

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061920AR\
 Data File : FD033739.D
 Signal(s) : FID2B.CH
 Acq On : 19 Jun 2020 23:31
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jun 20 00:55:08 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	2216344	20.052 ug/ml
Spiked Amount 50.000		Recovery =	40.10%
6) S 2-Fluorobiphenyl (SURR)	8.429	1507663	20.312 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.62%
11) S ortho-Terphenyl (SURR)	11.456	2680614	19.301 ug/ml
Spiked Amount 50.000		Recovery =	38.60%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.376	2531790	20.096 ug/ml
2) T Naphthalene (C11.7)	5.910	2518643	20.037 ug/ml
3) T 2-Methylnaphthalene (...)	6.958	2571271	20.155 ug/ml
5) T Acenaphthylene (C15.06)	8.229	2557221	19.849 ug/ml
7) T Acenaphthene (C15.5)	8.523	2668683	19.944 ug/ml
8) T Flouorene (C16.55)	9.304	2498984	19.884 ug/ml
9) T Phenanthrene (C19.36)	10.698	2531488	19.717 ug/ml
10) T Anthracene (C19.43)	10.773	2471369	19.553 ug/ml
12) T Fluoranthene (C21.85)	12.507	2543554	19.316 ug/ml
13) T Pyrene (C20.8)	12.803	2461280	19.164 ug/ml
14) T Benzo[a]anthracene (C...	14.676	2309480	19.448 ug/ml
15) T Chrysene (C27.41)	14.717	2449307	18.497 ug/ml
16) T benzo[b]fluoranthene ...	16.230	2246875	18.982 ug/ml
17) T Bnezo[k]fluoranthene ...	16.259	2320212	18.160 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.610	2201211	18.353 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.980	2034637	19.529 ug/ml
20) T Dibenz[a,h]anthracene...	18.014	2262205	18.454 ug/ml
21) T Benzo[g,h,i]perylene ...	18.232	2170619	19.269 ug/ml

