

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022219AR\
 Data File : FD027931.D
 Signal(s) : FID2B.CH
 Acq On : 23 Feb 2019 5:01
 Operator : AJ\SJ
 Sample : K1556-01MS
 Misc :
 ALS Vial : 74 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 25 00:47:21 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020419.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 05 01:03:41 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...	7.336	3303851	44.503 ug/ml
Spiked Amount 50.000		Recovery =	89.01%
6) S 2-Fluorobiphenyl (SURR)	8.184	2176553	42.780 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	85.56%
11) S ortho-Terphenyl (SURR)	11.220	3031794	34.202 ug/ml
Spiked Amount 50.000		Recovery =	68.40%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.149	2473563	31.297 ug/ml
2) T Naphthalene (C11.7)	5.673	2820609	33.138 ug/ml
3) T 2-Methylnaphthalene (...)	6.723	2876782	34.099 ug/ml
5) T Acenaphthylene (C15.06)	7.989	2880881	34.407 ug/ml
7) T Acenaphthene (C15.5)	8.283	2937856	33.423 ug/ml
8) T Fluorene (C16.55)	9.059	2822565	32.365 ug/ml
9) T Phenanthrene (C19.36)	10.445	3419699	38.930 ug/ml
10) T Anthracene (C19.43)	10.520	3145749	36.405 ug/ml
12) T Fluoranthene (C21.85)	12.251	5812624	64.926 ug/ml
13) T Pyrene (C20.8)	12.543	5226089	58.895 ug/ml
14) T Benzo[a]anthracene (C...	14.407	4821450	53.922 ug/ml
15) T Chrysene (C27.41)	14.451	4795095	52.802 ug/ml
16) T benzo[b]fluoranthene ...	15.955	5808882	59.477 ug/ml
17) T Bnezo[k]fluoranthene ...	15.984	4134648	41.816 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.328	5260984	53.806 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.687	4824339	48.649 ug/ml
20) T Dibenz[a,h]anthracene...	17.727	3782541	38.455 ug/ml
21) T Benzo[g,h,i]perylene ...	17.942	4975828	49.081 ug/ml

