

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042222AR\
 Data File : FD042048.D
 Signal(s) : FID2B.CH
 Acq On : 22 Apr 2022 19:55
 Operator : UA/NP
 Sample : N2428-01MS
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

S-1MS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 04/25/2022

Supervised By :mohammad ahmed 04/25/2022

Integration File: sample.E

Quant Time: Apr 23 00:02:05 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	7183406	51.249 ug/ml
Spiked Amount 50.000		Recovery =	102.50%
6) S 2-Fluorobiphenyl (SURR)	8.180	4381604	61.494 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	122.99%
11) S ortho-Terphenyl (SURR)	11.208	6863172	39.596 ug/ml
Spiked Amount 50.000		Recovery =	79.19%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.154	5576634	35.821 ug/mlm
2) T Naphthalene (C11.7)	5.674	6502483	41.220 ug/ml
3) T 2-Methylnaphthalene (...)	6.719	6607715	45.695 ug/ml
5) T Acenaphthylene (C15.06)	7.981	6742737	40.914 ug/ml
7) T Acenaphthene (C15.5)	8.275	7433821	39.595 ug/ml
8) T Flouorene (C16.55)	9.052	7247539	47.582 ug/ml
9) T Phenanthrene (C19.36)	10.440	7396708	49.814 ug/ml
10) T Anthracene (C19.43)	10.515	7535976	45.015 ug/ml
12) T Fluoranthene (C21.85)	12.242	7642834	48.724 ug/ml
13) T Pyrene (C20.8)	12.534	7494135	45.947 ug/ml
14) T Benzo[a]anthracene (C...	14.405	6939383	58.013 ug/ml
15) T Chrysene (C27.41)	14.447	6843264	37.301 ug/ml
16) T benzo[b]fluoranthene ...	15.952	6847502	52.152 ug/ml
17) T Bnezo[k]fluoranthene ...	15.986	7232779	41.836 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.326	6173323	41.840 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.693	6329872	63.418 ug/mlm
20) T Dibenz[a,h]anthracene...	17.730	6730957	42.884 ug/ml
21) T Benzo[g,h,i]perylene ...	17.945	6574311	47.471 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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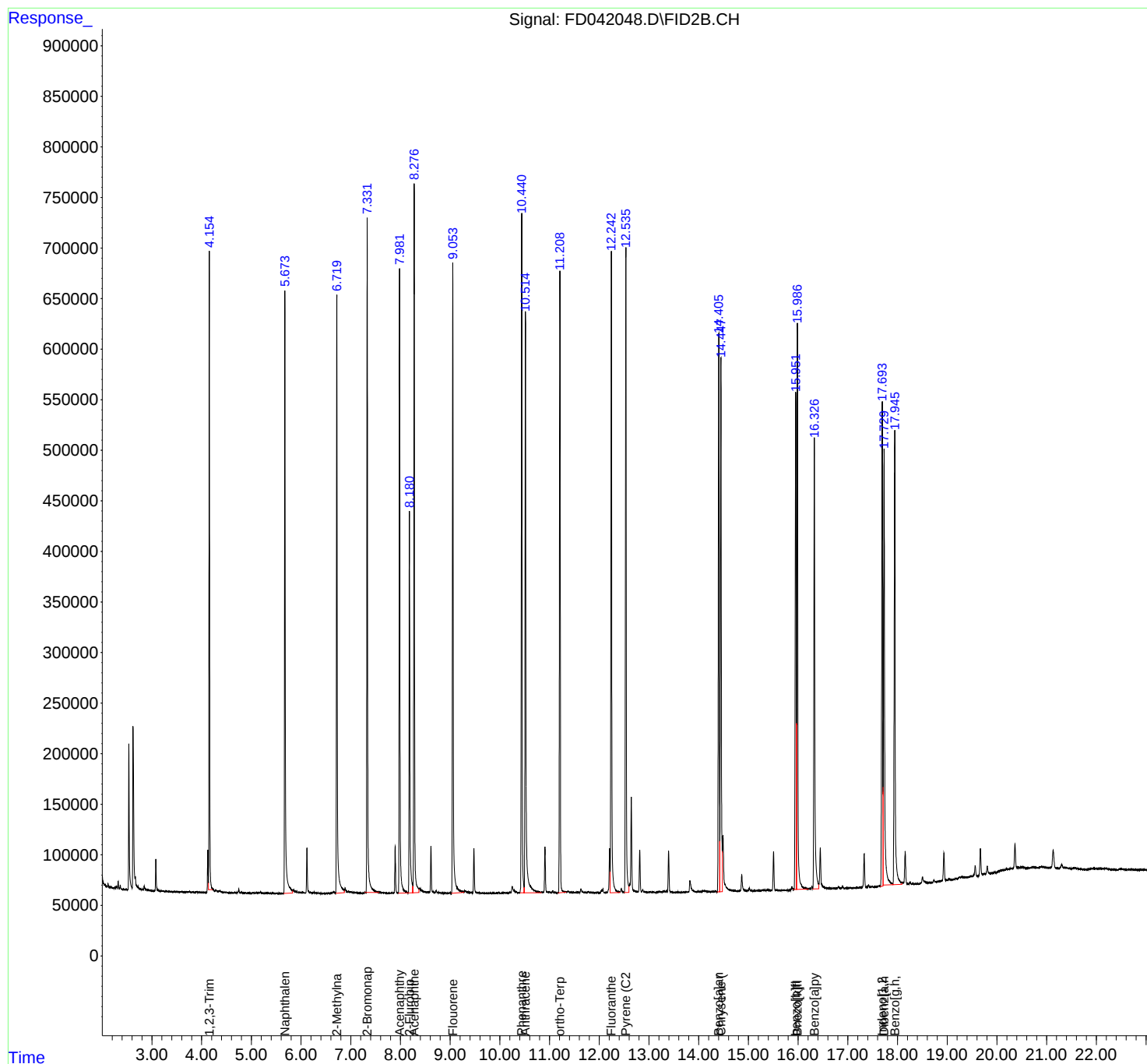
Instrument :
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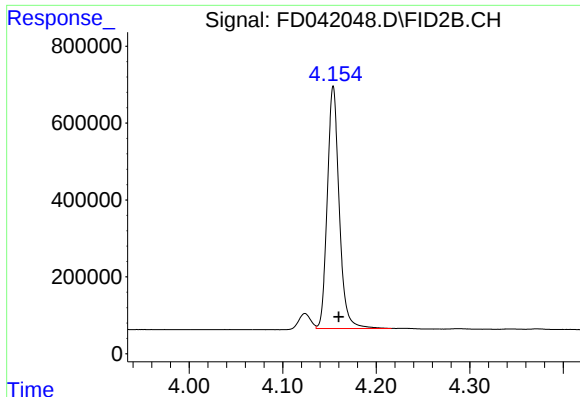
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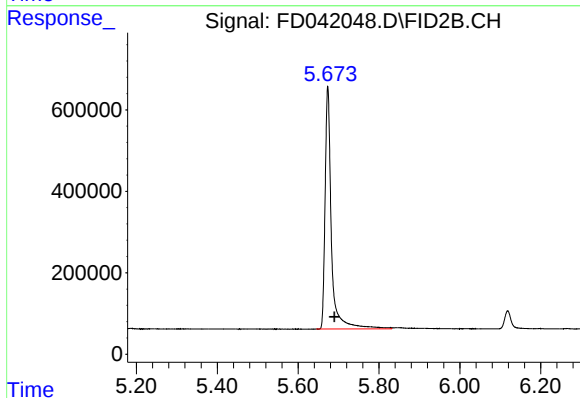
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.154 min
Delta R.T.: -0.006 min
Response: 5576634
Conc: 35.82 ug/ml