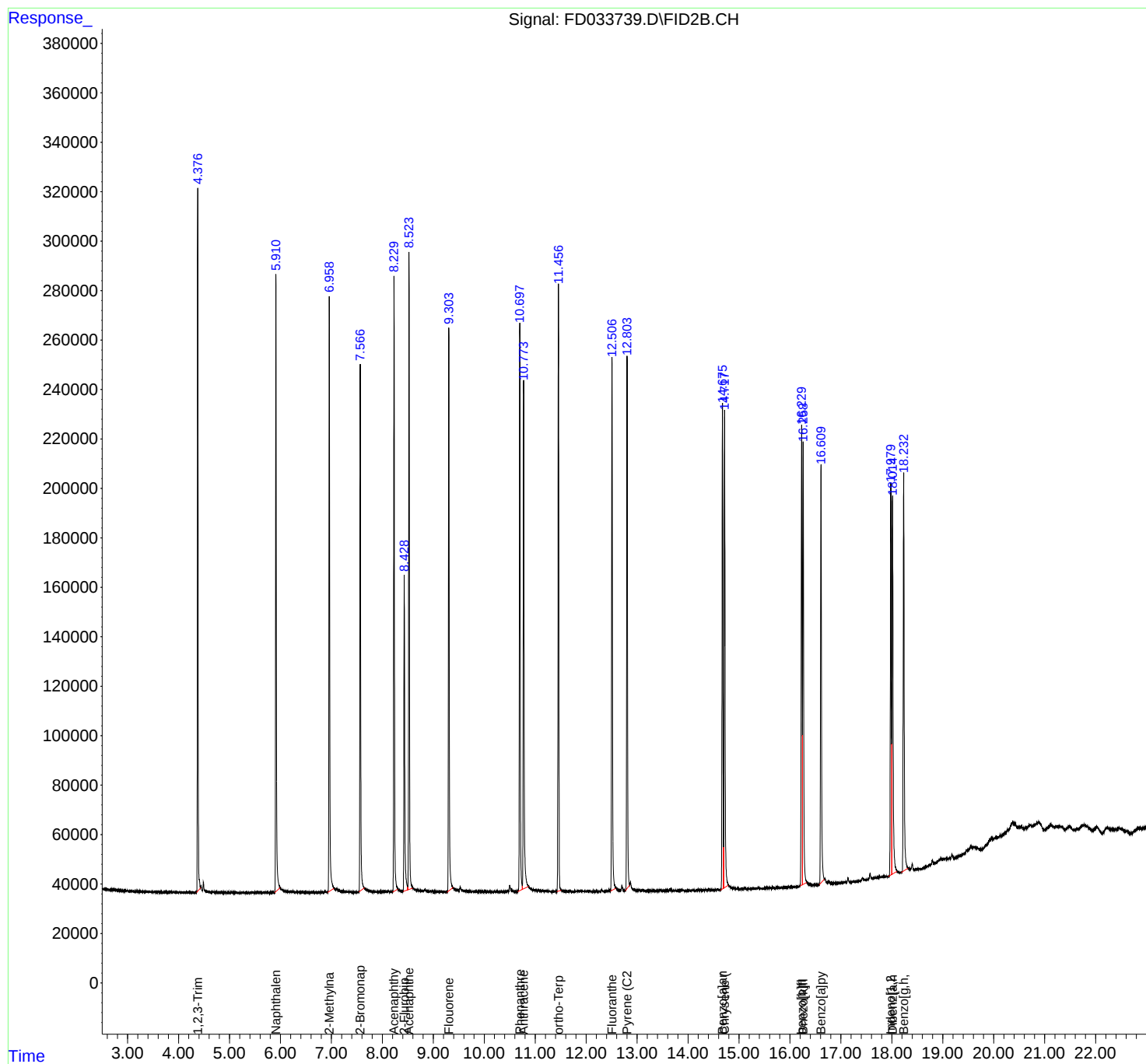
(f)=RT Delta > 1/2 Window

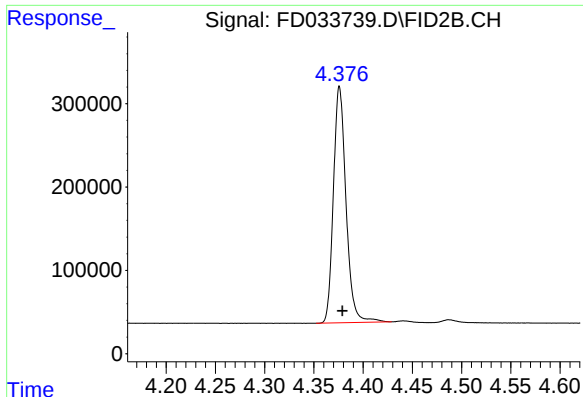
(m)=manual int.

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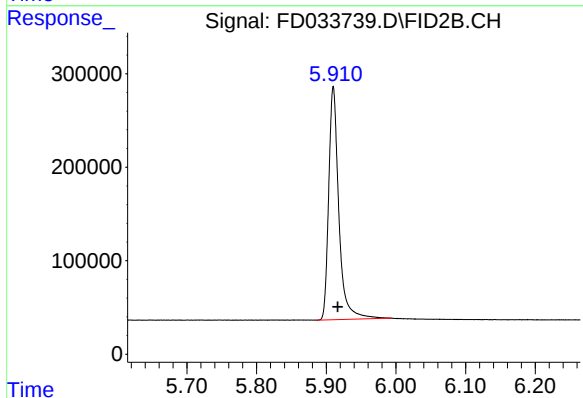
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





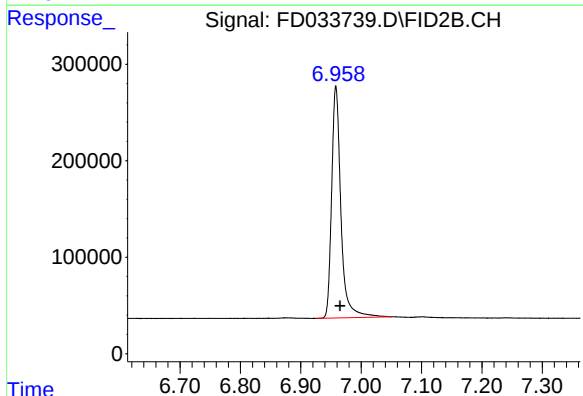
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.376 min
Delta R.T.: -0.003 min
Response: 2531790
Conc: 20.10 ug/ml



