

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080321AR\
 Data File : FD038399.D
 Signal(s) : FID2B.CH
 Acq On : 04 Aug 2021 1:16
 Operator : AJ\MA
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Aug 04 10:57:22 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 080321.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 04 10:56:20 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...	7.476	1245113	9.825 ug/ml
Spiked Amount 50.000		Recovery =	19.65%
6) S 2-Fluorobiphenyl (SURR)	8.336	843994	9.721 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	19.44%
11) S ortho-Terphenyl (SURR)	11.368	1463304	10.201 ug/ml
Spiked Amount 50.000		Recovery =	20.40%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.286	1390270	9.913 ug/ml
2) T Naphthalene (C11.7)	5.816	1438065	9.875 ug/ml
3) T 2-Methylnaphthalene (...)	6.866	1412699	9.741 ug/ml
5) T Acenaphthylene (C15.06)	8.136	1467623	10.165 ug/ml
7) T Acenaphthene (C15.5)	8.430	1503776	10.046 ug/ml
8) T Fluorene (C16.55)	9.211	1439525	10.102 ug/ml
9) T Phenanthrene (C19.36)	10.604	1411647	10.001 ug/ml
10) T Anthracene (C19.43)	10.680	1376738	10.071 ug/ml
12) T Fluoranthene (C21.85)	12.414	1418379	10.098 ug/ml
13) T Pyrene (C20.8)	12.709	1412462	10.083 ug/ml
14) T Benzo[a]anthracene (C...	14.582	1255547	9.806 ug/ml
15) T Chrysene (C27.41)	14.623	1387590	10.047 ug/ml
16) T benzo[b]fluoranthene ...	16.133	1220002	9.756 ug/ml
17) T Bnezo[k]fluoranthene ...	16.164	1315865	9.981 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.514	1190136	9.958 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.882	1070897	9.720 ug/ml
20) T Dibenz[a,h]anthracene...	17.917	1253526	10.184 ug/ml
21) T Benzo[g,h,i]perylene ...	18.133	1142644	9.975 ug/ml

