

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090420AR\
 Data File : FD034663.D
 Signal(s) : FID2B.CH
 Acq On : 04 Sep 2020 22:52
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

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 9/8/2020 2:38:32 PM

Integration File: autoint1.e
 Quant Time: Sep 05 04:41:44 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 083120.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 01 02:30:57 2020
 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...	7.686	2094144	20.417 ug/ml
Spiked Amount 50.000		Recovery =	40.83%
6) S 2-Fluorobiphenyl (SURR)	8.552	1461573	20.313 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.63%
11) S ortho-Terphenyl (SURR)	11.593	2389774	19.948 ug/ml
Spiked Amount 50.000		Recovery =	39.90%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.481	2360055	20.846 ug/ml
2) T Naphthalene (C11.7)	6.024	2397931	20.544 ug/ml
3) T 2-Methylnaphthalene (...)	7.077	2415789	20.454 ug/ml
5) T Acenaphthylene (C15.06)	8.355	2347604	20.087 ug/ml
7) T Acenaphthene (C15.5)	8.650	2399933	20.171 ug/ml
8) T Flouorene (C16.55)	9.432	2325538	20.170 ug/ml
9) T Phenanthrene (C19.36)	10.830	2306065	19.778 ug/ml
10) T Anthracene (C19.43)	10.905	2208770	19.389 ug/ml
12) T Fluoranthene (C21.85)	12.644	2297313	19.700 ug/ml
13) T Pyrene (C20.8)	12.941	2226645	19.620 ug/ml
14) T Benzo[a]anthracene (C...	14.813	2162770	19.597 ug/ml
15) T Chrysene (C27.41)	14.855	2182382	19.539 ug/ml
16) T benzo[b]fluoranthene ...	16.363	2153599	20.106 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.396	2110386	19.903 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.744	2100913	19.950 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.108	2100865	20.738 ug/mlm
20) T Dibenz[a,h]anthracene...	18.147	2147217	21.134 ug/ml
21) T Benzo[g,h,i]perylene ...	18.363	2100061	20.798 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
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ALS Vial : 52 Sample Multiplier: 1

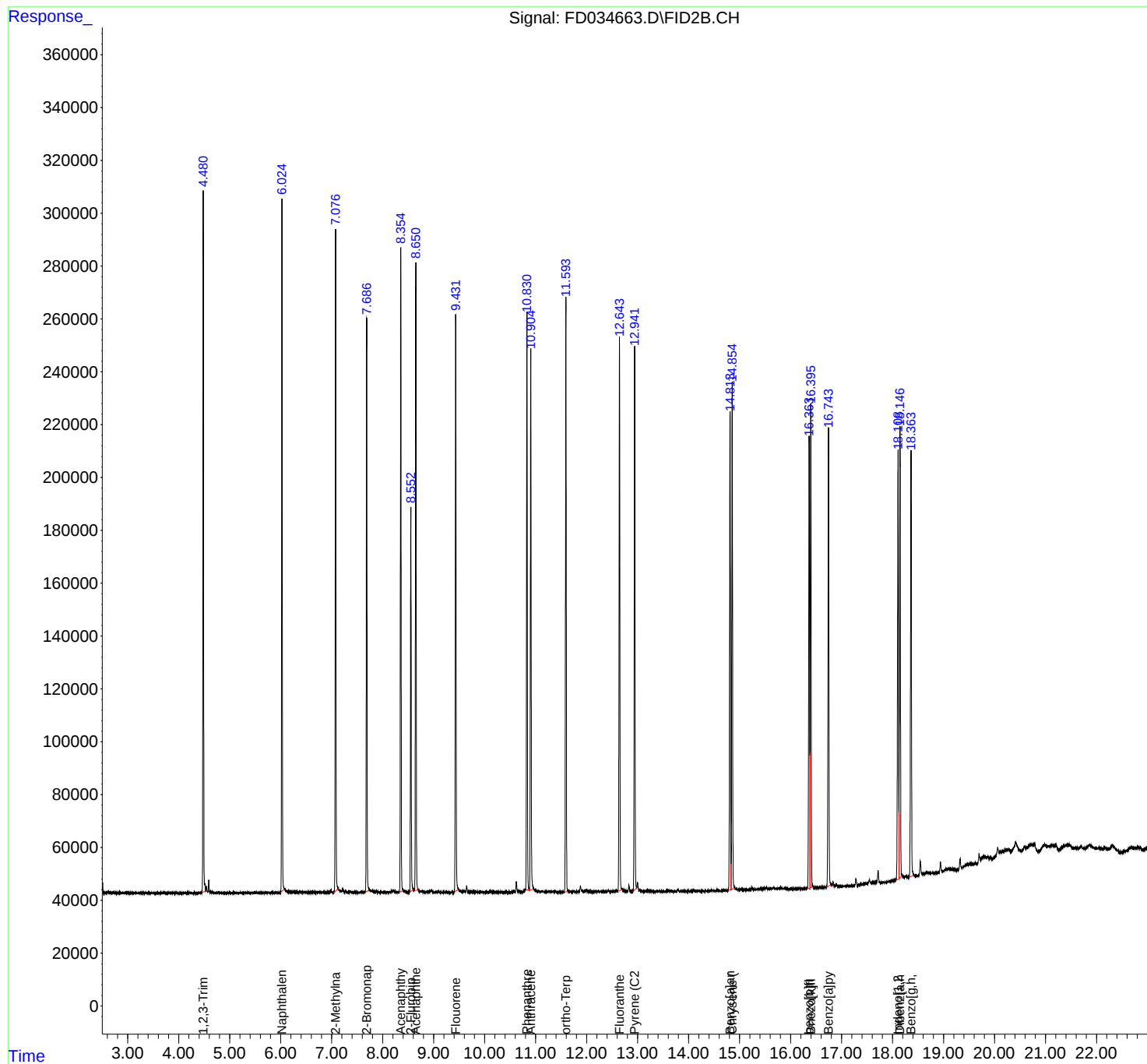
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20 PPM AROMATIC HC STD

