

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062920AR\
 Data File : FD033829.D
 Signal(s) : FID2B.CH
 Acq On : 29 Jun 2020 14:16
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 30 02:21:29 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...	7.562	2543505	23.012 ug/ml
Spiked Amount 50.000		Recovery =	46.02%
6) S 2-Fluorobiphenyl (SURR)	8.426	1680532	22.641 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.28%
11) S ortho-Terphenyl (SURR)	11.451	3059862	22.031 ug/ml
Spiked Amount 50.000		Recovery =	44.06%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.371	2904560	23.055 ug/ml
2) T Naphthalene (C11.7)	5.906	2887794	22.974 ug/ml
3) T 2-Methylnaphthalene (...)	6.954	2920421	22.892 ug/ml
5) T Acenaphthylene (C15.06)	8.224	2914585	22.623 ug/ml
7) T Acenaphthene (C15.5)	8.518	3055356	22.834 ug/ml
8) T Fluorene (C16.55)	9.299	2832897	22.541 ug/ml
9) T Phenanthrene (C19.36)	10.693	2840903	22.127 ug/ml
10) T Anthracene (C19.43)	10.769	2663882	21.076 ug/ml
12) T Fluoranthene (C21.85)	12.503	2824101	21.446 ug/ml
13) T Pyrene (C20.8)	12.798	2700884	21.030 ug/ml
14) T Benzo[a]anthracene (C...	14.672	2439188	20.540 ug/ml
15) T Chrysene (C27.41)	14.713	2680532	20.243 ug/ml
16) T benzo[b]fluoranthene ...	16.225	2369479	20.018 ug/ml
17) T Bnezo[k]fluoranthene ...	16.256	2505344	19.609 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.606	2386064	19.894 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.978	2097877	20.136 ug/ml
20) T Dibenz[a,h]anthracene...	18.010	2474678	20.187 ug/ml
21) T Benzo[g,h,i]perylene ...	18.228	2321429	20.608 ug/ml

