

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051719AR\
 Data File : FD029187.D
 Signal(s) : FID2B.CH
 Acq On : 17 May 2019 17:00
 Operator : EI\AJ
 Sample : K2851-01MS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: May 18 04:12:45 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 051519.M
 Quant Title : GC Extractables
 QLast Update : Wed May 15 16:09:05 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...	7.748	3222815	40.716 ug/ml
Spiked Amount 50.000		Recovery =	81.43%
6) S 2-Fluorobiphenyl (SURR)	8.614	2142850	39.680 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	79.36%
11) S ortho-Terphenyl (SURR)	11.652	2545801	30.870 ug/ml
Spiked Amount 50.000		Recovery =	61.74%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.538	3016751	33.886 ug/ml
2) T Naphthalene (C11.7)	6.086	3707483	39.665 ug/ml
3) T 2-Methylnaphthalene (...)	7.140	3800541	42.183 ug/ml
5) T Acenaphthylene (C15.06)	8.418	3817063	44.391 ug/ml
7) T Acenaphthene (C15.5)	8.714	3956456	44.274 ug/ml
8) T Fluorene (C16.55)	9.494	3927343	44.861 ug/ml
9) T Phenanthrene (C19.36)	10.892	4296102	47.964 ug/ml
10) T Anthracene (C19.43)	10.967	4078444	45.834 ug/ml
12) T Fluoranthene (C21.85)	12.704	4692418	48.883 ug/ml
13) T Pyrene (C20.8)	13.002	4662246	47.388 ug/ml
14) T Benzo[a]anthracene (C...	14.869	4615839	46.770 ug/ml
15) T Chrysene (C27.41)	14.914	4864082	48.578 ug/ml
16) T benzo[b]fluoranthene ...	16.418	4910887	47.640 ug/ml
17) T Bnezo[k]fluoranthene ...	16.452	4540564	44.805 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.797	4476329	44.173 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.159	4574267	47.074 ug/ml
20) T Dibenz[a,h]anthracene...	18.197	4234793	47.080 ug/ml
21) T Benzo[g,h,i]perylene ...	18.417	4679197	46.268 ug/ml

