

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102720AR\
 Data File : FD035162.D
 Signal(s) : FID2B.CH
 Acq On : 27 Oct 2020 14:23
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 27 15:00:34 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102220.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 23 08:22:01 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...	7.645	2345247	20.346 ug/ml
Spiked Amount 50.000		Recovery =	40.69%
6) S 2-Fluorobiphenyl (SURR)	8.510	1619009	20.366 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.73%
11) S ortho-Terphenyl (SURR)	11.548	2681713	20.344 ug/ml
Spiked Amount 50.000		Recovery =	40.69%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.444	2661597	20.465 ug/ml
2) T Naphthalene (C11.7)	5.983	2767616	20.351 ug/ml
3) T 2-Methylnaphthalene (...)	7.035	2765903	20.295 ug/ml
5) T Acenaphthylene (C15.06)	8.312	2664617	20.036 ug/ml
7) T Acenaphthene (C15.5)	8.607	2762174	20.418 ug/ml
8) T Fluorene (C16.55)	9.389	2639424	20.345 ug/ml
9) T Phenanthrene (C19.36)	10.785	2598414	20.502 ug/ml
10) T Anthracene (C19.43)	10.861	2551422	19.963 ug/ml
12) T Fluoranthene (C21.85)	12.597	2567216	20.608 ug/ml
13) T Pyrene (C20.8)	12.894	2470202	20.212 ug/ml
14) T Benzo[a]anthracene (C...	14.765	2211593	20.864 ug/ml
15) T Chrysene (C27.41)	14.807	2429024	20.758 ug/ml
16) T benzo[b]fluoranthene ...	16.315	2157147	21.018 ug/ml
17) T Bnezo[k]fluoranthene ...	16.346	2200554	20.983 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.694	1950835	20.598 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.059	1869165	21.076 ug/ml
20) T Dibenz[a,h]anthracene...	18.097	2162114	21.325 ug/ml
21) T Benzo[g,h,i]perylene ...	18.312	2013459	21.071 ug/ml

