

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021422AR\
 Data File : FD041016.D
 Signal(s) : FID2B.CH
 Acq On : 14 Feb 2022 22:17
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 15 01:11:56 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020822.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 08 22:55:26 2022
 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...	7.354	441334	20.878 ug/ml
Spiked Amount 50.000		Recovery =	41.76%
6) S 2-Fluorobiphenyl (SURR)	8.203	268659	20.968 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.94%
11) S ortho-Terphenyl (SURR)	11.231	571098	19.681 ug/ml
Spiked Amount 50.000		Recovery =	39.36%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.172	515361	20.308 ug/ml
2) T Naphthalene (C11.7)	5.696	484508	20.863 ug/ml
3) T 2-Methylnaphthalene (...)	6.742	490165	20.732 ug/ml
5) T Acenaphthylene (C15.06)	8.003	529135	19.718 ug/ml
7) T Acenaphthene (C15.5)	8.296	601521	19.968 ug/ml
8) T Fluorene (C16.55)	9.074	511586	20.560 ug/ml
9) T Phenanthrene (C19.36)	10.459	506581	20.559 ug/ml
10) T Anthracene (C19.43)	10.534	444599	17.042 ug/ml
12) T Fluoranthene (C21.85)	12.258	538959	20.232 ug/ml
13) T Pyrene (C20.8)	12.550	541042	19.999 ug/ml
14) T Benzo[a]anthracene (C...	14.417	457823	20.550 ug/ml
15) T Chrysene (C27.41)	14.457	617354	19.615 ug/ml
16) T benzo[b]fluoranthene ...	15.958	516621	20.765 ug/ml
17) T Bnezo[k]fluoranthene ...	15.989	610980	20.020 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.335	523122	20.521 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.693	495080	20.976 ug/ml
20) T Dibenz[a,h]anthracene...	17.738	588843	19.873 ug/ml
21) T Benzo[g,h,i]perylene ...	17.942	530367	19.973 ug/ml

