

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041919AR\
 Data File : FD028984.D
 Signal(s) : FID2B.CH
 Acq On : 19 Apr 2019 3:22
 Operator : AJ\SJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 19 05:17:36 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 041919.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 19 05:16:30 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...	7.091	515774	5.040 ug/ml
Spiked Amount 50.000		Recovery =	10.08%
6) S 2-Fluorobiphenyl (SURR)	7.957	366995	5.245 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	10.49%
11) S ortho-Terphenyl (SURR)	10.995	625165	5.873 ug/ml
Spiked Amount 50.000		Recovery =	11.75%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.916	468990	4.915 ug/ml
2) T Naphthalene (C11.7)	5.437	532859	4.899 ug/ml
3) T 2-Methylnaphthalene (...)	6.484	557975	4.982 ug/ml
5) T Acenaphthylene (C15.06)	7.760	567854	5.178 ug/ml
7) T Acenaphthene (C15.5)	8.056	600803	5.225 ug/ml
8) T Flouorene (C16.55)	8.835	622722	5.472 ug/ml
9) T Phenanthrene (C19.36)	10.232	612114	5.699 ug/ml
10) T Anthracene (C19.43)	10.306	611193	5.773 ug/ml
12) T Fluoranthene (C21.85)	12.042	549697	5.612 ug/ml
13) T Pyrene (C20.8)	12.340	557367	5.654 ug/ml
14) T Benzo[a]anthracene (C...	14.205	518741	5.152 ug/ml
15) T Chrysene (C27.41)	14.247	522944	5.177 ug/ml
16) T benzo[b]fluoranthene ...	15.749	556299	5.257 ug/ml
17) T Bnezo[k]fluoranthene ...	15.781	546588	5.192 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.128	552104	5.227 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.486	547315	5.169 ug/ml
20) T Dibenz[a,h]anthracene...	17.527	564198	5.369 ug/ml
21) T Benzo[g,h,i]perylene ...	17.740	547242	5.166 ug/ml

