

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091820AR\
 Data File : FD034773.D
 Signal(s) : FID2B.CH
 Acq On : 19 Sep 2020 4:06
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Sep 19 07:10:01 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	2131629	20.783 ug/ml
Spiked Amount 50.000		Recovery =	41.57%
6) S 2-Fluorobiphenyl (SURR)	8.549	1485077	20.640 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.28%
11) S ortho-Terphenyl (SURR)	11.590	2440723	20.373 ug/ml
Spiked Amount 50.000		Recovery =	40.75%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.477	2435580	21.513 ug/ml
2) T Naphthalene (C11.7)	6.021	2451116	21.000 ug/ml
3) T 2-Methylnaphthalene (...)	7.074	2466385	20.883 ug/ml
5) T Acenaphthylene (C15.06)	8.352	2379389	20.359 ug/ml
7) T Acenaphthene (C15.5)	8.647	2444991	20.550 ug/ml
8) T Flouorene (C16.55)	9.428	2357947	20.451 ug/ml
9) T Phenanthrene (C19.36)	10.827	2374351	20.364 ug/ml
10) T Anthracene (C19.43)	10.901	2080955	18.267 ug/ml
12) T Fluoranthene (C21.85)	12.640	2347668	20.132 ug/ml
13) T Pyrene (C20.8)	12.938	2276663	20.061 ug/ml
14) T Benzo[a]anthracene (C...	14.808	2210315	20.028 ug/ml
15) T Chrysene (C27.41)	14.851	2266891	20.295 ug/ml
16) T benzo[b]fluoranthene ...	16.393	2199126	20.531 ug/ml
17) T Bnezo[k]fluoranthene ...	16.393	2199126	20.740 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.740	2208977	20.976 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.143	2251043	22.221 ug/ml
20) T Dibenz[a,h]anthracene...	18.143	2251043	22.155 ug/ml
21) T Benzo[g,h,i]perylene ...	18.361	2227160	22.057 ug/ml

