

Data Path : P:\HPCHEM1\FID_D\Data\FD040318AR\
 Data File : FD022777.D
 Signal(s) : FID2B.CH
 Acq On : 03 Apr 2018 6:26
 Operator : UA/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 67 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Apr 03 08:07:02 2018
 Quant Method : P:\HPCHEM1\FID_D\methods\Aromatic EPH 032018.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 21 07:06:57 2018
 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...	7.314	1595504	18.444 ug/ml
Spiked Amount 50.000		Recovery =	36.89%
6) S 2-Fluorobiphenyl (SURR)	8.176	1001945	18.967 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.93%
11) S ortho-Terphenyl (SURR)	11.192	2000355	18.819 ug/ml
Spiked Amount 50.000		Recovery =	37.64%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.123	1632650	16.763 ug/ml
2) T Naphthalene (C11.7)	5.653	1638089	17.640 ug/mlm
3) T 2-Methylnaphthalene (...)	6.702	1680233	18.279 ug/ml
5) T Acenaphthylene (C15.06)	7.967	1911232	18.952 ug/ml
7) T Acenaphthene (C15.5)	8.259	2097078	19.083 ug/ml
8) T Flouorene (C16.55)	9.043	1938627	19.249 ug/ml
9) T Phenanthrene (C19.36)	10.434	1984188	18.854 ug/ml
10) T Anthracene (C19.43)	10.512	2026406	18.885 ug/ml
12) T Fluoranthene (C21.85)	12.244	2112149	18.634 ug/ml
13) T Pyrene (C20.8)	12.537	2103964	18.749 ug/ml
14) T Benzo[a]anthracene (C...	14.417	1868038	18.089 ug/ml
15) T Chrysene (C27.41)	14.459	2139449	18.427 ug/ml
16) T benzo[b]fluoranthene ...	15.974	1848109	17.787 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.005	2300049	18.976 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.361	1857269	17.441 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.743	839454	12.536 ug/mlm
20) T Dibenz[a,h]anthracene...	17.769	1936511	15.935 ug/ml
21) T Benzo[g,h,i]perylene ...	17.995	1366285	16.569 ug/mlm

