

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031519AR\
 Data File : FD028387.D
 Signal(s) : FID2B.CH
 Acq On : 17 Mar 2019 00:24
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Mar 18 05:05:44 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 022819.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 01 04:06:35 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...	7.311	1828340	17.322 ug/ml
Spiked Amount 50.000		Recovery =	34.64%
6) S 2-Fluorobiphenyl (SURR)	8.158	1261523	17.896 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.79%
11) S ortho-Terphenyl (SURR)	11.193	2277358	19.864 ug/ml
Spiked Amount 50.000		Recovery =	39.73%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.124	1974323	18.655 ug/ml
2) T Naphthalene (C11.7)	5.649	2060187	17.552 ug/ml
3) T 2-Methylnaphthalene (...)	6.696	2070202	17.500 ug/ml
5) T Acenaphthylene (C15.06)	7.961	2093052	18.152 ug/ml
7) T Acenaphthene (C15.5)	8.255	2207889	18.174 ug/ml
8) T Fluorene (C16.55)	9.033	2150560	17.873 ug/ml
9) T Phenanthrene (C19.36)	10.418	2246025	20.101 ug/ml
10) T Anthracene (C19.43)	10.494	2176393	19.660 ug/ml
12) T Fluoranthene (C21.85)	12.218	2364584	21.792 ug/ml
13) T Pyrene (C20.8)	12.511	2352298	22.416 ug/ml
14) T Benzo[a]anthracene (C...	14.378	2305164	22.777 ug/ml
15) T Chrysene (C27.41)	14.419	2394075	23.219 ug/ml
16) T benzo[b]fluoranthene ...	15.919	2393076	22.706 ug/ml
17) T Bnezo[k]fluoranthene ...	15.950	2524061	23.439 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.294	2399543	22.420 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.652	2012820	19.669 ug/ml
20) T Dibenz[a,h]anthracene...	17.694	2450082	24.316 ug/mlm
21) T Benzo[g,h,i]perylene ...	17.903	2177886	20.155 ug/ml

