

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021522AR\
 Data File : FD041045.D
 Signal(s) : FID2B.CH
 Acq On : 15 Feb 2022 22:14
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 16 00:57:41 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...	7.353	432247	20.448 ug/ml
Spiked Amount 50.000		Recovery =	40.90%
6) S 2-Fluorobiphenyl (SURR)	8.202	258683	20.189 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.38%
11) S ortho-Terphenyl (SURR)	11.228	562945	19.400 ug/ml
Spiked Amount 50.000		Recovery =	38.80%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.170	515690	20.321 ug/ml
2) T Naphthalene (C11.7)	5.695	478783	20.617 ug/ml
3) T 2-Methylnaphthalene (...)	6.741	475437	20.109 ug/ml
5) T Acenaphthylene (C15.06)	8.001	523633	19.513 ug/ml
7) T Acenaphthene (C15.5)	8.293	594800	19.744 ug/ml
8) T Fluorene (C16.55)	9.072	493055	19.816 ug/ml
9) T Phenanthrene (C19.36)	10.457	497781	20.202 ug/ml
10) T Anthracene (C19.43)	10.532	440899	16.900 ug/ml
12) T Fluoranthene (C21.85)	12.255	543390	20.398 ug/ml
13) T Pyrene (C20.8)	12.547	541348	20.010 ug/ml
14) T Benzo[a]anthracene (C...	14.413	455093	20.428 ug/ml
15) T Chrysene (C27.41)	14.453	636757	20.231 ug/ml
16) T benzo[b]fluoranthene ...	15.952	519131	20.866 ug/mlm
17) T Bnezo[k]fluoranthene ...	15.985	625955	20.511 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.332	522543	20.498 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.688	493295	20.901 ug/mlm
20) T Dibenz[a,h]anthracene...	17.733	628465	21.210 ug/ml
21) T Benzo[g,h,i]perylene ...	17.936	538468	20.278 ug/ml