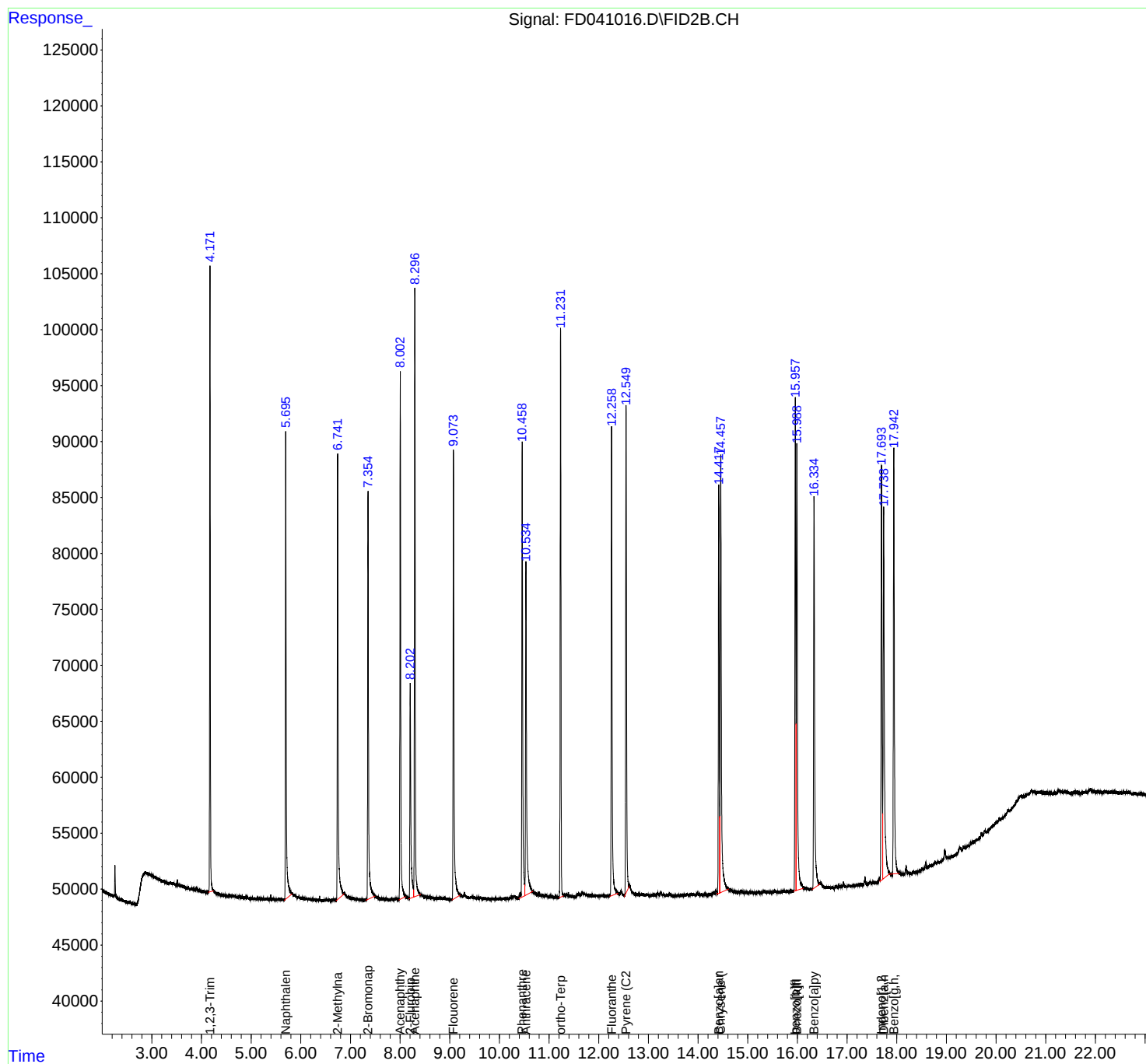
(f)=RT Delta > 1/2 Window

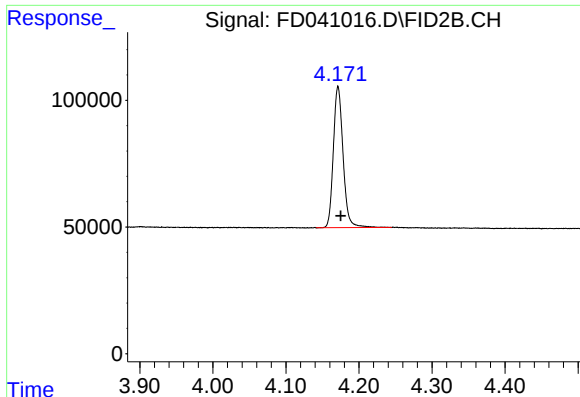
(m)=manual int.

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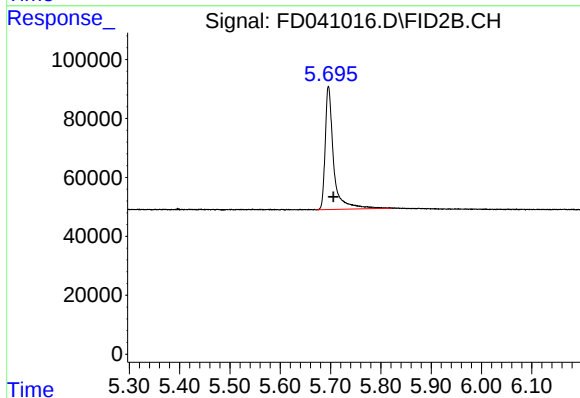
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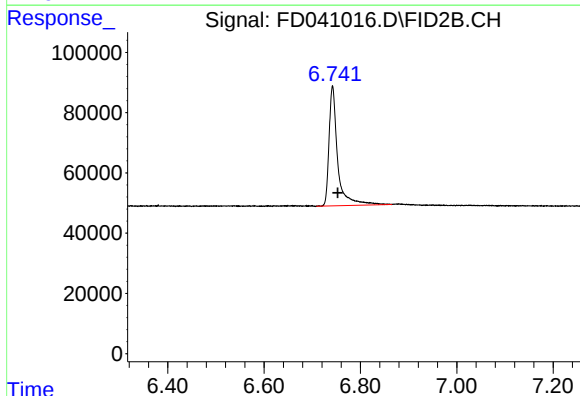
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.172 min
Delta R.T.: -0.003 min
Response: 515361
Conc: 20.31 ug/ml



