

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120219AR\
 Data File : FD031757.D
 Signal(s) : FID2B.CH
 Acq On : 02 Dec 2019 13:33
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: sample.E
 Quant Time: Dec 03 01:09:59 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110519.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 06 03:03:26 2019
 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...	7.650	2105279	17.686 ug/ml
Spiked Amount 50.000		Recovery =	35.37%
6) S 2-Fluorobiphenyl (SURR)	8.514	1405534	17.059 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	34.12%
11) S ortho-Terphenyl (SURR)	11.551	2130428	16.648 ug/ml
Spiked Amount 50.000		Recovery =	33.30%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.451	2325231	19.372 ug/ml
2) T Naphthalene (C11.7)	5.991	2372425	18.426 ug/ml
3) T 2-Methylnaphthalene (...)	7.042	2308468	17.975 ug/ml
5) T Acenaphthylene (C15.06)	8.317	2165738	17.204 ug/ml
7) T Acenaphthene (C15.5)	8.612	2254898	17.222 ug/ml
8) T Fluorene (C16.55)	9.392	2198563	16.816 ug/ml
9) T Phenanthrene (C19.36)	10.787	2164637	16.429 ug/ml
10) T Anthracene (C19.43)	10.862	2131070	16.527 ug/ml
12) T Fluoranthene (C21.85)	12.598	2157251	16.278 ug/ml
13) T Pyrene (C20.8)	12.895	2143038	16.272 ug/ml
14) T Benzo[a]anthracene (C...	14.765	2087797	16.493 ug/ml
15) T Chrysene (C27.41)	14.807	2102056	16.573 ug/ml
16) T benzo[b]fluoranthene ...	16.314	2143156	17.073 ug/ml
17) T Bnezo[k]fluoranthene ...	16.346	2104898	16.727 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.692	2114077	17.036 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.056	2076351	17.070 ug/ml
20) T Dibenz[a,h]anthracene...	18.095	2052785	16.578 ug/ml
21) T Benzo[g,h,i]perylene ...	18.311	2077363	17.220 ug/ml