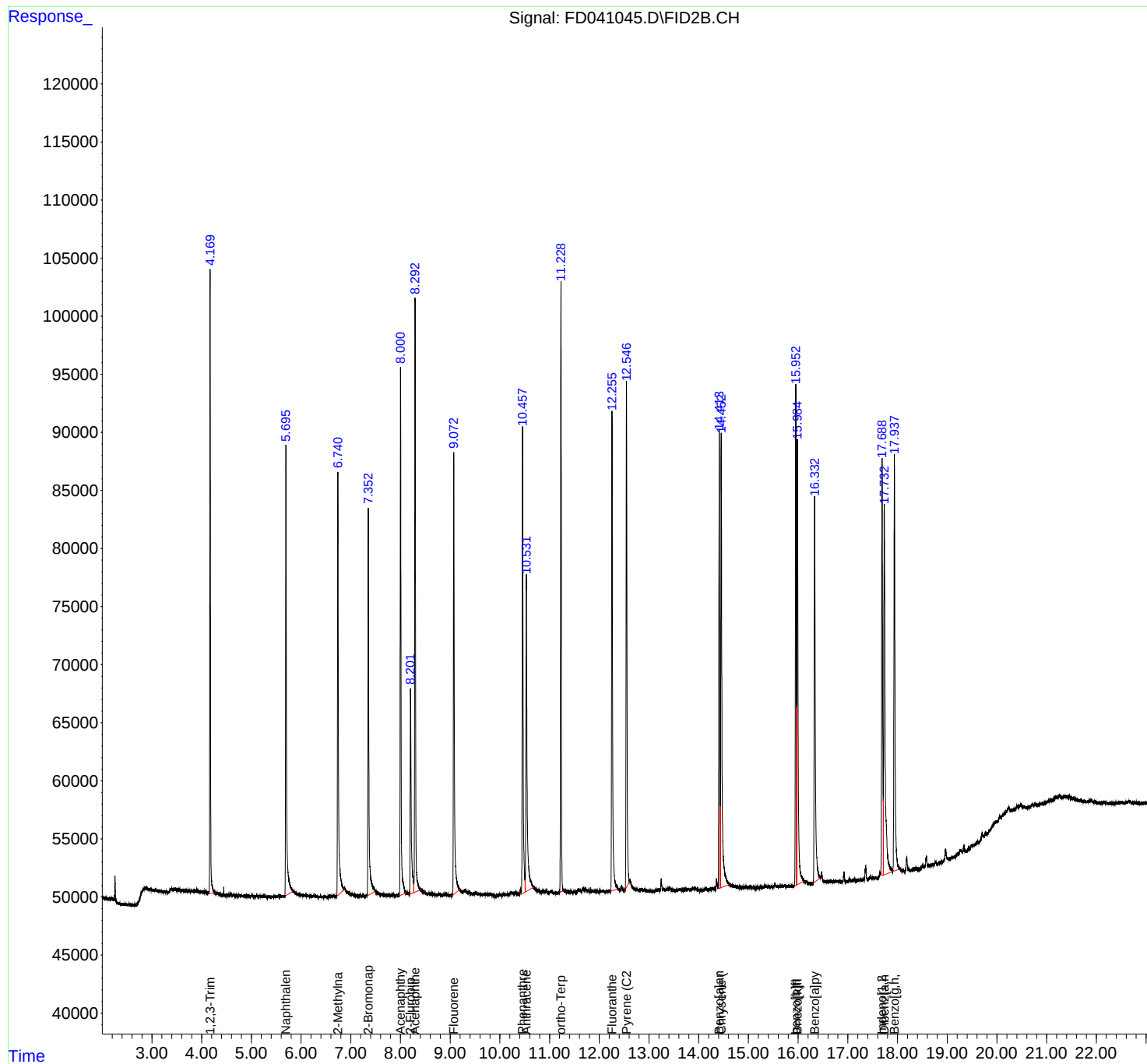
(f)=RT Delta > 1/2 Window

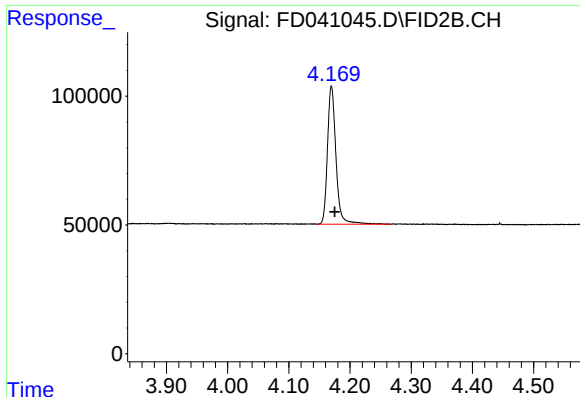
(m)=manual int.

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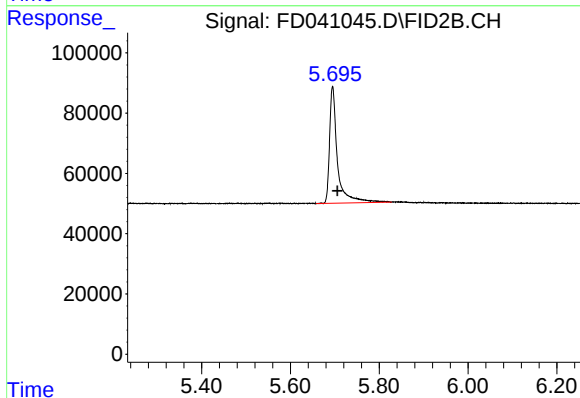
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Signal Info : 20M x 0.18mm x 0.18µm





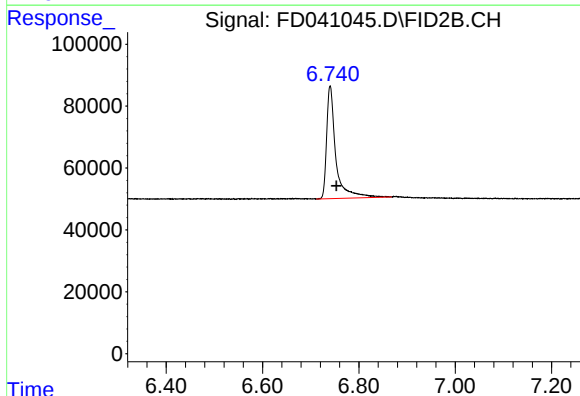
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.170 min
Delta R.T.: -0.005 min
Response: 515690
Conc: 20.32 ug/ml



