

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042622AR\
 Data File : FD042120.D
 Signal(s) : FID2B.CH
 Acq On : 27 Apr 2022 2:49
 Operator : UA/NP
 Sample : N2528-05MS
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 TP8-1.5-2.0MS

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 03:23:17 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...	7.330	6376307	45.491 ug/ml
Spiked Amount 50.000		Recovery =	90.98%
6) S 2-Fluorobiphenyl (SURR)	8.180	3909166	54.864 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	109.73%
11) S ortho-Terphenyl (SURR)	11.208	5943725	34.291 ug/ml
Spiked Amount 50.000		Recovery =	68.58%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.153	5854883	37.608 ug/mlm
2) T Naphthalene (C11.7)	5.673	6461411	40.960 ug/ml
3) T 2-Methylnaphthalene (...)	6.719	6483430	44.835 ug/ml
5) T Acenaphthylene (C15.06)	7.981	6666875	40.454 ug/ml
7) T Acenaphthene (C15.5)	8.275	7438969	39.623 ug/ml
8) T Flouorene (C16.55)	9.053	7311125	48.000 ug/ml
9) T Phenanthrene (C19.36)	10.440	7457667	50.224 ug/ml
10) T Anthracene (C19.43)	10.515	7707059	46.037 ug/ml
12) T Fluoranthene (C21.85)	12.243	7616307	48.555 ug/ml
13) T Pyrene (C20.8)	12.535	7457542	45.722 ug/ml
14) T Benzo[a]anthracene (C...	14.407	6767154	56.573 ug/ml
15) T Chrysene (C27.41)	14.449	6759925	36.846 ug/ml
16) T benzo[b]fluoranthene ...	15.956	6656582	50.698 ug/ml
17) T Bnezo[k]fluoranthene ...	15.988	7160191	41.416 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.331	6080059	41.208 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.701	6241206	62.529 ug/mlm
20) T Dibenz[a,h]anthracene...	17.737	6918464	44.079 ug/ml
21) T Benzo[g,h,i]perylene ...	17.951	6723948	48.552 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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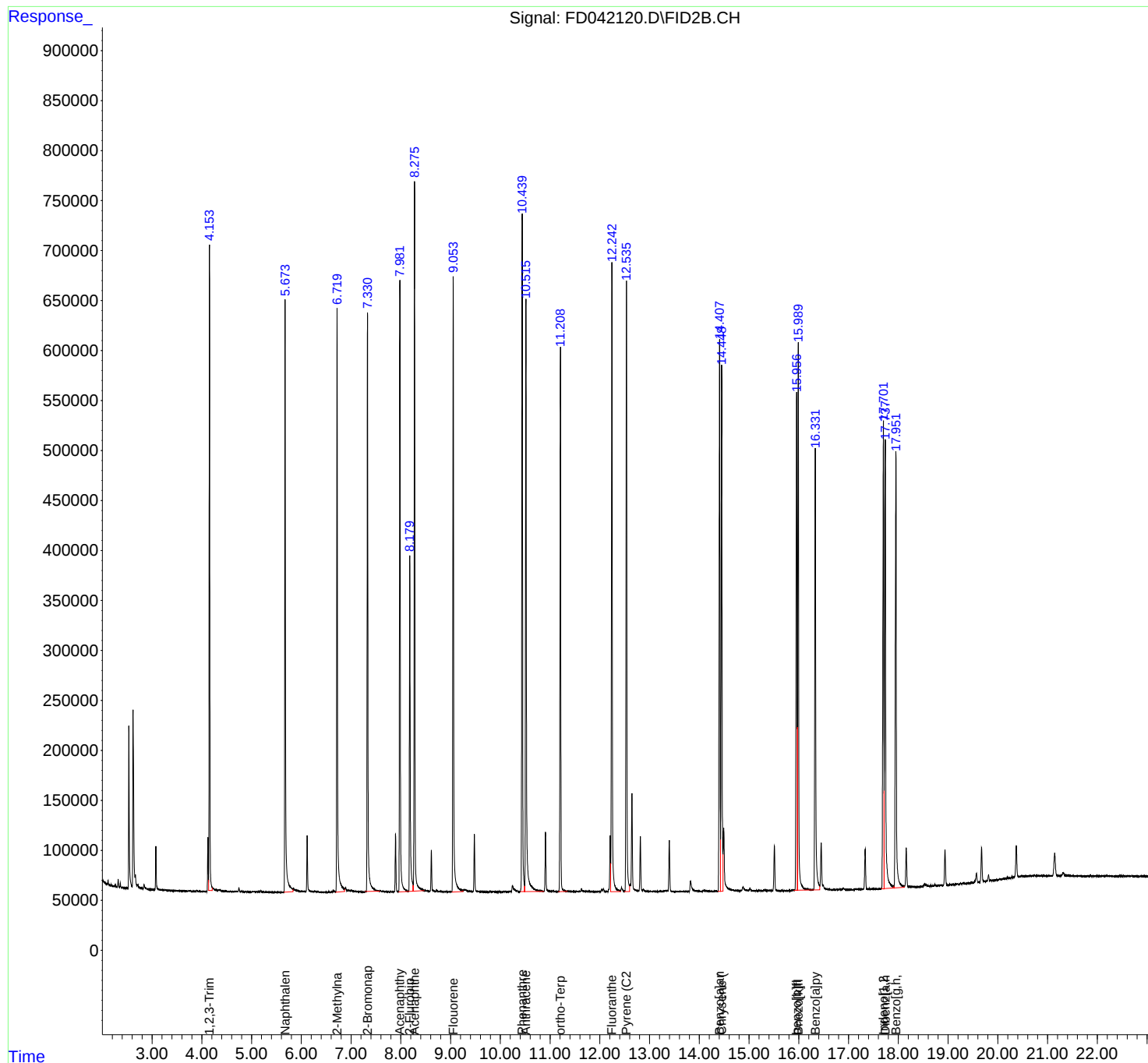
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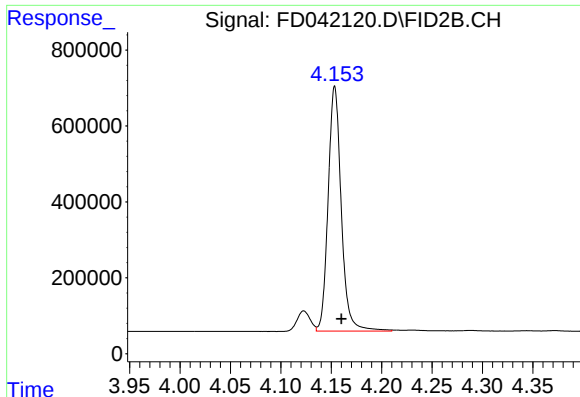
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.153 min
Delta R.T.: -0.007 min
Response: 5854883
Conc: 37.61 ug/ml

