

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071119AR\
 Data File : FD029737.D
 Signal(s) : FID2B.CH
 Acq On : 11 Jul 2019 13:45
 Operator : DD\AJ
 Sample : K3591-07
 Misc : AR LOD 4 PPM
 ALS Vial : 58 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 12 05:29:02 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	5833058	36.862 ug/ml
Spiked Amount 50.000		Recovery =	73.72%
6) S 2-Fluorobiphenyl (SURR)	8.559	3942226	36.700 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	73.40%
11) S ortho-Terphenyl (SURR)	11.596	7325111	43.162 ug/ml
Spiked Amount 50.000		Recovery =	86.32%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.496	645519	3.818 ug/ml
2) T Naphthalene (C11.7)	6.035	692403	3.869 ug/ml
3) T 2-Methylnaphthalene (...)	7.085	677749	3.842 ug/ml
5) T Acenaphthylene (C15.06)	8.360	656615	3.879 ug/ml
7) T Acenaphthene (C15.5)	8.654	675146	3.831 ug/ml
8) T Fluorene (C16.55)	9.433	674848	3.862 ug/ml
9) T Phenanthrene (C19.36)	10.826	667072	3.847 ug/ml
10) T Anthracene (C19.43)	10.900	634990	3.756 ug/ml
12) T Fluoranthene (C21.85)	12.634	681155	3.978 ug/ml
13) T Pyrene (C20.8)	12.930	654598	3.848 ug/ml
14) T Benzo[a]anthracene (C...	14.794	598782	3.841 ug/ml
15) T Chrysene (C27.41)	14.836	609379	3.910 ug/ml
16) T benzo[b]fluoranthene ...	16.338	563540	3.859 ug/ml
17) T Bnezo[k]fluoranthene ...	16.370	558155	3.859 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.716	532786	3.799 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.074	470987	3.697 ug/ml
20) T Dibenz[a,h]anthracene...	18.113	512611	4.099 ug/ml
21) T Benzo[g,h,i]perylene ...	18.326	471179	3.777 ug/ml

