

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051222AR\
 Data File : FD042428.D
 Signal(s) : FID2B.CH
 Acq On : 12 May 2022 23:49
 Operator : UA/NP
 Sample : N2776-02MSD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

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

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 03:12:07 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	6843196	48.822 ug/ml
Spiked Amount 50.000		Recovery =	97.64%
6) S 2-Fluorobiphenyl (SURR)	8.182	4091651	57.425 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	114.85%
11) S ortho-Terphenyl (SURR)	11.207	6452996	37.229 ug/ml
Spiked Amount 50.000		Recovery =	74.46%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.157	6477531	41.608 ug/mlm
2) T Naphthalene (C11.7)	5.676	7245064	45.928 ug/ml
3) T 2-Methylnaphthalene (...)	6.722	7367752	50.951 ug/ml
5) T Acenaphthylene (C15.06)	7.983	7360097	44.660 ug/ml
7) T Acenaphthene (C15.5)	8.277	8062347	42.943 ug/ml
8) T Flouorene (C16.55)	9.054	7649840	50.224 ug/ml
9) T Phenanthrene (C19.36)	10.441	7339545	49.429 ug/ml
10) T Anthracene (C19.43)	10.517	7555170	45.130 ug/ml
12) T Fluoranthene (C21.85)	12.243	7239866	46.155 ug/ml
13) T Pyrene (C20.8)	12.535	7110910	43.597 ug/ml
14) T Benzo[a]anthracene (C...	14.408	6549441	54.753 ug/ml
15) T Chrysene (C27.41)	14.449	6302438	34.353 ug/ml
16) T benzo[b]fluoranthene ...	15.957	6726212	51.229 ug/ml
17) T Bnezo[k]fluoranthene ...	15.990	7213914	41.727 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.333	6173692	41.843 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.706	6394973	64.070 ug/mlm
20) T Dibenz[a,h]anthracene...	17.739	7061145	44.988 ug/ml
21) T Benzo[g,h,i]perylene ...	17.955	6796814	49.078 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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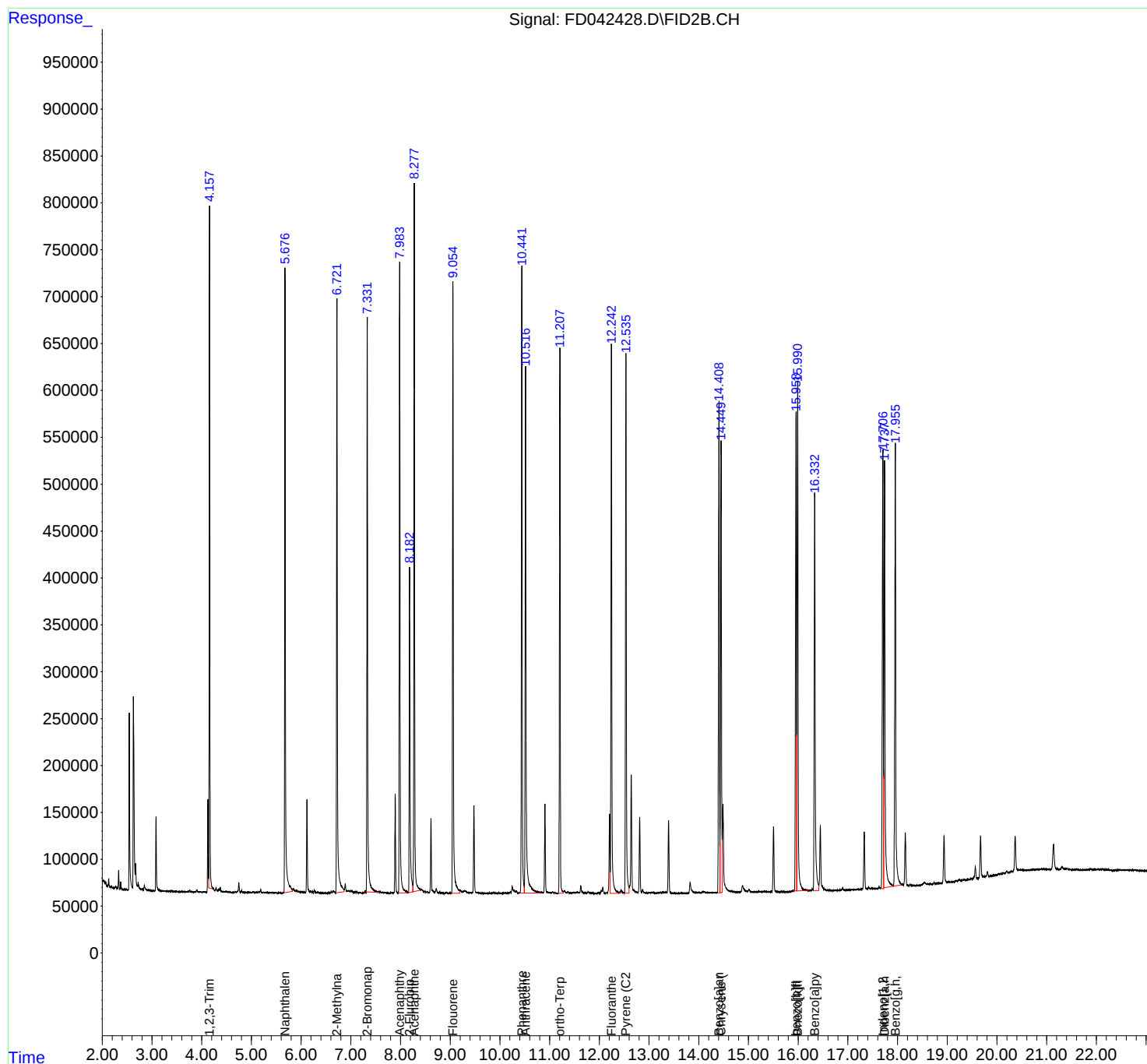
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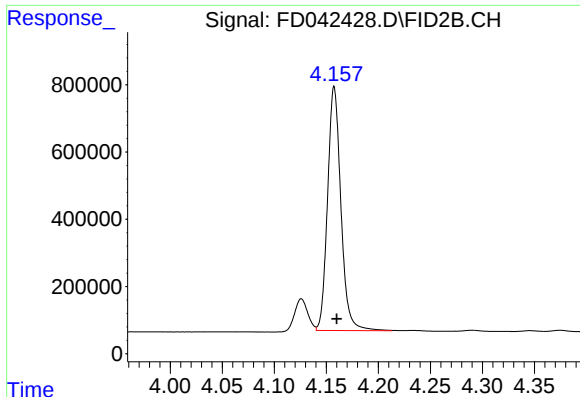
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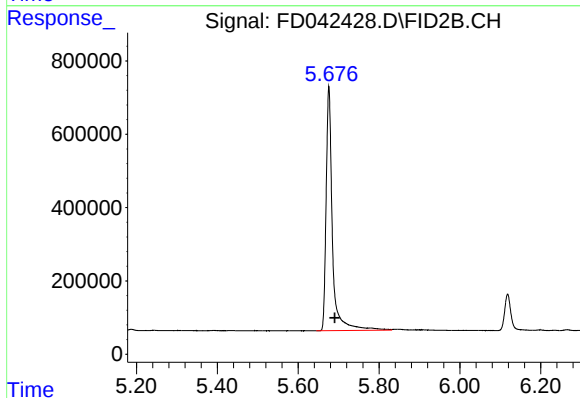
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.157 min
Delta R.T.: -0.003 min
Response: 6477531
Conc: 41.61 ug/ml