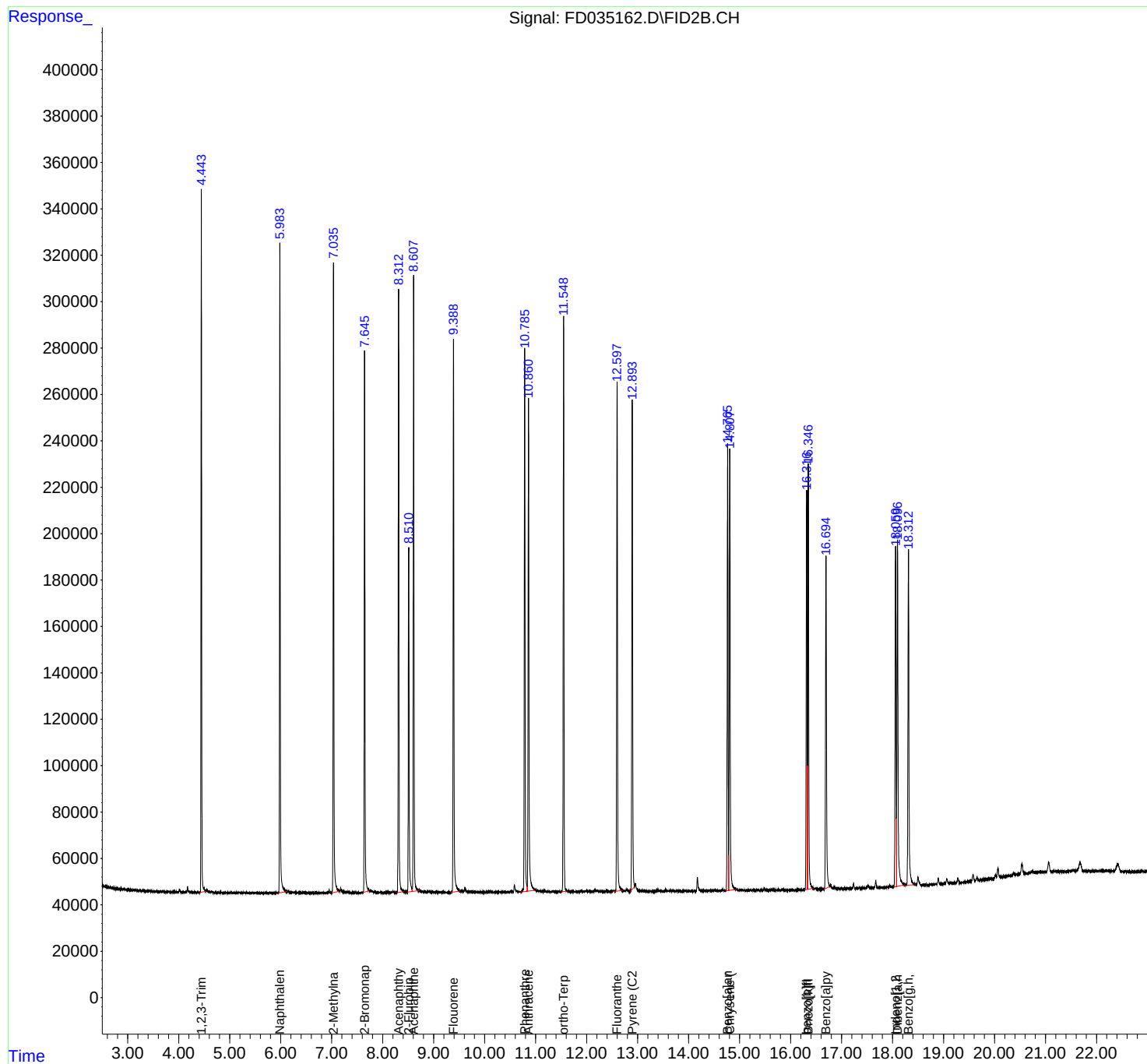
(f)=RT Delta > 1/2 Window

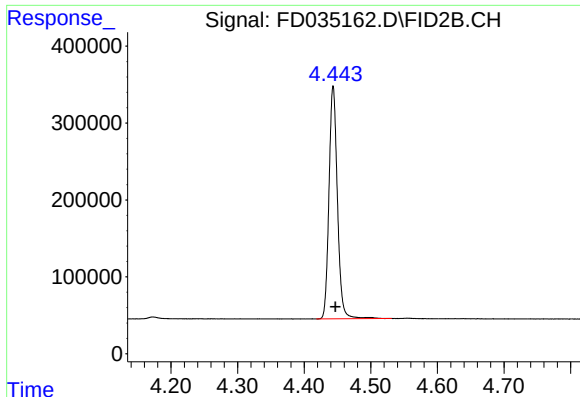
(m)=manual int.

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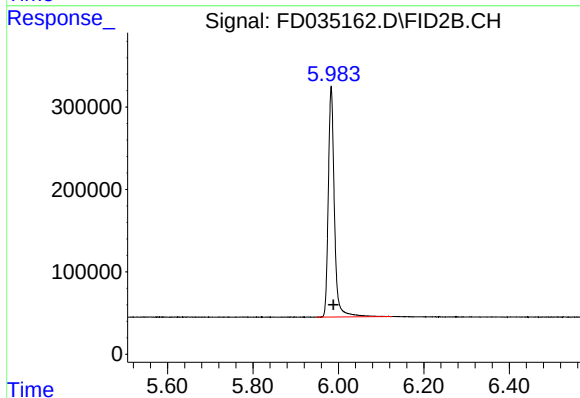
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





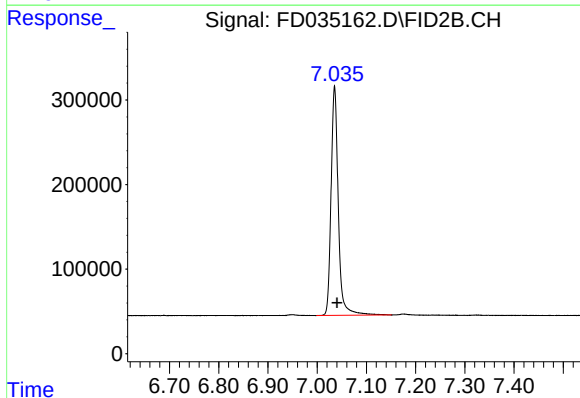
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.444 min
Delta R.T.: -0.003 min
Response: 2661597
Conc: 20.47 ug/ml



