

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091820AR\
 Data File : FD034777.D
 Signal(s) : FID2B.CH
 Acq On : 19 Sep 2020 6:32
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 19 07:10:51 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 083120.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 01 02:30:57 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...	7.683	2146986	20.933 ug/ml
Spiked Amount 50.000		Recovery =	41.87%
6) S 2-Fluorobiphenyl (SURR)	8.550	1492576	20.744 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.49%
11) S ortho-Terphenyl (SURR)	11.590	2453007	20.476 ug/ml
Spiked Amount 50.000		Recovery =	40.95%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.477	2444135	21.588 ug/ml
2) T Naphthalene (C11.7)	6.021	2462910	21.101 ug/ml
3) T 2-Methylnaphthalene (...)	7.074	2476369	20.967 ug/ml
5) T Acenaphthylene (C15.06)	8.352	2396929	20.509 ug/ml
7) T Acenaphthene (C15.5)	8.647	2460530	20.680 ug/ml
8) T Fluorene (C16.55)	9.429	2370255	20.557 ug/ml
9) T Phenanthrene (C19.36)	10.827	2389995	20.498 ug/ml
10) T Anthracene (C19.43)	10.901	2092680	18.370 ug/ml
12) T Fluoranthene (C21.85)	12.640	2358008	20.221 ug/ml
13) T Pyrene (C20.8)	12.938	2289090	20.171 ug/ml
14) T Benzo[a]anthracene (C...	14.810	2221658	20.130 ug/ml
15) T Chrysene (C27.41)	14.852	2273689	20.356 ug/ml
16) T benzo[b]fluoranthene ...	16.393	2220623	20.732 ug/ml
17) T Bnezo[k]fluoranthene ...	16.393	2220623	20.942 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.740	2218394	21.066 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.143	2271040	22.418 ug/ml
20) T Dibenz[a,h]anthracene...	18.143	2271040	22.352 ug/ml
21) T Benzo[g,h,i]perylene ...	18.361	2230865	22.094 ug/ml

