

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062320AR\
 Data File : FD033776.D
 Signal(s) : FID2B.CH
 Acq On : 24 Jun 2020 6:20
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 24 06:47:30 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...	7.566	2374709	21.485 ug/ml
Spiked Amount 50.000		Recovery =	42.97%
6) S 2-Fluorobiphenyl (SURR)	8.429	1588028	21.395 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.79%
11) S ortho-Terphenyl (SURR)	11.454	2831871	20.390 ug/ml
Spiked Amount 50.000		Recovery =	40.78%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.375	2722362	21.609 ug/ml
2) T Naphthalene (C11.7)	5.909	2711404	21.571 ug/ml
3) T 2-Methylnaphthalene (...)	6.958	2742314	21.496 ug/ml
5) T Acenaphthylene (C15.06)	8.228	2733793	21.220 ug/ml
7) T Acenaphthene (C15.5)	8.522	2865987	21.419 ug/ml
8) T Fluorene (C16.55)	9.302	2659369	21.161 ug/ml
9) T Phenanthrene (C19.36)	10.696	2672899	20.819 ug/ml
10) T Anthracene (C19.43)	10.771	2559396	20.250 ug/ml
12) T Fluoranthene (C21.85)	12.505	2676891	20.328 ug/ml
13) T Pyrene (C20.8)	12.801	2582391	20.107 ug/ml
14) T Benzo[a]anthracene (C...	14.674	2383099	20.068 ug/ml
15) T Chrysene (C27.41)	14.715	2611763	19.724 ug/ml
16) T benzo[b]fluoranthene ...	16.228	2323940	19.633 ug/ml
17) T Bnezo[k]fluoranthene ...	16.258	2452769	19.198 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.609	2216414	18.480 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.980	2071618	19.884 ug/ml
20) T Dibenz[a,h]anthracene...	18.013	2407595	19.640 ug/ml
21) T Benzo[g,h,i]perylene ...	18.232	2239428	19.880 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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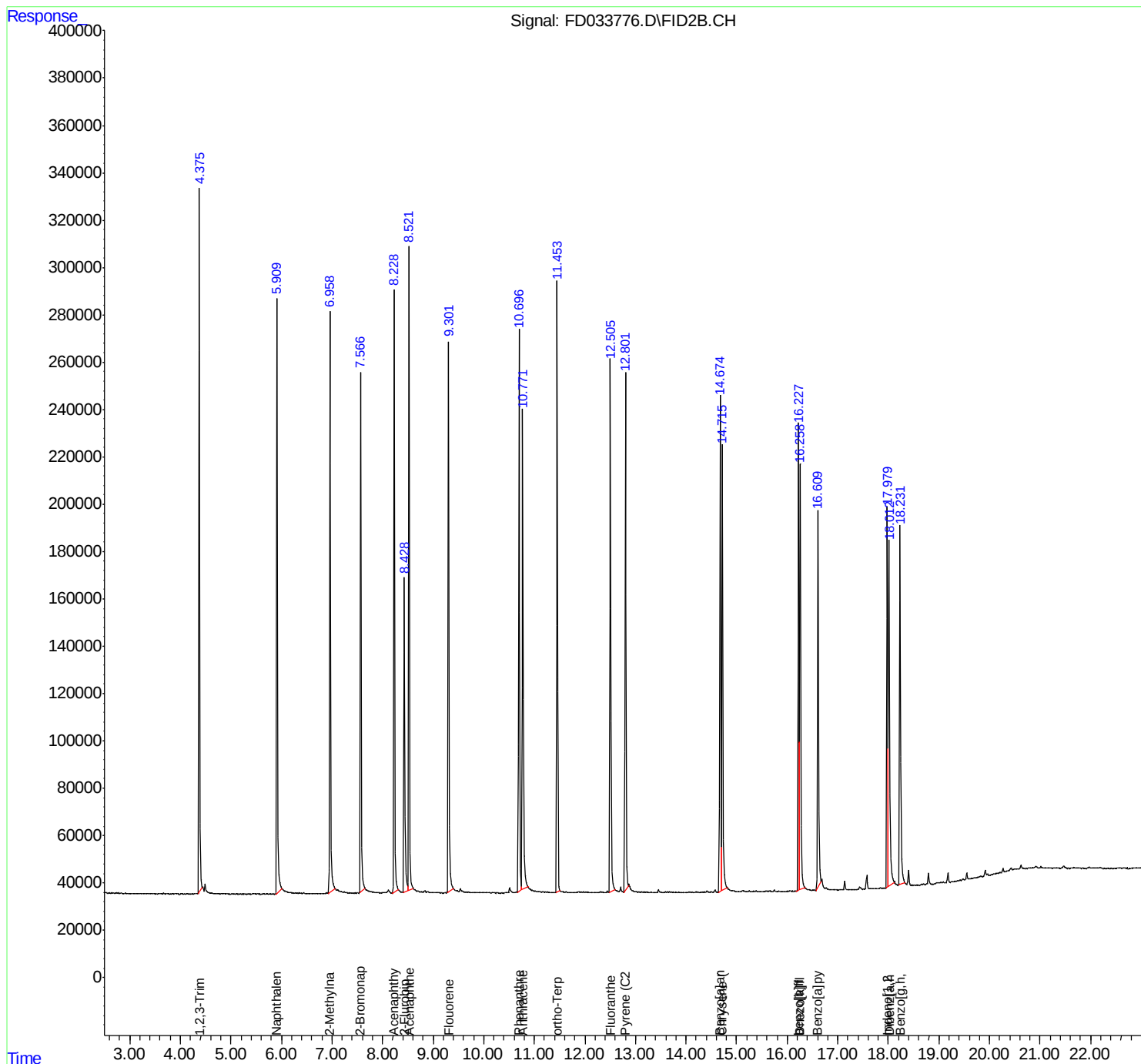
Response via : Initial Calibration

