

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020824AR\
 Data File : FD047192.D
 Signal(s) : FID2B.ch
 Acq On : 08 Feb 2024 12:53
 Operator : YP/AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 08 13:40:53 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020824.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 08 13:39:35 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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...	7.468	759251	5.058 ug/ml
Spiked Amount 50.000		Recovery =	10.12%
6) S 2-Fluorobiphenyl (SURR)	8.321	488366	4.891 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	9.78%
11) S ortho-Terphenyl (SURR)	11.355	891058	5.105 ug/ml
Spiked Amount 50.000		Recovery =	10.21%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.284	789616	5.122 ug/ml
2) T Naphthalene (C11.7)	5.809	831211	5.099 ug/ml
3) T 2-Methylnaphthalene (...)	6.856	842681	5.073 ug/ml
5) T Acenaphthylene (C15.06)	8.123	757413	4.969 ug/ml
7) T Acenaphthene (C15.5)	8.417	834067	5.156 ug/ml
8) T Flouorene (C16.55)	9.196	763659	4.819 ug/ml
9) T Phenanthrene (C19.36)	10.583	759391	4.912 ug/ml
10) T Anthracene (C19.43)	10.658	733331	4.997 ug/ml
12) T Fluoranthene (C21.85)	12.384	752768	4.868 ug/ml
13) T Pyrene (C20.8)	12.678	734682	4.889 ug/ml
14) T Benzo[a]anthracene (C...	14.541	631914	4.650 ug/ml
15) T Chrysene (C27.41)	14.582	735511	5.018 ug/ml
16) T benzo[b]fluoranthene ...	16.082	660380	4.752 ug/ml
17) T Bnezo[k]fluoranthene ...	16.113	695859	4.950 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.459	665361	4.862 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.815	571283	4.453 ug/ml
20) T Dibenz[a,h]anthracene...	17.858	690472	5.130 ug/ml
21) T Benzo[g,h,i]perylene ...	18.064	658421	4.913 ug/ml

