

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020824AR\
 Data File : FD047191.D
 Signal(s) : FID2B.ch
 Acq On : 08 Feb 2024 12:17
 Operator : YP/AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Feb 08 13:40:38 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...	7.466	1479453	9.856 ug/ml
Spiked Amount 50.000		Recovery =	19.71%
6) S 2-Fluorobiphenyl (SURR)	8.319	974669	9.762 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	19.52%
11) S ortho-Terphenyl (SURR)	11.354	1729242	9.908 ug/ml
Spiked Amount 50.000		Recovery =	19.82%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.283	1533376	9.946 ug/ml
2) T Naphthalene (C11.7)	5.807	1608655	9.868 ug/ml
3) T 2-Methylnaphthalene (...)	6.854	1638424	9.863 ug/ml
5) T Acenaphthylene (C15.06)	8.122	1504579	9.871 ug/ml
7) T Acenaphthene (C15.5)	8.417	1614211	9.979 ug/ml
8) T Flouorene (C16.55)	9.194	1534950	9.686 ug/ml
9) T Phenanthrene (C19.36)	10.582	1510267	9.769 ug/ml
10) T Anthracene (C19.43)	10.656	1424954	9.709 ug/ml
12) T Fluoranthene (C21.85)	12.384	1521109	9.837 ug/ml
13) T Pyrene (C20.8)	12.678	1480517	9.852 ug/ml
14) T Benzo[a]anthracene (C...	14.540	1309817	9.638 ug/ml
15) T Chrysene (C27.41)	14.582	1445299	9.860 ug/ml
16) T benzo[b]fluoranthene ...	16.082	1347844	9.700 ug/ml
17) T Bnezo[k]fluoranthene ...	16.113	1375379	9.784 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.457	1332685	9.738 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.814	1209941	9.431 ug/ml
20) T Dibenz[a,h]anthracene...	17.856	1338611	9.946 ug/ml
21) T Benzo[g,h,i]perylene ...	18.064	1304413	9.734 ug/ml

