

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD033021AR\
 Data File : FD036659.D
 Signal(s) : FID2B.CH
 Acq On : 30 Mar 2021 22:30
 Operator : DD\AJ
 Sample : M1857-01MSD
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PE-1-A(4.5-5)MSD

Manual Integrations
 APPROVED

Ankita
 4/1/2021 8:45:05 AM

Integration File: autoint1.e
 Quant Time: Mar 31 01:09:22 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032321.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 24 11:18:39 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...	7.593	8136515	57.852 ug/ml
Spiked Amount 50.000		Recovery =	115.70%
6) S 2-Fluorobiphenyl (SURR)	8.453	4827409	51.427 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	102.85%
11) S ortho-Terphenyl (SURR)	11.496	8409999	55.064 ug/ml
Spiked Amount 50.000		Recovery =	110.13%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.392	6098448	41.604 ug/ml
2) T Naphthalene (C11.7)	5.929	7114193	45.267 ug/ml
3) T 2-Methylnaphthalene (...)	6.982	7590236	48.295 ug/ml
5) T Acenaphthylene (C15.06)	8.257	7683721	51.279 ug/ml
7) T Acenaphthene (C15.5)	8.555	8013792	51.624 ug/ml
8) T Fluorene (C16.55)	9.334	8247405	54.779 ug/ml
9) T Phenanthrene (C19.36)	10.729	8182686	55.827 ug/ml
10) T Anthracene (C19.43)	10.804	8090713	55.888 ug/ml
12) T Fluoranthene (C21.85)	12.538	7745148	55.166 ug/ml
13) T Pyrene (C20.8)	12.835	7574414	55.206 ug/ml
14) T Benzo[a]anthracene (C...	14.703	6545714	55.118 ug/ml
15) T Chrysene (C27.41)	14.748	6868531	56.796 ug/mlm
16) T benzo[b]fluoranthene ...	16.251	6349986	57.868 ug/ml
17) T Bnezo[k]fluoranthene ...	16.286	6013444	56.571 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.629	6139541	61.604 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.992	6023047	59.920 ug/ml
20) T Dibenz[a,h]anthracene...	18.032	5856883	58.085 ug/ml
21) T Benzo[g,h,i]perylene ...	18.250	6082057	60.027 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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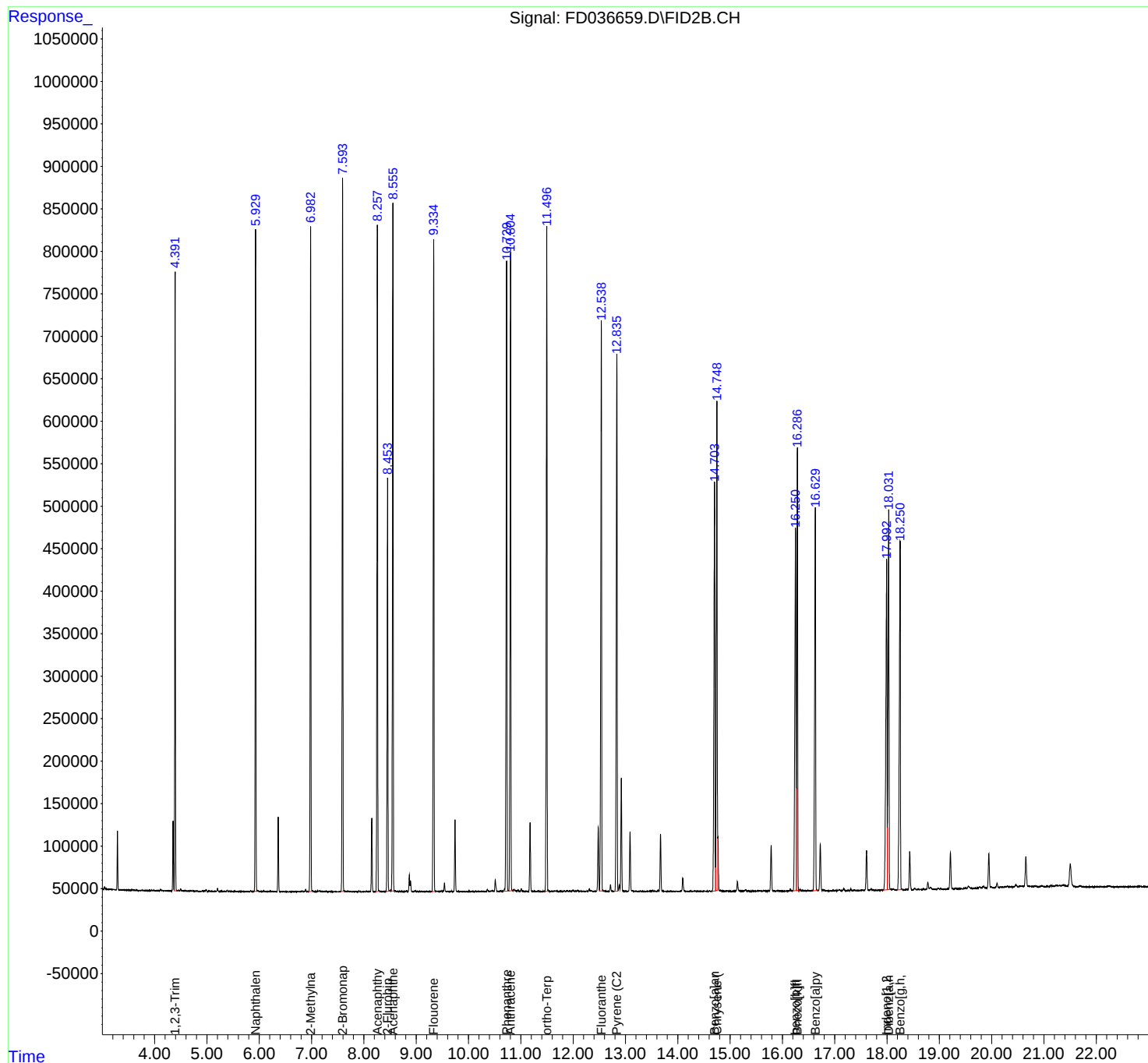
Instrument :
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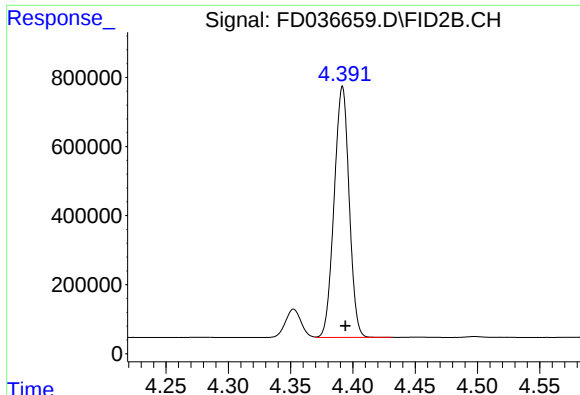
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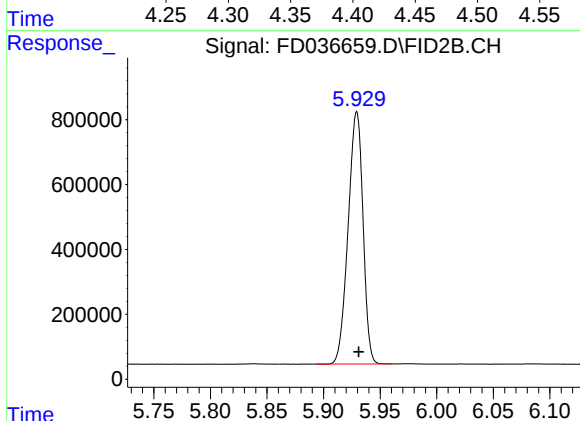
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.392 min
Delta R.T.: -0.002 min
Response: 6098448
Conc: 41.60 ug/ml

