

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120921AR\
 Data File : FD039769.D
 Signal(s) : FID2B.CH
 Acq On : 10 Dec 2021 1:48
 Operator : AJ\MA
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 10 03:13:00 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 120921.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 10 03:12:07 2021
 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...	7.580	7000476	48.509 ug/ml
Spiked Amount 50.000		Recovery =	97.02%
6) S 2-Fluorobiphenyl (SURR)	8.441	4755713	49.342 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	98.68%
11) S ortho-Terphenyl (SURR)	11.481	7625230	47.427 ug/ml
Spiked Amount 50.000		Recovery =	94.85%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.380	7519364	49.614 ug/ml
2) T Naphthalene (C11.7)	5.918	7858268	49.561 ug/ml
3) T 2-Methylnaphthalene (...)	6.970	8001003	49.493 ug/ml
5) T Acenaphthylene (C15.06)	8.245	7448098	48.139 ug/ml
7) T Acenaphthene (C15.5)	8.540	7890739	47.889 ug/ml
8) T Fluorene (C16.55)	9.321	7730692	48.772 ug/ml
9) T Phenanthrene (C19.36)	10.717	7659274	48.039 ug/ml
10) T Anthracene (C19.43)	10.793	7250594	48.274 ug/ml
12) T Fluoranthene (C21.85)	12.529	7567041	47.599 ug/ml
13) T Pyrene (C20.8)	12.825	7373525	47.822 ug/ml
14) T Benzo[a]anthracene (C...	14.695	6516795	49.657 ug/ml
15) T Chrysene (C27.41)	14.739	6911134	49.512 ug/ml
16) T benzo[b]fluoranthene ...	16.246	6323988	49.913 ug/ml
17) T Bnezo[k]fluoranthene ...	16.280	6341671	48.502 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.624	6008488	50.735 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.990	5419769	51.640 ug/ml
20) T Dibenz[a,h]anthracene...	18.025	5425880	50.797 ug/ml
21) T Benzo[g,h,i]perylene ...	18.245	5477839	49.416 ug/ml