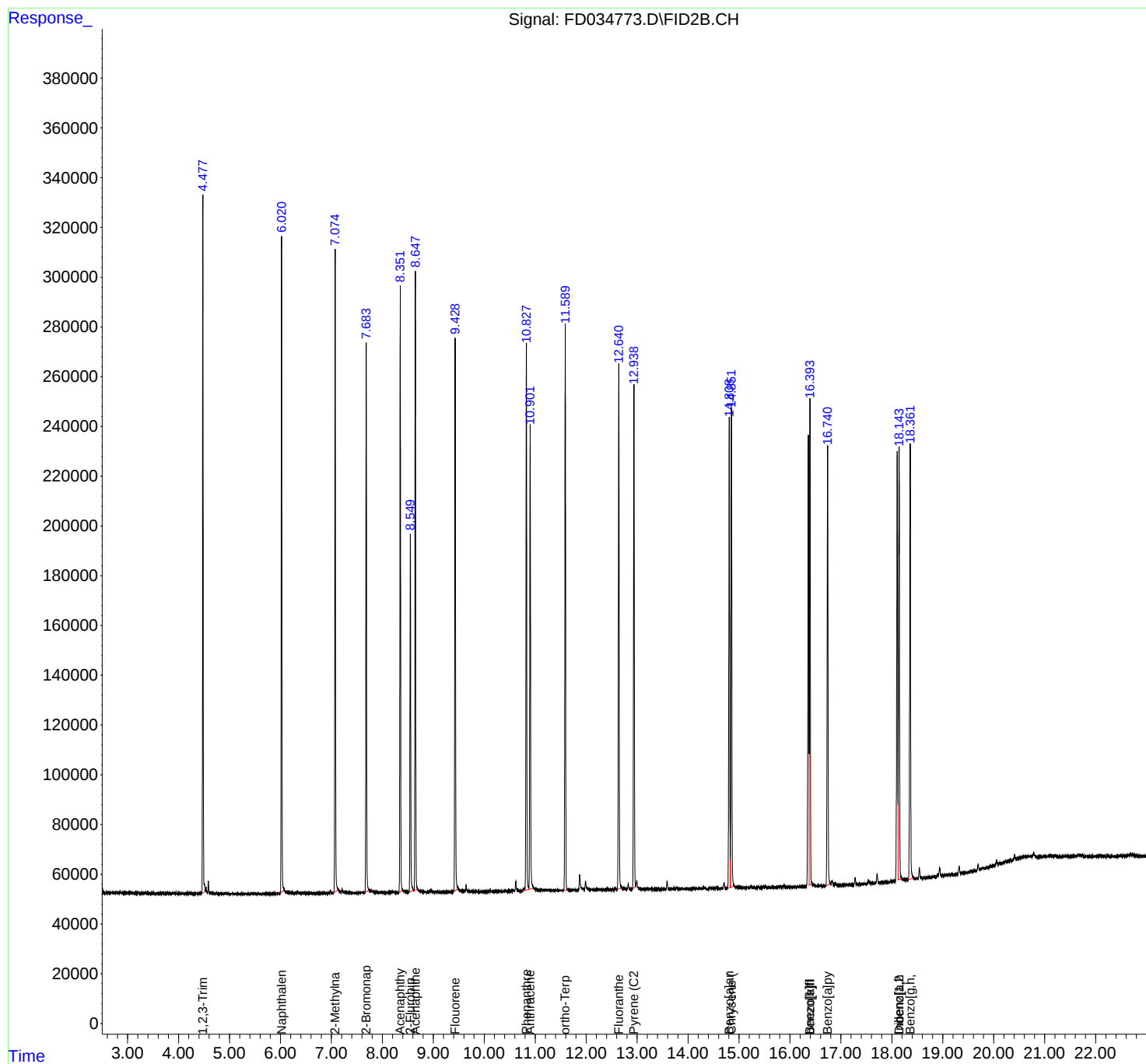
(f)=RT Delta > 1/2 Window

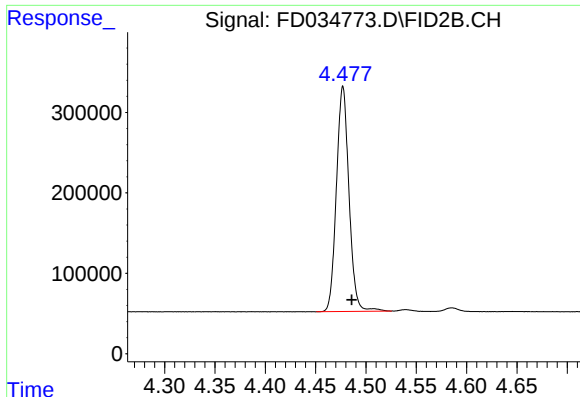
(m)=manual int.

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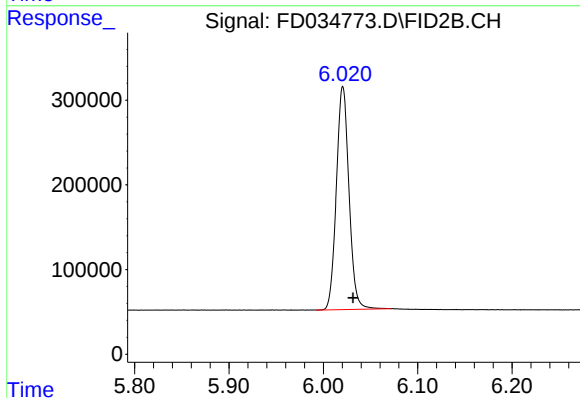
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





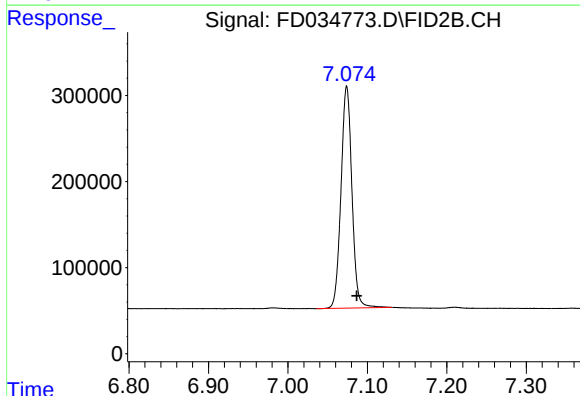
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.477 min
Delta R.T.: -0.009 min
Response: 2435580
Conc: 21.51 ug/ml



