

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051222AR\
 Data File : FD042427.D
 Signal(s) : FID2B.CH
 Acq On : 12 May 2022 23:10
 Operator : UA/NP
 Sample : N2776-02MS
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 CF-280MER-9-5MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/13/2022
 Supervised By :mohammad ahmed 05/13/2022

Integration File: sample.E
 Quant Time: May 13 03:11:54 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...	7.332	6910444	49.301 ug/ml
Spiked Amount 50.000		Recovery =	98.60%
6) S 2-Fluorobiphenyl (SURR)	8.182	4190557	58.813 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	117.63%
11) S ortho-Terphenyl (SURR)	11.207	6520410	37.618 ug/ml
Spiked Amount 50.000		Recovery =	75.24%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.157	6558423	42.128 ug/mlm
2) T Naphthalene (C11.7)	5.676	7393199	46.867 ug/ml
3) T 2-Methylnaphthalene (...)	6.721	7436524	51.426 ug/ml
5) T Acenaphthylene (C15.06)	7.984	7447328	45.189 ug/ml
7) T Acenaphthene (C15.5)	8.277	8372737	44.596 ug/ml
8) T Flouorene (C16.55)	9.055	7800856	51.215 ug/ml
9) T Phenanthrene (C19.36)	10.441	7405549	49.873 ug/ml
10) T Anthracene (C19.43)	10.516	7584802	45.307 ug/ml
12) T Fluoranthene (C21.85)	12.243	7264392	46.311 ug/ml
13) T Pyrene (C20.8)	12.536	7119968	43.653 ug/ml
14) T Benzo[a]anthracene (C...	14.406	6558686	54.830 ug/ml
15) T Chrysene (C27.41)	14.448	6316377	34.429 ug/ml
16) T benzo[b]fluoranthene ...	15.957	6763352	51.511 ug/ml
17) T Bnezo[k]fluoranthene ...	15.990	7214130	41.728 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.333	6190180	41.955 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.705	6394058	64.061 ug/mlm
20) T Dibenz[a,h]anthracene...	17.738	6906295	44.001 ug/ml
21) T Benzo[g,h,i]perylene ...	17.954	6801319	49.111 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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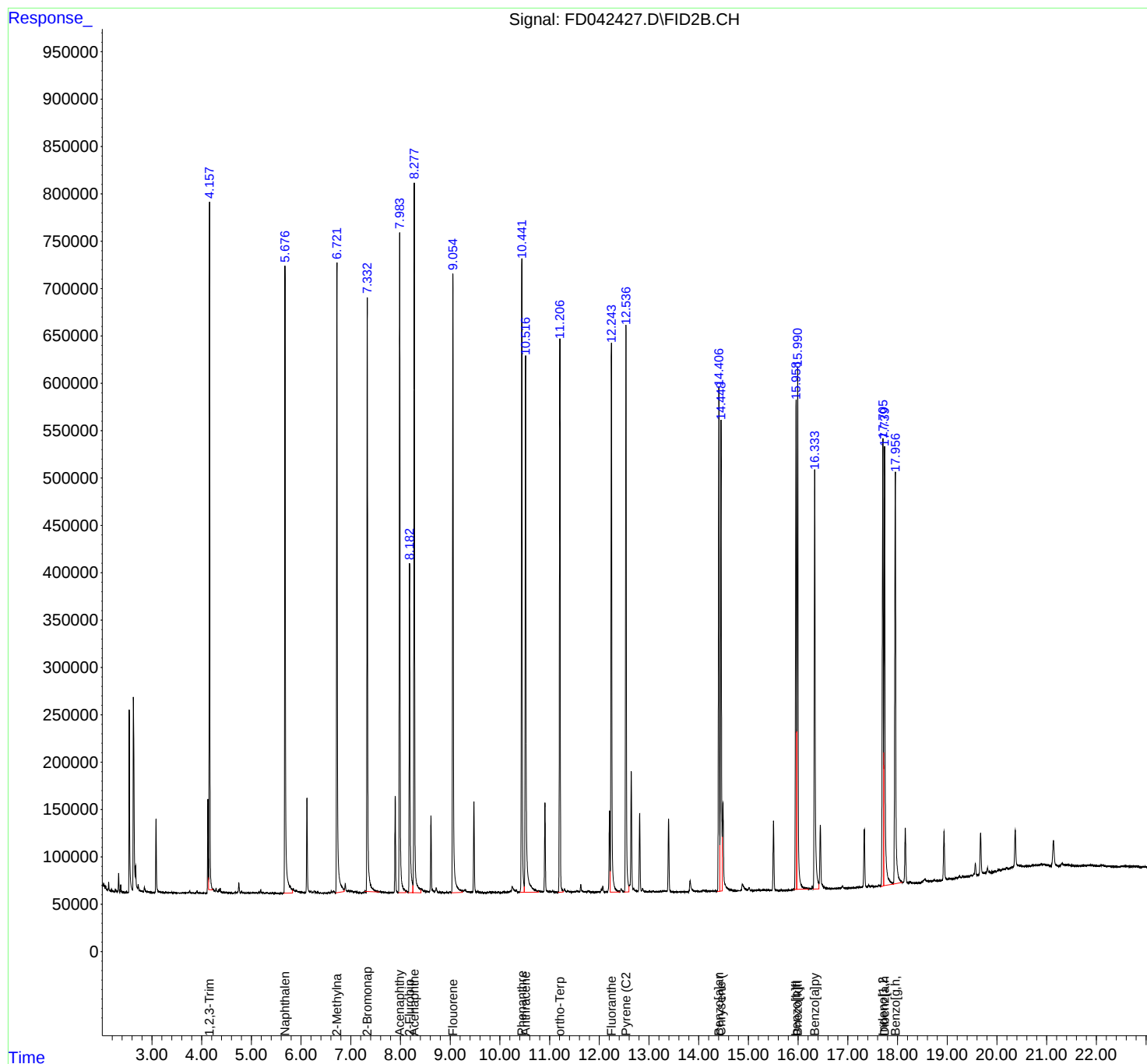
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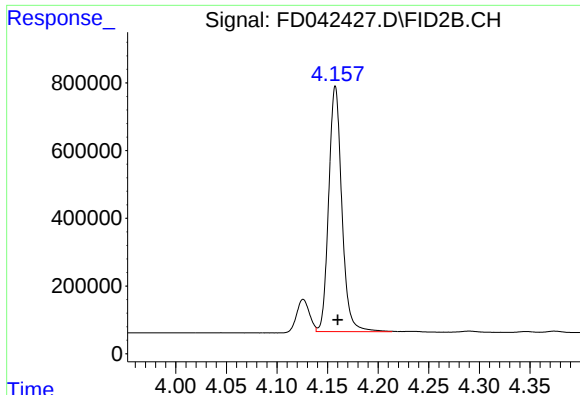
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.157 min
Delta R.T.: -0.003 min
Response: 6558423
Conc: 42.13 ug/ml