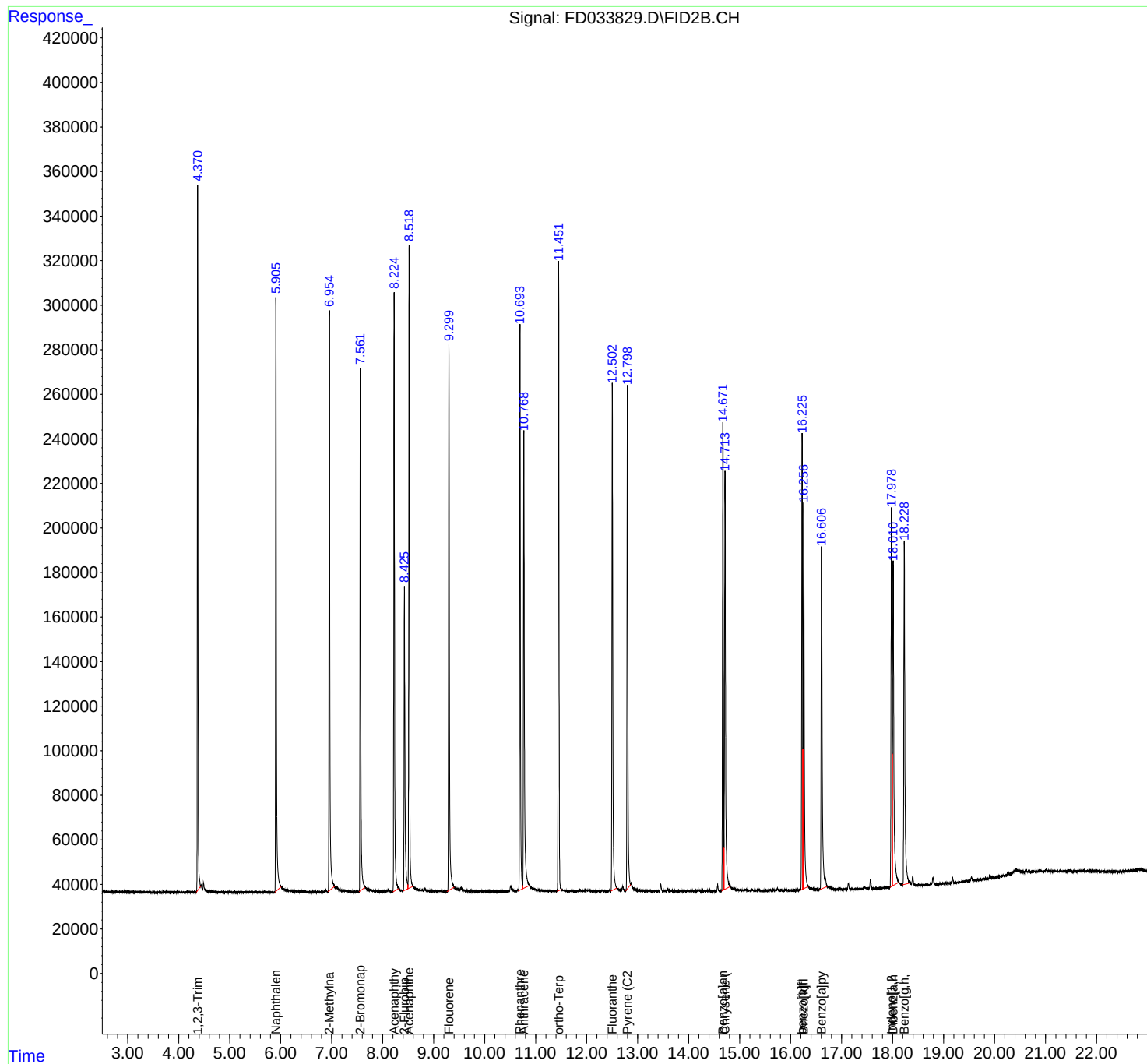
(f)=RT Delta > 1/2 Window

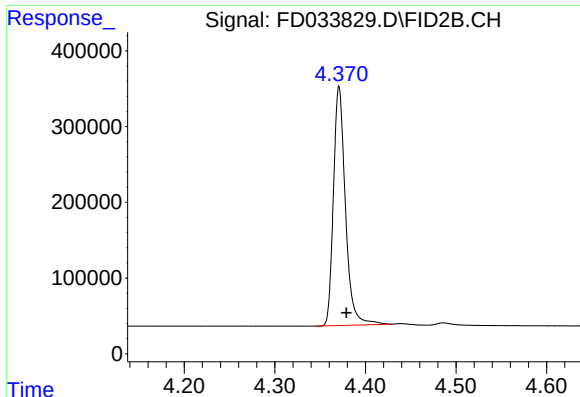
(m)=manual int.

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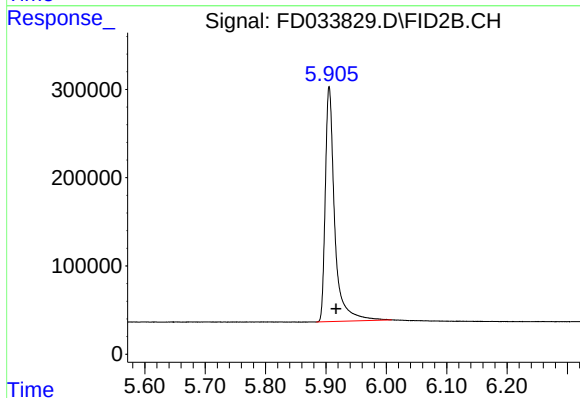
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Signal Info : 20M x 0.18mm x 0.18µm





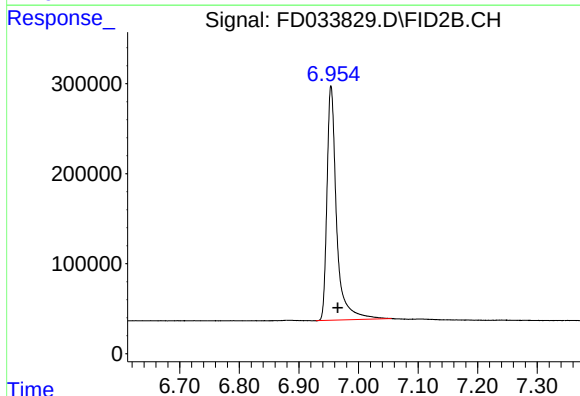
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.371 min
Delta R.T.: -0.008 min
Response: 2904560
Conc: 23.06 ug/ml