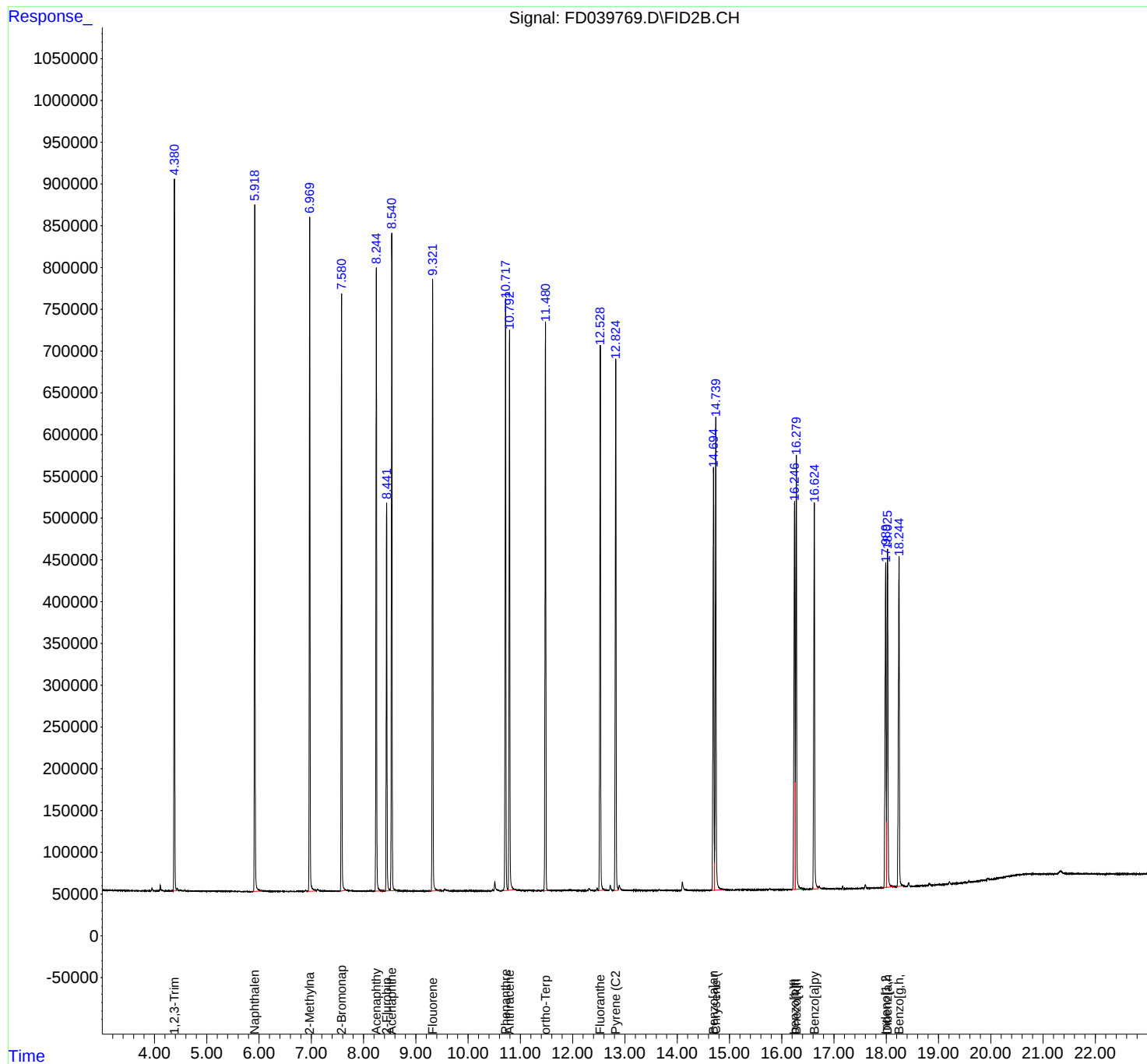
(f)=RT Delta > 1/2 Window

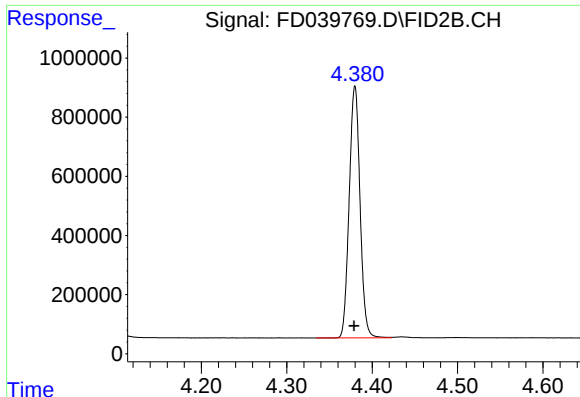
(m)=manual int.

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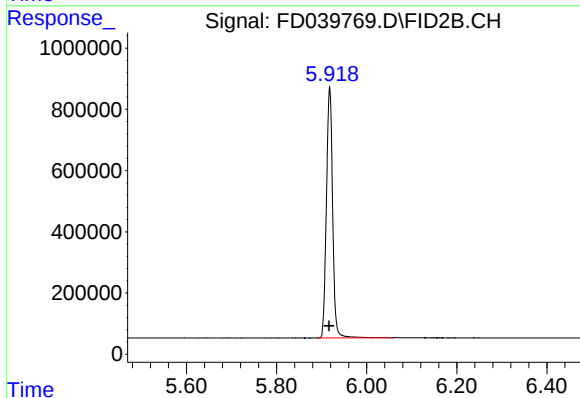
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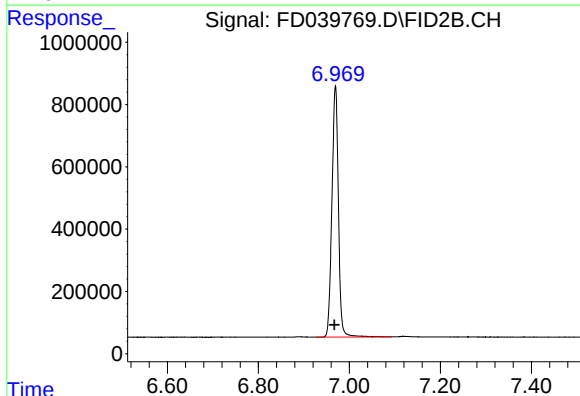
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.380 min
Delta R.T.: 0.001 min
Response: 7519364
Conc: 49.61 ug/ml