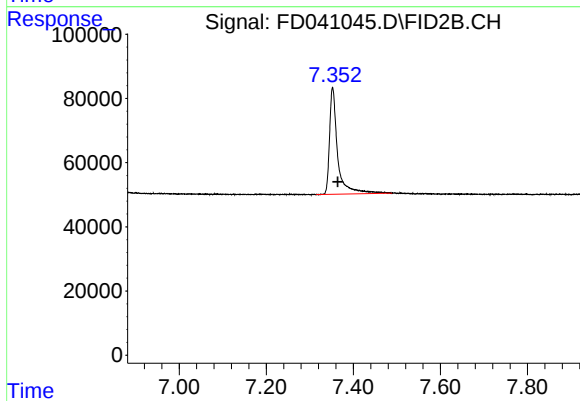
#2 Naphthalene (C11.7)

R.T.: 5.695 min
Delta R.T.: -0.010 min
Response: 478783
Conc: 20.62 ug/ml



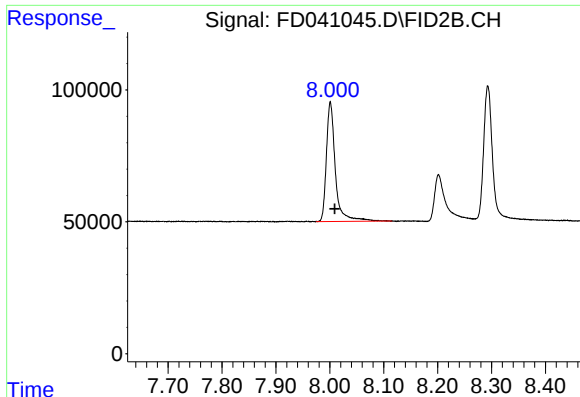
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.741 min
Delta R.T.: -0.012 min
Response: 475437
Conc: 20.11 ug/ml



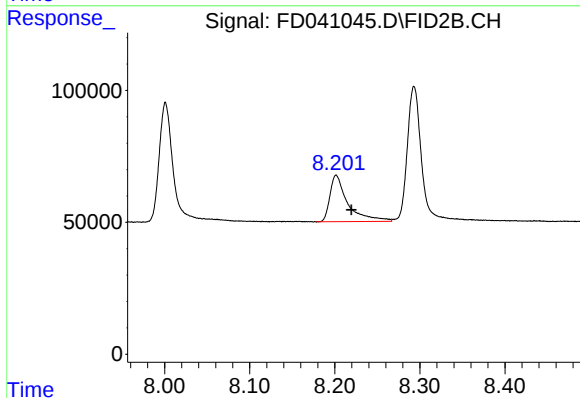
#4 2-Bromonaphthalene (SURR)

R.T.: 7.353 min
Delta R.T.: -0.011 min
Response: 432247
Conc: 20.45 ug/ml



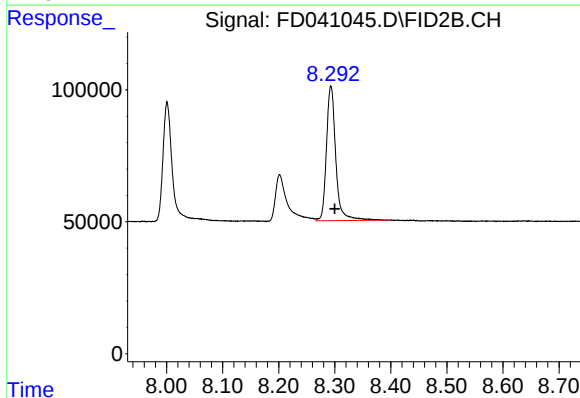
#5 Acenaphthylene (C15.06)

R.T.: 8.001 min
Delta R.T.: -0.008 min
Response: 523633
Conc: 19.51 ug/ml



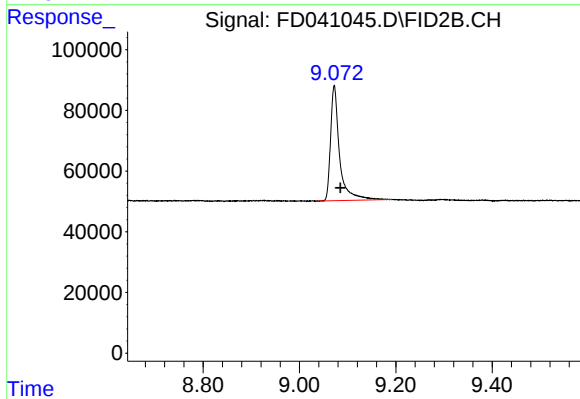
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.202 min
Delta R.T.: -0.018 min
Response: 258683
Conc: 20.19 ug/ml



