

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042622AR\
 Data File : FD042110.D
 Signal(s) : FID2B.CH
 Acq On : 26 Apr 2022 20:20
 Operator : UA/NP
 Sample : PB144334BSD
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB144334BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/27/2022
 Supervised By :mohammad ahmed 04/27/2022

Integration File: autoint1.e
 Quant Time: Apr 27 00:39:08 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042122.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 21 17:32:22 2022
 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...	7.331	5796612	41.355 ug/ml
Spiked Amount 50.000		Recovery =	82.71%
6) S 2-Fluorobiphenyl (SURR)	8.180	3694798	51.855 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	103.71%
11) S ortho-Terphenyl (SURR)	11.208	6423506	37.059 ug/ml
Spiked Amount 50.000		Recovery =	74.12%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.152	4969409	31.921 ug/mlm
2) T Naphthalene (C11.7)	5.673	5806740	36.810 ug/ml
3) T 2-Methylnaphthalene (...)	6.719	5637420	38.985 ug/ml
5) T Acenaphthylene (C15.06)	7.981	5928338	35.972 ug/ml
7) T Acenaphthene (C15.5)	8.275	6784389	36.136 ug/ml
8) T Flouorene (C16.55)	9.052	6536926	42.917 ug/ml
9) T Phenanthrene (C19.36)	10.439	6721308	45.265 ug/ml
10) T Anthracene (C19.43)	10.515	7022601	41.948 ug/ml
12) T Fluoranthene (C21.85)	12.241	6733538	42.927 ug/mlm
13) T Pyrene (C20.8)	12.534	6827330	41.859 ug/ml
14) T Benzo[a]anthracene (C...	14.405	6241604	52.179 ug/ml
15) T Chrysene (C27.41)	14.447	6218843	33.897 ug/mlm
16) T benzo[b]fluoranthene ...	15.953	6135693	46.731 ug/ml
17) T Bnezo[k]fluoranthene ...	15.986	6656047	38.500 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.328	5596158	37.929 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.698	5610356	56.209 ug/mlm
20) T Dibenz[a,h]anthracene...	17.734	6299258	40.134 ug/ml
21) T Benzo[g,h,i]perylene ...	17.948	6130062	44.264 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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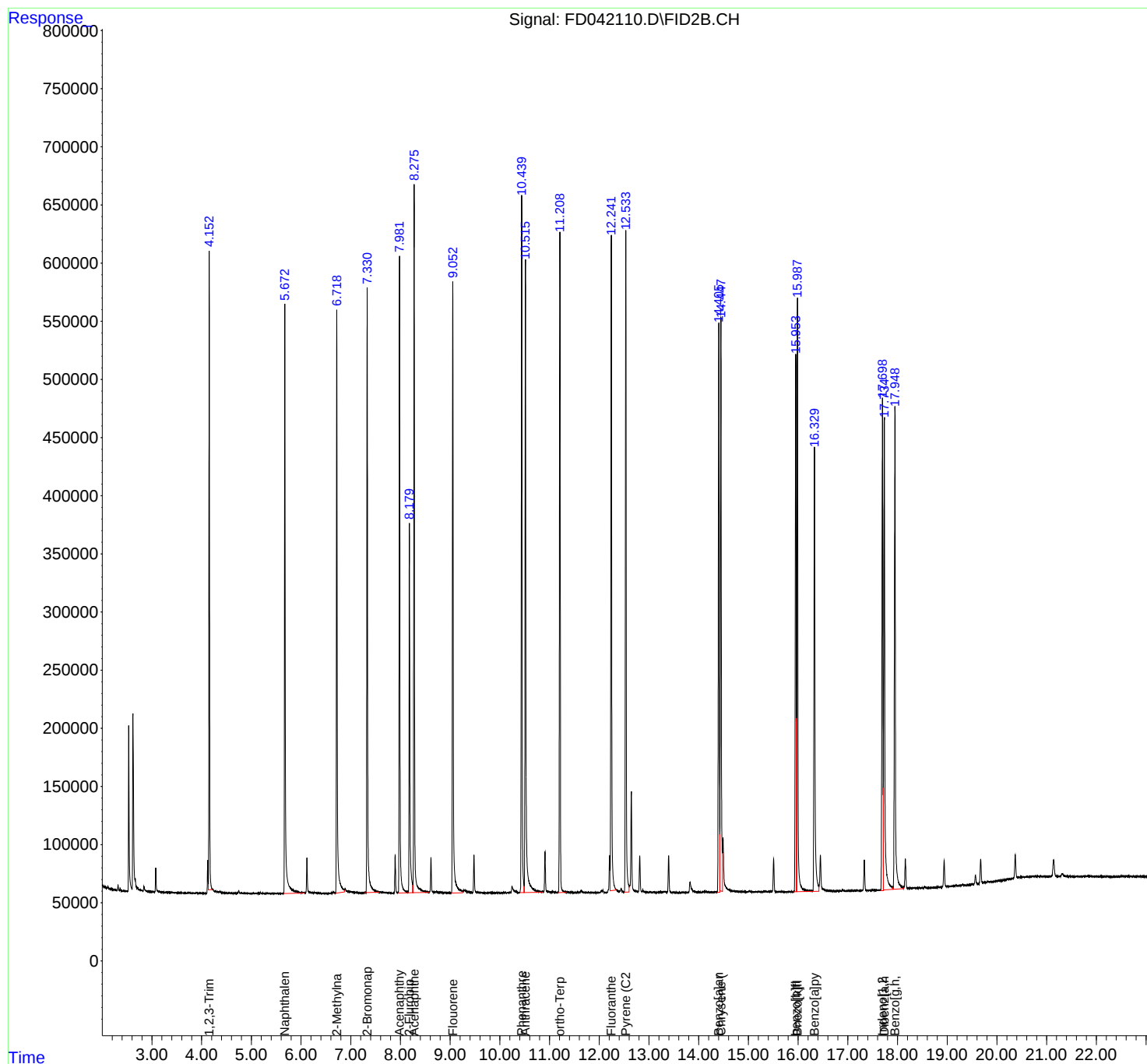
Instrument :
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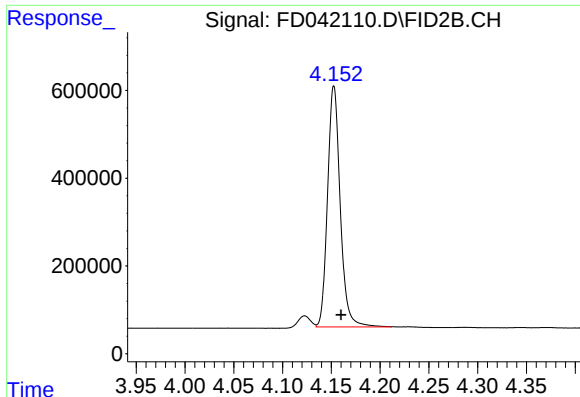
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.152 min
Delta R.T.: -0.008 min
Response: 4969409
Conc: 31.92 ug/ml