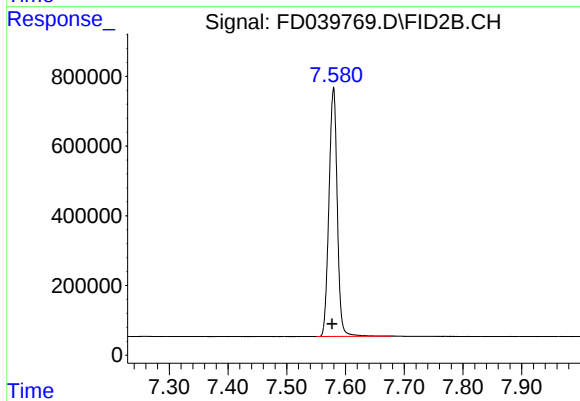
#2 Naphthalene (C11.7)

R.T.: 5.918 min
Delta R.T.: 0.001 min
Response: 7858268
Conc: 49.56 ug/ml



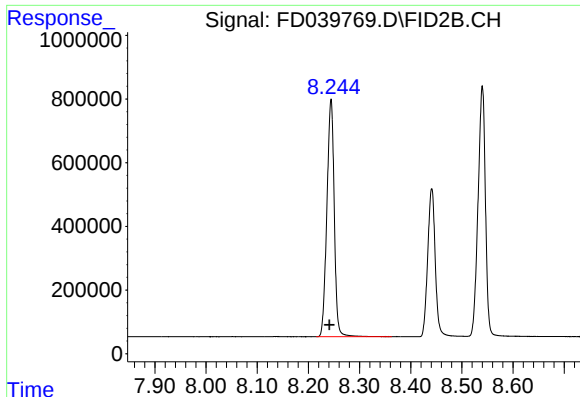
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.970 min
Delta R.T.: 0.002 min
Response: 8001003
Conc: 49.49 ug/ml



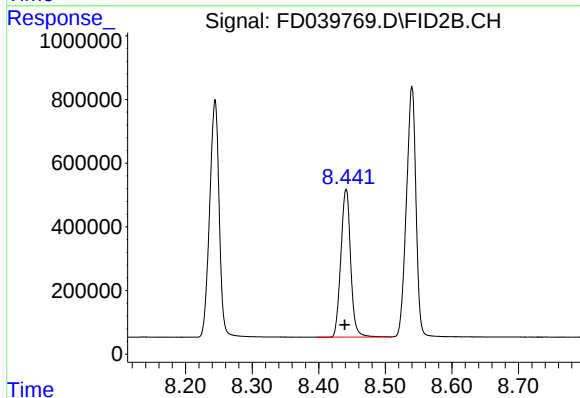
#4 2-Bromonaphthalene (SURR)

R.T.: 7.580 min
Delta R.T.: 0.003 min
Response: 7000476
Conc: 48.51 ug/ml



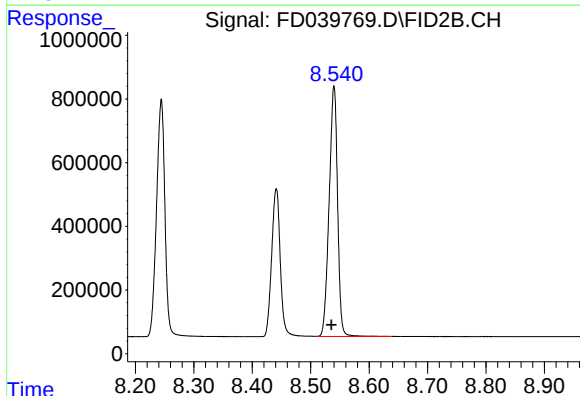
#5 Acenaphthylene (C15.06)

R.T.: 8.245 min
Delta R.T.: 0.004 min
Response: 7448098
Conc: 48.14 ug/ml



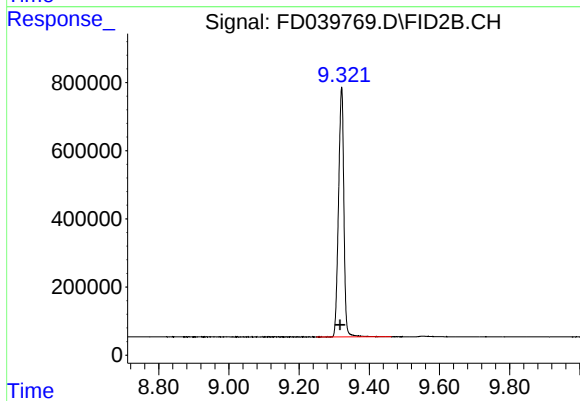
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.441 min
Delta R.T.: 0.002 min
Response: 4755713
Conc: 49.34 ug/ml