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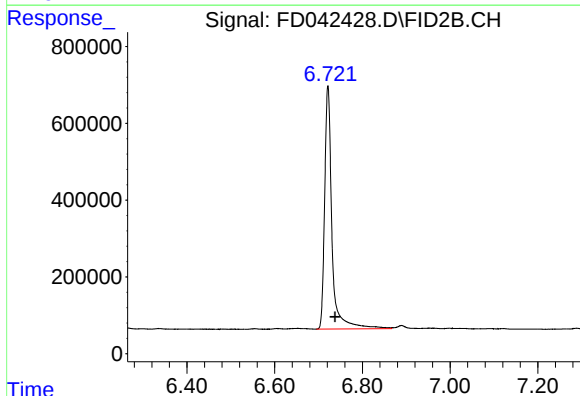
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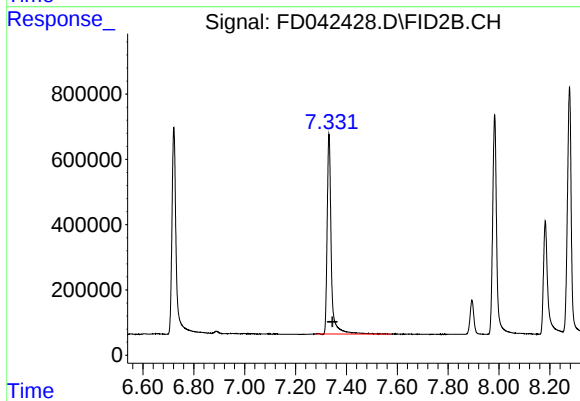
#2 Naphthalene (C11.7)

