

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071119AR\
 Data File : FD029732.D
 Signal(s) : FID2B.CH
 Acq On : 11 Jul 2019 10:19
 Operator : DD\AJ
 Sample : K3591-01
 Misc : AR LOD 2.5 PPM
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 12 05:27:23 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071019.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 10 13:31:52 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...	7.696	6173356	39.012 ug/ml
Spiked Amount 50.000		Recovery =	78.02%
6) S 2-Fluorobiphenyl (SURR)	8.559	4179851	38.912 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	77.82%
11) S ortho-Terphenyl (SURR)	11.597	7438666	43.831 ug/ml
Spiked Amount 50.000		Recovery =	87.66%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.495	415351	2.457 ug/ml
2) T Naphthalene (C11.7)	6.035	450513	2.517 ug/ml
3) T 2-Methylnaphthalene (...)	7.084	436015	2.472 ug/ml
5) T Acenaphthylene (C15.06)	8.359	426170	2.517 ug/ml
7) T Acenaphthene (C15.5)	8.654	437316	2.482 ug/ml
8) T Fluorene (C16.55)	9.433	436196	2.496 ug/ml
9) T Phenanthrene (C19.36)	10.827	425746	2.455 ug/ml
10) T Anthracene (C19.43)	10.900	407553	2.410 ug/ml
12) T Fluoranthene (C21.85)	12.634	426915	2.493 ug/ml
13) T Pyrene (C20.8)	12.931	427110	2.511 ug/ml
14) T Benzo[a]anthracene (C...	14.795	384237	2.465 ug/ml
15) T Chrysene (C27.41)	14.837	393448	2.524 ug/ml
16) T benzo[b]fluoranthene ...	16.340	360541	2.469 ug/ml
17) T Bnezo[k]fluoranthene ...	16.370	357128	2.469 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.717	341081	2.432 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.074	298438	2.342 ug/ml
20) T Dibenz[a,h]anthracene...	18.114	332214	2.656 ug/ml
21) T Benzo[g,h,i]perylene ...	18.326	301738	2.419 ug/ml