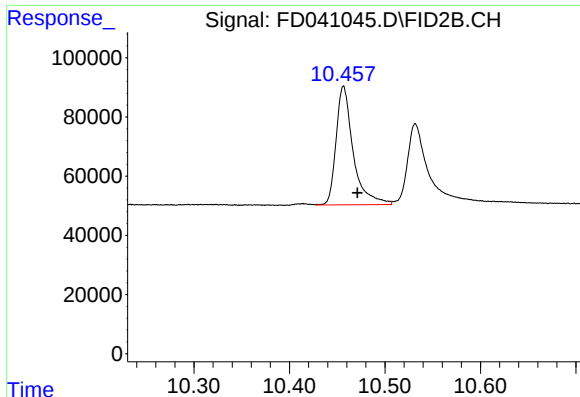
#7 Acenaphthene (C15.5)

R.T.: 8.293 min
Delta R.T.: -0.007 min
Response: 594800
Conc: 19.74 ug/ml



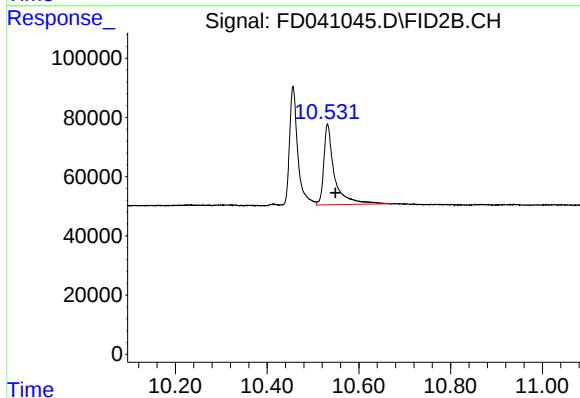
#8 Fluorene (C16.55)

R.T.: 9.072 min
Delta R.T.: -0.013 min
Response: 493055
Conc: 19.82 ug/ml



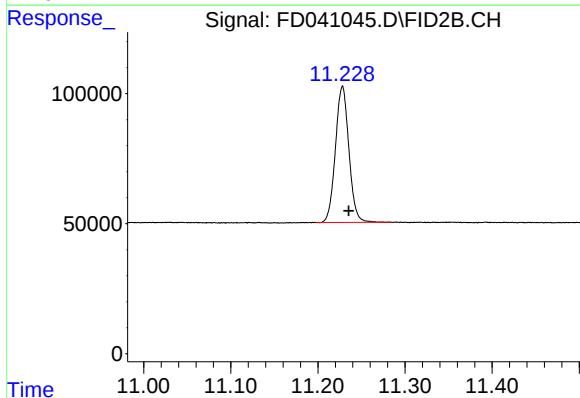
#9 Phenanthrene (C19.36)

R.T.: 10.457 min
Delta R.T.: -0.014 min
Response: 497781
Conc: 20.20 ug/ml



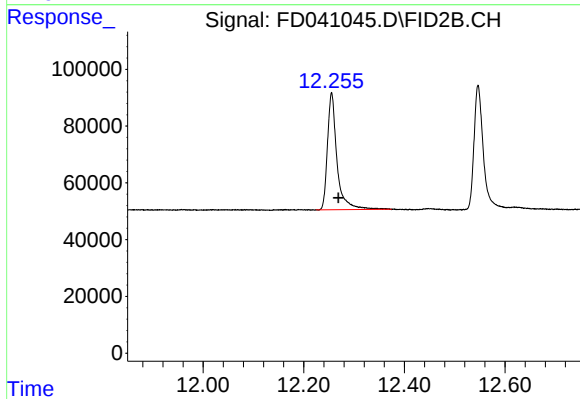
#10 Anthracene (C19.43)