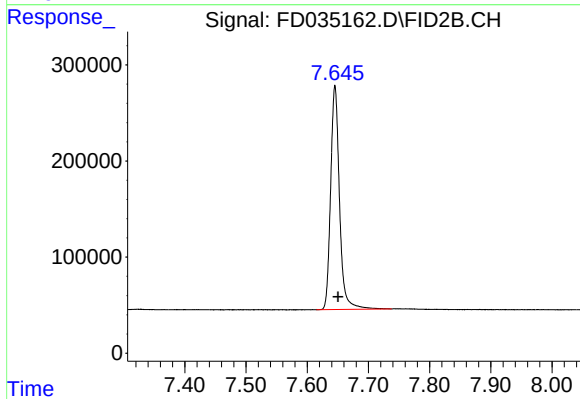
#2 Naphthalene (C11.7)

R.T.: 5.983 min
Delta R.T.: -0.005 min
Response: 2767616
Conc: 20.35 ug/ml



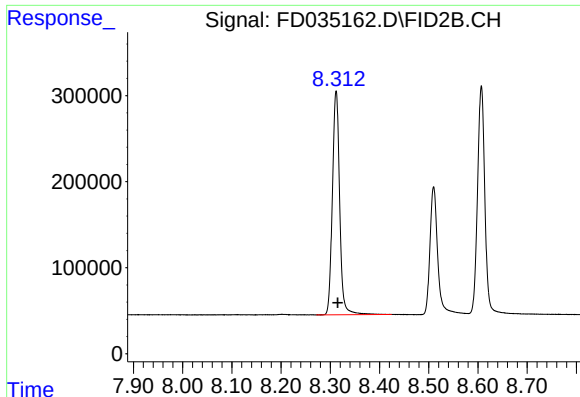
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.035 min
Delta R.T.: -0.005 min
Response: 2765903
Conc: 20.30 ug/ml



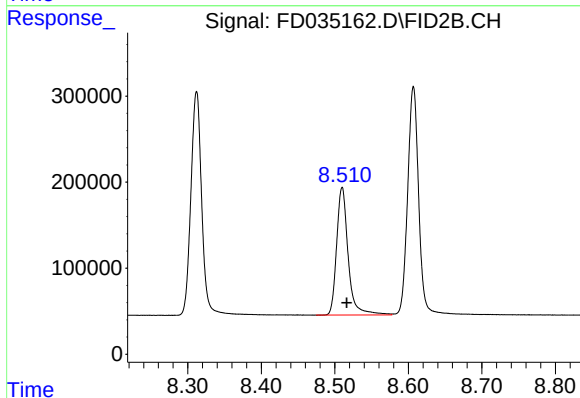
#4 2-Bromonaphthalene (SURR)

R.T.: 7.645 min
Delta R.T.: -0.005 min
Response: 2345247
Conc: 20.35 ug/ml



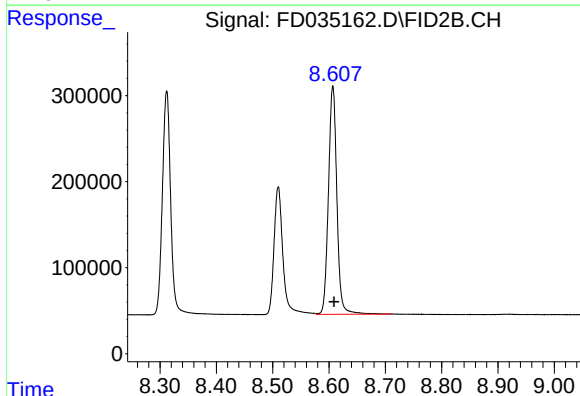
#5 Acenaphthylene (C15.06)

R.T.: 8.312 min
Delta R.T.: -0.003 min
Response: 2664617
Conc: 20.04 ug/ml



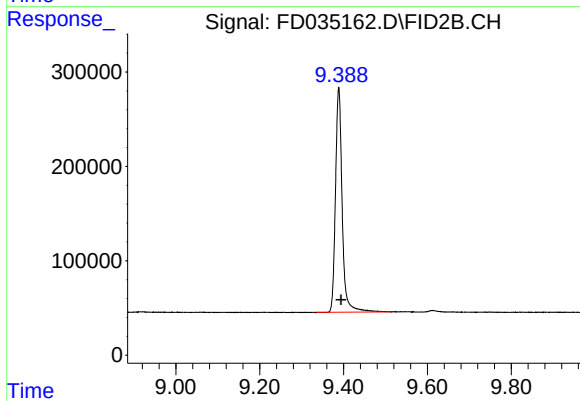
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.510 min
Delta R.T.: -0.006 min
Response: 1619009
Conc: 20.37 ug/ml