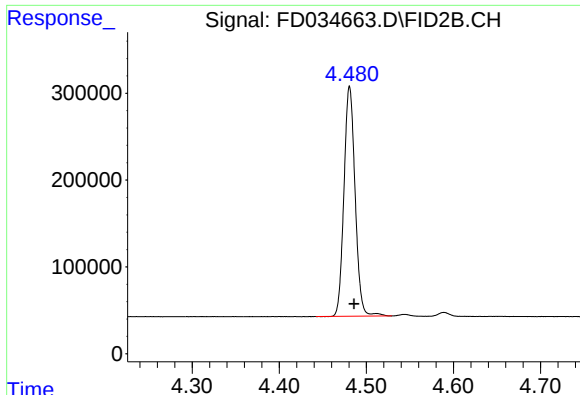
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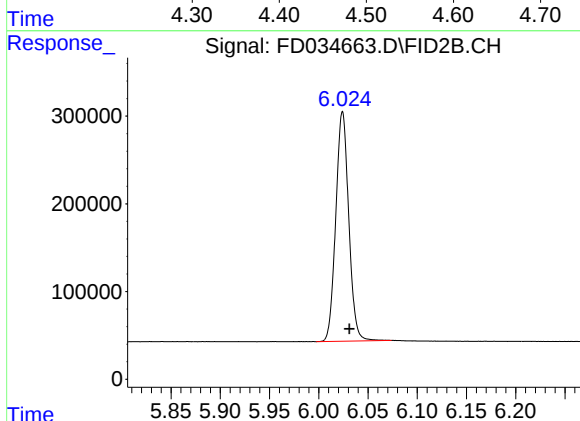
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.481 min
Delta R.T.: -0.005 min
Response: 2360055
Conc: 20.85 ug/ml

