

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071119AR\
 Data File : FD029736.D
 Signal(s) : FID2B.CH
 Acq On : 11 Jul 2019 13:04
 Operator : DD\AJ
 Sample : K3591-07
 Misc : AR LOD 2.5 PPM
 ALS Vial : 57 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 12 05:28:39 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	6073158	38.379 ug/ml
Spiked Amount 50.000		Recovery =	76.76%
6) S 2-Fluorobiphenyl (SURR)	8.559	4108713	38.250 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	76.50%
11) S ortho-Terphenyl (SURR)	11.597	7324281	43.157 ug/ml
Spiked Amount 50.000		Recovery =	86.31%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.496	405680	2.399 ug/ml
2) T Naphthalene (C11.7)	6.035	441843	2.469 ug/ml
3) T 2-Methylnaphthalene (...)	7.085	429297	2.433 ug/ml
5) T Acenaphthylene (C15.06)	8.360	418571	2.473 ug/ml
7) T Acenaphthene (C15.5)	8.654	426854	2.422 ug/ml
8) T Flouorene (C16.55)	9.433	424832	2.431 ug/ml
9) T Phenanthrene (C19.36)	10.827	419595	2.420 ug/ml
10) T Anthracene (C19.43)	10.900	400208	2.367 ug/ml
12) T Fluoranthene (C21.85)	12.633	428023	2.499 ug/ml
13) T Pyrene (C20.8)	12.931	422217	2.482 ug/ml
14) T Benzo[a]anthracene (C...	14.794	383687	2.461 ug/ml
15) T Chrysene (C27.41)	14.835	393434	2.524 ug/ml
16) T benzo[b]fluoranthene ...	16.338	368088	2.521 ug/ml
17) T Bnezo[k]fluoranthene ...	16.370	365250	2.525 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.716	350511	2.500 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.074	309158	2.427 ug/ml
20) T Dibenz[a,h]anthracene...	18.115	345088	2.759 ug/ml
21) T Benzo[g,h,i]perylene ...	18.326	305970	2.453 ug/ml