Instrument :
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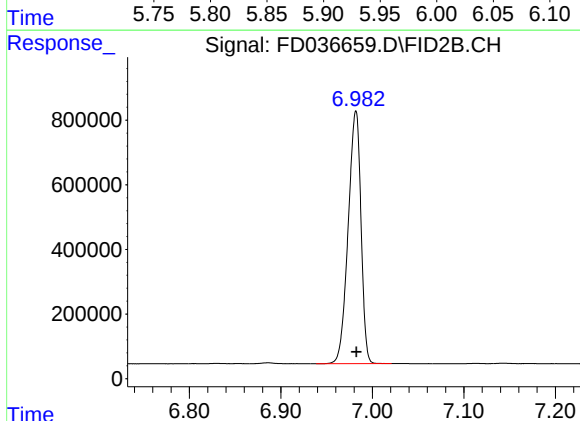
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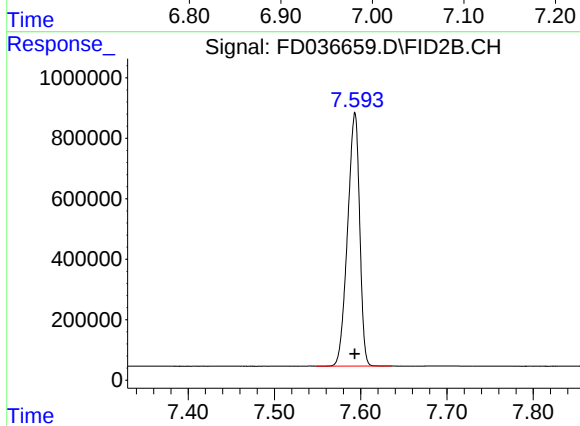
#2 Naphthalene (C11.7)

