

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051120AR\
 Data File : FD033441.D
 Signal(s) : FID2B.CH
 Acq On : 11 May 2020 16:55
 Operator : DD\AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: May 12 03:33:12 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 051120.M
 Quant Title : GC Extractables
 QLast Update : Tue May 12 03:31:25 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...	7.589	5658381	49.594 ug/ml
Spiked Amount 50.000		Recovery =	99.19%
6) S 2-Fluorobiphenyl (SURR)	8.452	3909030	50.682 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	101.36%
11) S ortho-Terphenyl (SURR)	11.485	6390647	47.948 ug/ml
Spiked Amount 50.000		Recovery =	95.90%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.395	5662489	48.799 ug/ml
2) T Naphthalene (C11.7)	5.931	6072153	50.026 ug/ml
3) T 2-Methylnaphthalene (...)	6.981	6171053	50.172 ug/ml
5) T Acenaphthylene (C15.06)	8.254	6078115	48.844 ug/ml
7) T Acenaphthene (C15.5)	8.549	6361121	48.835 ug/ml
8) T Fluorene (C16.55)	9.330	6308486	49.324 ug/ml
9) T Phenanthrene (C19.36)	10.725	6437778	48.986 ug/ml
10) T Anthracene (C19.43)	10.801	6223430	48.786 ug/ml
12) T Fluoranthene (C21.85)	12.537	6557335	48.631 ug/ml
13) T Pyrene (C20.8)	12.834	6498415	48.628 ug/ml
14) T Benzo[a]anthracene (C...	14.707	6284816	49.056 ug/ml
15) T Chrysene (C27.41)	14.751	6390939	48.000 ug/ml
16) T benzo[b]fluoranthene ...	16.262	6317762	48.779 ug/ml
17) T Bnezo[k]fluoranthene ...	16.297	6351747	47.921 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.643	6249584	48.515 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.015	6228158	50.795 ug/ml
20) T Dibenz[a,h]anthracene...	18.050	6051417	46.560 ug/ml
21) T Benzo[g,h,i]perylene ...	18.272	6113012	48.785 ug/ml