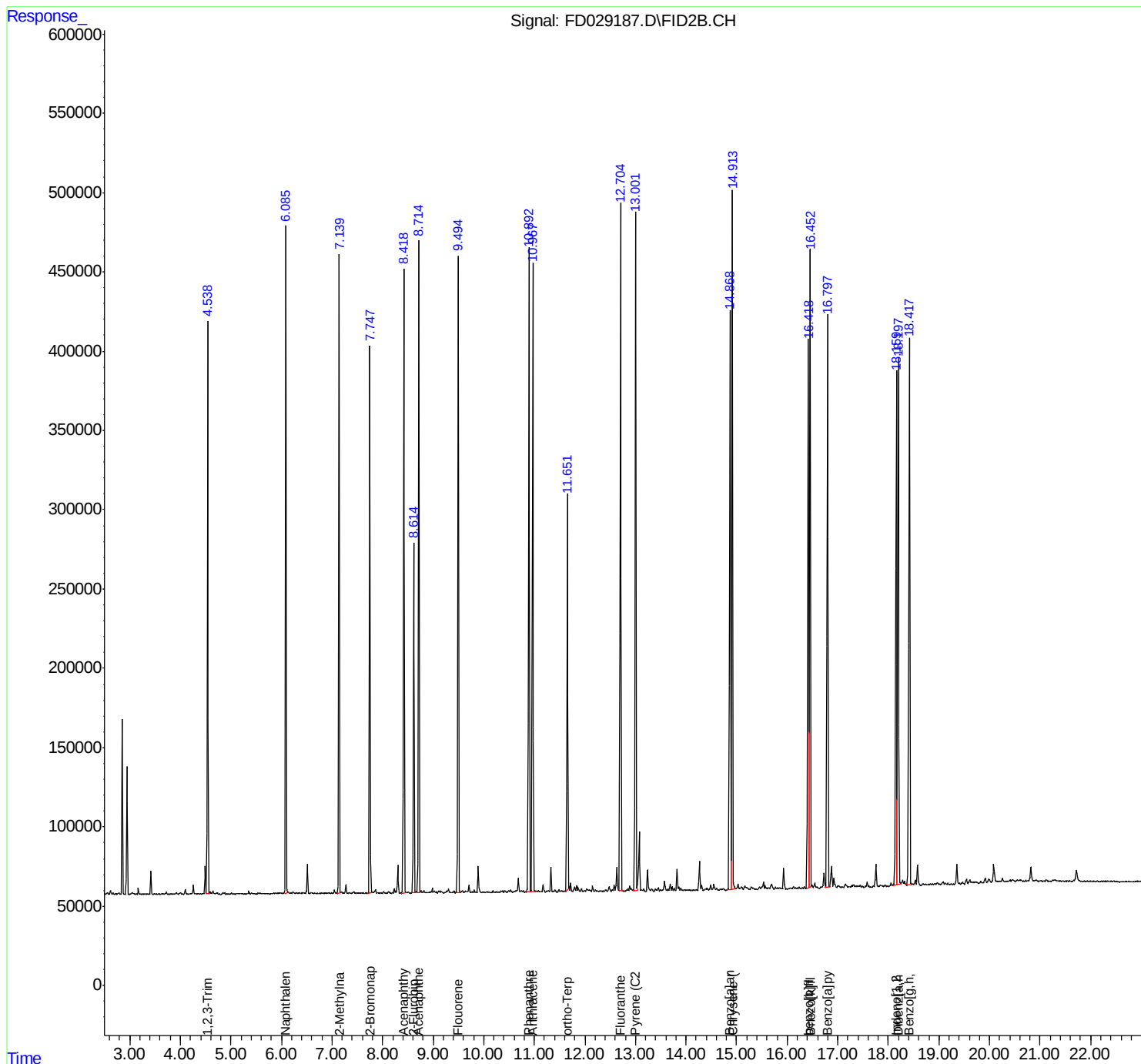
(f)=RT Delta > 1/2 Window

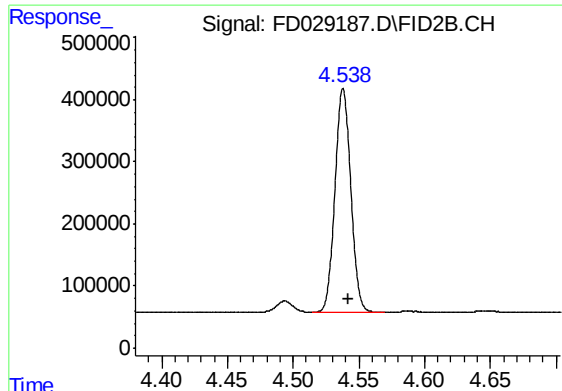
(m)=manual int.

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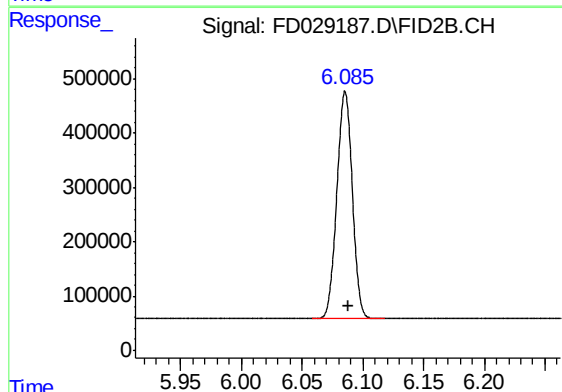
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Signal Info : 20M x 0.18mm x 0.18µm





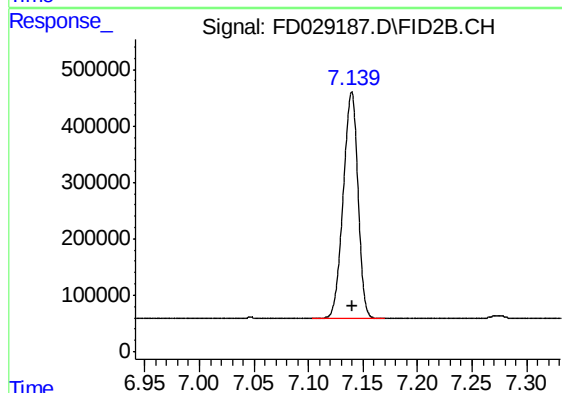
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.538 min
Delta R.T.: -0.004 min
Response: 3016751
Conc: 33.89 ug/ml