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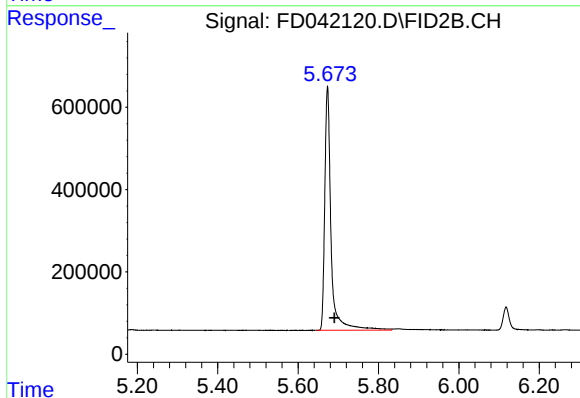
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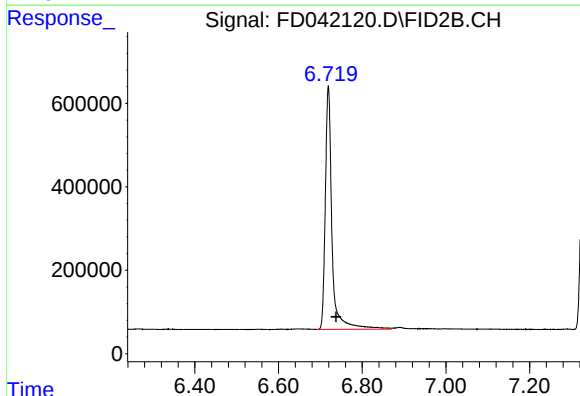
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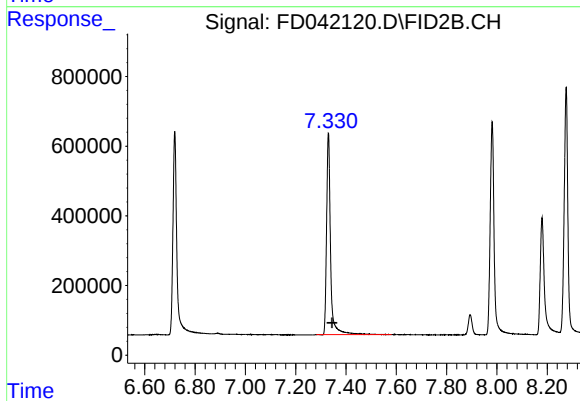
#2 Naphthalene (C11.7)