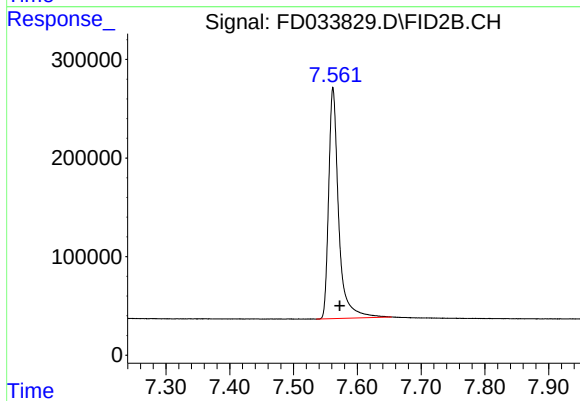
#2 Naphthalene (C11.7)

R.T.: 5.906 min
Delta R.T.: -0.011 min
Response: 2887794
Conc: 22.97 ug/ml



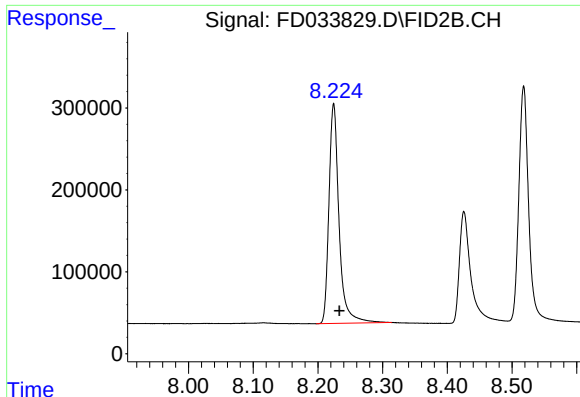
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.954 min
Delta R.T.: -0.011 min
Response: 2920421
Conc: 22.89 ug/ml



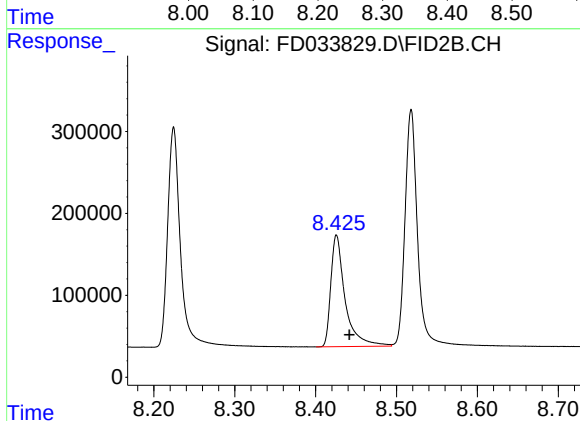
#4 2-Bromonaphthalene (SURR)

R.T.: 7.562 min
Delta R.T.: -0.010 min
Response: 2543505
Conc: 23.01 ug/ml



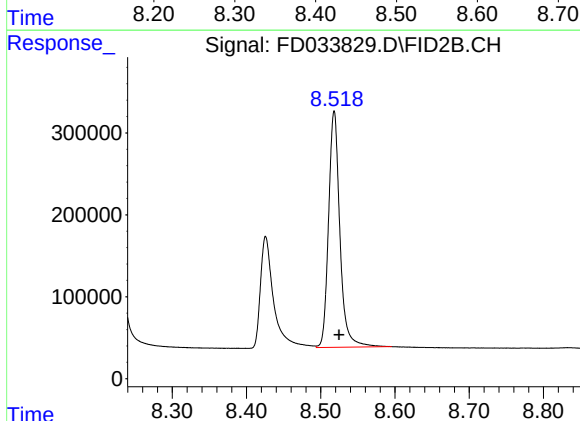
#5 Acenaphthylene (C15.06)

R.T.: 8.224 min
Delta R.T.: -0.009 min
Response: 2914585
Conc: 22.62 ug/ml



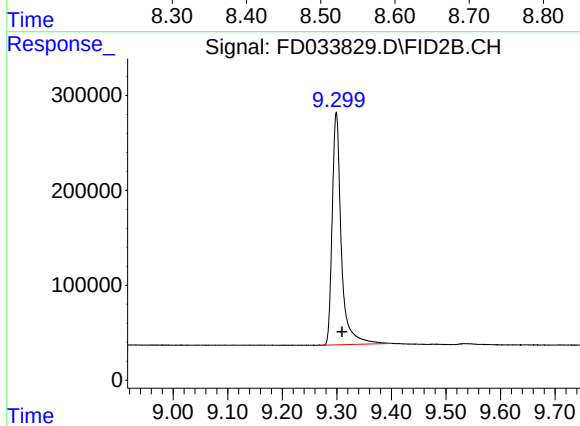
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.426 min
Delta R.T.: -0.016 min
Response: 1680532
Conc: 22.64 ug/ml