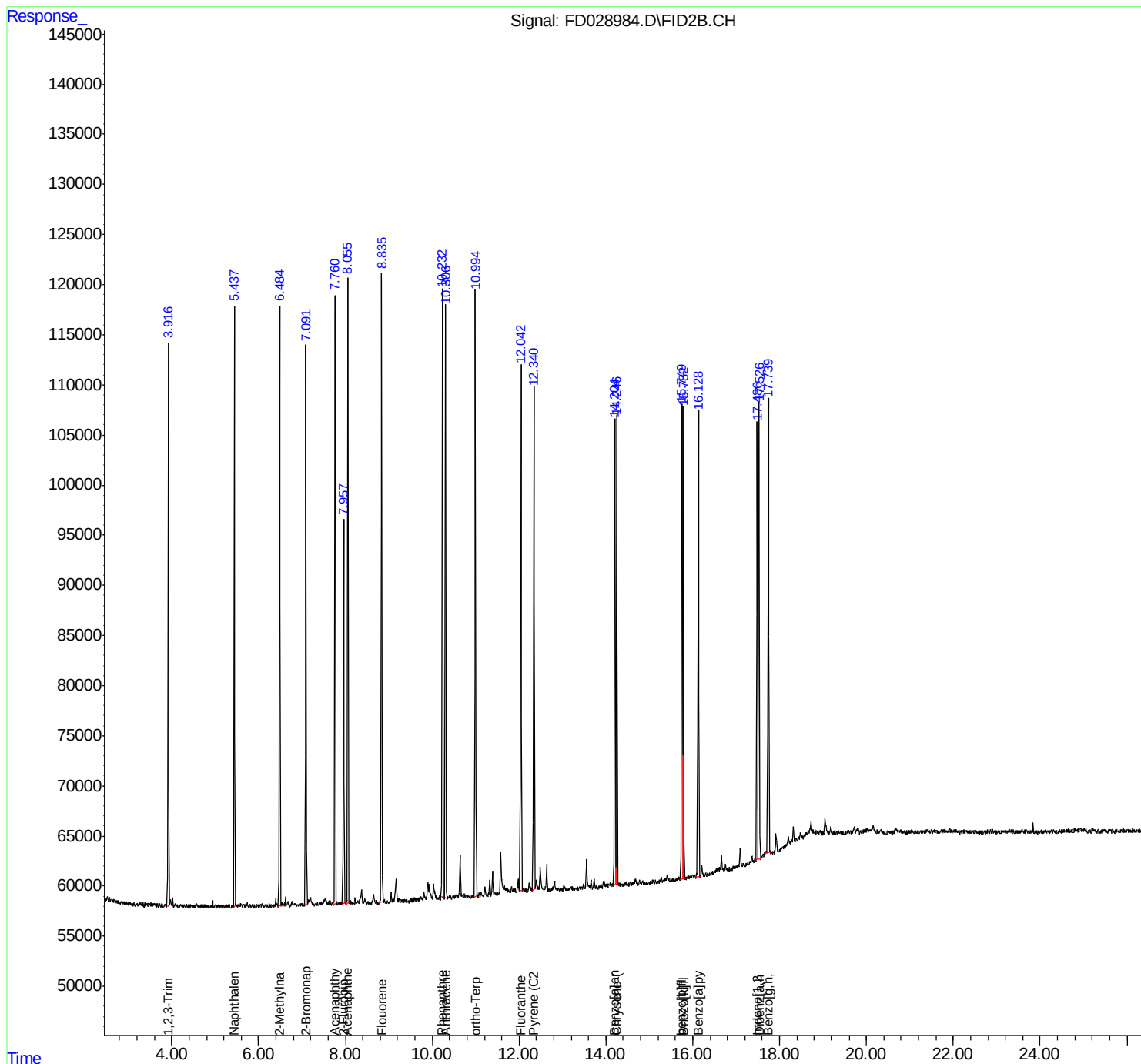
(f)=RT Delta > 1/2 Window

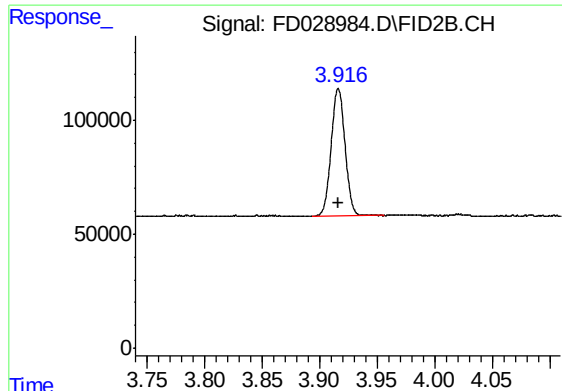
(m)=manual int.

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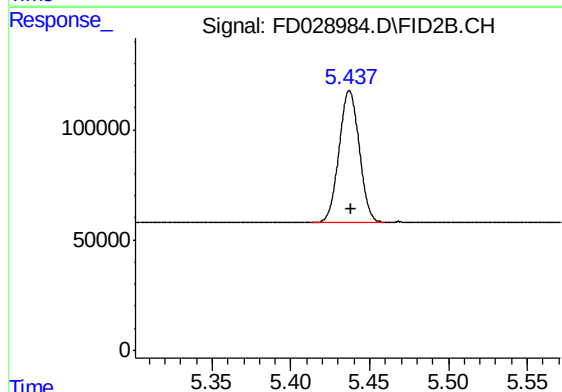
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Signal Info : 20M x 0.18mm x 0.18µm





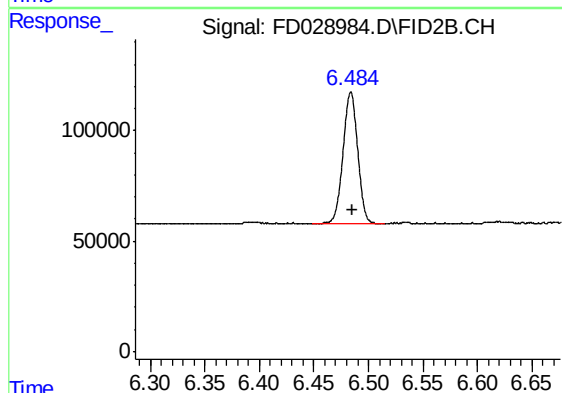
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.916 min
Delta R.T.: 0.000 min
Response: 468990
Conc: 4.92 ug/ml