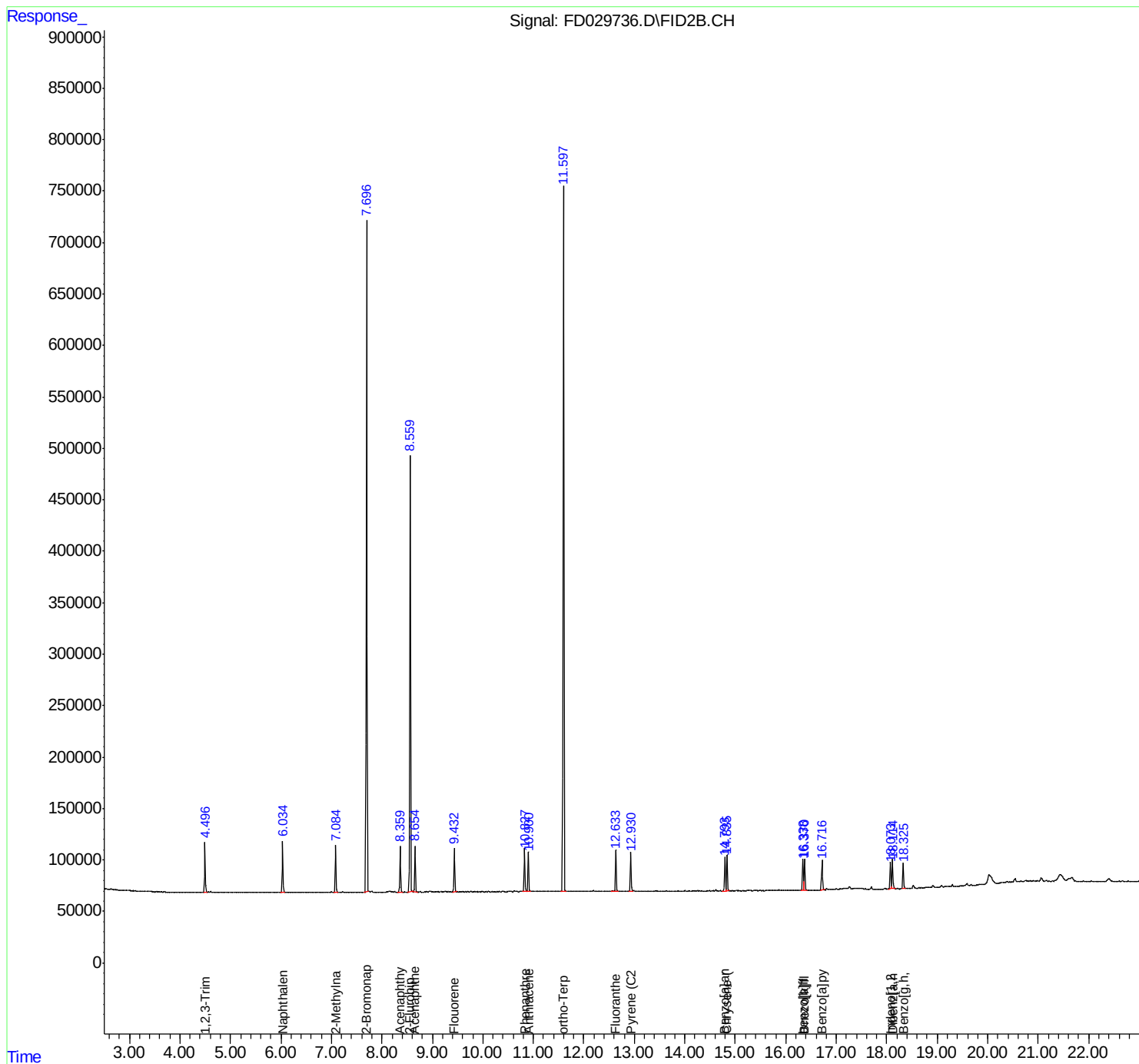
(f)=RT Delta > 1/2 Window

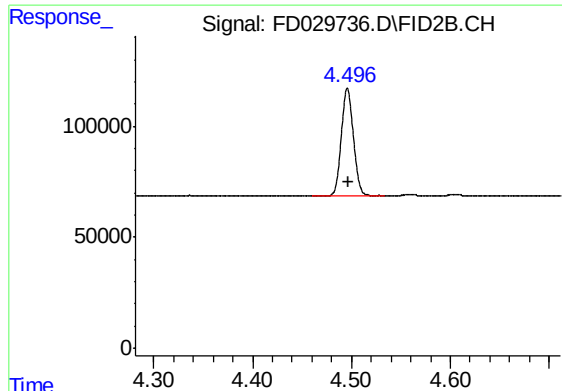
(m)=manual int.

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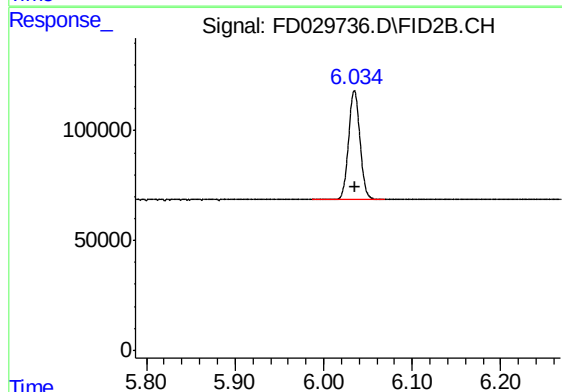
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Signal Info : 20M x 0.18mm x 0.18µm





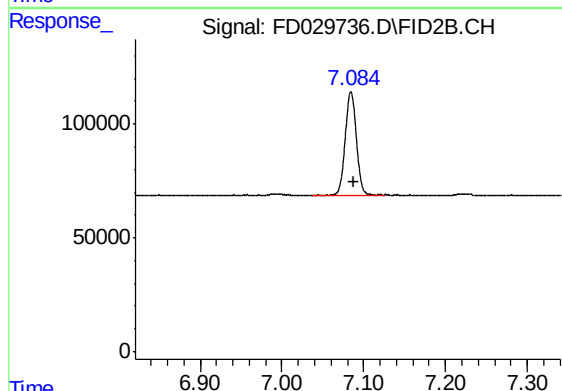
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.496 min
Delta R.T.: 0.000 min
Response: 405680
Conc: 2.40 ug/ml