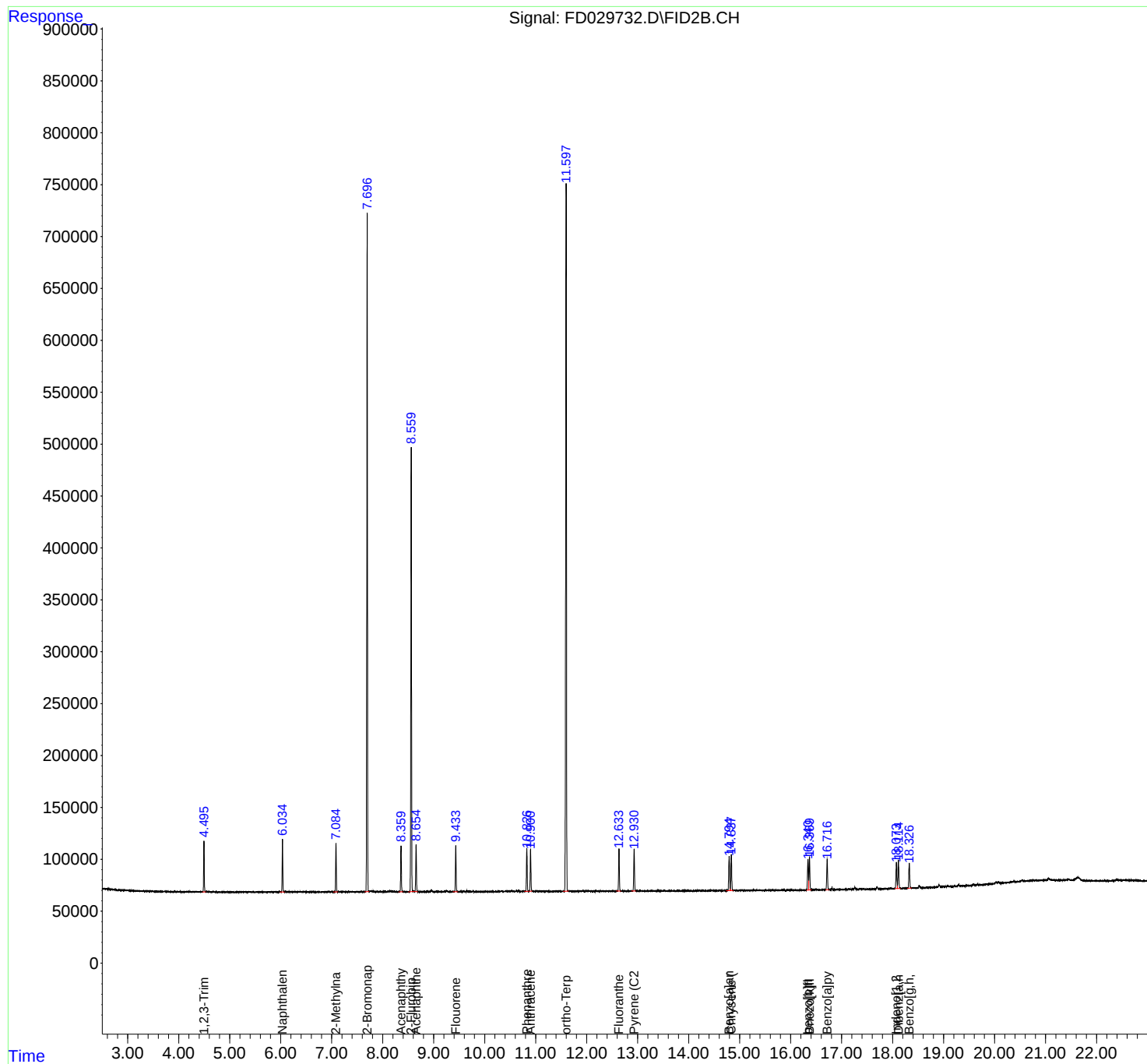
(f)=RT Delta > 1/2 Window

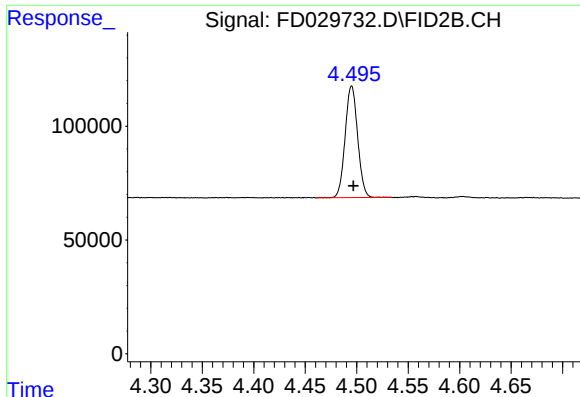
(m)=manual int.

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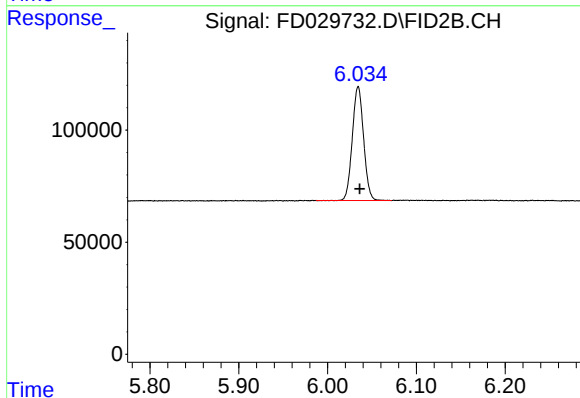
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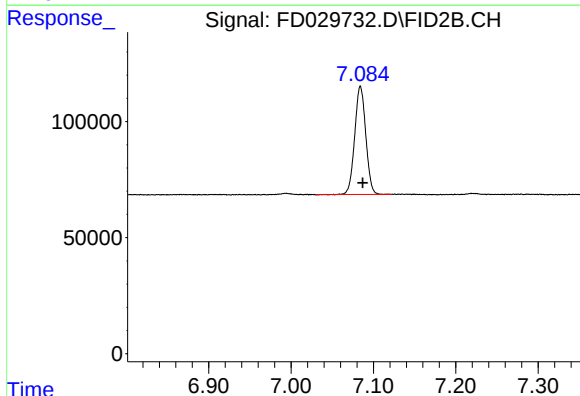
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.495 min
Delta R.T.: -0.002 min
Response: 415351
Conc: 2.46 ug/ml



