

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102320AR\
 Data File : FD035154.D
 Signal(s) : FID2B.CH
 Acq On : 23 Oct 2020 19:04
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Oct 24 01:14:50 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102220.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 23 08:22:01 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...	7.648	2464623	21.382 ug/ml
Spiked Amount 50.000		Recovery =	42.76%
6) S 2-Fluorobiphenyl (SURR)	8.512	1705686	21.456 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.91%
11) S ortho-Terphenyl (SURR)	11.551	2794953	21.204 ug/ml
Spiked Amount 50.000		Recovery =	42.41%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.445	2787039	21.430 ug/ml
2) T Naphthalene (C11.7)	5.985	2901662	21.336 ug/ml
3) T 2-Methylnaphthalene (...)	7.038	2909877	21.351 ug/ml
5) T Acenaphthylene (C15.06)	8.314	2803072	21.077 ug/ml
7) T Acenaphthene (C15.5)	8.609	2893476	21.389 ug/ml
8) T Fluorene (C16.55)	9.391	2783997	21.459 ug/ml
9) T Phenanthrene (C19.36)	10.788	2714500	21.418 ug/ml
10) T Anthracene (C19.43)	10.862	2720302	21.284 ug/ml
12) T Fluoranthene (C21.85)	12.600	2663614	21.382 ug/ml
13) T Pyrene (C20.8)	12.896	2554619	20.902 ug/ml
14) T Benzo[a]anthracene (C...	14.768	2278831	21.498 ug/ml
15) T Chrysene (C27.41)	14.809	2483075	21.220 ug/ml
16) T benzo[b]fluoranthene ...	16.317	2187469	21.313 ug/ml
17) T Bnezo[k]fluoranthene ...	16.349	2231820	21.281 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.696	1970168	20.802 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.062	1884160	21.245 ug/ml
20) T Dibenz[a,h]anthracene...	18.100	2176239	21.464 ug/ml
21) T Benzo[g,h,i]perylene ...	18.314	2025539	21.198 ug/ml