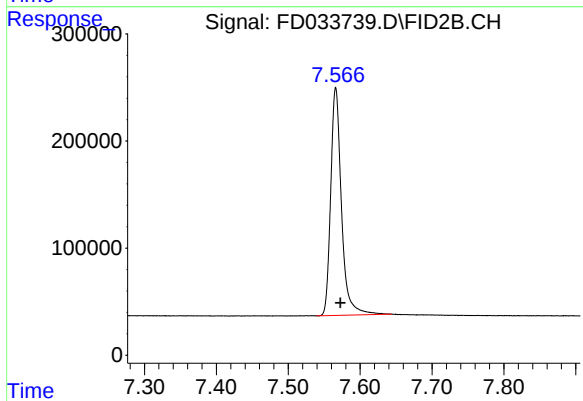
#2 Naphthalene (C11.7)

R.T.: 5.910 min
Delta R.T.: -0.007 min
Response: 2518643
Conc: 20.04 ug/ml



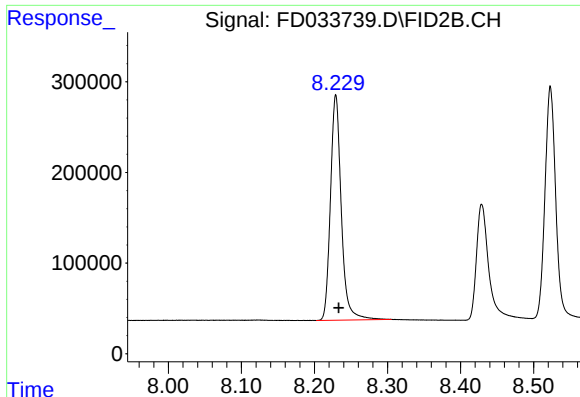
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.958 min
Delta R.T.: -0.007 min
Response: 2571271
Conc: 20.15 ug/ml



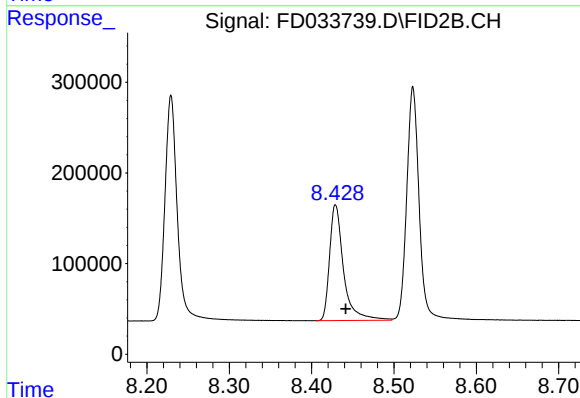
#4 2-Bromonaphthalene (SURR)

R.T.: 7.566 min
Delta R.T.: -0.006 min
Response: 2216344
Conc: 20.05 ug/ml



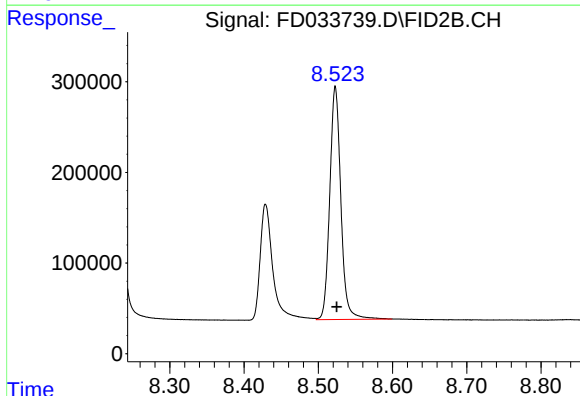
#5 Acenaphthylene (C15.06)

R.T.: 8.229 min
Delta R.T.: -0.004 min
Response: 2557221
Conc: 19.85 ug/ml



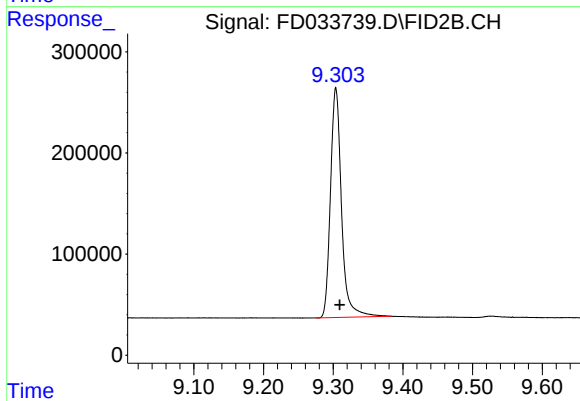
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.429 min
Delta R.T.: -0.012 min
Response: 1507663
Conc: 20.31 ug/ml



