

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062520AR\
 Data File : FD033811.D
 Signal(s) : FID2B.CH
 Acq On : 25 Jun 2020 15:16
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 26 01:34:52 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061820.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 19 09:50:25 2020
 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...	7.563	2347622	21.240 ug/ml
Spiked Amount 50.000		Recovery =	42.48%
6) S 2-Fluorobiphenyl (SURR)	8.425	1584846	21.352 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.70%
11) S ortho-Terphenyl (SURR)	11.452	2804312	20.191 ug/ml
Spiked Amount 50.000		Recovery =	40.38%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.373	2685552	21.317 ug/ml
2) T Naphthalene (C11.7)	5.907	2657375	21.141 ug/ml
3) T 2-Methylnaphthalene (...)	6.955	2698698	21.154 ug/ml
5) T Acenaphthylene (C15.06)	8.225	2685133	20.842 ug/ml
7) T Acenaphthene (C15.5)	8.519	2825237	21.114 ug/ml
8) T Fluorene (C16.55)	9.299	2624580	20.884 ug/ml
9) T Phenanthrene (C19.36)	10.692	2641424	20.574 ug/ml
10) T Anthracene (C19.43)	10.768	2497485	19.760 ug/ml
12) T Fluoranthene (C21.85)	12.503	2639824	20.047 ug/ml
13) T Pyrene (C20.8)	12.799	2550016	19.855 ug/ml
14) T Benzo[a]anthracene (C...	14.672	2377929	20.024 ug/ml
15) T Chrysene (C27.41)	14.713	2564000	19.363 ug/ml
16) T benzo[b]fluoranthene ...	16.226	2358995	19.929 ug/ml
17) T Bnezo[k]fluoranthene ...	16.257	2448756	19.166 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.606	2275586	18.973 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.978	2218963	21.298 ug/ml
20) T Dibenz[a,h]anthracene...	18.011	2444151	19.938 ug/ml
21) T Benzo[g,h,i]perylene ...	18.230	2344759	20.815 ug/ml