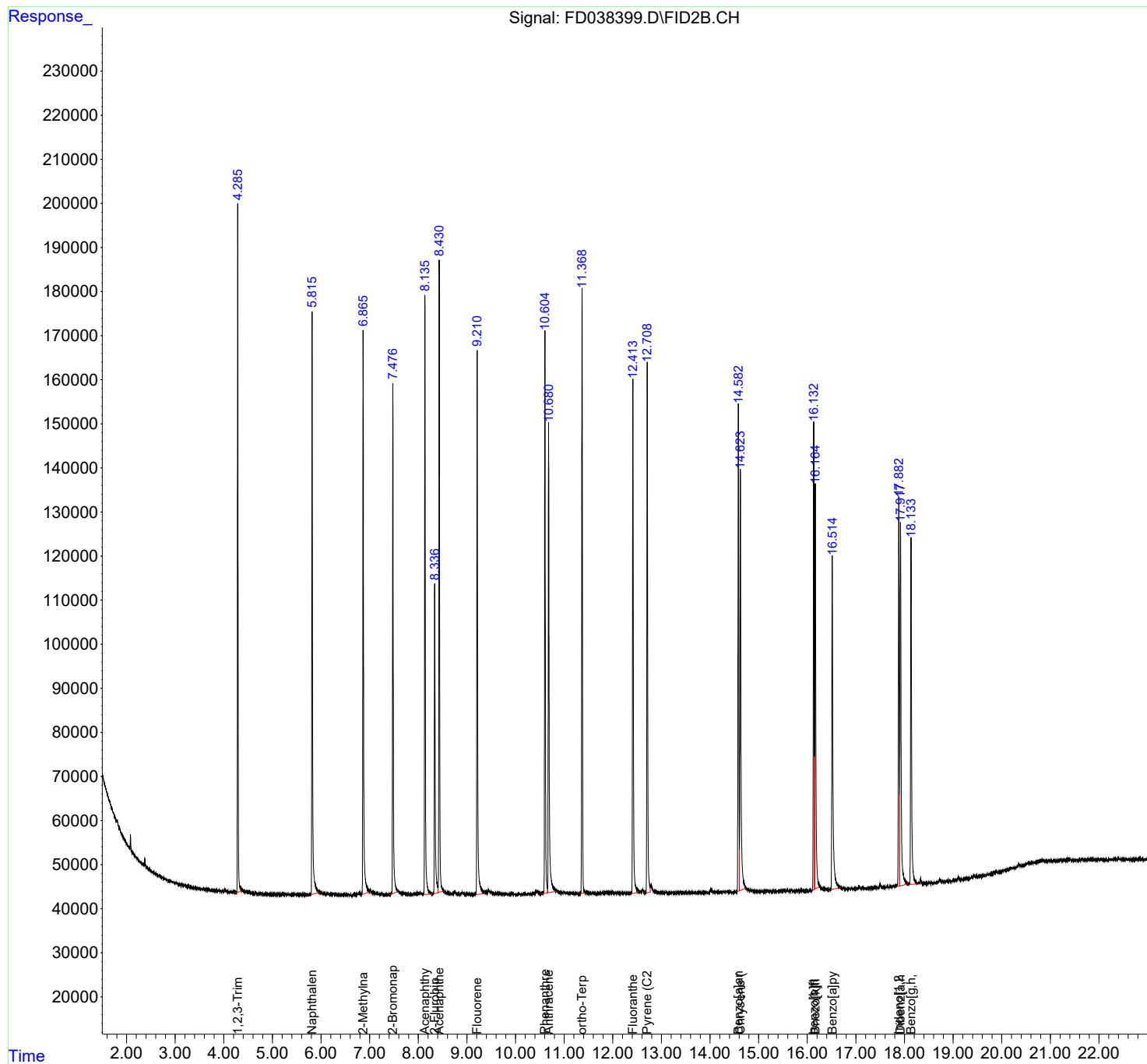
(f)=RT Delta > 1/2 Window

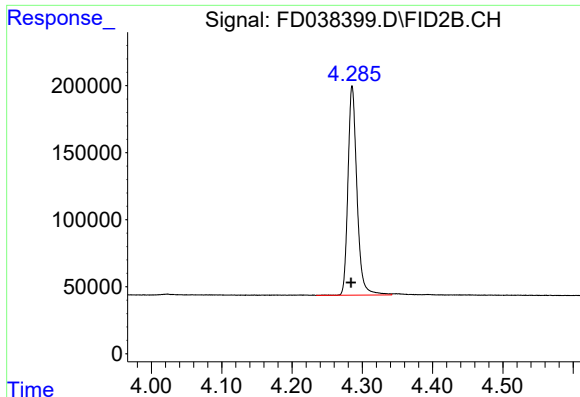
(m)=manual int.

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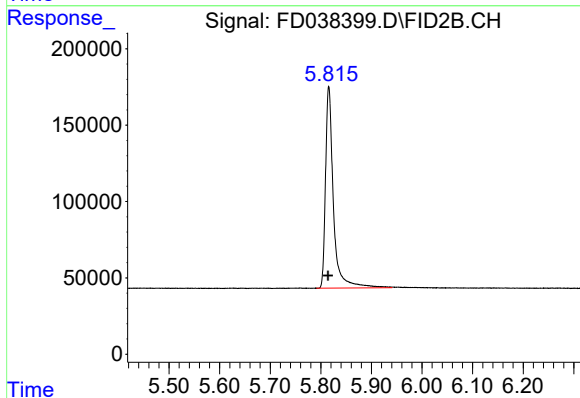
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





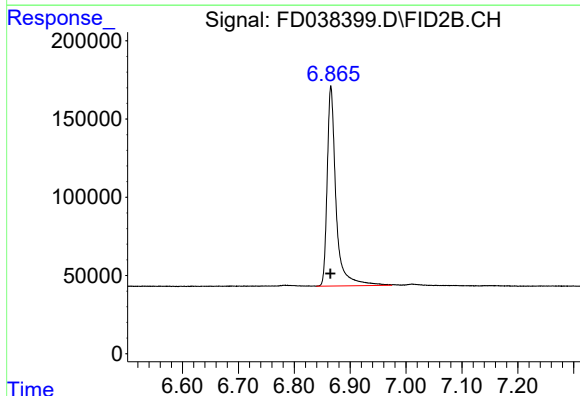
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.286 min
Delta R.T.: 0.002 min
Response: 1390270
Conc: 9.91 ug/ml