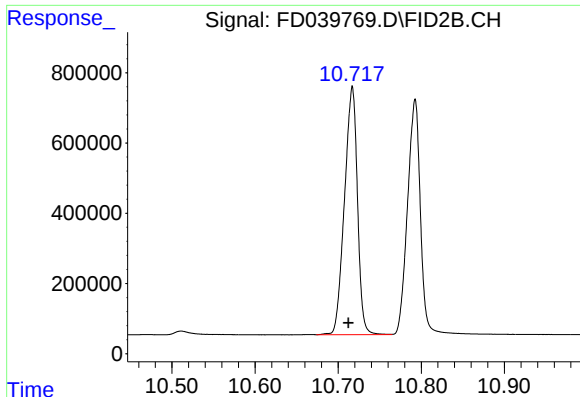
#7 Acenaphthene (C15.5)

R.T.: 8.540 min
Delta R.T.: 0.004 min
Response: 7890739
Conc: 47.89 ug/ml



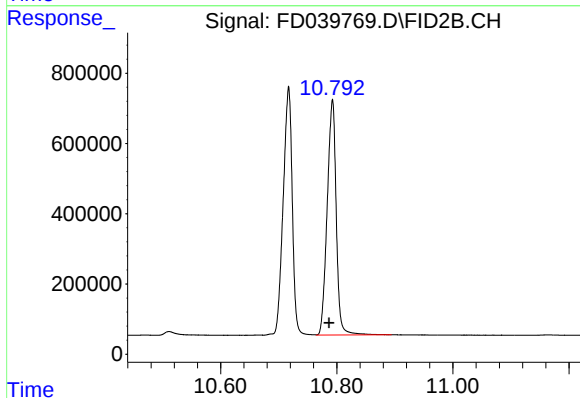
#8 Flouorene (C16.55)

R.T.: 9.321 min
Delta R.T.: 0.005 min
Response: 7730692
Conc: 48.77 ug/ml



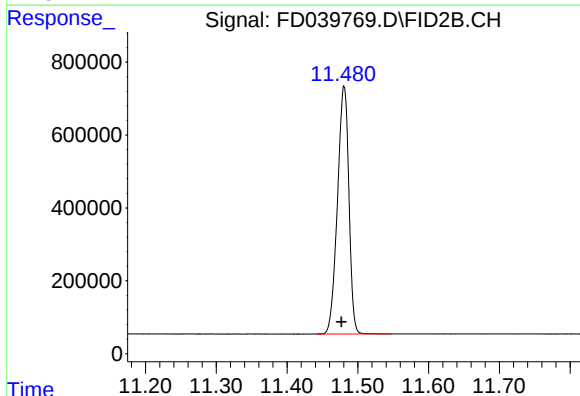
#9 Phenanthrene (C19.36)

R.T.: 10.717 min
Delta R.T.: 0.005 min
Response: 7659274
Conc: 48.04 ug/ml



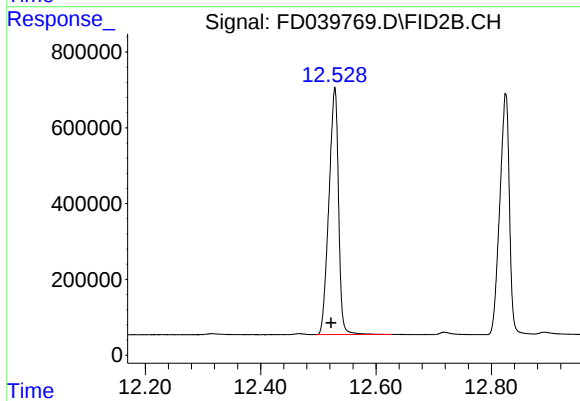
#10 Anthracene (C19.43)