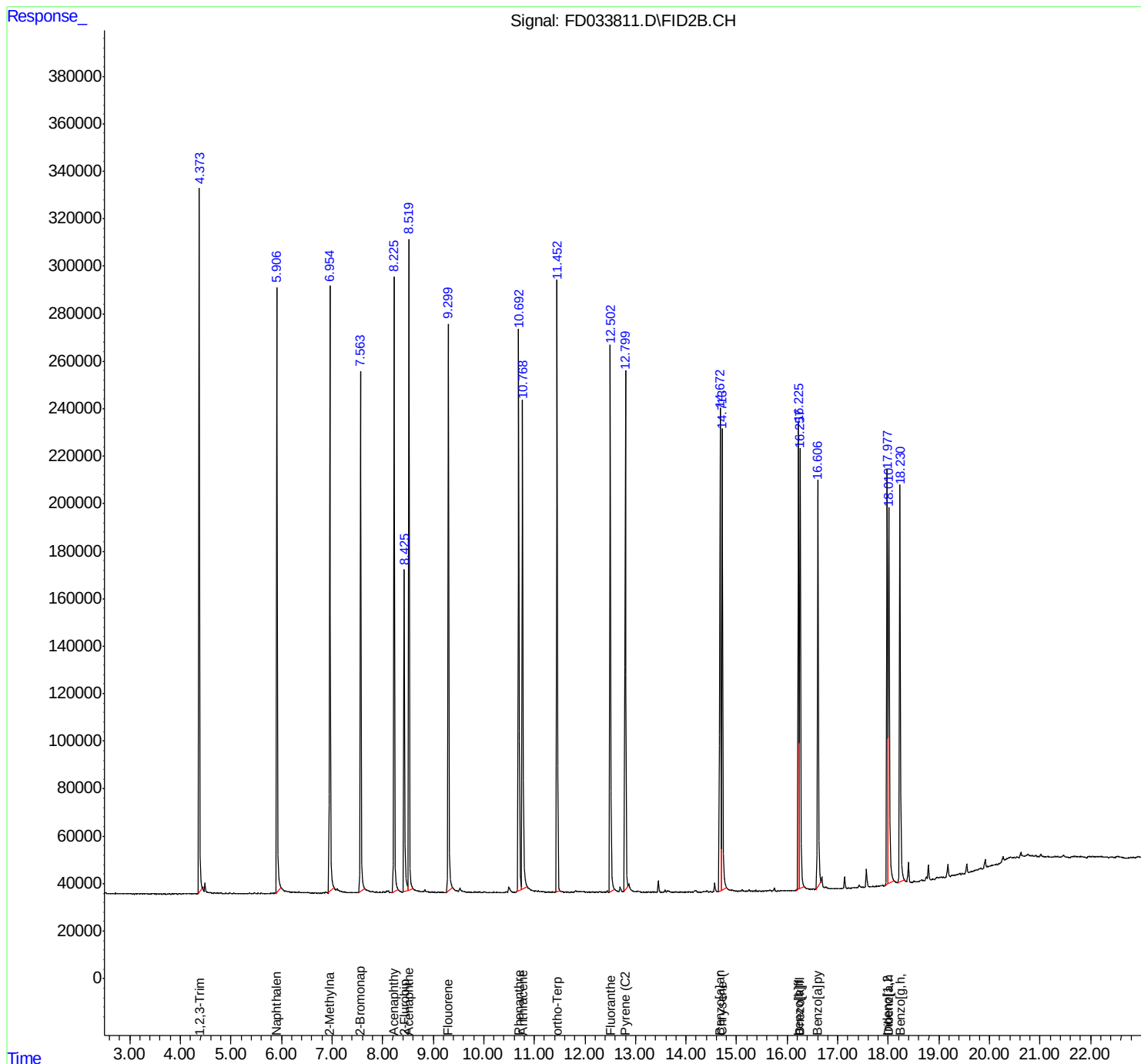
(f)=RT Delta > 1/2 Window

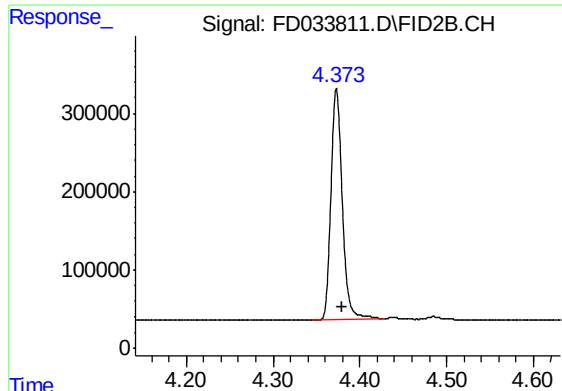
(m)=manual int.

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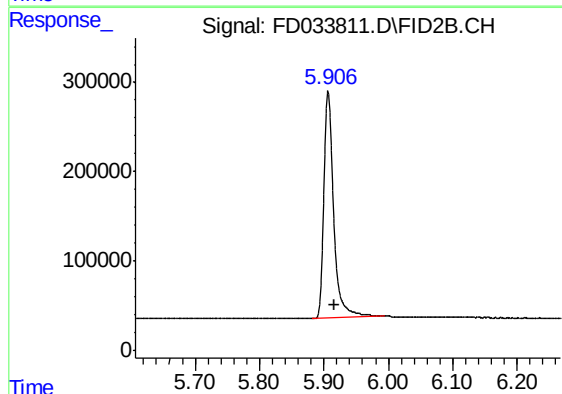
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





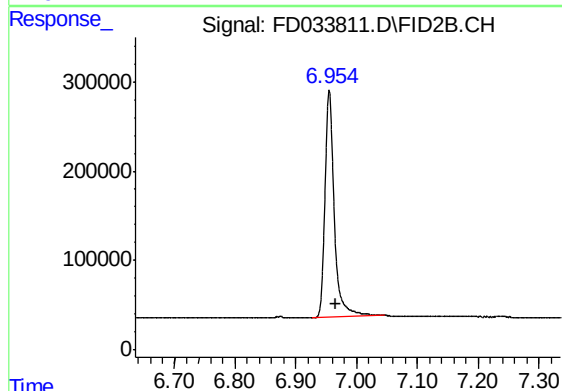
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.373 min
Delta R.T.: -0.006 min
Response: 2685552
Conc: 21.32 ug/ml