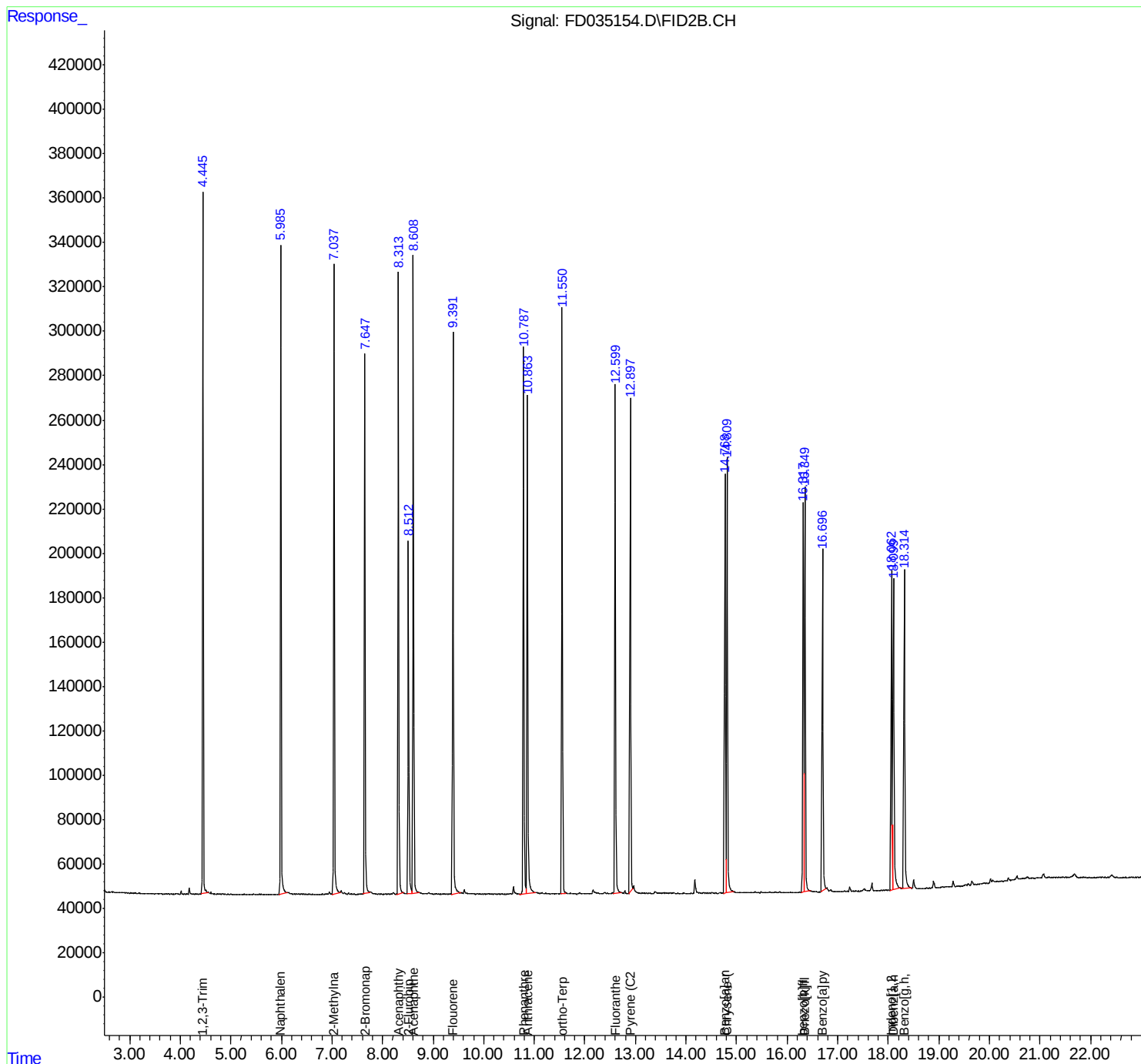
(f)=RT Delta > 1/2 Window

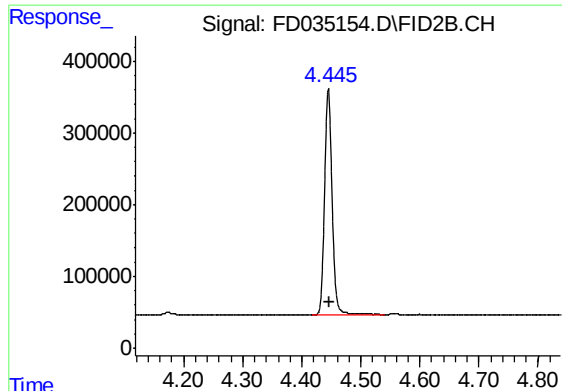
(m)=manual int.

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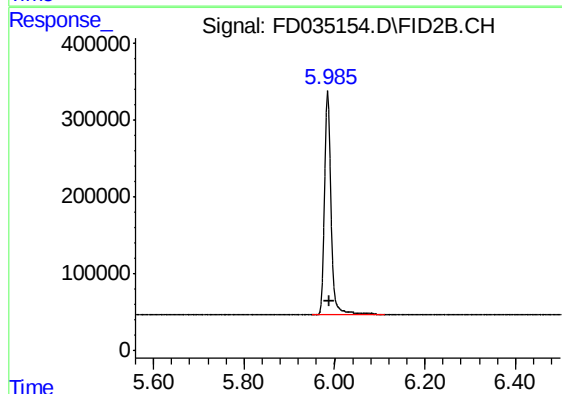
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





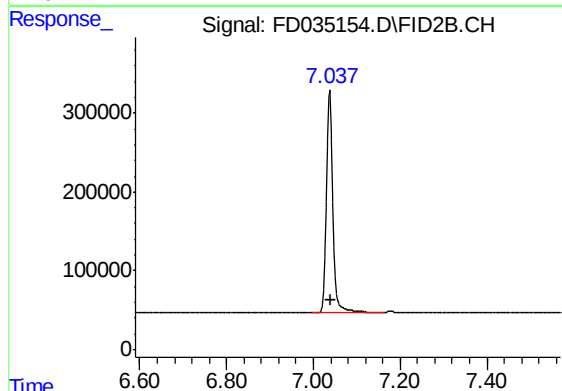
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.445 min
Delta R.T.: -0.002 min
Response: 2787039
Conc: 21.43 ug/ml