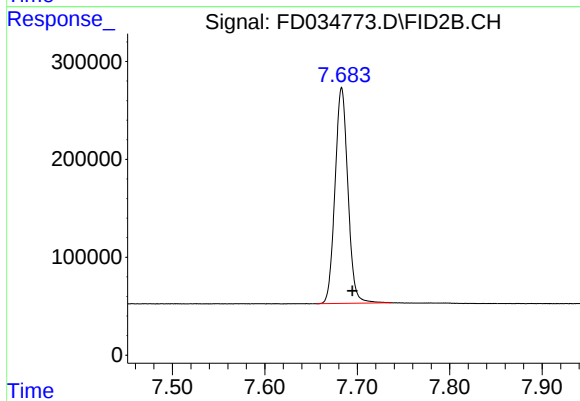
#2 Naphthalene (C11.7)

R.T.: 6.021 min
Delta R.T.: -0.011 min
Response: 2451116
Conc: 21.00 ug/ml



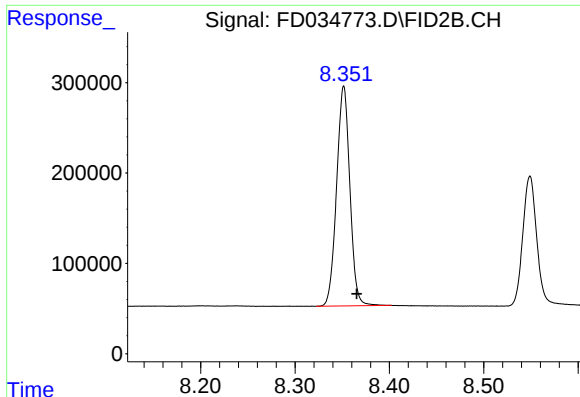
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.074 min
Delta R.T.: -0.012 min
Response: 2466385
Conc: 20.88 ug/ml



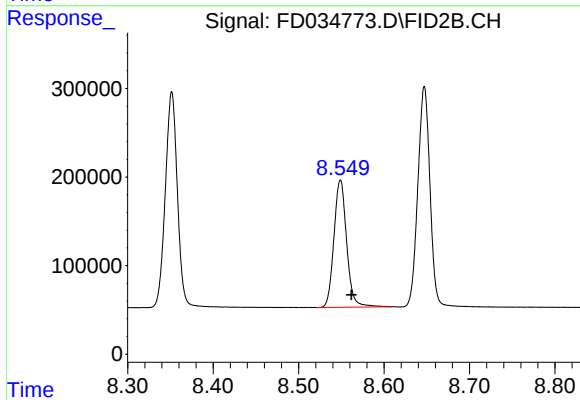
#4 2-Bromonaphthalene (SURR)

R.T.: 7.683 min
Delta R.T.: -0.012 min
Response: 2131629
Conc: 20.78 ug/ml



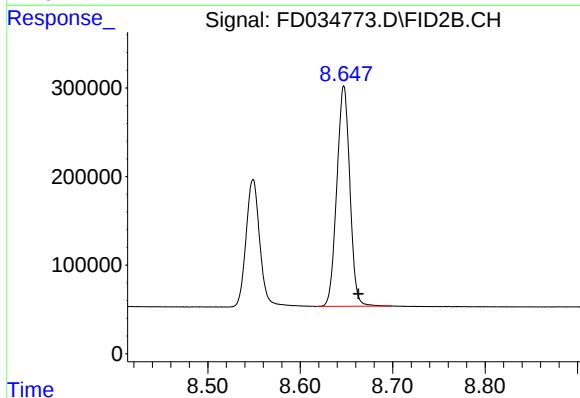
#5 Acenaphthylene (C15.06)

R.T.: 8.352 min
Delta R.T.: -0.014 min
Response: 2379389
Conc: 20.36 ug/ml



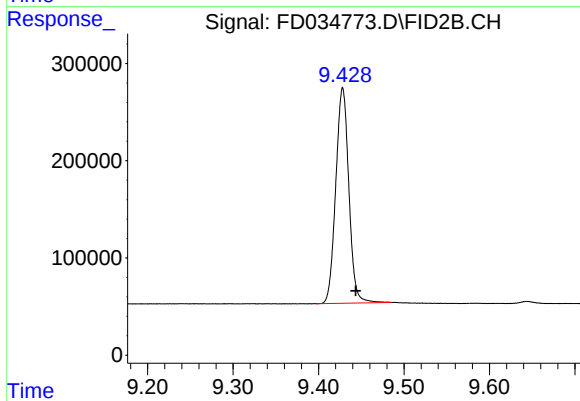
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.549 min
Delta R.T.: -0.013 min
Response: 1485077
Conc: 20.64 ug/ml