R.T.: 5.929 min
Delta R.T.: -0.002 min
Response: 7114193
Conc: 45.27 ug/ml



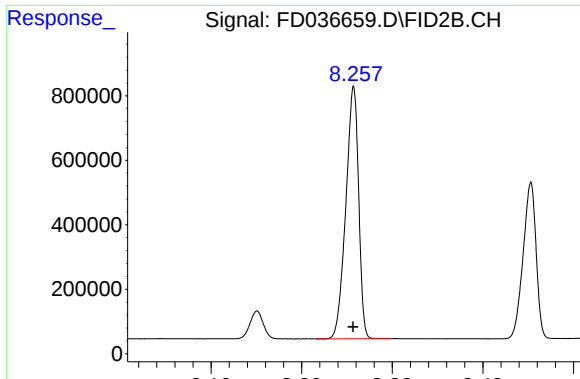
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.982 min
Delta R.T.: 0.000 min
Response: 7590236
Conc: 48.29 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.593 min
Delta R.T.: 0.000 min
Response: 8136515
Conc: 57.85 ug/ml



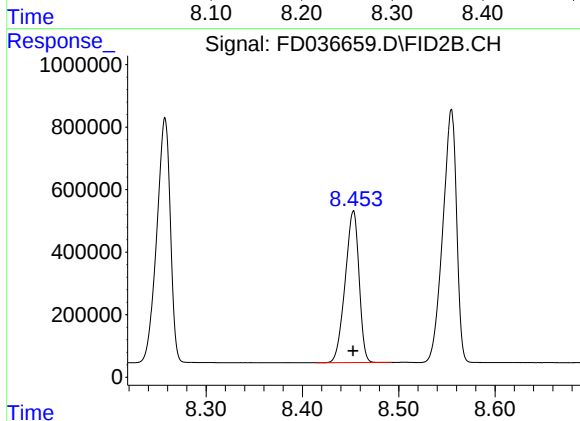
#5 Acenaphthylene (C15.06)

R.T.: 8.257 min
Delta R.T.: 0.000 min
Response: 7683721
Conc: 51.28 ug/ml

Instrument :
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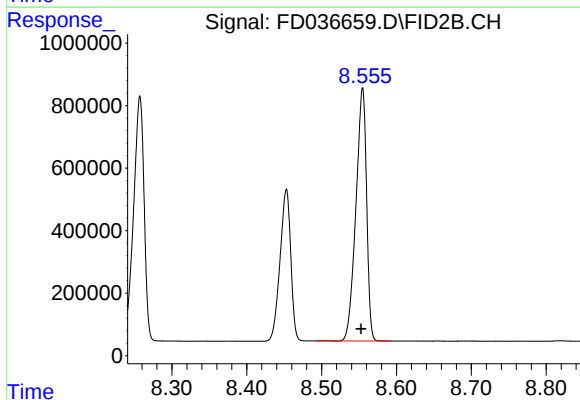
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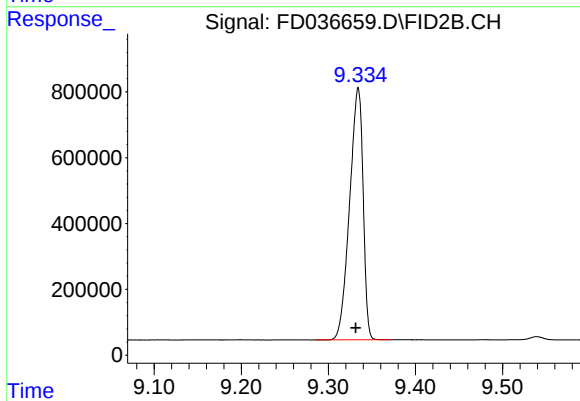
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.453 min
Delta R.T.: 0.000 min
Response: 4827409
Conc: 51.43 ug/ml