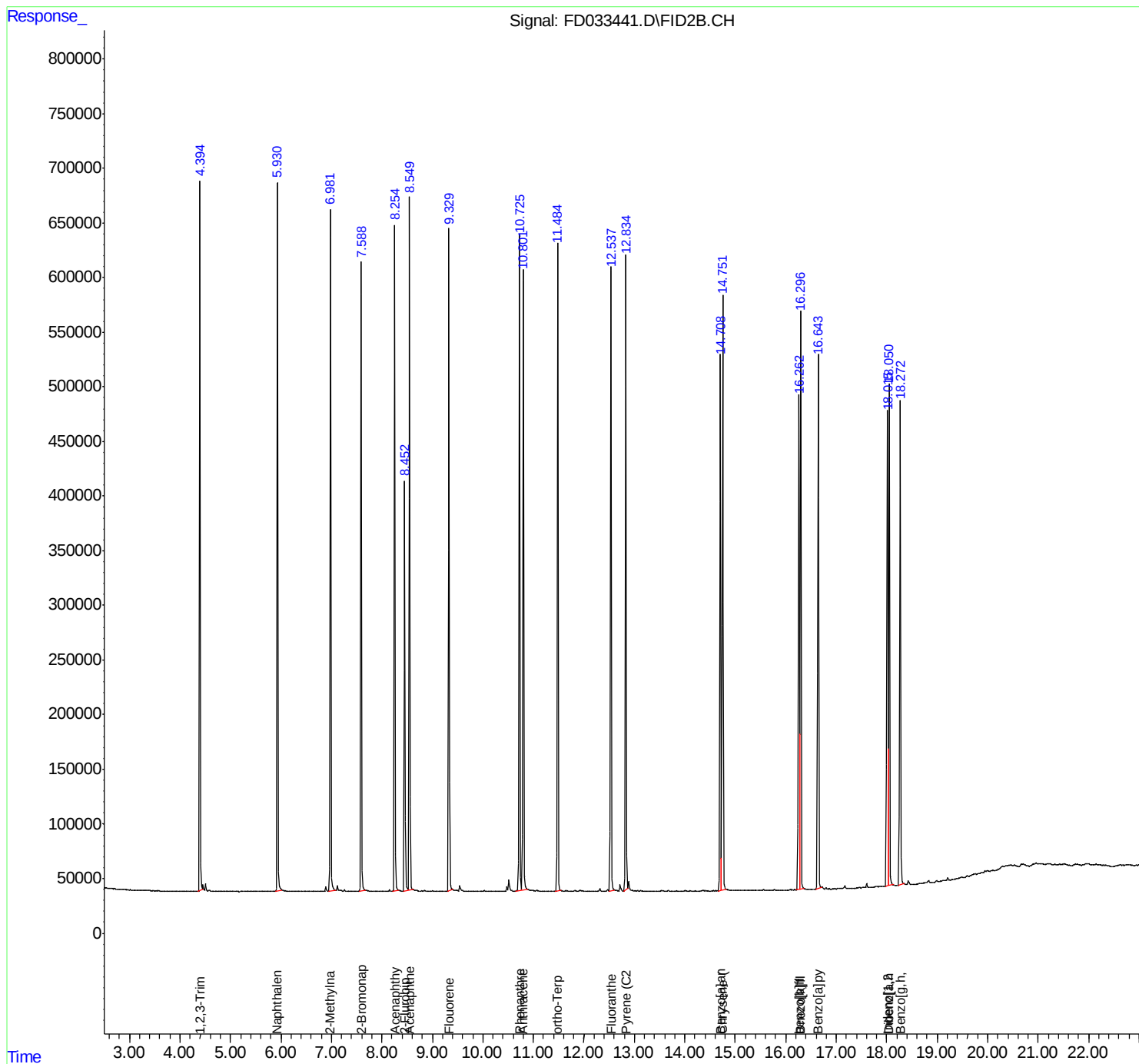
(f)=RT Delta > 1/2 Window

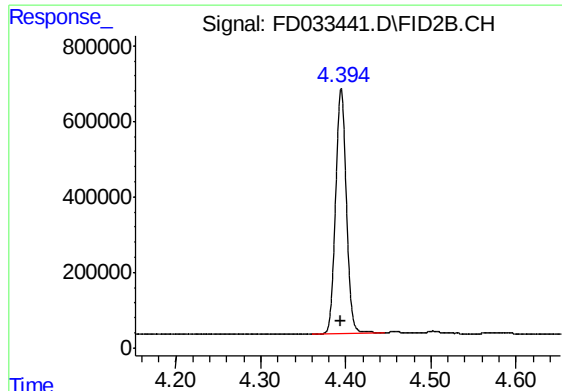
(m)=manual int.

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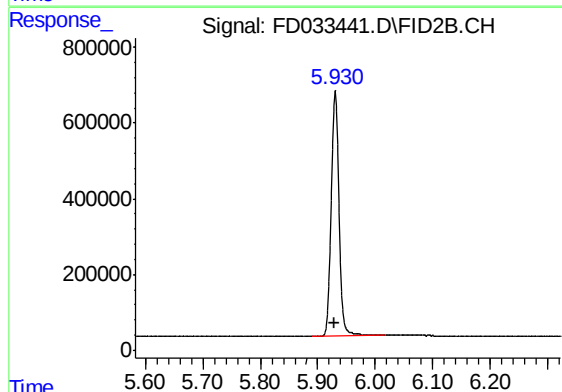
Volume Inj. : 1 µl
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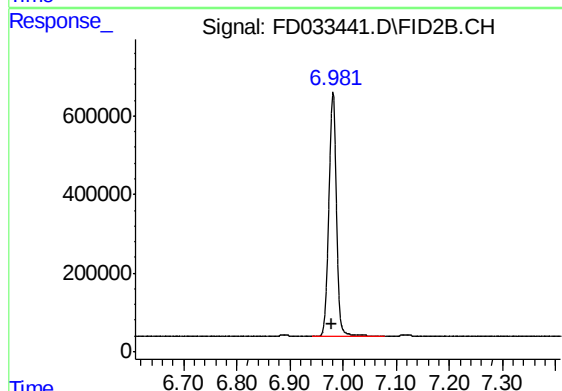
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.395 min
Delta R.T.: 0.000 min
Response: 5662489
Conc: 48.80 ug/ml