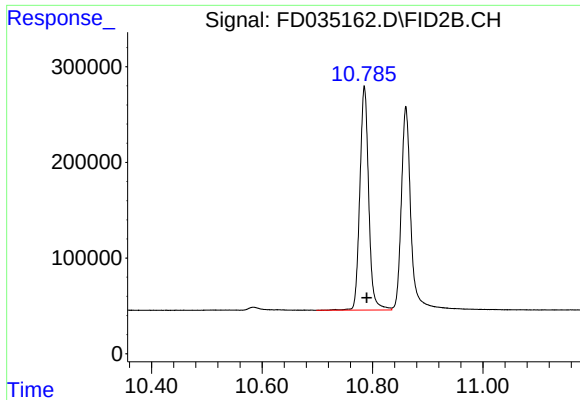
#7 Acenaphthene (C15.5)

R.T.: 8.607 min
Delta R.T.: -0.002 min
Response: 2762174
Conc: 20.42 ug/ml



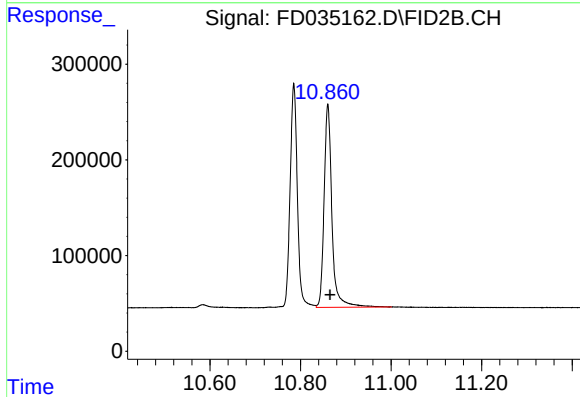
#8 Fluorene (C16.55)

R.T.: 9.389 min
Delta R.T.: -0.005 min
Response: 2639424
Conc: 20.34 ug/ml



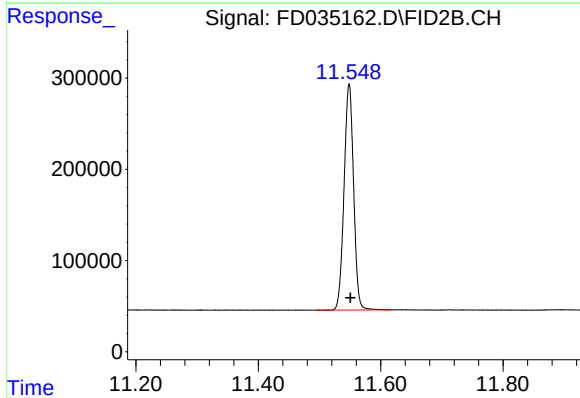
#9 Phenanthrene (C19.36)

R.T.: 10.785 min
Delta R.T.: -0.004 min
Response: 2598414
Conc: 20.50 ug/ml



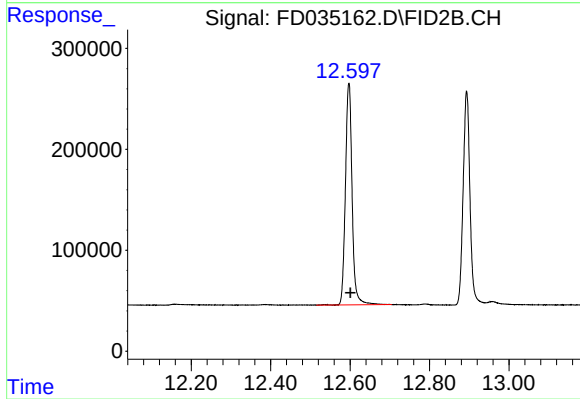
#10 Anthracene (C19.43)