R.T.: 5.676 min
Delta R.T.: -0.014 min
Response: 7245064
Conc: 45.93 ug/ml



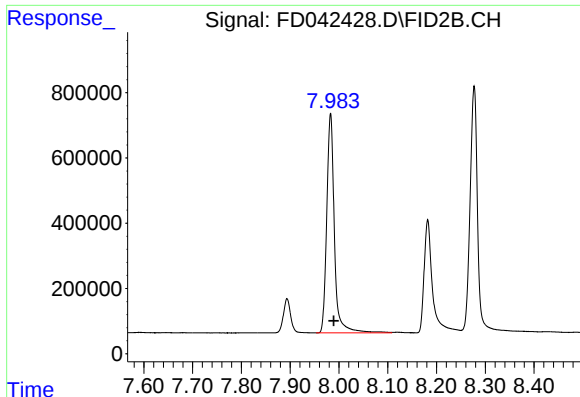
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.722 min
Delta R.T.: -0.016 min
Response: 7367752
Conc: 50.95 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.332 min
Delta R.T.: -0.013 min
Response: 6843196
Conc: 48.82 ug/ml



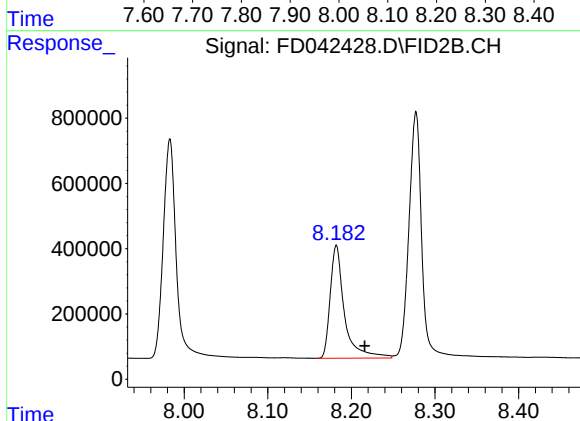
#5 Acenaphthylene (C15.06)

R.T.: 7.983 min
Delta R.T.: -0.007 min
Response: 7360097
Conc: 44.66 ug/ml

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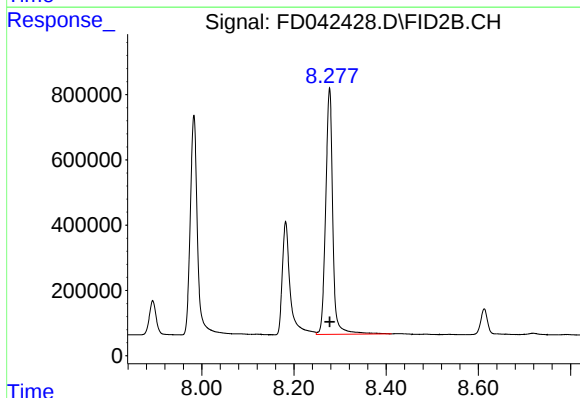
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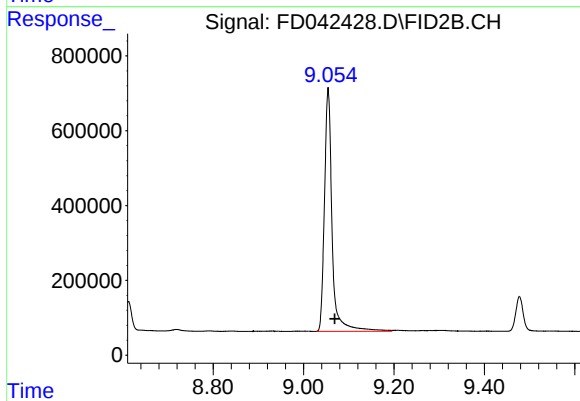
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.182 min
Delta R.T.: -0.034 min
Response: 4091651
Conc: 57.42 ug/ml