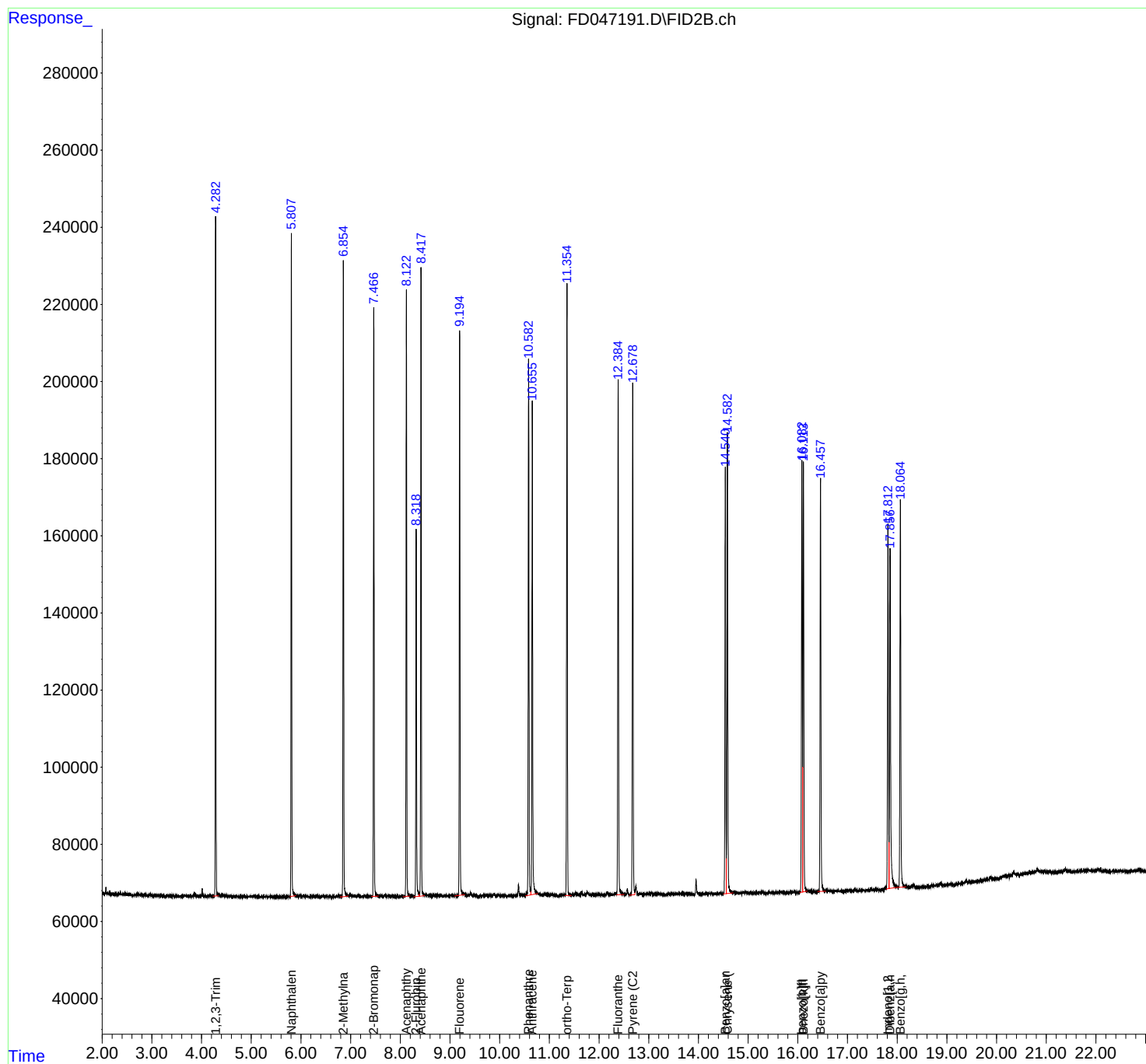
(f)=RT Delta > 1/2 Window

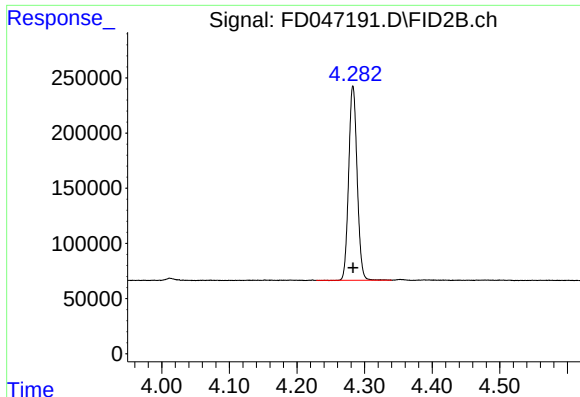
(m)=manual int.

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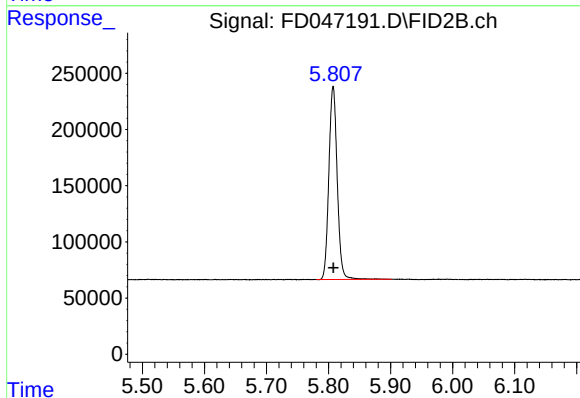
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Signal Info : 20M x 0.18mm x 0.18µm





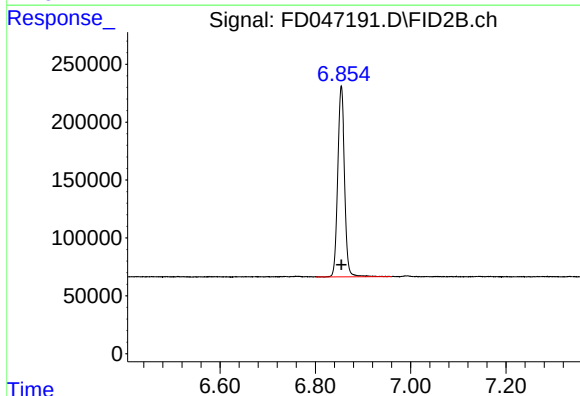
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.283 min
Delta R.T.: 0.000 min
Response: 1533376
Conc: 9.95 ug/ml