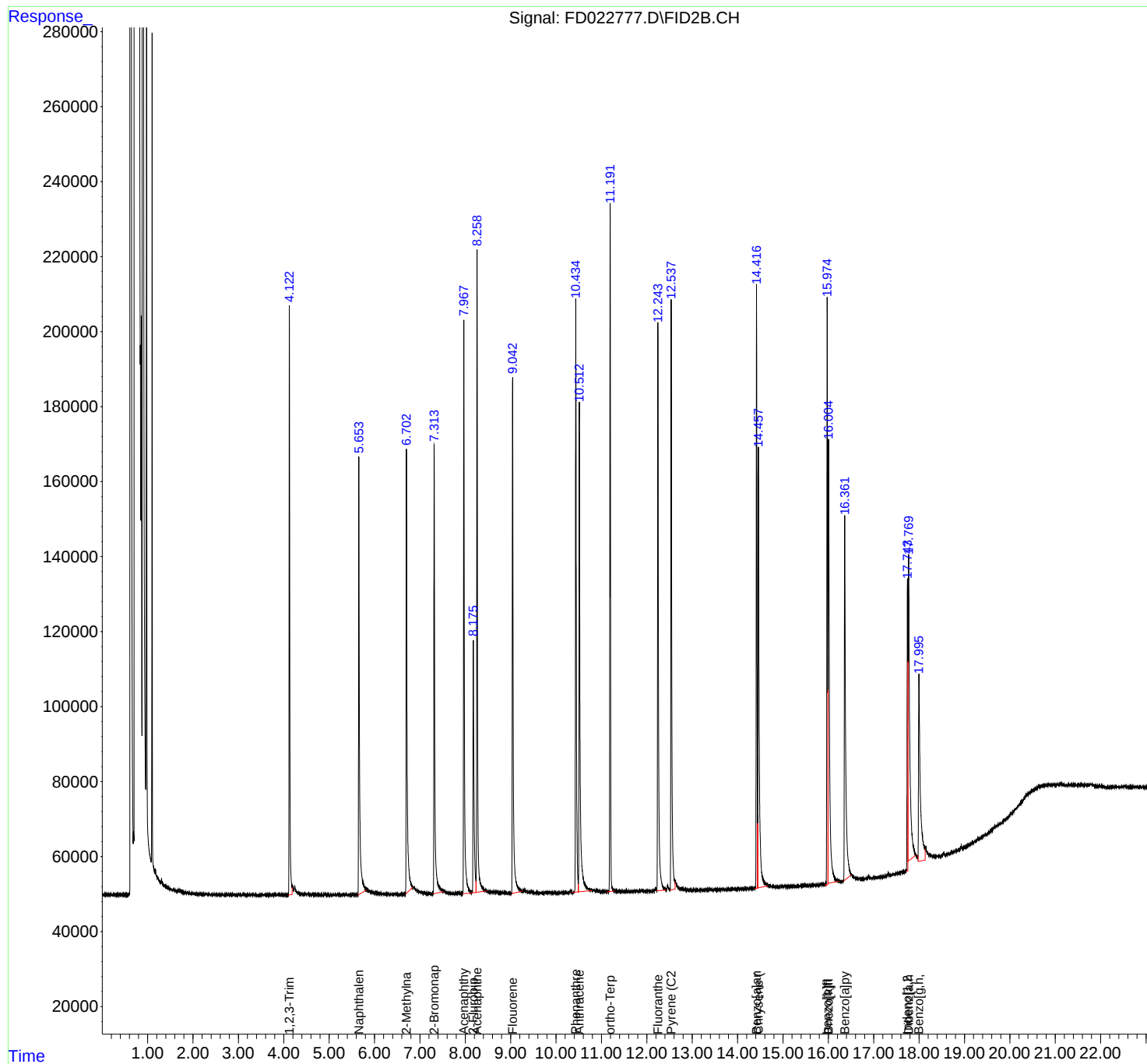
(f)=RT Delta > 1/2 Window

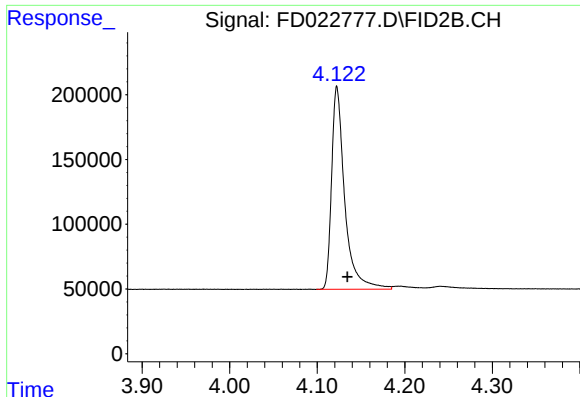
(m)=manual int.

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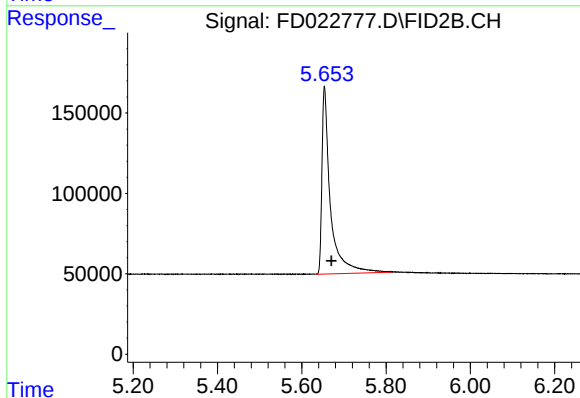
Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





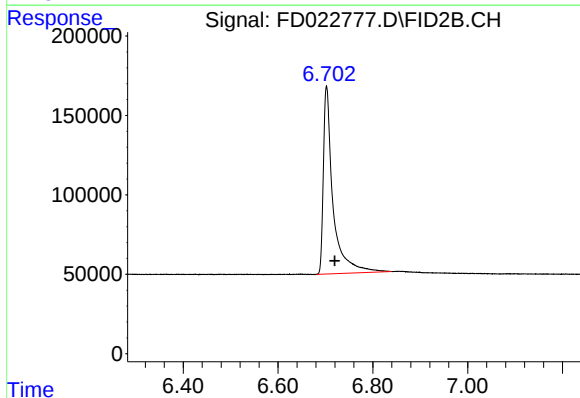
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.123 min
Delta R.T.: -0.012 min
Response: 1632650
Conc: 16.76 ug/ml