R.T.: 10.861 min
Delta R.T.: -0.005 min
Response: 2551422
Conc: 19.96 ug/ml



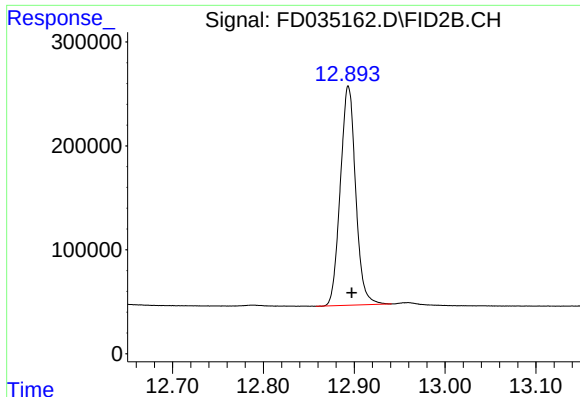
#11 ortho-Terphenyl (SURR)

R.T.: 11.548 min
Delta R.T.: -0.002 min
Response: 2681713
Conc: 20.34 ug/ml



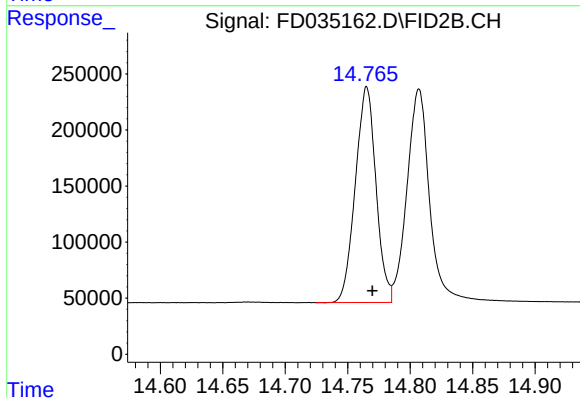
#12 Fluoranthene (C21.85)

R.T.: 12.597 min
Delta R.T.: -0.004 min
Response: 2567216
Conc: 20.61 ug/ml



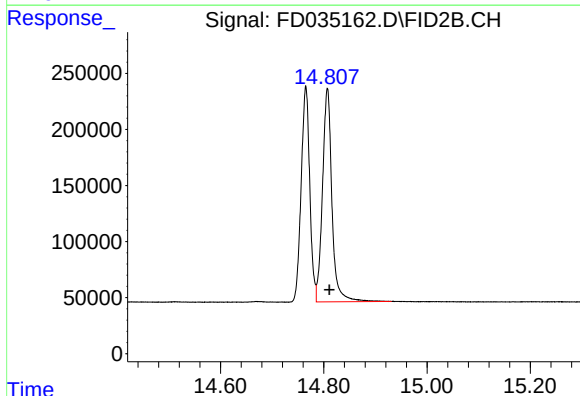
#13 Pyrene (C20.8)

R.T.: 12.894 min
Delta R.T.: -0.004 min
Response: 2470202
Conc: 20.21 ug/ml



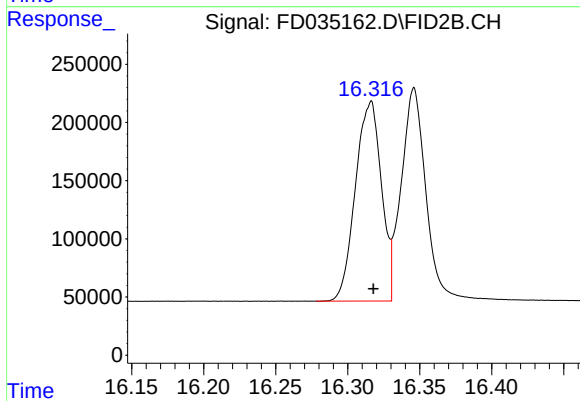
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.765 min
Delta R.T.: -0.005 min
Response: 2211593
Conc: 20.86 ug/ml



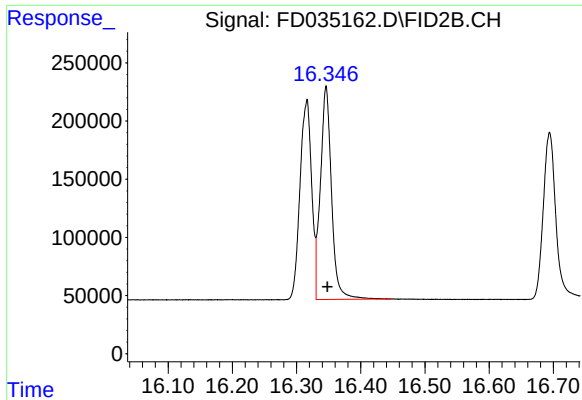
#15 Chrysene (C27.41)