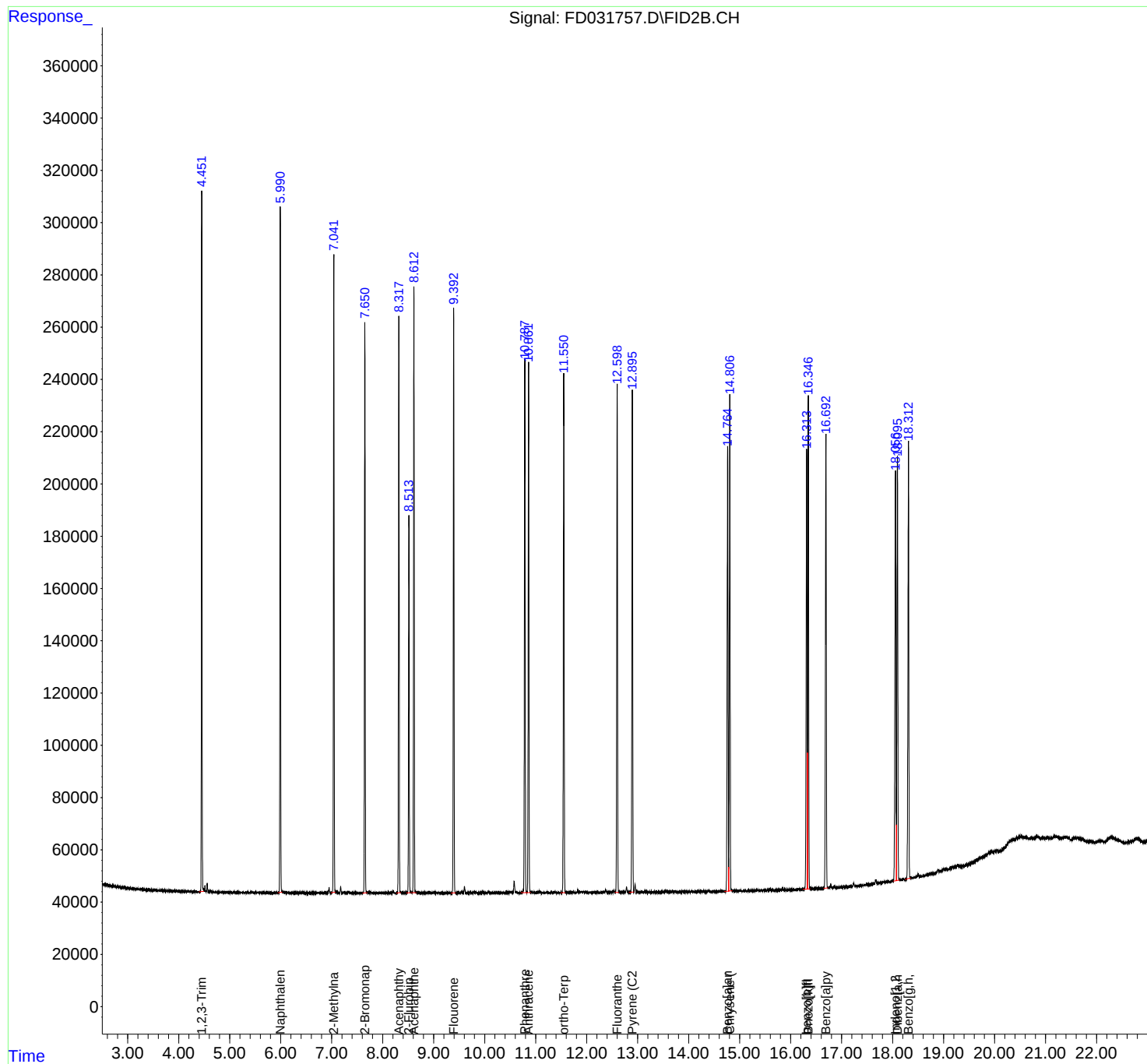
(f)=RT Delta > 1/2 Window

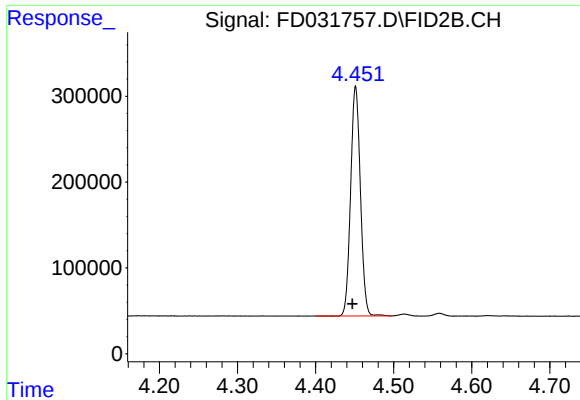
(m)=manual int.

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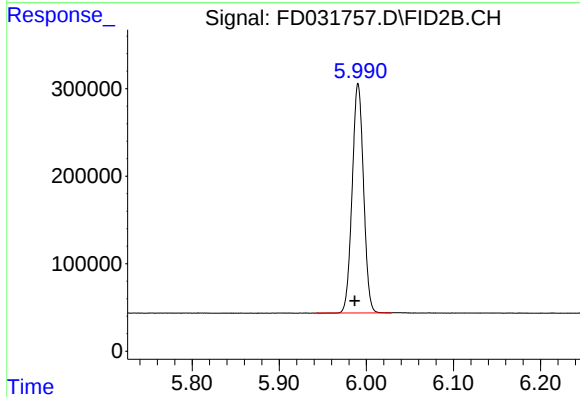
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Signal Info : 20M x 0.18mm x 0.18µm





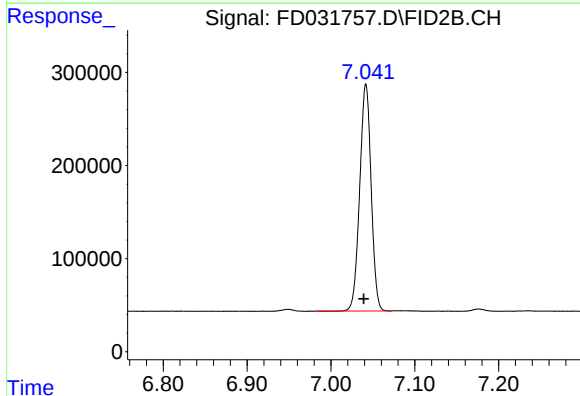
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.451 min
Delta R.T.: 0.004 min
Response: 2325231
Conc: 19.37 ug/ml