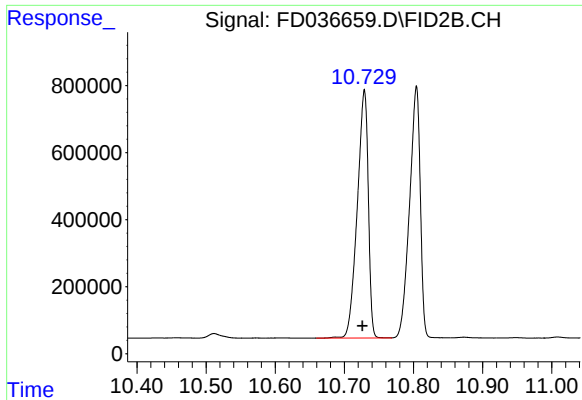
#7 Acenaphthene (C15.5)

R.T.: 8.555 min
Delta R.T.: 0.002 min
Response: 8013792
Conc: 51.62 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.334 min
Delta R.T.: 0.003 min
Response: 8247405
Conc: 54.78 ug/ml



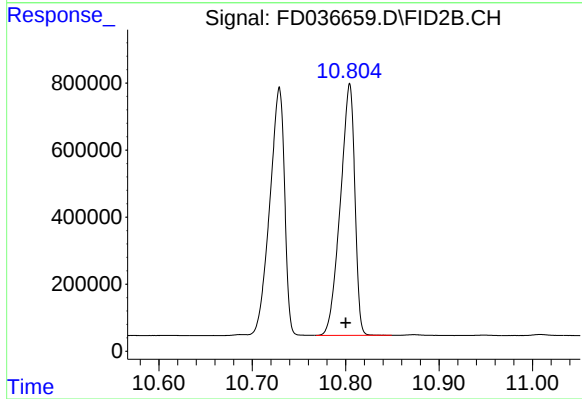
#9 Phenanthrene (C19.36)

R.T.: 10.729 min
Delta R.T.: 0.003 min
Response: 8182686
Conc: 55.83 ug/ml

Instrument :
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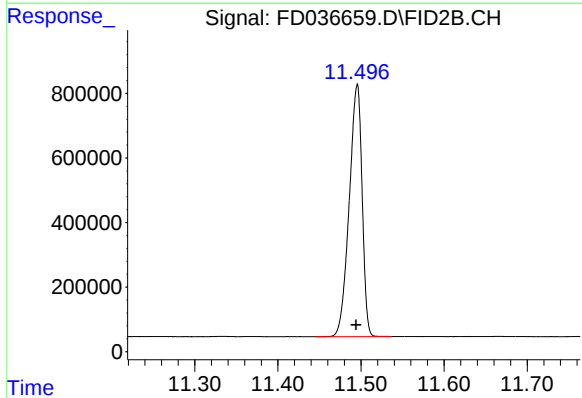
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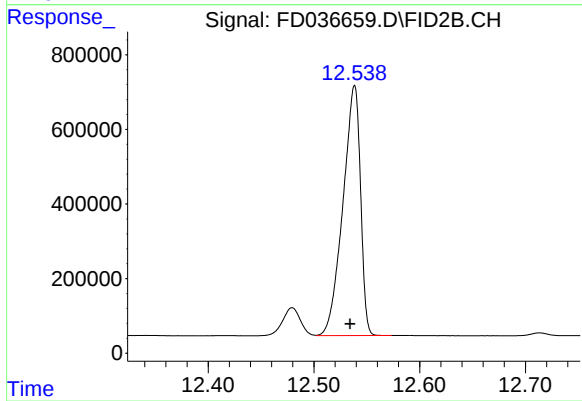
#10 Anthracene (C19.43)