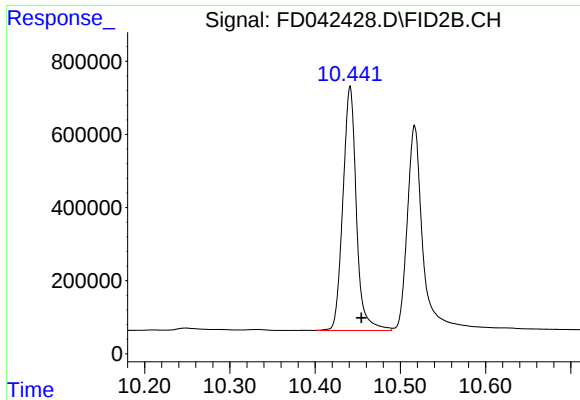
#7 Acenaphthene (C15.5)

R.T.: 8.277 min
Delta R.T.: 0.000 min
Response: 8062347
Conc: 42.94 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.054 min
Delta R.T.: -0.015 min
Response: 7649840
Conc: 50.22 ug/ml



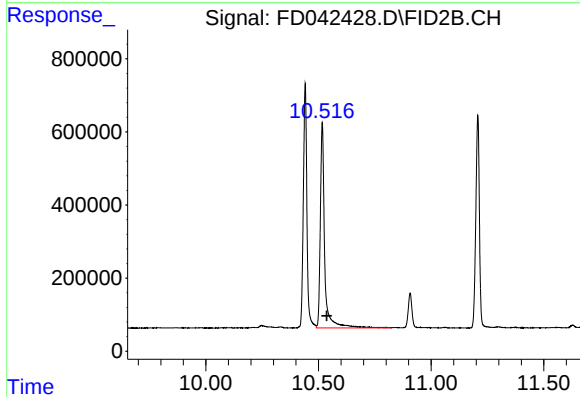
#9 Phenanthrene (C19.36)

R.T.: 10.441 min
Delta R.T.: -0.013 min
Response: 7339545
Conc: 49.43 ug/ml

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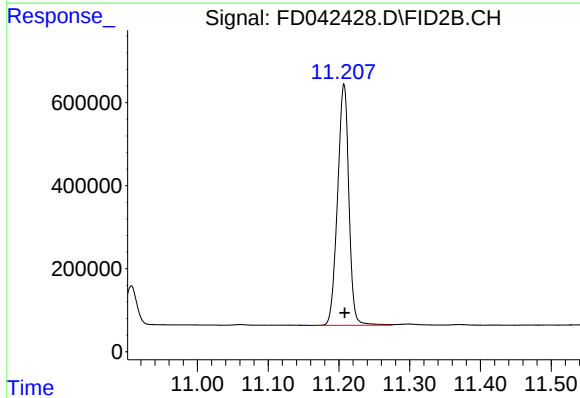
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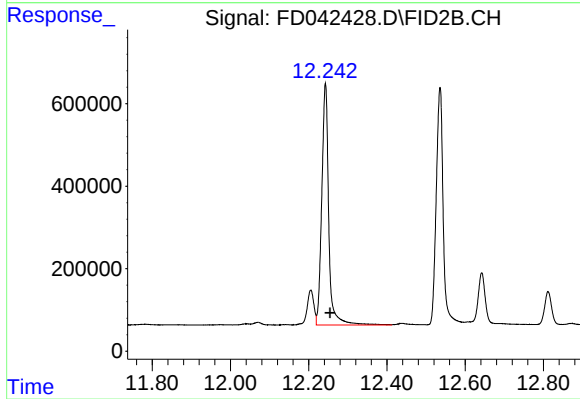
#10 Anthracene (C19.43)