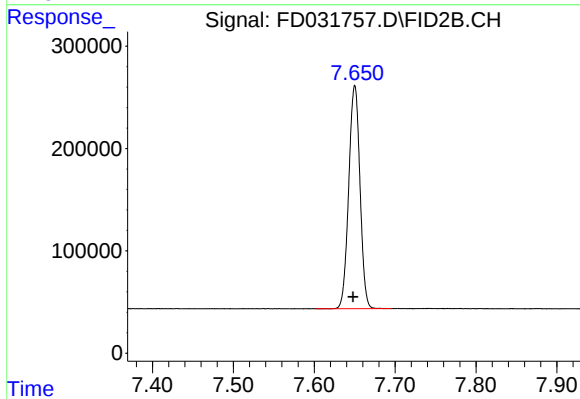
#2 Naphthalene (C11.7)

R.T.: 5.991 min
Delta R.T.: 0.004 min
Response: 2372425
Conc: 18.43 ug/ml



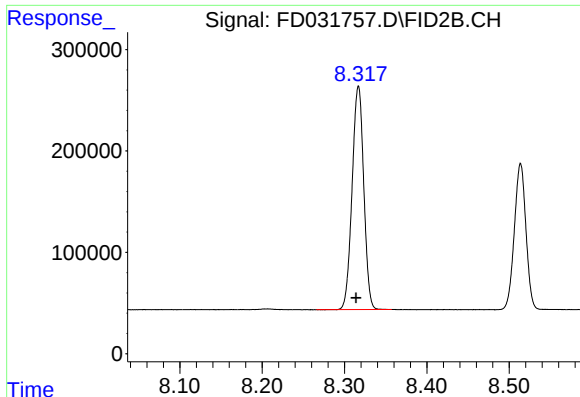
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.042 min
Delta R.T.: 0.003 min
Response: 2308468
Conc: 17.97 ug/ml



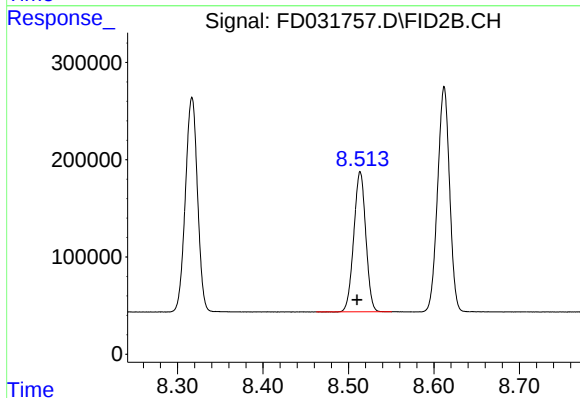
#4 2-Bromonaphthalene (SURR)

R.T.: 7.650 min
Delta R.T.: 0.002 min
Response: 2105279
Conc: 17.69 ug/ml



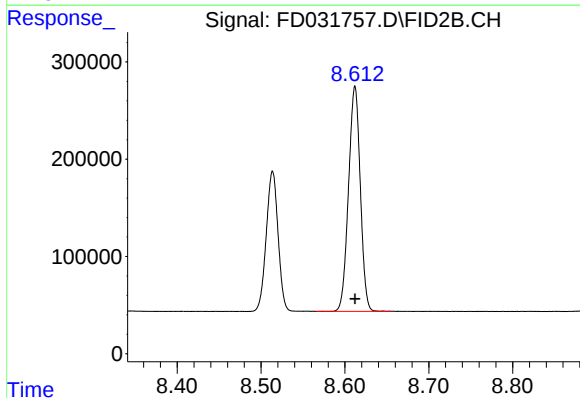
#5 Acenaphthylene (C15.06)

R.T.: 8.317 min
Delta R.T.: 0.003 min
Response: 2165738
Conc: 17.20 ug/ml



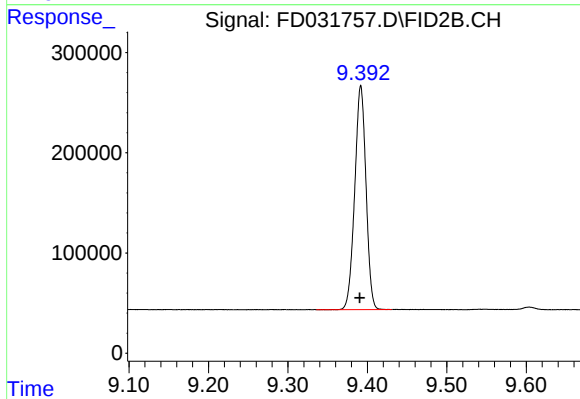
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.514 min
Delta R.T.: 0.004 min
Response: 1405534
Conc: 17.06 ug/ml