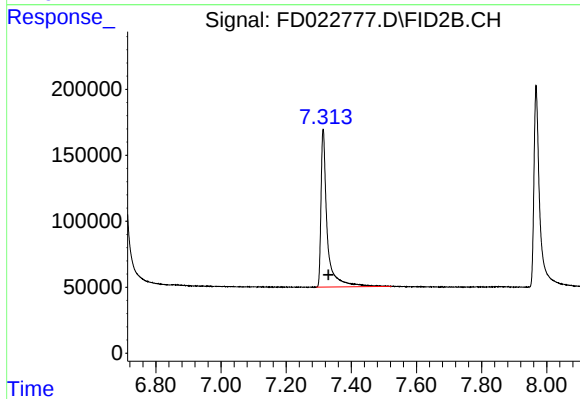
#2 Naphthalene (C11.7)

R.T.: 5.653 min
Delta R.T.: -0.017 min
Response: 1638089
Conc: 17.64 ug/ml m



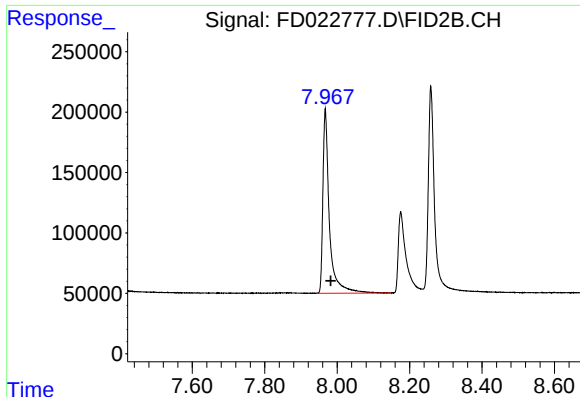
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.702 min
Delta R.T.: -0.018 min
Response: 1680233
Conc: 18.28 ug/ml



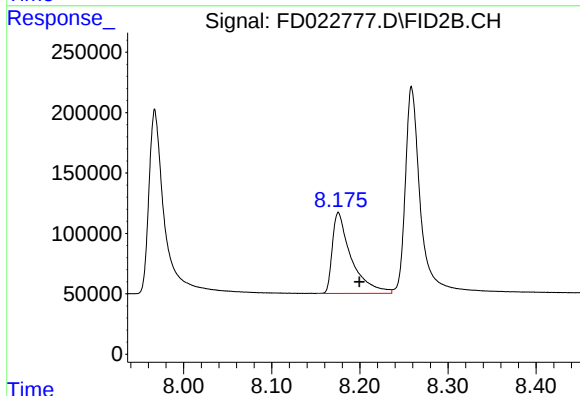
#4 2-Bromonaphthalene (SURR)

R.T.: 7.314 min
Delta R.T.: -0.016 min
Response: 1595504
Conc: 18.44 ug/ml



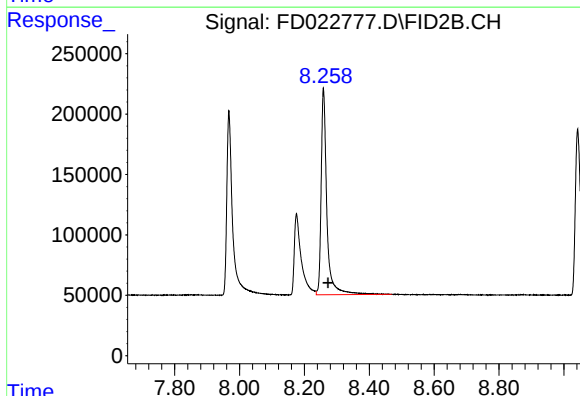
#5 Acenaphthylene (C15.06)

R.T.: 7.967 min
Delta R.T.: -0.015 min
Response: 1911232
Conc: 18.95 ug/ml



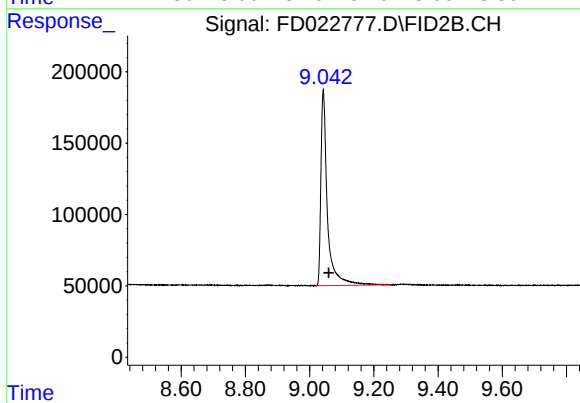
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.176 min
Delta R.T.: -0.024 min
Response: 1001945
Conc: 18.97 ug/ml