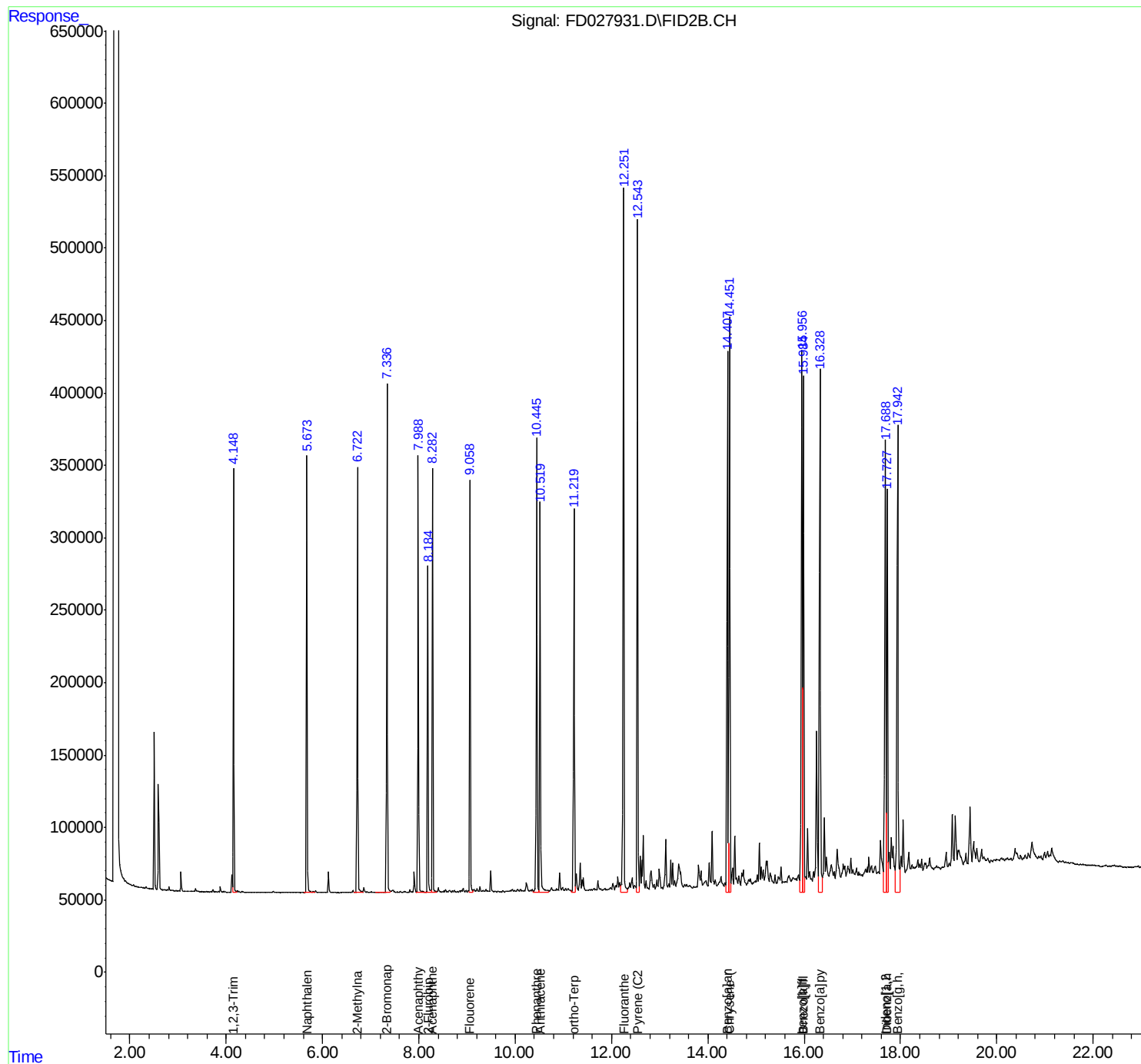
(f)=RT Delta > 1/2 Window

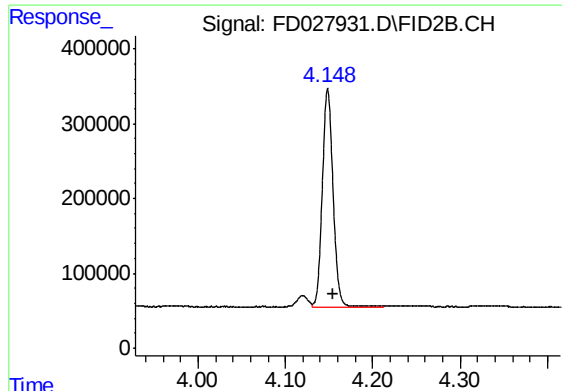
(m)=manual int.

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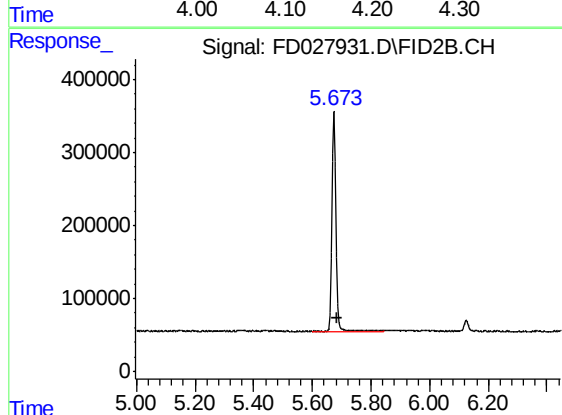
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Signal Info : 20M x 0.18mm x 0.18µm





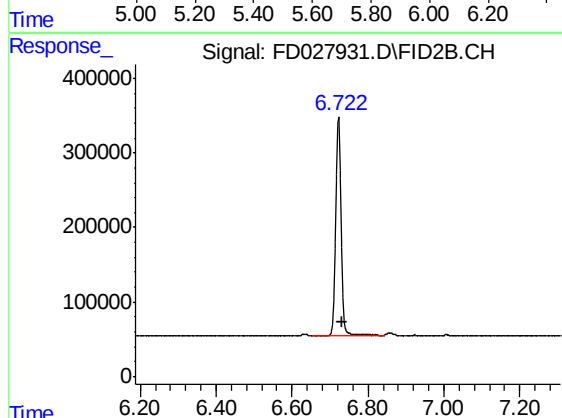
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.149 min
Delta R.T.: -0.006 min
Response: 2473563
Conc: 31.30 ug/ml