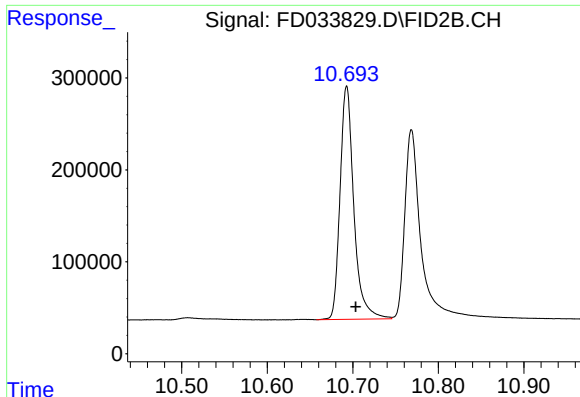
#7 Acenaphthene (C15.5)

R.T.: 8.518 min
Delta R.T.: -0.007 min
Response: 3055356
Conc: 22.83 ug/ml



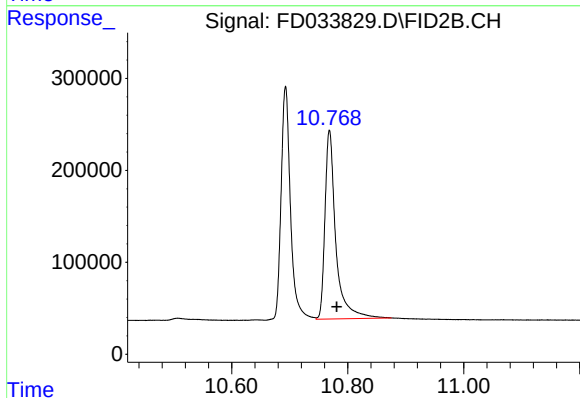
#8 Fluorene (C16.55)

R.T.: 9.299 min
Delta R.T.: -0.010 min
Response: 2832897
Conc: 22.54 ug/ml



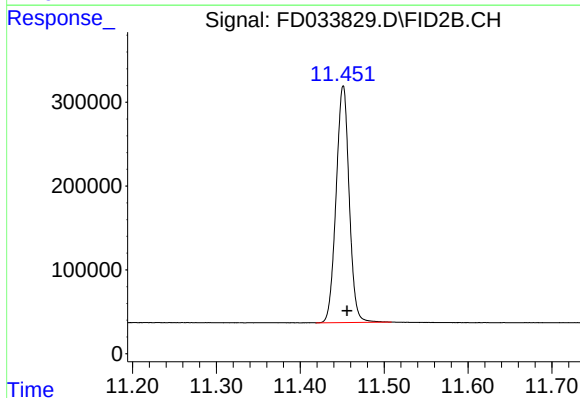
#9 Phenanthrene (C19.36)

R.T.: 10.693 min
Delta R.T.: -0.011 min
Response: 2840903
Conc: 22.13 ug/ml



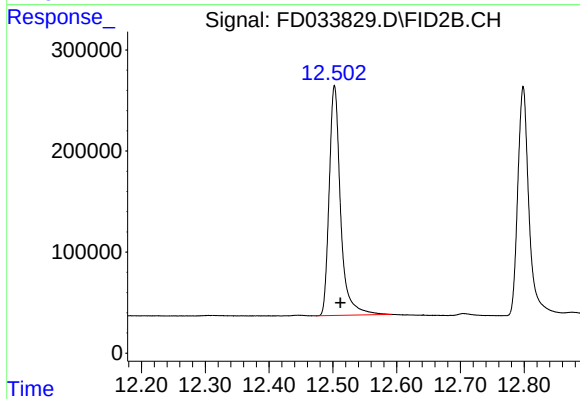
#10 Anthracene (C19.43)