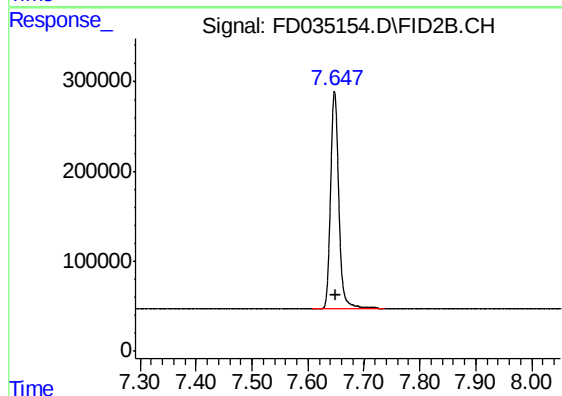
#2 Naphthalene (C11.7)

R.T.: 5.985 min
Delta R.T.: -0.004 min
Response: 2901662
Conc: 21.34 ug/ml



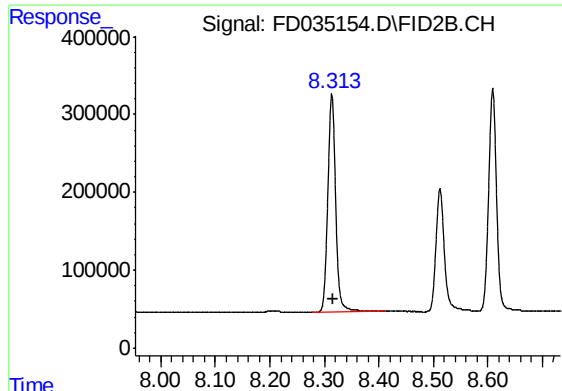
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.038 min
Delta R.T.: -0.003 min
Response: 2909877
Conc: 21.35 ug/ml



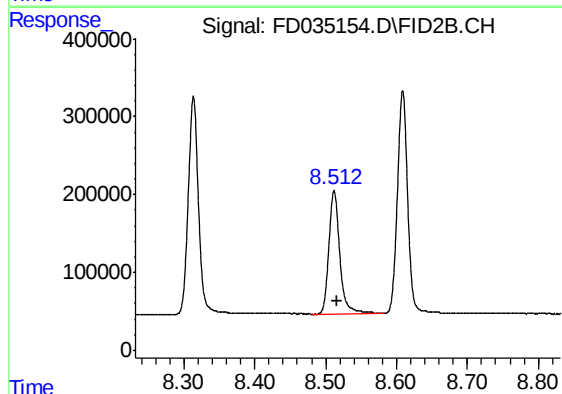
#4 2-Bromonaphthalene (SURR)

R.T.: 7.648 min
Delta R.T.: -0.003 min
Response: 2464623
Conc: 21.38 ug/ml



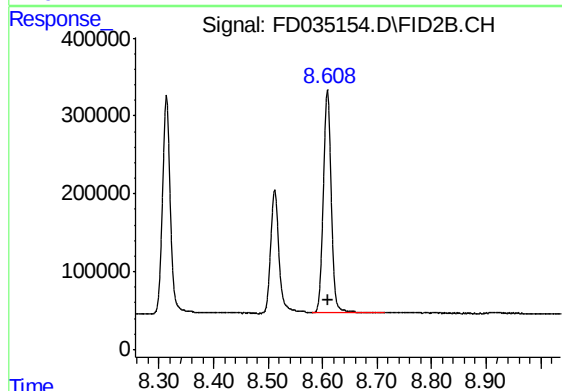
#5 Acenaphthylene (C15.06)

R.T.: 8.314 min
Delta R.T.: -0.001 min
Response: 2803072
Conc: 21.08 ug/ml



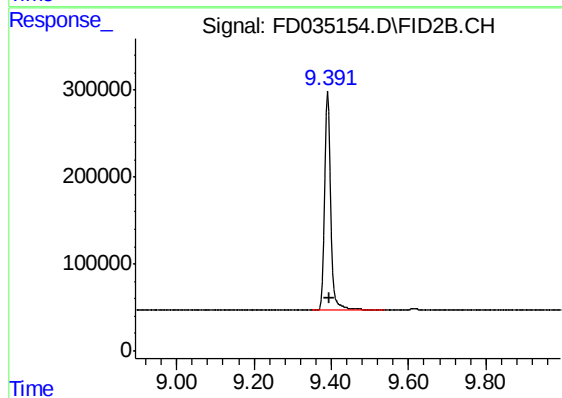
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.512 min
Delta R.T.: -0.004 min
Response: 1705686
Conc: 21.46 ug/ml