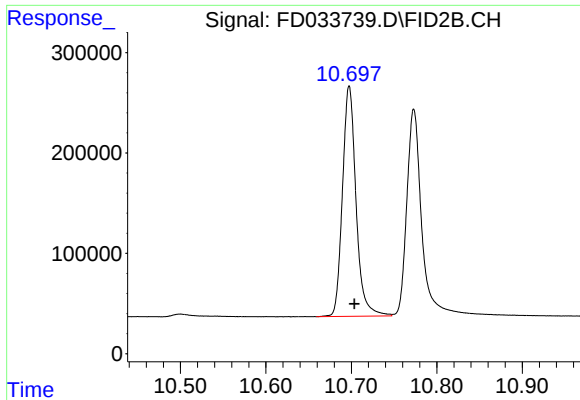
#7 Acenaphthene (C15.5)

R.T.: 8.523 min
Delta R.T.: -0.002 min
Response: 2668683
Conc: 19.94 ug/ml



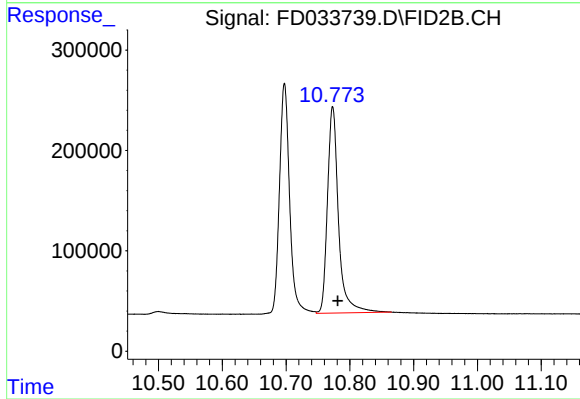
#8 Fluorene (C16.55)

R.T.: 9.304 min
Delta R.T.: -0.006 min
Response: 2498984
Conc: 19.88 ug/ml



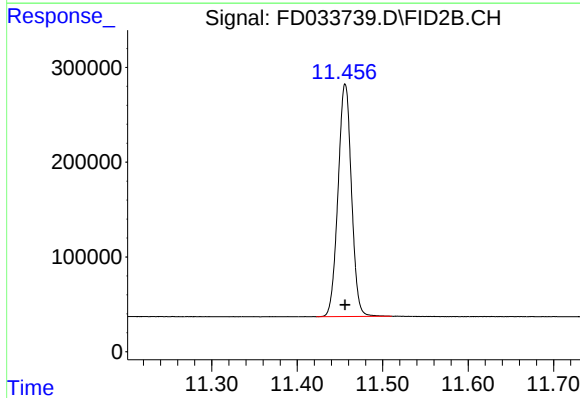
#9 Phenanthrene (C19.36)

R.T.: 10.698 min
Delta R.T.: -0.006 min
Response: 2531488
Conc: 19.72 ug/ml



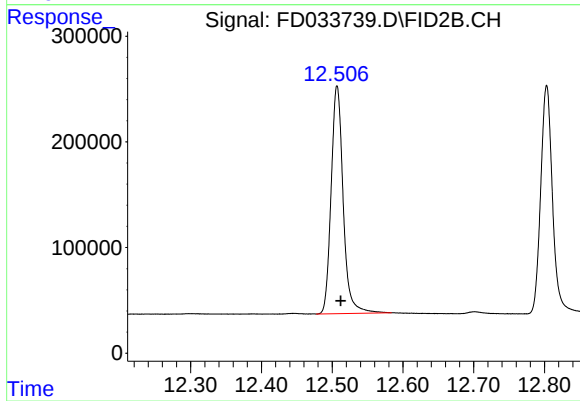
#10 Anthracene (C19.43)

