

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042121AR\
 Data File : FD037063.D
 Signal(s) : FID2B.CH
 Acq On : 22 Apr 2021 3:55
 Operator : DD\AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Manual Integrations
 APPROVED

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 4/22/2021 4:48:48 PM

Integration File: autoint1.e
 Quant Time: Apr 22 06:56:14 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042121.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 22 04:10:50 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...	7.575	1162137	10.080 ug/ml
Spiked Amount 50.000		Recovery =	20.16%
6) S 2-Fluorobiphenyl (SURR)	8.434	748216	9.797 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	19.59%
11) S ortho-Terphenyl (SURR)	11.476	1223347	10.285 ug/ml
Spiked Amount 50.000		Recovery =	20.57%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.376	1311339	10.248 ug/ml
2) T Naphthalene (C11.7)	5.912	1353440	10.168 ug/ml
3) T 2-Methylnaphthalene (...)	6.964	1319587	10.126 ug/ml
5) T Acenaphthylene (C15.06)	8.238	1243170	10.172 ug/ml
7) T Acenaphthene (C15.5)	8.533	1270373	10.113 ug/ml
8) T Fluorene (C16.55)	9.313	1196063	9.941 ug/ml
9) T Phenanthrene (C19.36)	10.707	1146975	9.871 ug/ml
10) T Anthracene (C19.43)	10.781	1115155	9.781 ug/ml
12) T Fluoranthene (C21.85)	12.516	1147903	10.134 ug/ml
13) T Pyrene (C20.8)	12.813	1131039	10.110 ug/ml
14) T Benzo[a]anthracene (C...	14.682	1084548	10.138 ug/ml
15) T Chrysene (C27.41)	14.723	1122329	10.287 ug/ml
16) T benzo[b]fluoranthene ...	16.228	1109152	10.223 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.260	1051803	10.002 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.606	1019351	10.155 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.966	1021429	9.687 ug/mlm
20) T Dibenz[a,h]anthracene...	18.009	1027721	10.081 ug/ml
21) T Benzo[g,h,i]perylene ...	18.221	1040865	9.879 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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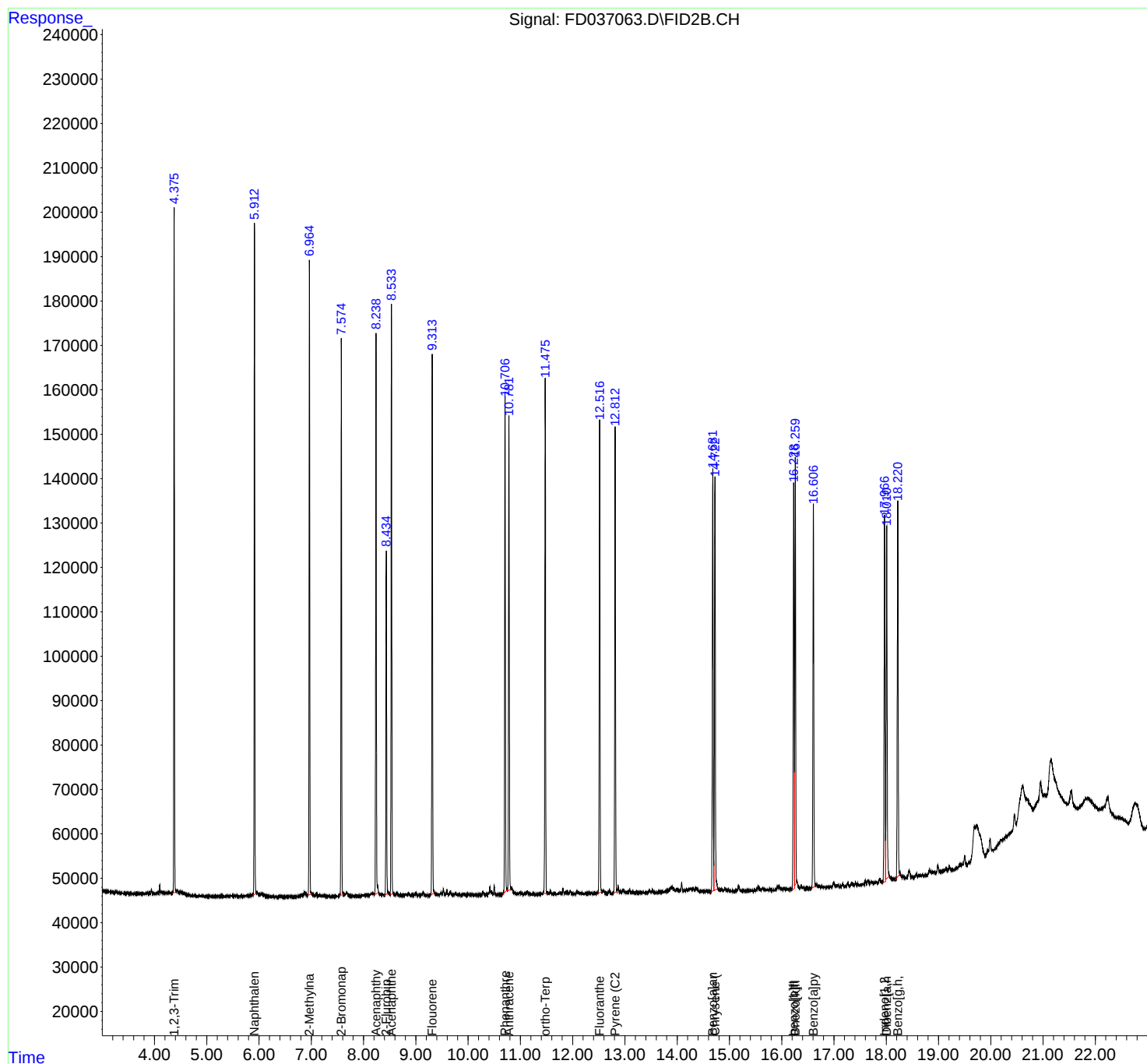
Instrument :
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10 PPM AROMATIC HC STD4

