

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121319AR\
 Data File : FD031801.D
 Signal(s) : FID2B.CH
 Acq On : 13 Dec 2019 13:41
 Operator : DD\AJ
 Sample : K6145-05MS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 13 22:35:31 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 120519.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 06 03:00:09 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...	7.645	5947754	48.085 ug/ml
Spiked Amount 50.000		Recovery =	96.17%
6) S 2-Fluorobiphenyl (SURR)	8.507	4033488	47.288 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	94.58%
11) S ortho-Terphenyl (SURR)	11.542	4982992	37.663 ug/ml
Spiked Amount 50.000		Recovery =	75.33%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.447	4733416	37.456 ug/ml
2) T Naphthalene (C11.7)	5.984	5512005	40.876 ug/ml
3) T 2-Methylnaphthalene (...)	7.035	5649459	41.979 ug/ml
5) T Acenaphthylene (C15.06)	8.310	5555970	42.624 ug/ml
7) T Acenaphthene (C15.5)	8.607	5873753	43.464 ug/ml
8) T Fluorene (C16.55)	9.385	5933058	44.110 ug/ml
9) T Phenanthrene (C19.36)	10.780	5975123	44.300 ug/ml
10) T Anthracene (C19.43)	10.855	5891807	44.169 ug/ml
12) T Fluoranthene (C21.85)	12.589	6013794	44.448 ug/ml
13) T Pyrene (C20.8)	12.886	5879133	43.864 ug/ml
14) T Benzo[a]anthracene (C...	14.753	5510930	43.258 ug/ml
15) T Chrysene (C27.41)	14.798	6749131	52.899 ug/ml
16) T benzo[b]fluoranthene ...	16.337	5439782	44.157 ug/ml
17) T Bnezo[k]fluoranthene ...	16.337	5439782	44.745 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.679	5082819	42.407 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.082	5049936	43.926 ug/ml
20) T Dibenz[a,h]anthracene...	18.082	5049936	44.737 ug/ml
21) T Benzo[g,h,i]perylene ...	18.301	5093105	44.946 ug/ml