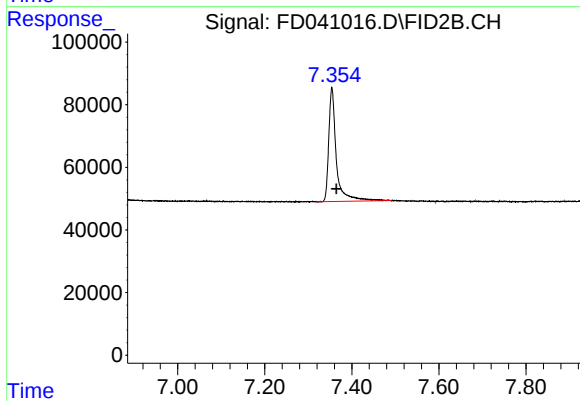
#2 Naphthalene (C11.7)

R.T.: 5.696 min
Delta R.T.: -0.009 min
Response: 484508
Conc: 20.86 ug/ml



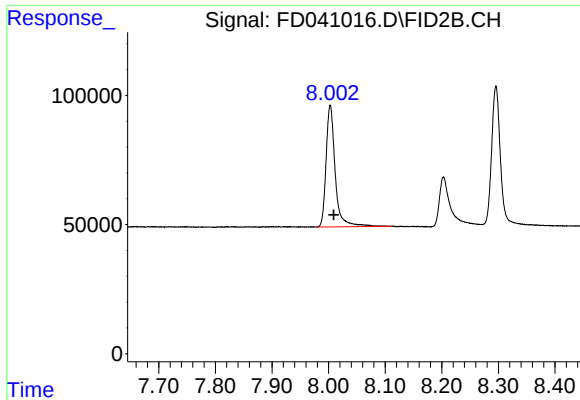
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.742 min
Delta R.T.: -0.011 min
Response: 490165
Conc: 20.73 ug/ml



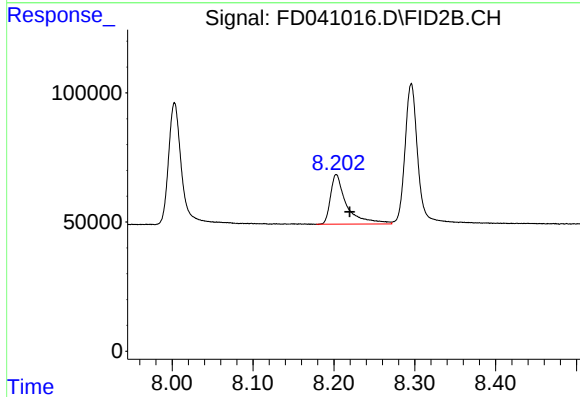
#4 2-Bromonaphthalene (SURR)

R.T.: 7.354 min
Delta R.T.: -0.010 min
Response: 441334
Conc: 20.88 ug/ml



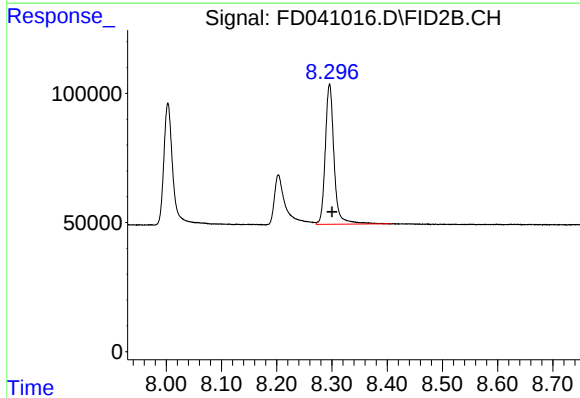
#5 Acenaphthylene (C15.06)

R.T.: 8.003 min
Delta R.T.: -0.006 min
Response: 529135
Conc: 19.72 ug/ml



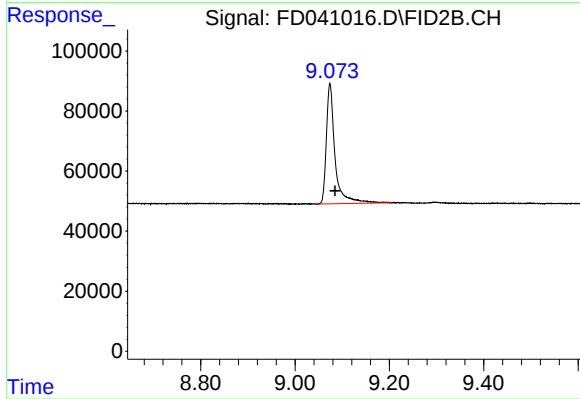
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.203 min
Delta R.T.: -0.016 min
Response: 268659
Conc: 20.97 ug/ml