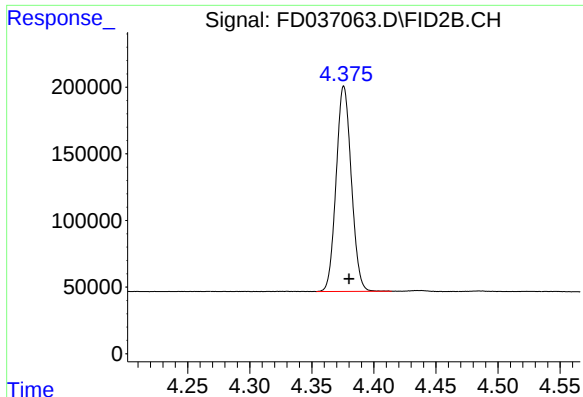
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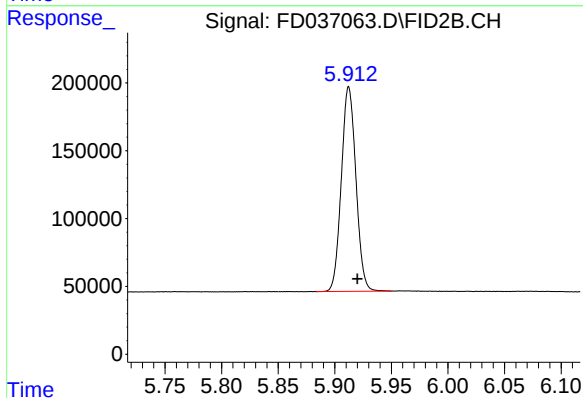
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.376 min
Delta R.T.: -0.004 min
Response: 1311339
Conc: 10.25 ug/ml

Instrument :
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10 PPM AROMATIC HC STD4