R.T.: 14.807 min
Delta R.T.: -0.004 min
Response: 2429024
Conc: 20.76 ug/ml



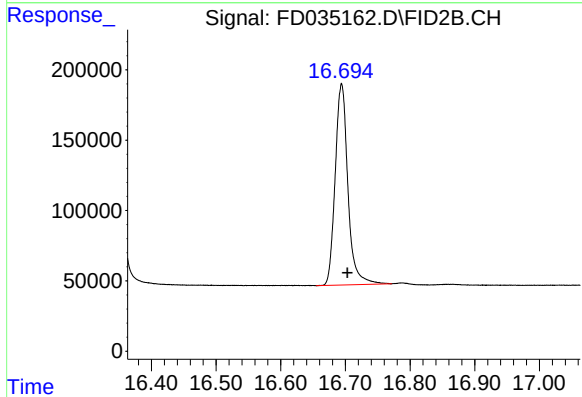
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.315 min
Delta R.T.: -0.002 min
Response: 2157147
Conc: 21.02 ug/ml



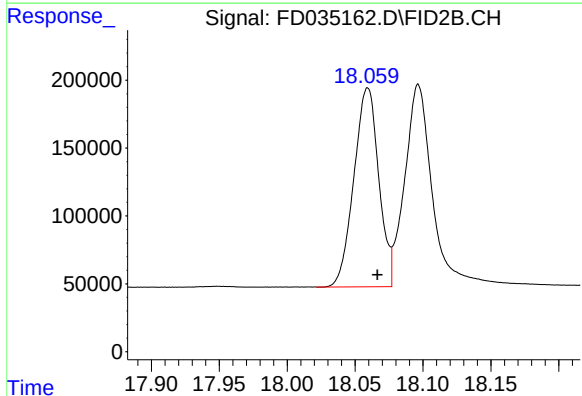
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.346 min
Delta R.T.: -0.002 min
Response: 2200554
Conc: 20.98 ug/ml



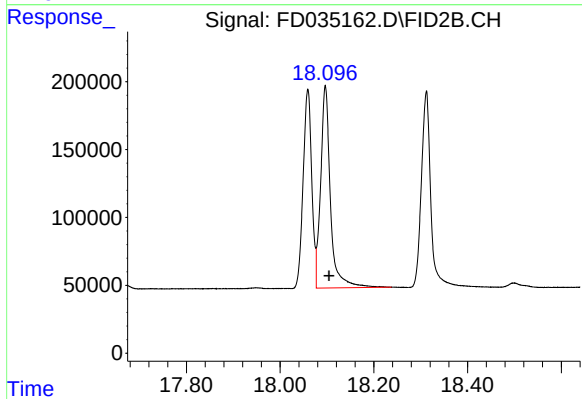
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.694 min
Delta R.T.: -0.009 min
Response: 1950835
Conc: 20.60 ug/ml



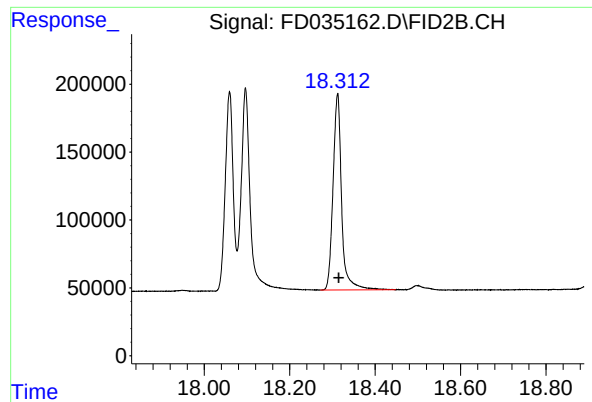
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.059 min
Delta R.T.: -0.007 min
Response: 1869165
Conc: 21.08 ug/ml



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

R.T.: 18.097 min
Delta R.T.: -0.008 min
Response: 2162114
Conc: 21.33 ug/ml



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

R.T.: 18.312 min
Delta R.T.: -0.003 min
Response: 2013459
Conc: 21.07 ug/ml