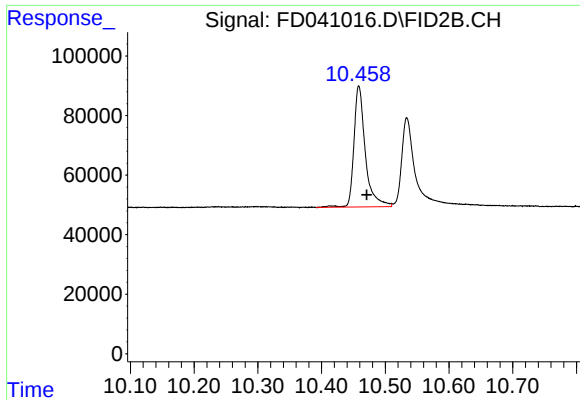
#7 Acenaphthene (C15.5)

R.T.: 8.296 min
Delta R.T.: -0.005 min
Response: 601521
Conc: 19.97 ug/ml



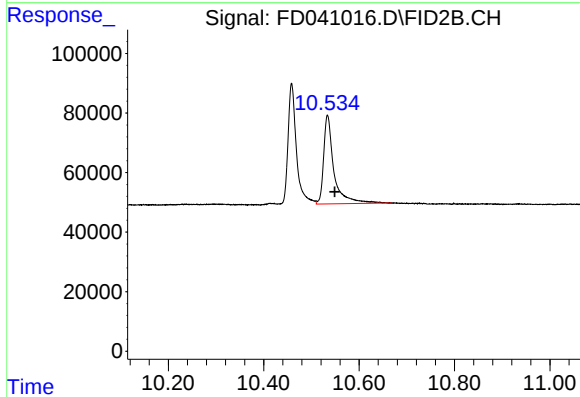
#8 Flouorene (C16.55)

R.T.: 9.074 min
Delta R.T.: -0.011 min
Response: 511586
Conc: 20.56 ug/ml



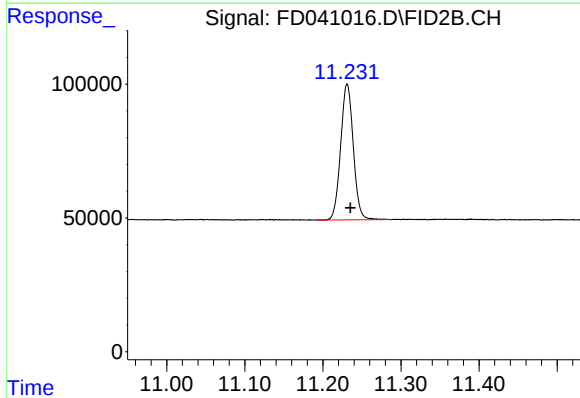
#9 Phenanthrene (C19.36)

R.T.: 10.459 min
Delta R.T.: -0.012 min
Response: 506581
Conc: 20.56 ug/ml



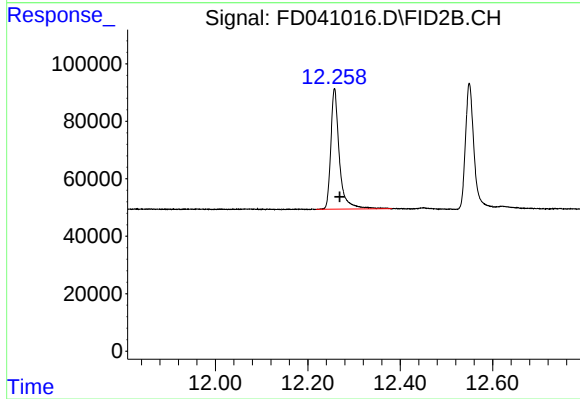
#10 Anthracene (C19.43)