R.T.: 10.769 min
Delta R.T.: -0.013 min
Response: 2663882
Conc: 21.08 ug/ml



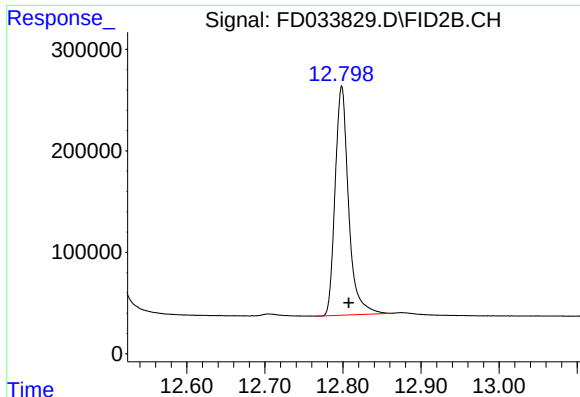
#11 ortho-Terphenyl (SURR)

R.T.: 11.451 min
Delta R.T.: -0.005 min
Response: 3059862
Conc: 22.03 ug/ml



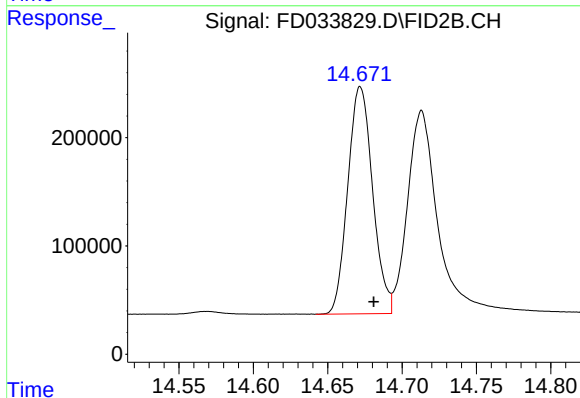
#12 Fluoranthene (C21.85)

R.T.: 12.503 min
Delta R.T.: -0.009 min
Response: 2824101
Conc: 21.45 ug/ml



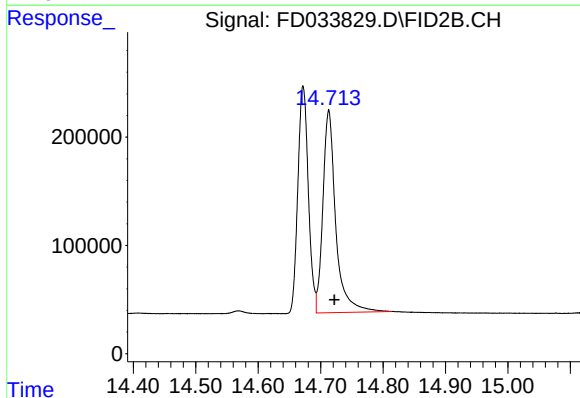
#13 Pyrene (C20.8)

R.T.: 12.798 min
Delta R.T.: -0.009 min
Response: 2700884
Conc: 21.03 ug/ml



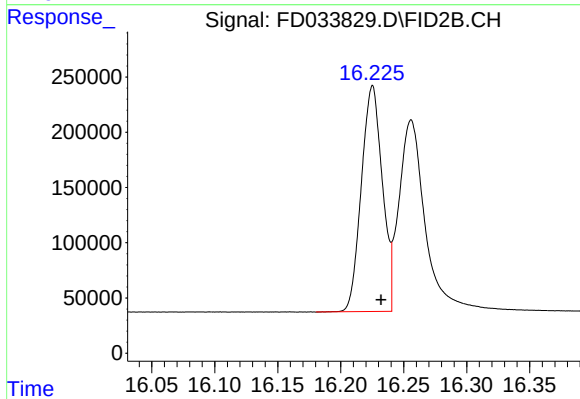
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.672 min
Delta R.T.: -0.009 min
Response: 2439188
Conc: 20.54 ug/ml



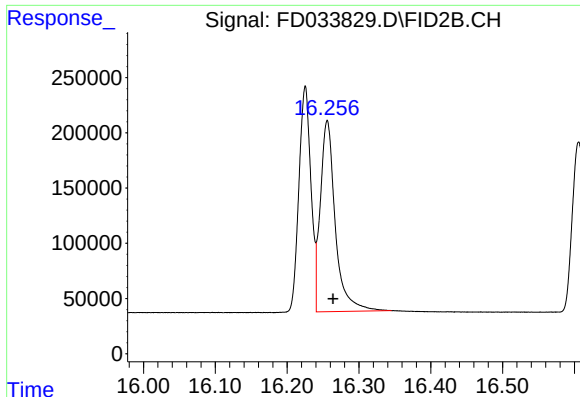
#15 Chrysene (C27.41)