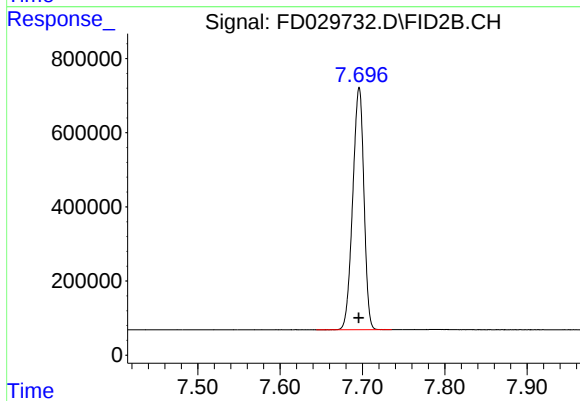
#2 Naphthalene (C11.7)

R.T.: 6.035 min
Delta R.T.: -0.002 min
Response: 450513
Conc: 2.52 ug/ml



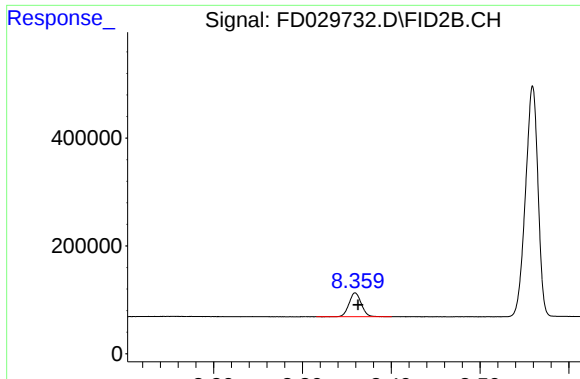
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.084 min
Delta R.T.: -0.003 min
Response: 436015
Conc: 2.47 ug/ml



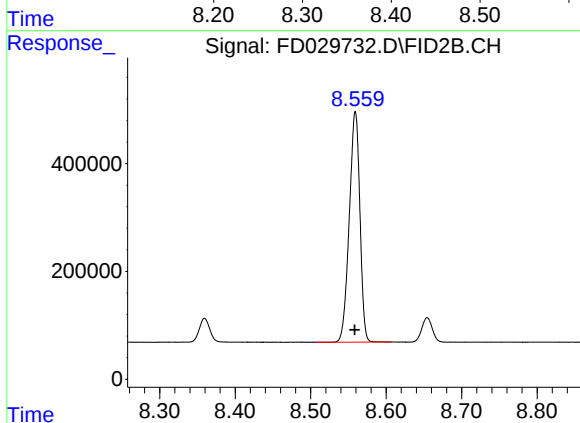
#4 2-Bromonaphthalene (SURR)

R.T.: 7.696 min
Delta R.T.: 0.000 min
Response: 6173356
Conc: 39.01 ug/ml



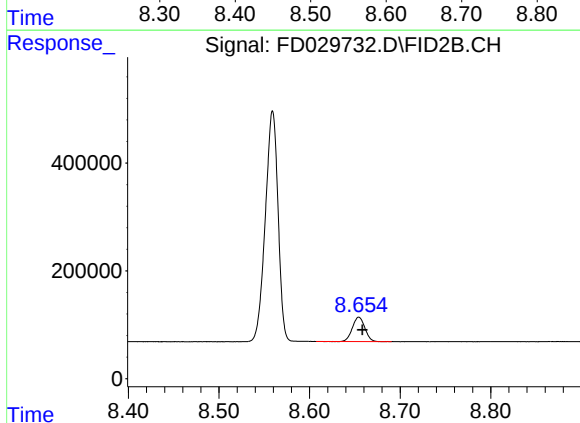
#5 Acenaphthylene (C15.06)

R.T.: 8.359 min
Delta R.T.: -0.003 min
Response: 426170
Conc: 2.52 ug/ml



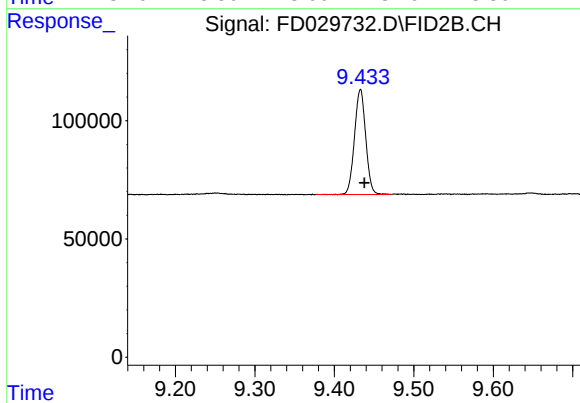
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.559 min
Delta R.T.: 0.000 min
Response: 4179851
Conc: 38.91 ug/ml