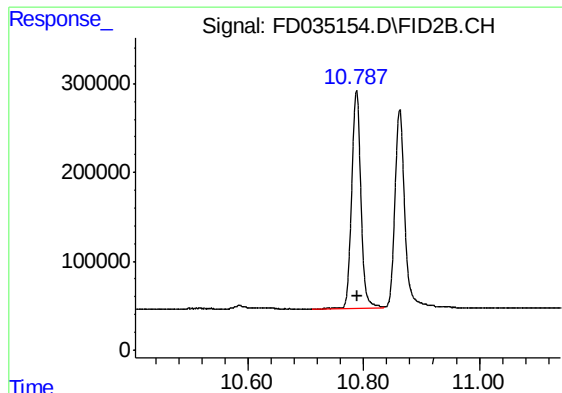
#7 Acenaphthene (C15.5)

R.T.: 8.609 min
Delta R.T.: 0.000 min
Response: 2893476
Conc: 21.39 ug/ml



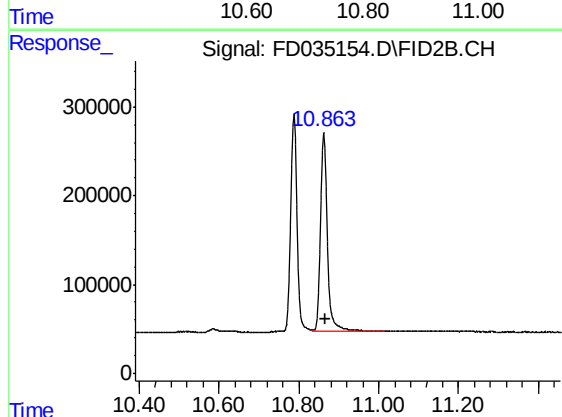
#8 Flouorene (C16.55)

R.T.: 9.391 min
Delta R.T.: -0.003 min
Response: 2783997
Conc: 21.46 ug/ml



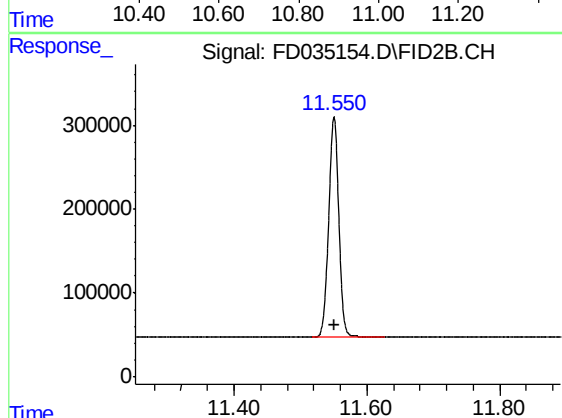
#9 Phenanthrene (C19.36)

R.T.: 10.788 min
Delta R.T.: -0.002 min
Response: 2714500
Conc: 21.42 ug/ml



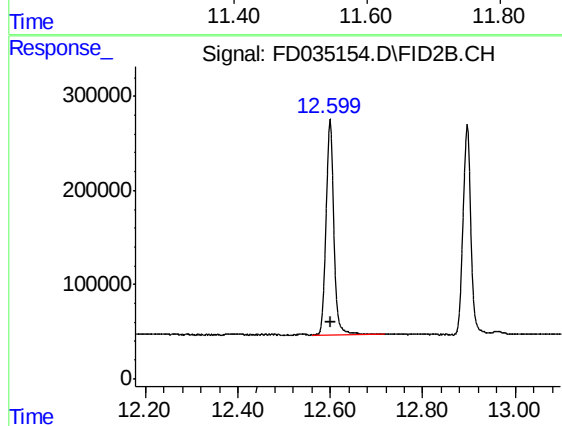
#10 Anthracene (C19.43)