R.T.: 10.534 min
Delta R.T.: -0.015 min
Response: 444599
Conc: 17.04 ug/ml



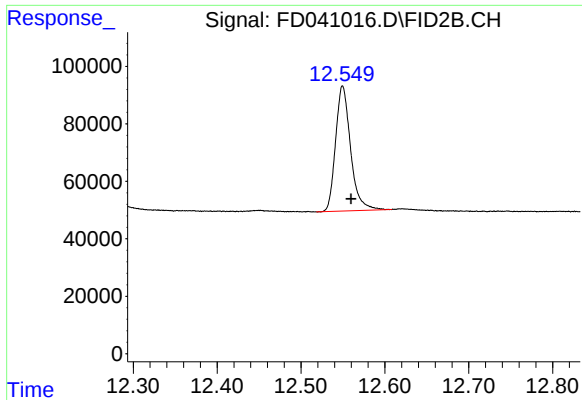
#11 ortho-Terphenyl (SURR)

R.T.: 11.231 min
Delta R.T.: -0.004 min
Response: 571098
Conc: 19.68 ug/ml



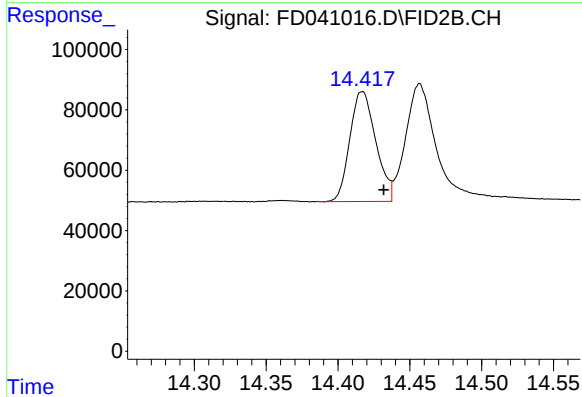
#12 Fluoranthene (C21.85)

R.T.: 12.258 min
Delta R.T.: -0.011 min
Response: 538959
Conc: 20.23 ug/ml



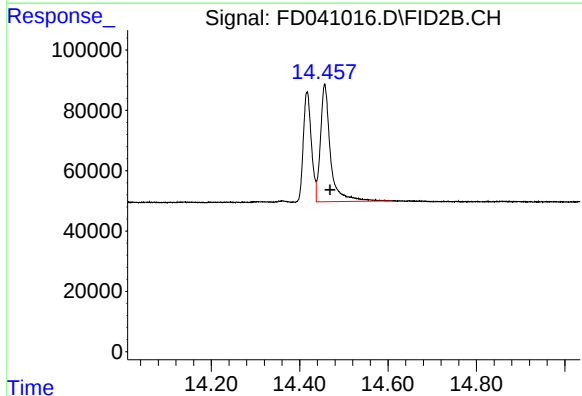
#13 Pyrene (C20.8)

R.T.: 12.550 min
Delta R.T.: -0.010 min
Response: 541042
Conc: 20.00 ug/ml



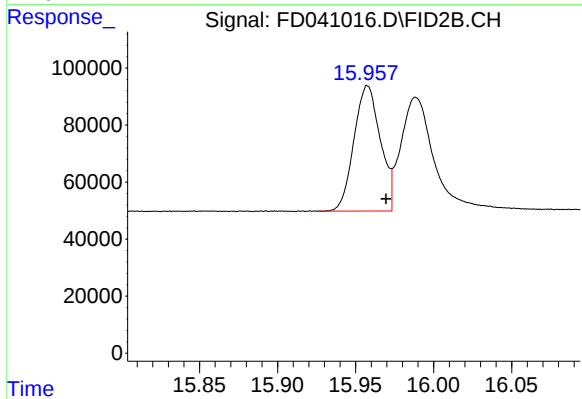
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.417 min
Delta R.T.: -0.015 min
Response: 457823
Conc: 20.55 ug/ml



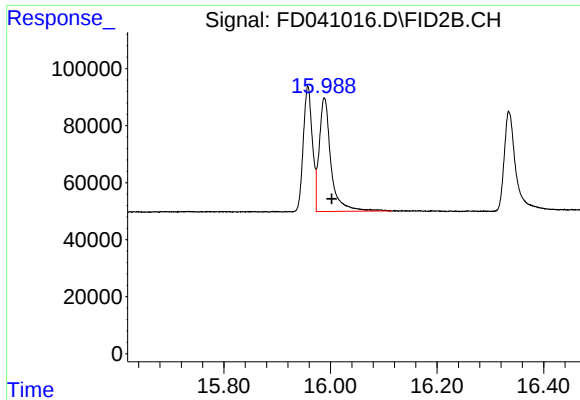
#15 Chrysene (C27.41)