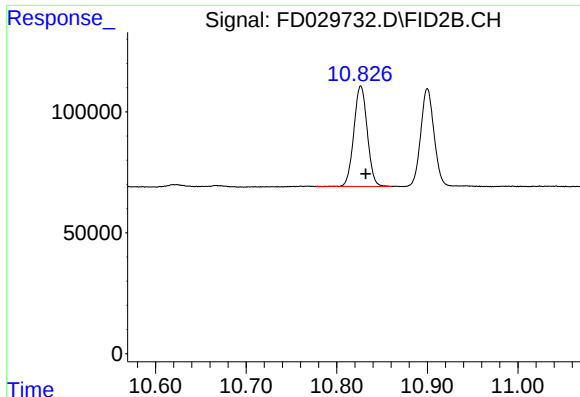
#7 Acenaphthene (C15.5)

R.T.: 8.654 min
Delta R.T.: -0.004 min
Response: 437316
Conc: 2.48 ug/ml



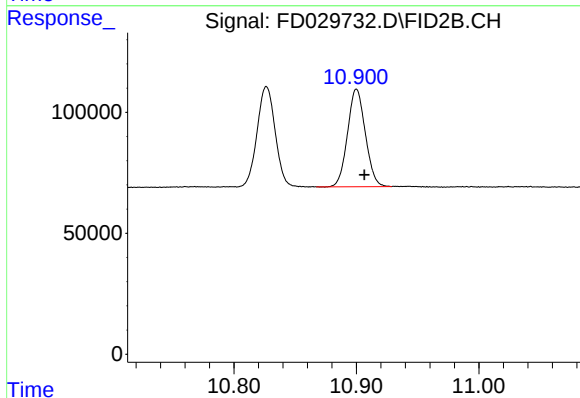
#8 Flouorene (C16.55)

R.T.: 9.433 min
Delta R.T.: -0.005 min
Response: 436196
Conc: 2.50 ug/ml



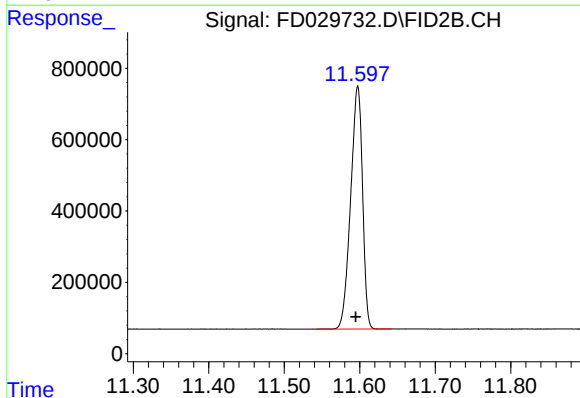
#9 Phenanthrene (C19.36)

R.T.: 10.827 min
Delta R.T.: -0.006 min
Response: 425746
Conc: 2.46 ug/ml



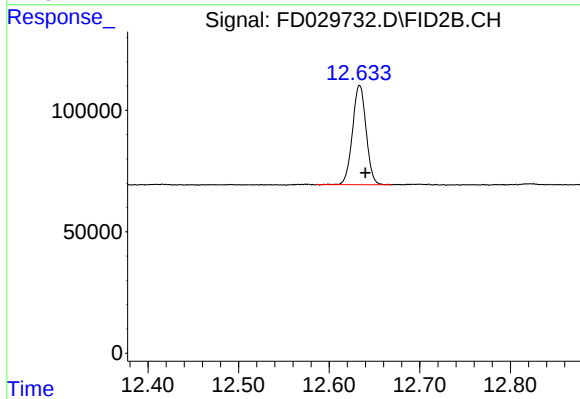
#10 Anthracene (C19.43)