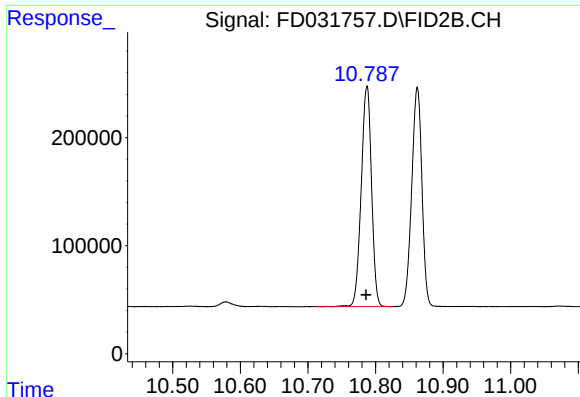
#7 Acenaphthene (C15.5)

R.T.: 8.612 min
Delta R.T.: 0.000 min
Response: 2254898
Conc: 17.22 ug/ml



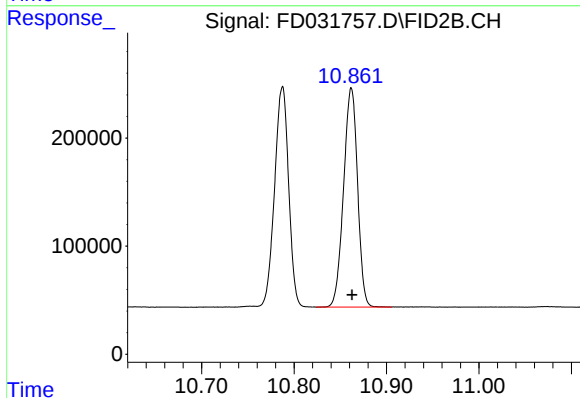
#8 Fluorene (C16.55)

R.T.: 9.392 min
Delta R.T.: 0.001 min
Response: 2198563
Conc: 16.82 ug/ml



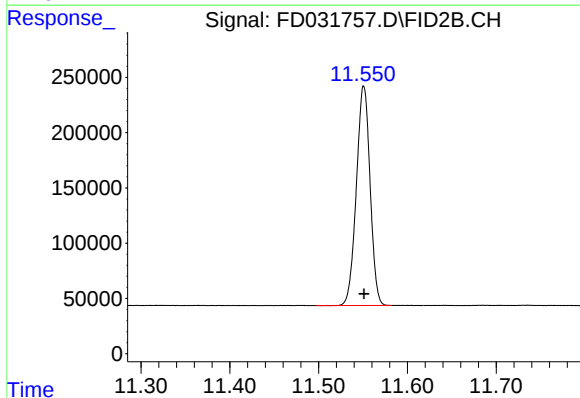
#9 Phenanthrene (C19.36)

R.T.: 10.787 min
Delta R.T.: 0.001 min
Response: 2164637
Conc: 16.43 ug/ml



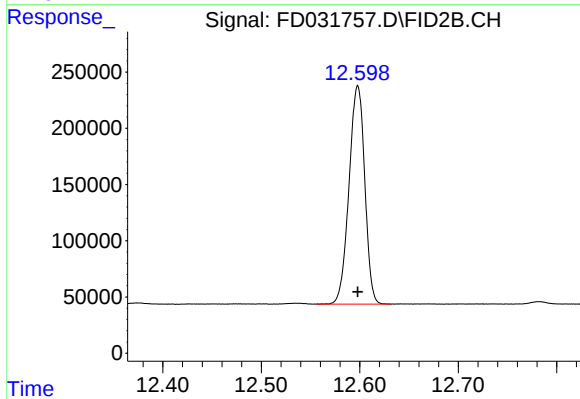
#10 Anthracene (C19.43)