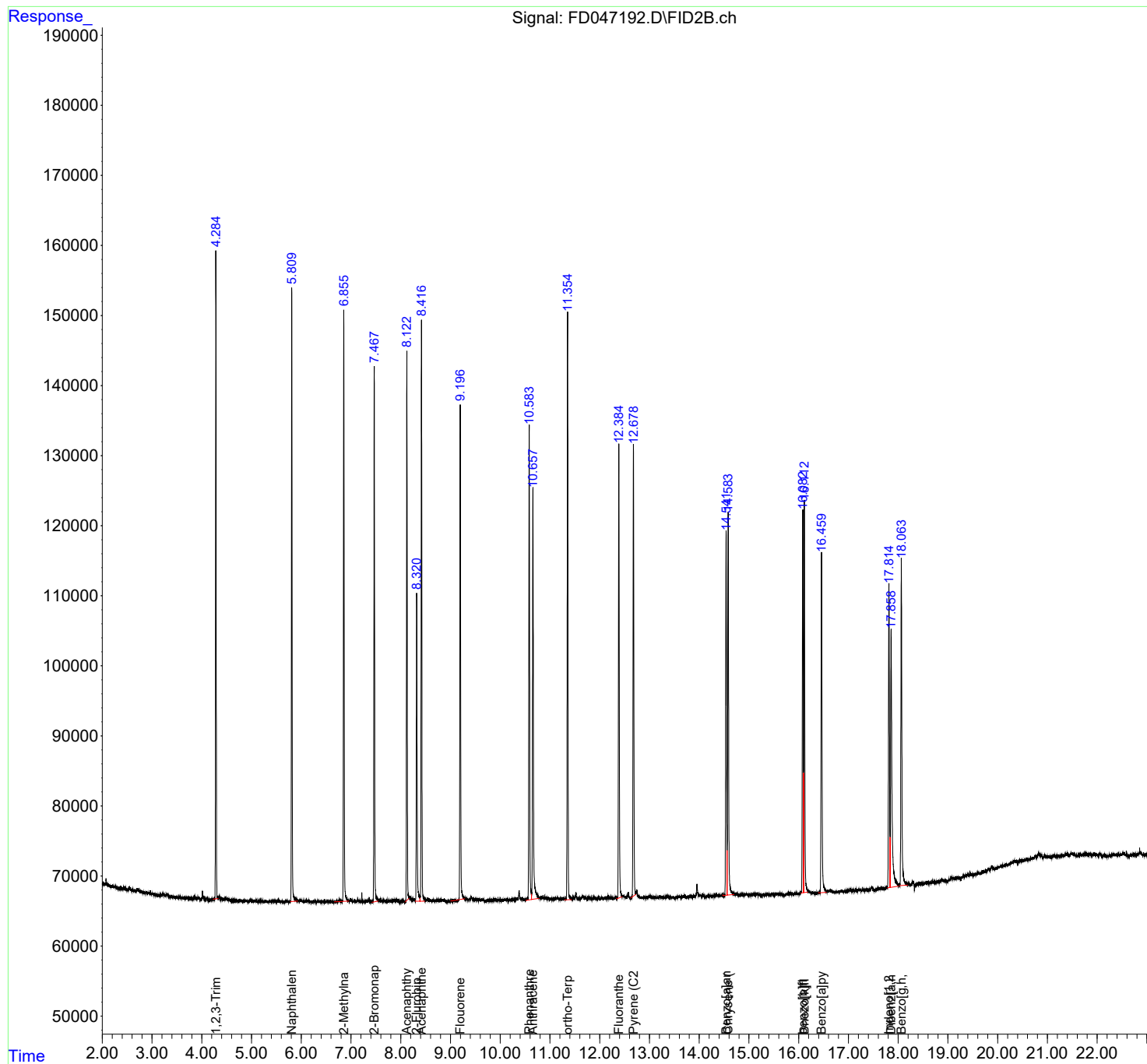
(f)=RT Delta > 1/2 Window

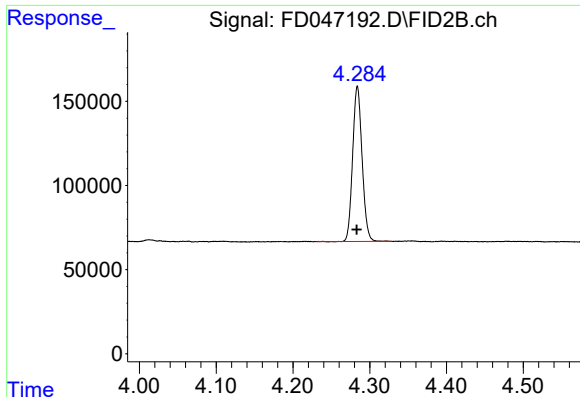
(m)=manual int.

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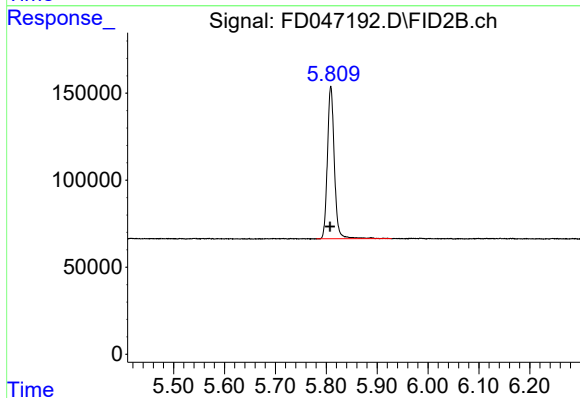
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Signal Info : 20M x 0.18mm x 0.18µm





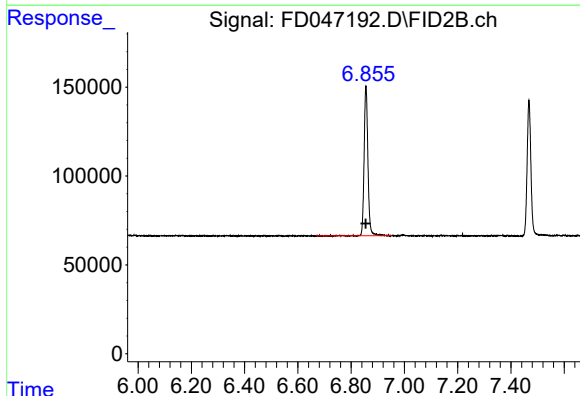
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.284 min
Delta R.T.: 0.000 min
Response: 789616
Conc: 5.12 ug/ml