R.T.: 10.862 min
Delta R.T.: -0.003 min
Response: 2720302
Conc: 21.28 ug/ml



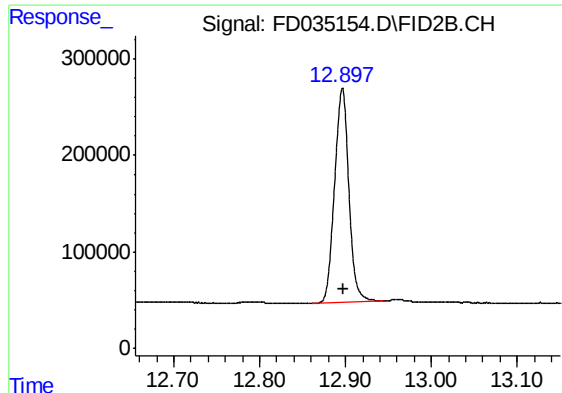
#11 ortho-Terphenyl (SURR)

R.T.: 11.551 min
Delta R.T.: 0.000 min
Response: 2794953
Conc: 21.20 ug/ml



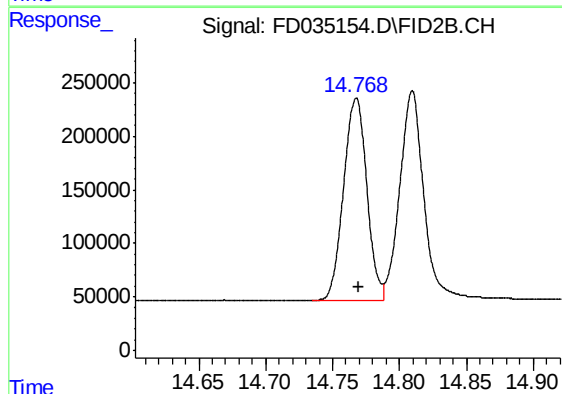
#12 Fluoranthene (C21.85)

R.T.: 12.600 min
Delta R.T.: -0.001 min
Response: 2663614
Conc: 21.38 ug/ml



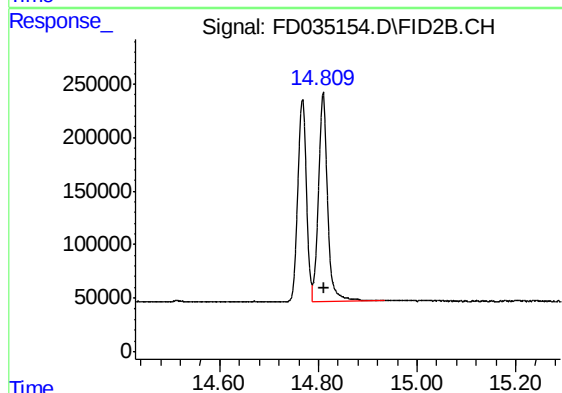
#13 Pyrene (C20.8)

R.T.: 12.896 min
Delta R.T.: -0.001 min
Response: 2554619
Conc: 20.90 ug/ml



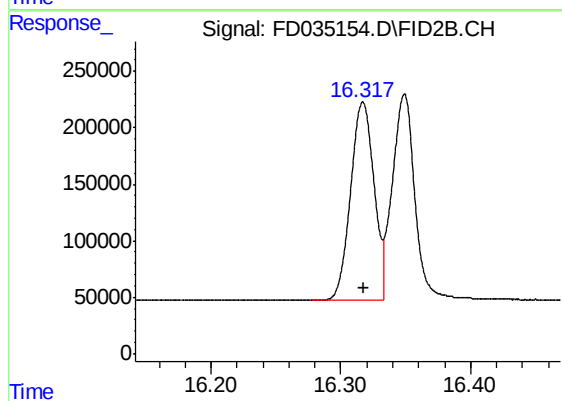
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.768 min
Delta R.T.: -0.002 min
Response: 2278831
Conc: 21.50 ug/ml



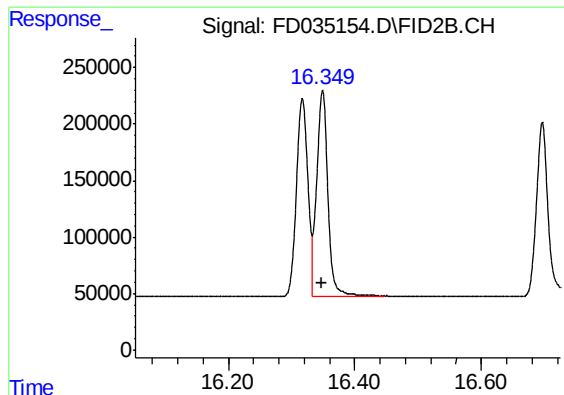
#15 Chrysene (C27.41)