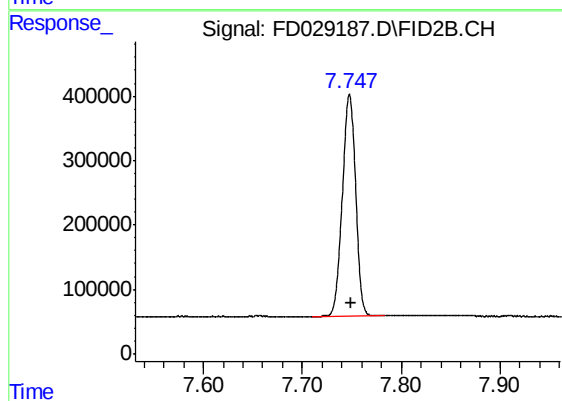
#2 Naphthalene (C11.7)

R.T.: 6.086 min
Delta R.T.: -0.003 min
Response: 3707483
Conc: 39.66 ug/ml



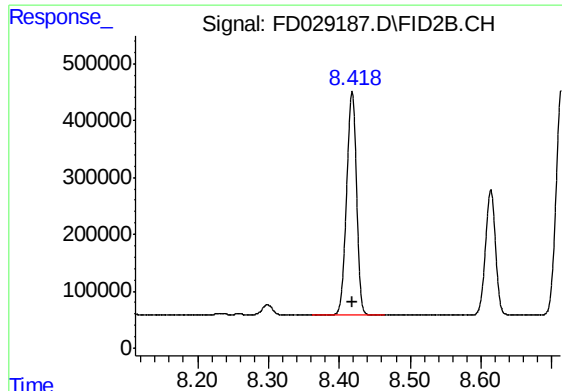
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.140 min
Delta R.T.: 0.000 min
Response: 3800541
Conc: 42.18 ug/ml



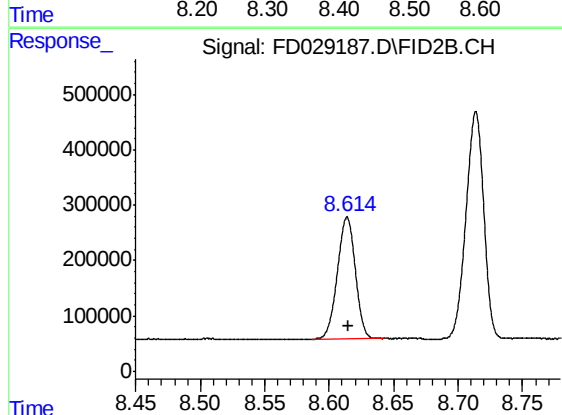
#4 2-Bromonaphthalene (SURR)

R.T.: 7.748 min
Delta R.T.: -0.001 min
Response: 3222815
Conc: 40.72 ug/ml



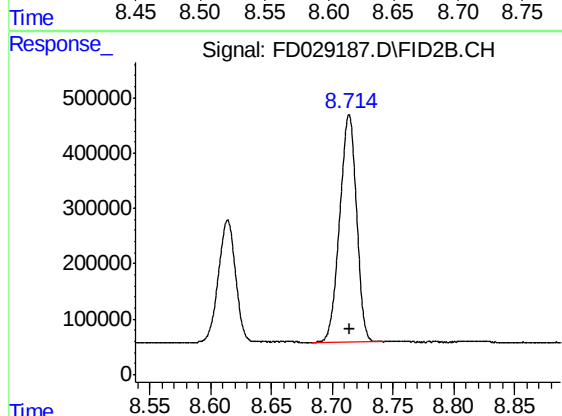
#5 Acenaphthylene (C15.06)

R.T.: 8.418 min
Delta R.T.: 0.000 min
Response: 3817063
Conc: 44.39 ug/ml



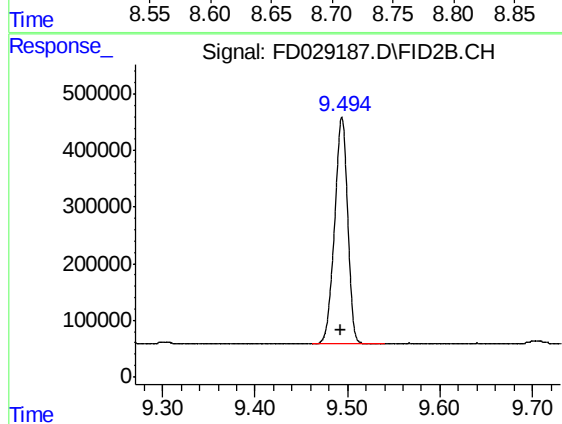
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.614 min
Delta R.T.: -0.001 min
Response: 2142850
Conc: 39.68 ug/ml