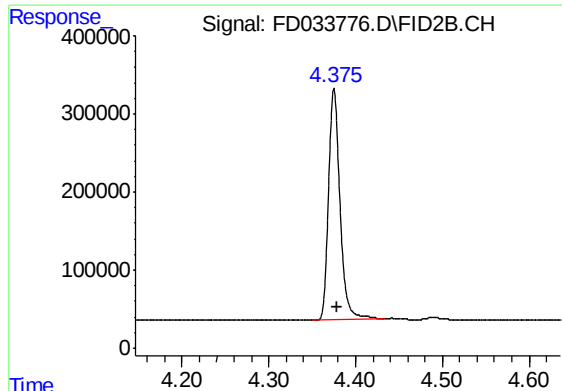
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Volume Inj. : 1 µl

Signal Phase : Rxi-1ms

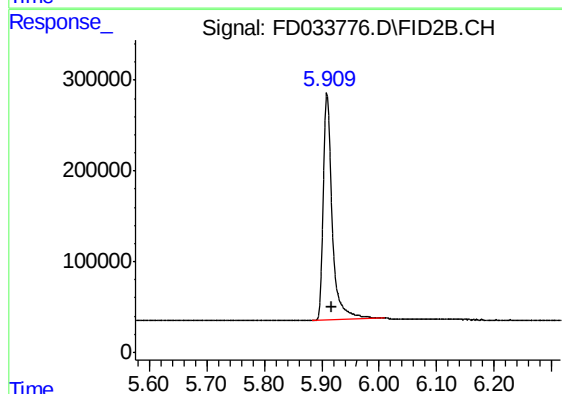
Signal Info : 20M x 0.18mm x 0.18µm





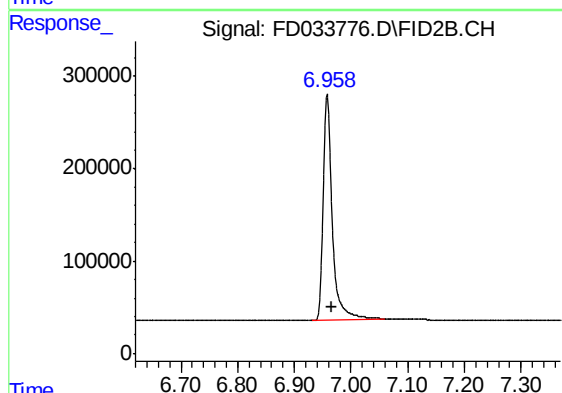
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.375 min
Delta R.T.: -0.004 min
Response: 2722362
Conc: 21.61 ug/ml