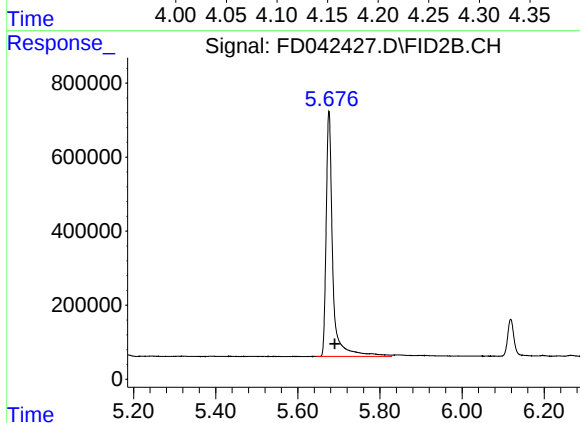
Instrument :

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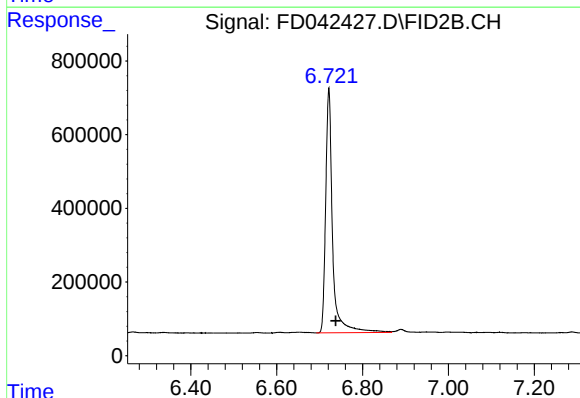
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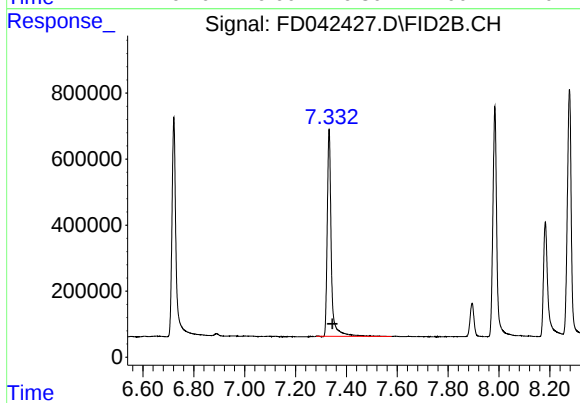
#2 Naphthalene (C11.7)

R.T.: 5.676 min
Delta R.T.: -0.014 min
Response: 7393199
Conc: 46.87 ug/ml



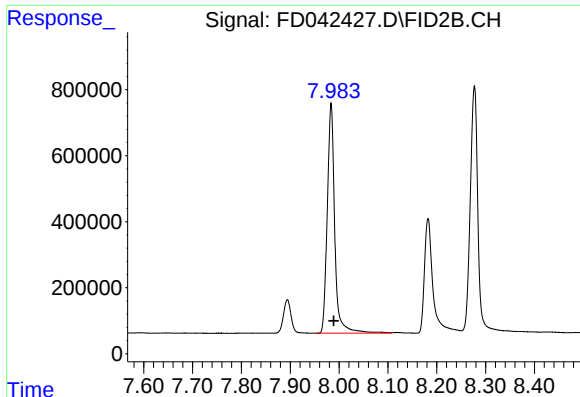
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.721 min
Delta R.T.: -0.016 min
Response: 7436524
Conc: 51.43 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.332 min
Delta R.T.: -0.013 min
Response: 6910444
Conc: 49.30 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 7.984 min
Delta R.T.: -0.006 min
Response: 7447328
Conc: 45.19 ug/ml

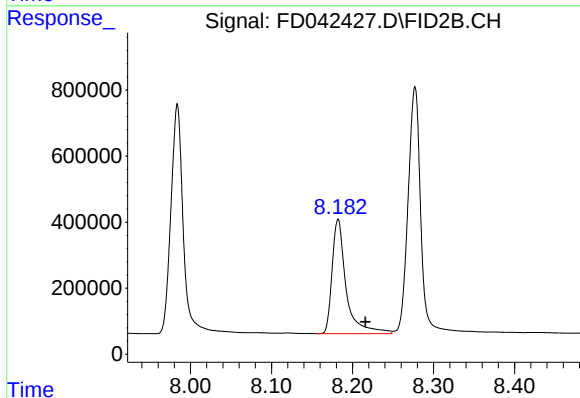
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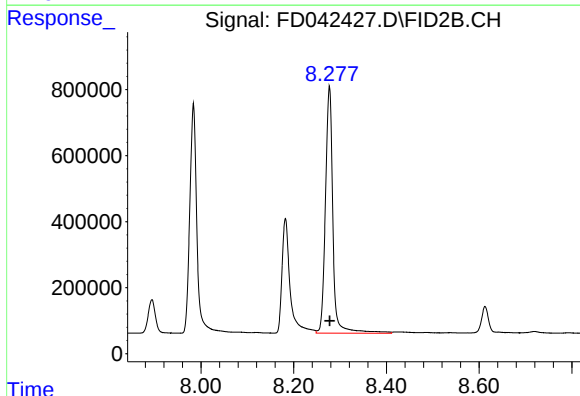
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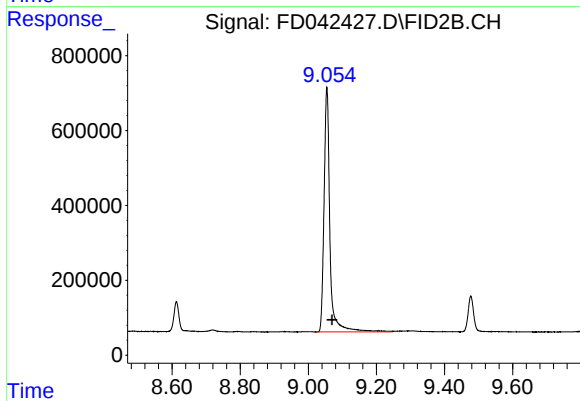
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.182 min
Delta R.T.: -0.034 min
Response: 4190557
Conc: 58.81 ug/ml