R.T.: 10.793 min
Delta R.T.: 0.006 min
Response: 7250594
Conc: 48.27 ug/ml



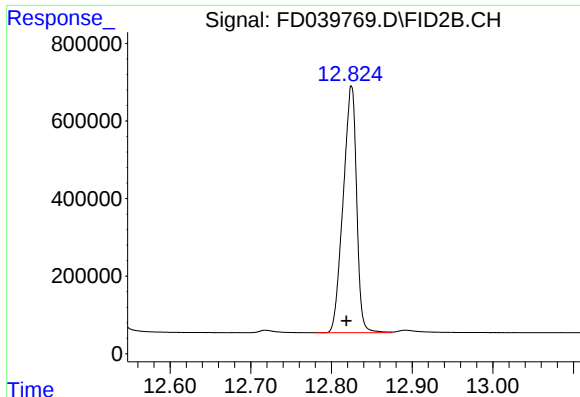
#11 ortho-Terphenyl (SURR)

R.T.: 11.481 min
Delta R.T.: 0.004 min
Response: 7625230
Conc: 47.43 ug/ml



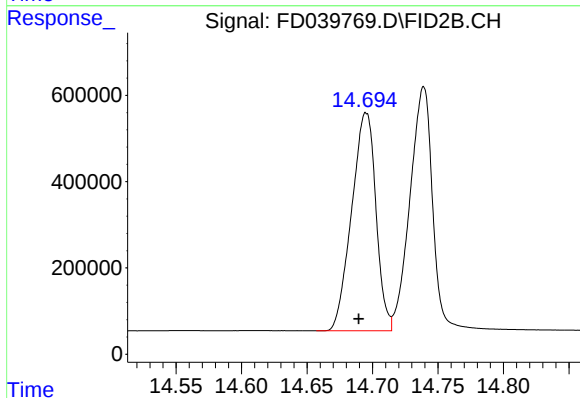
#12 Fluoranthene (C21.85)

R.T.: 12.529 min
Delta R.T.: 0.006 min
Response: 7567041
Conc: 47.60 ug/ml



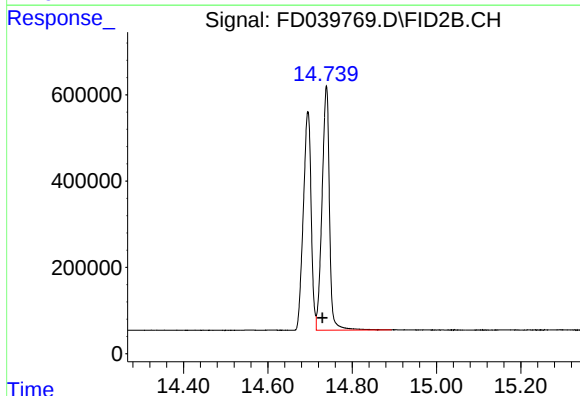
#13 Pyrene (C20.8)

R.T.: 12.825 min
Delta R.T.: 0.006 min
Response: 7373525
Conc: 47.82 ug/ml



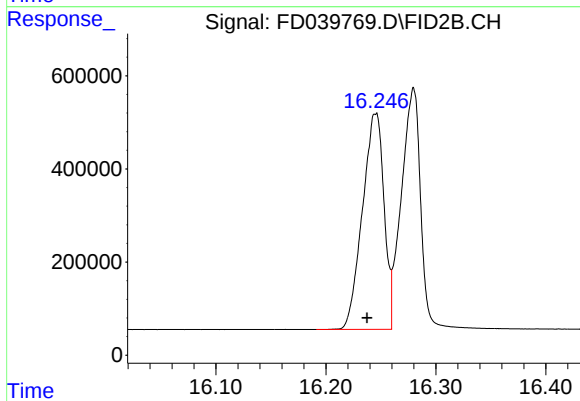
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.695 min
Delta R.T.: 0.005 min
Response: 6516795
Conc: 49.66 ug/ml



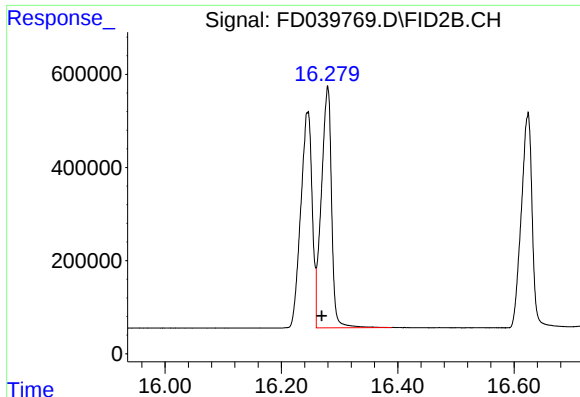
#15 Chrysene (C27.41)