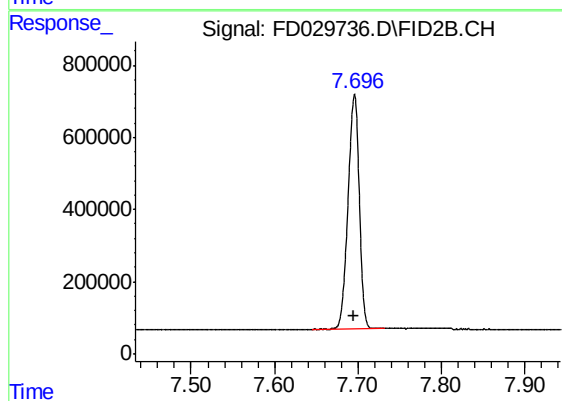
#2 Naphthalene (C11.7)

R.T.: 6.035 min
Delta R.T.: -0.001 min
Response: 441843
Conc: 2.47 ug/ml



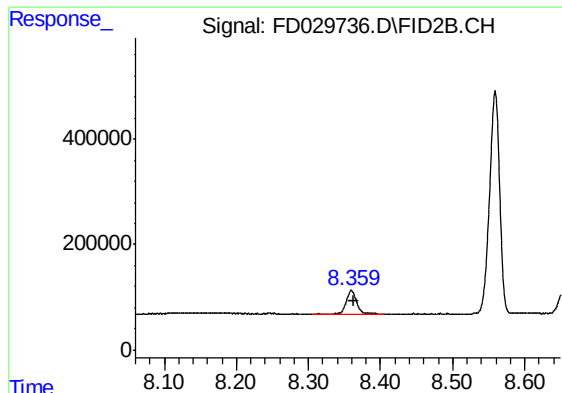
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.085 min
Delta R.T.: -0.002 min
Response: 429297
Conc: 2.43 ug/ml



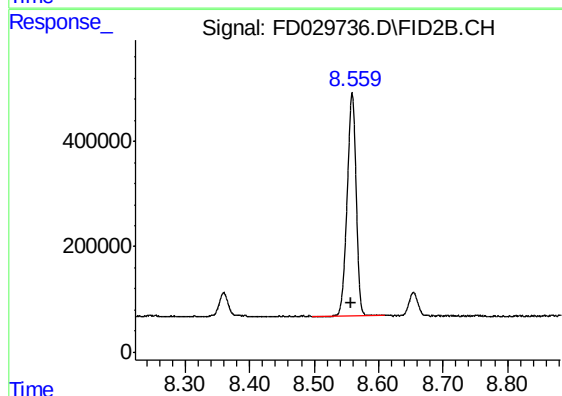
#4 2-Bromonaphthalene (SURR)

R.T.: 7.696 min
Delta R.T.: 0.000 min
Response: 6073158
Conc: 38.38 ug/ml



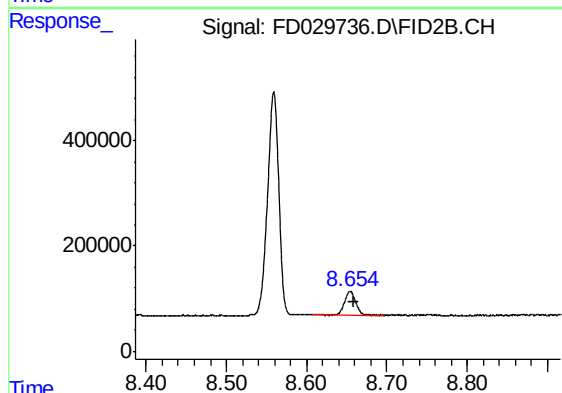
#5 Acenaphthylene (C15.06)

R.T.: 8.360 min
Delta R.T.: -0.003 min
Response: 418571
Conc: 2.47 ug/ml



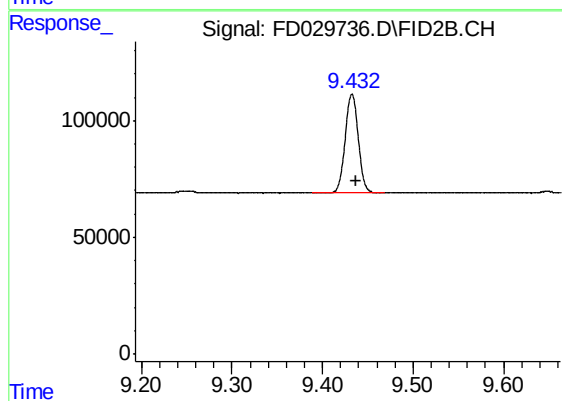
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.559 min
Delta R.T.: 0.000 min
Response: 4108713
Conc: 38.25 ug/ml