R.T.: 5.673 min
Delta R.T.: -0.017 min
Response: 6461411
Conc: 40.96 ug/ml



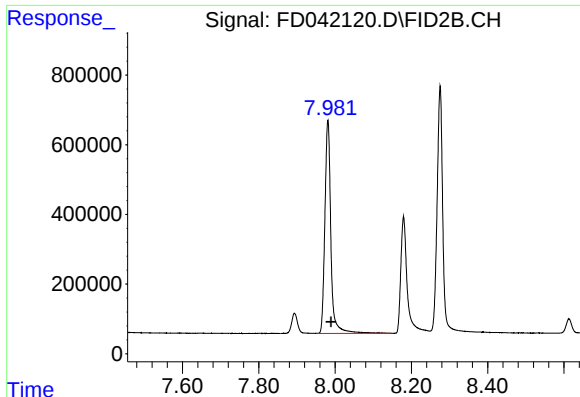
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.719 min
Delta R.T.: -0.019 min
Response: 6483430
Conc: 44.84 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.330 min
Delta R.T.: -0.015 min
Response: 6376307
Conc: 45.49 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 7.981 min
Delta R.T.: -0.008 min
Response: 6666875
Conc: 40.45 ug/ml

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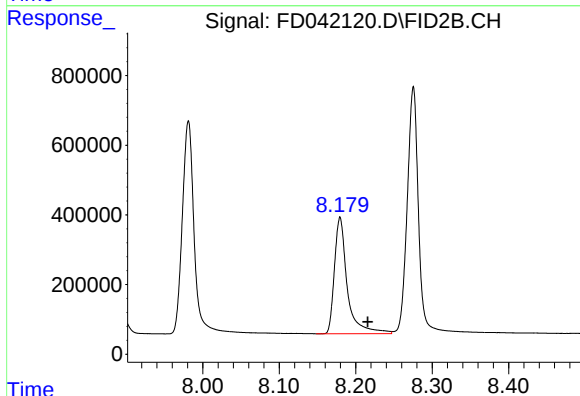
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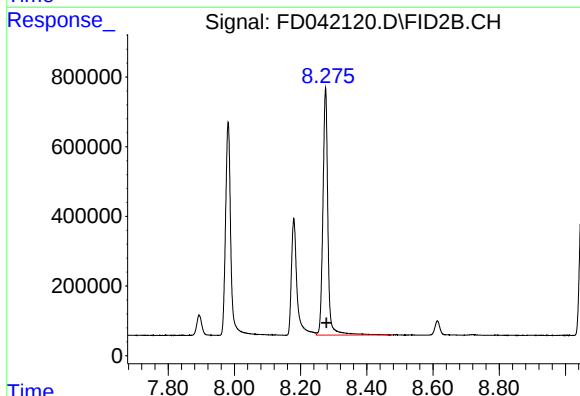
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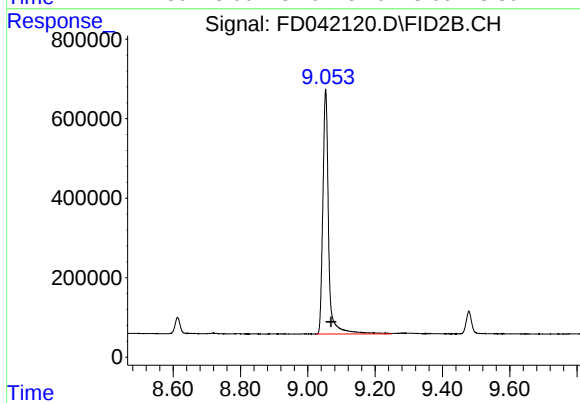
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.180 min
Delta R.T.: -0.036 min
Response: 3909166
Conc: 54.86 ug/ml