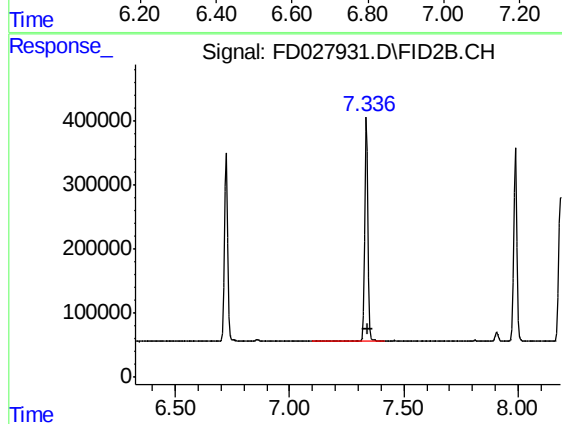
#2 Naphthalene (C11.7)

R.T.: 5.673 min
Delta R.T.: -0.009 min
Response: 2820609
Conc: 33.14 ug/ml



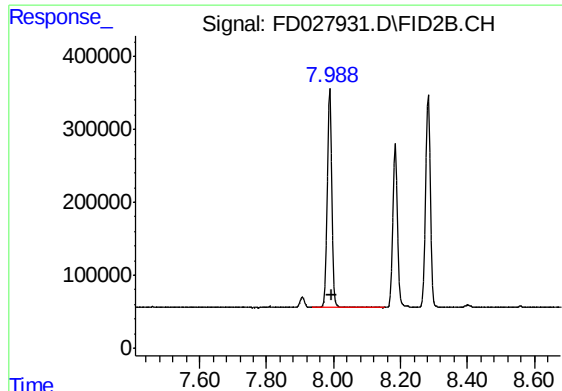
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.723 min
Delta R.T.: -0.009 min
Response: 2876782
Conc: 34.10 ug/ml



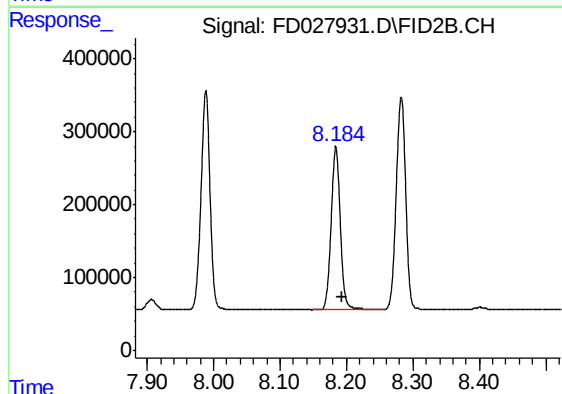
#4 2-Bromonaphthalene (SURR)

R.T.: 7.336 min
Delta R.T.: -0.009 min
Response: 3303851
Conc: 44.50 ug/ml



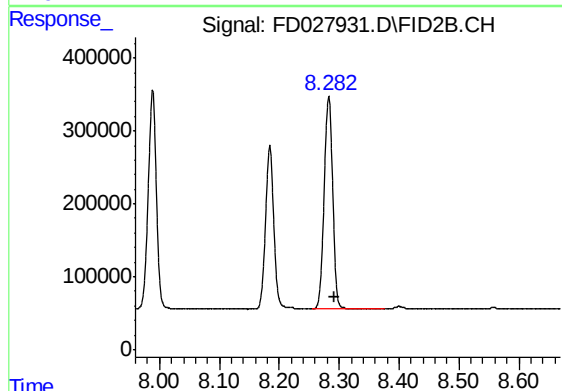
#5 Acenaphthylene (C15.06)