R.T.: 10.862 min
Delta R.T.: 0.000 min
Response: 2131070
Conc: 16.53 ug/ml



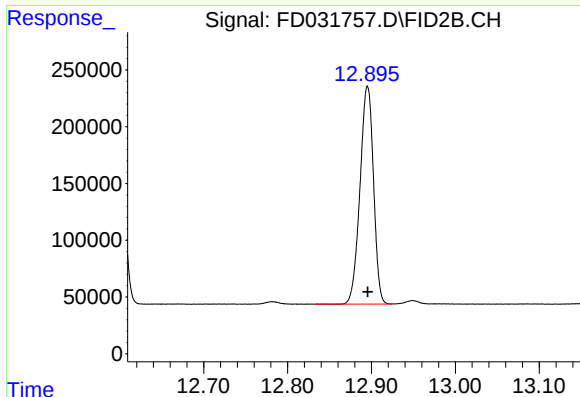
#11 ortho-Terphenyl (SURR)

R.T.: 11.551 min
Delta R.T.: 0.000 min
Response: 2130428
Conc: 16.65 ug/ml



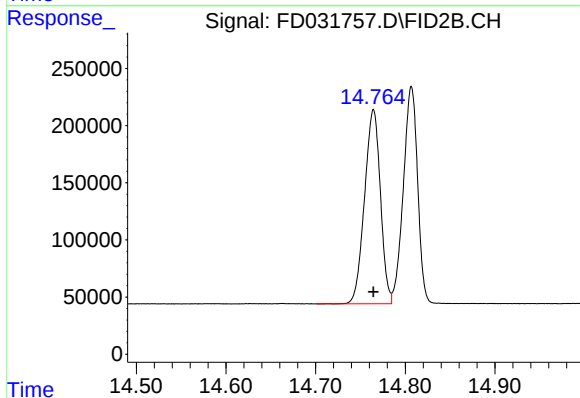
#12 Fluoranthene (C21.85)

R.T.: 12.598 min
Delta R.T.: 0.000 min
Response: 2157251
Conc: 16.28 ug/ml



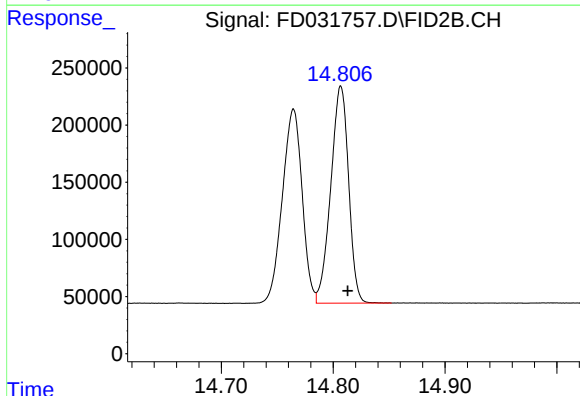
#13 Pyrene (C20.8)

R.T.: 12.895 min
Delta R.T.: 0.000 min
Response: 2143038
Conc: 16.27 ug/ml



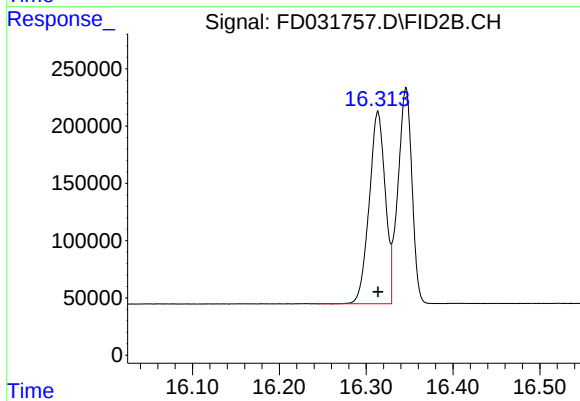
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.765 min
Delta R.T.: 0.000 min
Response: 2087797
Conc: 16.49 ug/ml



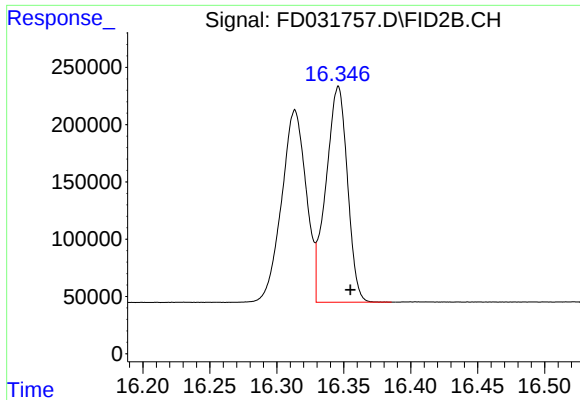
#15 Chrysene (C27.41)