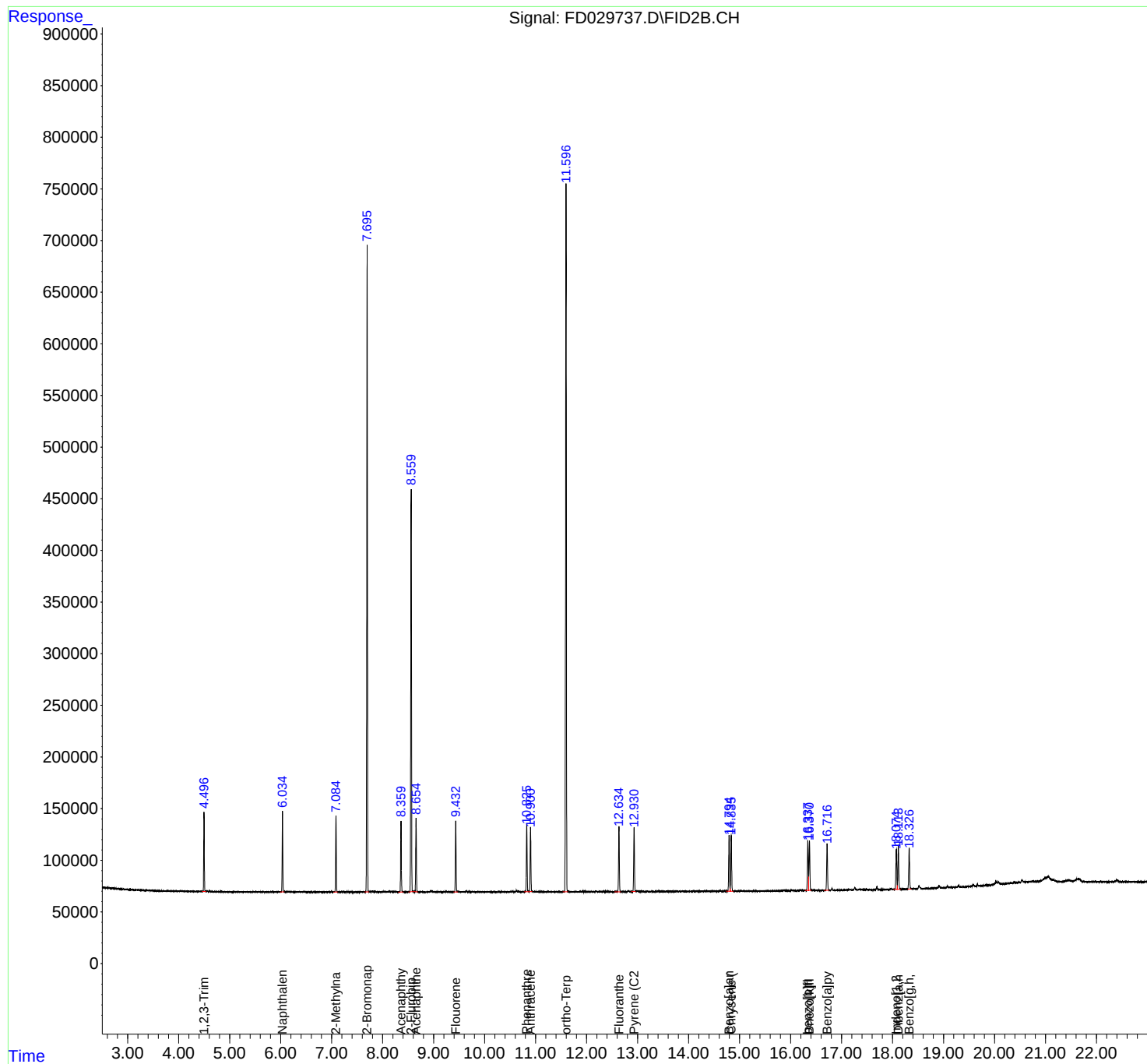
(f)=RT Delta > 1/2 Window

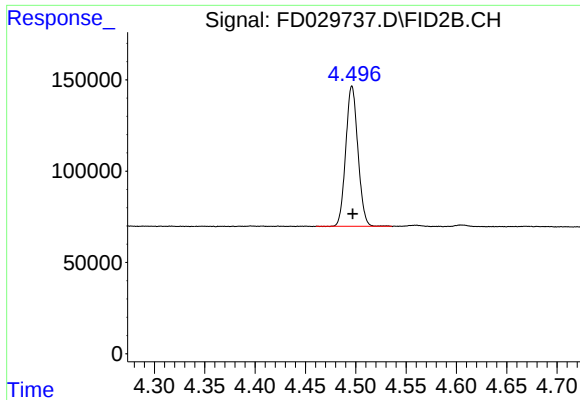
(m)=manual int.

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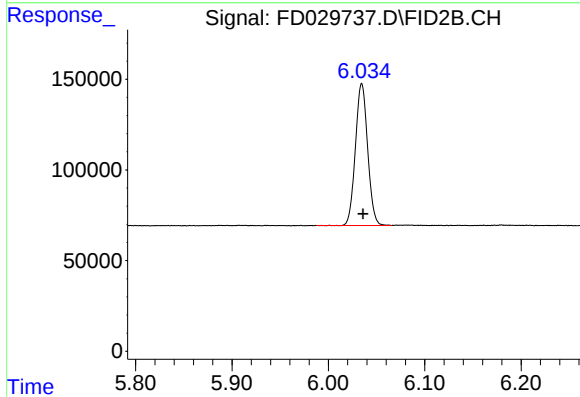
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





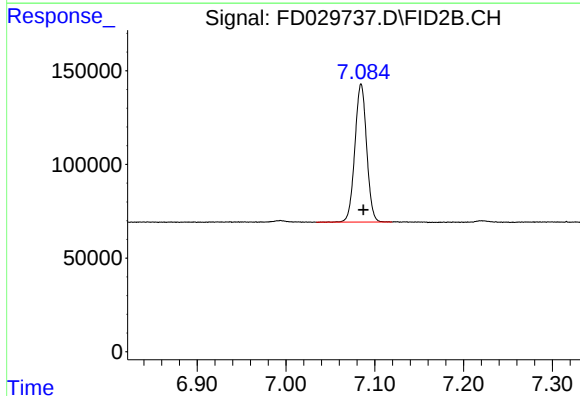
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.496 min
Delta R.T.: 0.000 min
Response: 645519
Conc: 3.82 ug/ml