R.T.: 14.739 min
Delta R.T.: 0.009 min
Response: 6911134
Conc: 49.51 ug/ml



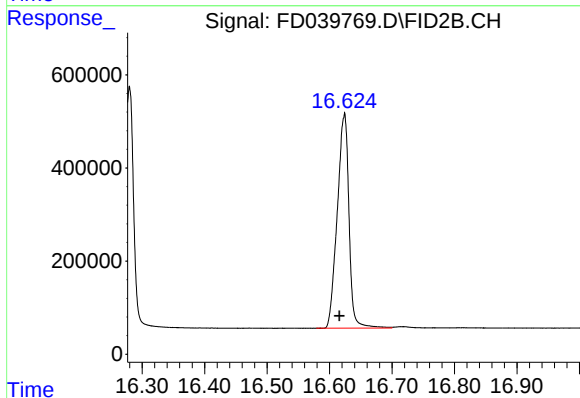
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.246 min
Delta R.T.: 0.008 min
Response: 6323988
Conc: 49.91 ug/ml



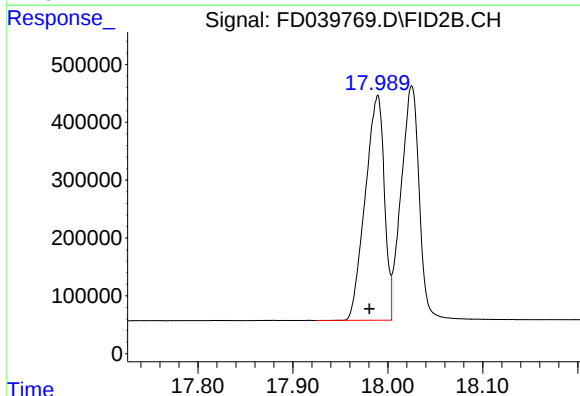
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.280 min
Delta R.T.: 0.010 min
Response: 6341671
Conc: 48.50 ug/ml



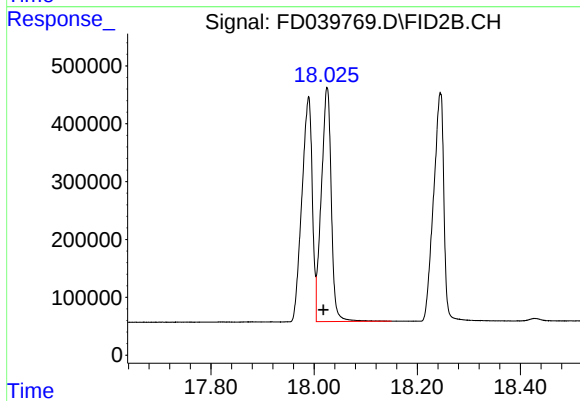
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.624 min
Delta R.T.: 0.008 min
Response: 6008488
Conc: 50.74 ug/ml



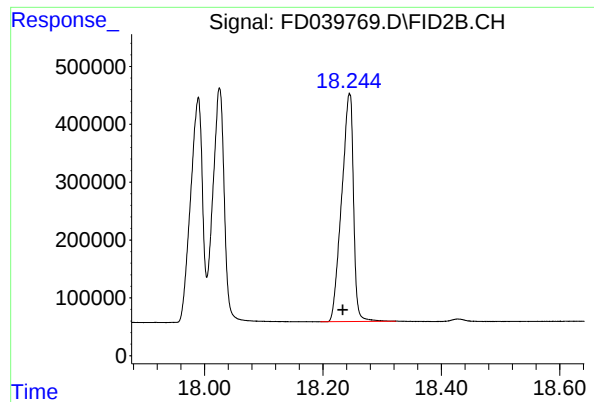
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.990 min
Delta R.T.: 0.009 min
Response: 5419769
Conc: 51.64 ug/ml



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

R.T.: 18.025 min
Delta R.T.: 0.007 min
Response: 5425880
Conc: 50.80 ug/ml



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

R.T.: 18.245 min
Delta R.T.: 0.011 min
Response: 5477839
Conc: 49.42 ug/ml