Instrument :
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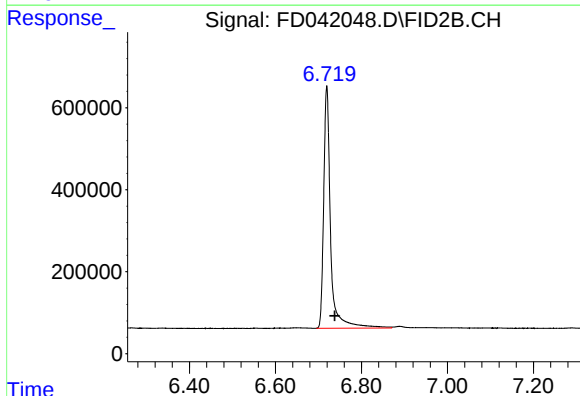
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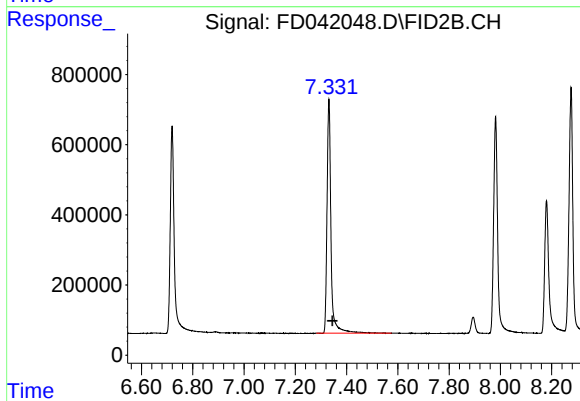
#2 Naphthalene (C11.7)

