

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120921AR\
 Data File : FD039771.D
 Signal(s) : FID2B.CH
 Acq On : 10 Dec 2021 3:06
 Operator : AJ\MA
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Dec 10 03:31:00 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 120921.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 10 03:17:47 2021
 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...	7.578	1281076	8.978 ug/ml
Spiked Amount 50.000		Recovery =	17.96%
6) S 2-Fluorobiphenyl (SURR)	8.440	839924	8.694 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	17.39%
11) S ortho-Terphenyl (SURR)	11.476	1484618	9.500 ug/ml
Spiked Amount 50.000		Recovery =	19.00%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.379	1393079	9.188 ug/ml
2) T Naphthalene (C11.7)	5.917	1339935	8.426 ug/ml
3) T 2-Methylnaphthalene (...)	6.968	1441430	8.901 ug/ml
5) T Acenaphthylene (C15.06)	8.241	1418723	9.333 ug/ml
7) T Acenaphthene (C15.5)	8.535	1508019	9.351 ug/ml
8) T Fluorene (C16.55)	9.316	1378237	8.762 ug/ml
9) T Phenanthrene (C19.36)	10.712	1427899	9.123 ug/ml
10) T Anthracene (C19.43)	10.787	1285387	8.647 ug/ml
12) T Fluoranthene (C21.85)	12.521	1445232	9.328 ug/ml
13) T Pyrene (C20.8)	12.817	1392571	9.254 ug/ml
14) T Benzo[a]anthracene (C...	14.688	1130488	8.601 ug/ml
15) T Chrysene (C27.41)	14.729	1238834	8.904 ug/ml
16) T benzo[b]fluoranthene ...	16.237	1090060	8.568 ug/ml
17) T Bnezo[k]fluoranthene ...	16.268	1159082	9.093 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.615	966360	8.032 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.979	913401	8.377 ug/ml
20) T Dibenz[a,h]anthracene...	18.018	935393	8.786 ug/ml
21) T Benzo[g,h,i]perylene ...	18.229	1009084	9.130 ug/ml