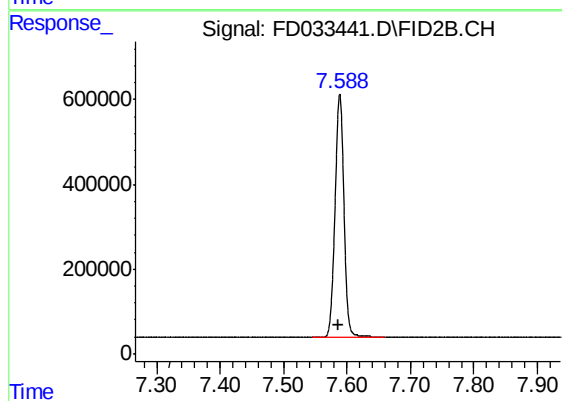
#2 Naphthalene (C11.7)

R.T.: 5.931 min
Delta R.T.: 0.001 min
Response: 6072153
Conc: 50.03 ug/ml



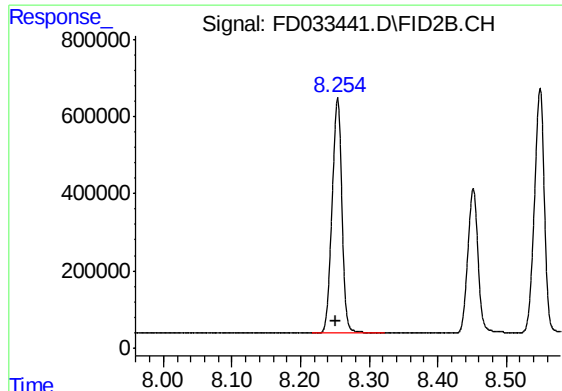
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.981 min
Delta R.T.: 0.002 min
Response: 6171053
Conc: 50.17 ug/ml



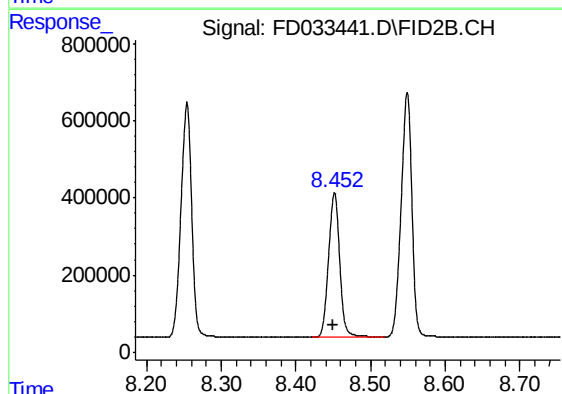
#4 2-Bromonaphthalene (SURR)

R.T.: 7.589 min
Delta R.T.: 0.002 min
Response: 5658381
Conc: 49.59 ug/ml



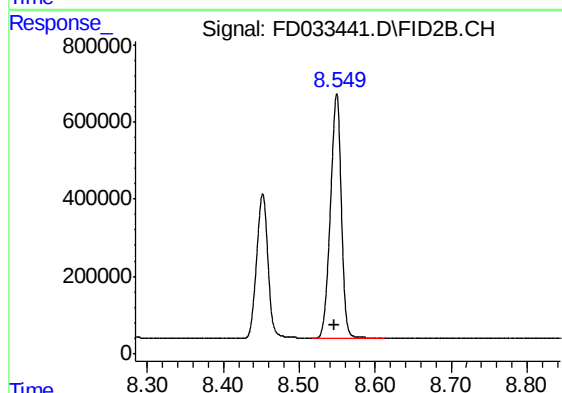
#5 Acenaphthylene (C15.06)