R.T.: 10.517 min
Delta R.T.: -0.020 min
Response: 7555170
Conc: 45.13 ug/ml



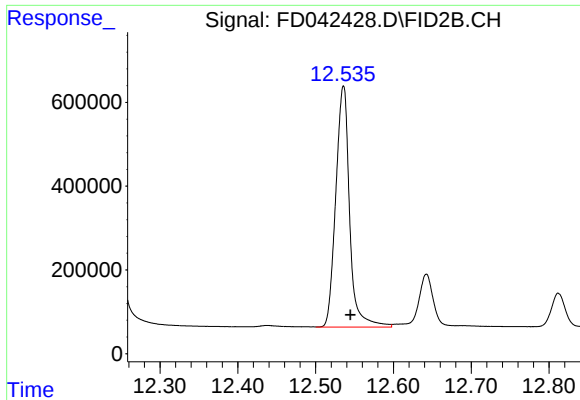
#11 ortho-Terphenyl (SURR)

R.T.: 11.207 min
Delta R.T.: 0.000 min
Response: 6452996
Conc: 37.23 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.243 min
Delta R.T.: -0.012 min
Response: 7239866
Conc: 46.16 ug/ml



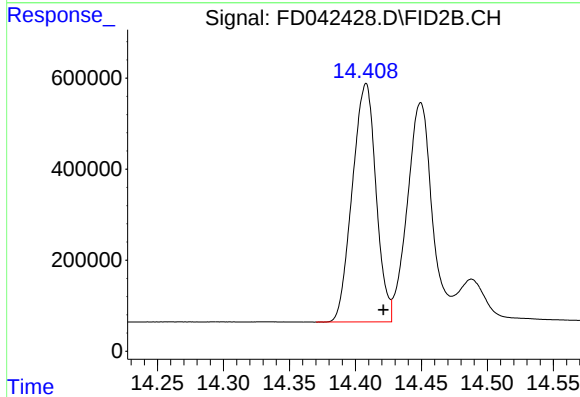
#13 Pyrene (C20.8)

R.T.: 12.535 min
Delta R.T.: -0.009 min
Response: 7110910
Conc: 43.60 ug/ml

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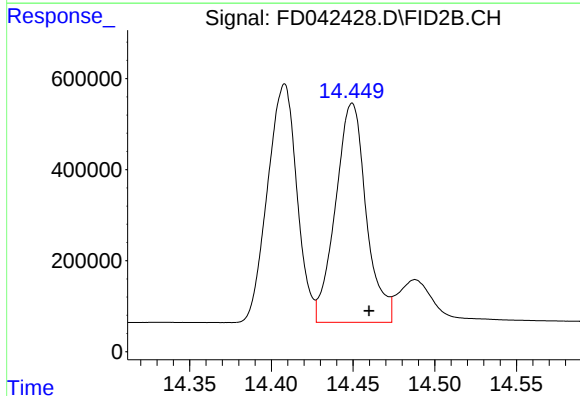
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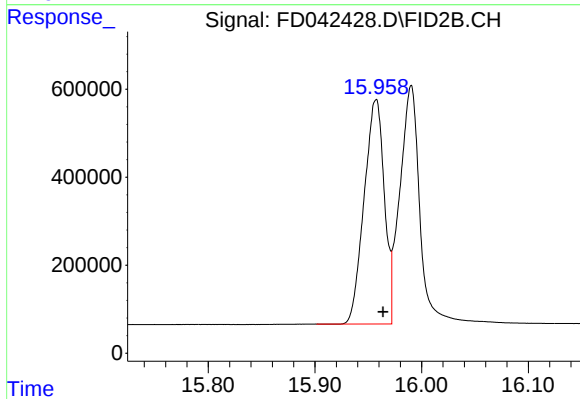
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.408 min
Delta R.T.: -0.014 min
Response: 6549441
Conc: 54.75 ug/ml



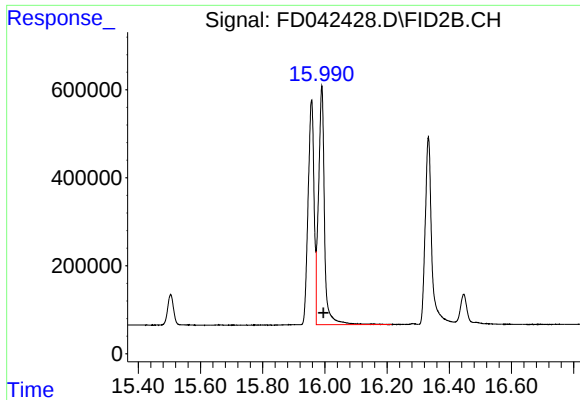
#15 Chrysene (C27.41)

