

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022719AR\
 Data File : FD027986.D
 Signal(s) : FID2B.CH
 Acq On : 27 Feb 2019 22:15
 Operator : AJ\SJ
 Sample : K1633-01MSD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 28 03:07:29 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...	7.333	2754012	37.096 ug/ml
Spiked Amount 50.000		Recovery =	74.19%
6) S 2-Fluorobiphenyl (SURR)	8.182	1831101	35.990 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	71.98%
11) S ortho-Terphenyl (SURR)	11.217	2618415	29.538 ug/ml
Spiked Amount 50.000		Recovery =	59.08%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.145	2202003	27.861 ug/ml
2) T Naphthalene (C11.7)	5.670	2452142	28.809 ug/ml
3) T 2-Methylnaphthalene (...)	6.720	2516812	29.832 ug/ml
5) T Acenaphthylene (C15.06)	7.984	2454600	29.316 ug/ml
7) T Acenaphthene (C15.5)	8.280	2628238	29.901 ug/ml
8) T Fluorene (C16.55)	9.057	2552438	29.268 ug/ml
9) T Phenanthrene (C19.36)	10.442	2791139	31.774 ug/ml
10) T Anthracene (C19.43)	10.517	2721325	31.494 ug/ml
12) T Fluoranthene (C21.85)	12.242	3432818	38.344 ug/ml
13) T Pyrene (C20.8)	12.536	3094509	34.873 ug/ml
14) T Benzo[a]anthracene (C...	14.402	2992171	33.464 ug/ml
15) T Chrysene (C27.41)	14.444	3087282	33.996 ug/ml
16) T benzo[b]fluoranthene ...	15.945	3092779	31.667 ug/ml
17) T Bnezo[k]fluoranthene ...	15.976	2991833	30.258 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.317	2879590	29.451 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.676	2676421	26.989 ug/ml
20) T Dibenz[a,h]anthracene...	17.719	2760599	28.066 ug/ml
21) T Benzo[g,h,i]perylene ...	17.929	2837961	27.993 ug/ml