R.T.: 8.254 min
Delta R.T.: 0.003 min
Response: 6078115
Conc: 48.84 ug/ml



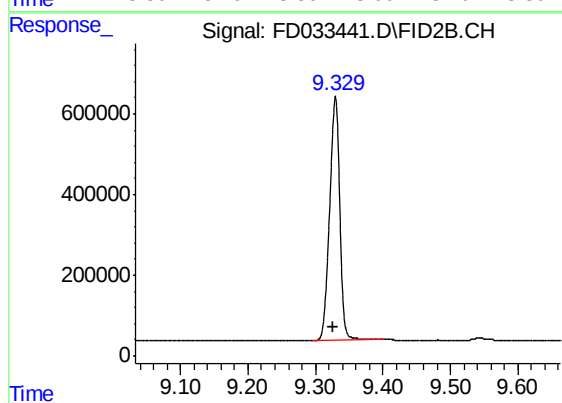
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.452 min
Delta R.T.: 0.002 min
Response: 3909030
Conc: 50.68 ug/ml



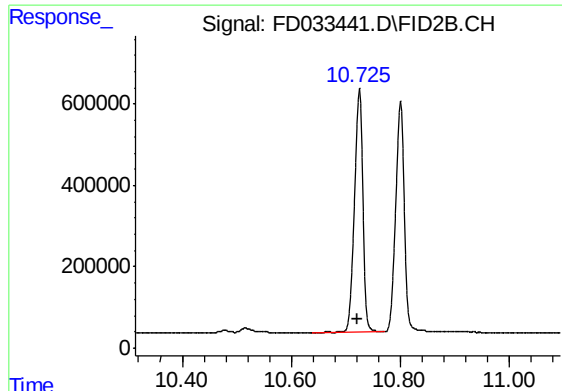
#7 Acenaphthene (C15.5)

R.T.: 8.549 min
Delta R.T.: 0.004 min
Response: 6361121
Conc: 48.83 ug/ml



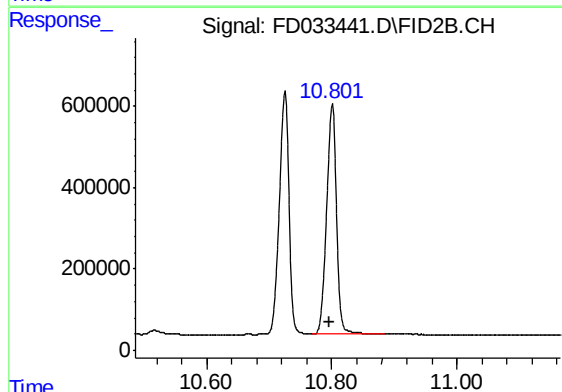
#8 Flouorene (C16.55)

R.T.: 9.330 min
Delta R.T.: 0.004 min
Response: 6308486
Conc: 49.32 ug/ml



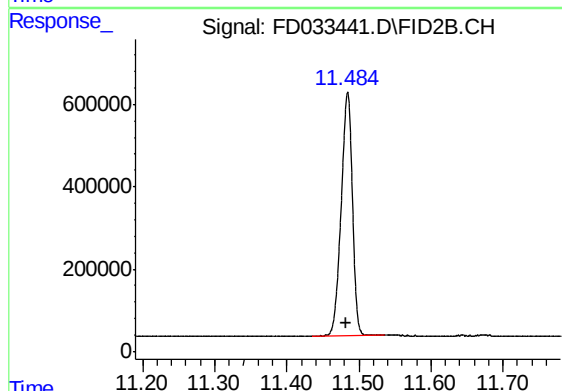
#9 Phenanthrene (C19.36)

R.T.: 10.725 min
Delta R.T.: 0.004 min
Response: 6437778
Conc: 48.99 ug/ml



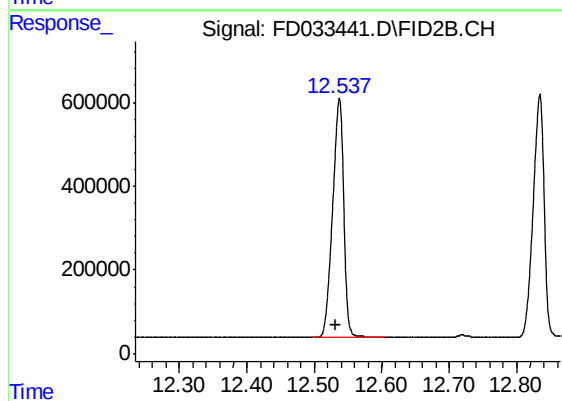
#10 Anthracene (C19.43)