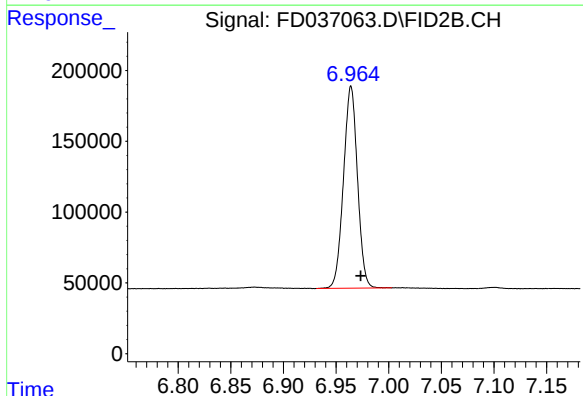
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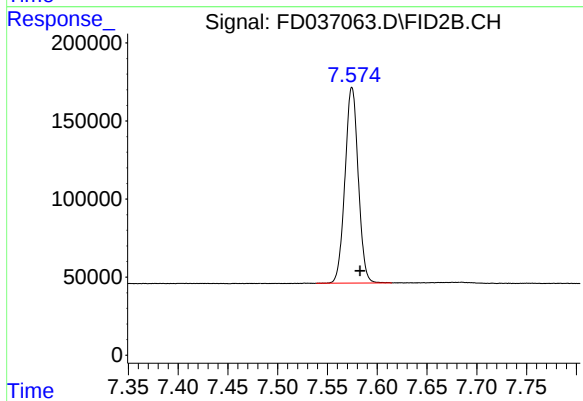
#2 Naphthalene (C11.7)

R.T.: 5.912 min
Delta R.T.: -0.008 min
Response: 1353440
Conc: 10.17 ug/ml



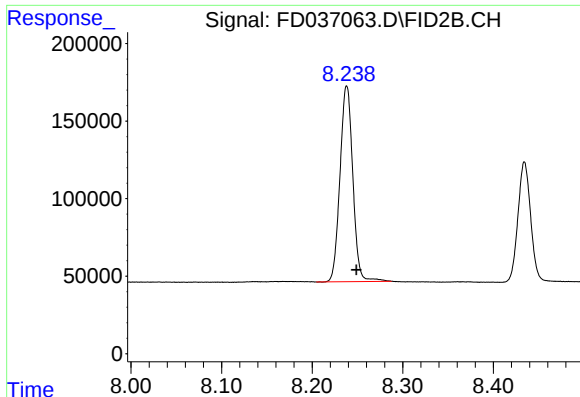
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.964 min
Delta R.T.: -0.009 min
Response: 1319587
Conc: 10.13 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.575 min
Delta R.T.: -0.008 min
Response: 1162137
Conc: 10.08 ug/ml



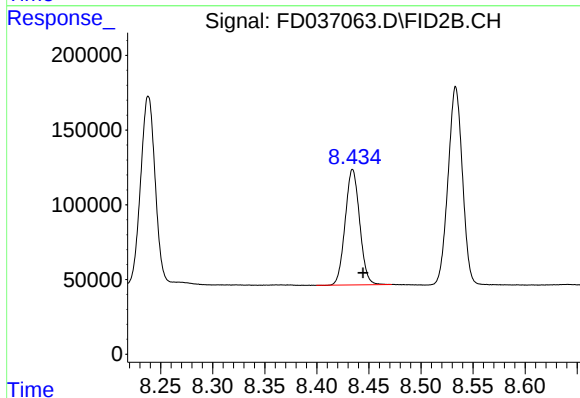
#5 Acenaphthylene (C15.06)

R.T.: 8.238 min
Delta R.T.: -0.011 min
Response: 1243170
Conc: 10.17 ug/ml

Instrument :
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10 PPM AROMATIC HC STD4

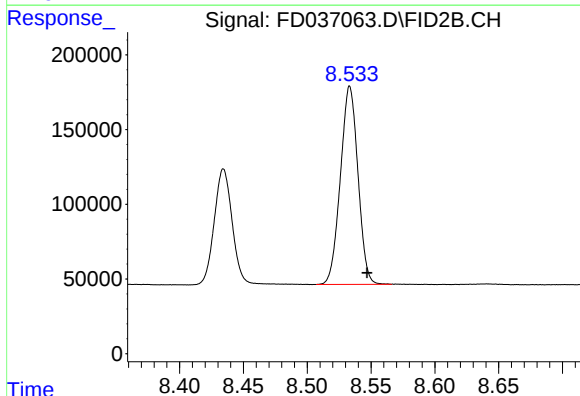
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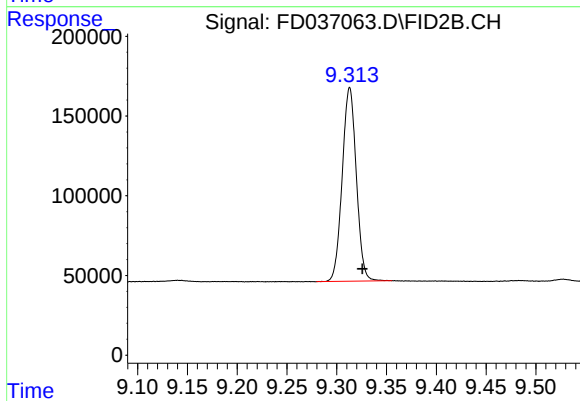
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.434 min
Delta R.T.: -0.010 min
Response: 748216
Conc: 9.80 ug/ml