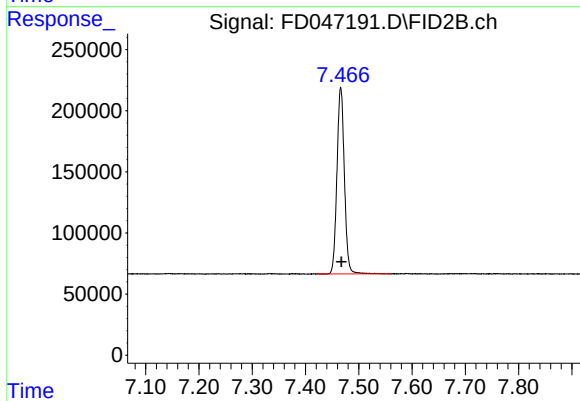
#2 Naphthalene (C11.7)

R.T.: 5.807 min
Delta R.T.: 0.000 min
Response: 1608655
Conc: 9.87 ug/ml



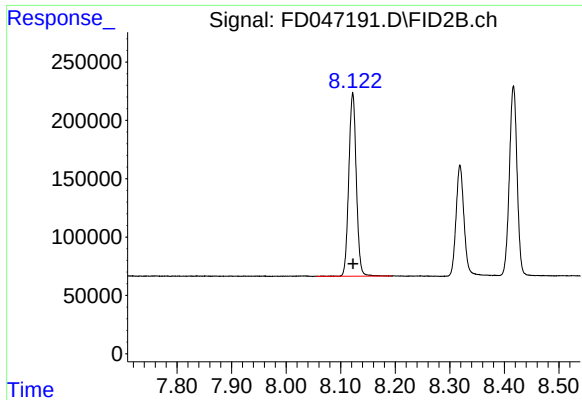
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.854 min
Delta R.T.: 0.000 min
Response: 1638424
Conc: 9.86 ug/ml



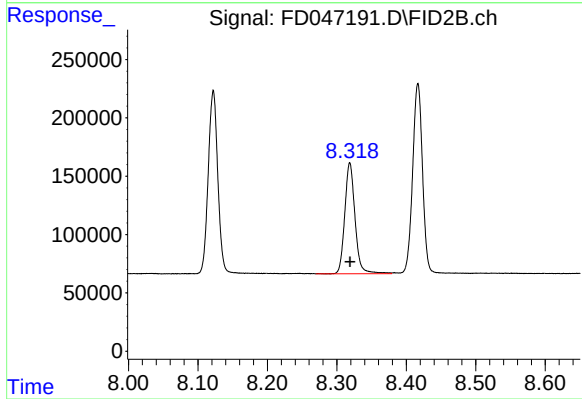
#4 2-Bromonaphthalene (SURR)

R.T.: 7.466 min
Delta R.T.: 0.000 min
Response: 1479453
Conc: 9.86 ug/ml



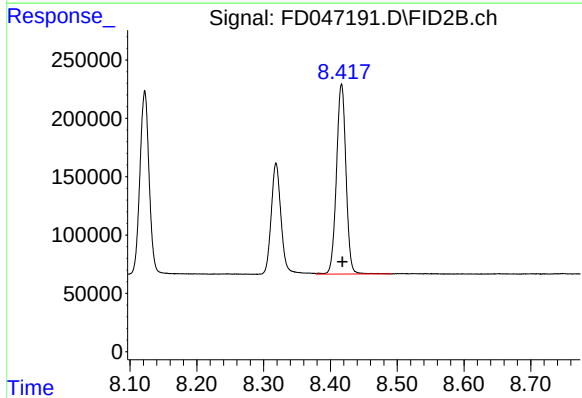
#5 Acenaphthylene (C15.06)

R.T.: 8.122 min
Delta R.T.: 0.000 min
Response: 1504579
Conc: 9.87 ug/ml



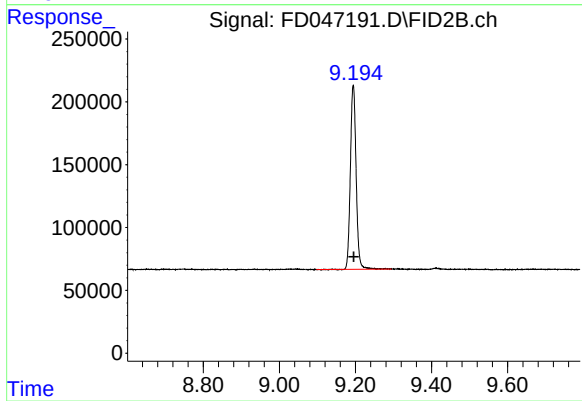
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.319 min
Delta R.T.: 0.000 min
Response: 974669
Conc: 9.76 ug/ml