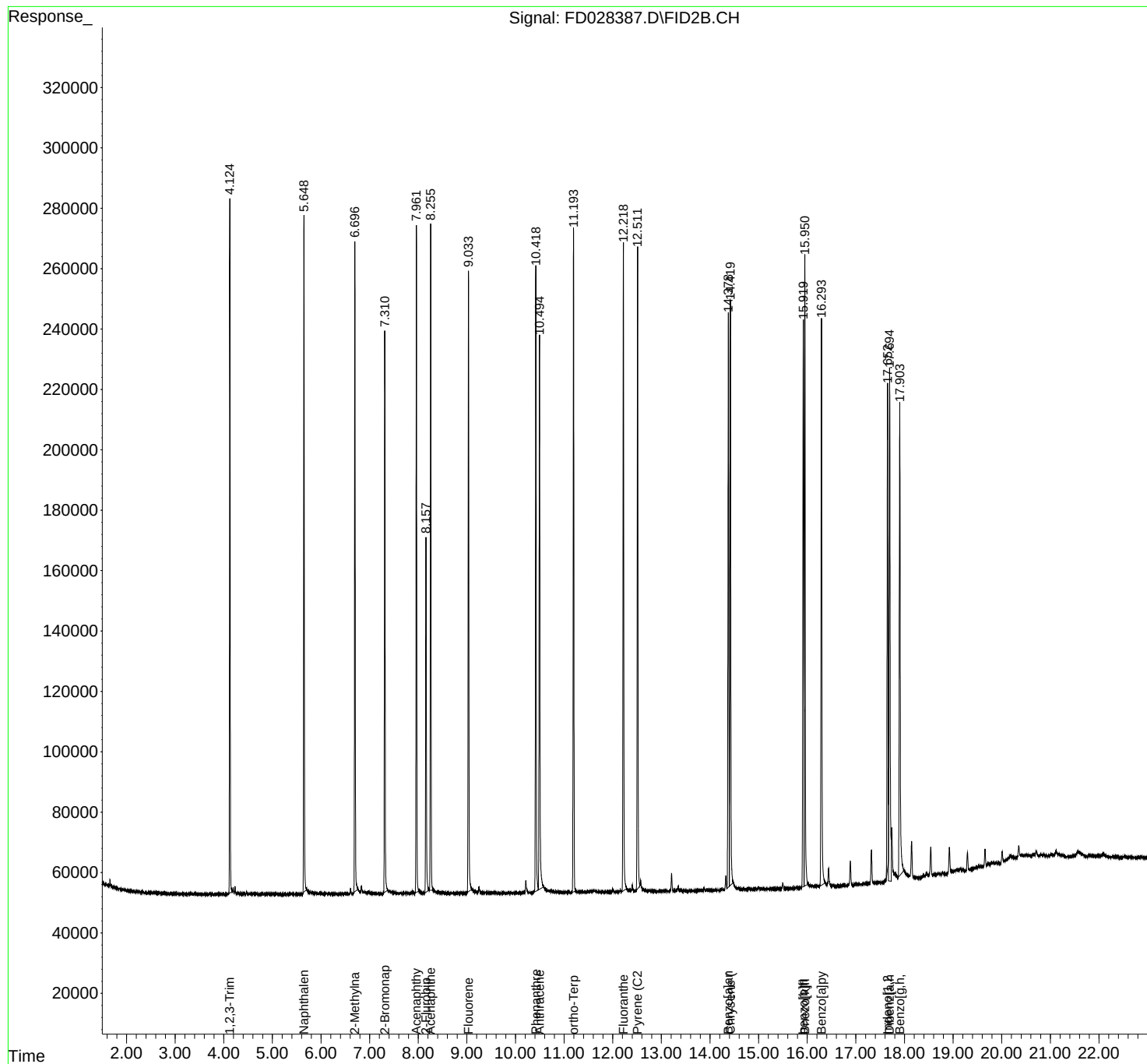
(f)=RT Delta > 1/2 Window

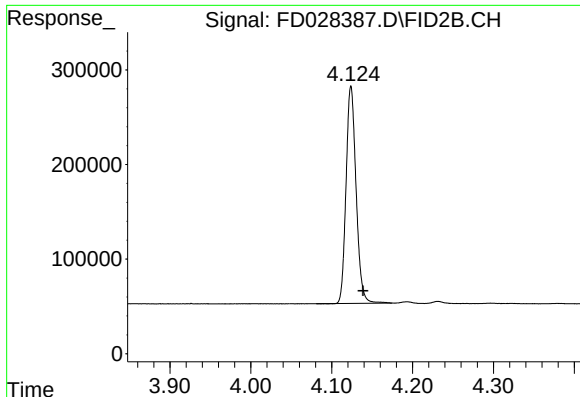
(m)=manual int.

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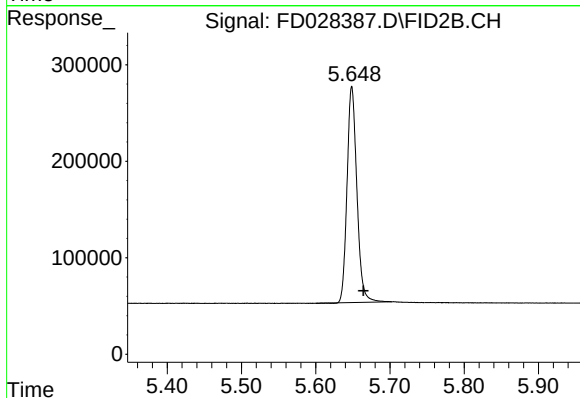
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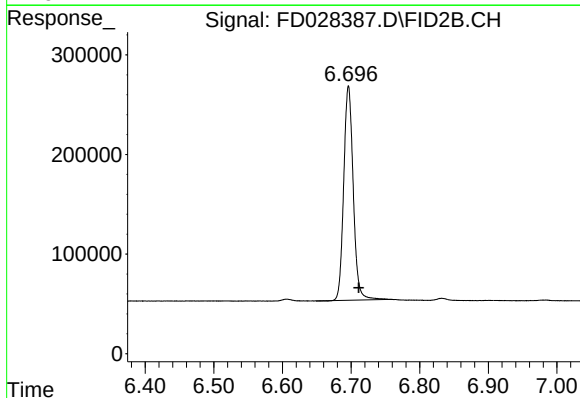
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.124 min
Delta R.T.: -0.015 min
Response: 1974323
Conc: 18.65 ug/ml