R.T.: 14.807 min
Delta R.T.: -0.006 min
Response: 2102056
Conc: 16.57 ug/ml



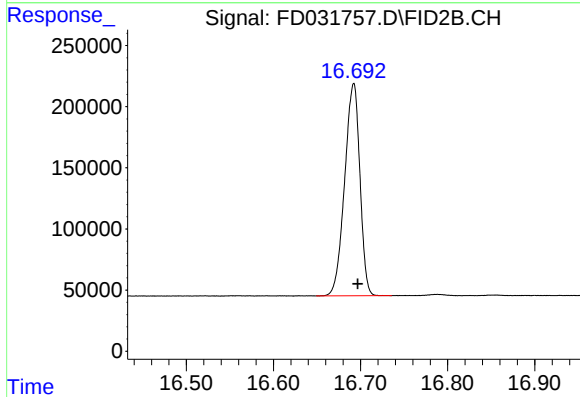
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.314 min
Delta R.T.: 0.000 min
Response: 2143156
Conc: 17.07 ug/ml



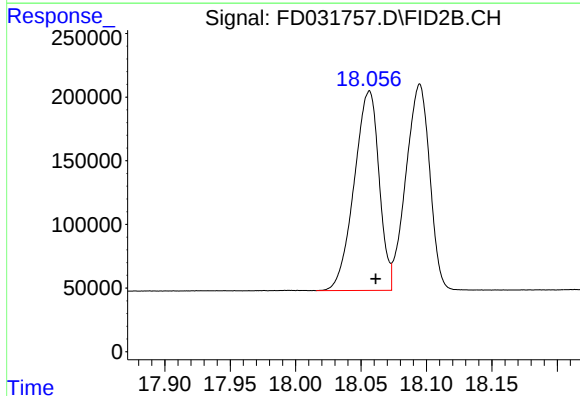
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.346 min
Delta R.T.: -0.009 min
Response: 2104898
Conc: 16.73 ug/ml



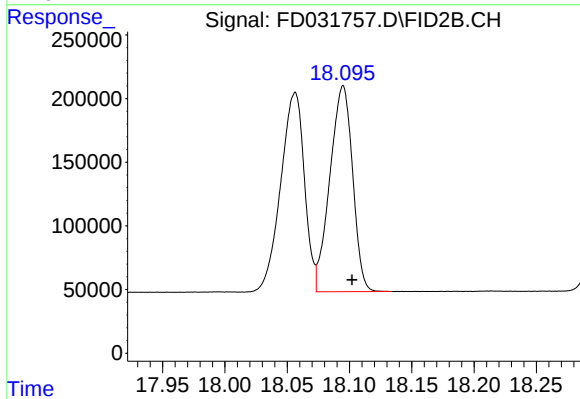
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.692 min
Delta R.T.: -0.005 min
Response: 2114077
Conc: 17.04 ug/ml



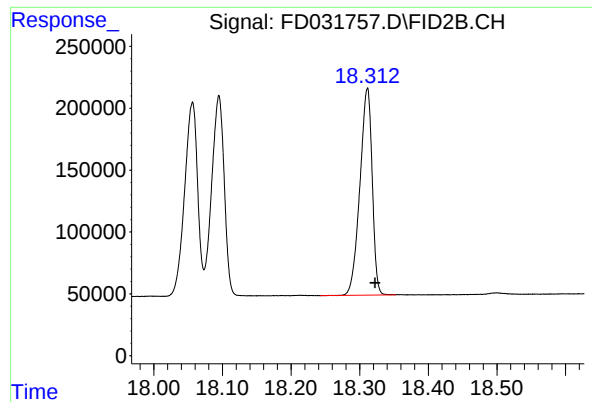
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.056 min
Delta R.T.: -0.005 min
Response: 2076351
Conc: 17.07 ug/ml



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

R.T.: 18.095 min
Delta R.T.: -0.007 min
Response: 2052785
Conc: 16.58 ug/ml



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

R.T.: 18.311 min
Delta R.T.: -0.011 min
Response: 2077363
Conc: 17.22 ug/ml