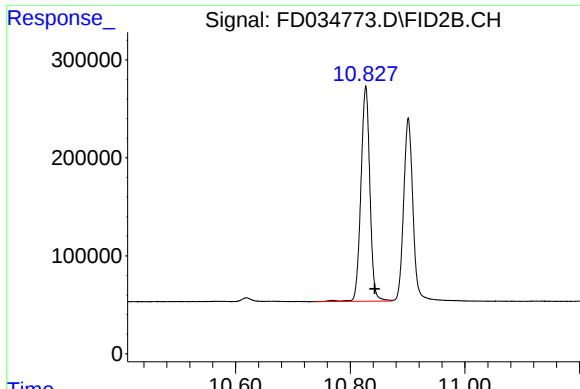
#7 Acenaphthene (C15.5)

R.T.: 8.647 min
Delta R.T.: -0.016 min
Response: 2444991
Conc: 20.55 ug/ml



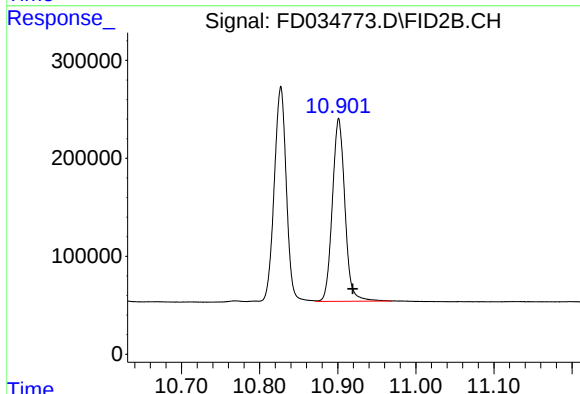
#8 Fluorene (C16.55)

R.T.: 9.428 min
Delta R.T.: -0.015 min
Response: 2357947
Conc: 20.45 ug/ml



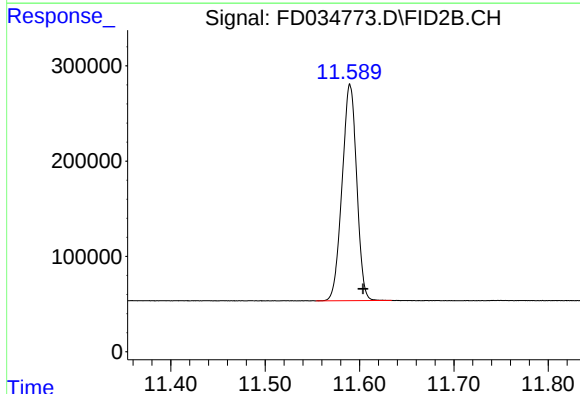
#9 Phenanthrene (C19.36)

R.T.: 10.827 min
Delta R.T.: -0.016 min
Response: 2374351
Conc: 20.36 ug/ml



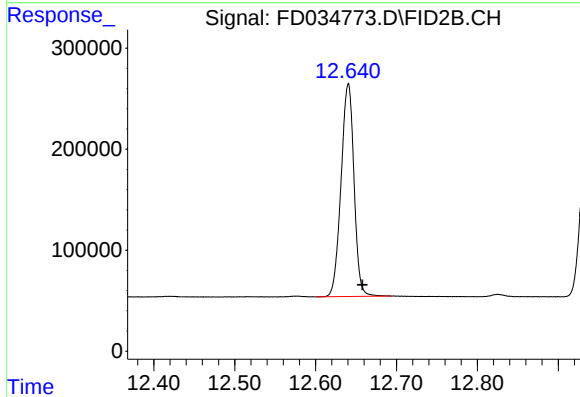
#10 Anthracene (C19.43)