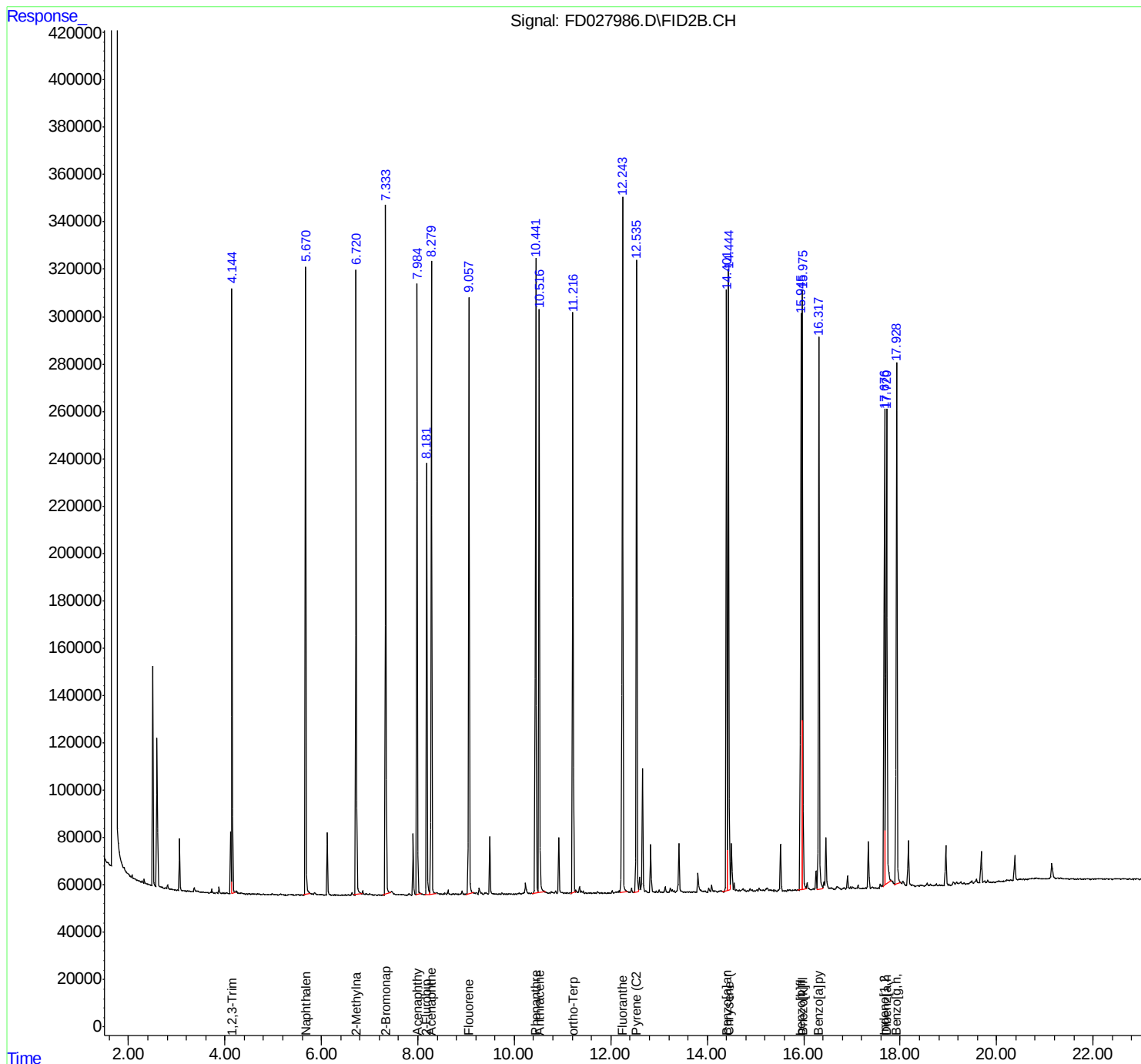
(f)=RT Delta > 1/2 Window

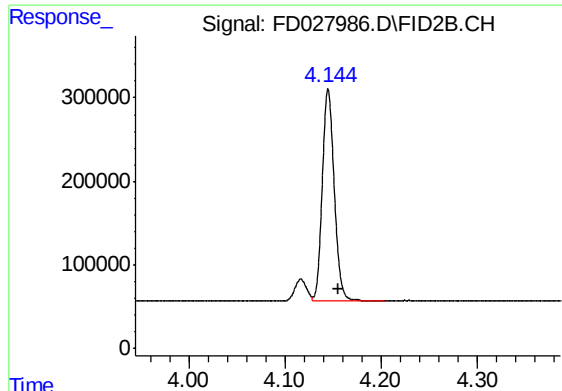
(m)=manual int.

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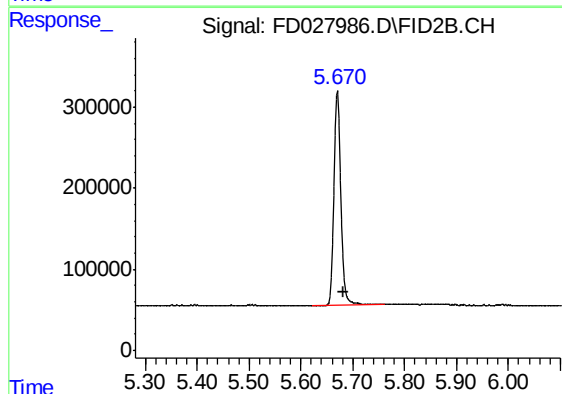
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





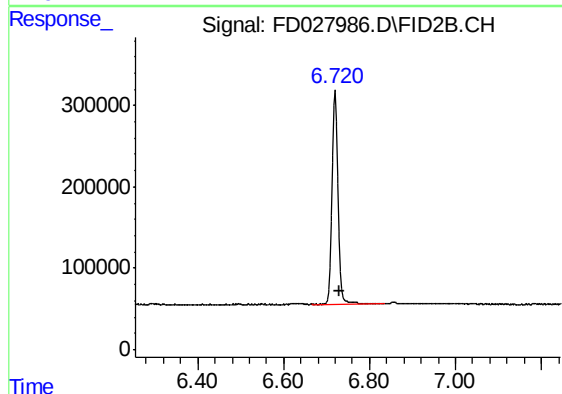
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.145 min
Delta R.T.: -0.010 min
Response: 2202003
Conc: 27.86 ug/ml



