

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121421AR\
 Data File : FD039891.D
 Signal(s) : FID2B.CH
 Acq On : 14 Dec 2021 19:21
 Operator : AJ\MA
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 12/16/2021
 Supervised By :Yogesh Patel 12/16/2021

Integration File: autoint1.e
 Quant Time: Dec 15 10:18:19 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 121421.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 15 10:15:48 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...	6.948	1432300	10.114 ug/ml
Spiked Amount 50.000		Recovery =	20.23%
6) S 2-Fluorobiphenyl (SURR)	7.803	984892	10.063 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	20.13%
11) S ortho-Terphenyl (SURR)	10.846	1523245	10.027 ug/ml
Spiked Amount 50.000		Recovery =	20.05%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.780	1519965	10.060 ug/ml
2) T Naphthalene (C11.7)	5.292	1611895	10.050 ug/ml
3) T 2-Methylnaphthalene (...)	6.337	1629699	10.039 ug/ml
5) T Acenaphthylene (C15.06)	7.609	1494131	9.983 ug/ml
7) T Acenaphthene (C15.5)	7.902	1593393	10.057 ug/ml
8) T Flouorene (C16.55)	8.682	1578694	10.056 ug/ml
9) T Phenanthrene (C19.36)	10.074	1556270	10.036 ug/ml
10) T Anthracene (C19.43)	10.148	1495239	10.018 ug/ml
12) T Fluoranthene (C21.85)	11.881	1524618	9.924 ug/ml
13) T Pyrene (C20.8)	12.178	1485439	9.938 ug/ml
14) T Benzo[a]anthracene (C...	14.046	1331031	9.739 ug/ml
15) T Chrysene (C27.41)	14.087	1384543	9.708 ug/ml
16) T benzo[b]fluoranthene ...	15.592	1320116	9.698 ug/ml
17) T Bnezo[k]fluoranthene ...	15.623	1307398	9.711 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.968	1274720	9.675 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.328	1203038	9.675 ug/ml
20) T Dibenz[a,h]anthracene...	17.372	1223801	9.962 ug/ml
21) T Benzo[g,h,i]perylene ...	17.581	1231732	9.770 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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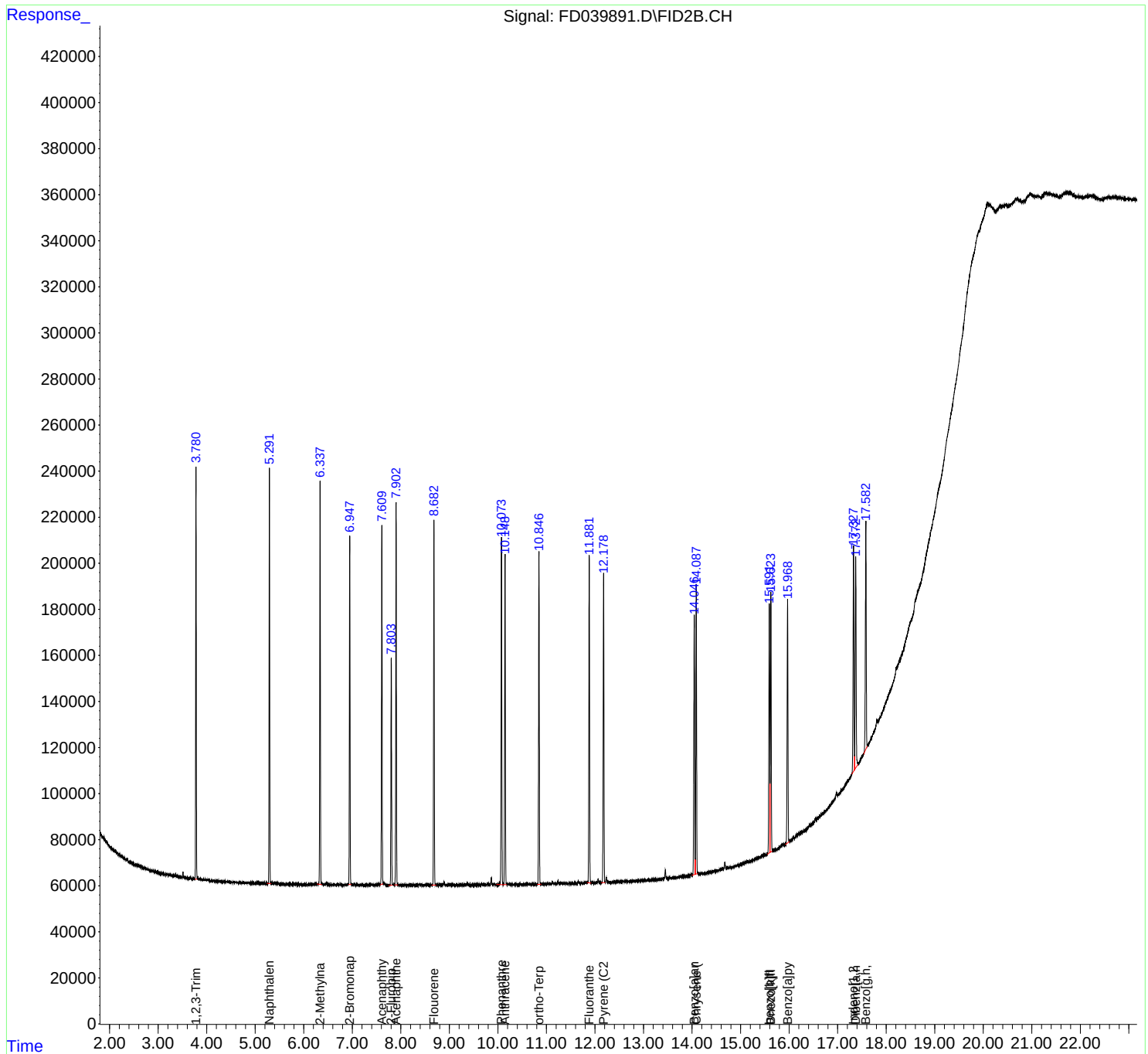
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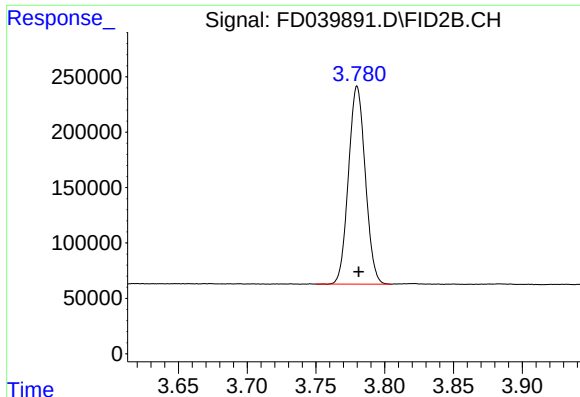
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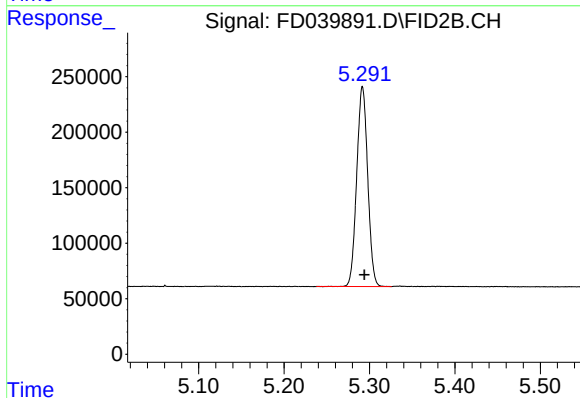
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 3.780 min
Delta R.T.: -0.001 min
Response: 1519965
Conc: 10.06 ug/ml