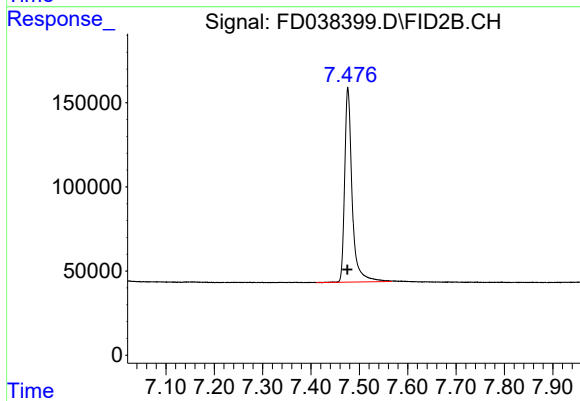
#2 Naphthalene (C11.7)

R.T.: 5.816 min
Delta R.T.: 0.002 min
Response: 1438065
Conc: 9.87 ug/ml



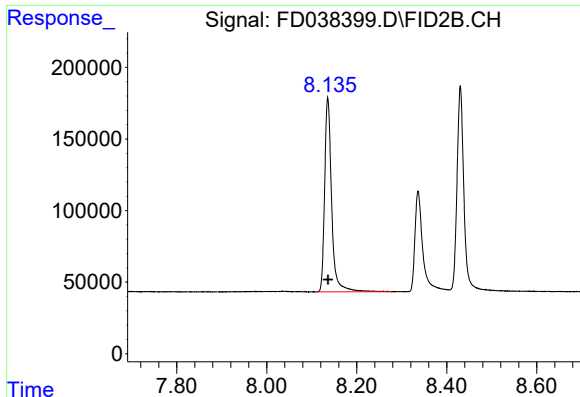
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.866 min
Delta R.T.: 0.000 min
Response: 1412699
Conc: 9.74 ug/ml



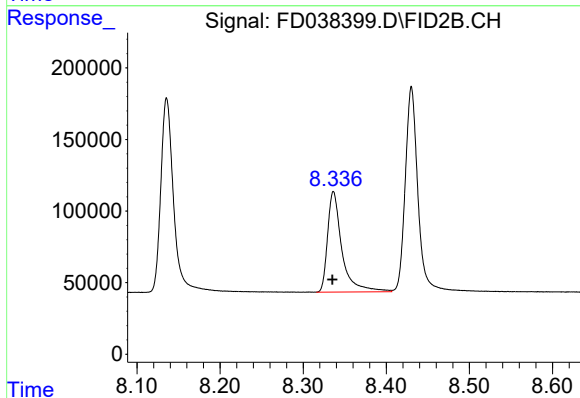
#4 2-Bromonaphthalene (SURR)

R.T.: 7.476 min
Delta R.T.: 0.000 min
Response: 1245113
Conc: 9.82 ug/ml



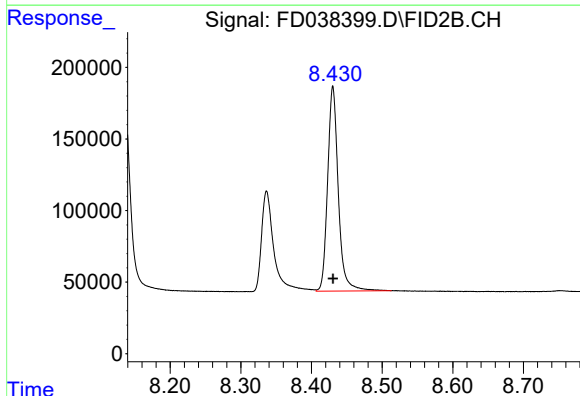
#5 Acenaphthylene (C15.06)

R.T.: 8.136 min
Delta R.T.: 0.000 min
Response: 1467623
Conc: 10.16 ug/ml



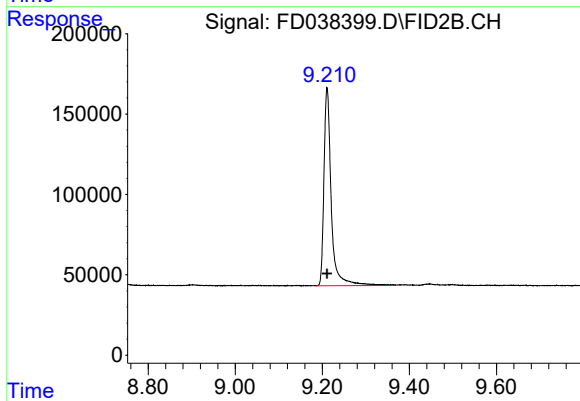
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.336 min
Delta R.T.: 0.001 min
Response: 843994
Conc: 9.72 ug/ml