R.T.: 7.989 min
Delta R.T.: -0.008 min
Response: 2880881
Conc: 34.41 ug/ml



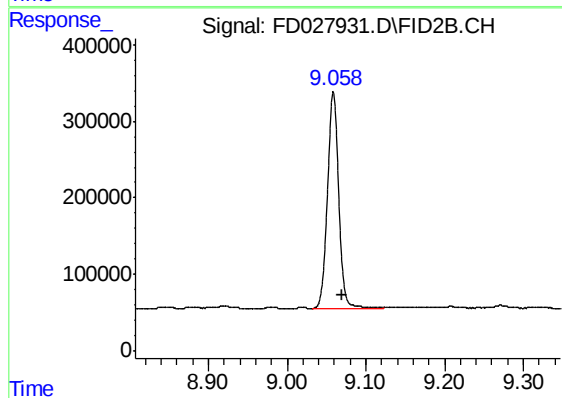
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.184 min
Delta R.T.: -0.009 min
Response: 2176553
Conc: 42.78 ug/ml



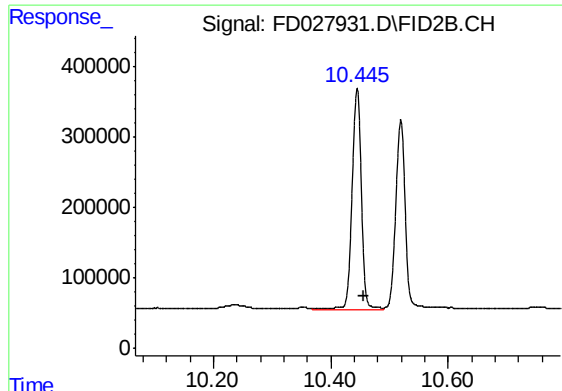
#7 Acenaphthene (C15.5)

R.T.: 8.283 min
Delta R.T.: -0.009 min
Response: 2937856
Conc: 33.42 ug/ml



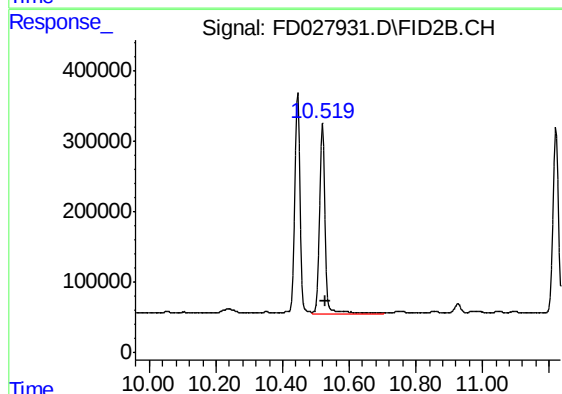
#8 Flouorene (C16.55)

R.T.: 9.059 min
Delta R.T.: -0.011 min
Response: 2822565
Conc: 32.37 ug/ml



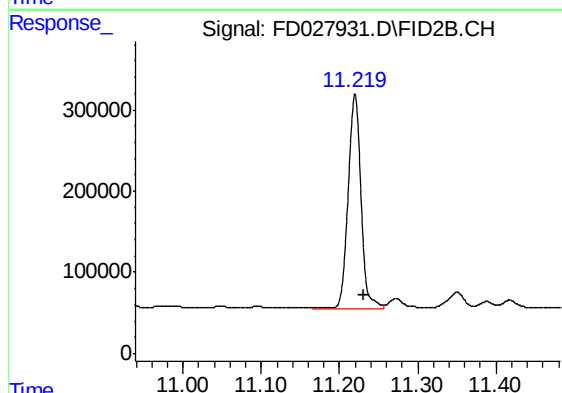
#9 Phenanthrene (C19.36)

R.T.: 10.445 min
Delta R.T.: -0.011 min
Response: 3419699
Conc: 38.93 ug/ml



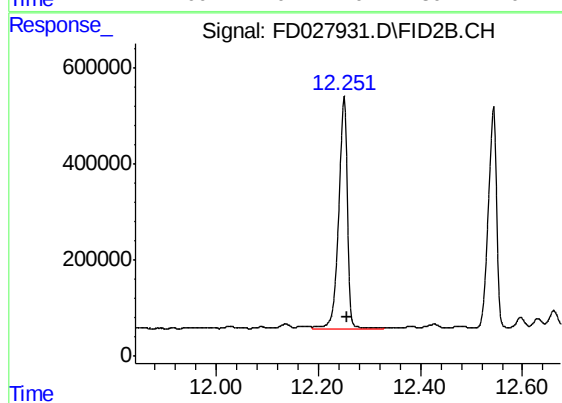
#10 Anthracene (C19.43)