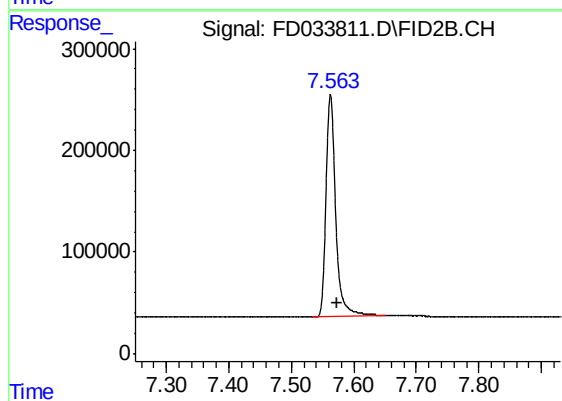
#2 Naphthalene (C11.7)

R.T.: 5.907 min
Delta R.T.: -0.010 min
Response: 2657375
Conc: 21.14 ug/ml



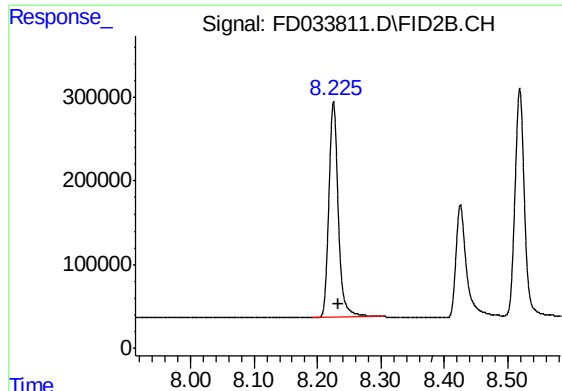
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.955 min
Delta R.T.: -0.010 min
Response: 2698698
Conc: 21.15 ug/ml



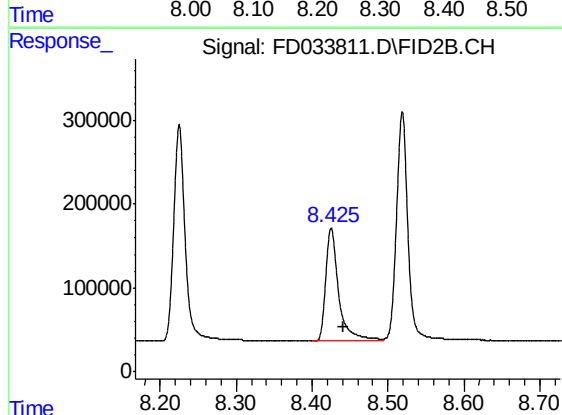
#4 2-Bromonaphthalene (SURR)

R.T.: 7.563 min
Delta R.T.: -0.010 min
Response: 2347622
Conc: 21.24 ug/ml



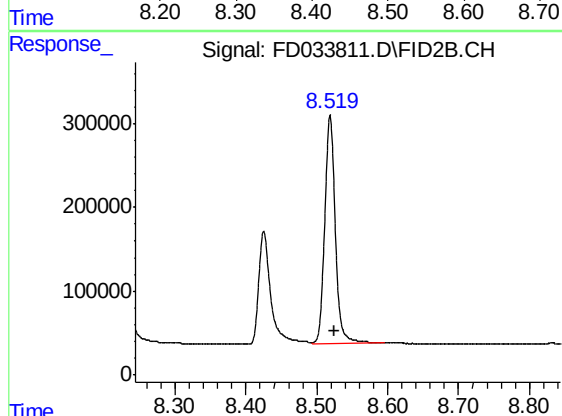
#5 Acenaphthylene (C15.06)

R.T.: 8.225 min
Delta R.T.: -0.008 min
Response: 2685133
Conc: 20.84 ug/ml



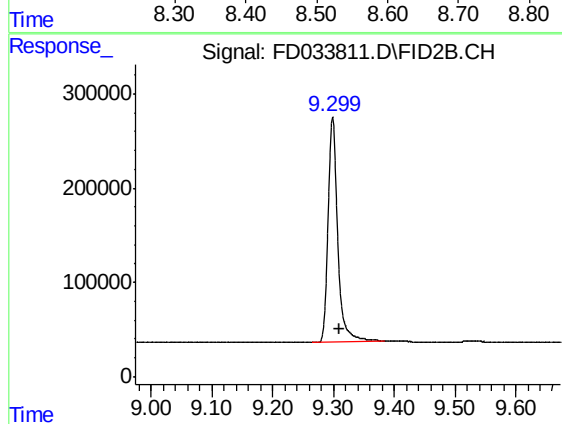
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.425 min
Delta R.T.: -0.016 min
Response: 1584846
Conc: 21.35 ug/ml