R.T.: 10.900 min
Delta R.T.: -0.006 min
Response: 407553
Conc: 2.41 ug/ml



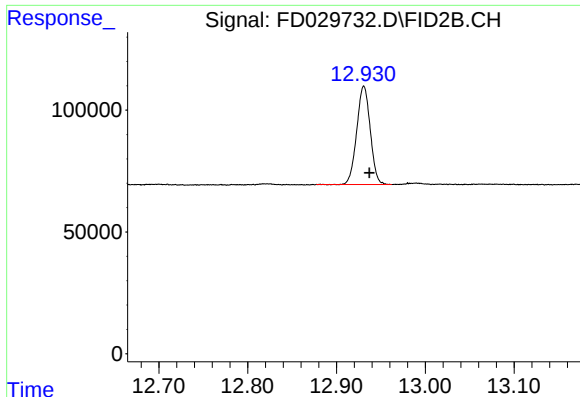
#11 ortho-Terphenyl (SURR)

R.T.: 11.597 min
Delta R.T.: 0.003 min
Response: 7438666
Conc: 43.83 ug/ml



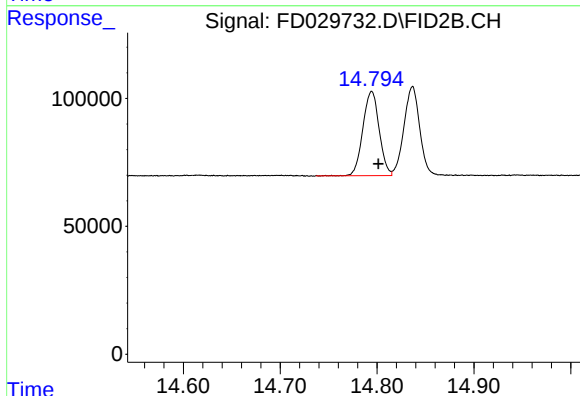
#12 Fluoranthene (C21.85)

R.T.: 12.634 min
Delta R.T.: -0.007 min
Response: 426915
Conc: 2.49 ug/ml



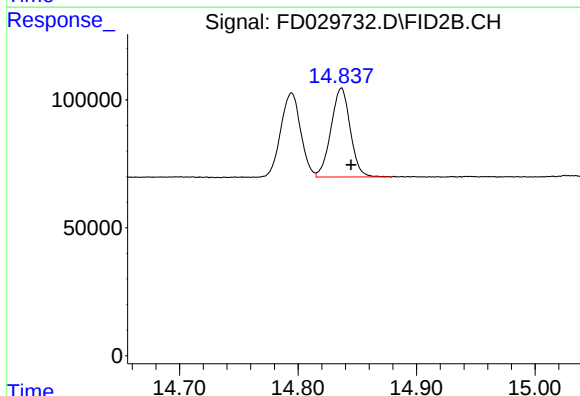
#13 Pyrene (C20.8)

R.T.: 12.931 min
Delta R.T.: -0.006 min
Response: 427110
Conc: 2.51 ug/ml



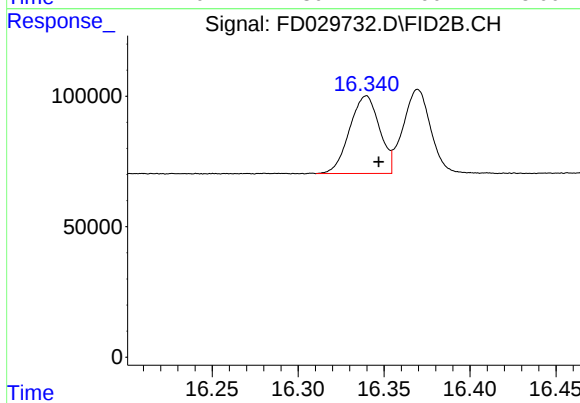
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.795 min
Delta R.T.: -0.007 min
Response: 384237
Conc: 2.46 ug/ml



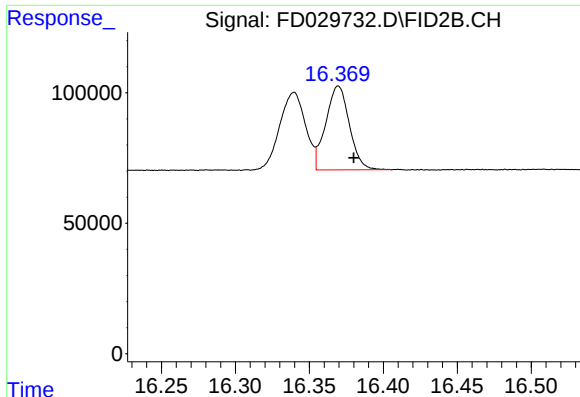
#15 Chrysene (C27.41)