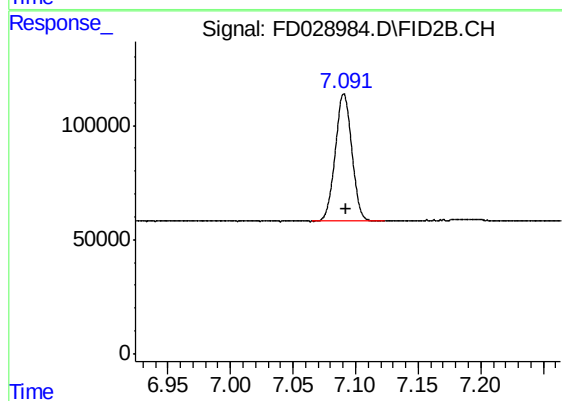
#2 Naphthalene (C11.7)

R.T.: 5.437 min
Delta R.T.: 0.000 min
Response: 532859
Conc: 4.90 ug/ml



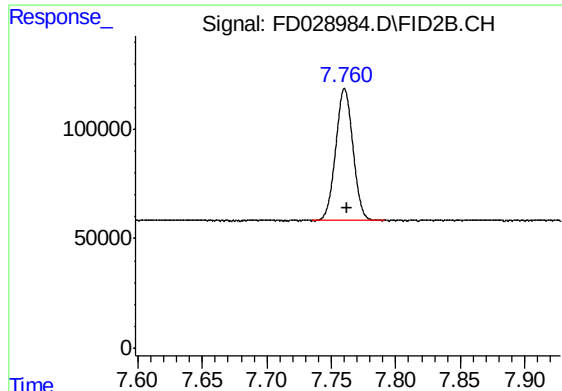
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.484 min
Delta R.T.: -0.001 min
Response: 557975
Conc: 4.98 ug/ml



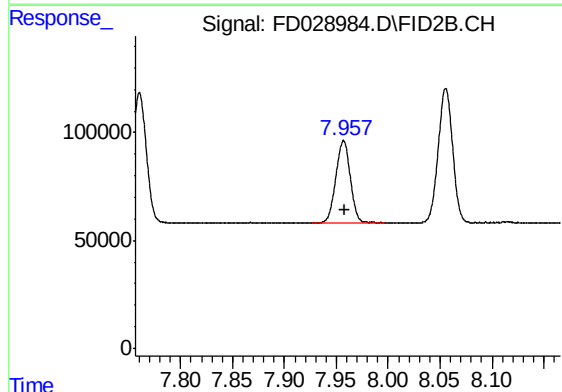
#4 2-Bromonaphthalene (SURR)

R.T.: 7.091 min
Delta R.T.: -0.002 min
Response: 515774
Conc: 5.04 ug/ml



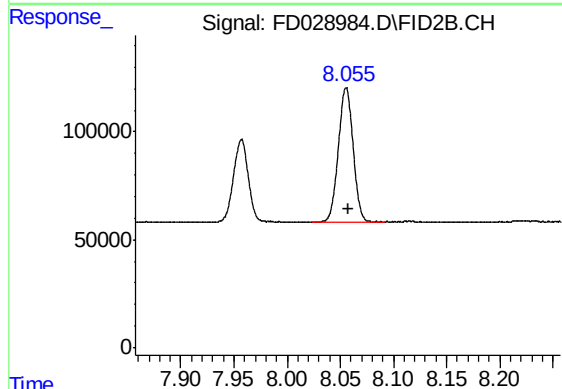
#5 Acenaphthylene (C15.06)

R.T.: 7.760 min
Delta R.T.: -0.002 min
Response: 567854
Conc: 5.18 ug/ml



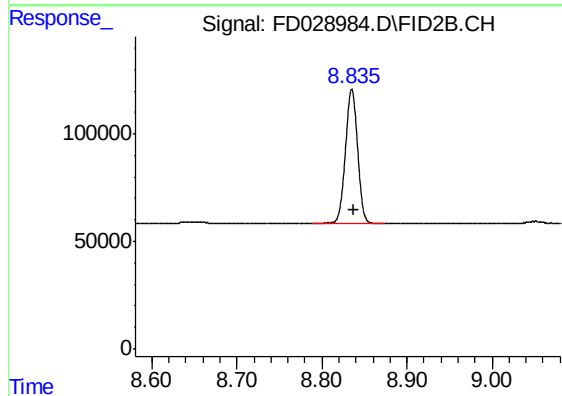
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.957 min
Delta R.T.: -0.001 min
Response: 366995
Conc: 5.25 ug/ml