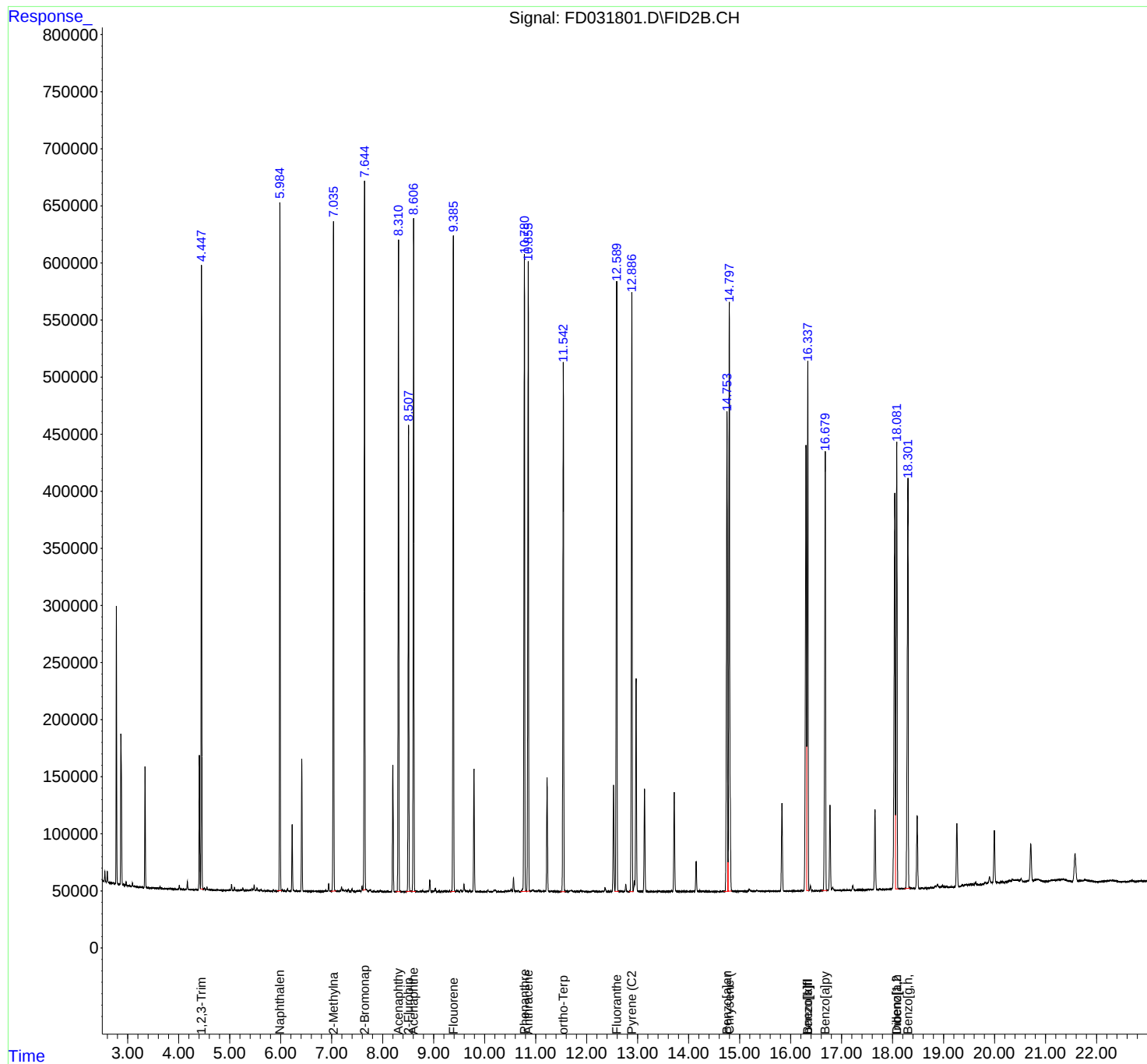
(f)=RT Delta > 1/2 Window

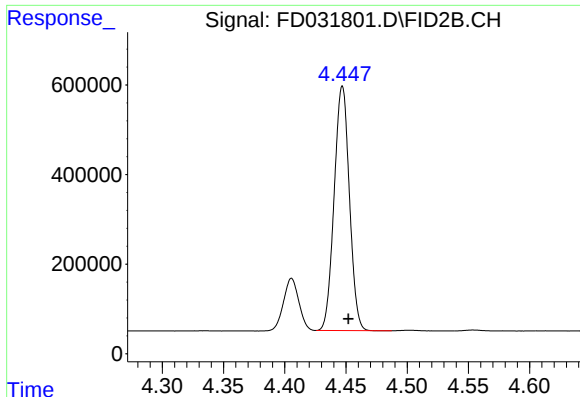
(m)=manual int.

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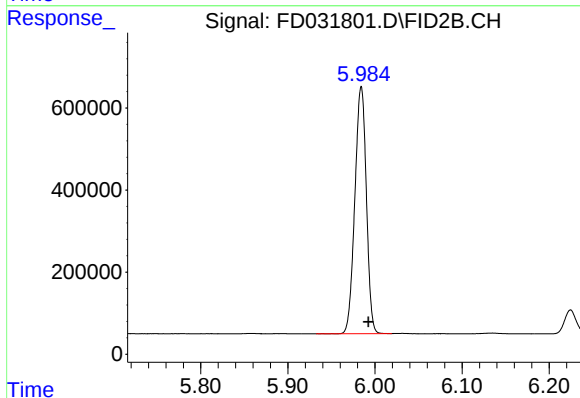
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Signal Info : 20M x 0.18mm x 0.18µm





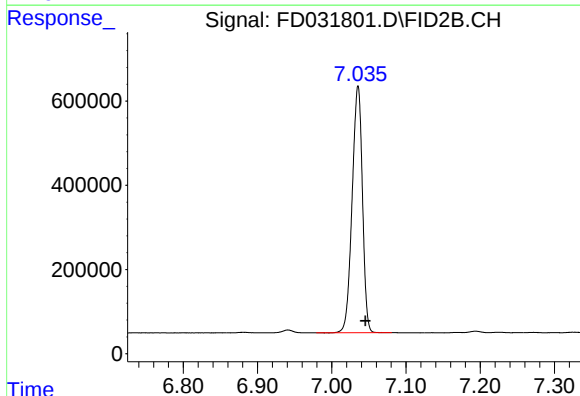
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.447 min
Delta R.T.: -0.005 min
Response: 4733416
Conc: 37.46 ug/ml