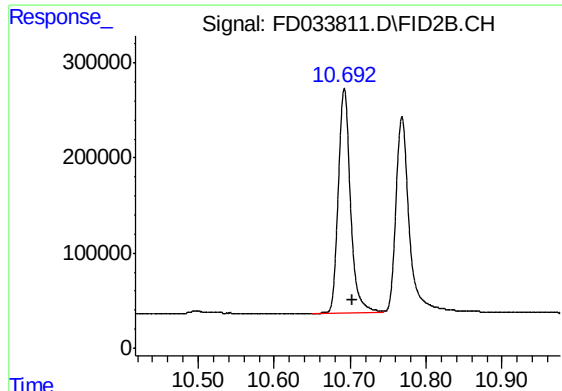
#7 Acenaphthene (C15.5)

R.T.: 8.519 min
Delta R.T.: -0.006 min
Response: 2825237
Conc: 21.11 ug/ml



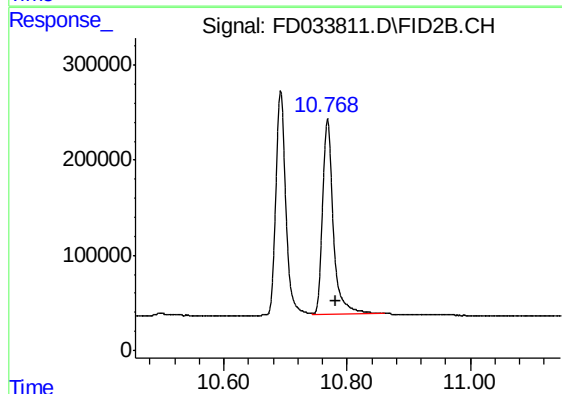
#8 Fluorene (C16.55)

R.T.: 9.299 min
Delta R.T.: -0.011 min
Response: 2624580
Conc: 20.88 ug/ml



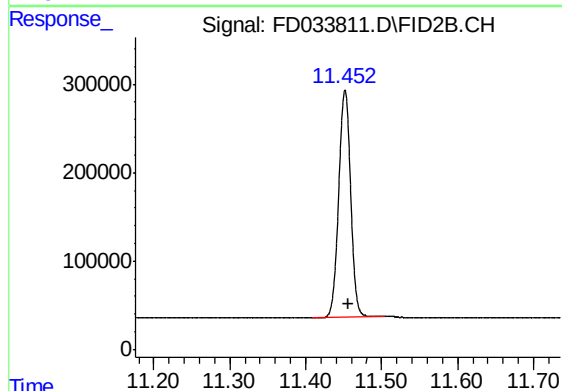
#9 Phenanthrene (C19.36)

R.T.: 10.692 min
Delta R.T.: -0.011 min
Response: 2641424
Conc: 20.57 ug/ml



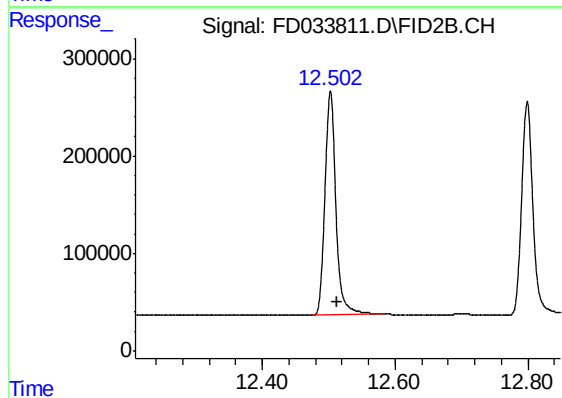
#10 Anthracene (C19.43)