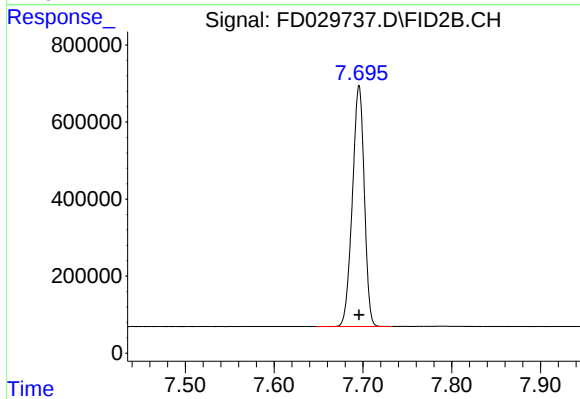
#2 Naphthalene (C11.7)

R.T.: 6.035 min
Delta R.T.: -0.001 min
Response: 692403
Conc: 3.87 ug/ml



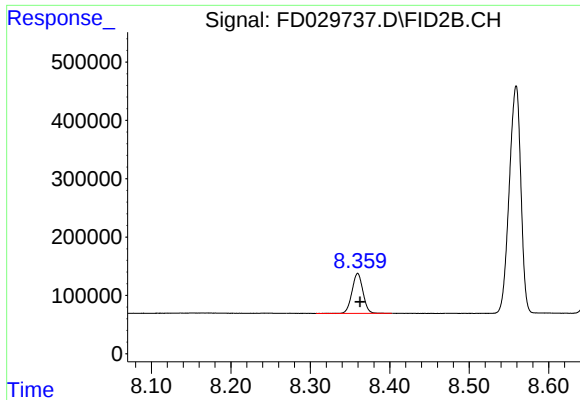
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.085 min
Delta R.T.: -0.002 min
Response: 677749
Conc: 3.84 ug/ml



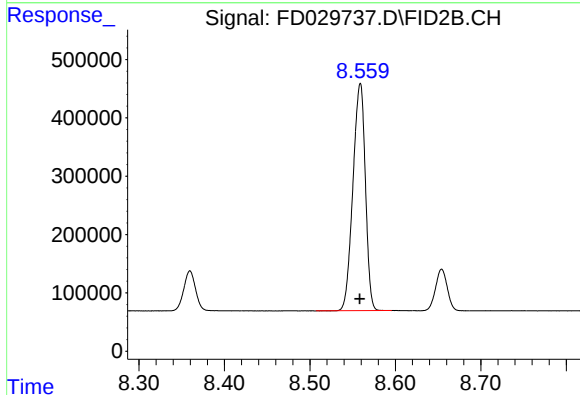
#4 2-Bromonaphthalene (SURR)

R.T.: 7.696 min
Delta R.T.: 0.000 min
Response: 5833058
Conc: 36.86 ug/ml



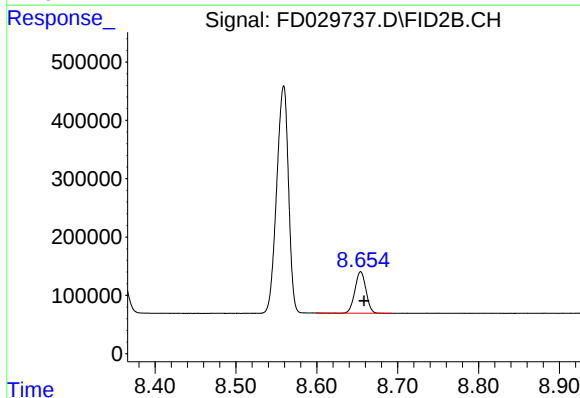
#5 Acenaphthylene (C15.06)

R.T.: 8.360 min
Delta R.T.: -0.003 min
Response: 656615
Conc: 3.88 ug/ml



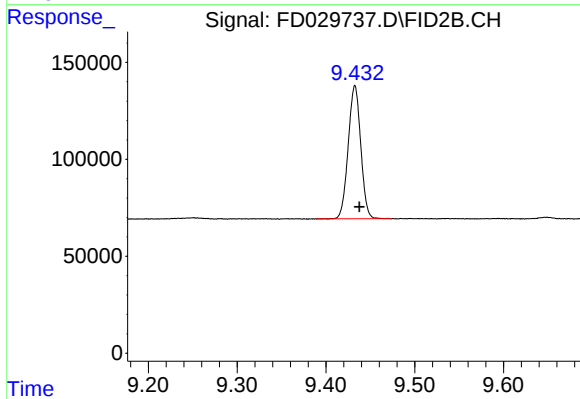
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.559 min
Delta R.T.: 0.000 min
Response: 3942226
Conc: 36.70 ug/ml