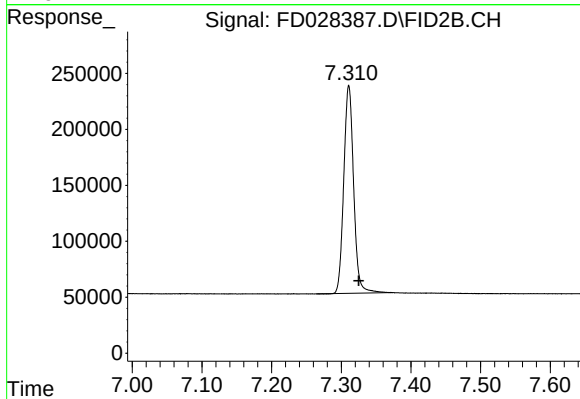
#2 Naphthalene (C11.7)

R.T.: 5.649 min
Delta R.T.: -0.015 min
Response: 2060187
Conc: 17.55 ug/ml



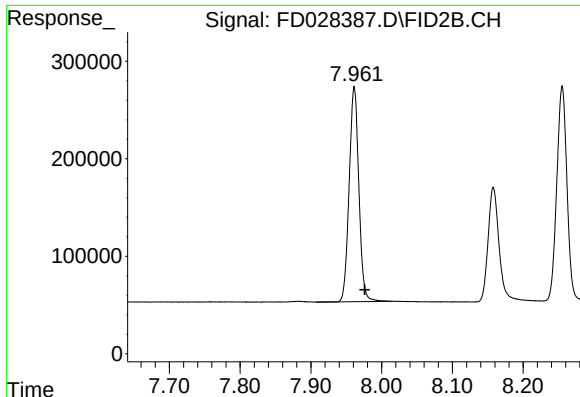
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.696 min
Delta R.T.: -0.015 min
Response: 2070202
Conc: 17.50 ug/ml



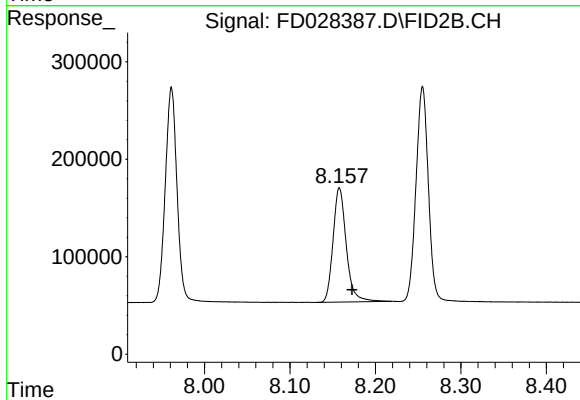
#4 2-Bromonaphthalene (SURR)

R.T.: 7.311 min
Delta R.T.: -0.014 min
Response: 1828340
Conc: 17.32 ug/ml



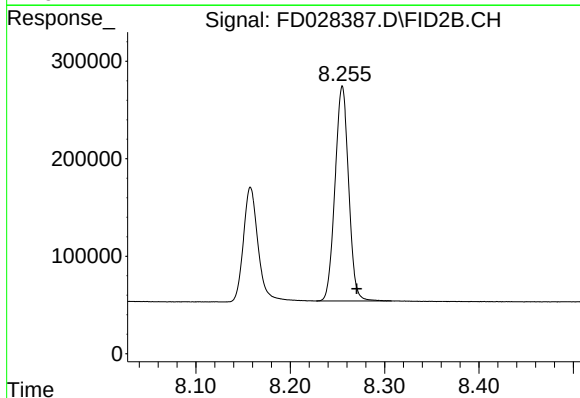
#5 Acenaphthylene (C15.06)

R.T.: 7.961 min
Delta R.T.: -0.015 min
Response: 2093052
Conc: 18.15 ug/ml



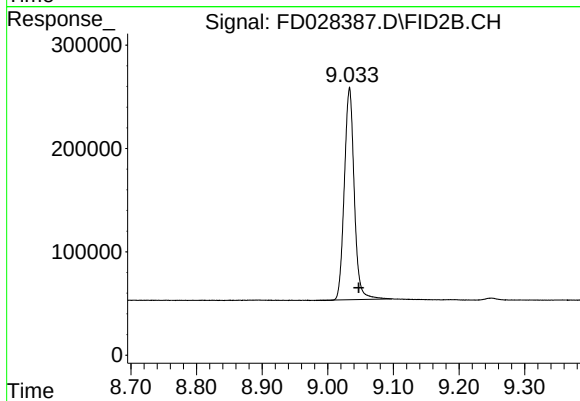
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.158 min
Delta R.T.: -0.015 min
Response: 1261523
Conc: 17.90 ug/ml