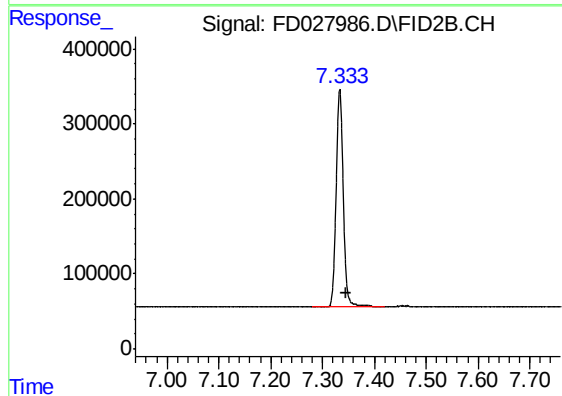
#2 Naphthalene (C11.7)

R.T.: 5.670 min
Delta R.T.: -0.012 min
Response: 2452142
Conc: 28.81 ug/ml



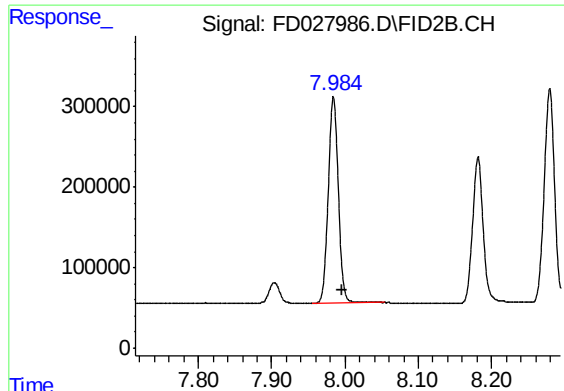
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.720 min
Delta R.T.: -0.012 min
Response: 2516812
Conc: 29.83 ug/ml



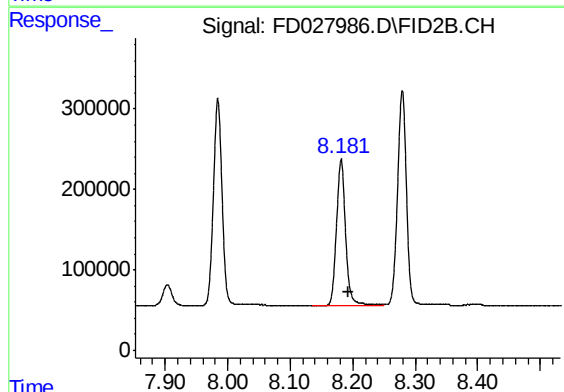
#4 2-Bromonaphthalene (SURR)

R.T.: 7.333 min
Delta R.T.: -0.012 min
Response: 2754012
Conc: 37.10 ug/ml



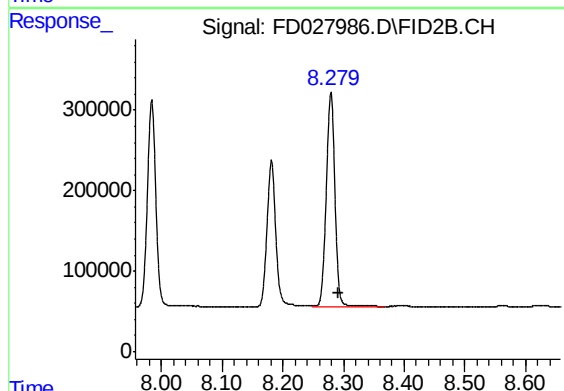
#5 Acenaphthylene (C15.06)

R.T.: 7.984 min
Delta R.T.: -0.012 min
Response: 2454600
Conc: 29.32 ug/ml



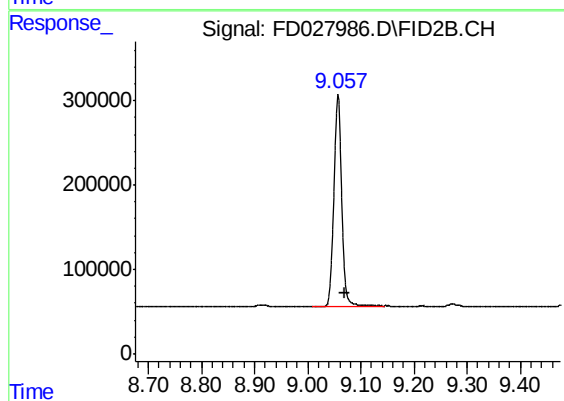
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.182 min
Delta R.T.: -0.012 min
Response: 1831101
Conc: 35.99 ug/ml