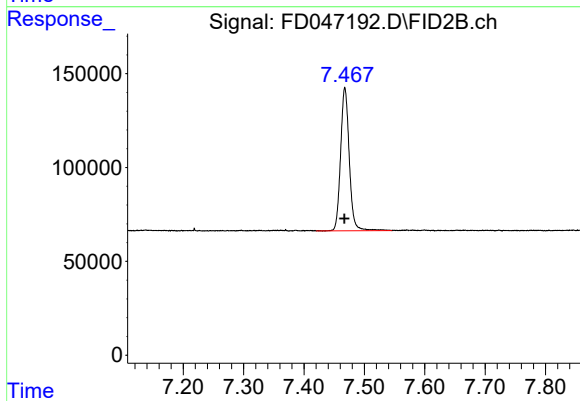
#2 Naphthalene (C11.7)

R.T.: 5.809 min
Delta R.T.: 0.001 min
Response: 831211
Conc: 5.10 ug/ml



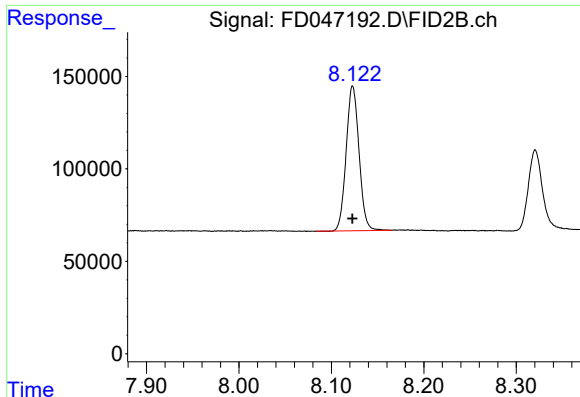
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.856 min
Delta R.T.: 0.000 min
Response: 842681
Conc: 5.07 ug/ml



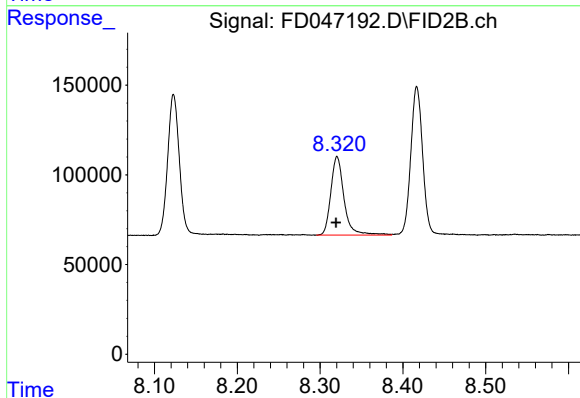
#4 2-Bromonaphthalene (SURR)

R.T.: 7.468 min
Delta R.T.: 0.000 min
Response: 759251
Conc: 5.06 ug/ml



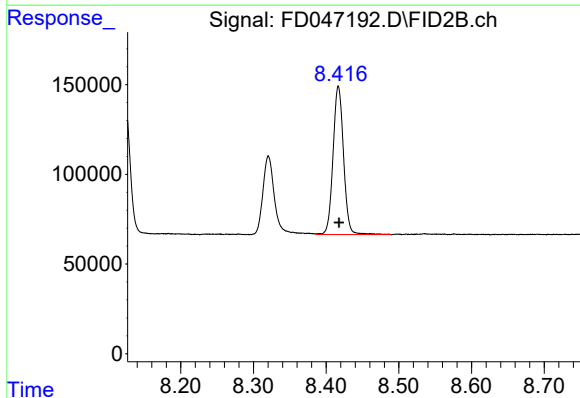
#5 Acenaphthylene (C15.06)

R.T.: 8.123 min
Delta R.T.: 0.000 min
Response: 757413
Conc: 4.97 ug/ml



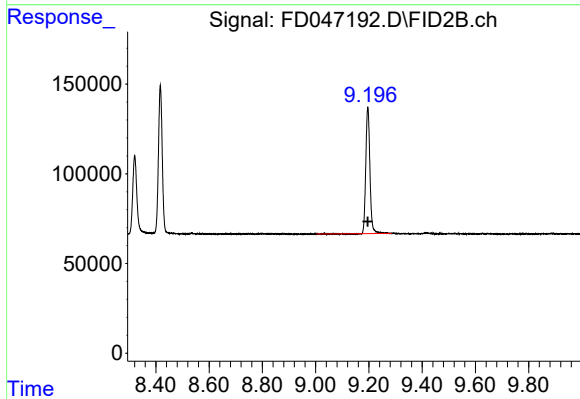
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.321 min
Delta R.T.: 0.001 min
Response: 488366
Conc: 4.89 ug/ml