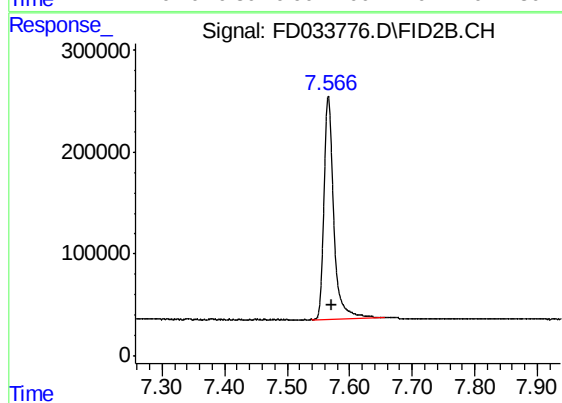
#2 Naphthalene (C11.7)

R.T.: 5.909 min
Delta R.T.: -0.007 min
Response: 2711404
Conc: 21.57 ug/ml



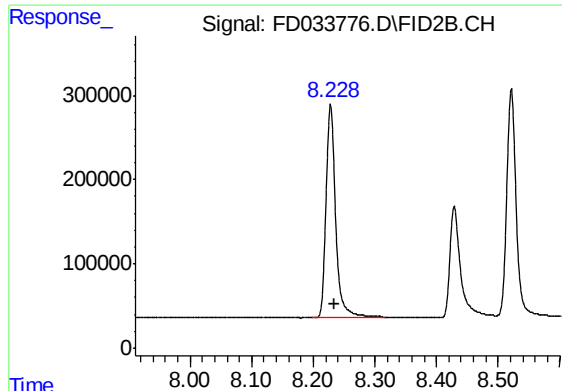
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.958 min
Delta R.T.: -0.007 min
Response: 2742314
Conc: 21.50 ug/ml



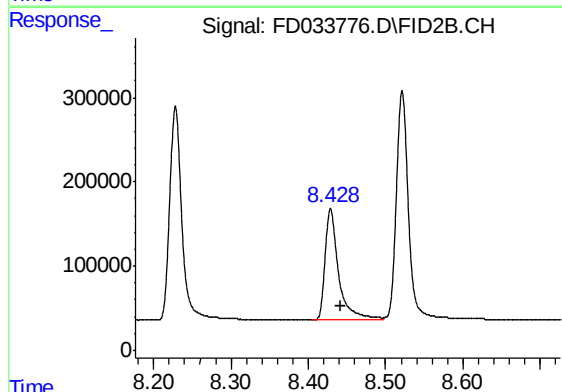
#4 2-Bromonaphthalene (SURR)

R.T.: 7.566 min
Delta R.T.: -0.006 min
Response: 2374709
Conc: 21.49 ug/ml



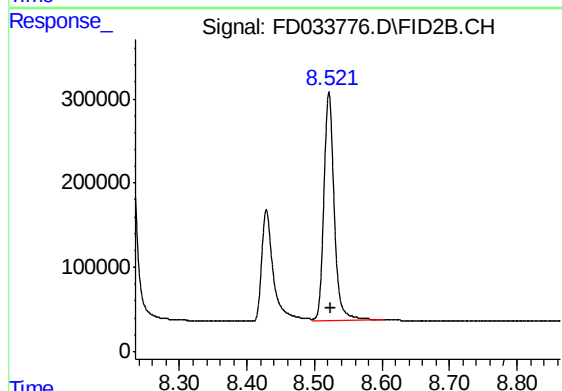
#5 Acenaphthylene (C15.06)

R.T.: 8.228 min
Delta R.T.: -0.005 min
Response: 2733793
Conc: 21.22 ug/ml



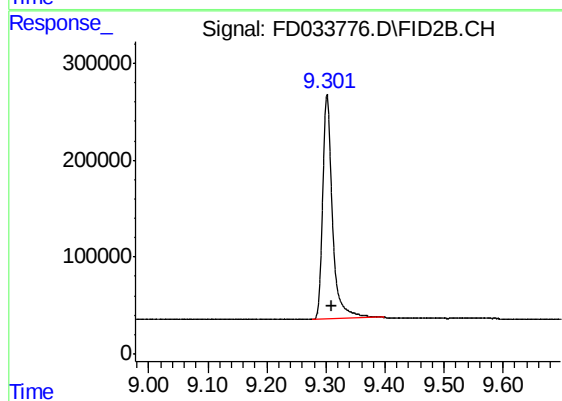
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.429 min
Delta R.T.: -0.013 min
Response: 1588028
Conc: 21.39 ug/ml