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20 PPM AROMATIC HC STD

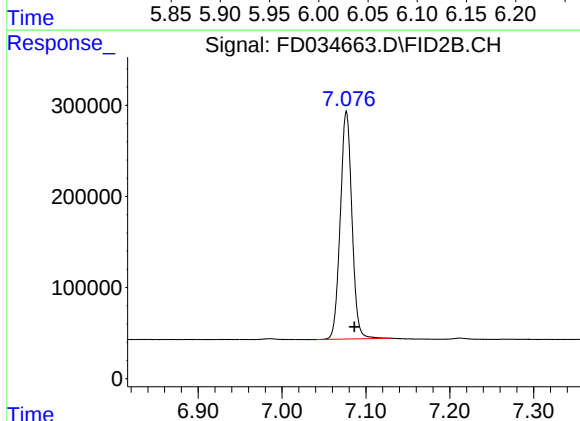
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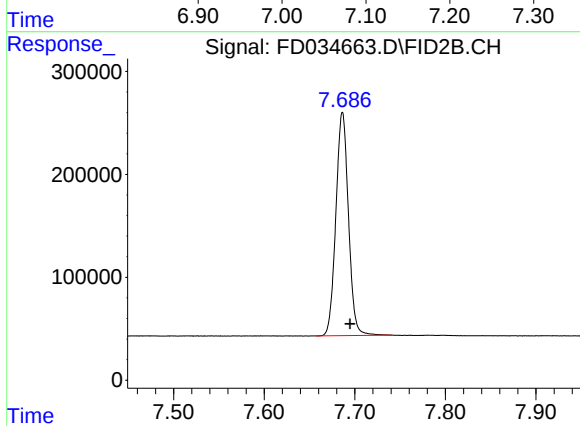
#2 Naphthalene (C11.7)

R.T.: 6.024 min
Delta R.T.: -0.007 min
Response: 2397931
Conc: 20.54 ug/ml



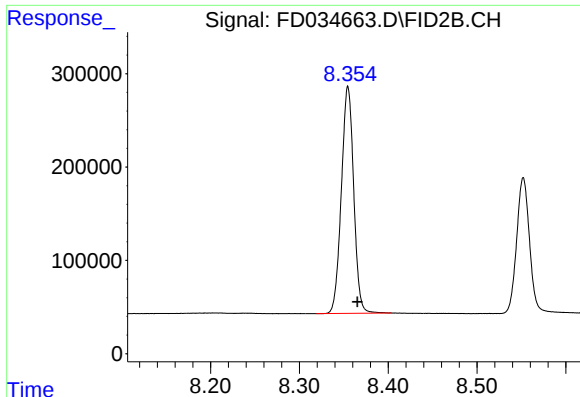
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.077 min
Delta R.T.: -0.010 min
Response: 2415789
Conc: 20.45 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.686 min
Delta R.T.: -0.008 min
Response: 2094144
Conc: 20.42 ug/ml



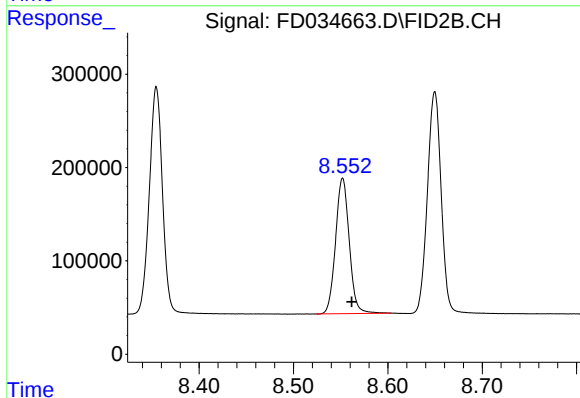
#5 Acenaphthylene (C15.06)

R.T.: 8.355 min
Delta R.T.: -0.011 min
Response: 2347604
Conc: 20.09 ug/ml

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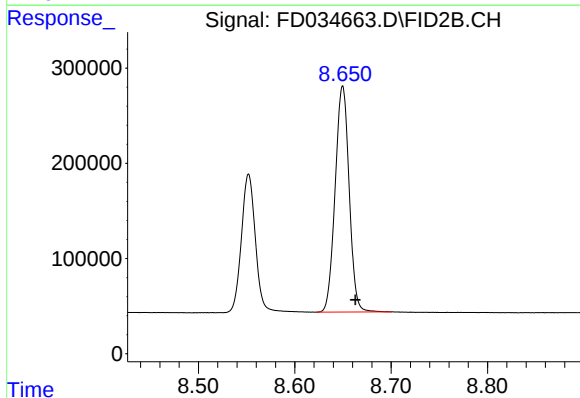
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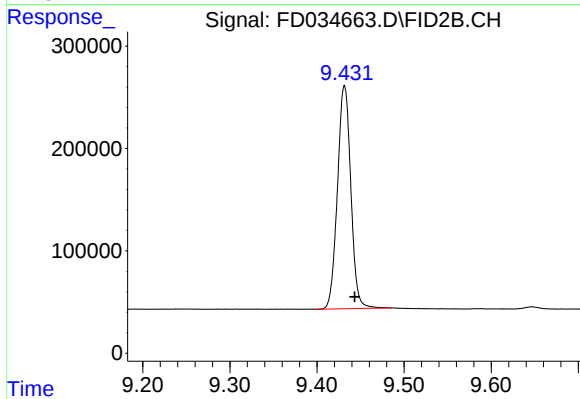
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.552 min
Delta R.T.: -0.010 min
Response: 1461573
Conc: 20.31 ug/ml