R.T.: 10.768 min
Delta R.T.: -0.013 min
Response: 2497485
Conc: 19.76 ug/ml



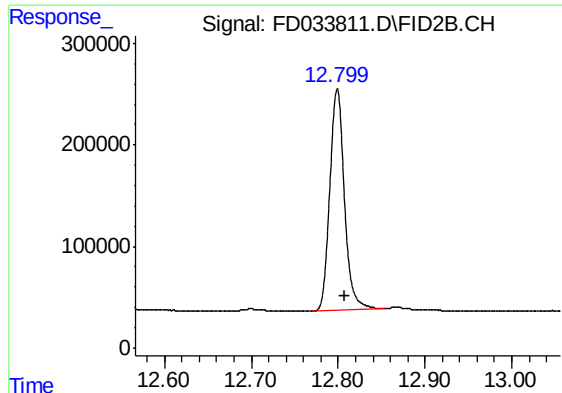
#11 ortho-Terphenyl (SURR)

R.T.: 11.452 min
Delta R.T.: -0.004 min
Response: 2804312
Conc: 20.19 ug/ml



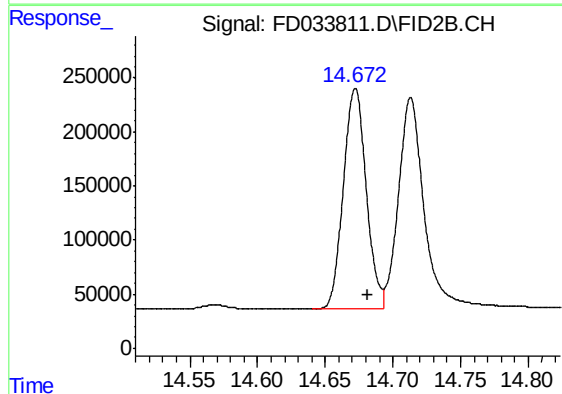
#12 Fluoranthene (C21.85)

R.T.: 12.503 min
Delta R.T.: -0.009 min
Response: 2639824
Conc: 20.05 ug/ml



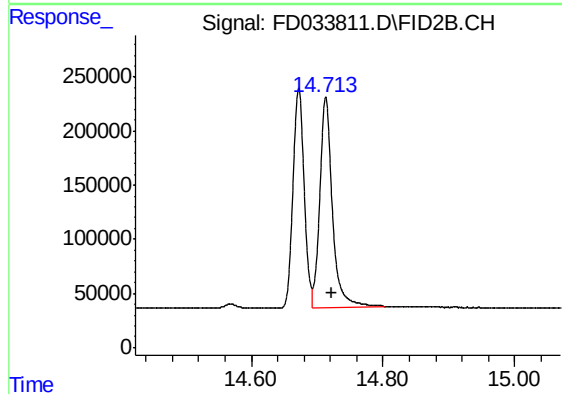
#13 Pyrene (C20.8)

R.T.: 12.799 min
Delta R.T.: -0.008 min
Response: 2550016
Conc: 19.86 ug/ml



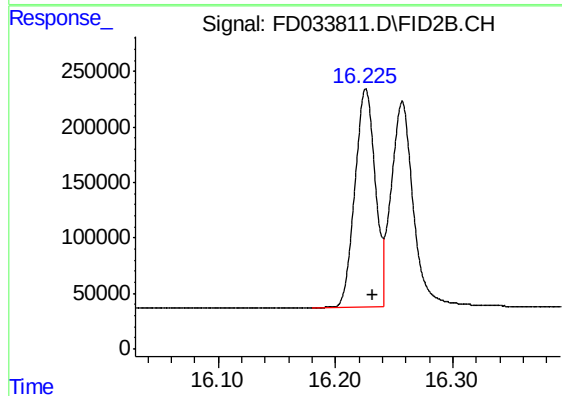
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.672 min
Delta R.T.: -0.009 min
Response: 2377929
Conc: 20.02 ug/ml



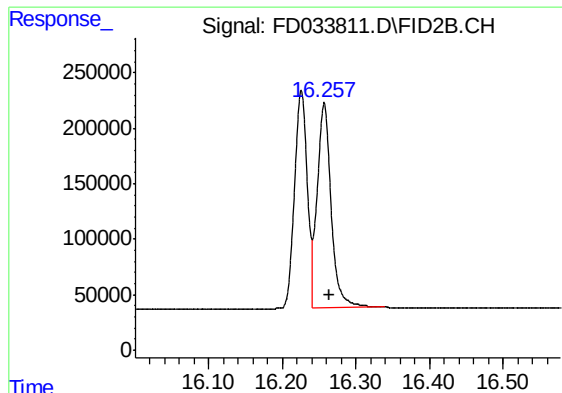
#15 Chrysene (C27.41)