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10 PPM AROMATIC HC STD4

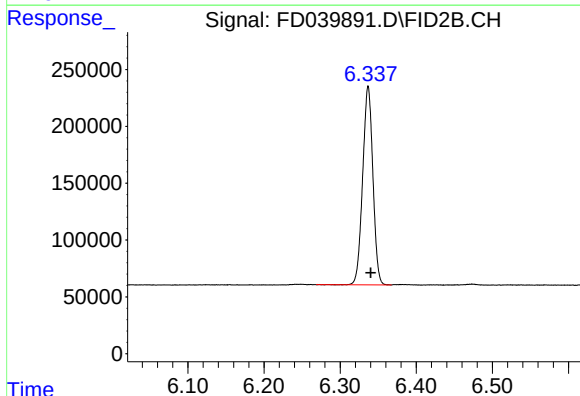
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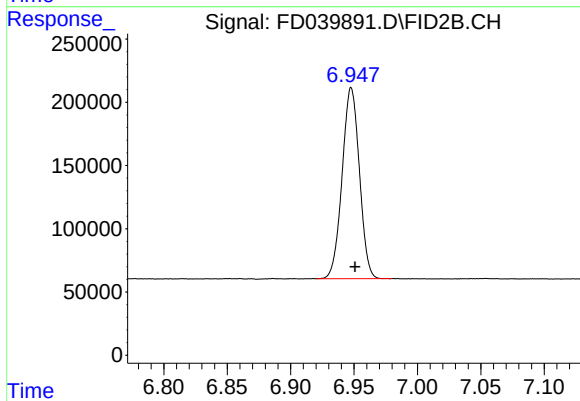
#2 Naphthalene (C11.7)

R.T.: 5.292 min
Delta R.T.: -0.002 min
Response: 1611895
Conc: 10.05 ug/ml



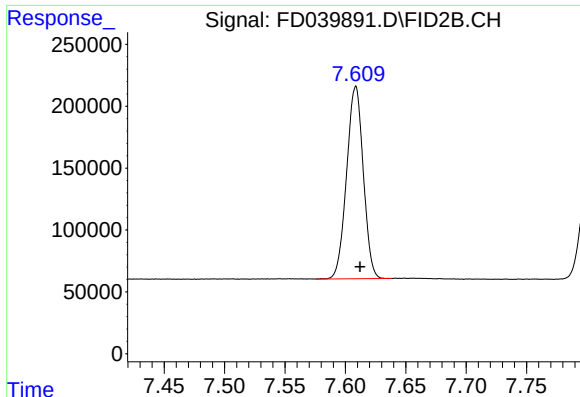
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.337 min
Delta R.T.: -0.003 min
Response: 1629699
Conc: 10.04 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 6.948 min
Delta R.T.: -0.003 min
Response: 1432300
Conc: 10.11 ug/ml



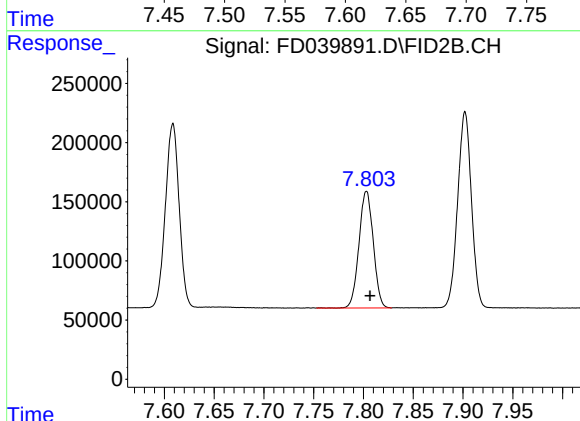
#5 Acenaphthylene (C15.06)

R.T.: 7.609 min
Delta R.T.: -0.003 min
Response: 1494131
Conc: 9.98 ug/ml

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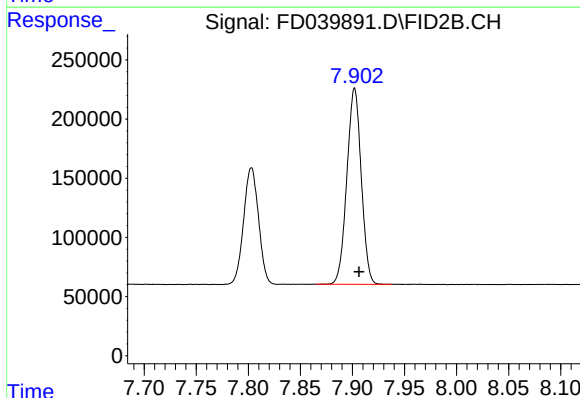
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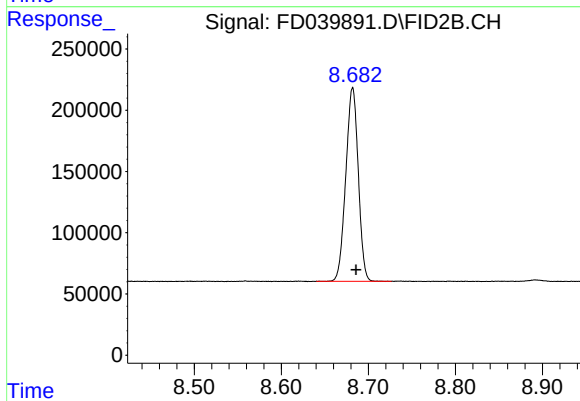
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.803 min
Delta R.T.: -0.004 min
Response: 984892
Conc: 10.06 ug/ml