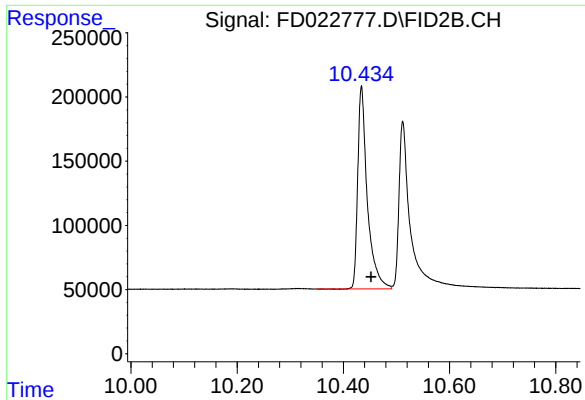
#7 Acenaphthene (C15.5)

R.T.: 8.259 min
Delta R.T.: -0.014 min
Response: 2097078
Conc: 19.08 ug/ml



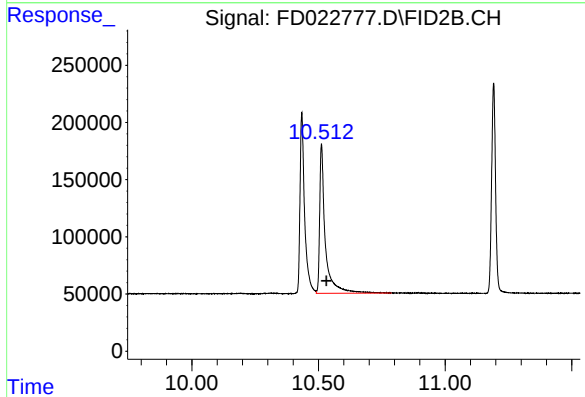
#8 Fluorene (C16.55)

R.T.: 9.043 min
Delta R.T.: -0.017 min
Response: 1938627
Conc: 19.25 ug/ml



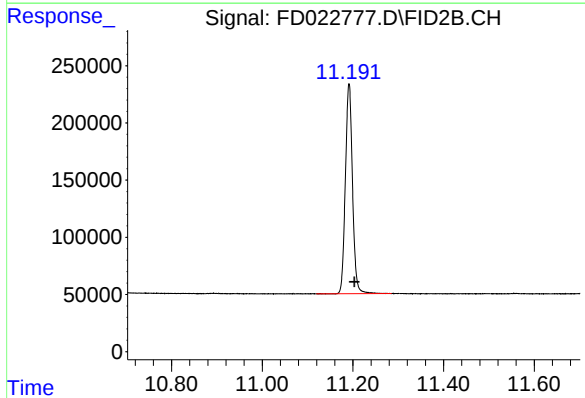
#9 Phenanthrene (C19.36)

R.T.: 10.434 min
Delta R.T.: -0.018 min
Response: 1984188
Conc: 18.85 ug/ml



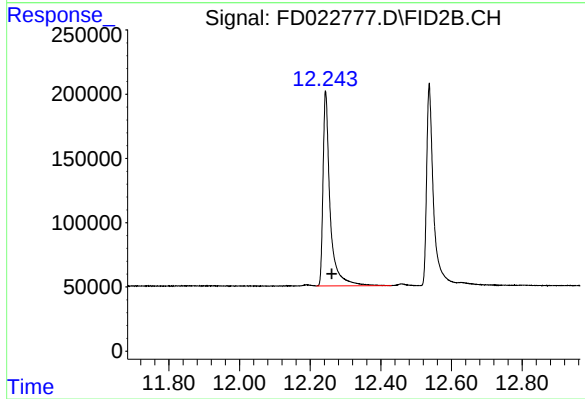
#10 Anthracene (C19.43)