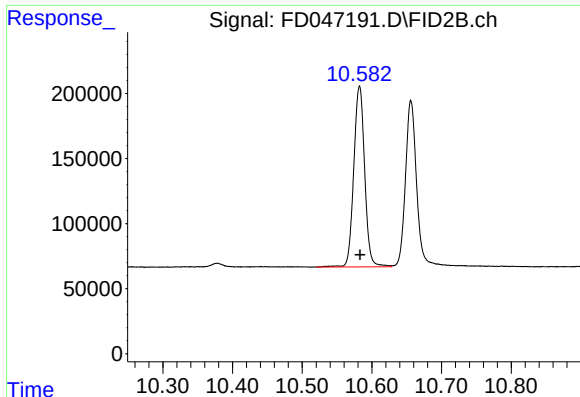
#7 Acenaphthene (C15.5)

R.T.: 8.417 min
Delta R.T.: -0.001 min
Response: 1614211
Conc: 9.98 ug/ml



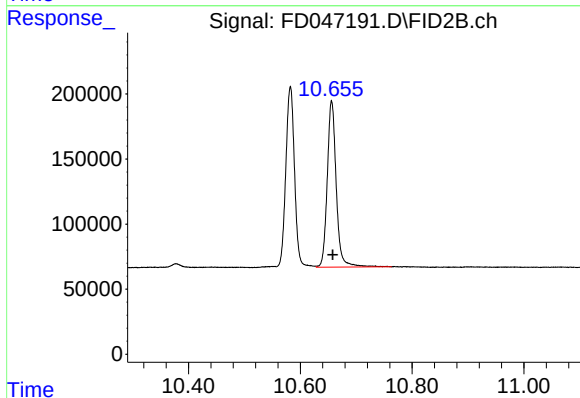
#8 Fluorene (C16.55)

R.T.: 9.194 min
Delta R.T.: -0.002 min
Response: 1534950
Conc: 9.69 ug/ml



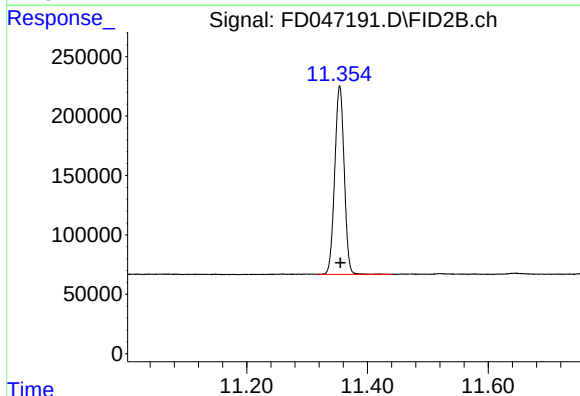
#9 Phenanthrene (C19.36)

R.T.: 10.582 min
Delta R.T.: 0.000 min
Response: 1510267
Conc: 9.77 ug/ml



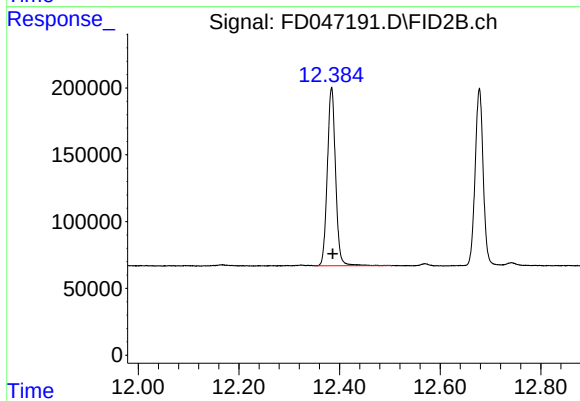
#10 Anthracene (C19.43)

