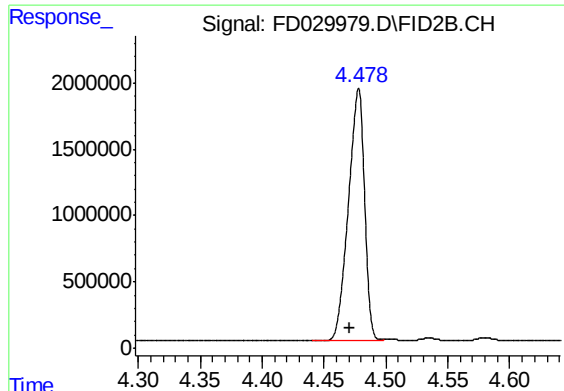
(m)=manual int.

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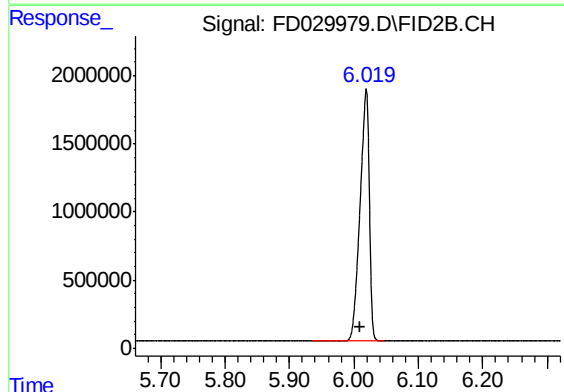
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





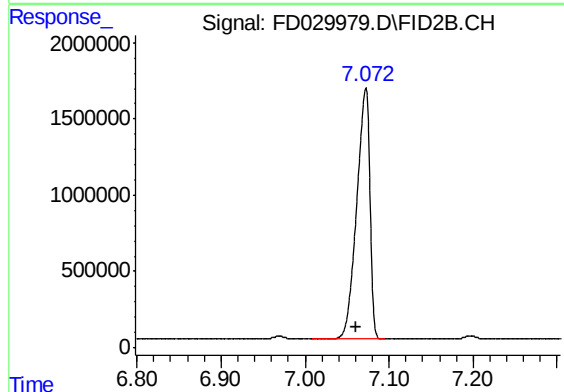
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.478 min
Delta R.T.: 0.007 min
Response: 17245530
Conc: 107.53 ug/ml



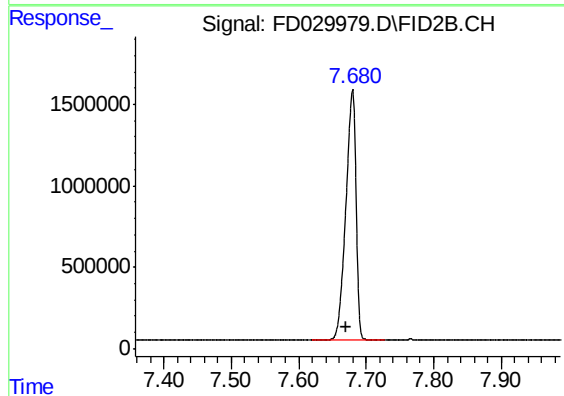
#2 Naphthalene (C11.7)

R.T.: 6.019 min
Delta R.T.: 0.009 min
Response: 18152669
Conc: 106.72 ug/ml



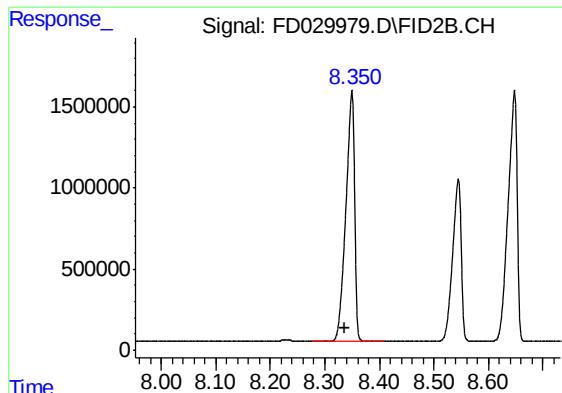
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.072 min
Delta R.T.: 0.011 min
Response: 17862430
Conc: 106.56 ug/ml