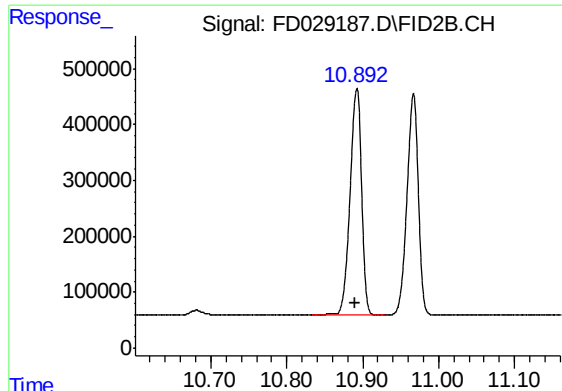
#7 Acenaphthene (C15.5)

R.T.: 8.714 min
Delta R.T.: 0.000 min
Response: 3956456
Conc: 44.27 ug/ml



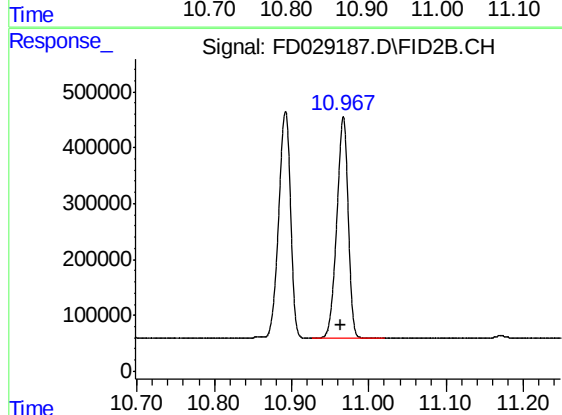
#8 Flouorene (C16.55)

R.T.: 9.494 min
Delta R.T.: 0.000 min
Response: 3927343
Conc: 44.86 ug/ml



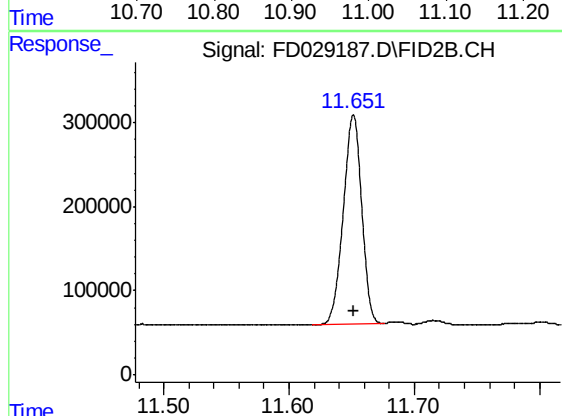
#9 Phenanthrene (C19.36)

R.T.: 10.892 min
Delta R.T.: 0.003 min
Response: 4296102
Conc: 47.96 ug/ml



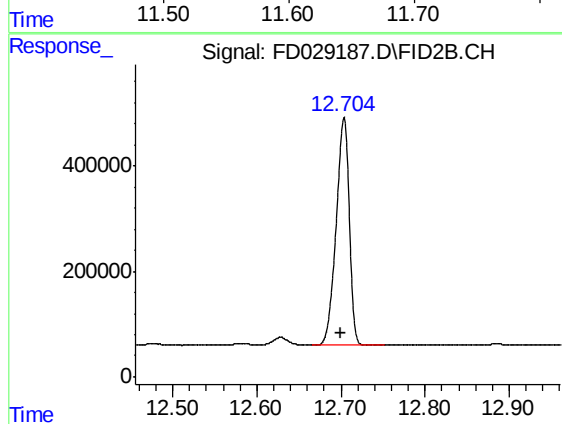
#10 Anthracene (C19.43)