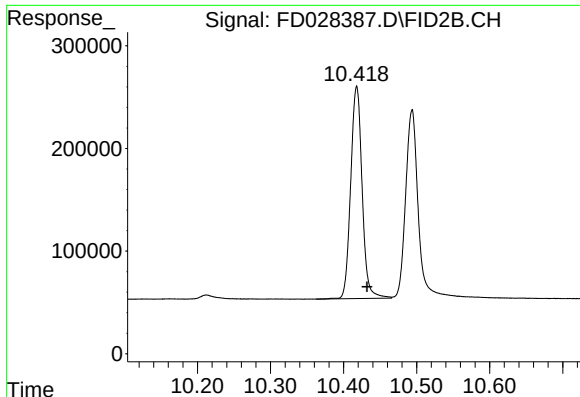
#7 Acenaphthene (C15.5)

R.T.: 8.255 min
Delta R.T.: -0.015 min
Response: 2207889
Conc: 18.17 ug/ml



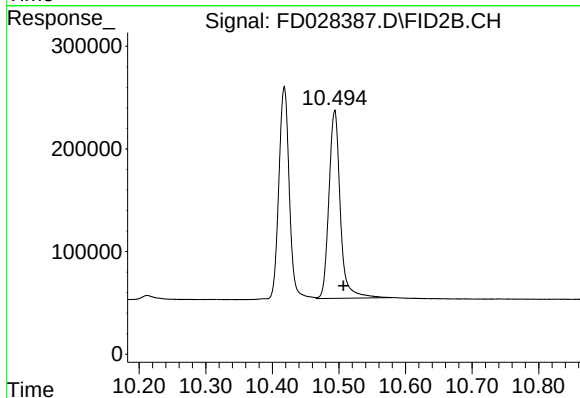
#8 Fluorene (C16.55)

R.T.: 9.033 min
Delta R.T.: -0.014 min
Response: 2150560
Conc: 17.87 ug/ml



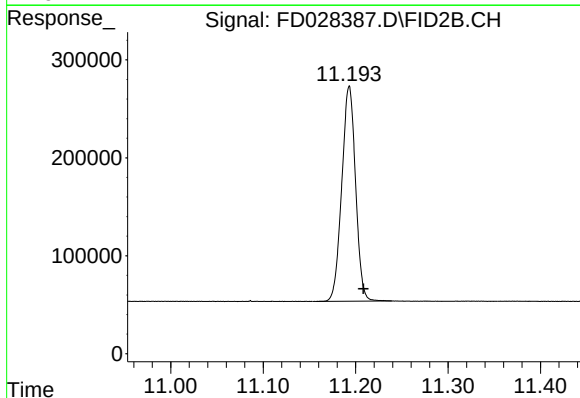
#9 Phenanthrene (C19.36)

R.T.: 10.418 min
Delta R.T.: -0.014 min
Response: 2246025
Conc: 20.10 ug/ml



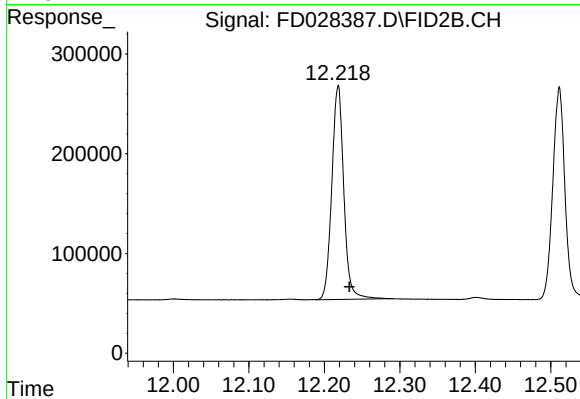
#10 Anthracene (C19.43)