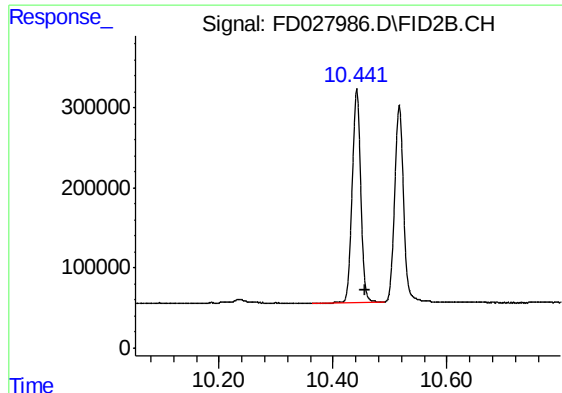
#7 Acenaphthene (C15.5)

R.T.: 8.280 min
Delta R.T.: -0.012 min
Response: 2628238
Conc: 29.90 ug/ml



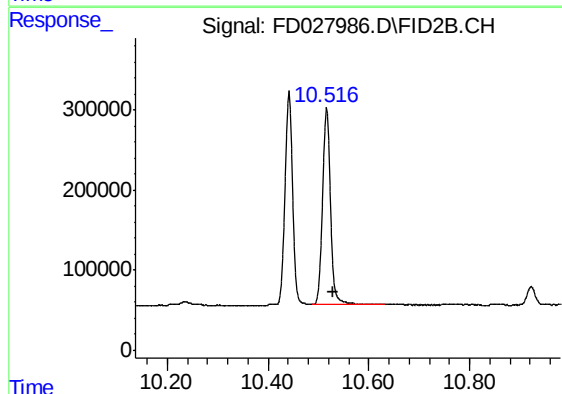
#8 Flouorene (C16.55)

R.T.: 9.057 min
Delta R.T.: -0.013 min
Response: 2552438
Conc: 29.27 ug/ml



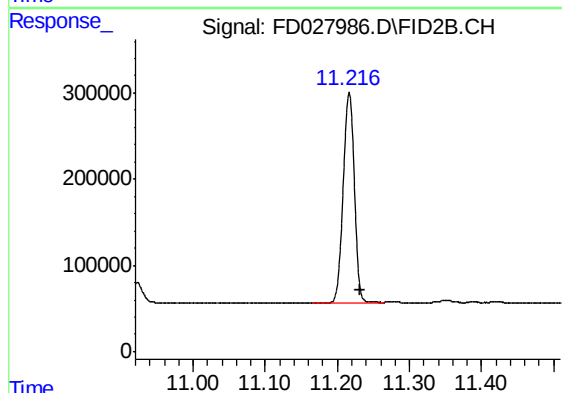
#9 Phenanthrene (C19.36)

R.T.: 10.442 min
Delta R.T.: -0.014 min
Response: 2791139
Conc: 31.77 ug/ml



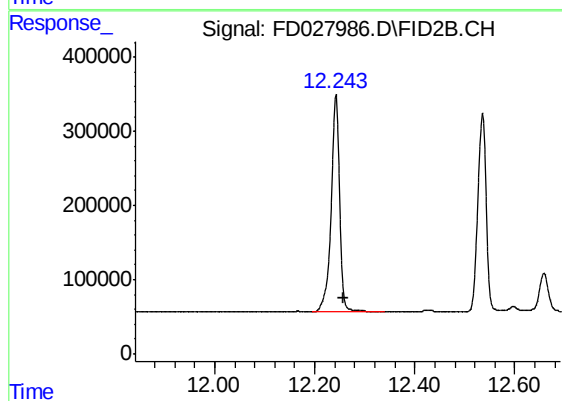
#10 Anthracene (C19.43)