R.T.: 10.532 min
Delta R.T.: -0.017 min
Response: 440899
Conc: 16.90 ug/ml



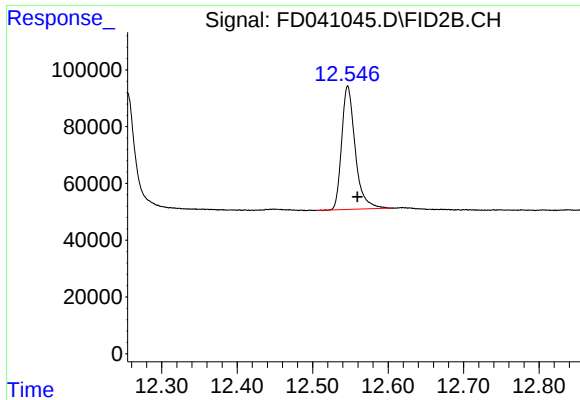
#11 ortho-Terphenyl (SURR)

R.T.: 11.228 min
Delta R.T.: -0.007 min
Response: 562945
Conc: 19.40 ug/ml



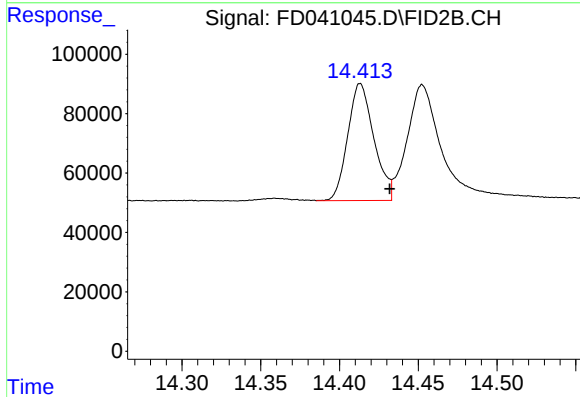
#12 Fluoranthene (C21.85)

R.T.: 12.255 min
Delta R.T.: -0.014 min
Response: 543390
Conc: 20.40 ug/ml



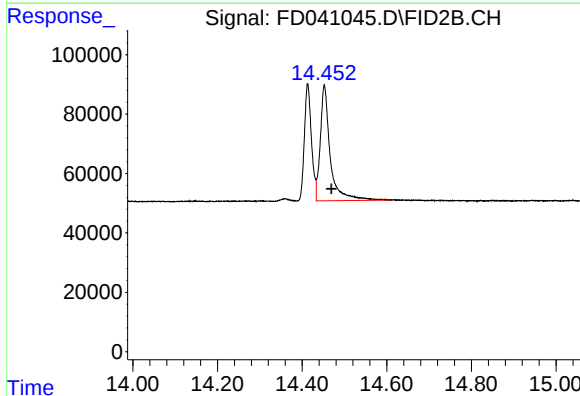
#13 Pyrene (C20.8)

R.T.: 12.547 min
Delta R.T.: -0.013 min
Response: 541348
Conc: 20.01 ug/ml



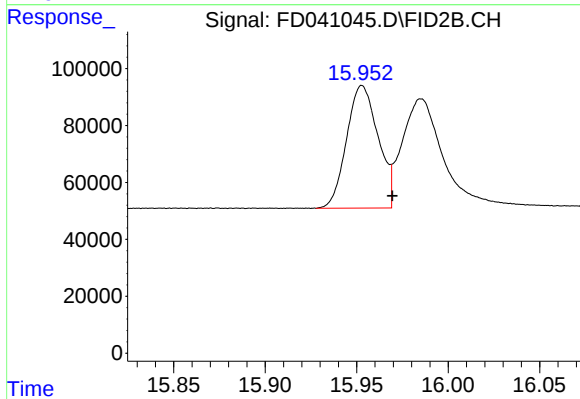
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.413 min
Delta R.T.: -0.018 min
Response: 455093
Conc: 20.43 ug/ml



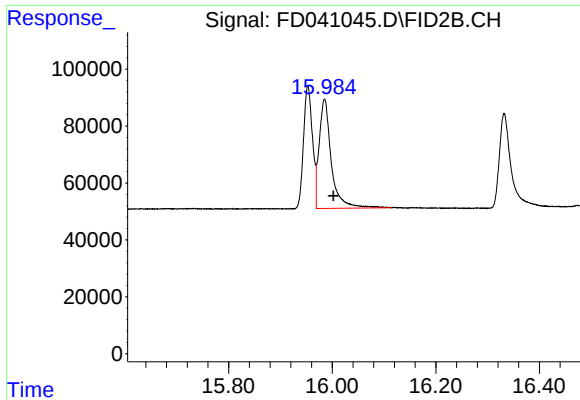
#15 Chrysene (C27.41)