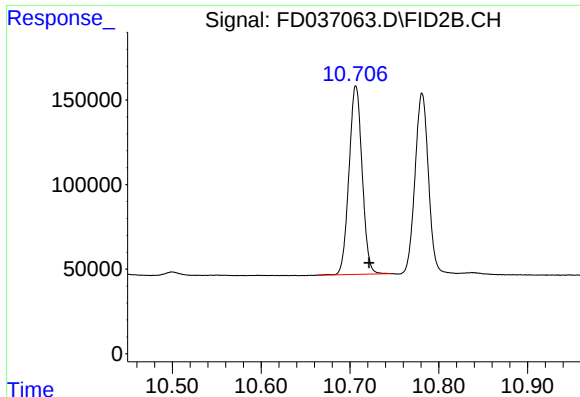
#7 Acenaphthene (C15.5)

R.T.: 8.533 min
Delta R.T.: -0.014 min
Response: 1270373
Conc: 10.11 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.313 min
Delta R.T.: -0.013 min
Response: 1196063
Conc: 9.94 ug/ml



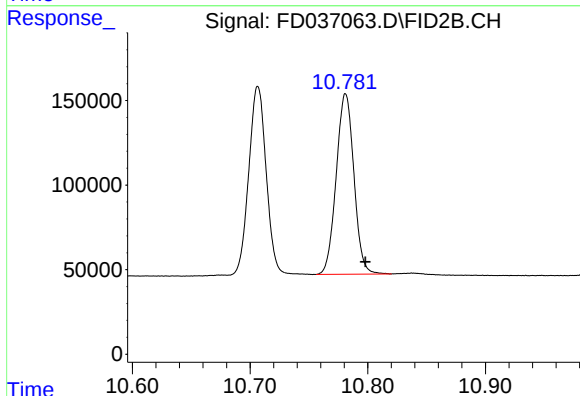
#9 Phenanthrene (C19.36)

R.T.: 10.707 min
Delta R.T.: -0.015 min
Response: 1146975
Conc: 9.87 ug/ml

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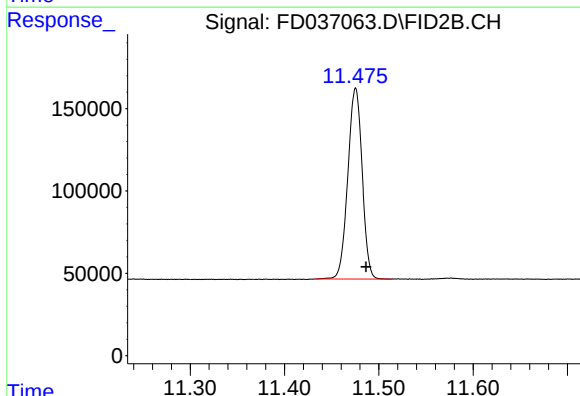
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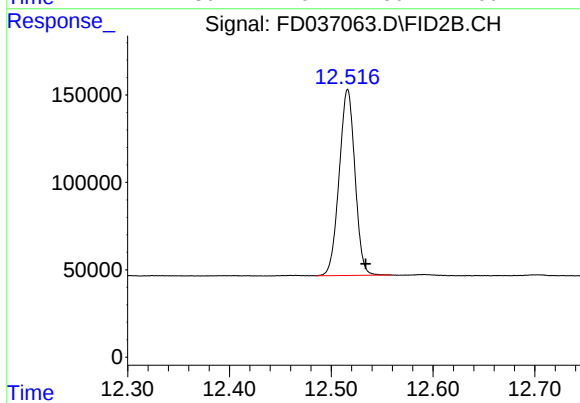
#10 Anthracene (C19.43)