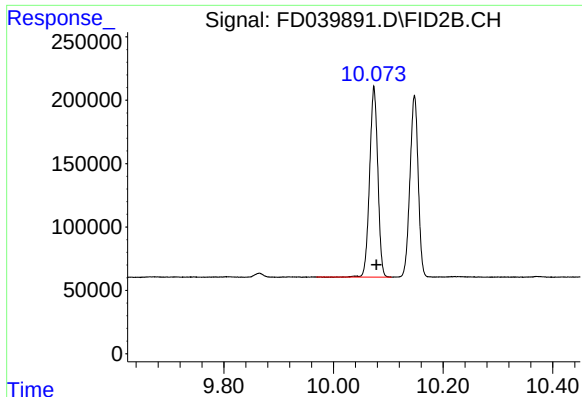
#7 Acenaphthene (C15.5)

R.T.: 7.902 min
Delta R.T.: -0.004 min
Response: 1593393
Conc: 10.06 ug/ml



#8 Fluorene (C16.55)

R.T.: 8.682 min
Delta R.T.: -0.004 min
Response: 1578694
Conc: 10.06 ug/ml



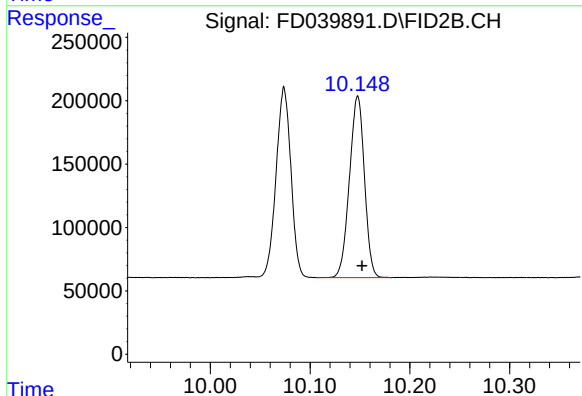
#9 Phenanthrene (C19.36)

R.T.: 10.074 min
Delta R.T.: -0.004 min
Response: 1556270
Conc: 10.04 ug/ml

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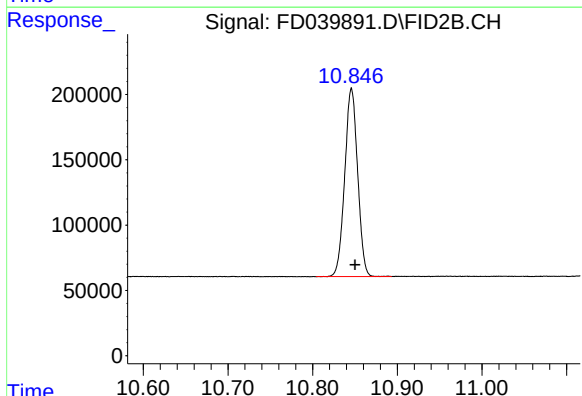
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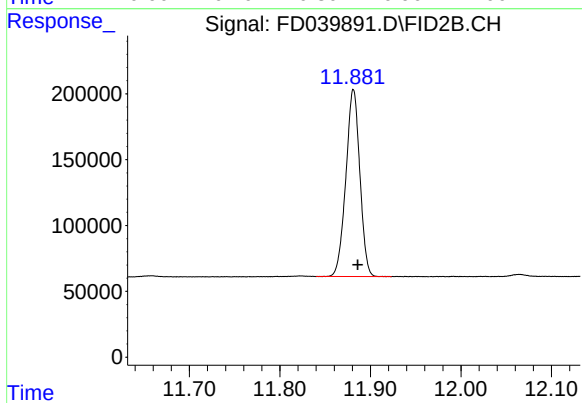
#10 Anthracene (C19.43)