R.T.: 14.449 min
Delta R.T.: -0.010 min
Response: 6302438
Conc: 34.35 ug/ml



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

R.T.: 15.957 min
Delta R.T.: -0.007 min
Response: 6726212
Conc: 51.23 ug/ml



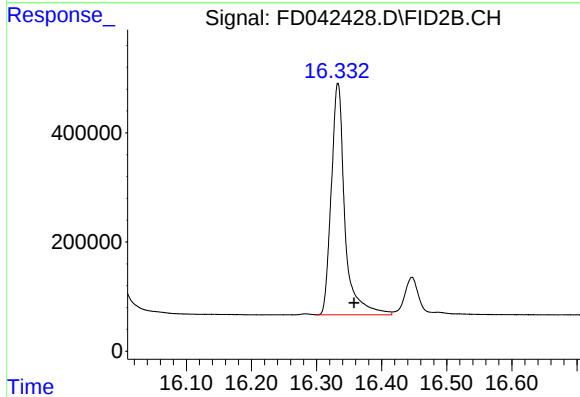
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.990 min
Delta R.T.: -0.005 min
Response: 7213914
Conc: 41.73 ug/ml

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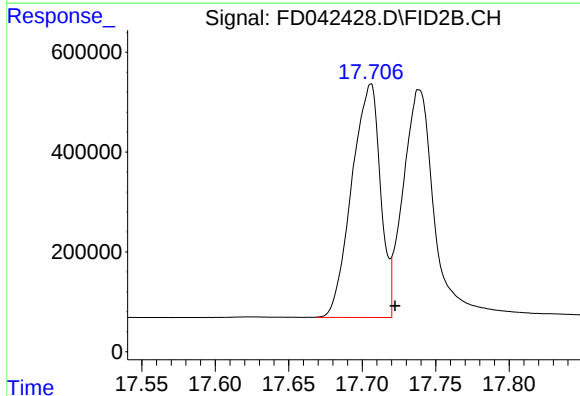
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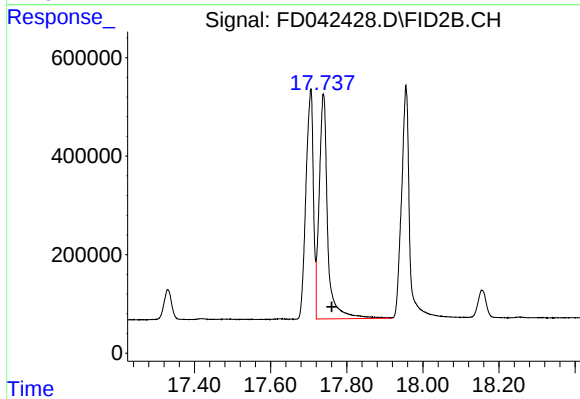
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.333 min
Delta R.T.: -0.025 min
Response: 6173692
Conc: 41.84 ug/ml



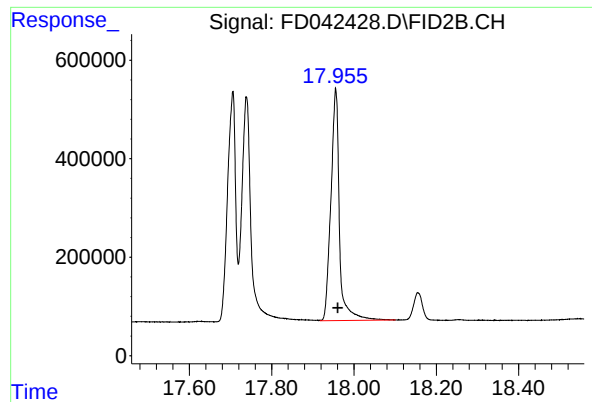
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.706 min
Delta R.T.: -0.016 min
Response: 6394973
Conc: 64.07 ug/ml m



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

R.T.: 17.739 min
Delta R.T.: -0.022 min
Response: 7061145
Conc: 44.99 ug/ml



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

R.T.: 17.955 min
Delta R.T.: -0.005 min
Response: 6796814
Conc: 49.08 ug/ml

Instrument :

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