R.T.: 14.453 min
Delta R.T.: -0.016 min
Response: 636757
Conc: 20.23 ug/ml



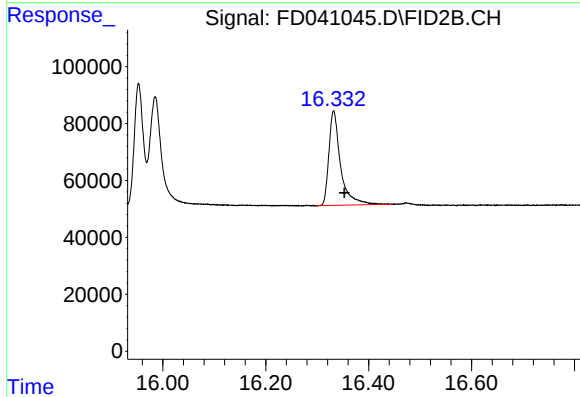
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.952 min
Delta R.T.: -0.017 min
Response: 519131
Conc: 20.87 ug/ml m



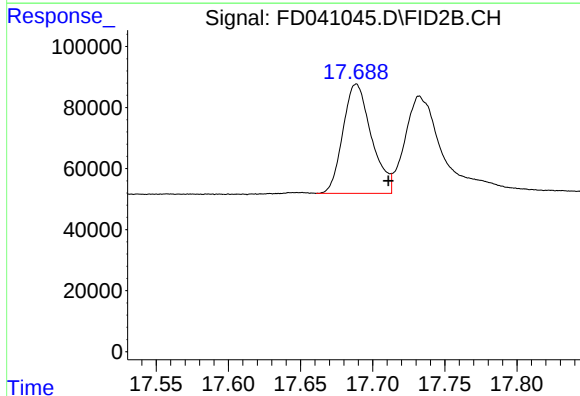
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.985 min
Delta R.T.: -0.017 min
Response: 625955
Conc: 20.51 ug/ml



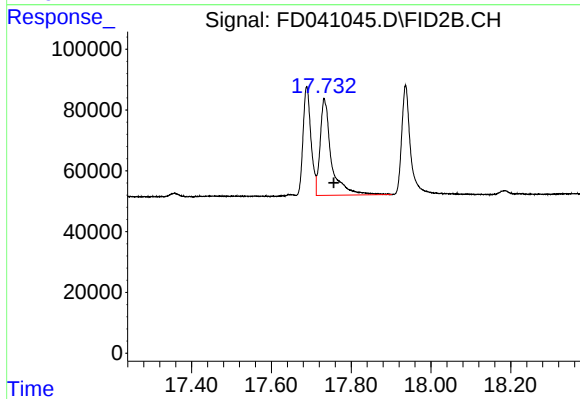
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.332 min
Delta R.T.: -0.021 min
Response: 522543
Conc: 20.50 ug/ml



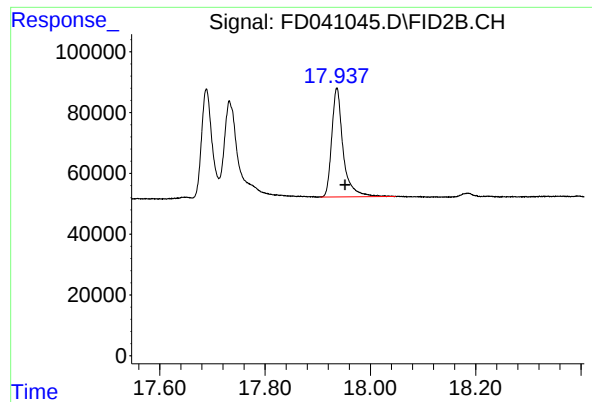
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.688 min
Delta R.T.: -0.023 min
Response: 493295
Conc: 20.90 ug/ml m



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

R.T.: 17.733 min
Delta R.T.: -0.023 min
Response: 628465
Conc: 21.21 ug/ml



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

R.T.: 17.936 min
Delta R.T.: -0.016 min
Response: 538468
Conc: 20.28 ug/ml