Instrument :

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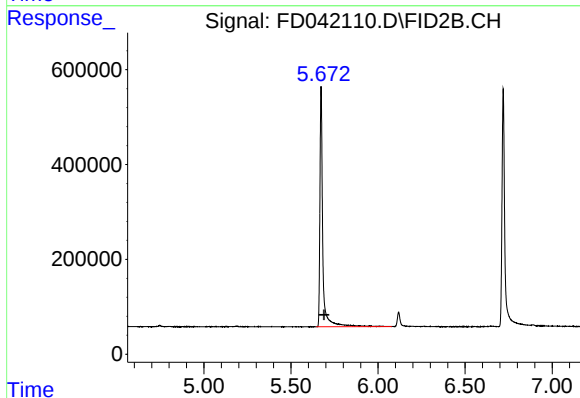
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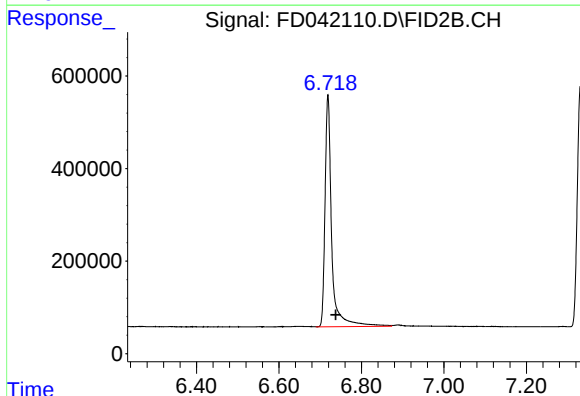
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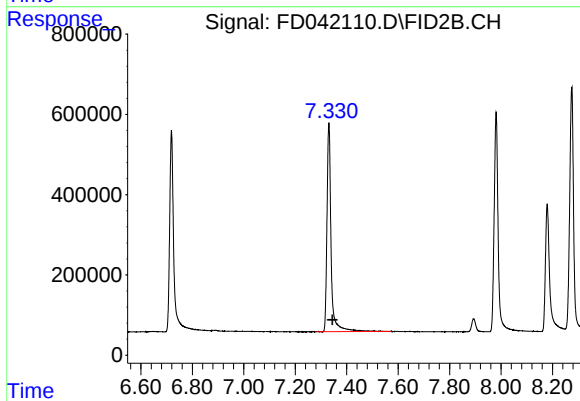
#2 Naphthalene (C11.7)