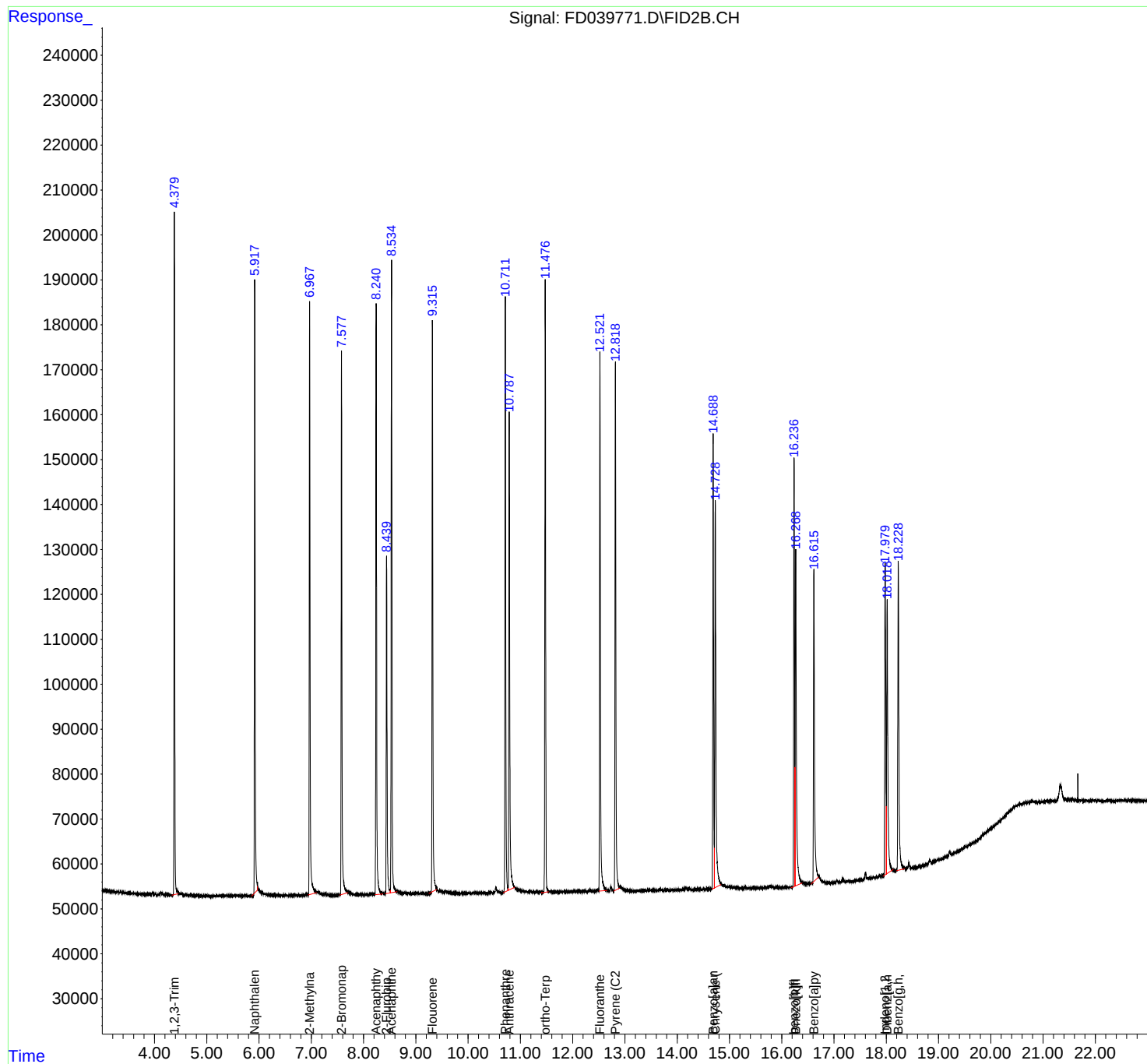
(f)=RT Delta > 1/2 Window

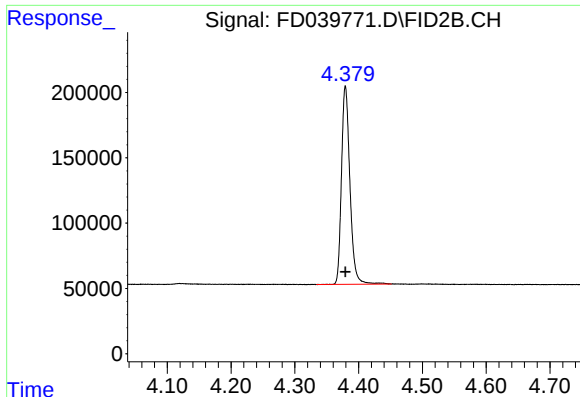
(m)=manual int.

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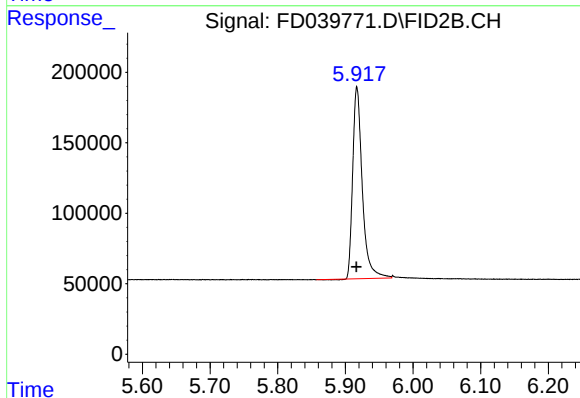
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Signal Info : 20M x 0.18mm x 0.18µm





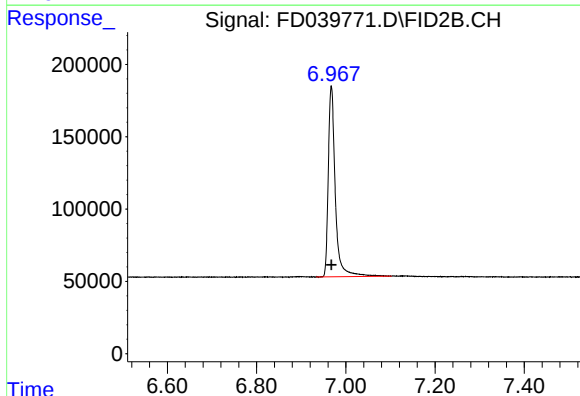
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.379 min
Delta R.T.: 0.000 min
Response: 1393079
Conc: 9.19 ug/ml