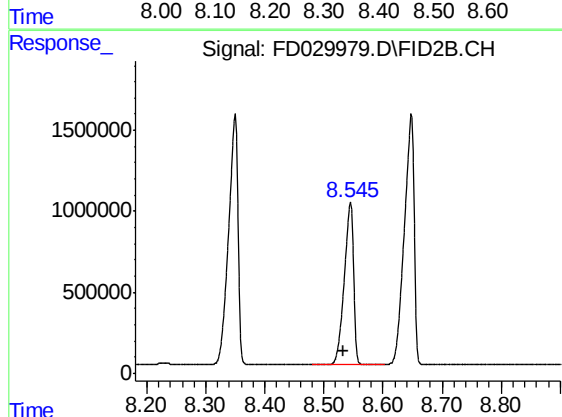
#4 2-Bromonaphthalene (SURR)

R.T.: 7.680 min
Delta R.T.: 0.009 min
Response: 15970092
Conc: 106.35 ug/ml



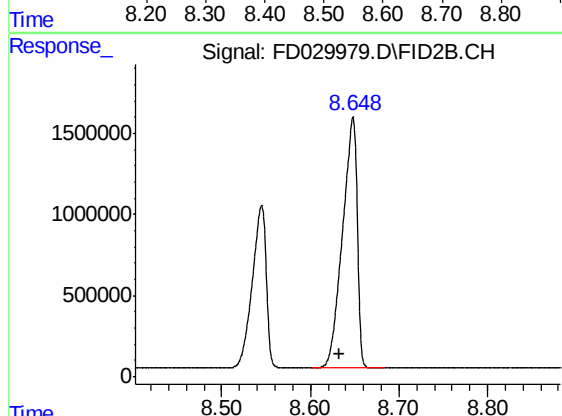
#5 Acenaphthylene (C15.06)

R.T.: 8.350 min
Delta R.T.: 0.013 min
Response: 17005725
Conc: 105.24 ug/ml



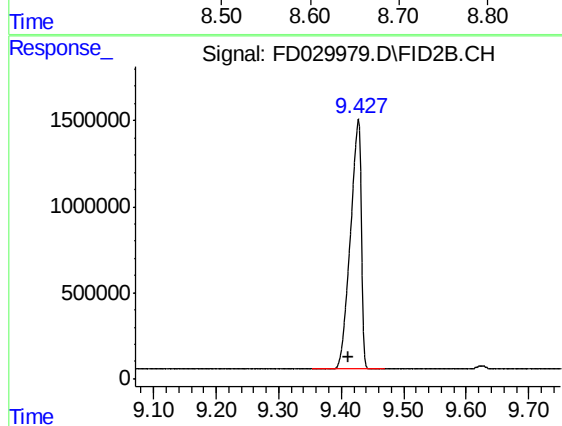
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.545 min
Delta R.T.: 0.012 min
Response: 10877672
Conc: 106.28 ug/ml



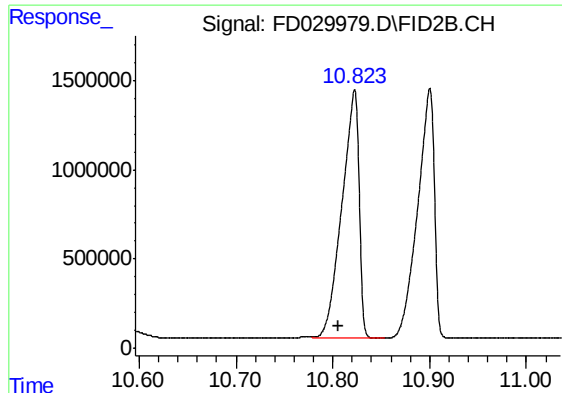
#7 Acenaphthene (C15.5)