R.T.: 5.673 min
Delta R.T.: -0.018 min
Response: 5806740
Conc: 36.81 ug/ml



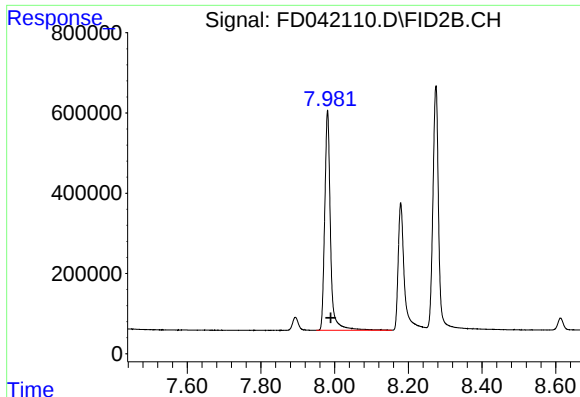
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.719 min
Delta R.T.: -0.019 min
Response: 5637420
Conc: 38.98 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.331 min
Delta R.T.: -0.014 min
Response: 5796612
Conc: 41.35 ug/ml



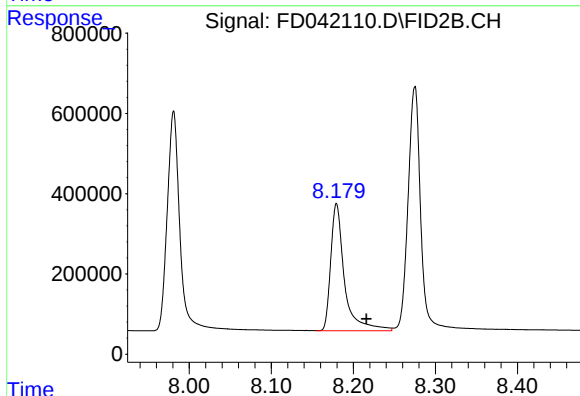
#5 Acenaphthylene (C15.06)

R.T.: 7.981 min
Delta R.T.: -0.008 min
Response: 5928338
Conc: 35.97 ug/ml

Instrument :
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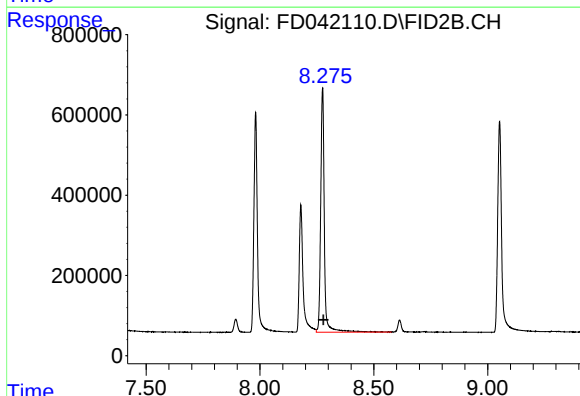
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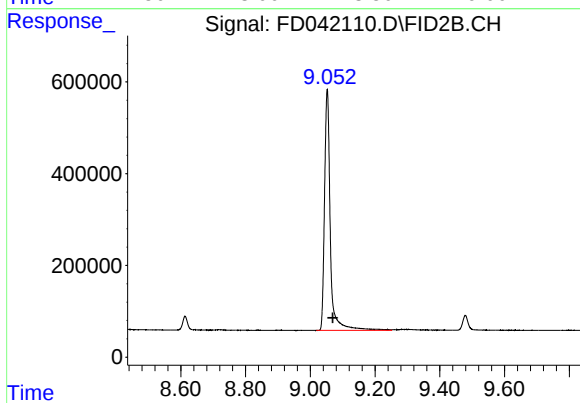
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.180 min
Delta R.T.: -0.036 min
Response: 3694798
Conc: 51.86 ug/ml