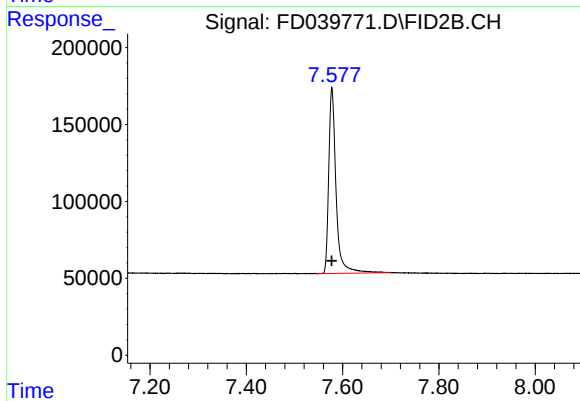
#2 Naphthalene (C11.7)

R.T.: 5.917 min
Delta R.T.: 0.000 min
Response: 1339935
Conc: 8.43 ug/ml



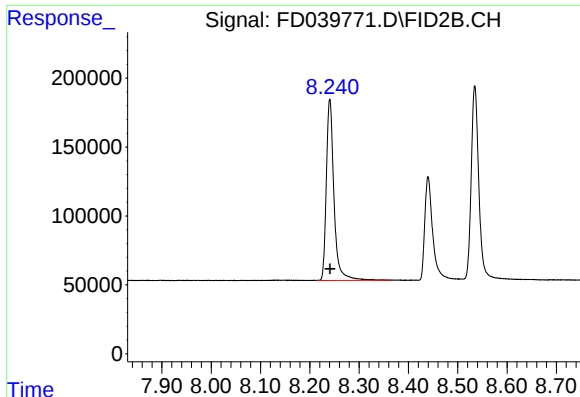
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.968 min
Delta R.T.: 0.000 min
Response: 1441430
Conc: 8.90 ug/ml



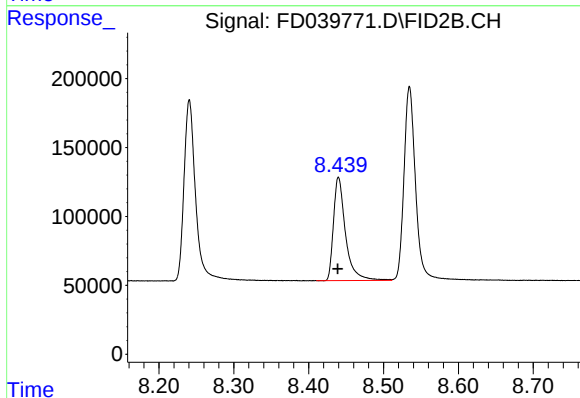
#4 2-Bromonaphthalene (SURR)

R.T.: 7.578 min
Delta R.T.: 0.000 min
Response: 1281076
Conc: 8.98 ug/ml



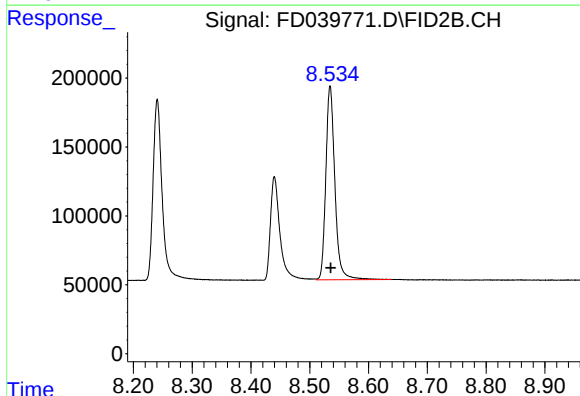
#5 Acenaphthylene (C15.06)

R.T.: 8.241 min
Delta R.T.: 0.000 min
Response: 1418723
Conc: 9.33 ug/ml



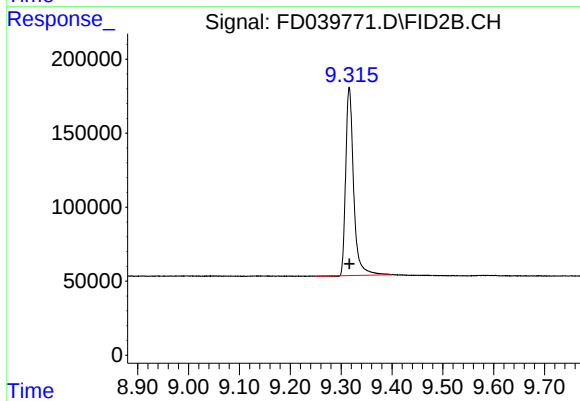
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.440 min
Delta R.T.: 0.000 min
Response: 839924
Conc: 8.69 ug/ml