R.T.: 10.967 min
Delta R.T.: 0.004 min
Response: 4078444
Conc: 45.83 ug/ml



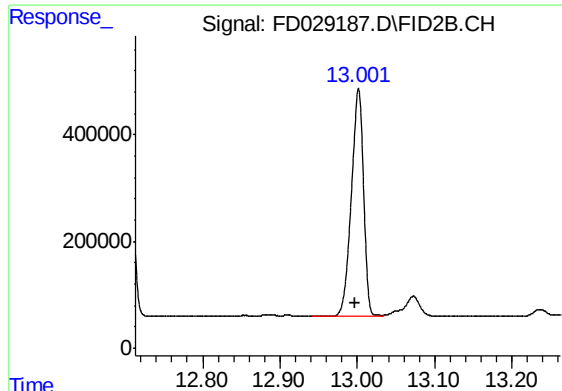
#11 ortho-Terphenyl (SURR)

R.T.: 11.652 min
Delta R.T.: 0.000 min
Response: 2545801
Conc: 30.87 ug/ml



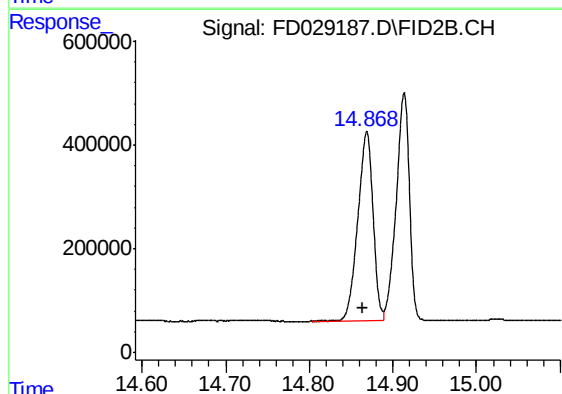
#12 Fluoranthene (C21.85)

R.T.: 12.704 min
Delta R.T.: 0.004 min
Response: 4692418
Conc: 48.88 ug/ml



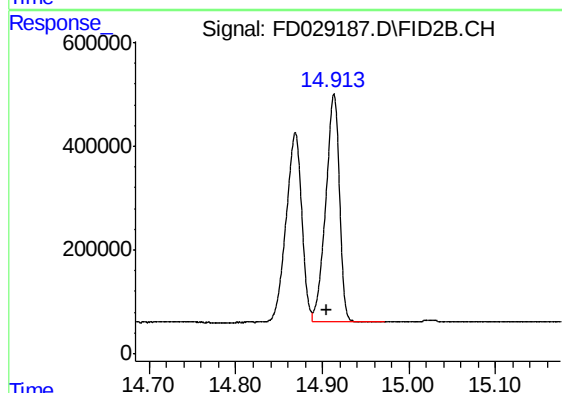
#13 Pyrene (C20.8)

R.T.: 13.002 min
Delta R.T.: 0.005 min
Response: 4662246
Conc: 47.39 ug/ml



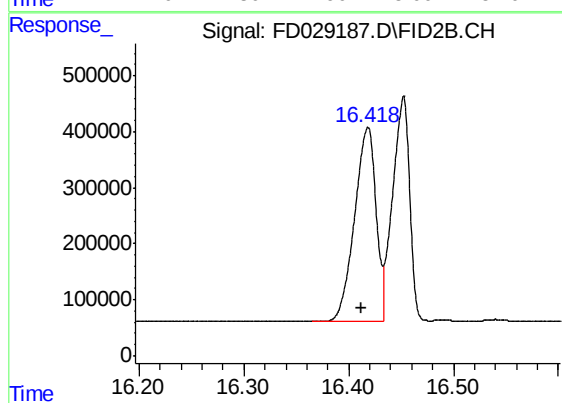
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.869 min
Delta R.T.: 0.005 min
Response: 4615839
Conc: 46.77 ug/ml



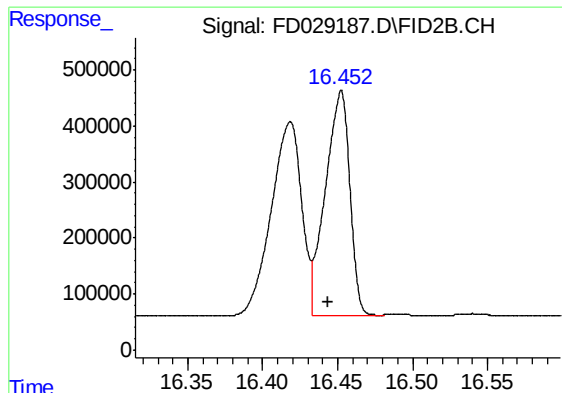
#15 Chrysene (C27.41)