R.T.: 10.517 min
Delta R.T.: -0.013 min
Response: 2721325
Conc: 31.49 ug/ml



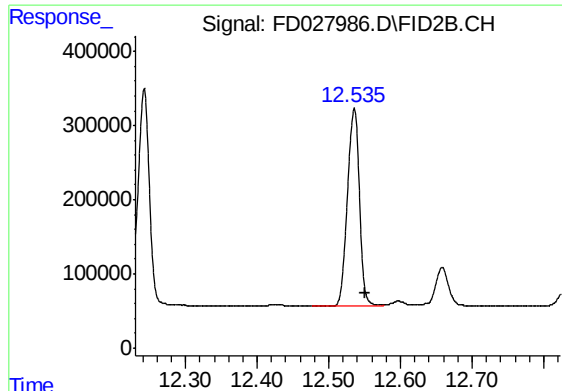
#11 ortho-Terphenyl (SURR)

R.T.: 11.217 min
Delta R.T.: -0.014 min
Response: 2618415
Conc: 29.54 ug/ml



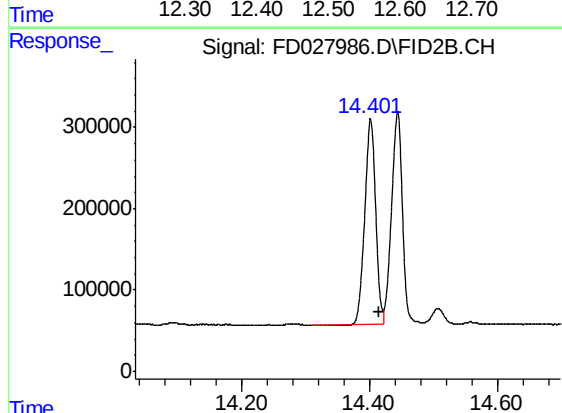
#12 Fluoranthene (C21.85)

R.T.: 12.242 min
Delta R.T.: -0.015 min
Response: 3432818
Conc: 38.34 ug/ml



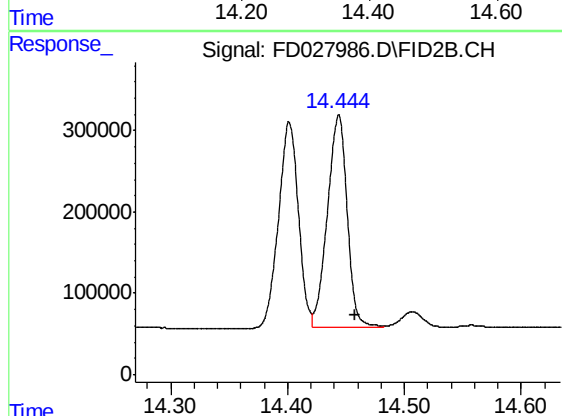
#13 Pyrene (C20.8)

R.T.: 12.536 min
Delta R.T.: -0.015 min
Response: 3094509
Conc: 34.87 ug/ml



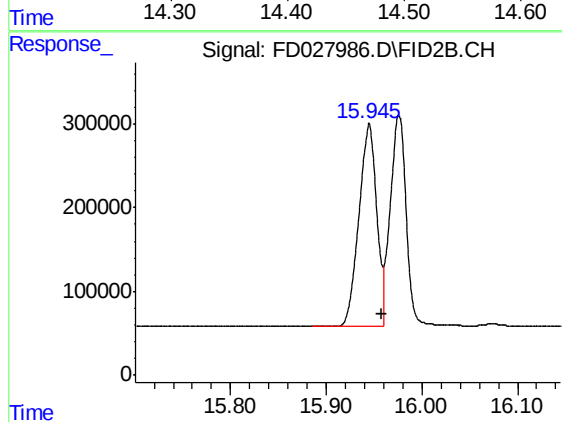
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.402 min
Delta R.T.: -0.014 min
Response: 2992171
Conc: 33.46 ug/ml



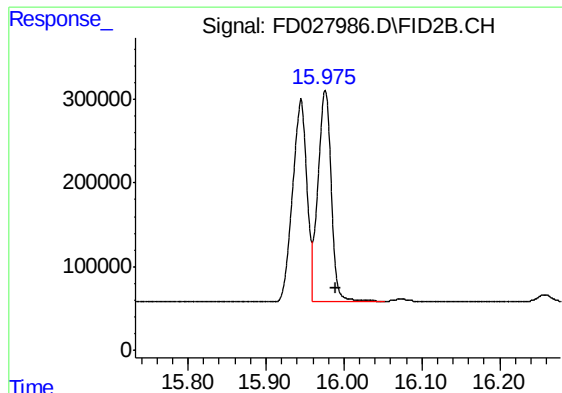
#15 Chrysene (C27.41)