R.T.: 10.520 min
Delta R.T.: -0.010 min
Response: 3145749
Conc: 36.41 ug/ml



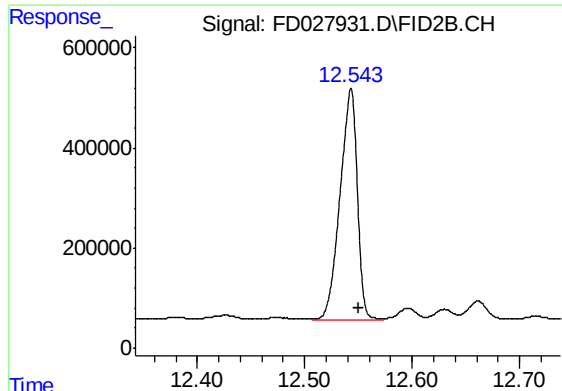
#11 ortho-Terphenyl (SURR)

R.T.: 11.220 min
Delta R.T.: -0.011 min
Response: 3031794
Conc: 34.20 ug/ml



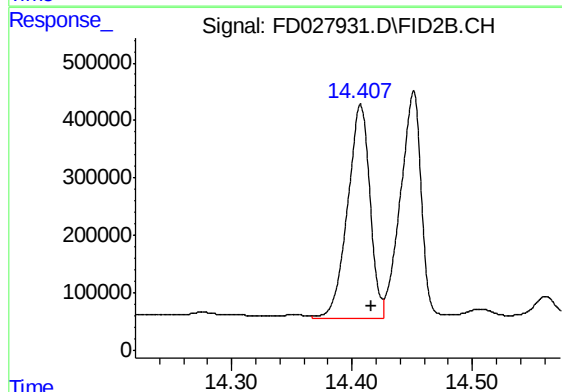
#12 Fluoranthene (C21.85)

R.T.: 12.251 min
Delta R.T.: -0.006 min
Response: 5812624
Conc: 64.93 ug/ml



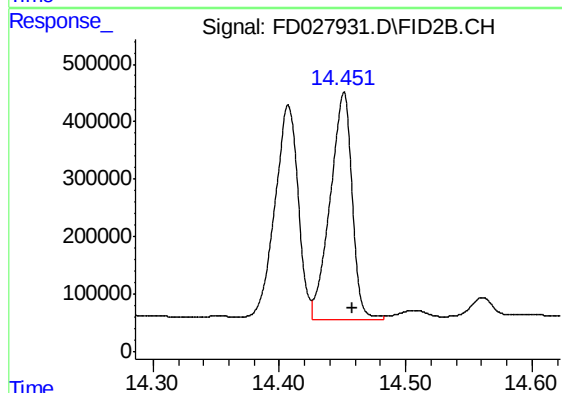
#13 Pyrene (C20.8)

R.T.: 12.543 min
Delta R.T.: -0.007 min
Response: 5226089
Conc: 58.89 ug/ml



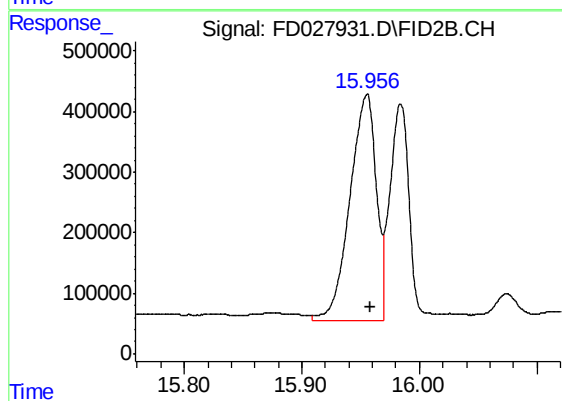
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.407 min
Delta R.T.: -0.009 min
Response: 4821450
Conc: 53.92 ug/ml



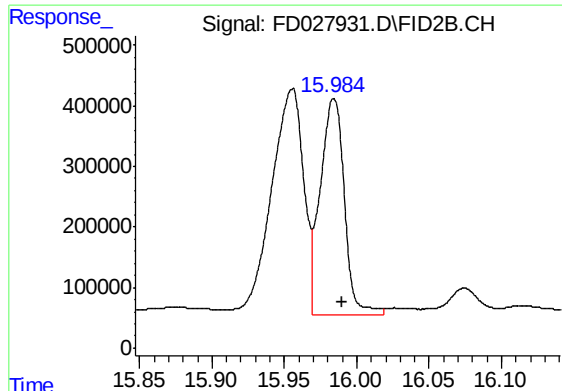
#15 Chrysene (C27.41)