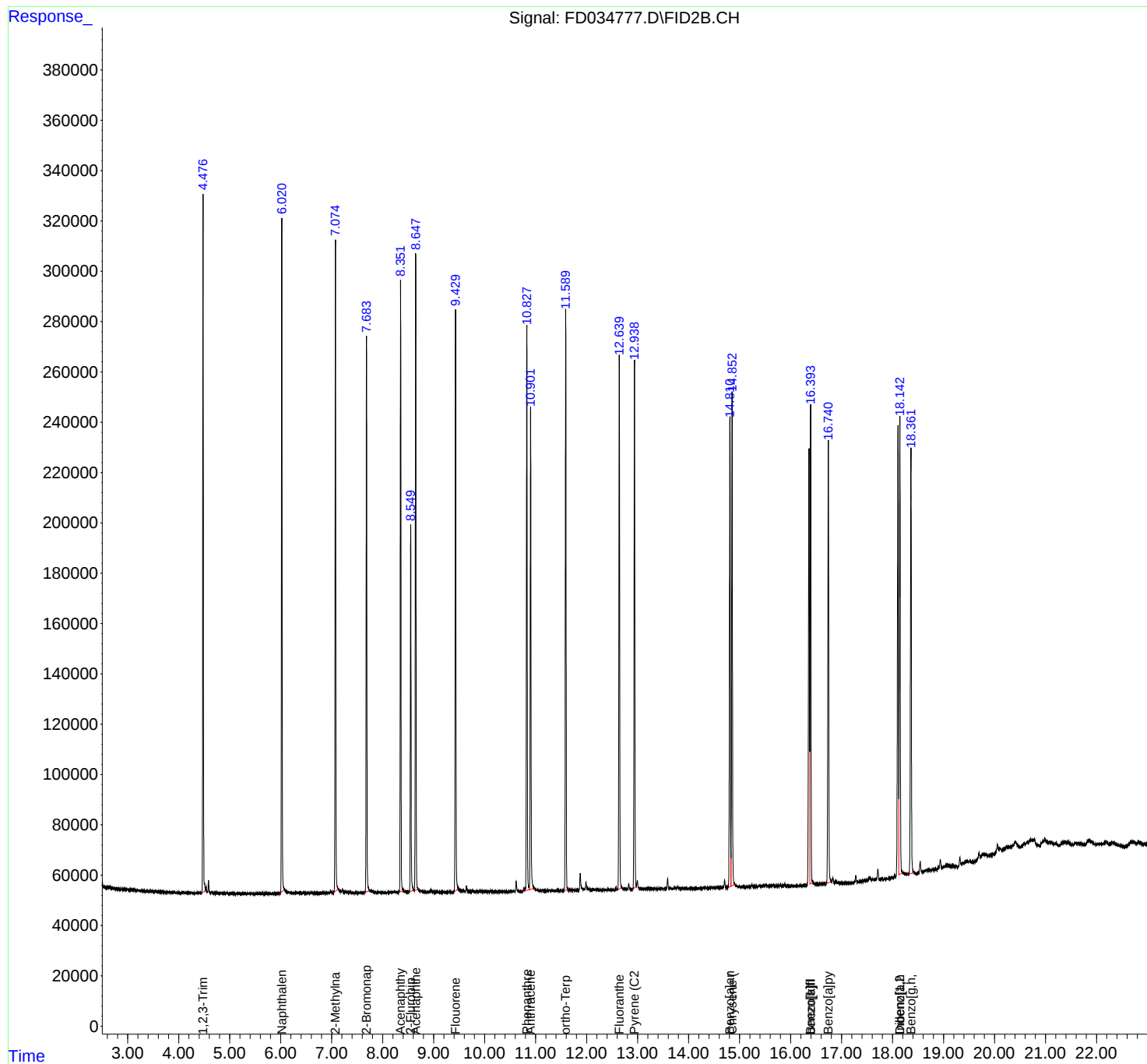
(f)=RT Delta > 1/2 Window

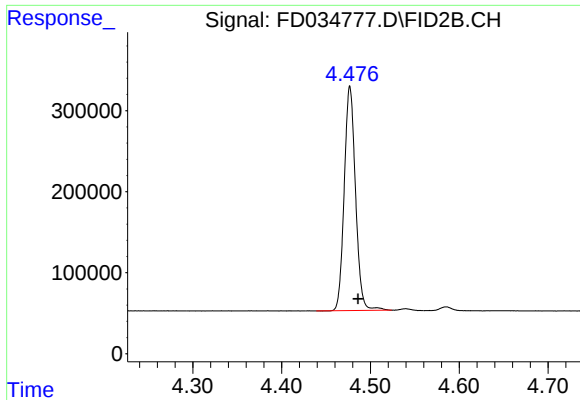
(m)=manual int.

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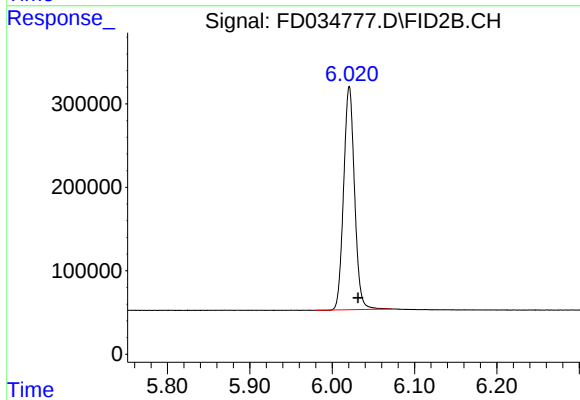
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





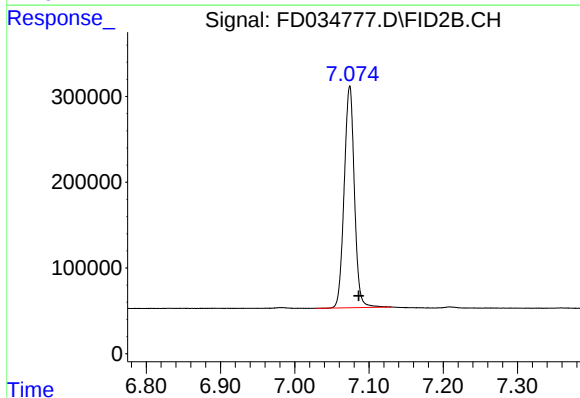
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.477 min
Delta R.T.: -0.009 min
Response: 2444135
Conc: 21.59 ug/ml