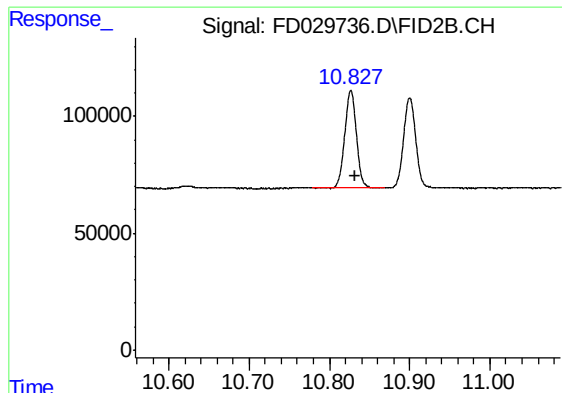
#7 Acenaphthene (C15.5)

R.T.: 8.654 min
Delta R.T.: -0.004 min
Response: 426854
Conc: 2.42 ug/ml



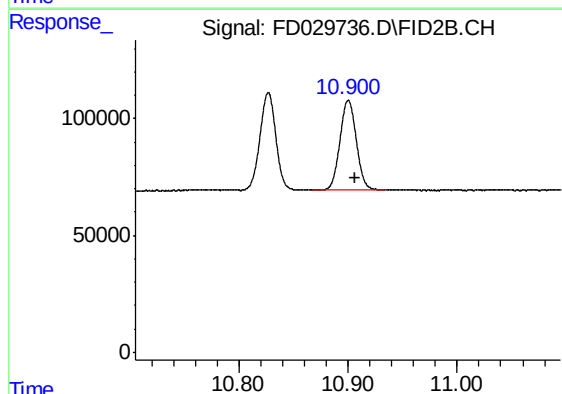
#8 Fluorene (C16.55)

R.T.: 9.433 min
Delta R.T.: -0.005 min
Response: 424832
Conc: 2.43 ug/ml



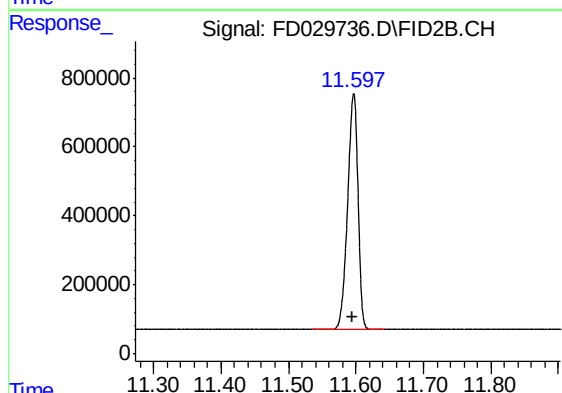
#9 Phenanthrene (C19.36)

R.T.: 10.827 min
Delta R.T.: -0.005 min
Response: 419595
Conc: 2.42 ug/ml



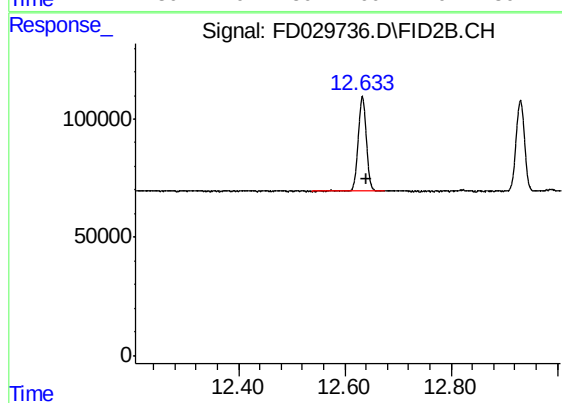
#10 Anthracene (C19.43)