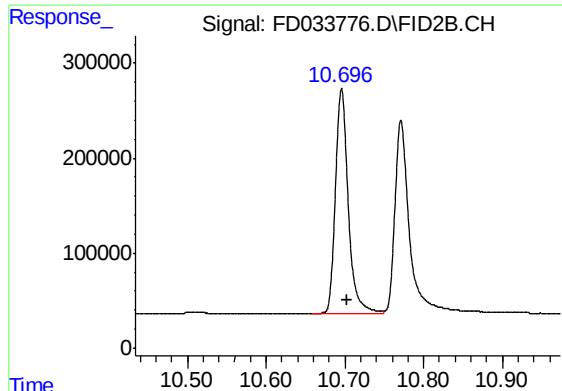
#7 Acenaphthene (C15.5)

R.T.: 8.522 min
Delta R.T.: -0.003 min
Response: 2865987
Conc: 21.42 ug/ml



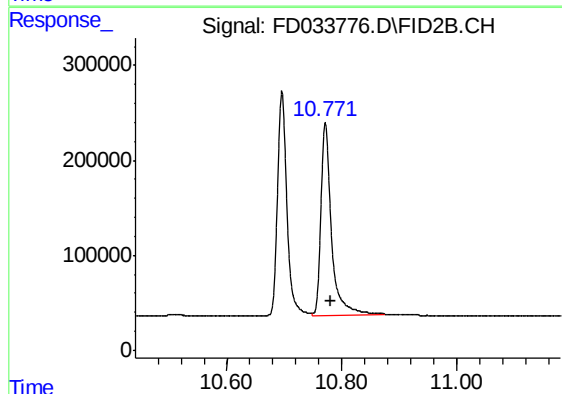
#8 Flouorene (C16.55)

R.T.: 9.302 min
Delta R.T.: -0.008 min
Response: 2659369
Conc: 21.16 ug/ml



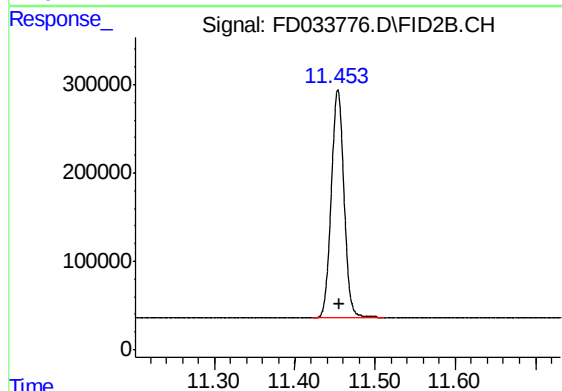
#9 Phenanthrene (C19.36)

R.T.: 10.696 min
Delta R.T.: -0.008 min
Response: 2672899
Conc: 20.82 ug/ml



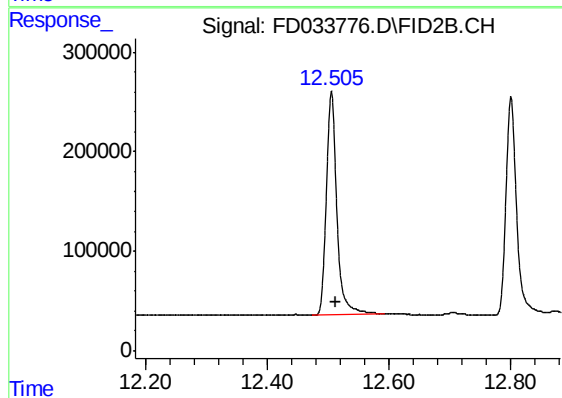
#10 Anthracene (C19.43)