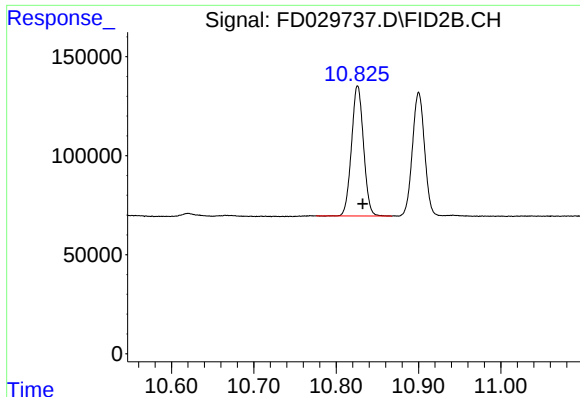
#7 Acenaphthene (C15.5)

R.T.: 8.654 min
Delta R.T.: -0.004 min
Response: 675146
Conc: 3.83 ug/ml



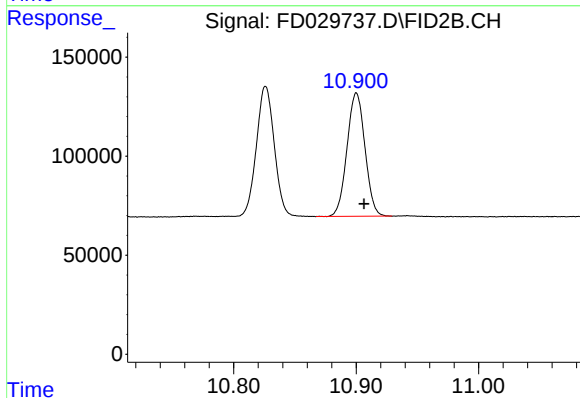
#8 Flouorene (C16.55)

R.T.: 9.433 min
Delta R.T.: -0.005 min
Response: 674848
Conc: 3.86 ug/ml



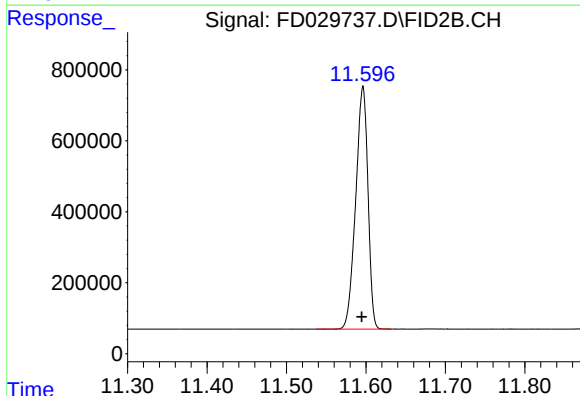
#9 Phenanthrene (C19.36)

R.T.: 10.826 min
Delta R.T.: -0.006 min
Response: 667072
Conc: 3.85 ug/ml



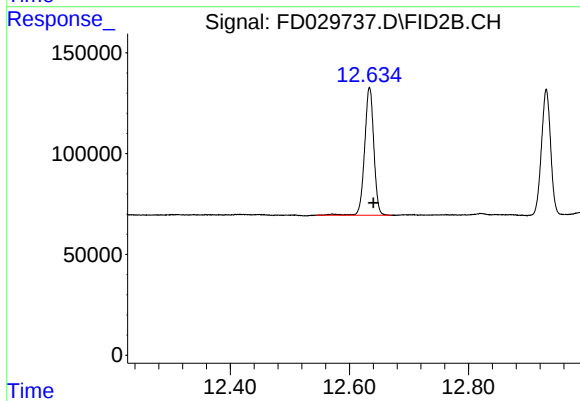
#10 Anthracene (C19.43)