R.T.: 10.656 min
Delta R.T.: -0.002 min
Response: 1424954
Conc: 9.71 ug/ml



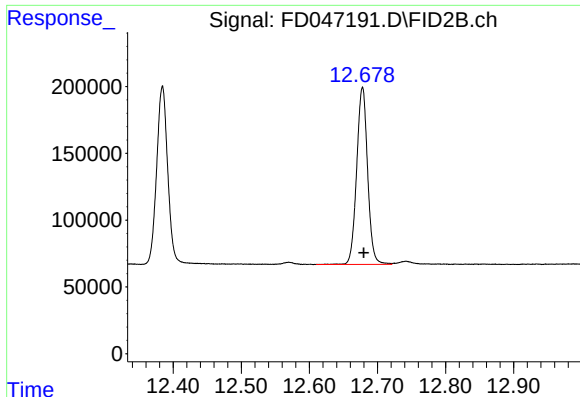
#11 ortho-Terphenyl (SURR)

R.T.: 11.354 min
Delta R.T.: -0.001 min
Response: 1729242
Conc: 9.91 ug/ml



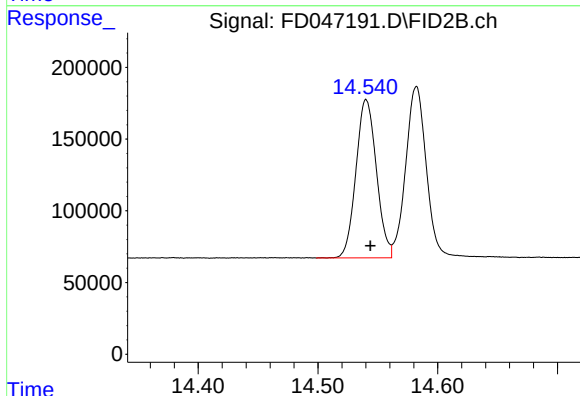
#12 Fluoranthene (C21.85)

R.T.: 12.384 min
Delta R.T.: -0.002 min
Response: 1521109
Conc: 9.84 ug/ml



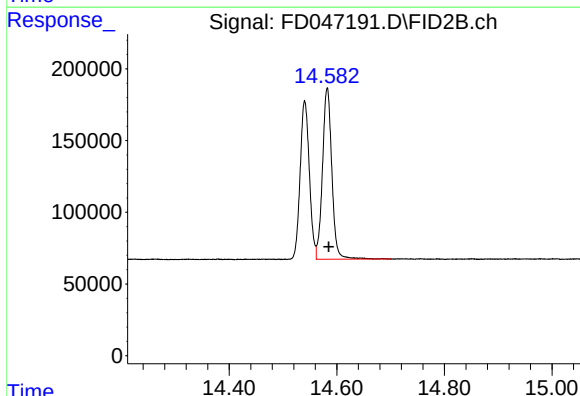
#13 Pyrene (C20.8)

R.T.: 12.678 min
Delta R.T.: -0.002 min
Response: 1480517
Conc: 9.85 ug/ml



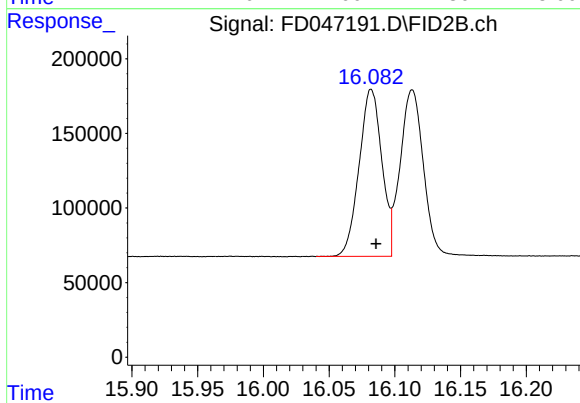
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.540 min
Delta R.T.: -0.003 min
Response: 1309817
Conc: 9.64 ug/ml



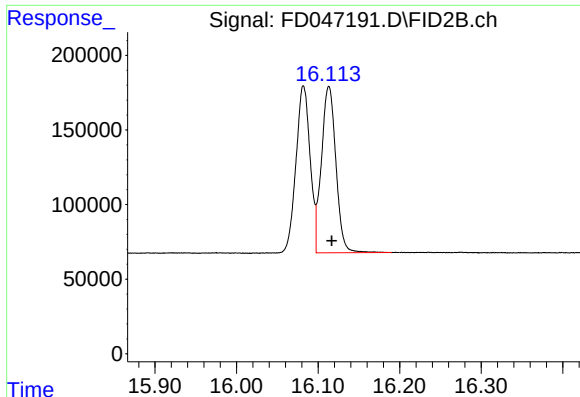
#15 Chrysene (C27.41)