R.T.: 14.713 min
Delta R.T.: -0.009 min
Response: 2680532
Conc: 20.24 ug/ml



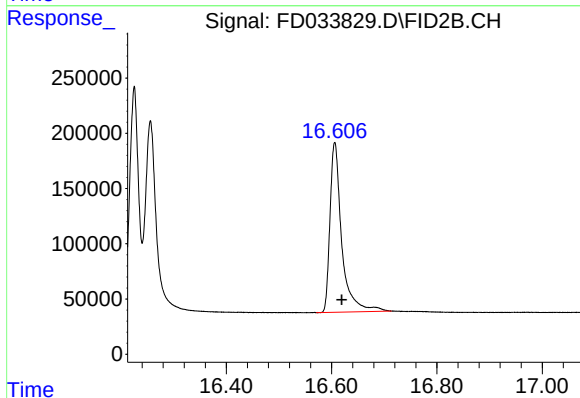
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.225 min
Delta R.T.: -0.007 min
Response: 2369479
Conc: 20.02 ug/ml



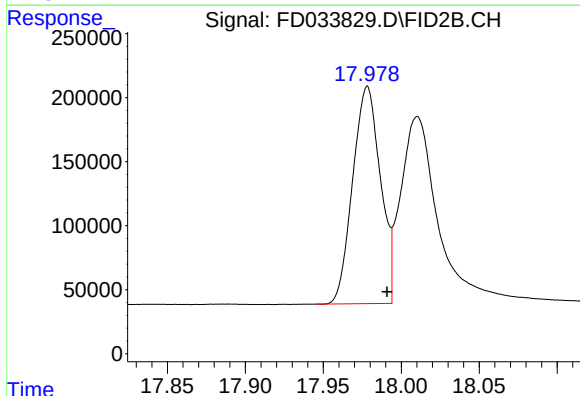
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.256 min
Delta R.T.: -0.008 min
Response: 2505344
Conc: 19.61 ug/ml



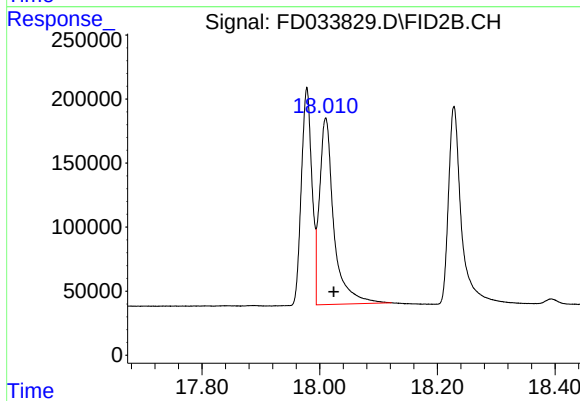
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.606 min
Delta R.T.: -0.014 min
Response: 2386064
Conc: 19.89 ug/ml



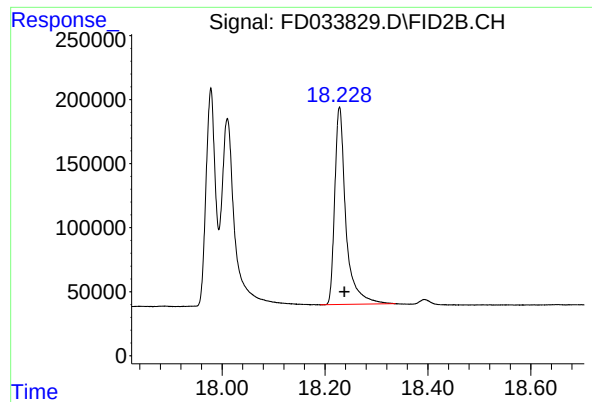
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.978 min
Delta R.T.: -0.013 min
Response: 2097877
Conc: 20.14 ug/ml



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

R.T.: 18.010 min
Delta R.T.: -0.014 min
Response: 2474678
Conc: 20.19 ug/ml



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

R.T.: 18.228 min
Delta R.T.: -0.009 min
Response: 2321429
Conc: 20.61 ug/ml