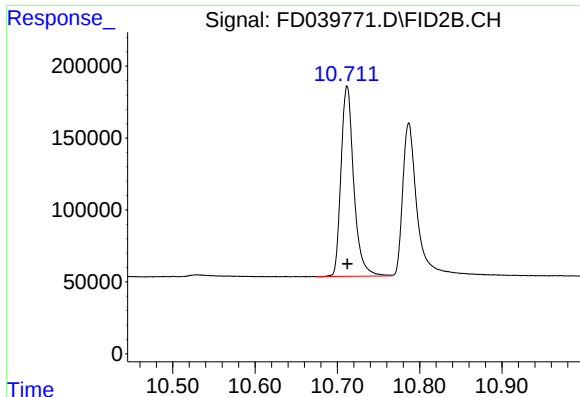
#7 Acenaphthene (C15.5)

R.T.: 8.535 min
Delta R.T.: 0.000 min
Response: 1508019
Conc: 9.35 ug/ml



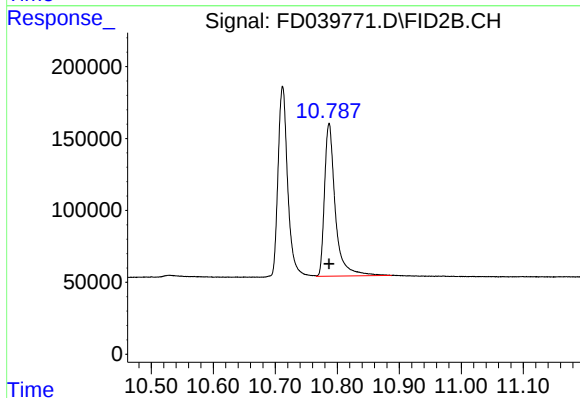
#8 Fluorene (C16.55)

R.T.: 9.316 min
Delta R.T.: 0.000 min
Response: 1378237
Conc: 8.76 ug/ml



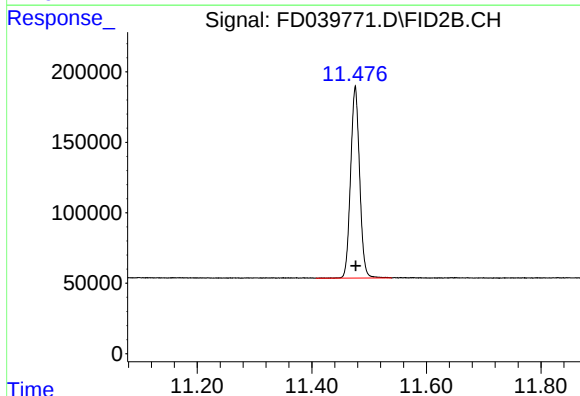
#9 Phenanthrene (C19.36)

R.T.: 10.712 min
Delta R.T.: 0.000 min
Response: 1427899
Conc: 9.12 ug/ml



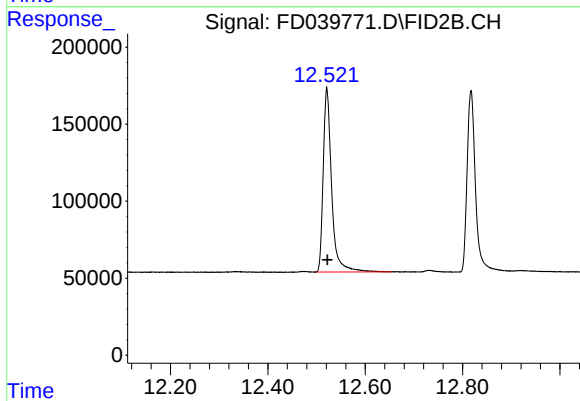
#10 Anthracene (C19.43)