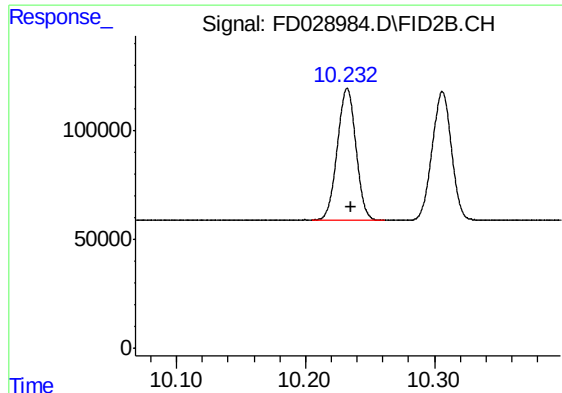
#7 Acenaphthene (C15.5)

R.T.: 8.056 min
Delta R.T.: -0.002 min
Response: 600803
Conc: 5.22 ug/ml



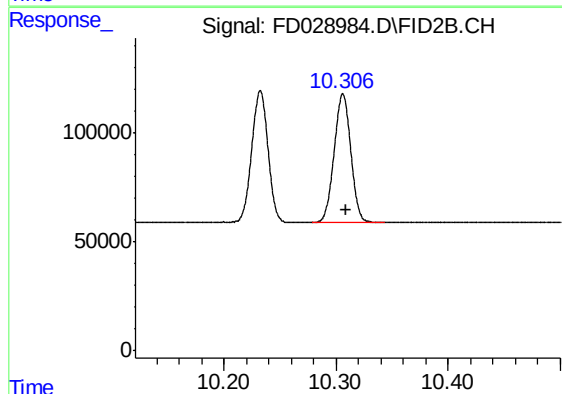
#8 Fluorene (C16.55)

R.T.: 8.835 min
Delta R.T.: -0.003 min
Response: 622722
Conc: 5.47 ug/ml



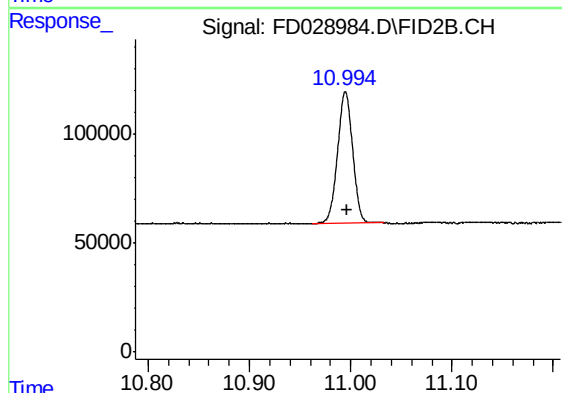
#9 Phenanthrene (C19.36)

R.T.: 10.232 min
Delta R.T.: -0.003 min
Response: 612114
Conc: 5.70 ug/ml



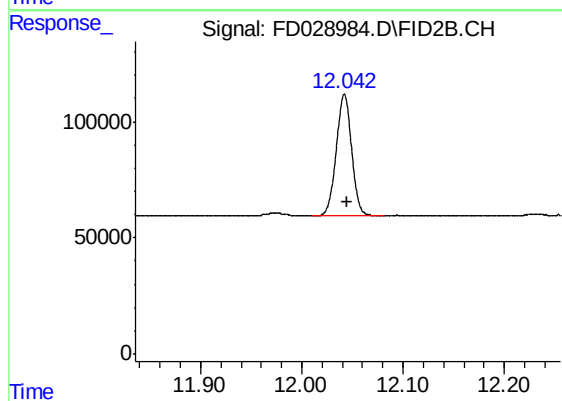
#10 Anthracene (C19.43)