R.T.: 8.648 min
Delta R.T.: 0.016 min
Response: 17739779
Conc: 105.76 ug/ml



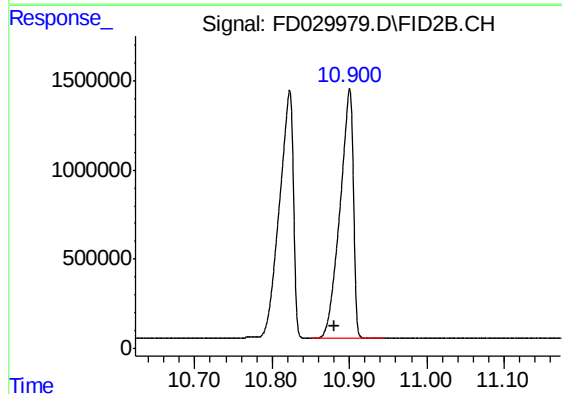
#8 Fluorene (C16.55)

R.T.: 9.427 min
Delta R.T.: 0.016 min
Response: 17539273
Conc: 105.40 ug/ml



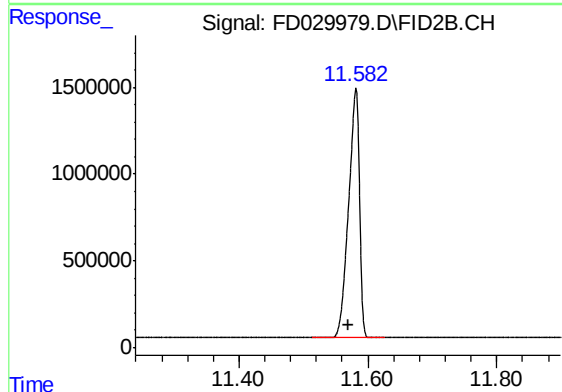
#9 Phenanthrene (C19.36)

R.T.: 10.823 min
Delta R.T.: 0.017 min
Response: 17275661
Conc: 104.27 ug/ml



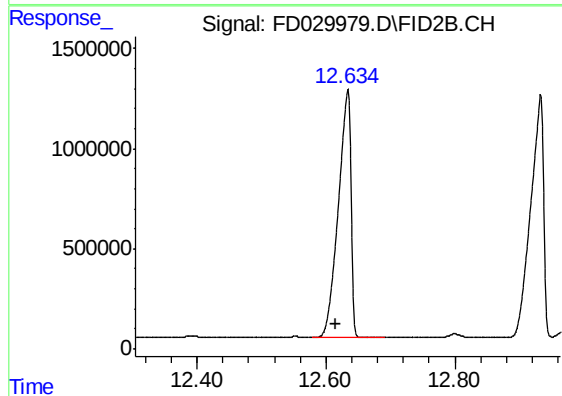
#10 Anthracene (C19.43)

R.T.: 10.900 min
Delta R.T.: 0.019 min
Response: 16915537
Conc: 105.26 ug/ml



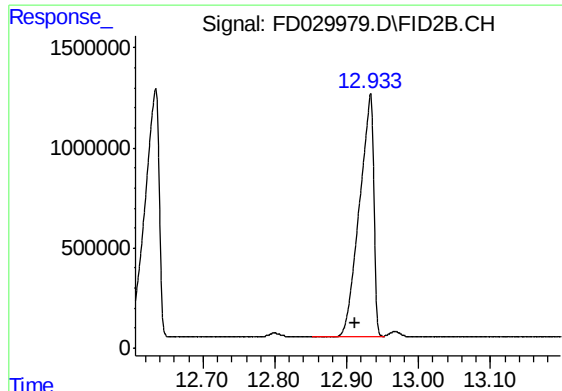
#11 ortho-Terphenyl (SURR)