R.T.: 10.781 min
Delta R.T.: -0.017 min
Response: 1115155
Conc: 9.78 ug/ml



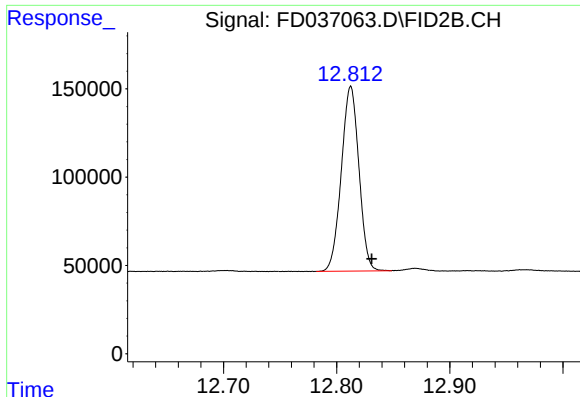
#11 ortho-Terphenyl (SURR)

R.T.: 11.476 min
Delta R.T.: -0.011 min
Response: 1223347
Conc: 10.29 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.516 min
Delta R.T.: -0.018 min
Response: 1147903
Conc: 10.13 ug/ml



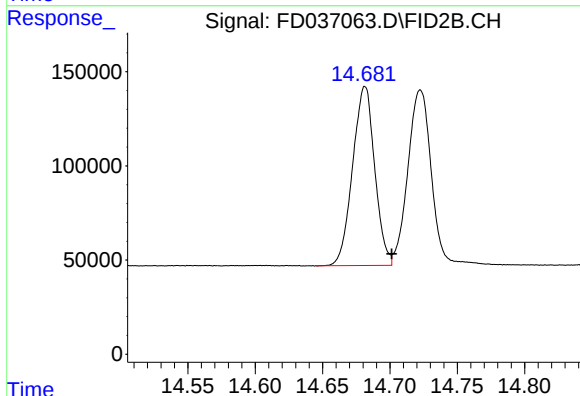
#13 Pyrene (C20.8)

R.T.: 12.813 min
Delta R.T.: -0.019 min
Response: 1131039
Conc: 10.11 ug/ml

Instrument :
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10 PPM AROMATIC HC STD4

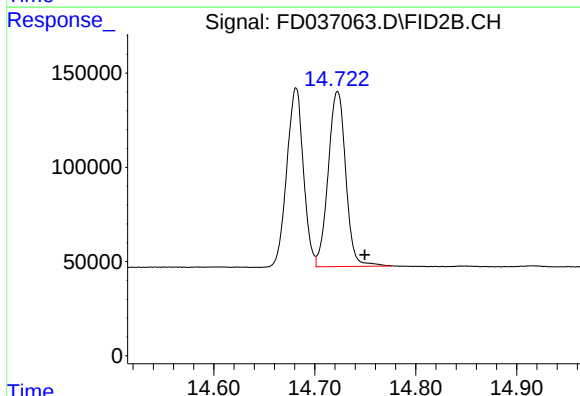
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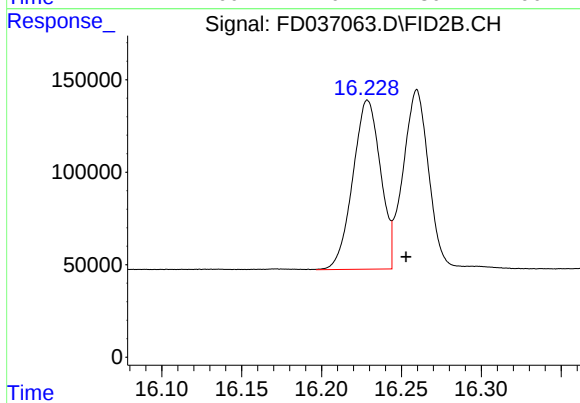
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.682 min
Delta R.T.: -0.020 min
Response: 1084548
Conc: 10.14 ug/ml



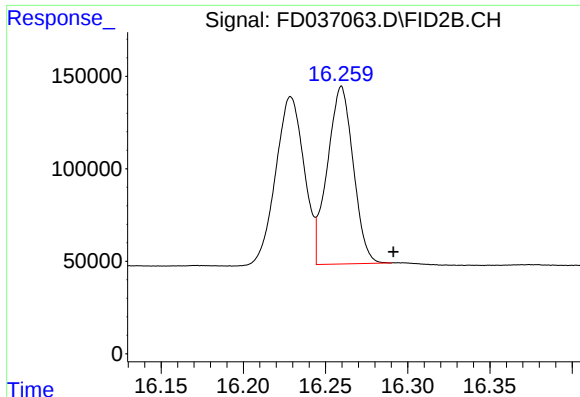
#15 Chrysene (C27.41)