R.T.: 10.901 min
Delta R.T.: -0.018 min
Response: 2080955
Conc: 18.27 ug/ml



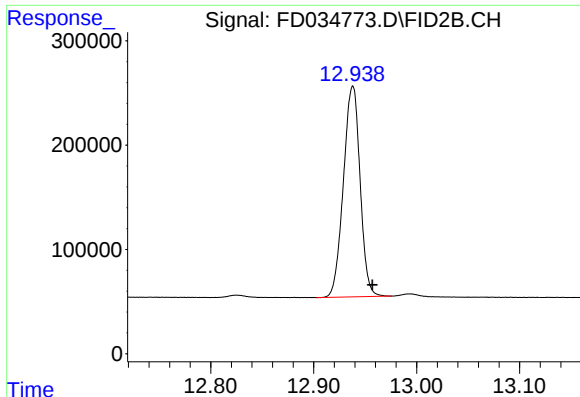
#11 ortho-Terphenyl (SURR)

R.T.: 11.590 min
Delta R.T.: -0.014 min
Response: 2440723
Conc: 20.37 ug/ml



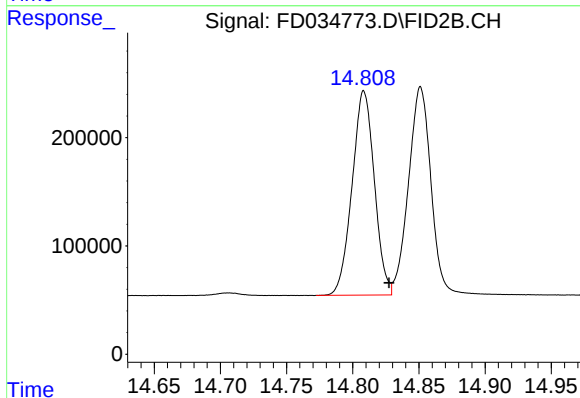
#12 Fluoranthene (C21.85)

R.T.: 12.640 min
Delta R.T.: -0.017 min
Response: 2347668
Conc: 20.13 ug/ml



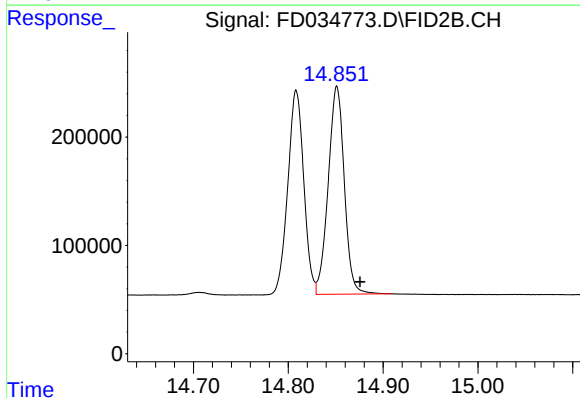
#13 Pyrene (C20.8)

R.T.: 12.938 min
Delta R.T.: -0.019 min
Response: 2276663
Conc: 20.06 ug/ml



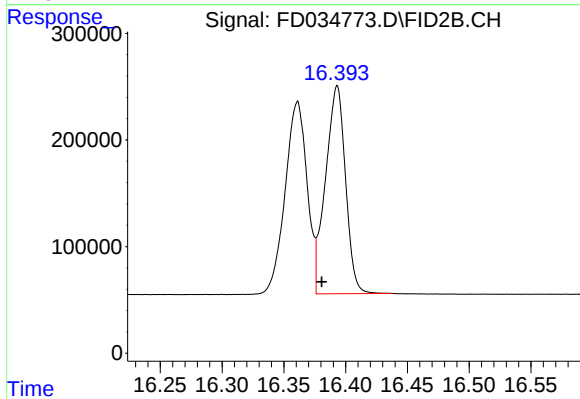
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.808 min
Delta R.T.: -0.019 min
Response: 2210315
Conc: 20.03 ug/ml



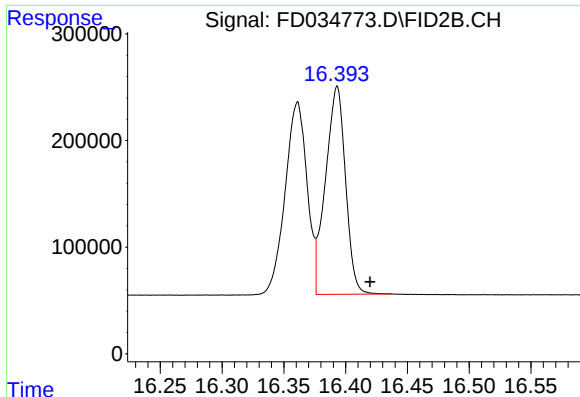
#15 Chrysene (C27.41)