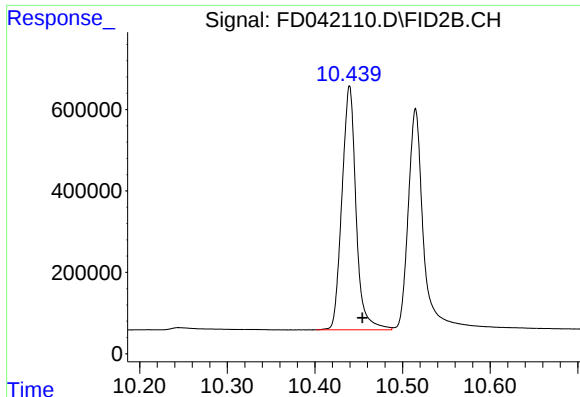
#7 Acenaphthene (C15.5)

R.T.: 8.275 min
Delta R.T.: -0.003 min
Response: 6784389
Conc: 36.14 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.052 min
Delta R.T.: -0.017 min
Response: 6536926
Conc: 42.92 ug/ml



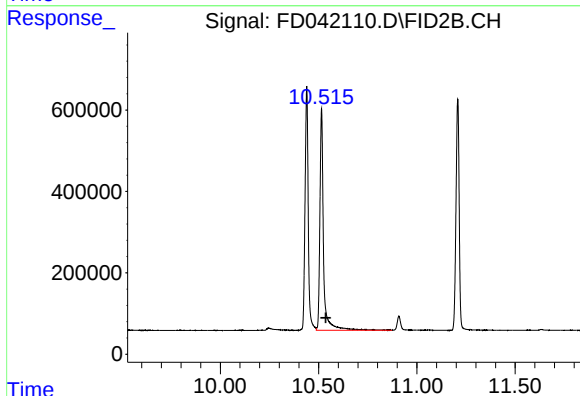
#9 Phenanthrene (C19.36)

R.T.: 10.439 min
Delta R.T.: -0.015 min
Response: 6721308
Conc: 45.27 ug/ml

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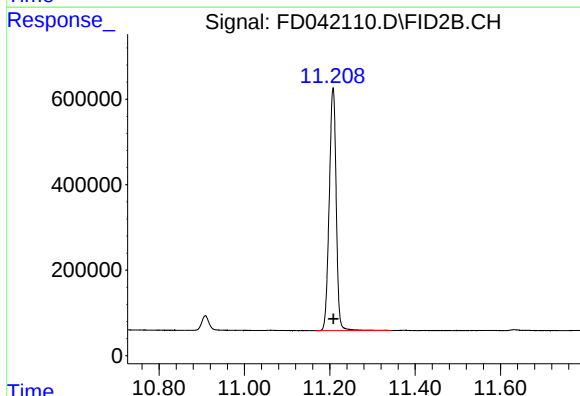
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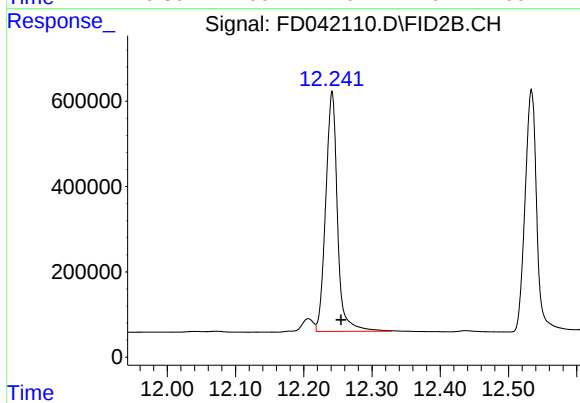
#10 Anthracene (C19.43)