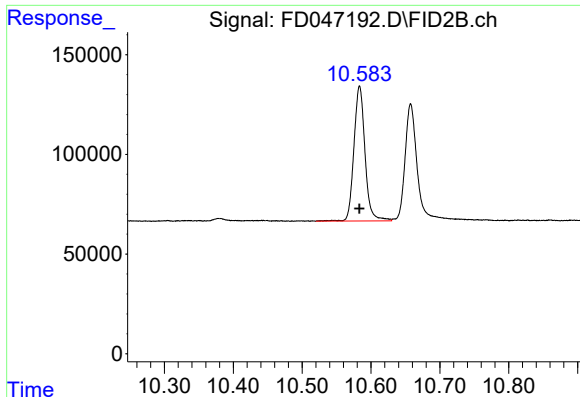
#7 Acenaphthene (C15.5)

R.T.: 8.417 min
Delta R.T.: 0.000 min
Response: 834067
Conc: 5.16 ug/ml



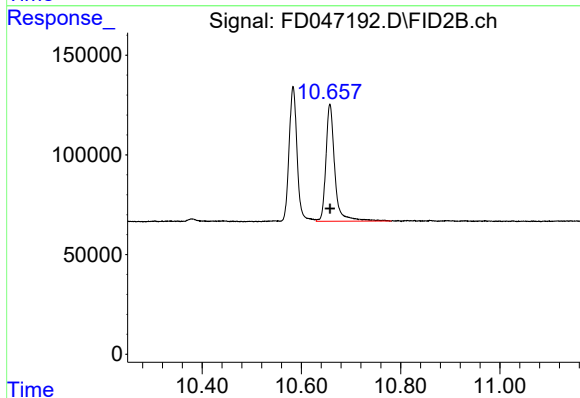
#8 Flouorene (C16.55)

R.T.: 9.196 min
Delta R.T.: 0.000 min
Response: 763659
Conc: 4.82 ug/ml



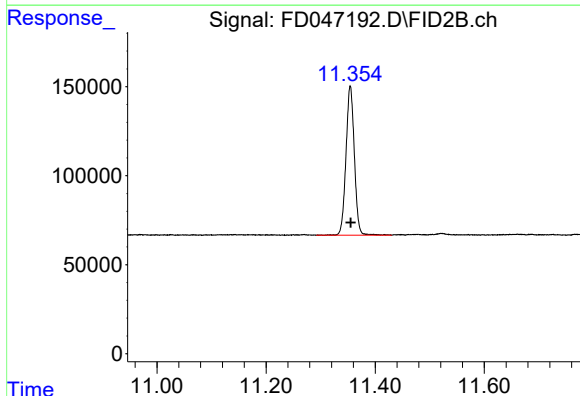
#9 Phenanthrene (C19.36)

R.T.: 10.583 min
Delta R.T.: 0.000 min
Response: 759391
Conc: 4.91 ug/ml



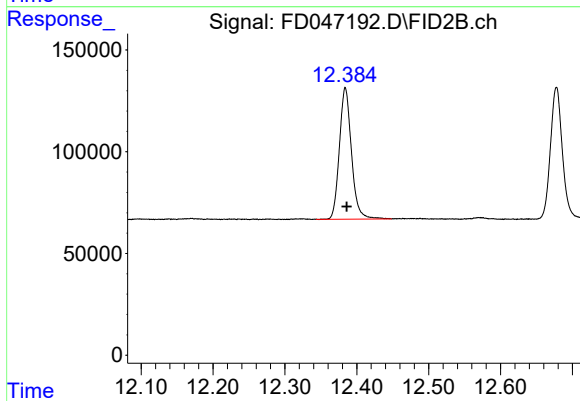
#10 Anthracene (C19.43)