R.T.: 10.787 min
Delta R.T.: 0.000 min
Response: 1285387
Conc: 8.65 ug/ml



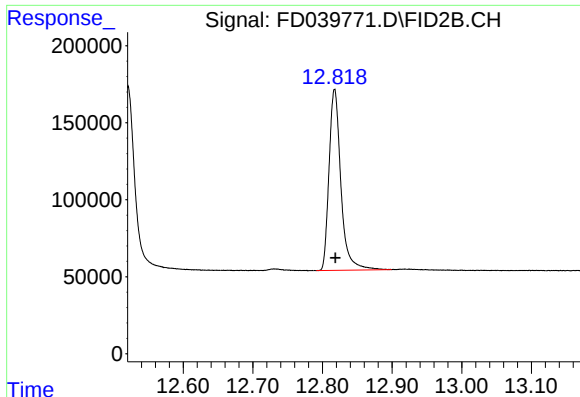
#11 ortho-Terphenyl (SURR)

R.T.: 11.476 min
Delta R.T.: 0.000 min
Response: 1484618
Conc: 9.50 ug/ml



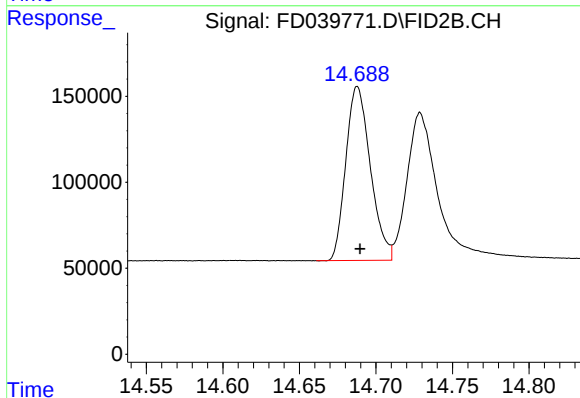
#12 Fluoranthene (C21.85)

R.T.: 12.521 min
Delta R.T.: -0.001 min
Response: 1445232
Conc: 9.33 ug/ml



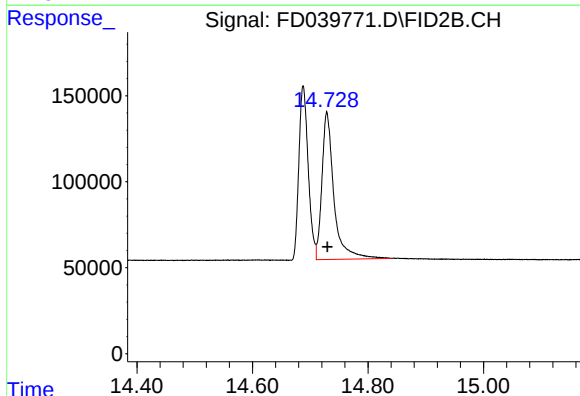
#13 Pyrene (C20.8)

R.T.: 12.817 min
Delta R.T.: -0.001 min
Response: 1392571
Conc: 9.25 ug/ml



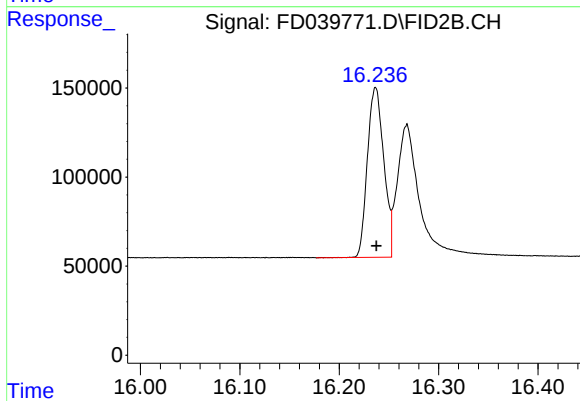
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.688 min
Delta R.T.: -0.002 min
Response: 1130488
Conc: 8.60 ug/ml



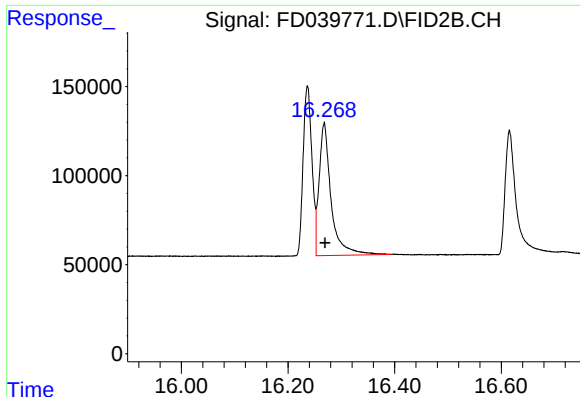
#15 Chrysene (C27.41)