R.T.: 10.900 min
Delta R.T.: -0.006 min
Response: 400208
Conc: 2.37 ug/ml



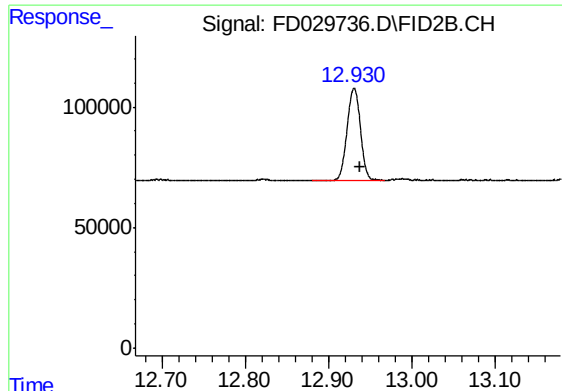
#11 ortho-Terphenyl (SURR)

R.T.: 11.597 min
Delta R.T.: 0.002 min
Response: 7324281
Conc: 43.16 ug/ml



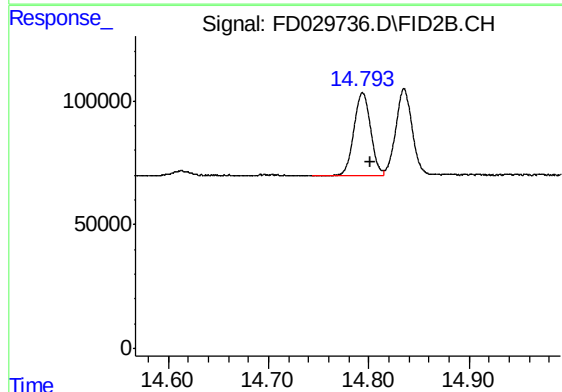
#12 Fluoranthene (C21.85)

R.T.: 12.633 min
Delta R.T.: -0.007 min
Response: 428023
Conc: 2.50 ug/ml



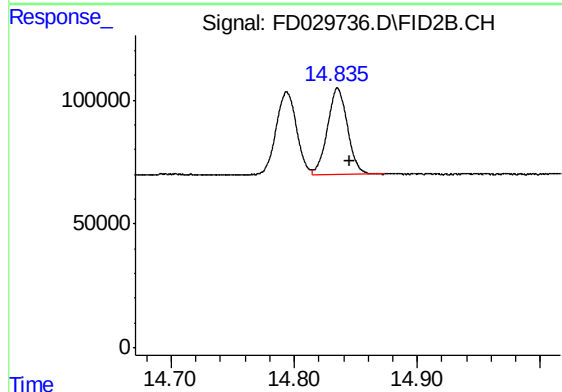
#13 Pyrene (C20.8)

R.T.: 12.931 min
Delta R.T.: -0.007 min
Response: 422217
Conc: 2.48 ug/ml



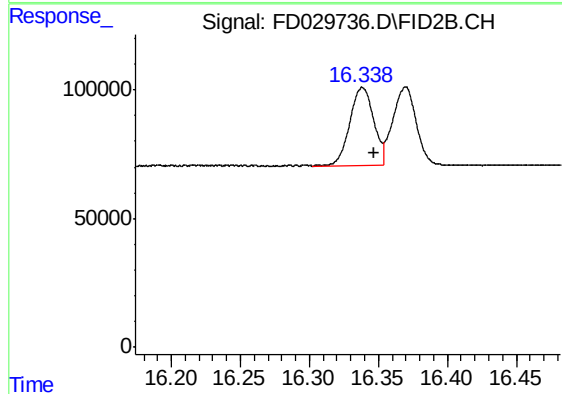
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.794 min
Delta R.T.: -0.008 min
Response: 383687
Conc: 2.46 ug/ml



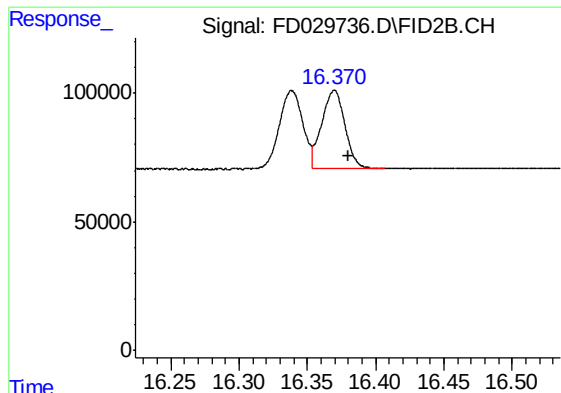
#15 Chrysene (C27.41)