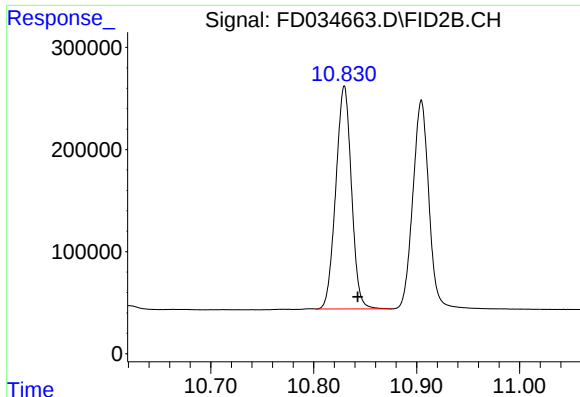
#7 Acenaphthene (C15.5)

R.T.: 8.650 min
Delta R.T.: -0.013 min
Response: 2399933
Conc: 20.17 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.432 min
Delta R.T.: -0.012 min
Response: 2325538
Conc: 20.17 ug/ml



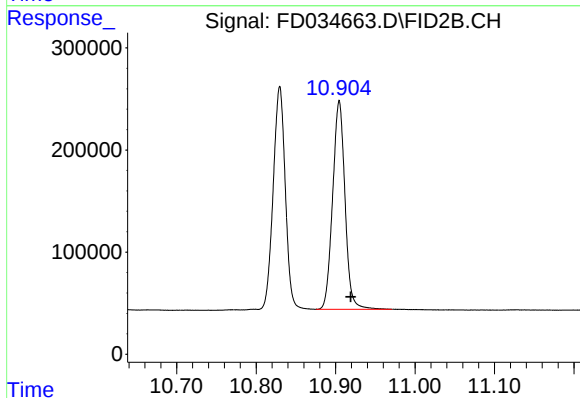
#9 Phenanthrene (C19.36)

R.T.: 10.830 min
Delta R.T.: -0.013 min
Response: 2306065
Conc: 19.78 ug/ml

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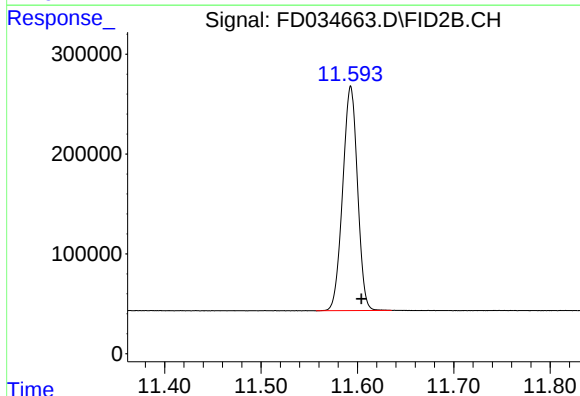
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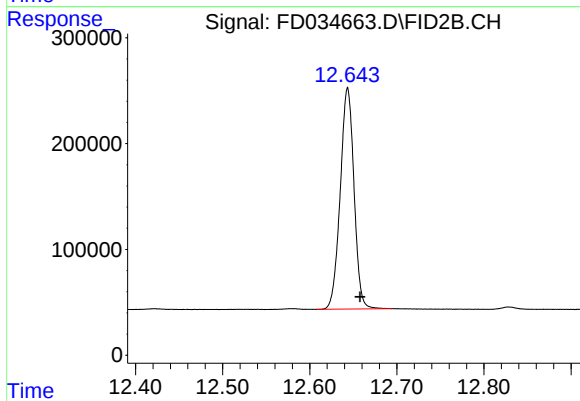
#10 Anthracene (C19.43)