R.T.: 10.306 min
Delta R.T.: -0.003 min
Response: 611193
Conc: 5.77 ug/ml



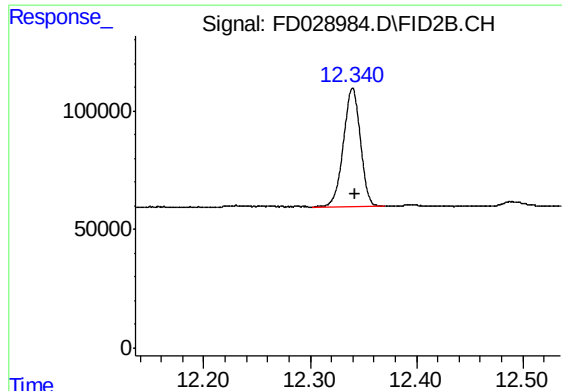
#11 ortho-Terphenyl (SURR)

R.T.: 10.995 min
Delta R.T.: -0.002 min
Response: 625165
Conc: 5.87 ug/ml



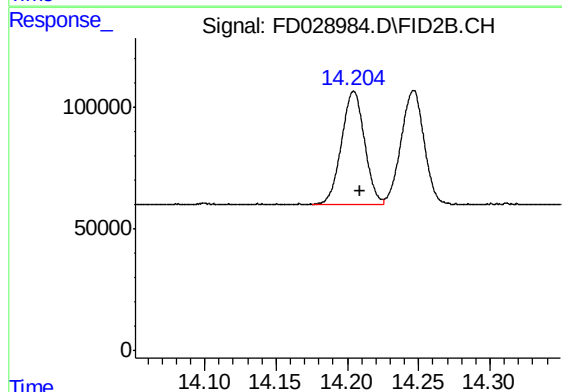
#12 Fluoranthene (C21.85)

R.T.: 12.042 min
Delta R.T.: -0.003 min
Response: 549697
Conc: 5.61 ug/ml



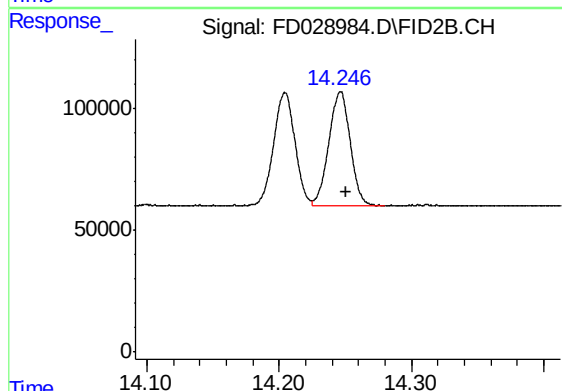
#13 Pyrene (C20.8)

R.T.: 12.340 min
Delta R.T.: -0.003 min
Response: 557367
Conc: 5.65 ug/ml



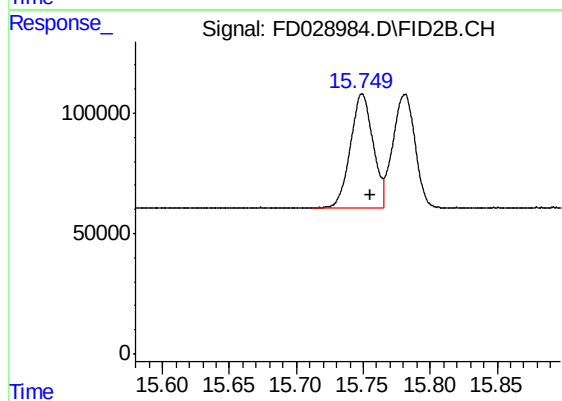
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.205 min
Delta R.T.: -0.005 min
Response: 518741
Conc: 5.15 ug/ml



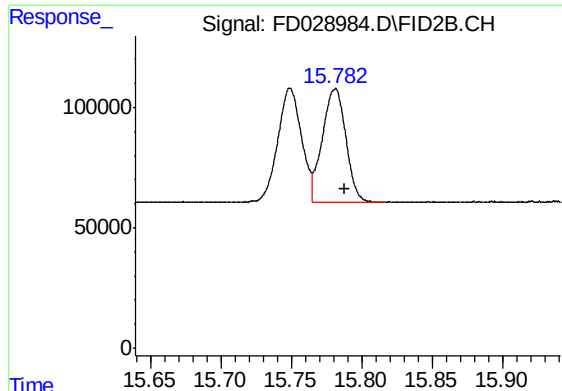
#15 Chrysene (C27.41)