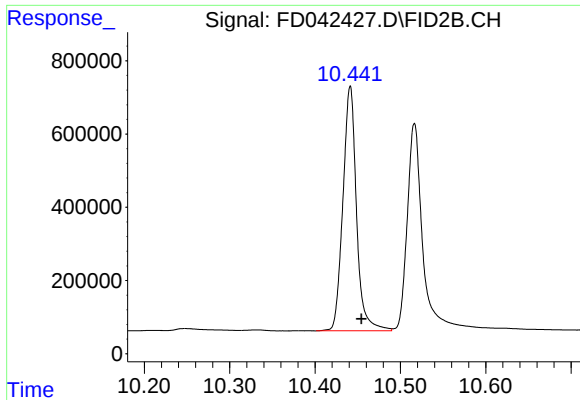
#7 Acenaphthene (C15.5)

R.T.: 8.277 min
Delta R.T.: -0.001 min
Response: 8372737
Conc: 44.60 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.055 min
Delta R.T.: -0.015 min
Response: 7800856
Conc: 51.22 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.441 min
Delta R.T.: -0.013 min
Response: 7405549
Conc: 49.87 ug/ml

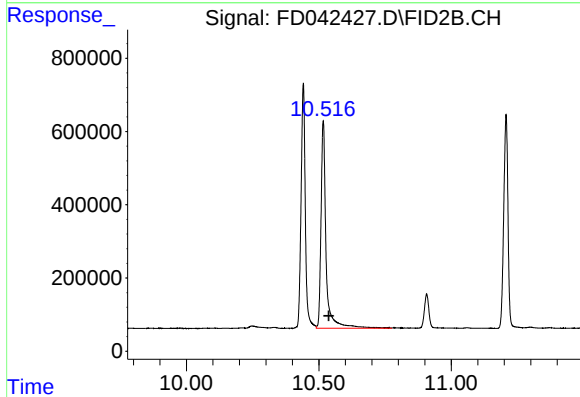
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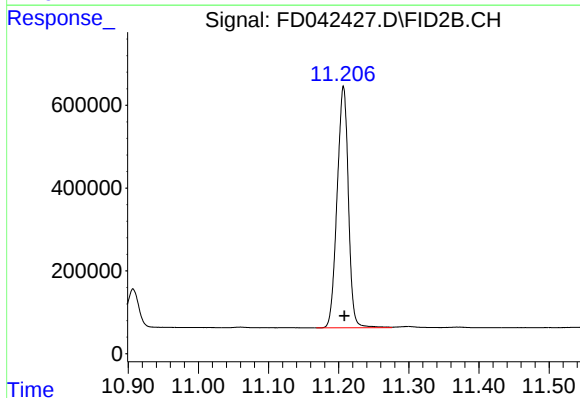
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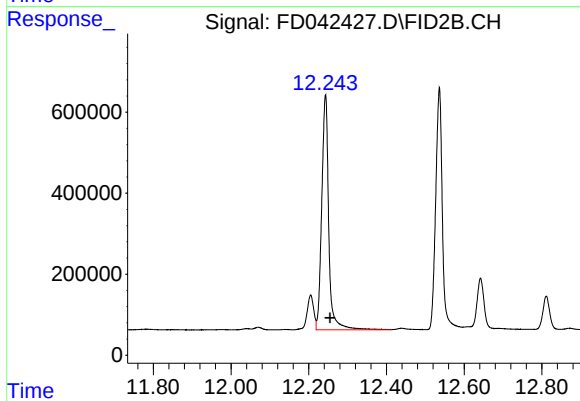
#10 Anthracene (C19.43)