R.T.: 14.835 min
Delta R.T.: -0.009 min
Response: 393434
Conc: 2.52 ug/ml



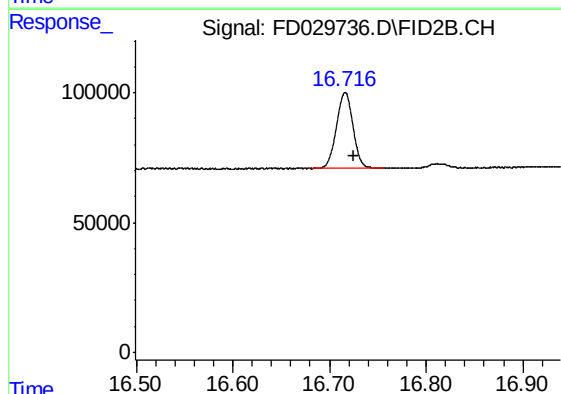
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.338 min
Delta R.T.: -0.009 min
Response: 368088
Conc: 2.52 ug/ml



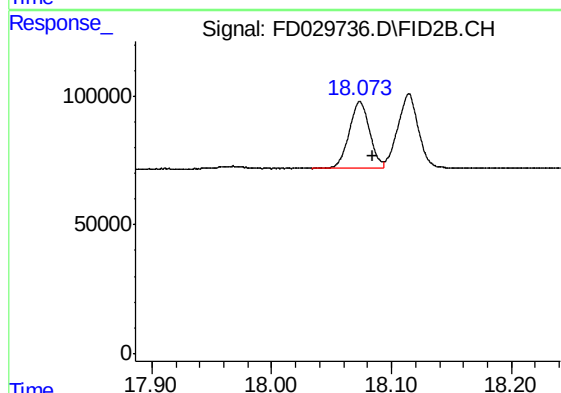
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.370 min
Delta R.T.: -0.010 min
Response: 365250
Conc: 2.53 ug/ml



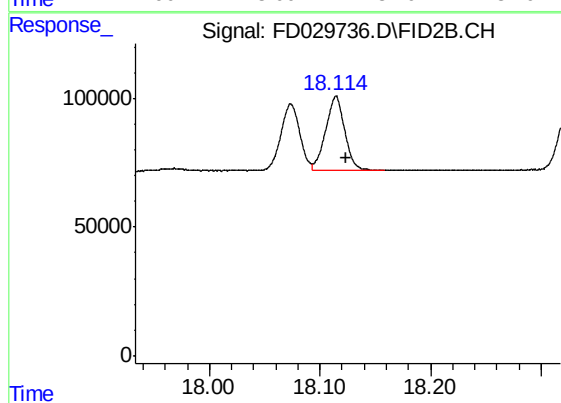
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.716 min
Delta R.T.: -0.008 min
Response: 350511
Conc: 2.50 ug/ml



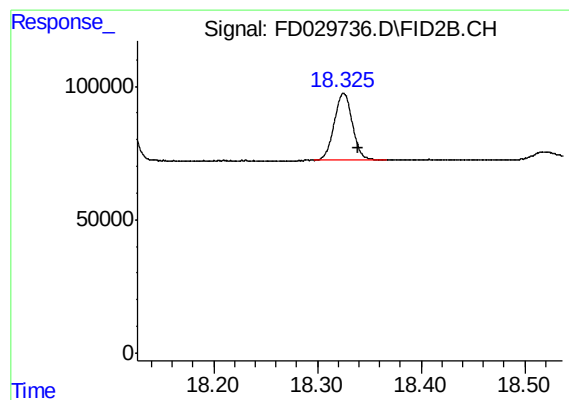
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.074 min
Delta R.T.: -0.010 min
Response: 309158
Conc: 2.43 ug/ml



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

R.T.: 18.115 min
Delta R.T.: -0.009 min
Response: 345088
Conc: 2.76 ug/ml



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

R.T.: 18.326 min
Delta R.T.: -0.014 min
Response: 305970
Conc: 2.45 ug/ml