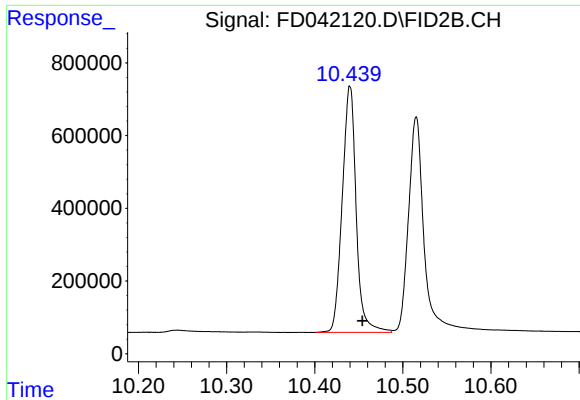
#7 Acenaphthene (C15.5)

R.T.: 8.275 min
Delta R.T.: -0.003 min
Response: 7438969
Conc: 39.62 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.053 min
Delta R.T.: -0.016 min
Response: 7311125
Conc: 48.00 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.440 min
Delta R.T.: -0.014 min
Response: 7457667
Conc: 50.22 ug/ml

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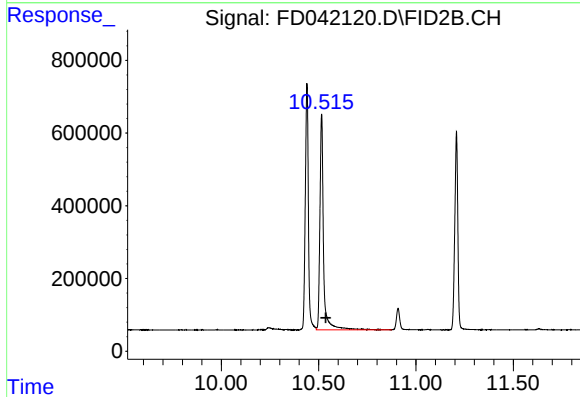
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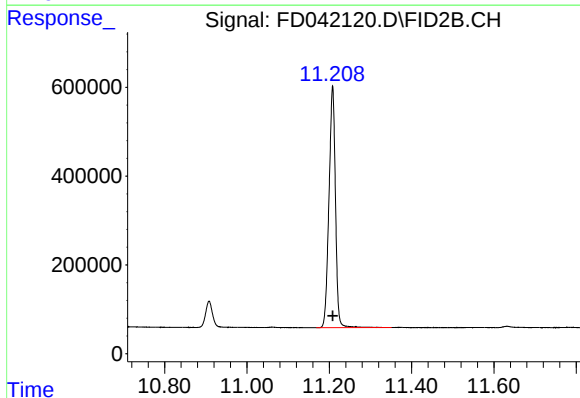
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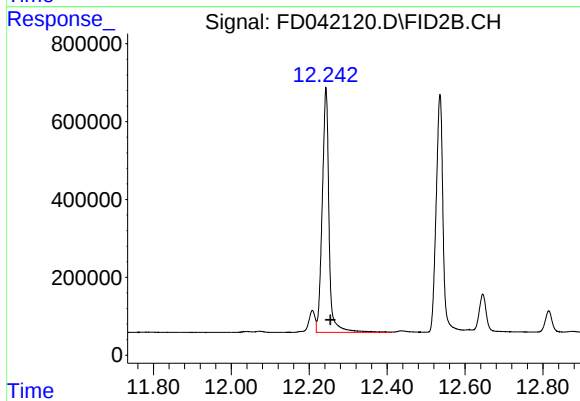
#10 Anthracene (C19.43)