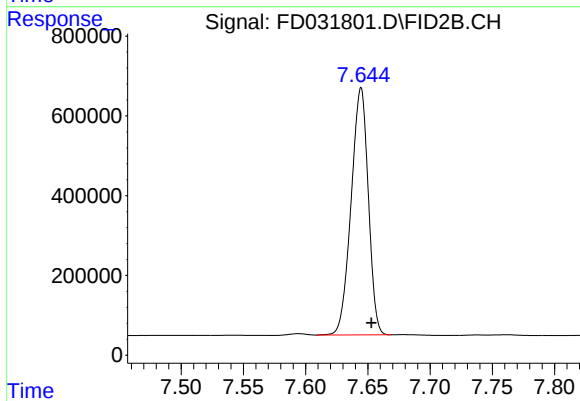
#2 Naphthalene (C11.7)

R.T.: 5.984 min
Delta R.T.: -0.008 min
Response: 5512005
Conc: 40.88 ug/ml



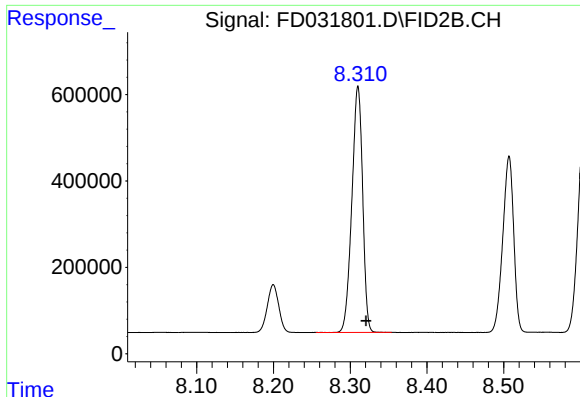
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.035 min
Delta R.T.: -0.010 min
Response: 5649459
Conc: 41.98 ug/ml



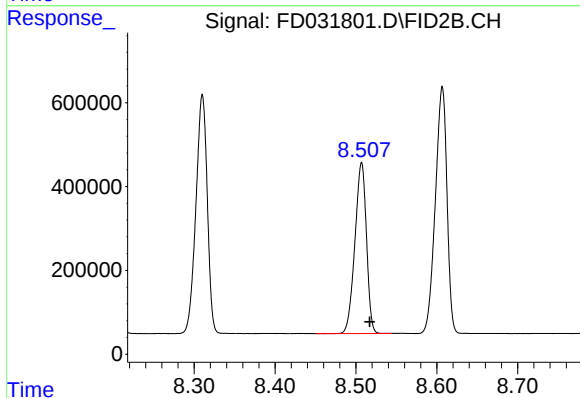
#4 2-Bromonaphthalene (SURR)

R.T.: 7.645 min
Delta R.T.: -0.008 min
Response: 5947754
Conc: 48.09 ug/ml



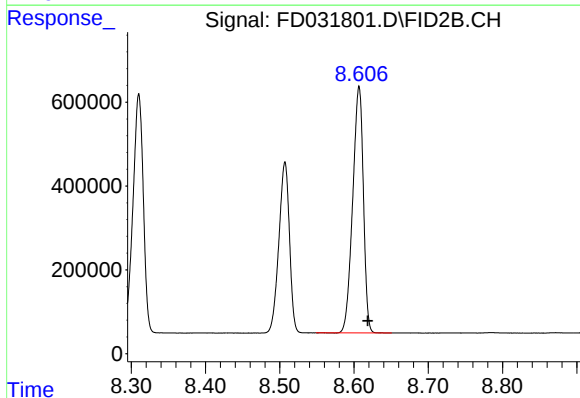
#5 Acenaphthylene (C15.06)

R.T.: 8.310 min
Delta R.T.: -0.011 min
Response: 5555970
Conc: 42.62 ug/ml



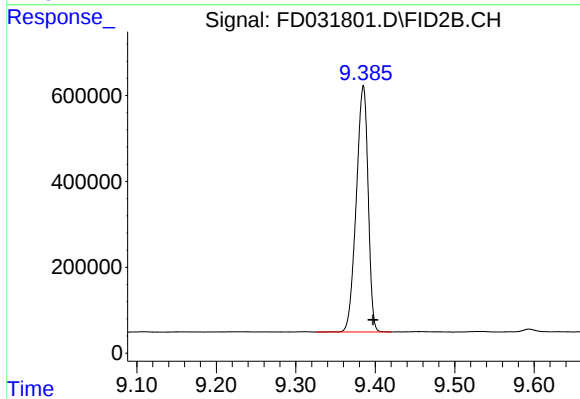
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.507 min
Delta R.T.: -0.010 min
Response: 4033488
Conc: 47.29 ug/ml