R.T.: 11.582 min
Delta R.T.: 0.013 min
Response: 16896085
Conc: 104.50 ug/ml



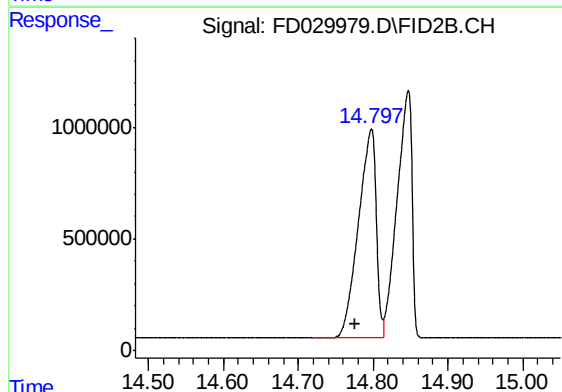
#12 Fluoranthene (C21.85)

R.T.: 12.634 min
Delta R.T.: 0.020 min
Response: 16937968
Conc: 103.68 ug/ml



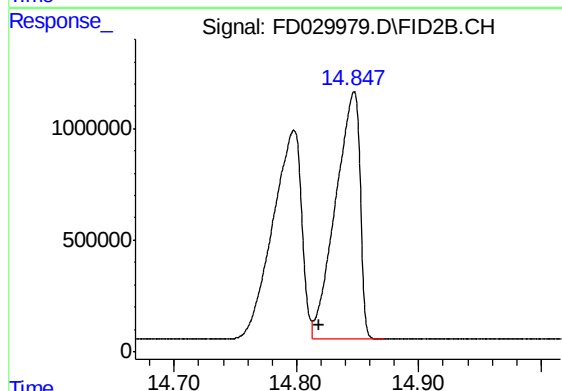
#13 Pyrene (C20.8)

R.T.: 12.933 min
Delta R.T.: 0.022 min
Response: 16799828
Conc: 103.64 ug/ml



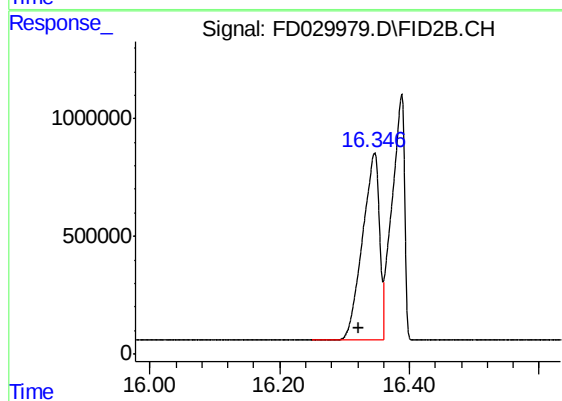
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.798 min
Delta R.T.: 0.022 min
Response: 15420554
Conc: 102.75 ug/ml



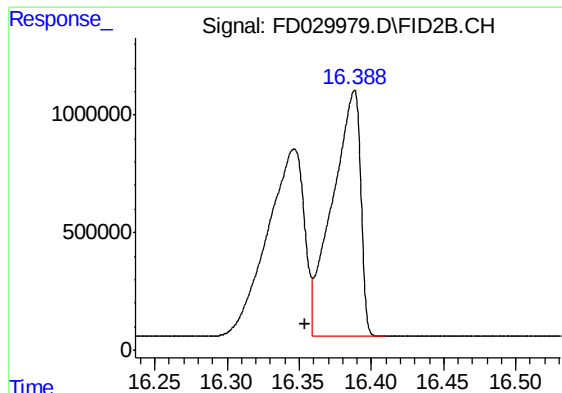
#15 Chrysene (C27.41)