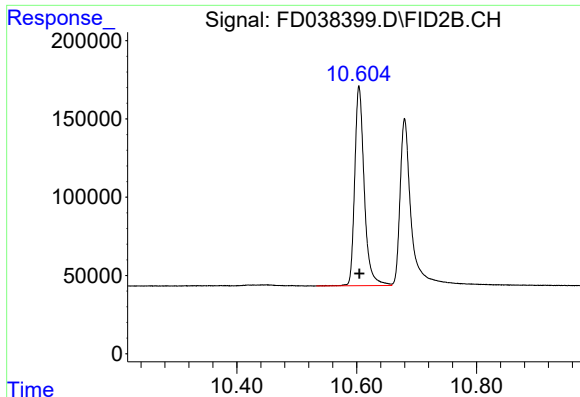
#7 Acenaphthene (C15.5)

R.T.: 8.430 min
Delta R.T.: 0.000 min
Response: 1503776
Conc: 10.05 ug/ml



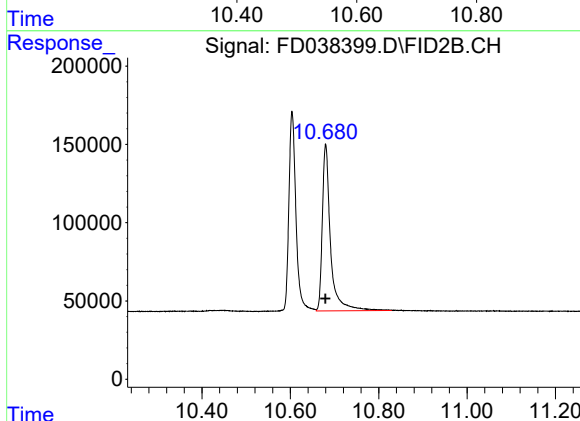
#8 Fluorene (C16.55)

R.T.: 9.211 min
Delta R.T.: 0.000 min
Response: 1439525
Conc: 10.10 ug/ml



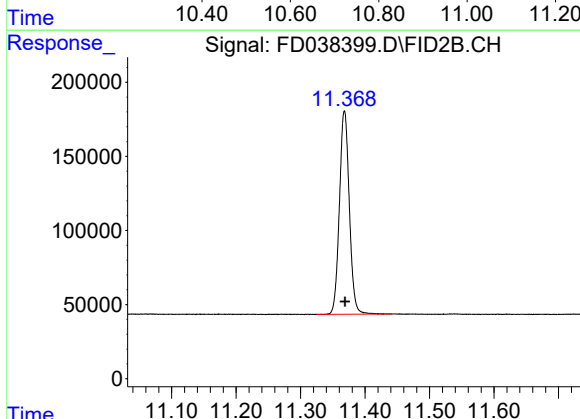
#9 Phenanthrene (C19.36)

R.T.: 10.604 min
Delta R.T.: 0.000 min
Response: 1411647
Conc: 10.00 ug/ml



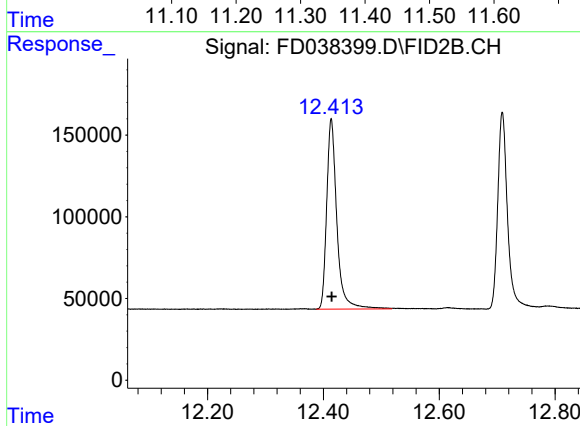
#10 Anthracene (C19.43)