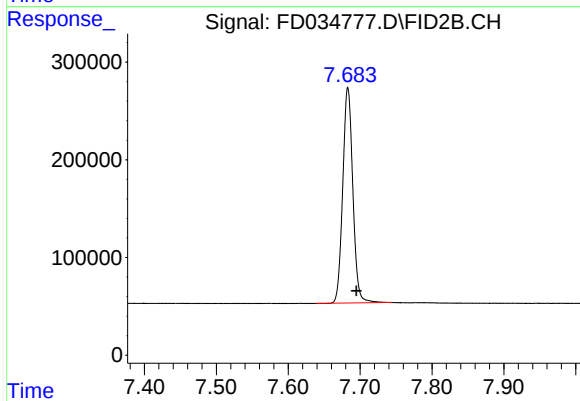
#2 Naphthalene (C11.7)

R.T.: 6.021 min
Delta R.T.: -0.011 min
Response: 2462910
Conc: 21.10 ug/ml



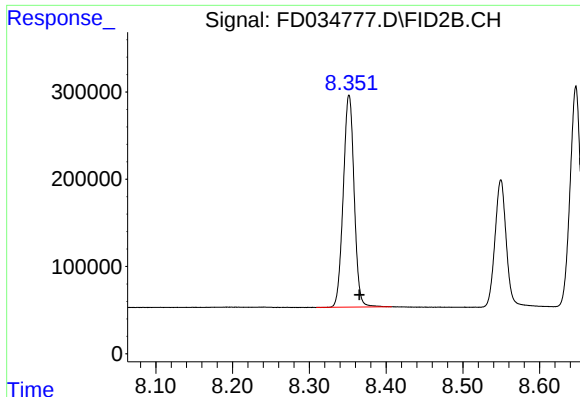
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.074 min
Delta R.T.: -0.012 min
Response: 2476369
Conc: 20.97 ug/ml



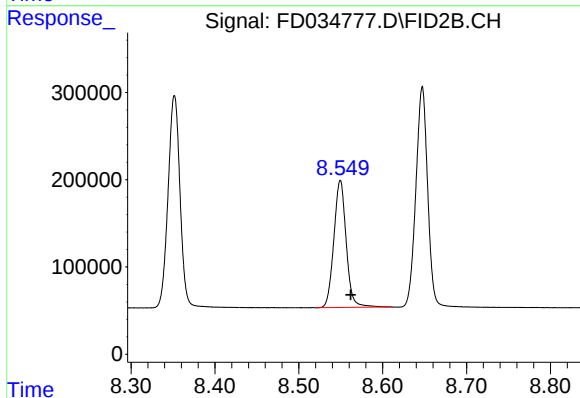
#4 2-Bromonaphthalene (SURR)

R.T.: 7.683 min
Delta R.T.: -0.012 min
Response: 2146986
Conc: 20.93 ug/ml



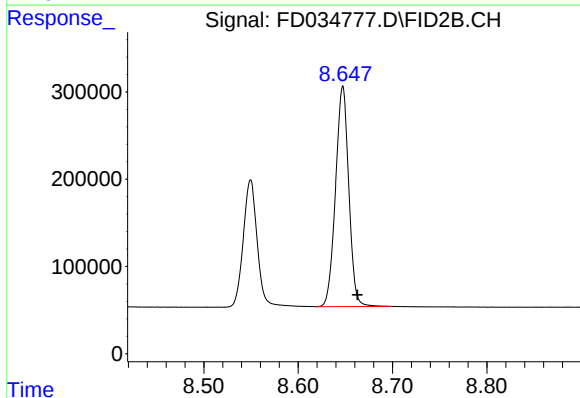
#5 Acenaphthylene (C15.06)

R.T.: 8.352 min
Delta R.T.: -0.013 min
Response: 2396929
Conc: 20.51 ug/ml



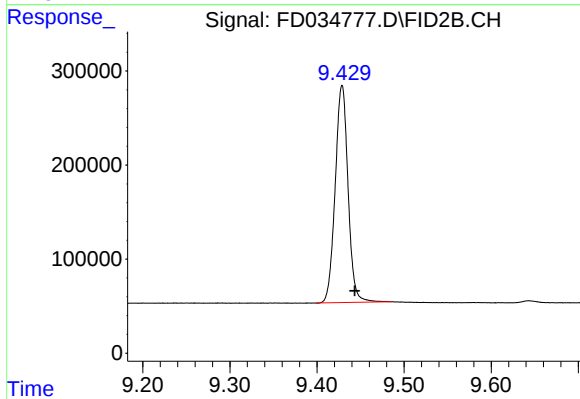
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.550 min
Delta R.T.: -0.012 min
Response: 1492576
Conc: 20.74 ug/ml