R.T.: 14.809 min
Delta R.T.: -0.001 min
Response: 2483075
Conc: 21.22 ug/ml



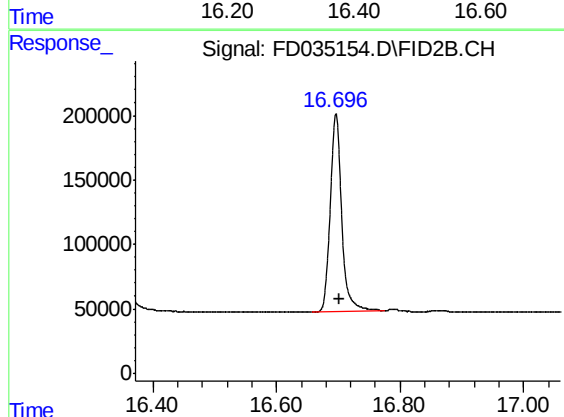
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.317 min
Delta R.T.: 0.000 min
Response: 2187469
Conc: 21.31 ug/ml



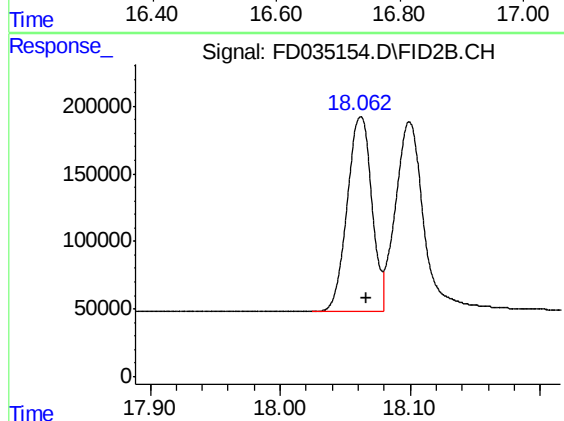
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.349 min
Delta R.T.: 0.000 min
Response: 2231820
Conc: 21.28 ug/ml



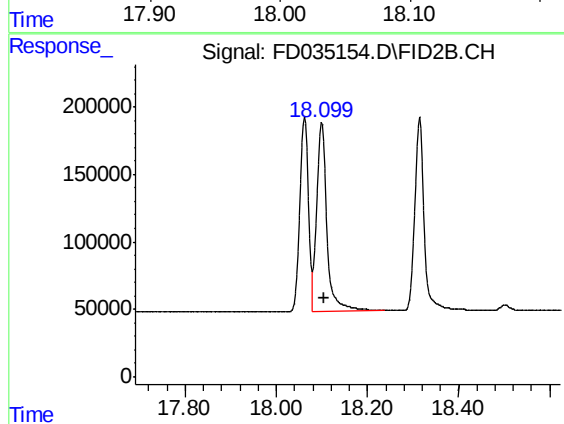
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.696 min
Delta R.T.: -0.007 min
Response: 1970168
Conc: 20.80 ug/ml



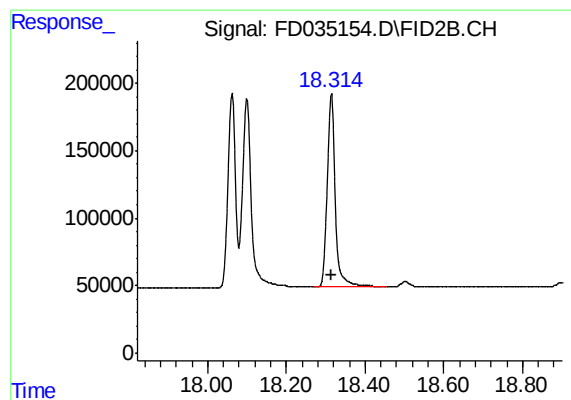
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.062 min
Delta R.T.: -0.005 min
Response: 1884160
Conc: 21.24 ug/ml



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

R.T.: 18.100 min
Delta R.T.: -0.005 min
Response: 2176239
Conc: 21.46 ug/ml



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

R.T.: 18.314 min
Delta R.T.: 0.000 min
Response: 2025539
Conc: 21.20 ug/ml