R.T.: 10.801 min
Delta R.T.: 0.006 min
Response: 6223430
Conc: 48.79 ug/ml



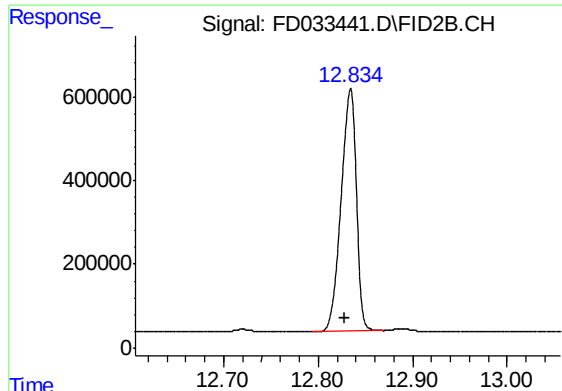
#11 ortho-Terphenyl (SURR)

R.T.: 11.485 min
Delta R.T.: 0.003 min
Response: 6390647
Conc: 47.95 ug/ml



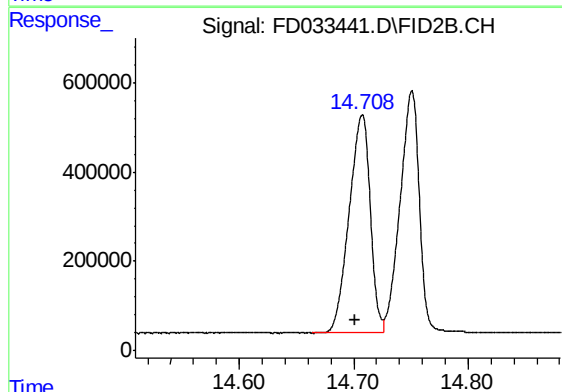
#12 Fluoranthene (C21.85)

R.T.: 12.537 min
Delta R.T.: 0.006 min
Response: 6557335
Conc: 48.63 ug/ml



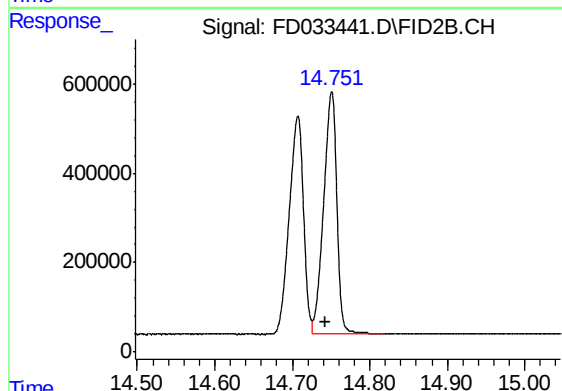
#13 Pyrene (C20.8)

R.T.: 12.834 min
Delta R.T.: 0.006 min
Response: 6498415
Conc: 48.63 ug/ml



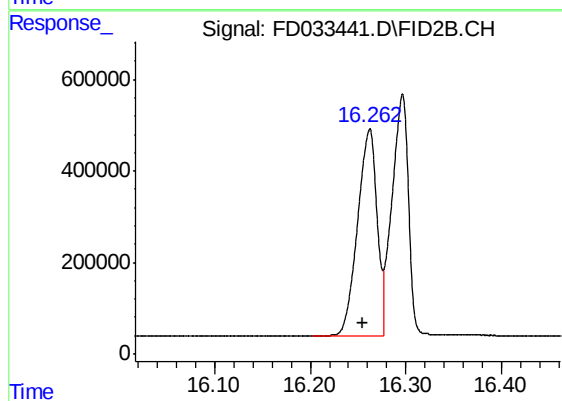
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.707 min
Delta R.T.: 0.007 min
Response: 6284816
Conc: 49.06 ug/ml



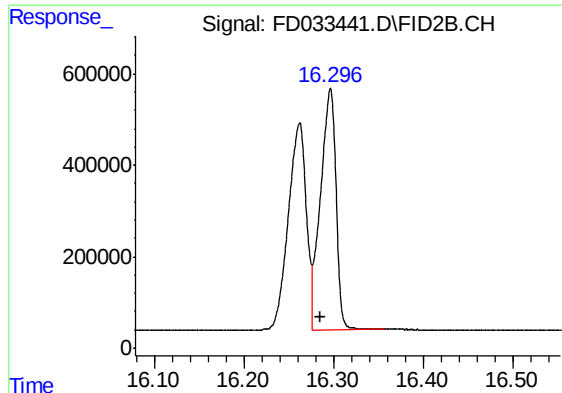
#15 Chrysene (C27.41)