R.T.: 10.494 min
Delta R.T.: -0.013 min
Response: 2176393
Conc: 19.66 ug/ml



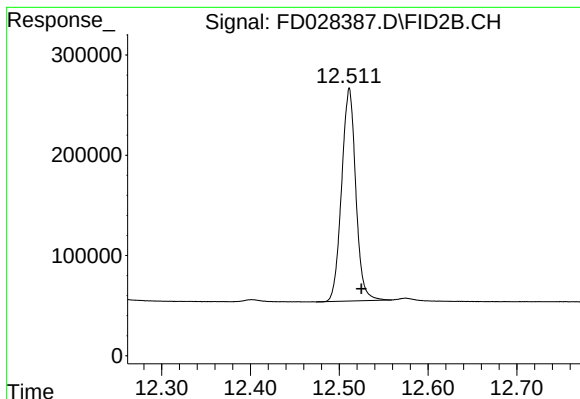
#11 ortho-Terphenyl (SURR)

R.T.: 11.193 min
Delta R.T.: -0.015 min
Response: 2277358
Conc: 19.86 ug/ml



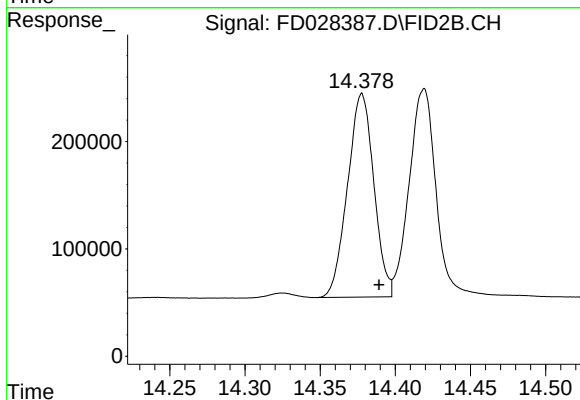
#12 Fluoranthene (C21.85)

R.T.: 12.218 min
Delta R.T.: -0.015 min
Response: 2364584
Conc: 21.79 ug/ml



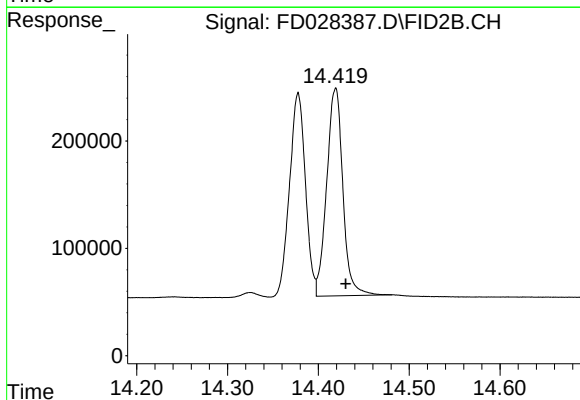
#13 Pyrene (C20.8)

R.T.: 12.511 min
Delta R.T.: -0.014 min
Response: 2352298
Conc: 22.42 ug/ml



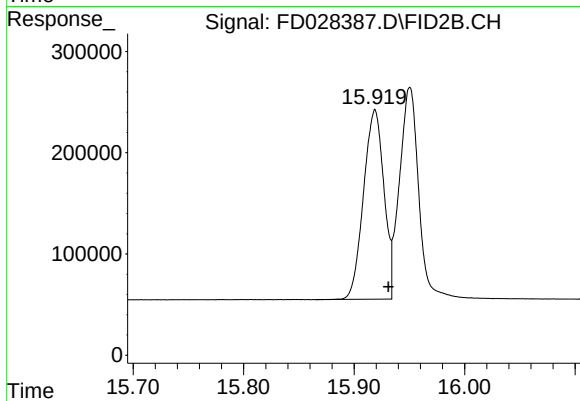
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.378 min
Delta R.T.: -0.011 min
Response: 2305164
Conc: 22.78 ug/ml



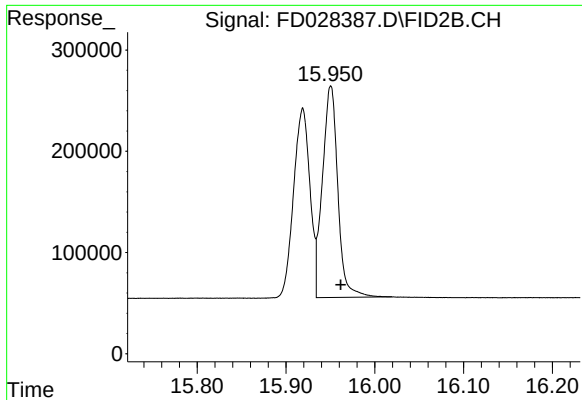
#15 Chrysene (C27.41)