R.T.: 14.451 min
Delta R.T.: -0.006 min
Response: 4795095
Conc: 52.80 ug/ml



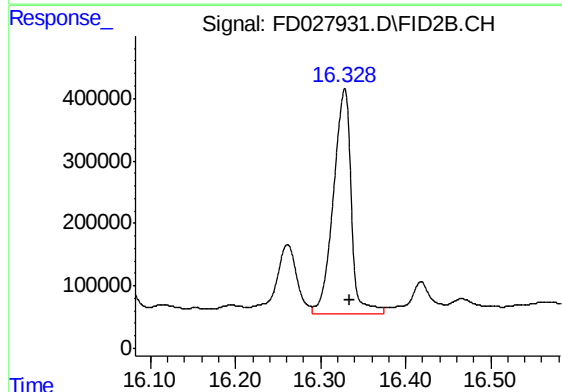
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.955 min
Delta R.T.: -0.003 min
Response: 5808882
Conc: 59.48 ug/ml



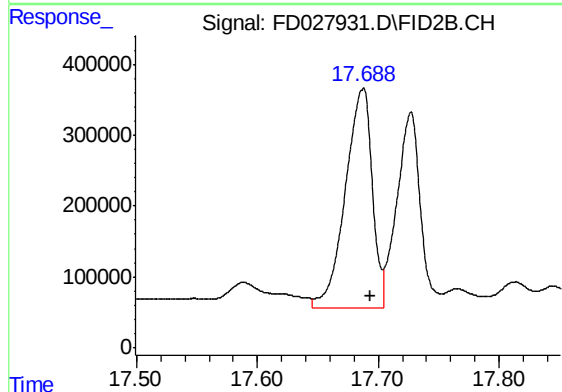
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.984 min
Delta R.T.: -0.006 min
Response: 4134648
Conc: 41.82 ug/ml



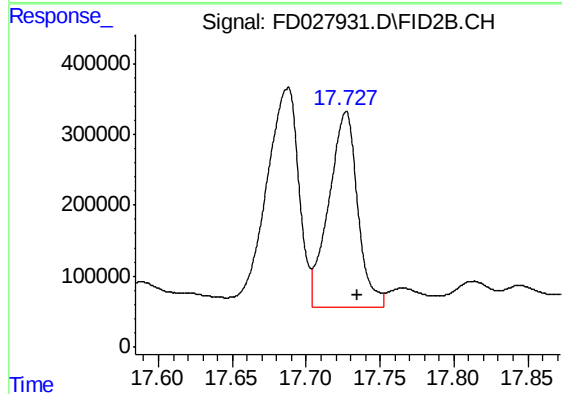
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.328 min
Delta R.T.: -0.006 min
Response: 5260984
Conc: 53.81 ug/ml



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

R.T.: 17.687 min
Delta R.T.: -0.006 min
Response: 4824339
Conc: 48.65 ug/ml



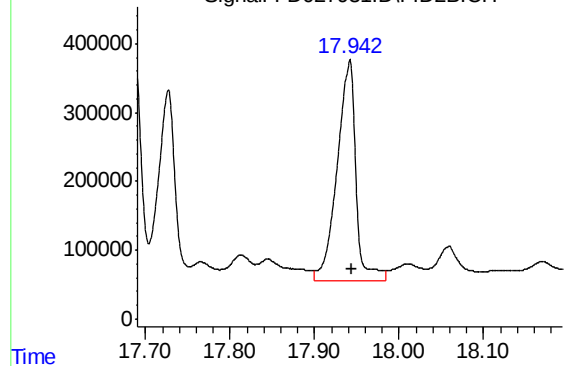
#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 17.727 min
Delta R.T.: -0.008 min
Response: 3782541
Conc: 38.46 ug/ml

Response_

Signal: FD027931.D\FID2B.CH

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



R.T.: 17.942 min
Delta R.T.: -0.002 min
Response: 4975828
Conc: 49.08 ug/ml