R.T.: 10.900 min
Delta R.T.: -0.006 min
Response: 634990
Conc: 3.76 ug/ml



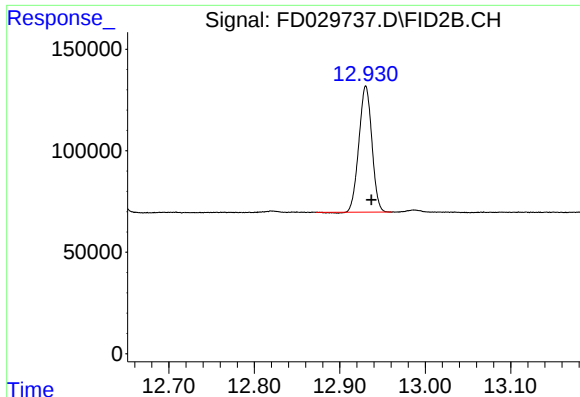
#11 ortho-Terphenyl (SURR)

R.T.: 11.596 min
Delta R.T.: 0.001 min
Response: 7325111
Conc: 43.16 ug/ml



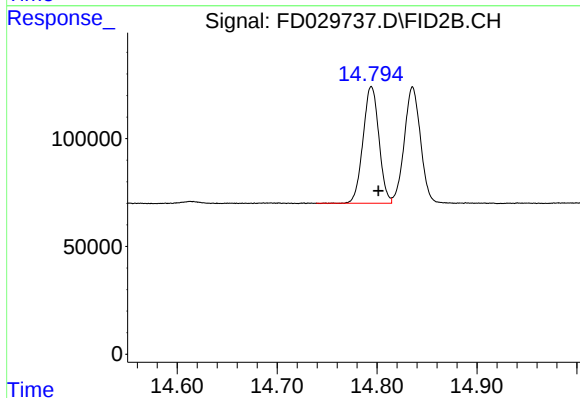
#12 Fluoranthene (C21.85)

R.T.: 12.634 min
Delta R.T.: -0.006 min
Response: 681155
Conc: 3.98 ug/ml



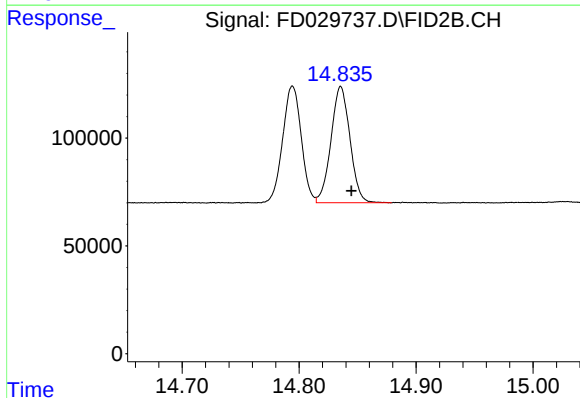
#13 Pyrene (C20.8)

R.T.: 12.930 min
Delta R.T.: -0.007 min
Response: 654598
Conc: 3.85 ug/ml



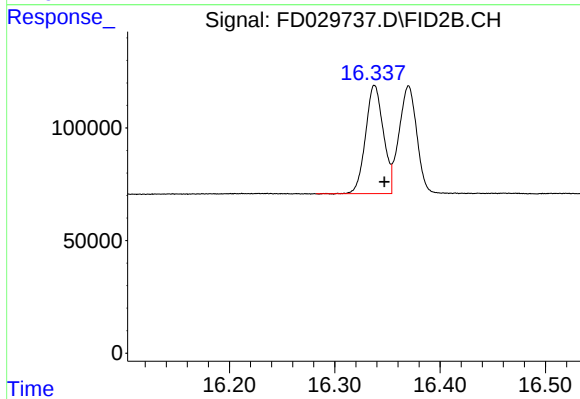
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.794 min
Delta R.T.: -0.007 min
Response: 598782
Conc: 3.84 ug/ml



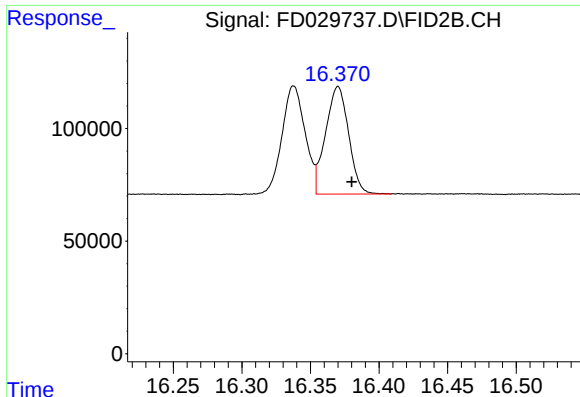
#15 Chrysene (C27.41)