R.T.: 10.658 min
Delta R.T.: 0.000 min
Response: 733331
Conc: 5.00 ug/ml



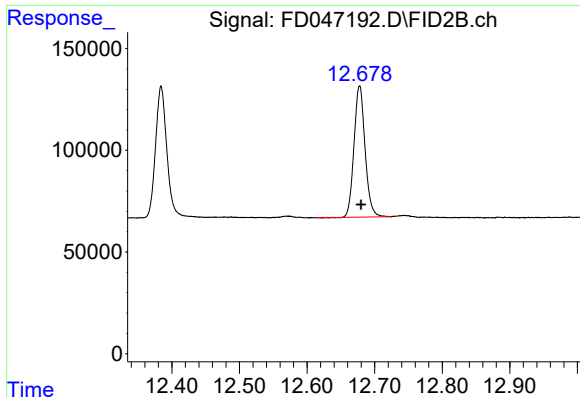
#11 ortho-Terphenyl (SURR)

R.T.: 11.355 min
Delta R.T.: 0.000 min
Response: 891058
Conc: 5.11 ug/ml



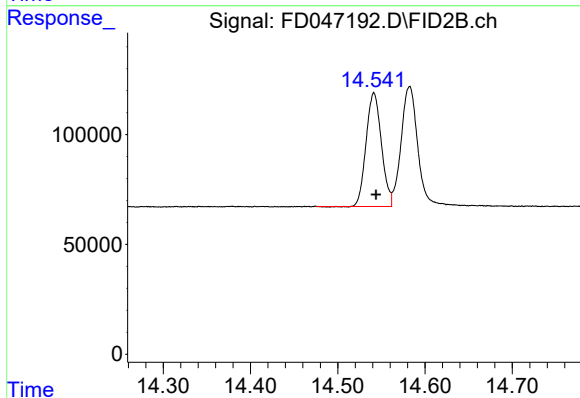
#12 Fluoranthene (C21.85)

R.T.: 12.384 min
Delta R.T.: -0.002 min
Response: 752768
Conc: 4.87 ug/ml



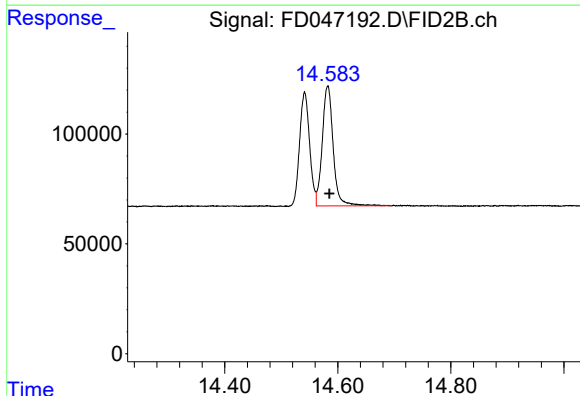
#13 Pyrene (C20.8)

R.T.: 12.678 min
Delta R.T.: -0.002 min
Response: 734682
Conc: 4.89 ug/ml



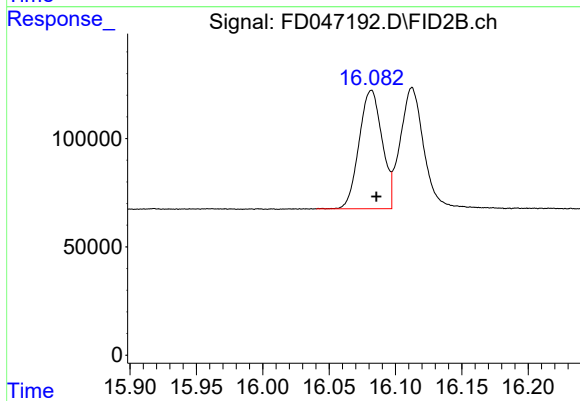
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.541 min
Delta R.T.: -0.002 min
Response: 631914
Conc: 4.65 ug/ml



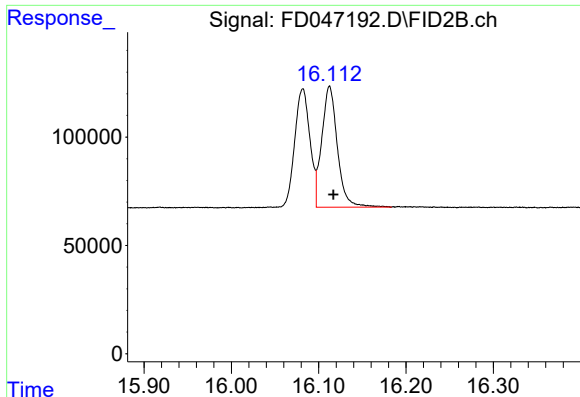
#15 Chrysene (C27.41)