R.T.: 10.905 min
Delta R.T.: -0.015 min
Response: 2208770
Conc: 19.39 ug/ml



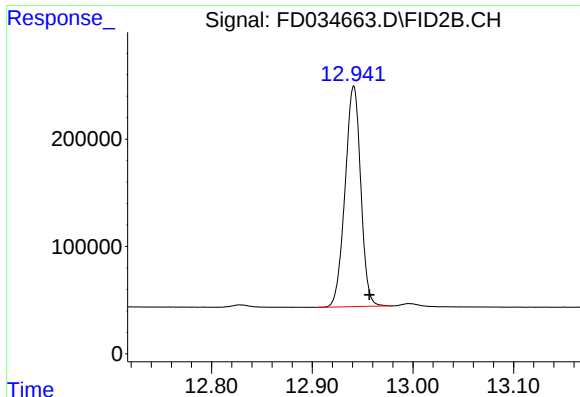
#11 ortho-Terphenyl (SURR)

R.T.: 11.593 min
Delta R.T.: -0.011 min
Response: 2389774
Conc: 19.95 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.644 min
Delta R.T.: -0.014 min
Response: 2297313
Conc: 19.70 ug/ml



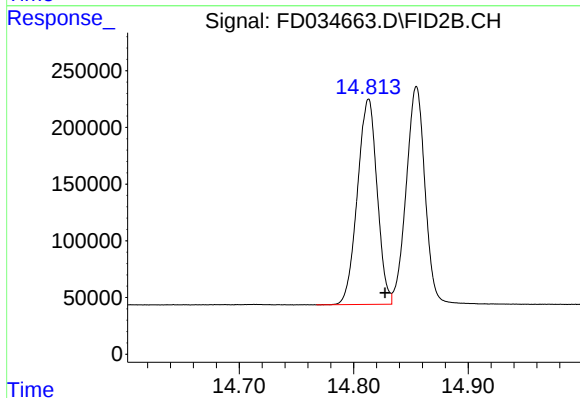
#13 Pyrene (C20.8)

R.T.: 12.941 min
Delta R.T.: -0.016 min
Response: 2226645
Conc: 19.62 ug/ml

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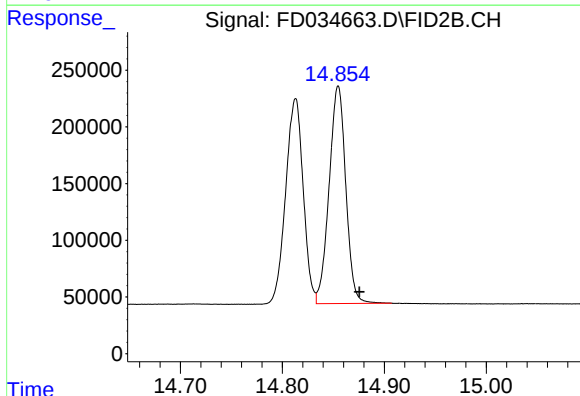
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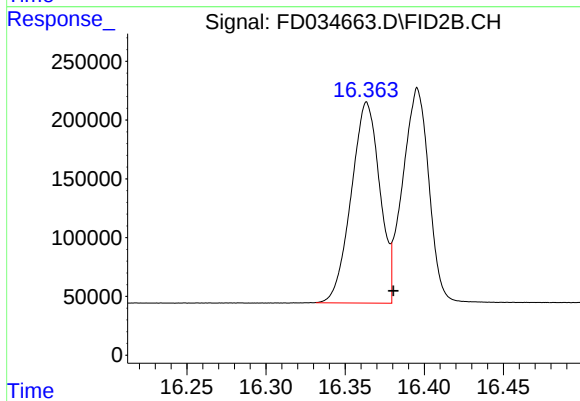
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.813 min
Delta R.T.: -0.014 min
Response: 2162770
Conc: 19.60 ug/ml



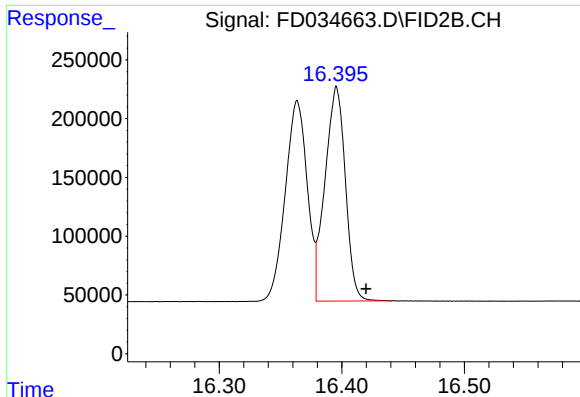
#15 Chrysene (C27.41)