R.T.: 10.804 min
Delta R.T.: 0.004 min
Response: 8090713
Conc: 55.89 ug/ml



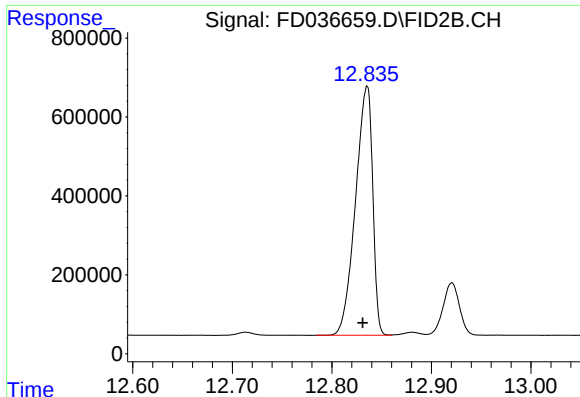
#11 ortho-Terphenyl (SURR)

R.T.: 11.496 min
Delta R.T.: 0.002 min
Response: 8409999
Conc: 55.06 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.538 min
Delta R.T.: 0.004 min
Response: 7745148
Conc: 55.17 ug/ml



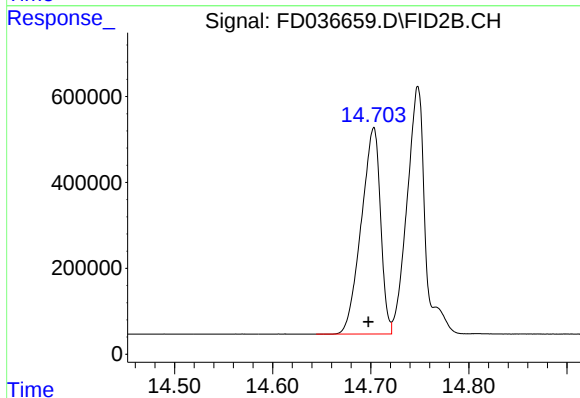
#13 Pyrene (C20.8)

R.T.: 12.835 min
Delta R.T.: 0.004 min
Response: 7574414
Conc: 55.21 ug/ml

Instrument :
FID_D
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PE-1-A(4.5-5)MSD

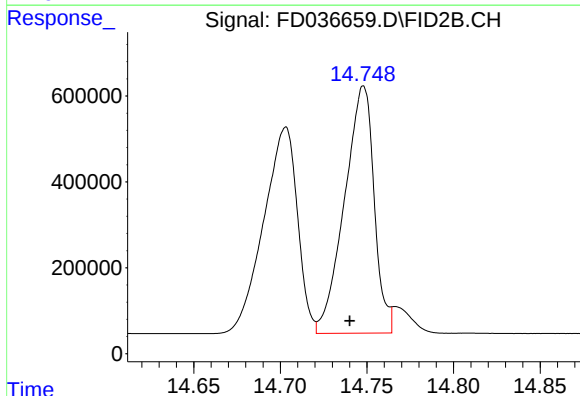
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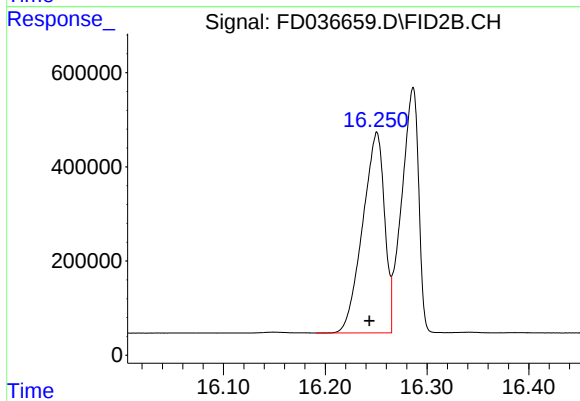
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.703 min
Delta R.T.: 0.005 min
Response: 6545714
Conc: 55.12 ug/ml



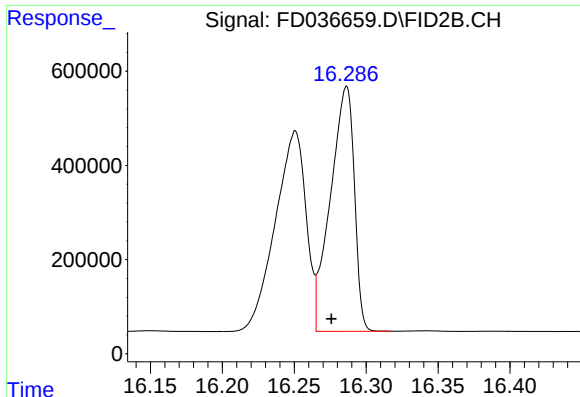
#15 Chrysene (C27.41)