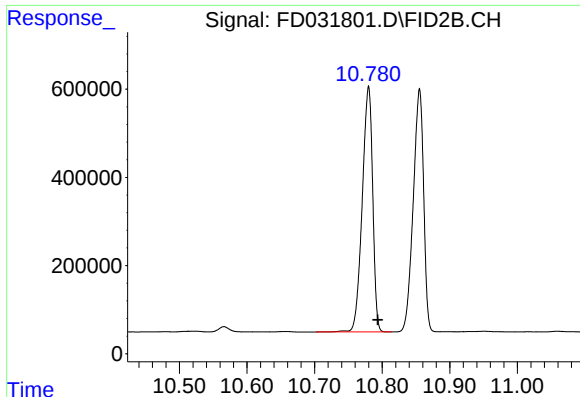
#7 Acenaphthene (C15.5)

R.T.: 8.607 min
Delta R.T.: -0.012 min
Response: 5873753
Conc: 43.46 ug/ml



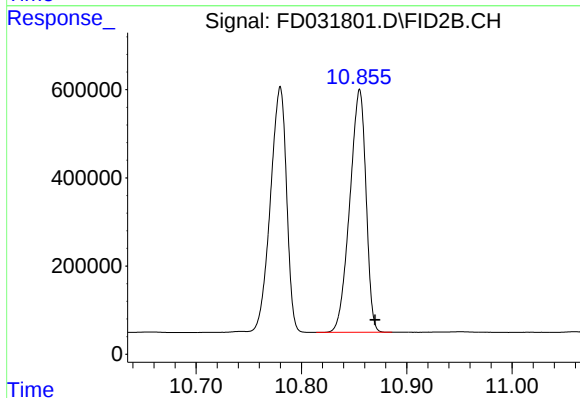
#8 Flouorene (C16.55)

R.T.: 9.385 min
Delta R.T.: -0.012 min
Response: 5933058
Conc: 44.11 ug/ml



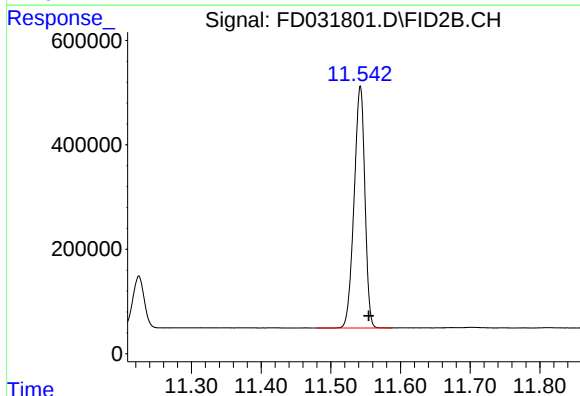
#9 Phenanthrene (C19.36)

R.T.: 10.780 min
Delta R.T.: -0.014 min
Response: 5975123
Conc: 44.30 ug/ml



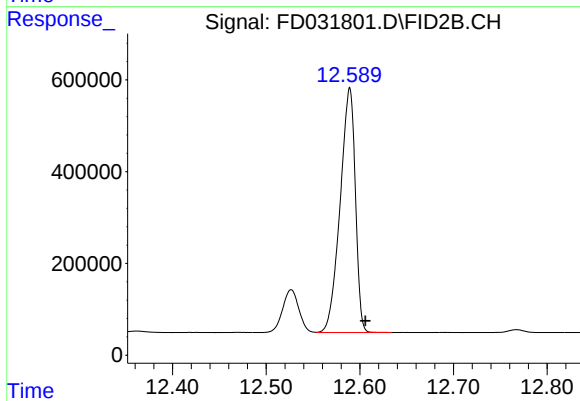
#10 Anthracene (C19.43)