R.T.: 10.515 min
Delta R.T.: -0.022 min
Response: 7707059
Conc: 46.04 ug/ml



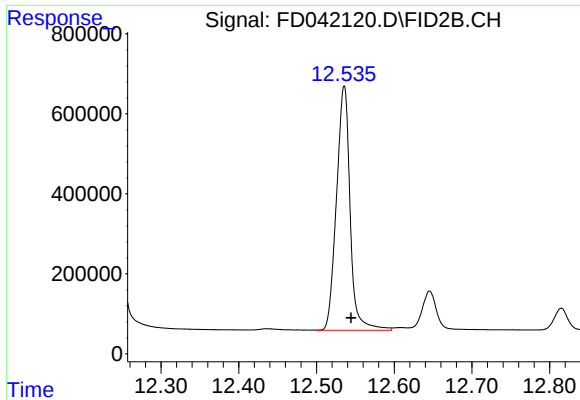
#11 ortho-Terphenyl (SURR)

R.T.: 11.208 min
Delta R.T.: 0.000 min
Response: 5943725
Conc: 34.29 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.243 min
Delta R.T.: -0.012 min
Response: 7616307
Conc: 48.55 ug/ml



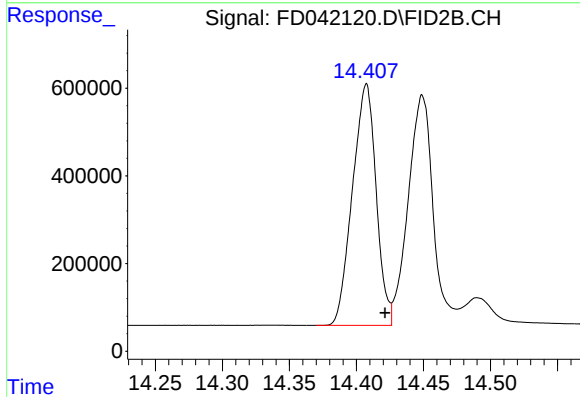
#13 Pyrene (C20.8)

R.T.: 12.535 min
Delta R.T.: -0.009 min
Response: 7457542
Conc: 45.72 ug/ml

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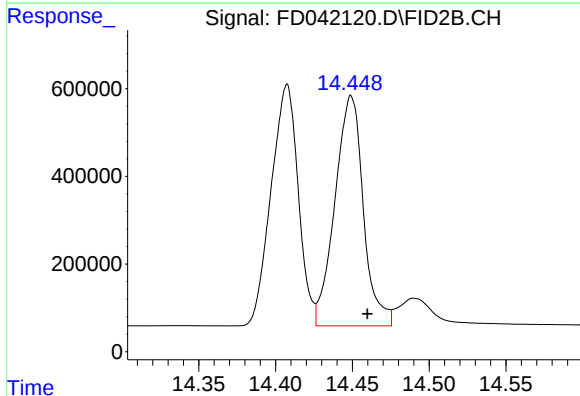
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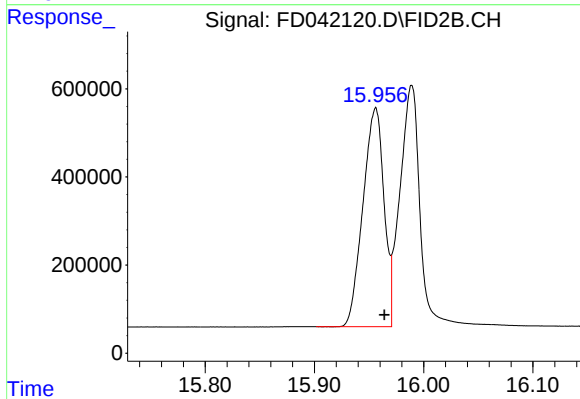
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.407 min
Delta R.T.: -0.014 min
Response: 6767154
Conc: 56.57 ug/ml



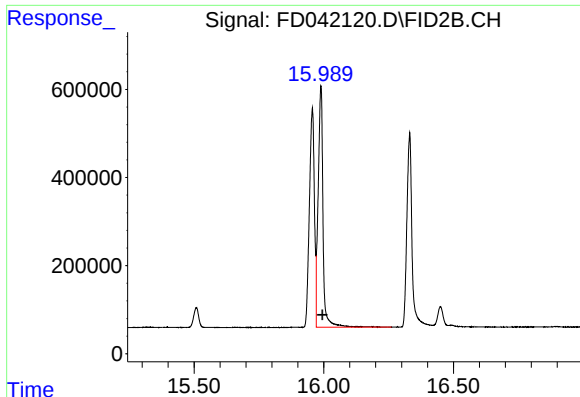
#15 Chrysene (C27.41)