R.T.: 10.680 min
Delta R.T.: 0.000 min
Response: 1376738
Conc: 10.07 ug/ml



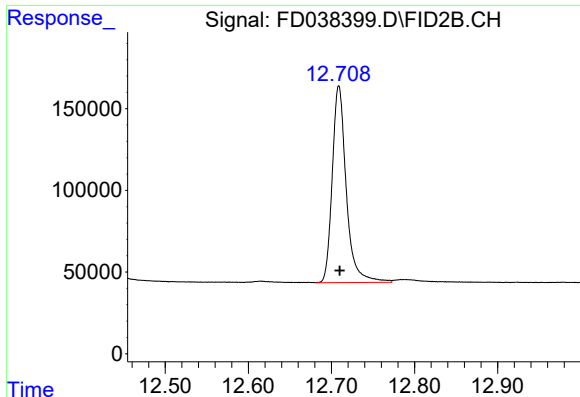
#11 ortho-Terphenyl (SURR)

R.T.: 11.368 min
Delta R.T.: 0.000 min
Response: 1463304
Conc: 10.20 ug/ml



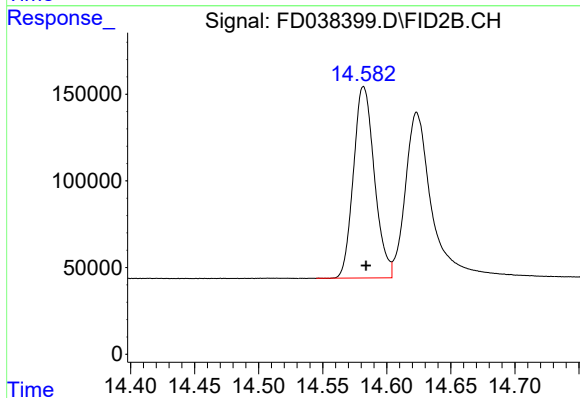
#12 Fluoranthene (C21.85)

R.T.: 12.414 min
Delta R.T.: 0.000 min
Response: 1418379
Conc: 10.10 ug/ml



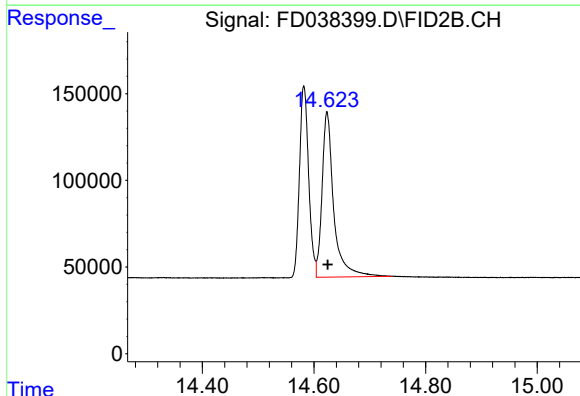
#13 Pyrene (C20.8)

R.T.: 12.709 min
Delta R.T.: 0.000 min
Response: 1412462
Conc: 10.08 ug/ml



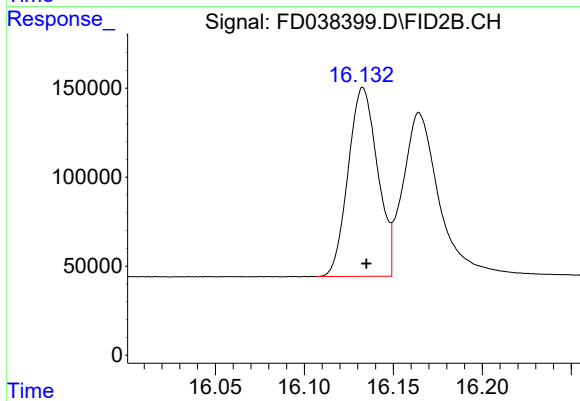
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.582 min
Delta R.T.: -0.002 min
Response: 1255547
Conc: 9.81 ug/ml



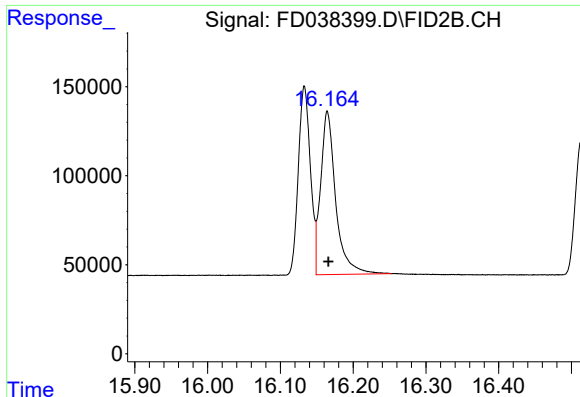
#15 Chrysene (C27.41)