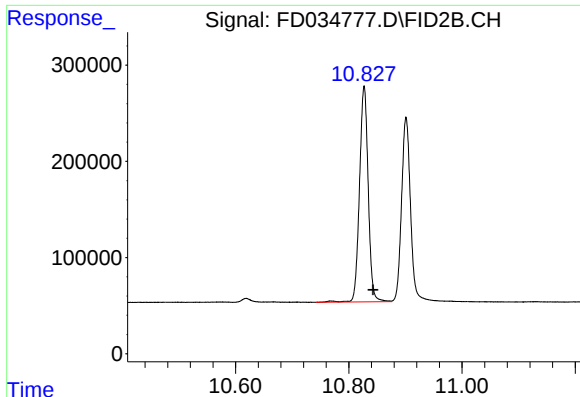
#7 Acenaphthene (C15.5)

R.T.: 8.647 min
Delta R.T.: -0.016 min
Response: 2460530
Conc: 20.68 ug/ml



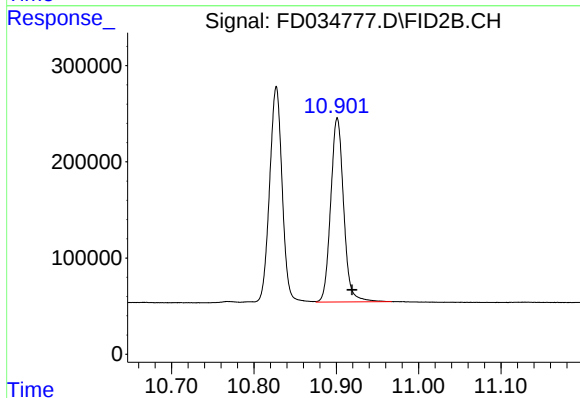
#8 Flouorene (C16.55)

R.T.: 9.429 min
Delta R.T.: -0.015 min
Response: 2370255
Conc: 20.56 ug/ml



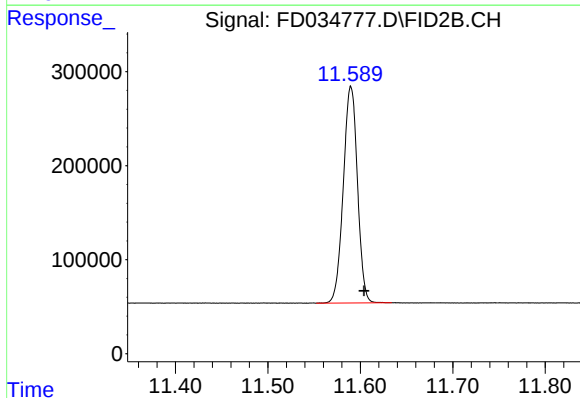
#9 Phenanthrene (C19.36)

R.T.: 10.827 min
Delta R.T.: -0.016 min
Response: 2389995
Conc: 20.50 ug/ml



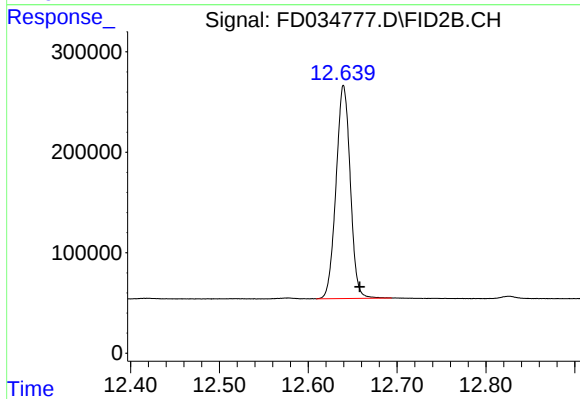
#10 Anthracene (C19.43)