R.T.: 14.582 min
Delta R.T.: -0.003 min
Response: 735511
Conc: 5.02 ug/ml



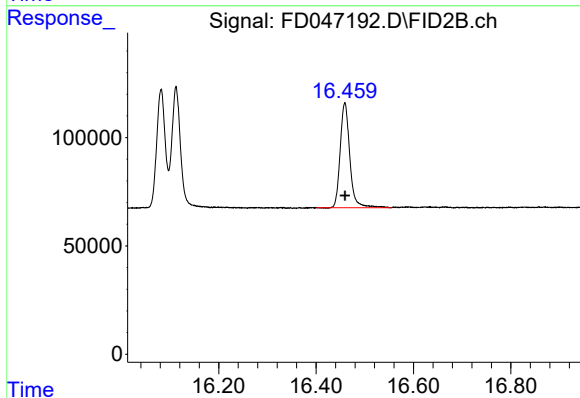
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.082 min
Delta R.T.: -0.004 min
Response: 660380
Conc: 4.75 ug/ml



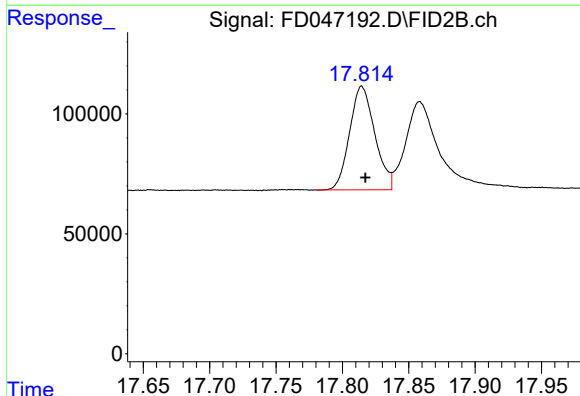
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.113 min
Delta R.T.: -0.004 min
Response: 695859
Conc: 4.95 ug/ml



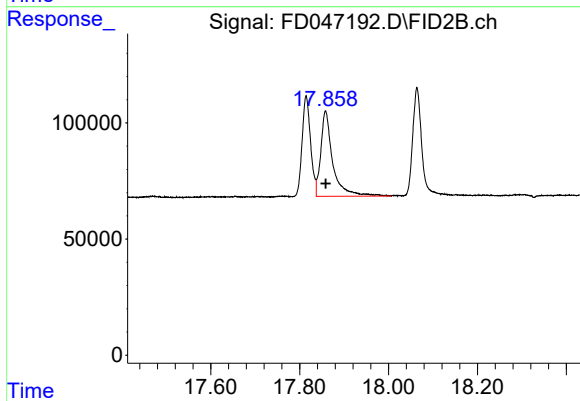
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.459 min
Delta R.T.: 0.000 min
Response: 665361
Conc: 4.86 ug/ml



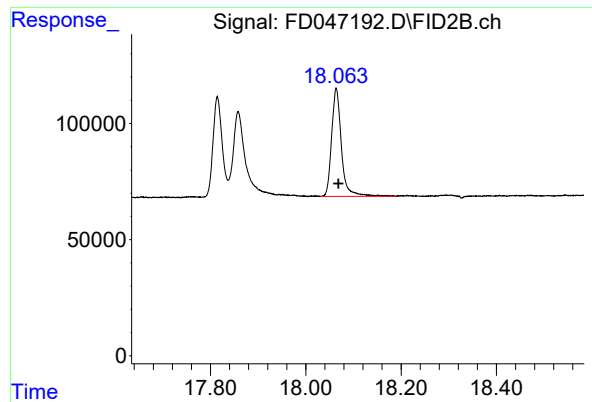
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.815 min
Delta R.T.: -0.003 min
Response: 571283
Conc: 4.45 ug/ml



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

R.T.: 17.858 min
Delta R.T.: 0.000 min
Response: 690472
Conc: 5.13 ug/ml



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

R.T.: 18.064 min
Delta R.T.: -0.005 min
Response: 658421
Conc: 4.91 ug/ml