R.T.: 14.914 min
Delta R.T.: 0.008 min
Response: 4864082
Conc: 48.58 ug/ml



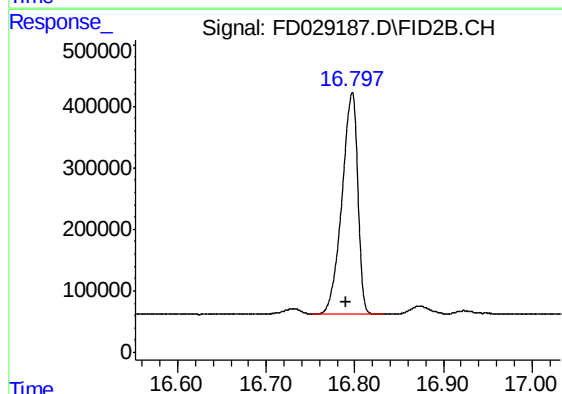
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.418 min
Delta R.T.: 0.007 min
Response: 4910887
Conc: 47.64 ug/ml



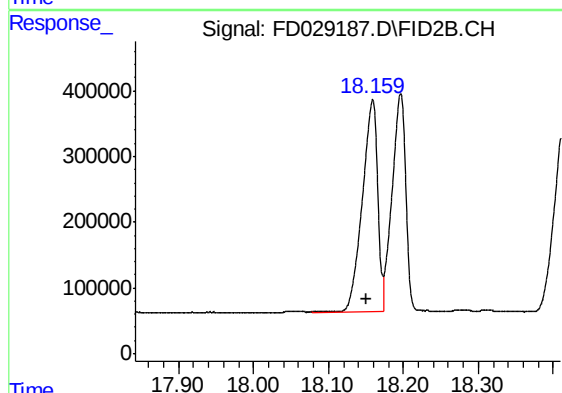
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.452 min
Delta R.T.: 0.008 min
Response: 4540564
Conc: 44.80 ug/ml



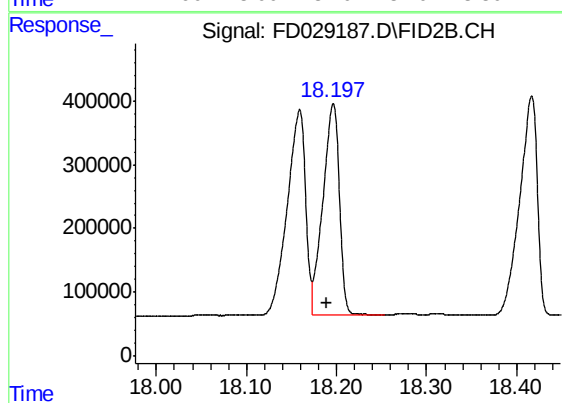
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.797 min
Delta R.T.: 0.007 min
Response: 4476329
Conc: 44.17 ug/ml



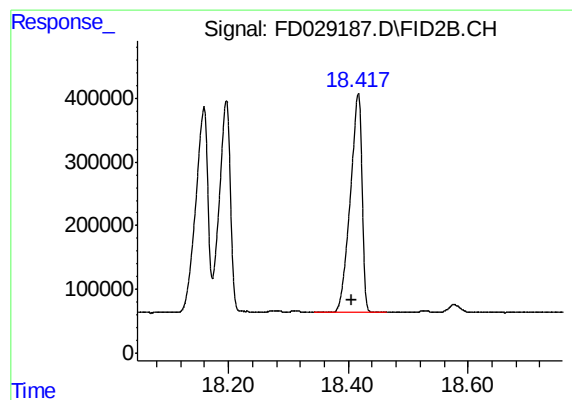
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.159 min
Delta R.T.: 0.009 min
Response: 4574267
Conc: 47.07 ug/ml



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

R.T.: 18.197 min
Delta R.T.: 0.007 min
Response: 4234793
Conc: 47.08 ug/ml



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

R.T.: 18.417 min
Delta R.T.: 0.010 min
Response: 4679197
Conc: 46.27 ug/ml