R.T.: 10.901 min
Delta R.T.: -0.018 min
Response: 2092680
Conc: 18.37 ug/ml



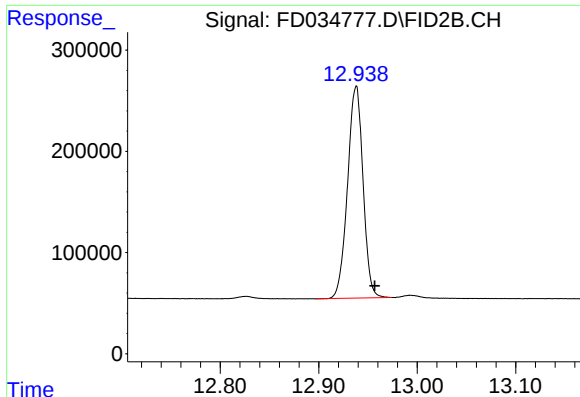
#11 ortho-Terphenyl (SURR)

R.T.: 11.590 min
Delta R.T.: -0.014 min
Response: 2453007
Conc: 20.48 ug/ml



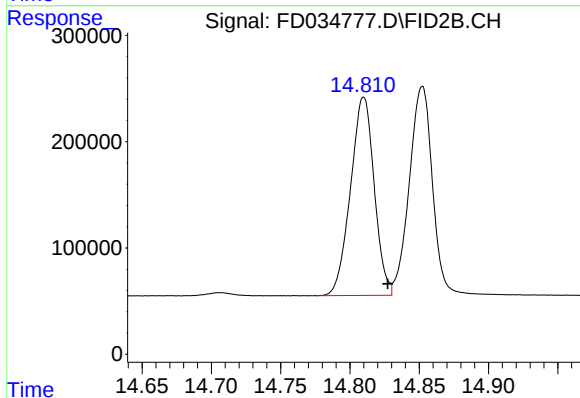
#12 Fluoranthene (C21.85)

R.T.: 12.640 min
Delta R.T.: -0.018 min
Response: 2358008
Conc: 20.22 ug/ml



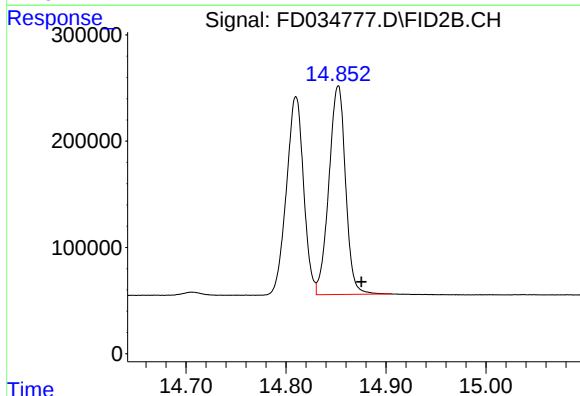
#13 Pyrene (C20.8)

R.T.: 12.938 min
Delta R.T.: -0.019 min
Response: 2289090
Conc: 20.17 ug/ml



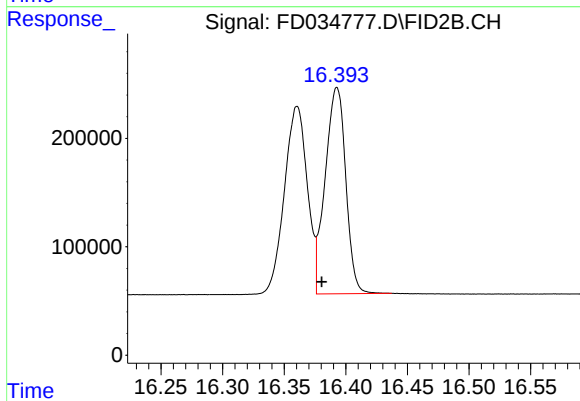
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.810 min
Delta R.T.: -0.017 min
Response: 2221658
Conc: 20.13 ug/ml



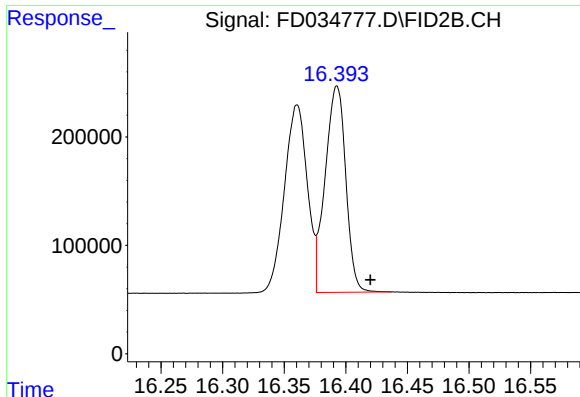
#15 Chrysene (C27.41)