R.T.: 10.771 min
Delta R.T.: -0.010 min
Response: 2559396
Conc: 20.25 ug/ml



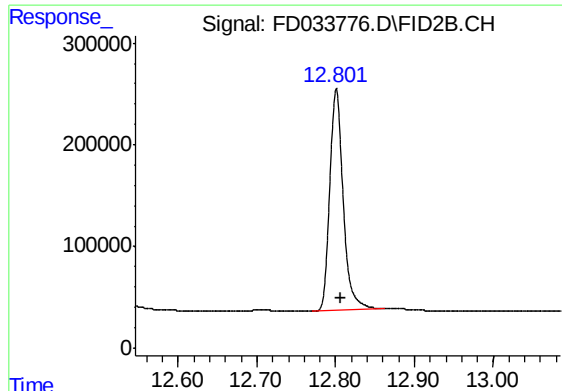
#11 ortho-Terphenyl (SURR)

R.T.: 11.454 min
Delta R.T.: -0.002 min
Response: 2831871
Conc: 20.39 ug/ml



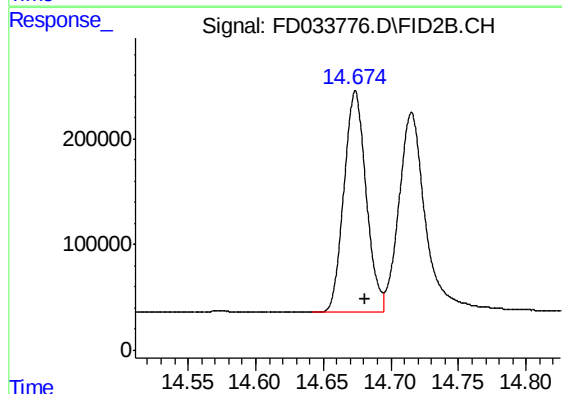
#12 Fluoranthene (C21.85)

R.T.: 12.505 min
Delta R.T.: -0.007 min
Response: 2676891
Conc: 20.33 ug/ml



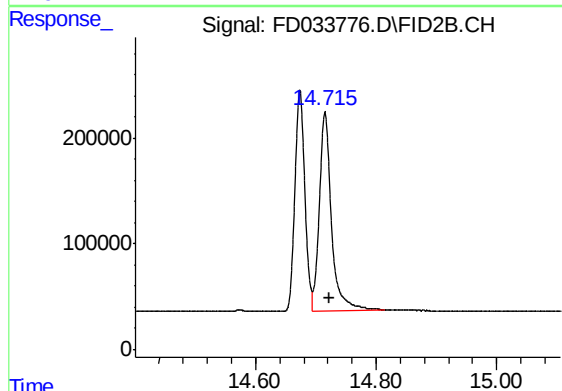
#13 Pyrene (C20.8)

R.T.: 12.801 min
Delta R.T.: -0.006 min
Response: 2582391
Conc: 20.11 ug/ml



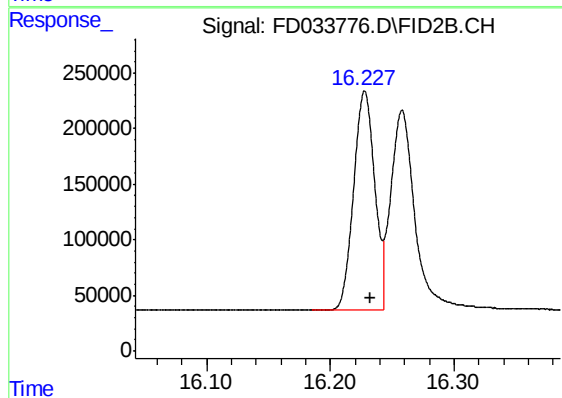
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.674 min
Delta R.T.: -0.007 min
Response: 2383099
Conc: 20.07 ug/ml



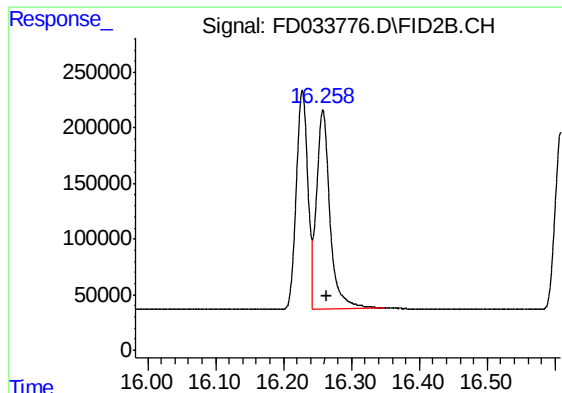
#15 Chrysene (C27.41)