R.T.: 14.748 min
Delta R.T.: 0.008 min
Response: 6868531
Conc: 56.80 ug/ml m



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

R.T.: 16.251 min
Delta R.T.: 0.007 min
Response: 6349986
Conc: 57.87 ug/ml



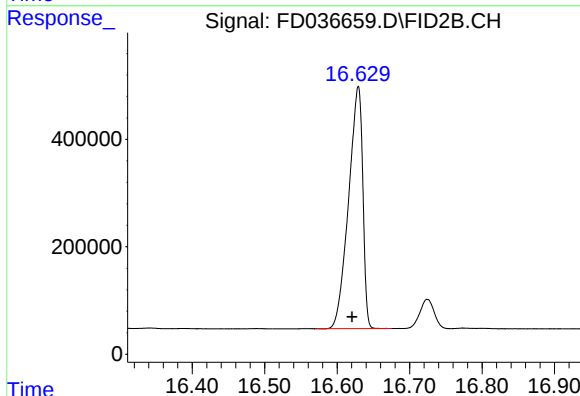
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.286 min
Delta R.T.: 0.010 min
Response: 6013444
Conc: 56.57 ug/ml

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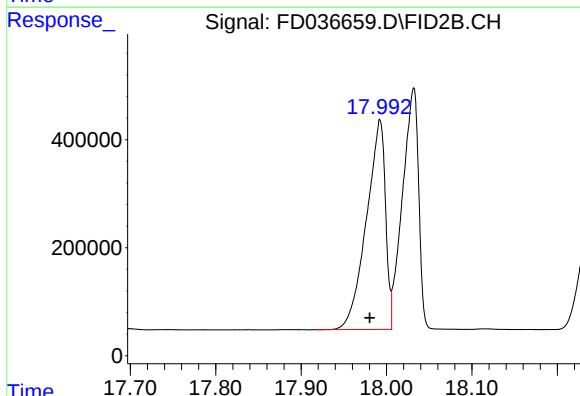
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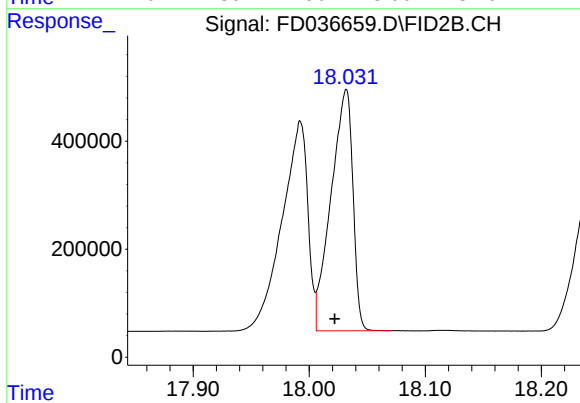
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.629 min
Delta R.T.: 0.009 min
Response: 6139541
Conc: 61.60 ug/ml



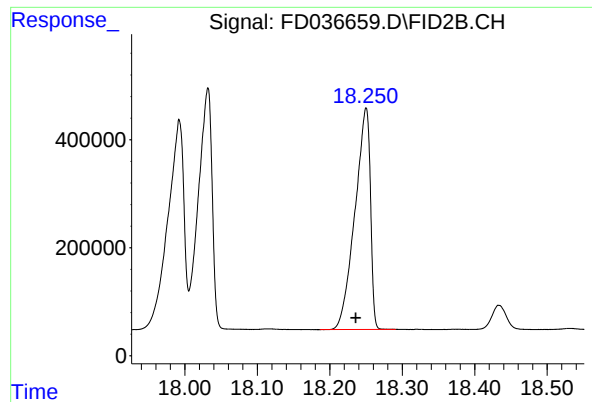
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.992 min
Delta R.T.: 0.012 min
Response: 6023047
Conc: 59.92 ug/ml



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

R.T.: 18.032 min
Delta R.T.: 0.010 min
Response: 5856883
Conc: 58.08 ug/ml



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

R.T.: 18.250 min
Delta R.T.: 0.014 min
Response: 6082057
Conc: 60.03 ug/ml

Instrument :
FID_D
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