R.T.: 10.512 min
Delta R.T.: -0.020 min
Response: 2026406
Conc: 18.89 ug/ml



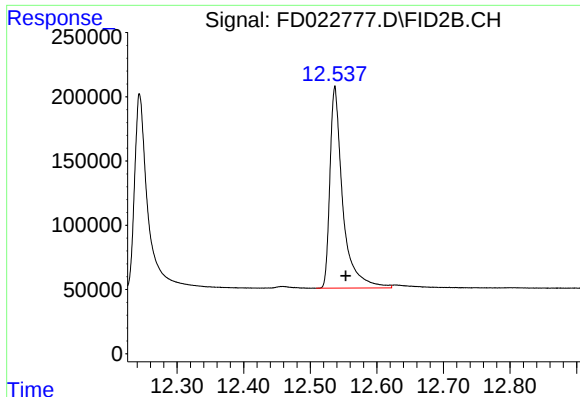
#11 ortho-Terphenyl (SURR)

R.T.: 11.192 min
Delta R.T.: -0.012 min
Response: 2000355
Conc: 18.82 ug/ml



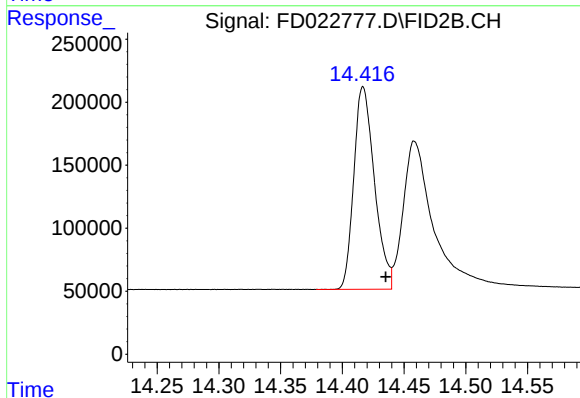
#12 Fluoranthene (C21.85)

R.T.: 12.244 min
Delta R.T.: -0.017 min
Response: 2112149
Conc: 18.63 ug/ml



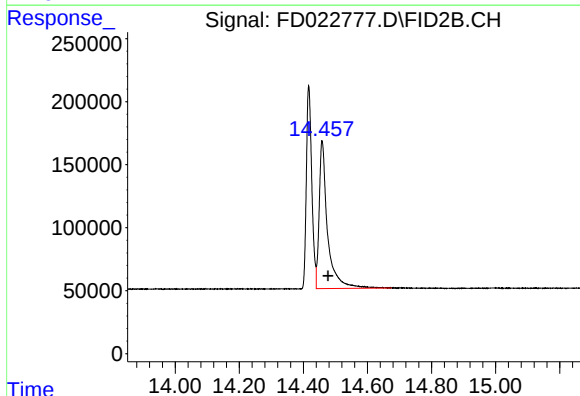
#13 Pyrene (C20.8)

R.T.: 12.537 min
Delta R.T.: -0.016 min
Response: 2103964
Conc: 18.75 ug/ml



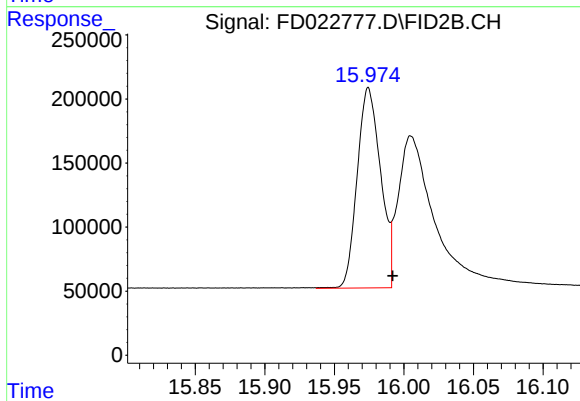
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.417 min
Delta R.T.: -0.018 min
Response: 1868038
Conc: 18.09 ug/ml



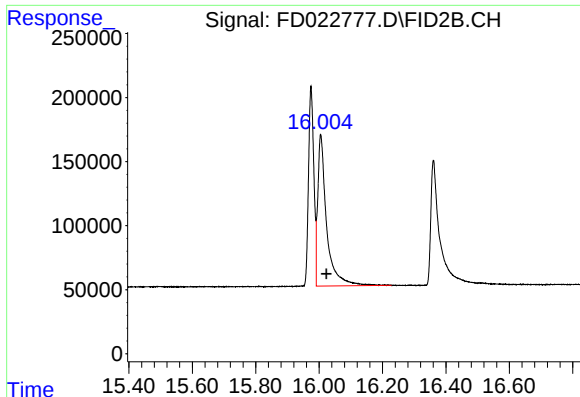
#15 Chrysene (C27.41)