R.T.: 10.515 min
Delta R.T.: -0.022 min
Response: 7022601
Conc: 41.95 ug/ml



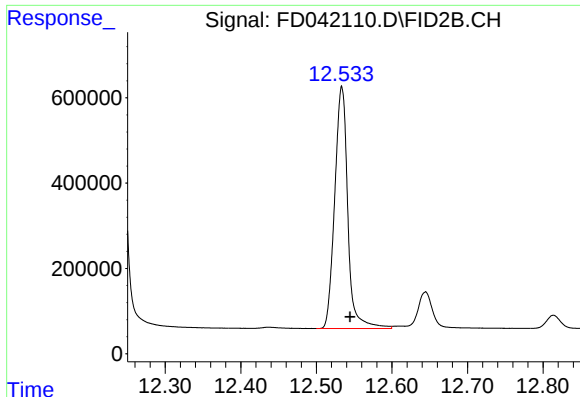
#11 ortho-Terphenyl (SURR)

R.T.: 11.208 min
Delta R.T.: 0.000 min
Response: 6423506
Conc: 37.06 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.241 min
Delta R.T.: -0.014 min
Response: 6733538
Conc: 42.93 ug/ml m



#13 Pyrene (C20.8)

R.T.: 12.534 min
Delta R.T.: -0.011 min
Response: 6827330
Conc: 41.86 ug/ml

Instrument :

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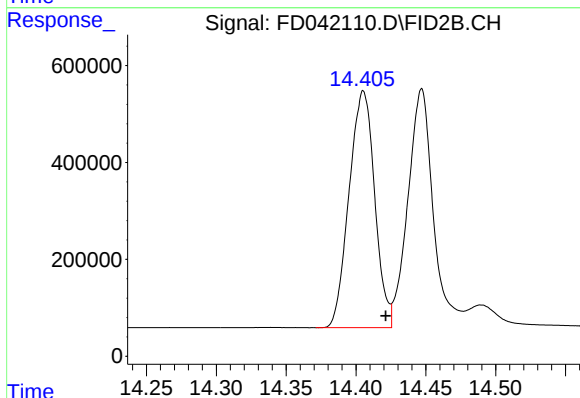
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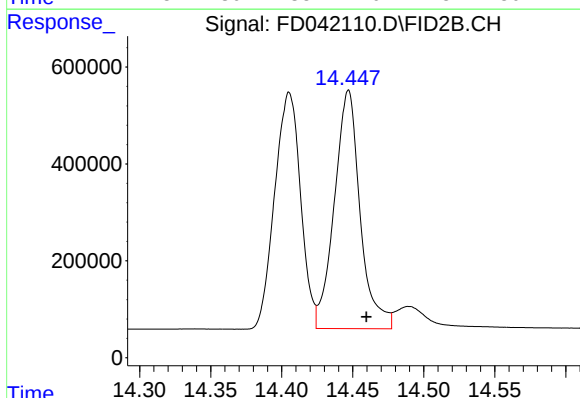
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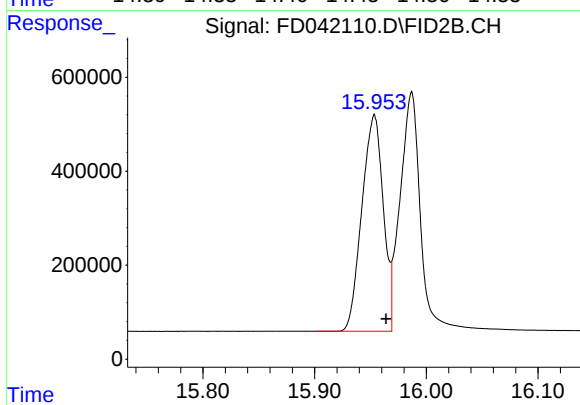
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.405 min
Delta R.T.: -0.017 min
Response: 6241604
Conc: 52.18 ug/ml



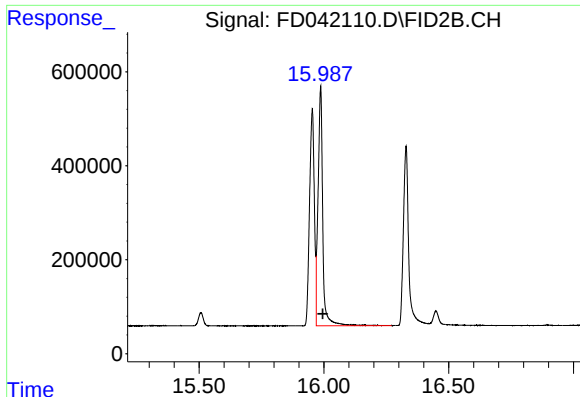
#15 Chrysene (C27.41)