R.T.: 10.148 min
Delta R.T.: -0.004 min
Response: 1495239
Conc: 10.02 ug/ml



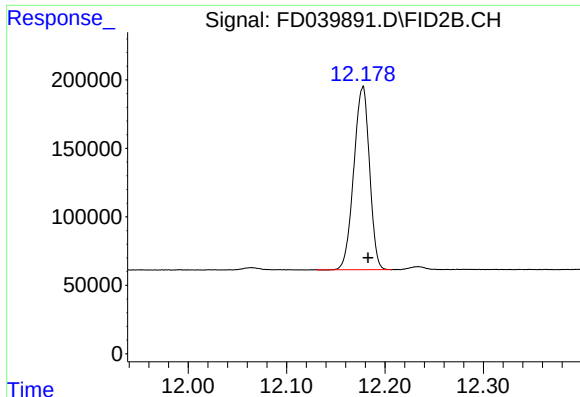
#11 ortho-Terphenyl (SURR)

R.T.: 10.846 min
Delta R.T.: -0.004 min
Response: 1523245
Conc: 10.03 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 11.881 min
Delta R.T.: -0.005 min
Response: 1524618
Conc: 9.92 ug/ml



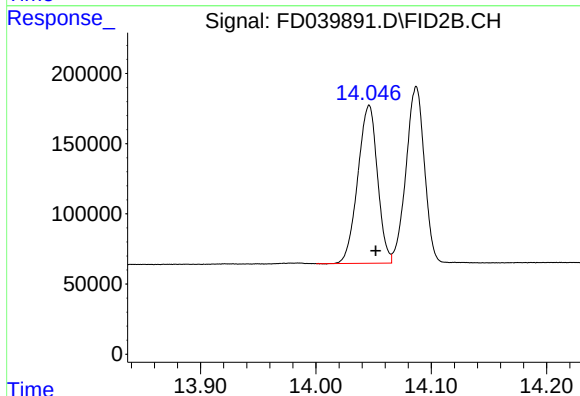
#13 Pyrene (C20.8)

R.T.: 12.178 min
Delta R.T.: -0.005 min
Response: 1485439
Conc: 9.94 ug/ml

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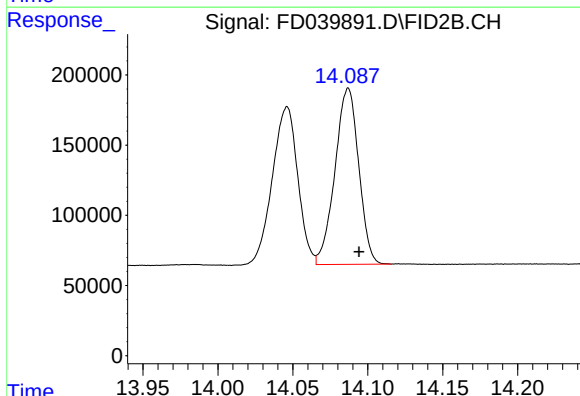
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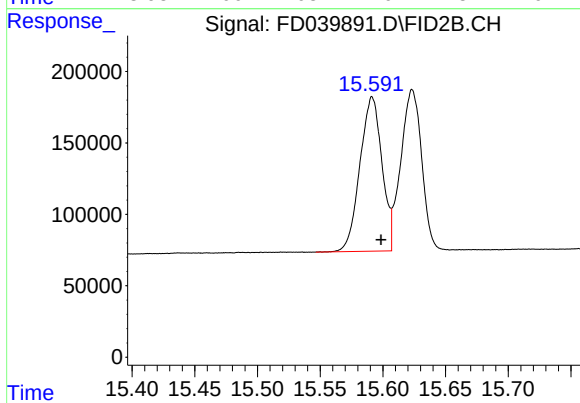
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.046 min
Delta R.T.: -0.006 min
Response: 1331031
Conc: 9.74 ug/ml



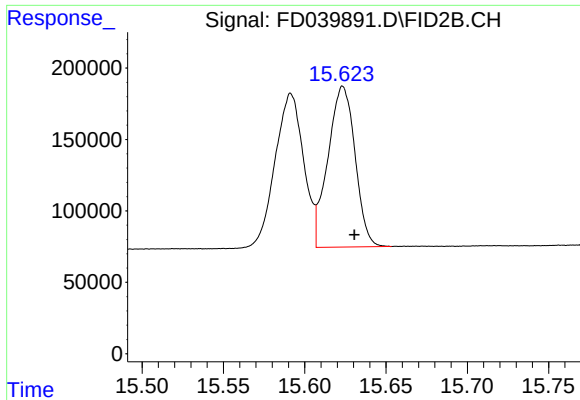
#15 Chrysene (C27.41)