R.T.: 10.773 min
Delta R.T.: -0.008 min
Response: 2471369
Conc: 19.55 ug/ml



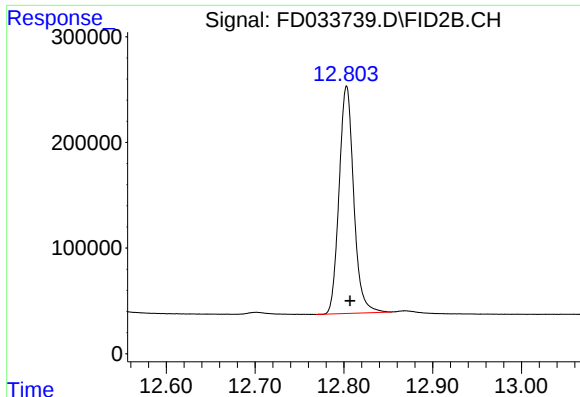
#11 ortho-Terphenyl (SURR)

R.T.: 11.456 min
Delta R.T.: 0.000 min
Response: 2680614
Conc: 19.30 ug/ml



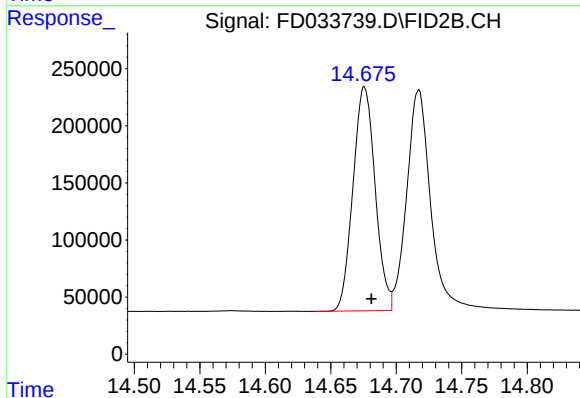
#12 Fluoranthene (C21.85)

R.T.: 12.507 min
Delta R.T.: -0.005 min
Response: 2543554
Conc: 19.32 ug/ml



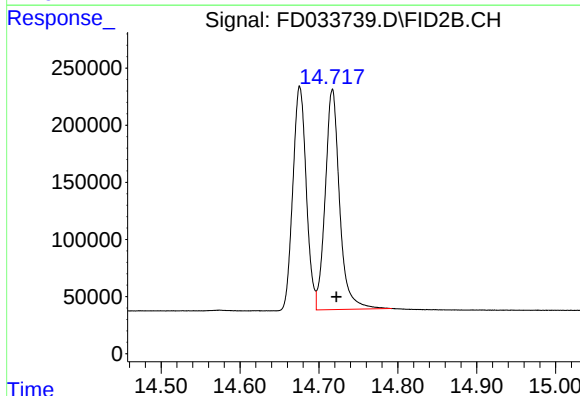
#13 Pyrene (C20.8)

R.T.: 12.803 min
Delta R.T.: -0.004 min
Response: 2461280
Conc: 19.16 ug/ml



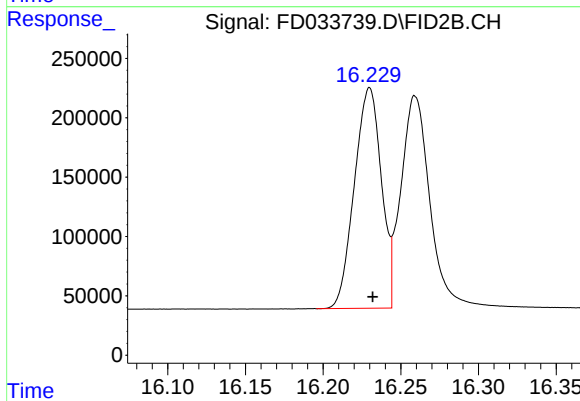
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.676 min
Delta R.T.: -0.005 min
Response: 2309480
Conc: 19.45 ug/ml



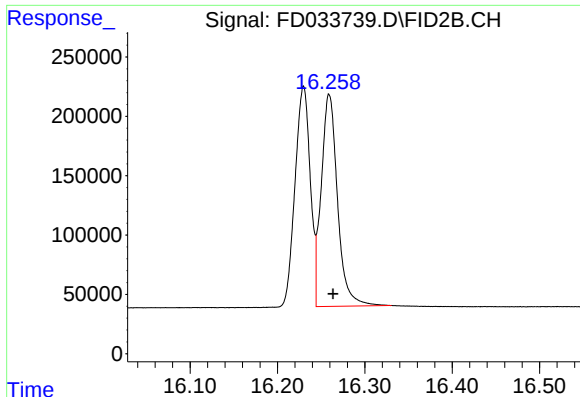
#15 Chrysene (C27.41)