R.T.: 14.851 min
Delta R.T.: -0.024 min
Response: 2266891
Conc: 20.30 ug/ml



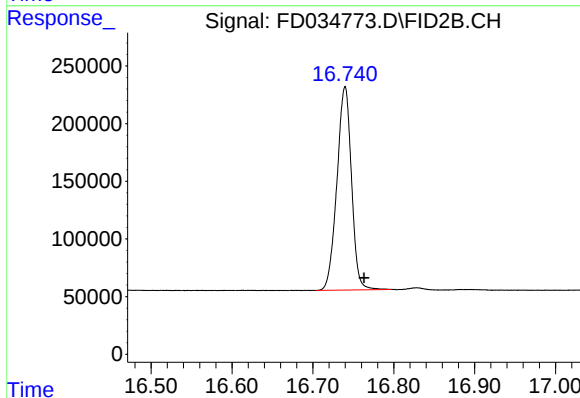
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.393 min
Delta R.T.: 0.013 min
Response: 2199126
Conc: 20.53 ug/ml



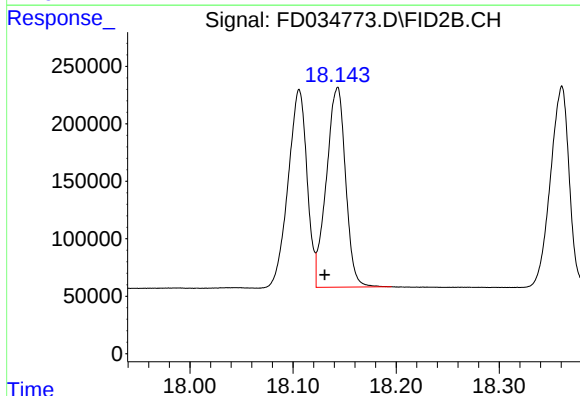
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.393 min
Delta R.T.: -0.027 min
Response: 2199126
Conc: 20.74 ug/ml



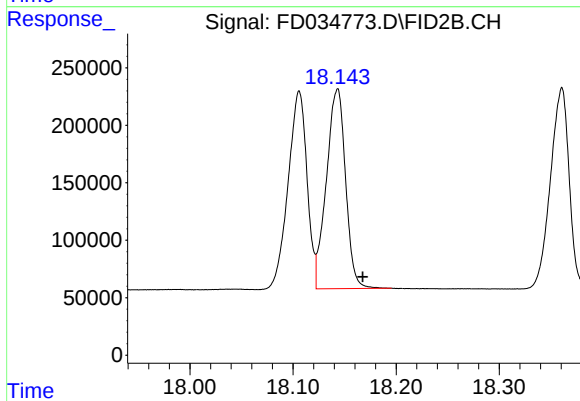
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.740 min
Delta R.T.: -0.023 min
Response: 2208977
Conc: 20.98 ug/ml



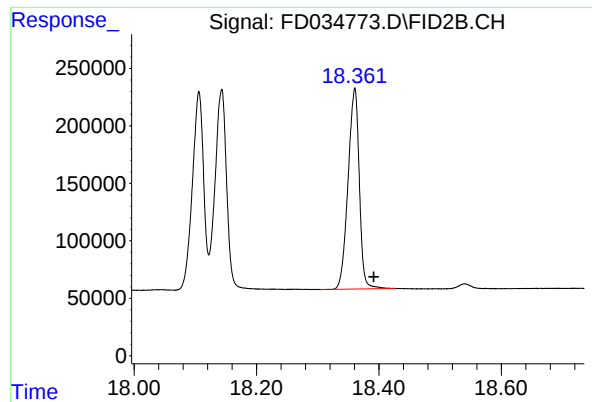
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.143 min
Delta R.T.: 0.012 min
Response: 2251043
Conc: 22.22 ug/ml



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

R.T.: 18.143 min
Delta R.T.: -0.025 min
Response: 2251043
Conc: 22.16 ug/ml



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

R.T.: 18.361 min
Delta R.T.: -0.031 min
Response: 2227160
Conc: 22.06 ug/ml