R.T.: 14.847 min
Delta R.T.: 0.028 min
Response: 15369306
Conc: 102.16 ug/ml m



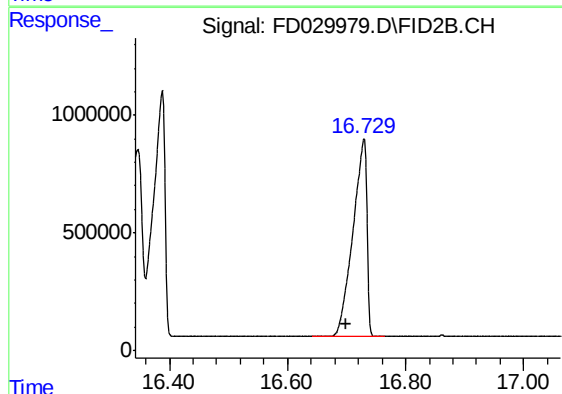
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.346 min
Delta R.T.: 0.025 min
Response: 14412946
Conc: 101.67 ug/ml



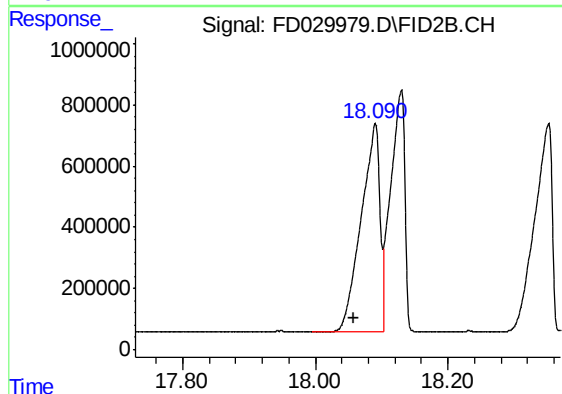
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.388 min
Delta R.T.: 0.034 min
Response: 14168325
Conc: 100.21 ug/ml m



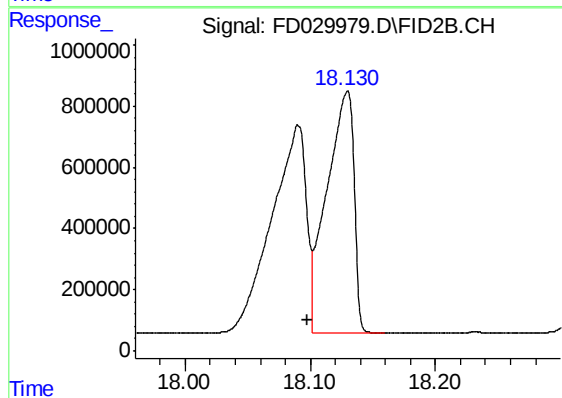
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.729 min
Delta R.T.: 0.030 min
Response: 13809588
Conc: 100.12 ug/ml



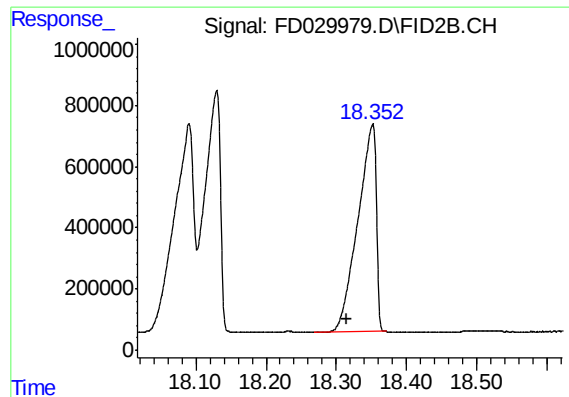
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.090 min
Delta R.T.: 0.032 min
Response: 13210675
Conc: 107.02 ug/ml



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

R.T.: 18.130 min
Delta R.T.: 0.032 min
Response: 11830114
Conc: 95.23 ug/ml m



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

R.T.: 18.352 min
Delta R.T.: 0.037 min
Response: 12307445
Conc: 101.49 ug/ml