R.T.: 14.837 min
Delta R.T.: -0.008 min
Response: 393448
Conc: 2.52 ug/ml



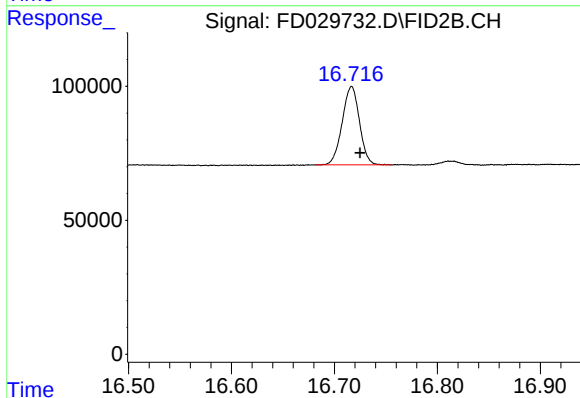
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.340 min
Delta R.T.: -0.007 min
Response: 360541
Conc: 2.47 ug/ml



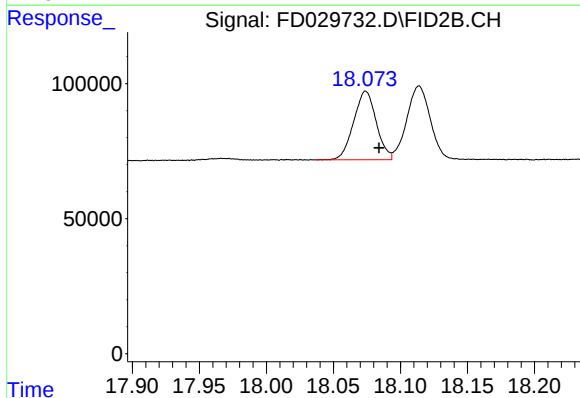
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.370 min
Delta R.T.: -0.010 min
Response: 357128
Conc: 2.47 ug/ml



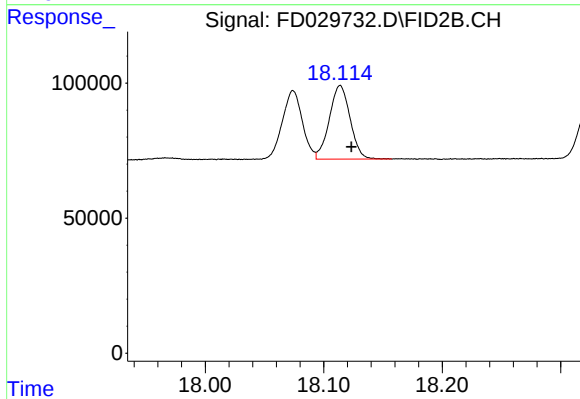
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.717 min
Delta R.T.: -0.008 min
Response: 341081
Conc: 2.43 ug/ml



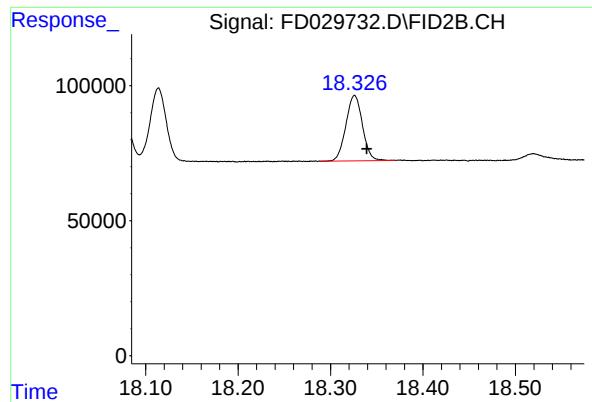
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.074 min
Delta R.T.: -0.010 min
Response: 298438
Conc: 2.34 ug/ml



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

R.T.: 18.114 min
Delta R.T.: -0.009 min
Response: 332214
Conc: 2.66 ug/ml



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

R.T.: 18.326 min
Delta R.T.: -0.013 min
Response: 301738
Conc: 2.42 ug/ml