R.T.: 14.836 min
Delta R.T.: -0.009 min
Response: 609379
Conc: 3.91 ug/ml



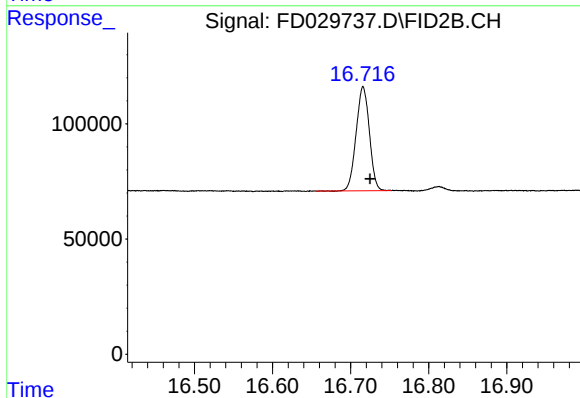
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.338 min
Delta R.T.: -0.009 min
Response: 563540
Conc: 3.86 ug/ml



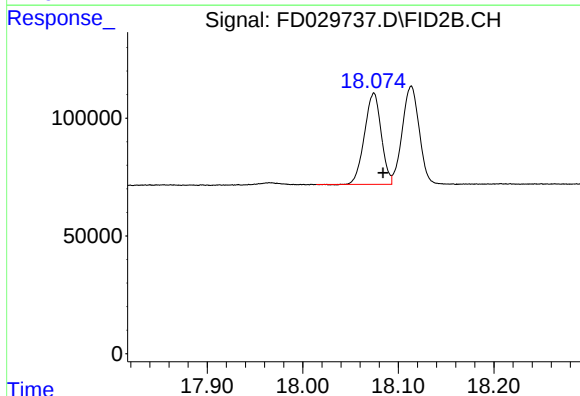
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.370 min
Delta R.T.: -0.010 min
Response: 558155
Conc: 3.86 ug/ml



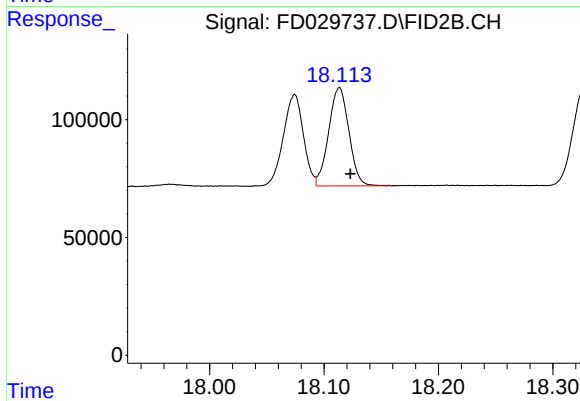
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.716 min
Delta R.T.: -0.009 min
Response: 532786
Conc: 3.80 ug/ml



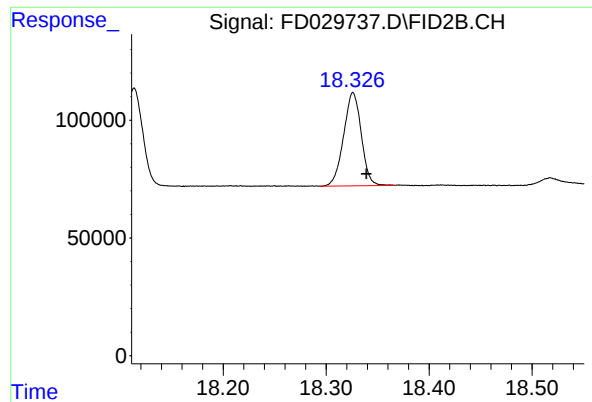
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.074 min
Delta R.T.: -0.010 min
Response: 470987
Conc: 3.70 ug/ml



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

R.T.: 18.113 min
Delta R.T.: -0.010 min
Response: 512611
Conc: 4.10 ug/ml



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

R.T.: 18.326 min
Delta R.T.: -0.013 min
Response: 471179
Conc: 3.78 ug/ml