R.T.: 14.713 min
Delta R.T.: -0.009 min
Response: 2564000
Conc: 19.36 ug/ml



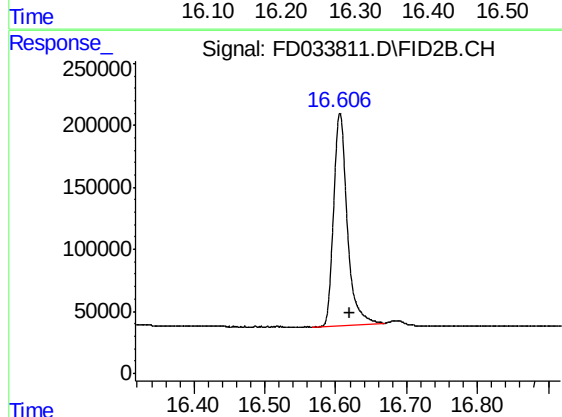
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.226 min
Delta R.T.: -0.006 min
Response: 2358995
Conc: 19.93 ug/ml



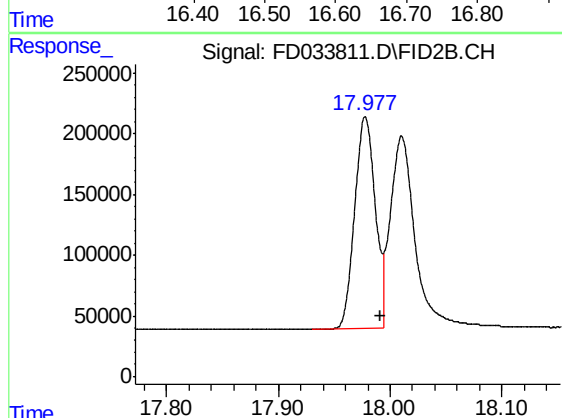
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.257 min
Delta R.T.: -0.007 min
Response: 2448756
Conc: 19.17 ug/ml



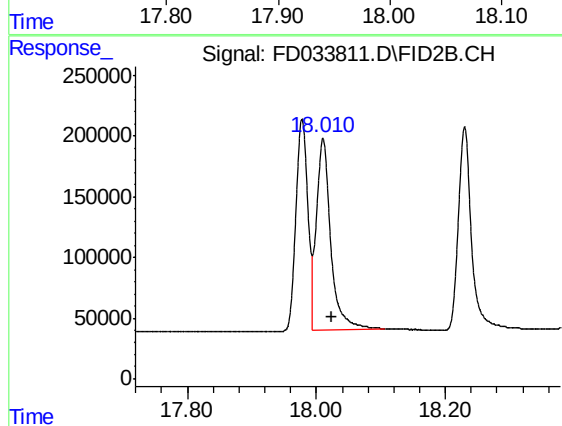
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.606 min
Delta R.T.: -0.013 min
Response: 2275586
Conc: 18.97 ug/ml



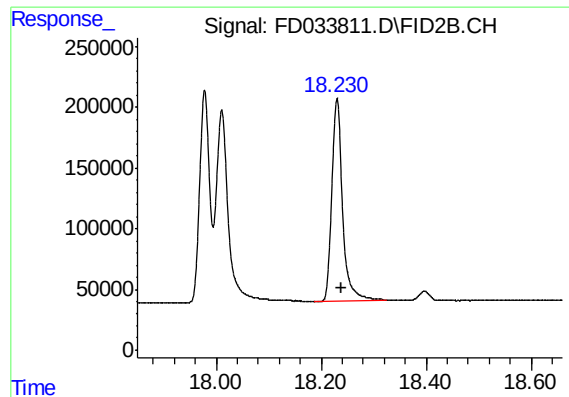
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.978 min
Delta R.T.: -0.013 min
Response: 2218963
Conc: 21.30 ug/ml



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

R.T.: 18.011 min
Delta R.T.: -0.014 min
Response: 2444151
Conc: 19.94 ug/ml



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

R.T.: 18.230 min
Delta R.T.: -0.007 min
Response: 2344759
Conc: 20.82 ug/ml