R.T.: 14.444 min
Delta R.T.: -0.014 min
Response: 3087282
Conc: 34.00 ug/ml



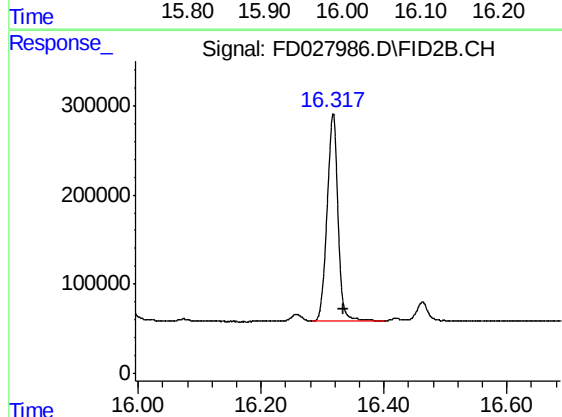
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.945 min
Delta R.T.: -0.013 min
Response: 3092779
Conc: 31.67 ug/ml



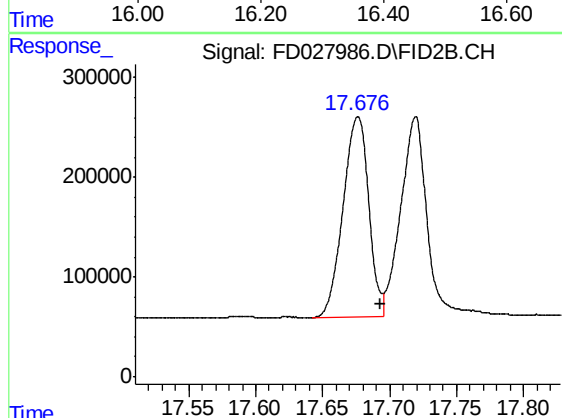
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.976 min
Delta R.T.: -0.014 min
Response: 2991833
Conc: 30.26 ug/ml



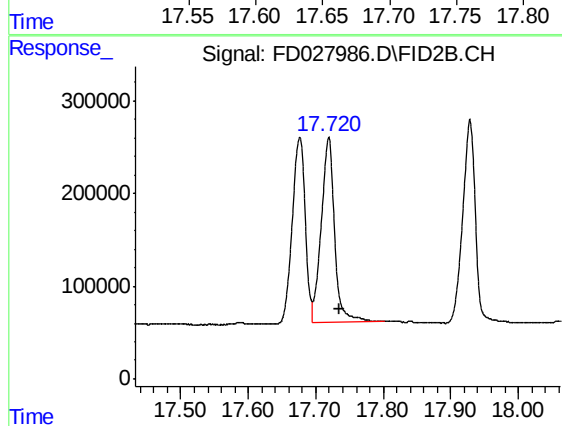
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.317 min
Delta R.T.: -0.017 min
Response: 2879590
Conc: 29.45 ug/ml



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

R.T.: 17.676 min
Delta R.T.: -0.017 min
Response: 2676421
Conc: 26.99 ug/ml



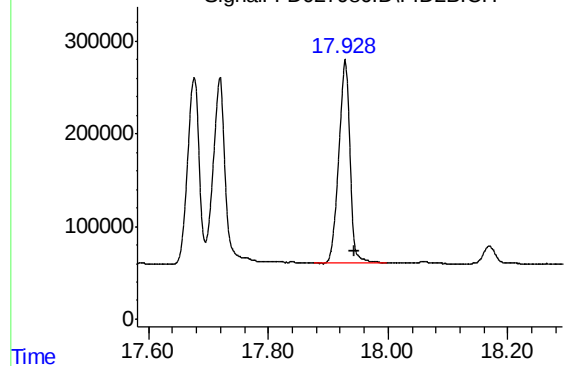
#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 17.719 min
Delta R.T.: -0.015 min
Response: 2760599
Conc: 28.07 ug/ml

Response_

Signal: FD027986.D\FID2B.CH

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



R.T.: 17.929 min
Delta R.T.: -0.015 min
Response: 2837961
Conc: 27.99 ug/ml