R.T.: 14.247 min
Delta R.T.: -0.004 min
Response: 522944
Conc: 5.18 ug/ml



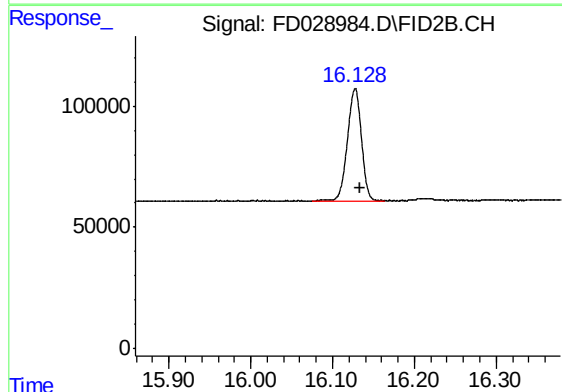
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.749 min
Delta R.T.: -0.006 min
Response: 556299
Conc: 5.26 ug/ml



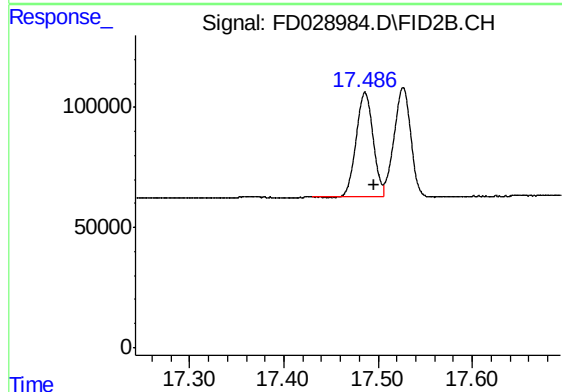
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.781 min
Delta R.T.: -0.006 min
Response: 546588
Conc: 5.19 ug/ml



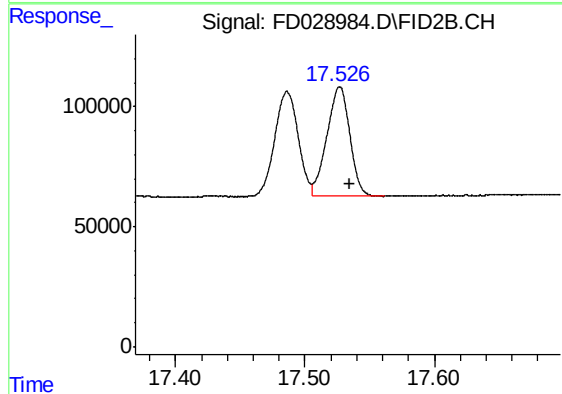
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.128 min
Delta R.T.: -0.007 min
Response: 552104
Conc: 5.23 ug/ml



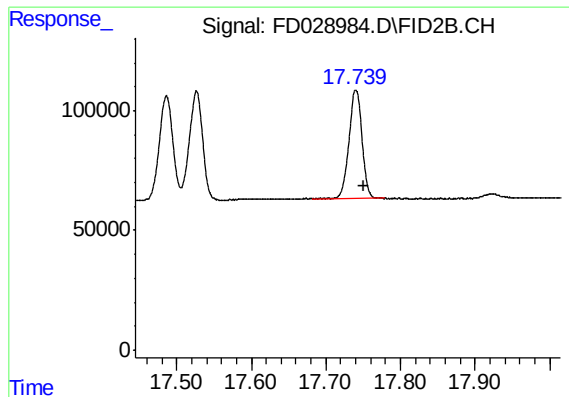
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.486 min
Delta R.T.: -0.009 min
Response: 547315
Conc: 5.17 ug/ml



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

R.T.: 17.527 min
Delta R.T.: -0.008 min
Response: 564198
Conc: 5.37 ug/ml



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

R.T.: 17.740 min
Delta R.T.: -0.011 min
Response: 547242
Conc: 5.17 ug/ml