R.T.: 14.582 min
Delta R.T.: -0.003 min
Response: 1445299
Conc: 9.86 ug/ml



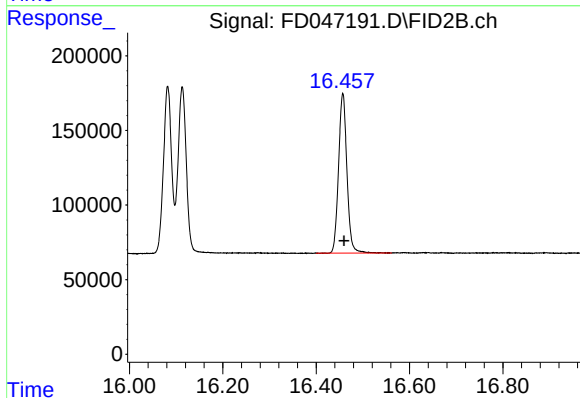
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.082 min
Delta R.T.: -0.004 min
Response: 1347844
Conc: 9.70 ug/ml



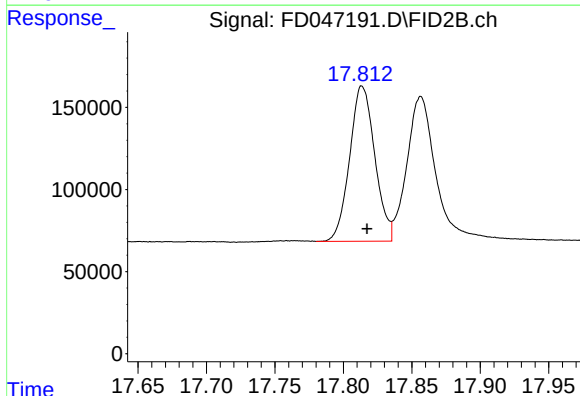
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.113 min
Delta R.T.: -0.004 min
Response: 1375379
Conc: 9.78 ug/ml



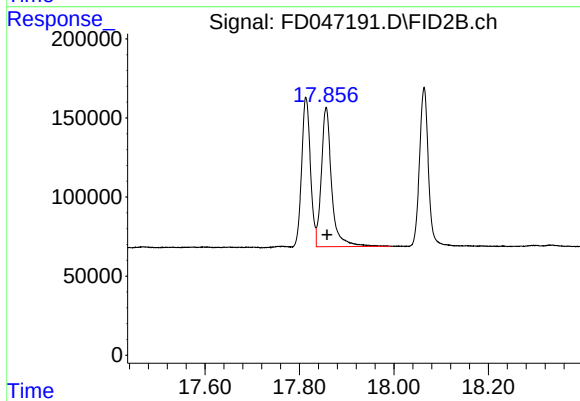
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.457 min
Delta R.T.: -0.002 min
Response: 1332685
Conc: 9.74 ug/ml



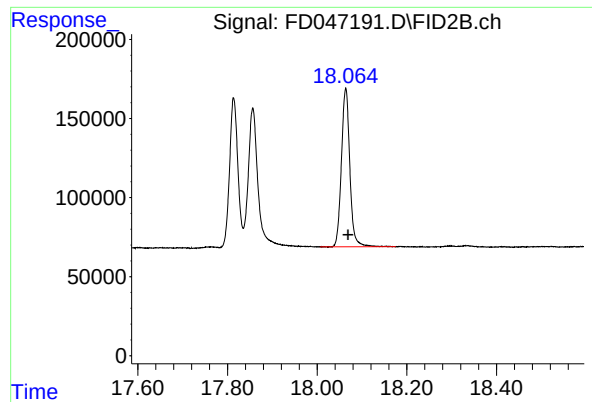
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.814 min
Delta R.T.: -0.003 min
Response: 1209941
Conc: 9.43 ug/ml



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

R.T.: 17.856 min
Delta R.T.: -0.002 min
Response: 1338611
Conc: 9.95 ug/ml



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

R.T.: 18.064 min
Delta R.T.: -0.005 min
Response: 1304413
Conc: 9.73 ug/ml