R.T.: 14.419 min
Delta R.T.: -0.011 min
Response: 2394075
Conc: 23.22 ug/ml



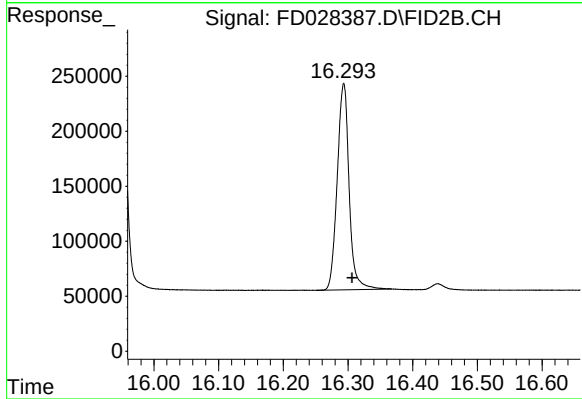
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.919 min
Delta R.T.: -0.012 min
Response: 2393076
Conc: 22.71 ug/ml



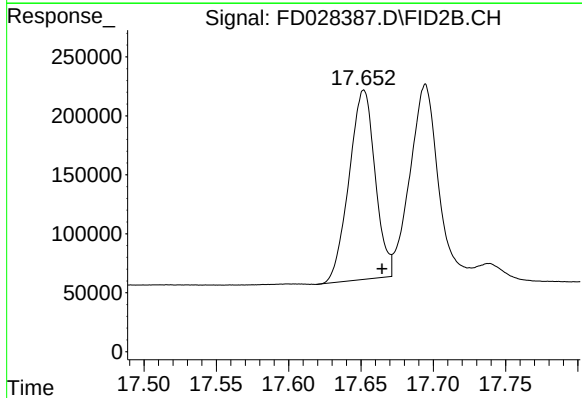
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.950 min
Delta R.T.: -0.011 min
Response: 2524061
Conc: 23.44 ug/ml



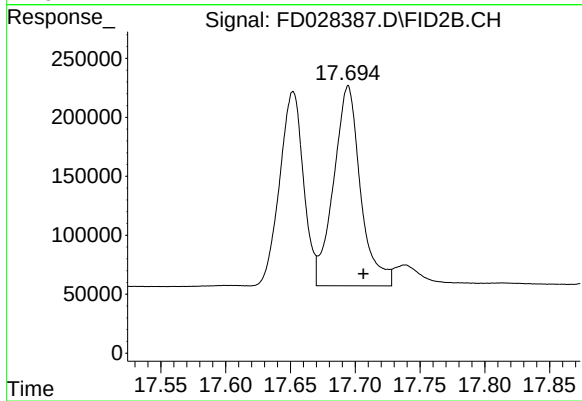
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.294 min
Delta R.T.: -0.013 min
Response: 2399543
Conc: 22.42 ug/ml



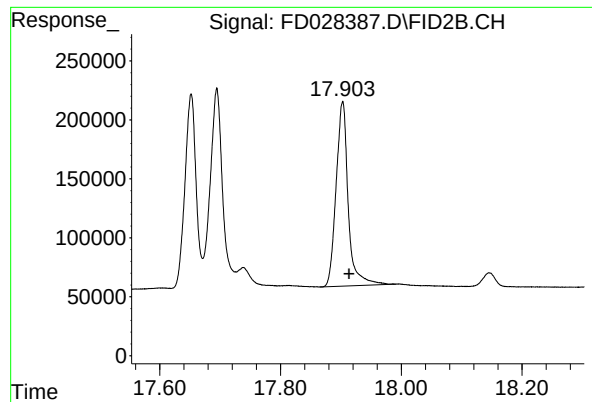
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.652 min
Delta R.T.: -0.013 min
Response: 2012820
Conc: 19.67 ug/ml



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

R.T.: 17.694 min
Delta R.T.: -0.012 min
Response: 2450082
Conc: 24.32 ug/ml m



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

R.T.: 17.903 min
Delta R.T.: -0.011 min
Response: 2177886
Conc: 20.16 ug/ml