R.T.: 14.723 min
Delta R.T.: -0.027 min
Response: 1122329
Conc: 10.29 ug/ml



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

R.T.: 16.228 min
Delta R.T.: -0.025 min
Response: 1109152
Conc: 10.22 ug/ml m



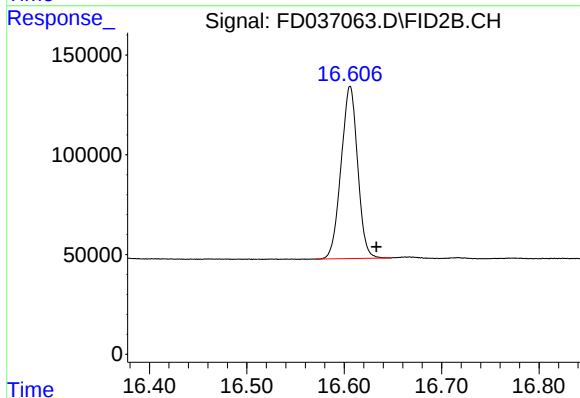
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.260 min
Delta R.T.: -0.032 min
Response: 1051803
Conc: 10.00 ug/ml

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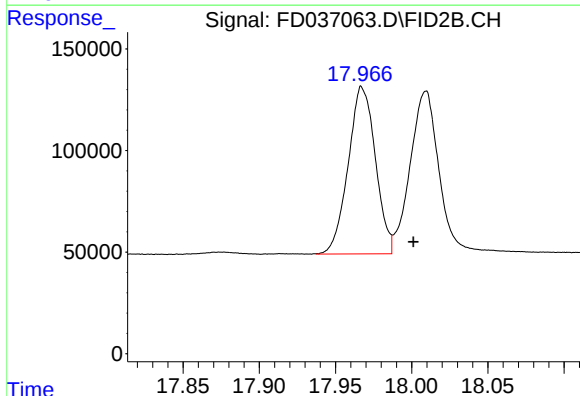
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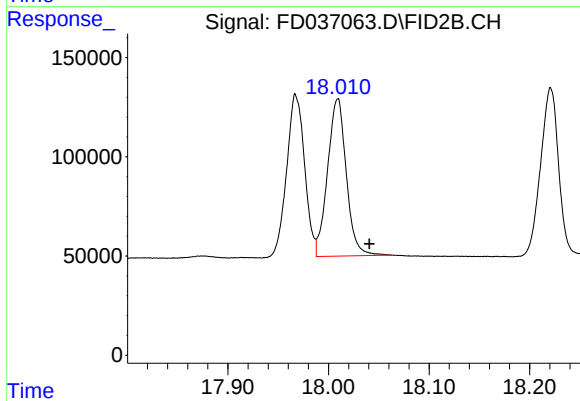
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.606 min
Delta R.T.: -0.027 min
Response: 1019351
Conc: 10.15 ug/ml



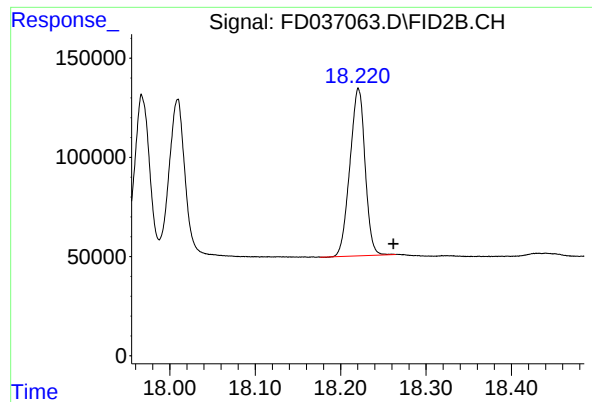
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.966 min
Delta R.T.: -0.035 min
Response: 1021429
Conc: 9.69 ug/ml m



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

R.T.: 18.009 min
Delta R.T.: -0.032 min
Response: 1027721
Conc: 10.08 ug/ml



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

R.T.: 18.221 min
Delta R.T.: -0.041 min
Response: 1040865
Conc: 9.88 ug/ml

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