R.T.: 14.852 min
Delta R.T.: -0.023 min
Response: 2273689
Conc: 20.36 ug/ml



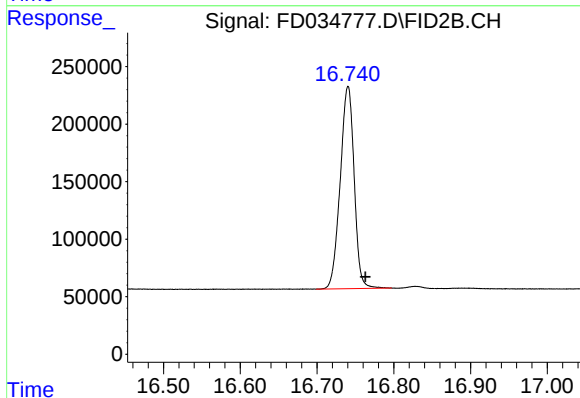
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.393 min
Delta R.T.: 0.012 min
Response: 2220623
Conc: 20.73 ug/ml



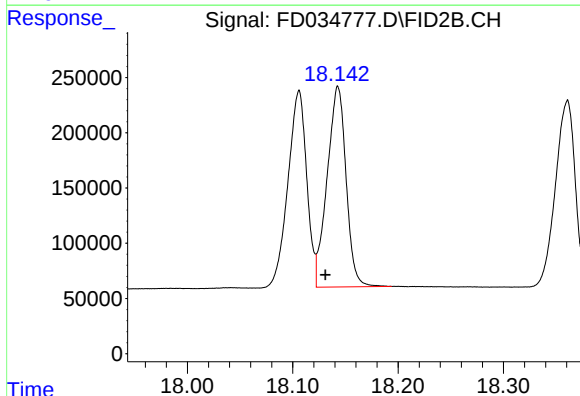
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.393 min
Delta R.T.: -0.027 min
Response: 2220623
Conc: 20.94 ug/ml



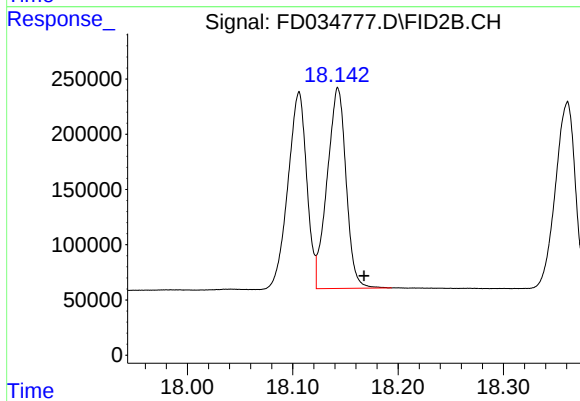
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.740 min
Delta R.T.: -0.023 min
Response: 2218394
Conc: 21.07 ug/ml



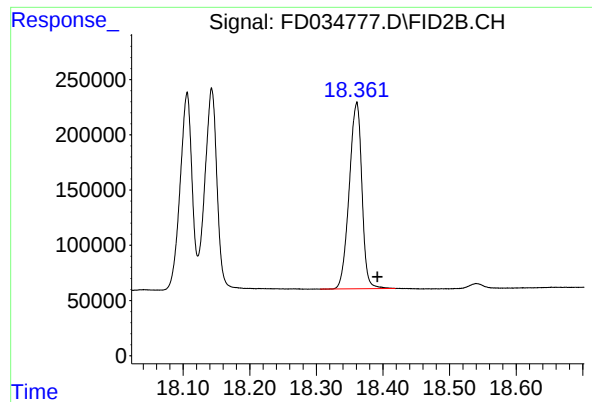
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.143 min
Delta R.T.: 0.012 min
Response: 2271040
Conc: 22.42 ug/ml



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

R.T.: 18.143 min
Delta R.T.: -0.025 min
Response: 2271040
Conc: 22.35 ug/ml



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

R.T.: 18.361 min
Delta R.T.: -0.031 min
Response: 2230865
Conc: 22.09 ug/ml