R.T.: 10.516 min
Delta R.T.: -0.020 min
Response: 7584802
Conc: 45.31 ug/ml



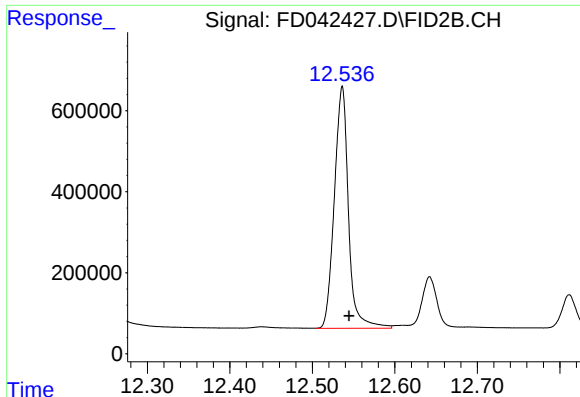
#11 ortho-Terphenyl (SURR)

R.T.: 11.207 min
Delta R.T.: -0.001 min
Response: 6520410
Conc: 37.62 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.243 min
Delta R.T.: -0.012 min
Response: 7264392
Conc: 46.31 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.536 min
Delta R.T.: -0.009 min
Response: 7119968
Conc: 43.65 ug/ml

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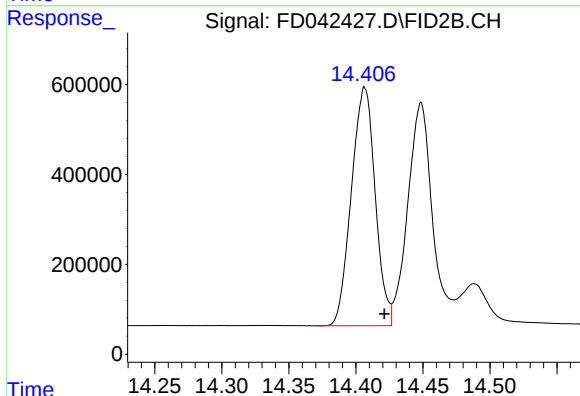
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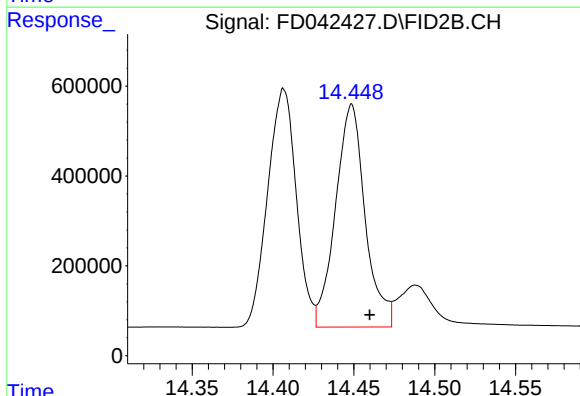
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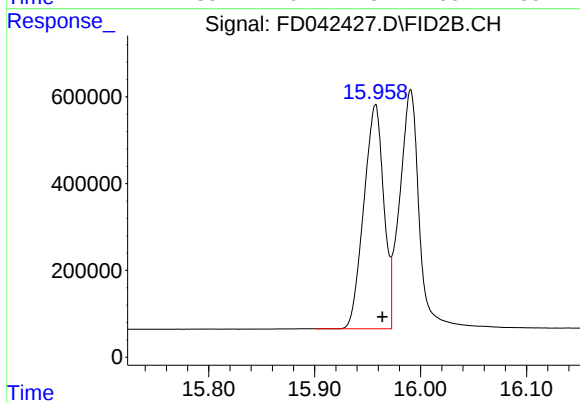
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.406 min
Delta R.T.: -0.015 min
Response: 6558686
Conc: 54.83 ug/ml



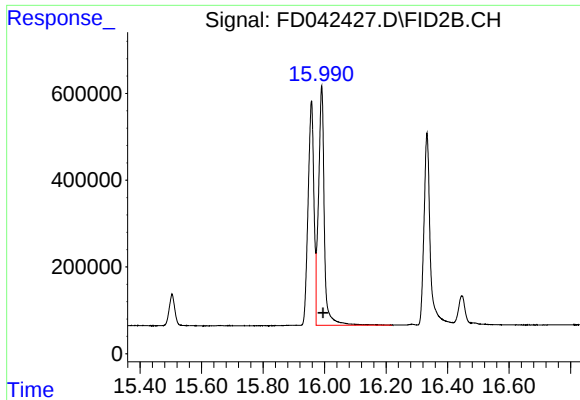
#15 Chrysene (C27.41)