R.T.: 14.729 min
Delta R.T.: -0.001 min
Response: 1238834
Conc: 8.90 ug/ml



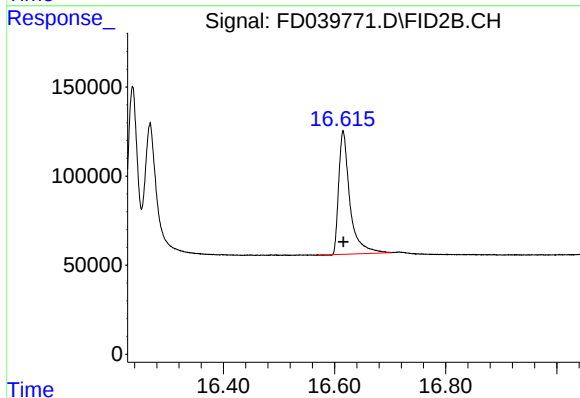
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.237 min
Delta R.T.: 0.000 min
Response: 1090060
Conc: 8.57 ug/ml



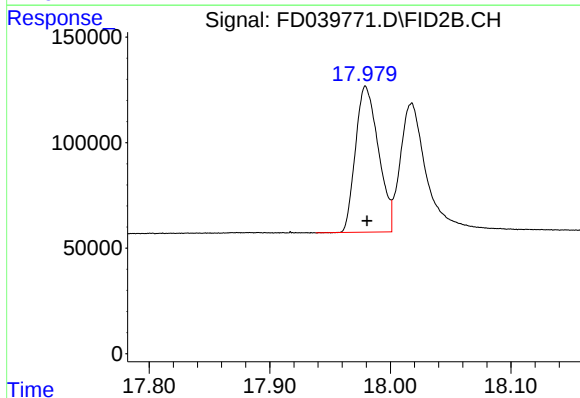
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.268 min
Delta R.T.: -0.001 min
Response: 1159082
Conc: 9.09 ug/ml



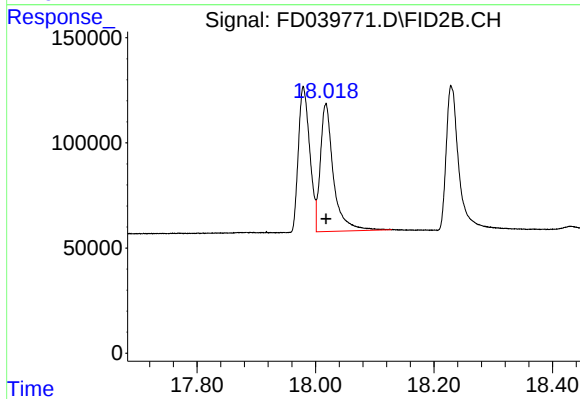
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.615 min
Delta R.T.: 0.000 min
Response: 966360
Conc: 8.03 ug/ml



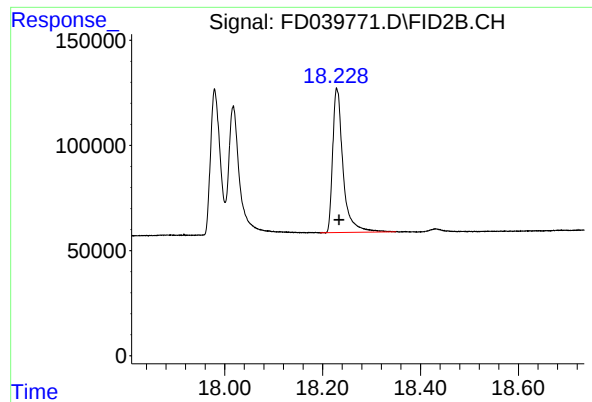
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.979 min
Delta R.T.: -0.001 min
Response: 913401
Conc: 8.38 ug/ml



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

R.T.: 18.018 min
Delta R.T.: 0.000 min
Response: 935393
Conc: 8.79 ug/ml



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

R.T.: 18.229 min
Delta R.T.: -0.005 min
Response: 1009084
Conc: 9.13 ug/ml