R.T.: 10.855 min
Delta R.T.: -0.015 min
Response: 5891807
Conc: 44.17 ug/ml



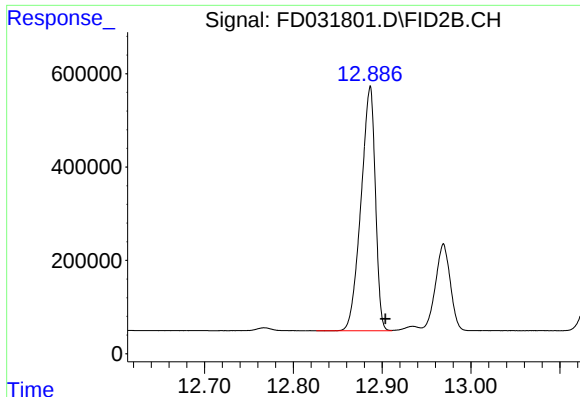
#11 ortho-Terphenyl (SURR)

R.T.: 11.542 min
Delta R.T.: -0.012 min
Response: 4982992
Conc: 37.66 ug/ml



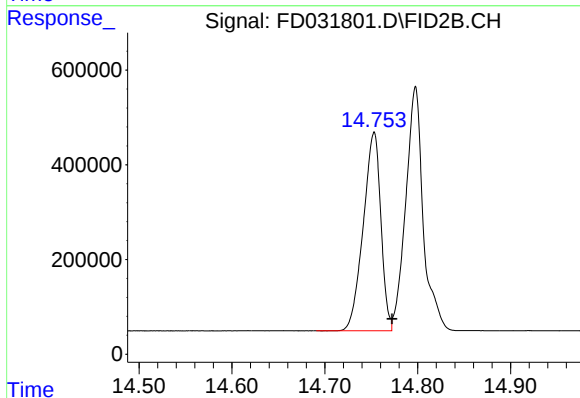
#12 Fluoranthene (C21.85)

R.T.: 12.589 min
Delta R.T.: -0.017 min
Response: 6013794
Conc: 44.45 ug/ml



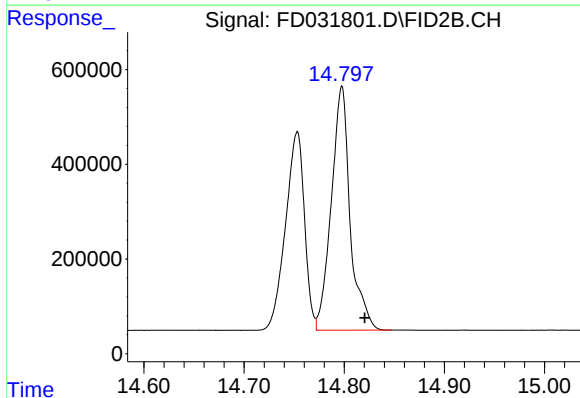
#13 Pyrene (C20.8)

R.T.: 12.886 min
Delta R.T.: -0.017 min
Response: 5879133
Conc: 43.86 ug/ml



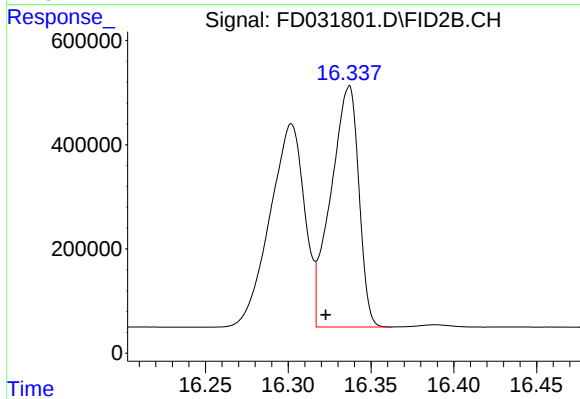
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.753 min
Delta R.T.: -0.019 min
Response: 5510930
Conc: 43.26 ug/ml



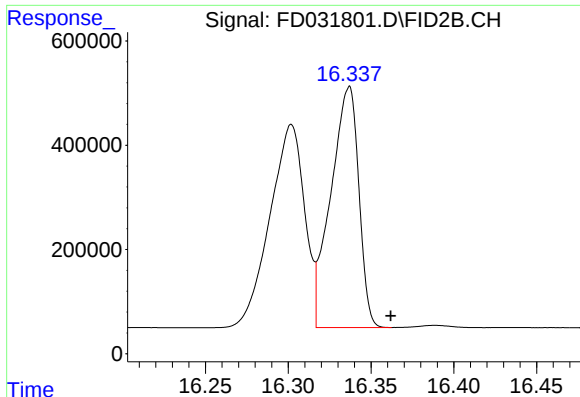
#15 Chrysene (C27.41)