R.T.: 14.448 min
Delta R.T.: -0.011 min
Response: 6316377
Conc: 34.43 ug/ml



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

R.T.: 15.957 min
Delta R.T.: -0.007 min
Response: 6763352
Conc: 51.51 ug/ml



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

R.T.: 15.990 min
Delta R.T.: -0.005 min
Response: 7214130
Conc: 41.73 ug/ml

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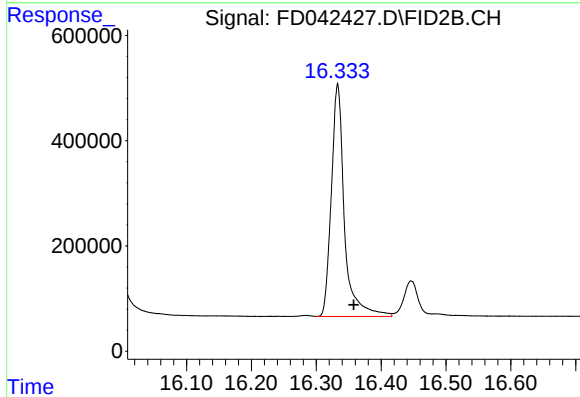
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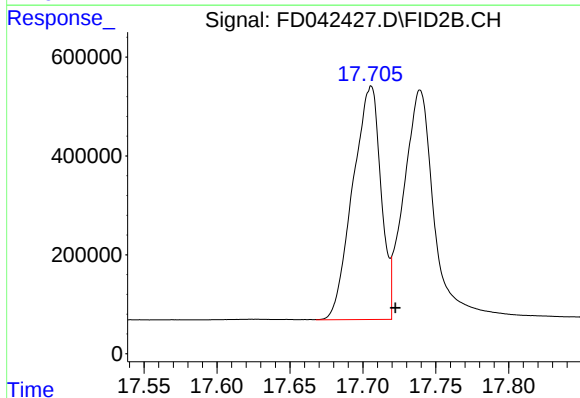
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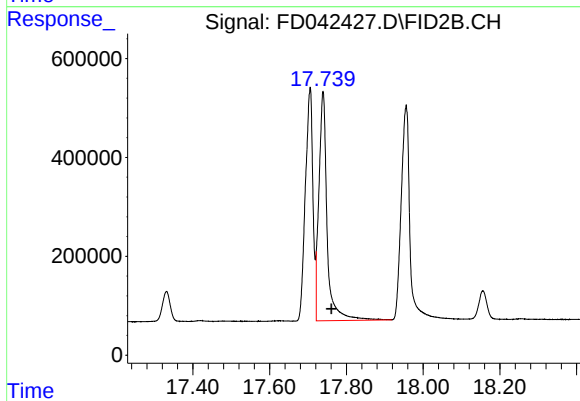
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.333 min
Delta R.T.: -0.025 min
Response: 6190180
Conc: 41.95 ug/ml



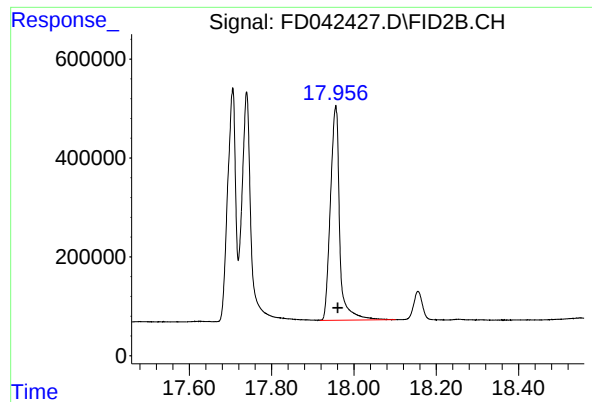
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.705 min
Delta R.T.: -0.017 min
Response: 6394058
Conc: 64.06 ug/ml m



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

R.T.: 17.738 min
Delta R.T.: -0.022 min
Response: 6906295
Conc: 44.00 ug/ml



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

R.T.: 17.954 min
Delta R.T.: -0.006 min
Response: 6801319
Conc: 49.11 ug/ml

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