R.T.: 14.715 min
Delta R.T.: -0.007 min
Response: 2611763
Conc: 19.72 ug/ml



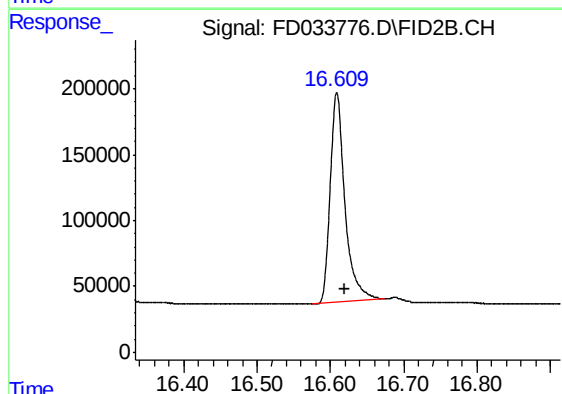
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.228 min
Delta R.T.: -0.004 min
Response: 2323940
Conc: 19.63 ug/ml



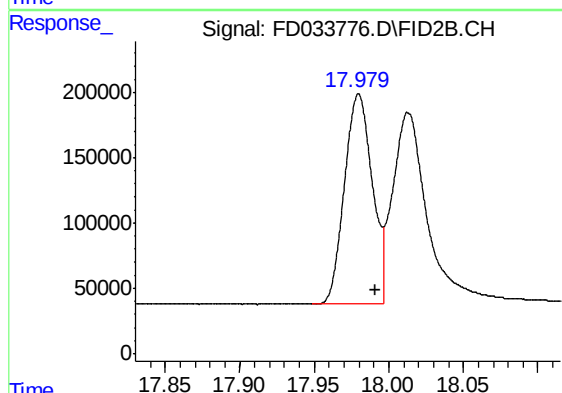
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.258 min
Delta R.T.: -0.006 min
Response: 2452769
Conc: 19.20 ug/ml



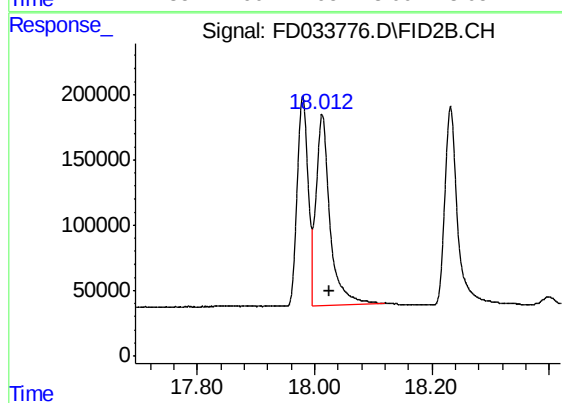
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.609 min
Delta R.T.: -0.011 min
Response: 2216414
Conc: 18.48 ug/ml



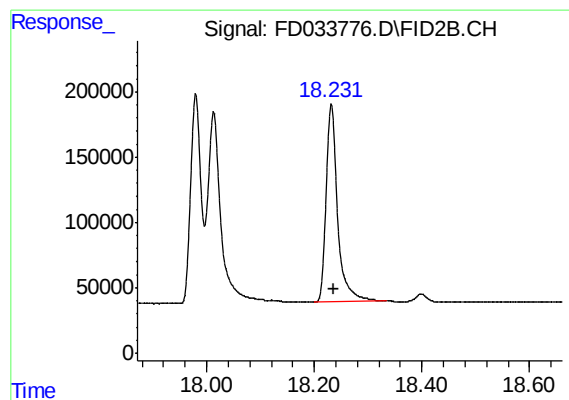
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.980 min
Delta R.T.: -0.011 min
Response: 2071618
Conc: 19.88 ug/ml



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

R.T.: 18.013 min
Delta R.T.: -0.011 min
Response: 2407595
Conc: 19.64 ug/ml



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

R.T.: 18.232 min
Delta R.T.: -0.006 min
Response: 2239428
Conc: 19.88 ug/ml