R.T.: 14.459 min
Delta R.T.: -0.019 min
Response: 2139449
Conc: 18.43 ug/ml



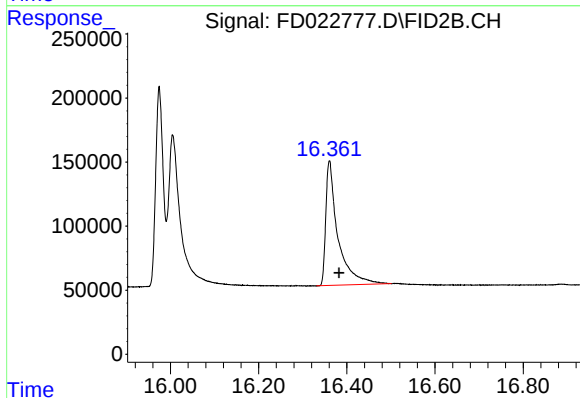
#16 benzo[b]fluoranthene (C30.41)

R.T.: 15.974 min
Delta R.T.: -0.018 min
Response: 1848109
Conc: 17.79 ug/ml m



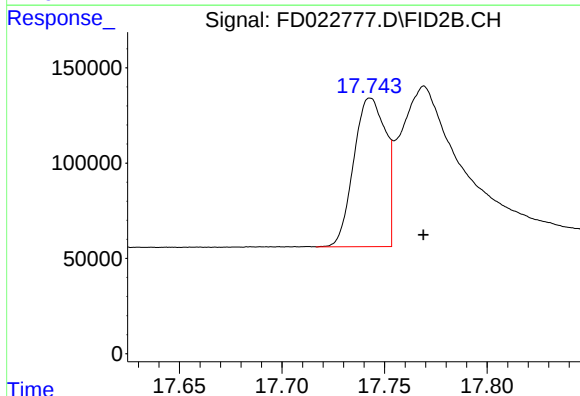
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.005 min
Delta R.T.: -0.018 min
Response: 2300049
Conc: 18.98 ug/ml



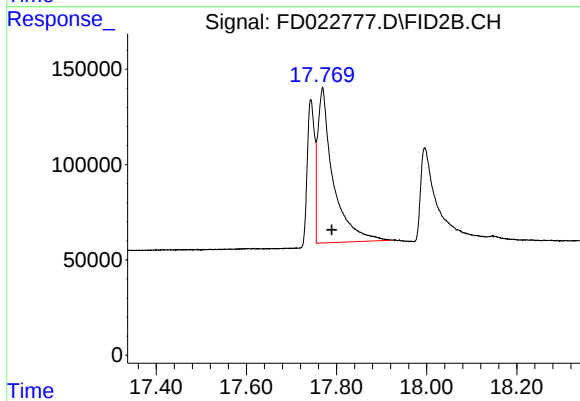
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.361 min
Delta R.T.: -0.022 min
Response: 1857269
Conc: 17.44 ug/ml



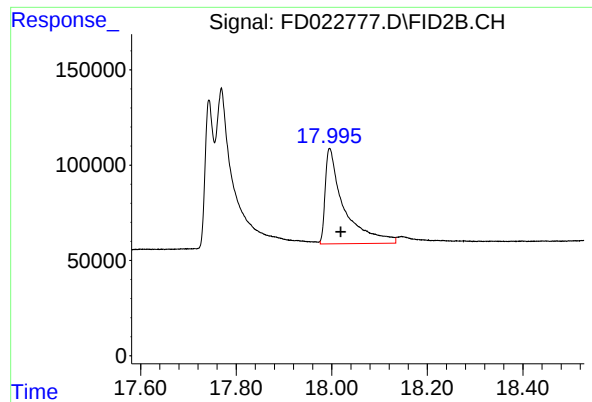
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.743 min
Delta R.T.: -0.026 min
Response: 839454
Conc: 12.54 ug/ml m



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

R.T.: 17.769 min
Delta R.T.: -0.020 min
Response: 1936511
Conc: 15.93 ug/ml



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

R.T.: 17.995 min
Delta R.T.: -0.024 min
Response: 1366285
Conc: 16.57 ug/ml m