R.T.: 14.449 min
Delta R.T.: -0.011 min
Response: 6759925
Conc: 36.85 ug/ml



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

R.T.: 15.956 min
Delta R.T.: -0.008 min
Response: 6656582
Conc: 50.70 ug/ml



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

R.T.: 15.988 min
Delta R.T.: -0.007 min
Response: 7160191
Conc: 41.42 ug/ml

Instrument :

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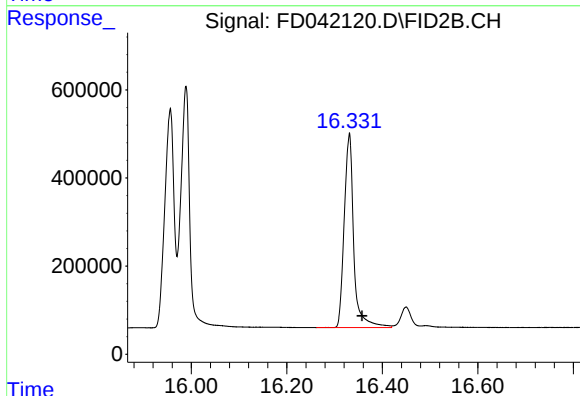
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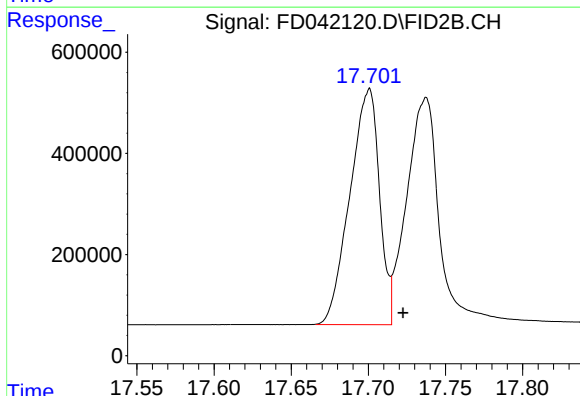
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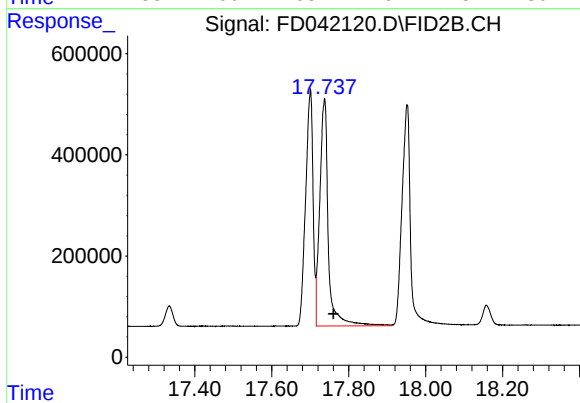
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.331 min
Delta R.T.: -0.027 min
Response: 6080059
Conc: 41.21 ug/ml



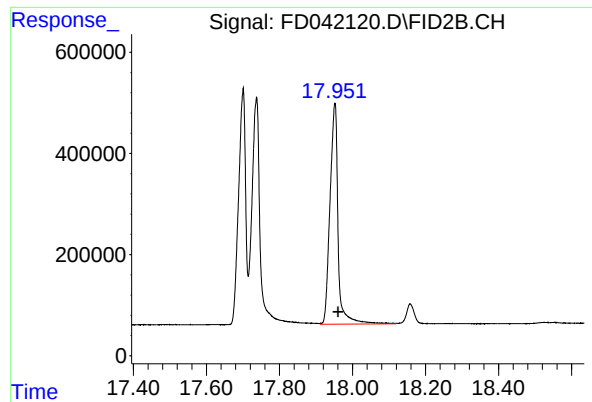
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.701 min
Delta R.T.: -0.022 min
Response: 6241206
Conc: 62.53 ug/ml m



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

R.T.: 17.737 min
Delta R.T.: -0.024 min
Response: 6918464
Conc: 44.08 ug/ml



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

R.T.: 17.951 min
Delta R.T.: -0.009 min
Response: 6723948
Conc: 48.55 ug/ml

Instrument :

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