R.T.: 14.751 min
Delta R.T.: 0.008 min
Response: 6390939
Conc: 48.00 ug/ml



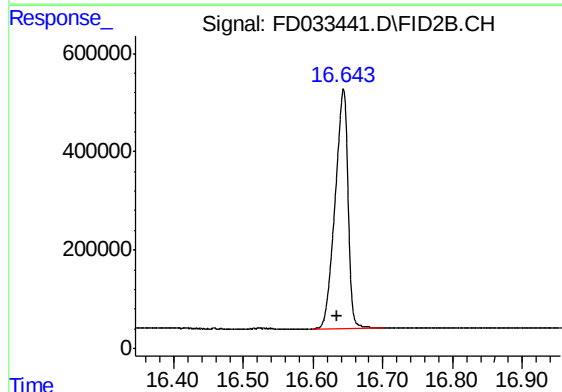
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.262 min
Delta R.T.: 0.008 min
Response: 6317762
Conc: 48.78 ug/ml



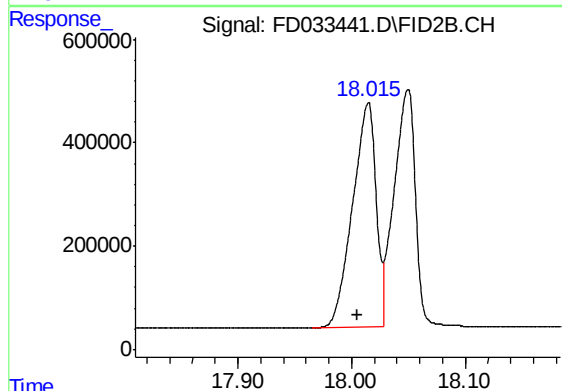
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.297 min
Delta R.T.: 0.011 min
Response: 6351747
Conc: 47.92 ug/ml



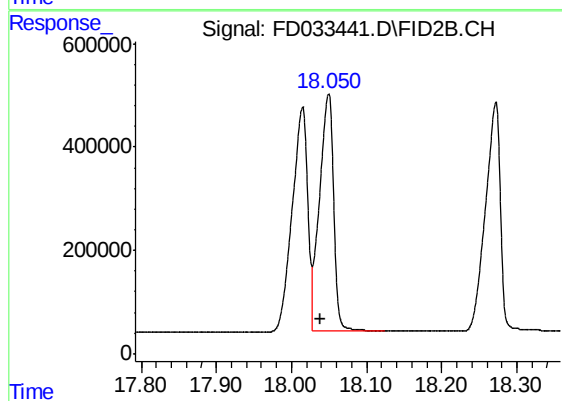
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.643 min
Delta R.T.: 0.010 min
Response: 6249584
Conc: 48.52 ug/ml



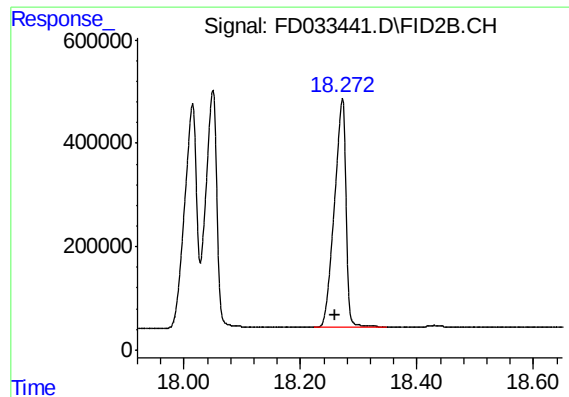
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.015 min
Delta R.T.: 0.010 min
Response: 6228158
Conc: 50.79 ug/ml



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

R.T.: 18.050 min
Delta R.T.: 0.011 min
Response: 6051417
Conc: 46.56 ug/ml



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

R.T.: 18.272 min
Delta R.T.: 0.014 min
Response: 6113012
Conc: 48.78 ug/ml