R.T.: 14.855 min
Delta R.T.: -0.021 min
Response: 2182382
Conc: 19.54 ug/ml



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

R.T.: 16.363 min
Delta R.T.: -0.017 min
Response: 2153599
Conc: 20.11 ug/ml m



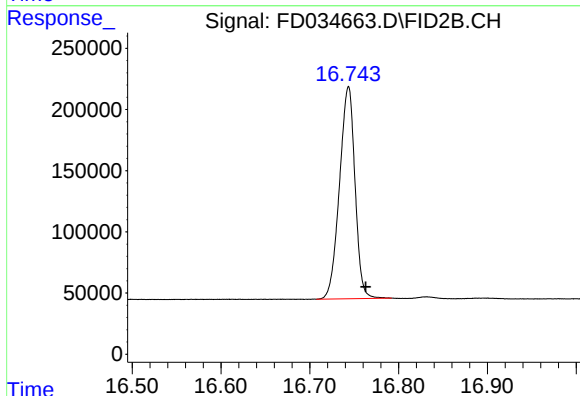
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.396 min
Delta R.T.: -0.024 min
Response: 2110386
Conc: 19.90 ug/ml

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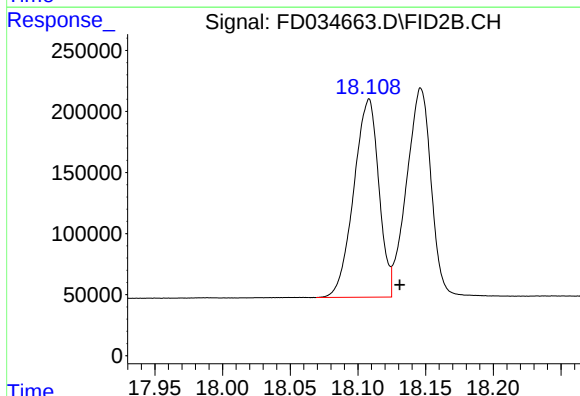
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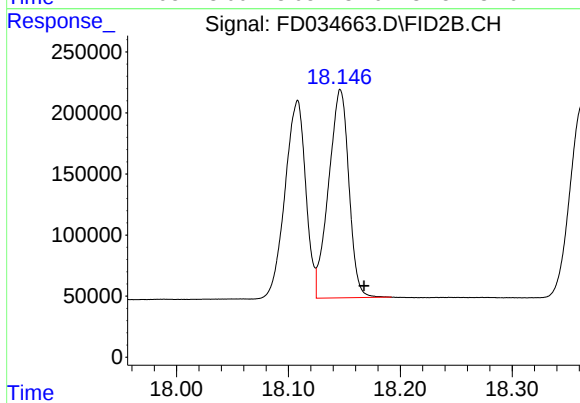
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.744 min
Delta R.T.: -0.020 min
Response: 2100913
Conc: 19.95 ug/ml



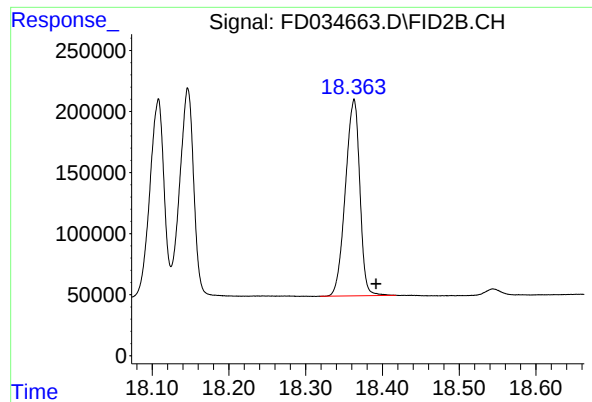
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.108 min
Delta R.T.: -0.023 min
Response: 2100865
Conc: 20.74 ug/ml m



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

R.T.: 18.147 min
Delta R.T.: -0.021 min
Response: 2147217
Conc: 21.13 ug/ml



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

R.T.: 18.363 min
Delta R.T.: -0.029 min
Response: 2100061
Conc: 20.80 ug/ml

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