R.T.: 14.457 min
Delta R.T.: -0.012 min
Response: 617354
Conc: 19.61 ug/ml



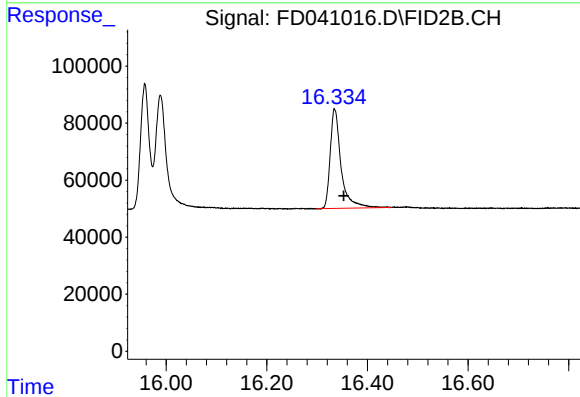
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.958 min
Delta R.T.: -0.012 min
Response: 516621
Conc: 20.77 ug/ml



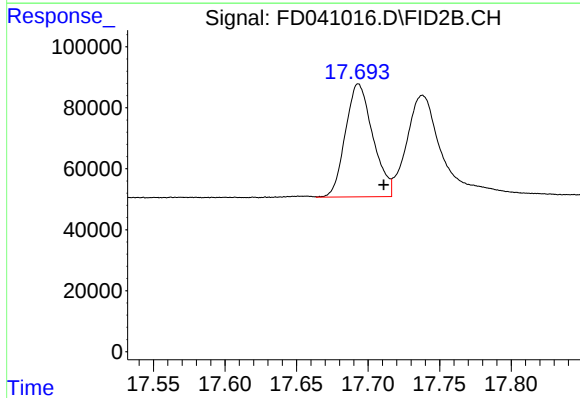
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.989 min
Delta R.T.: -0.014 min
Response: 610980
Conc: 20.02 ug/ml



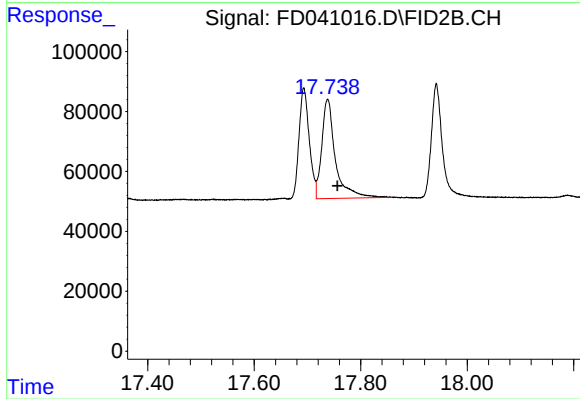
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.335 min
Delta R.T.: -0.018 min
Response: 523122
Conc: 20.52 ug/ml



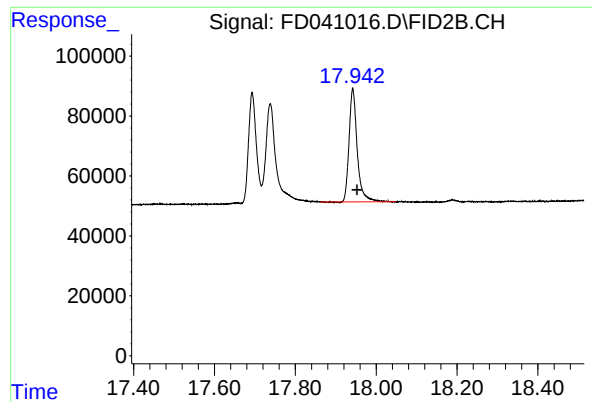
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.693 min
Delta R.T.: -0.018 min
Response: 495080
Conc: 20.98 ug/ml



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

R.T.: 17.738 min
Delta R.T.: -0.018 min
Response: 588843
Conc: 19.87 ug/ml



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

R.T.: 17.942 min
Delta R.T.: -0.010 min
Response: 530367
Conc: 19.97 ug/ml