R.T.: 14.623 min
Delta R.T.: -0.001 min
Response: 1387590
Conc: 10.05 ug/ml



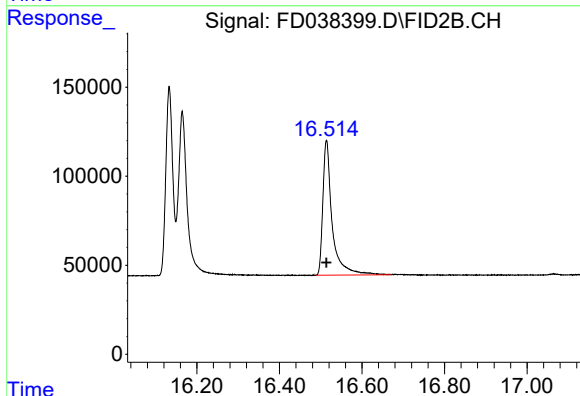
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.133 min
Delta R.T.: -0.002 min
Response: 1220002
Conc: 9.76 ug/ml



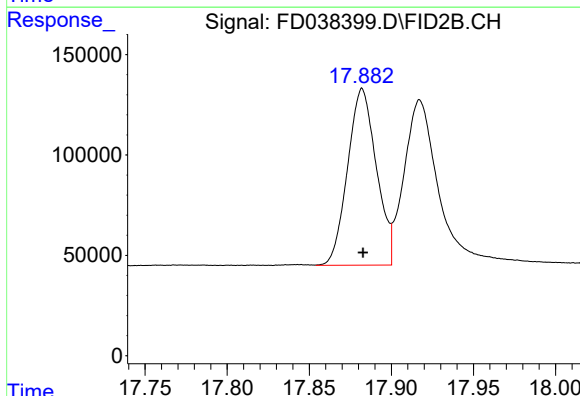
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.164 min
Delta R.T.: -0.002 min
Response: 1315865
Conc: 9.98 ug/ml



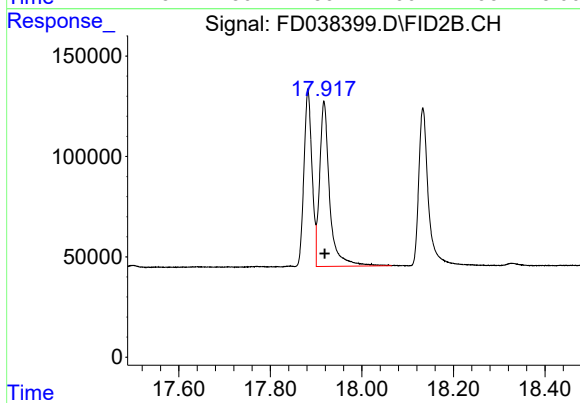
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.514 min
Delta R.T.: 0.000 min
Response: 1190136
Conc: 9.96 ug/ml



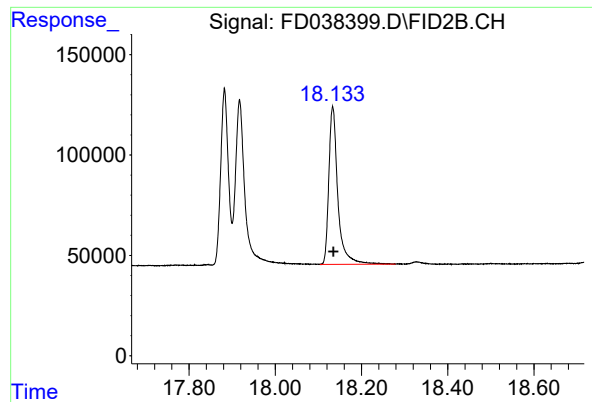
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.882 min
Delta R.T.: 0.000 min
Response: 1070897
Conc: 9.72 ug/ml



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

R.T.: 17.917 min
Delta R.T.: -0.001 min
Response: 1253526
Conc: 10.18 ug/ml



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

R.T.: 18.133 min
Delta R.T.: -0.001 min
Response: 1142644
Conc: 9.98 ug/ml