R.T.: 14.447 min
Delta R.T.: -0.013 min
Response: 6218843
Conc: 33.90 ug/ml m



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

R.T.: 15.953 min
Delta R.T.: -0.011 min
Response: 6135693
Conc: 46.73 ug/ml



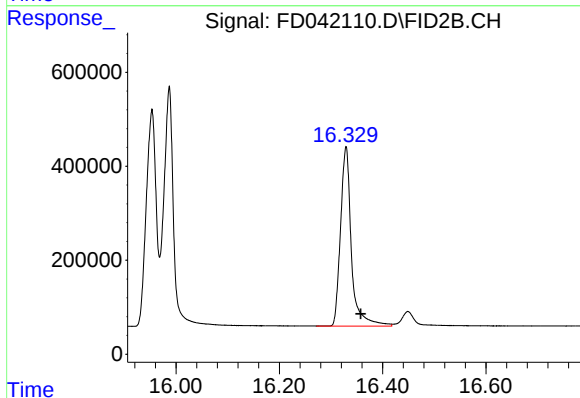
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.986 min
Delta R.T.: -0.009 min
Response: 6656047
Conc: 38.50 ug/ml

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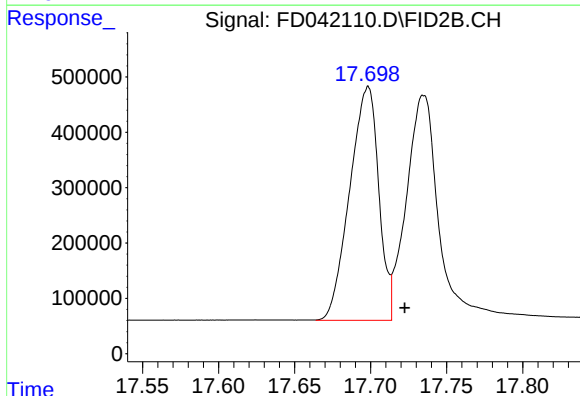
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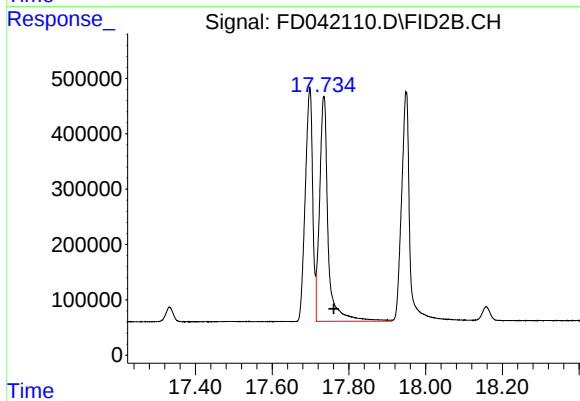
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.328 min
Delta R.T.: -0.029 min
Response: 5596158
Conc: 37.93 ug/ml



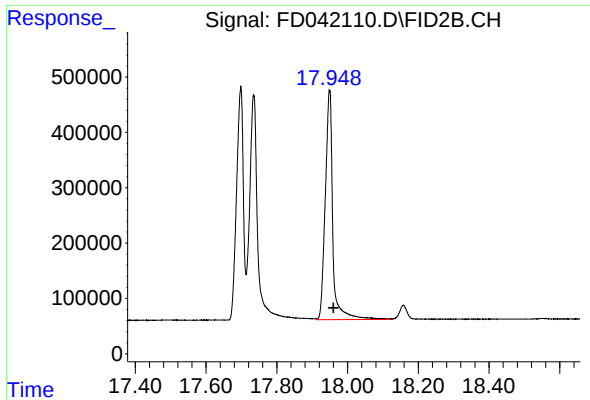
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.698 min
Delta R.T.: -0.024 min
Response: 5610356
Conc: 56.21 ug/ml m



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

R.T.: 17.734 min
Delta R.T.: -0.027 min
Response: 6299258
Conc: 40.13 ug/ml



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

R.T.: 17.948 min
Delta R.T.: -0.013 min
Response: 6130062
Conc: 44.26 ug/ml

Instrument :

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