R.T.: 14.087 min
Delta R.T.: -0.007 min
Response: 1384543
Conc: 9.71 ug/ml



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

R.T.: 15.592 min
Delta R.T.: -0.007 min
Response: 1320116
Conc: 9.70 ug/ml



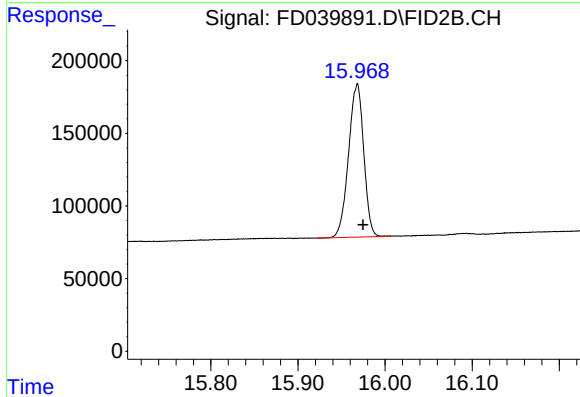
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.623 min
Delta R.T.: -0.007 min
Response: 1307398
Conc: 9.71 ug/ml

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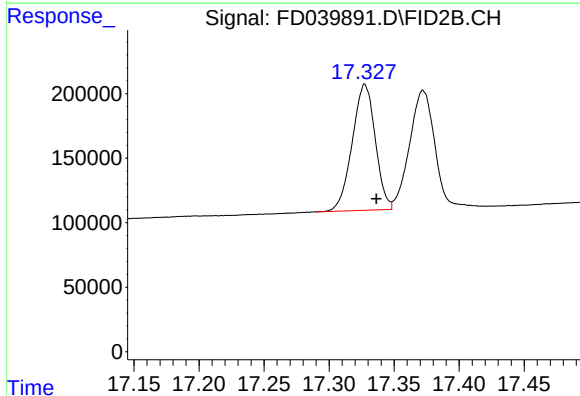
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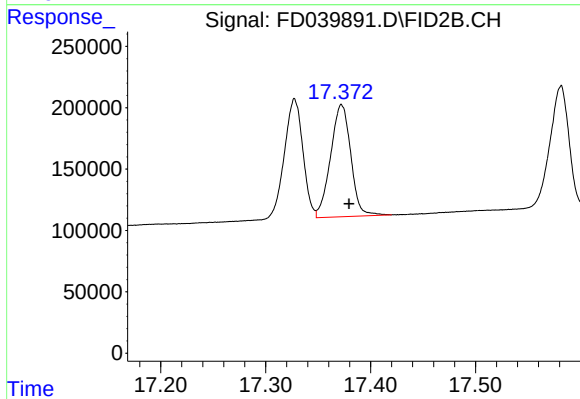
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.968 min
Delta R.T.: -0.007 min
Response: 1274720
Conc: 9.67 ug/ml



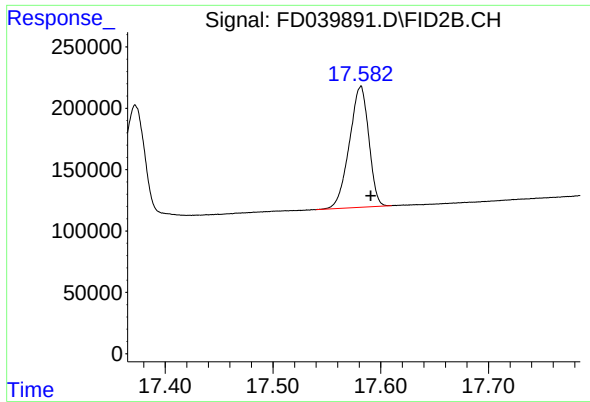
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.328 min
Delta R.T.: -0.009 min
Response: 1203038
Conc: 9.68 ug/ml



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

R.T.: 17.372 min
Delta R.T.: -0.007 min
Response: 1223801
Conc: 9.96 ug/ml



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

R.T.: 17.581 min
Delta R.T.: -0.009 min
Response: 1231732
Conc: 9.77 ug/ml

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