R.T.: 14.798 min
Delta R.T.: -0.023 min
Response: 6749131
Conc: 52.90 ug/ml



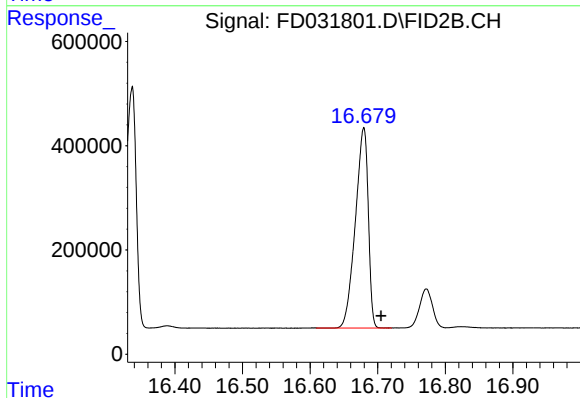
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.337 min
Delta R.T.: 0.014 min
Response: 5439782
Conc: 44.16 ug/ml



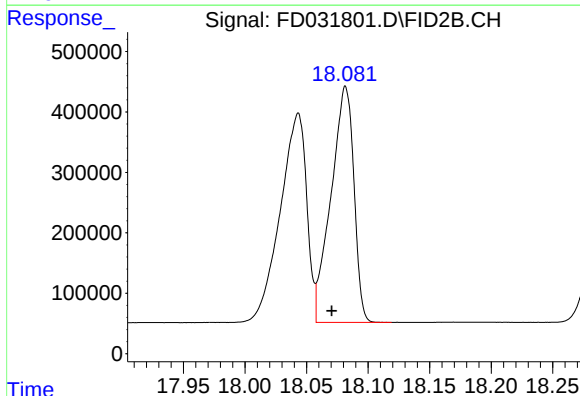
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.337 min
Delta R.T.: -0.025 min
Response: 5439782
Conc: 44.75 ug/ml



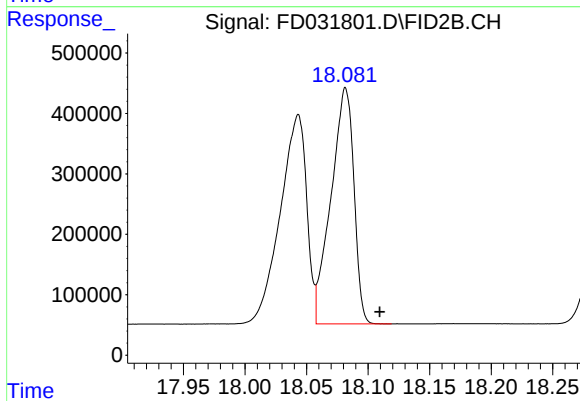
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.679 min
Delta R.T.: -0.026 min
Response: 5082819
Conc: 42.41 ug/ml



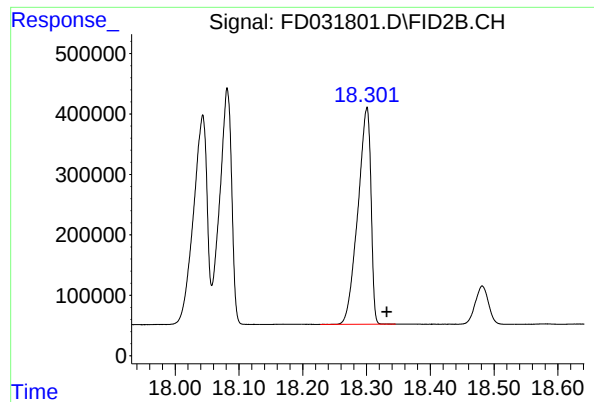
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.082 min
Delta R.T.: 0.011 min
Response: 5049936
Conc: 43.93 ug/ml



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

R.T.: 18.082 min
Delta R.T.: -0.028 min
Response: 5049936
Conc: 44.74 ug/ml



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

R.T.: 18.301 min
Delta R.T.: -0.031 min
Response: 5093105
Conc: 44.95 ug/ml