R.T.: 14.717 min
Delta R.T.: -0.005 min
Response: 2449307
Conc: 18.50 ug/ml



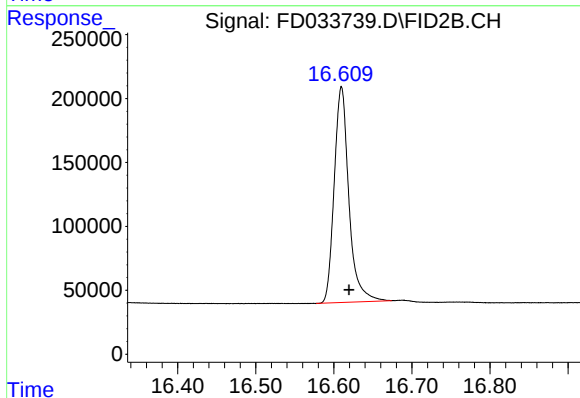
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.230 min
Delta R.T.: -0.002 min
Response: 2246875
Conc: 18.98 ug/ml



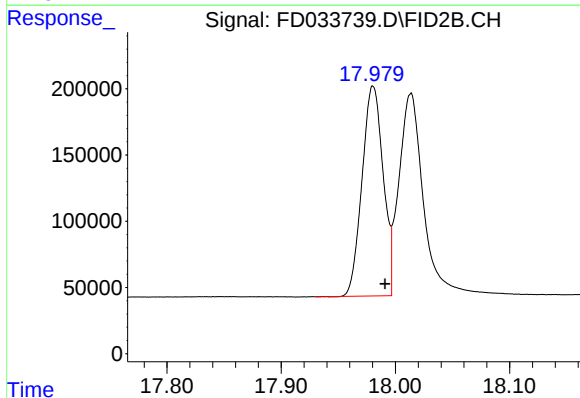
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.259 min
Delta R.T.: -0.005 min
Response: 2320212
Conc: 18.16 ug/ml



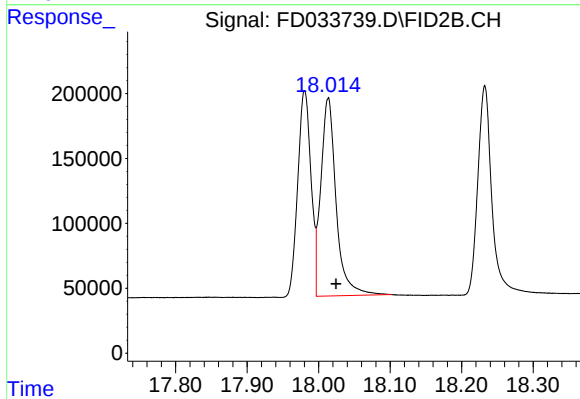
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.610 min
Delta R.T.: -0.010 min
Response: 2201211
Conc: 18.35 ug/ml



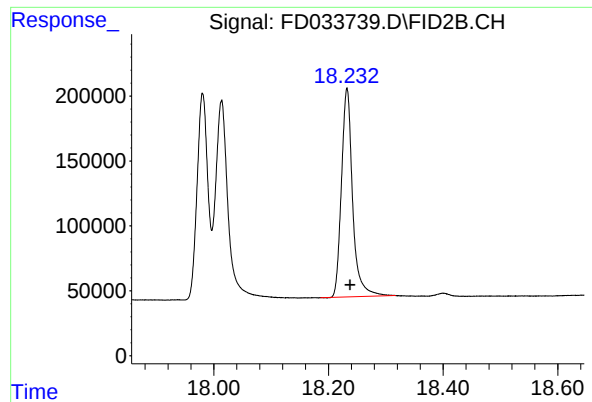
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.980 min
Delta R.T.: -0.011 min
Response: 2034637
Conc: 19.53 ug/ml



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

R.T.: 18.014 min
Delta R.T.: -0.011 min
Response: 2262205
Conc: 18.45 ug/ml



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

R.T.: 18.232 min
Delta R.T.: -0.005 min
Response: 2170619
Conc: 19.27 ug/ml