R.T.: 5.674 min
Delta R.T.: -0.017 min
Response: 6502483
Conc: 41.22 ug/ml



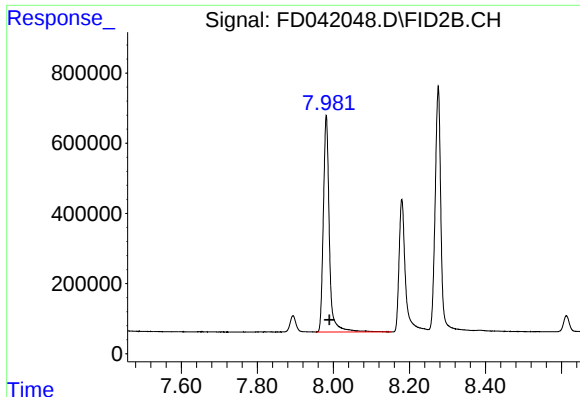
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.719 min
Delta R.T.: -0.018 min
Response: 6607715
Conc: 45.69 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.331 min
Delta R.T.: -0.014 min
Response: 7183406
Conc: 51.25 ug/ml



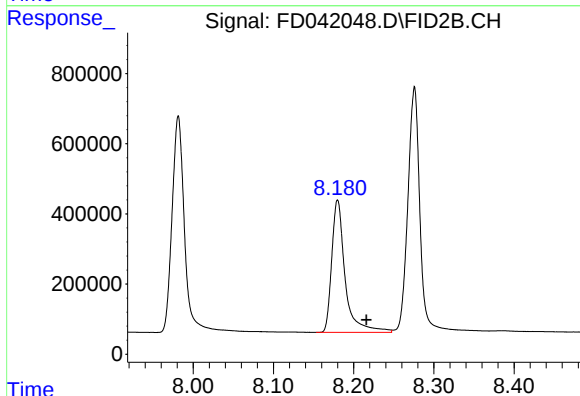
#5 Acenaphthylene (C15.06)

R.T.: 7.981 min
Delta R.T.: -0.008 min
Response: 6742737
Conc: 40.91 ug/ml

Instrument :
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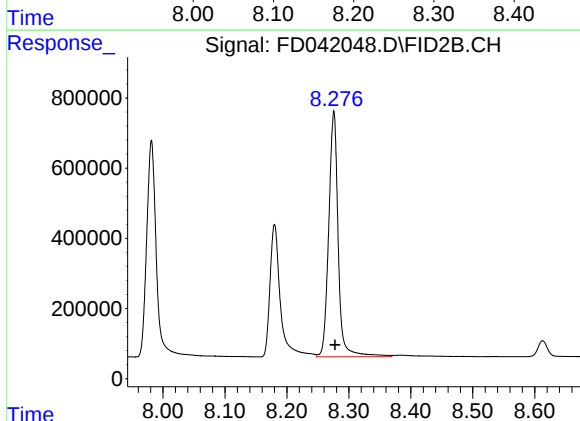
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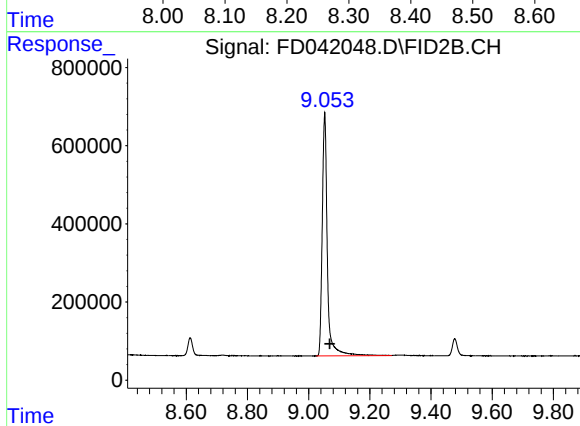
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.180 min
Delta R.T.: -0.036 min
Response: 4381604
Conc: 61.49 ug/ml



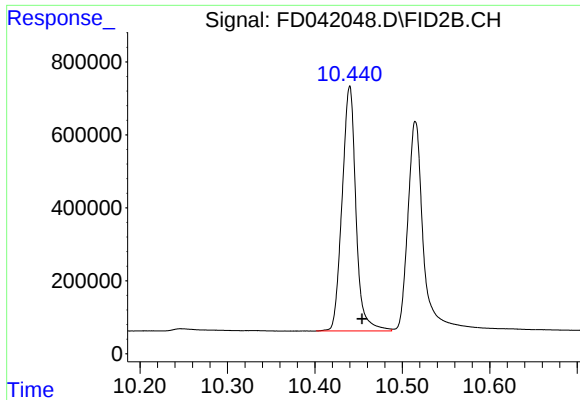
#7 Acenaphthene (C15.5)

R.T.: 8.275 min
Delta R.T.: -0.002 min
Response: 7433821
Conc: 39.60 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.052 min
Delta R.T.: -0.017 min
Response: 7247539
Conc: 47.58 ug/ml



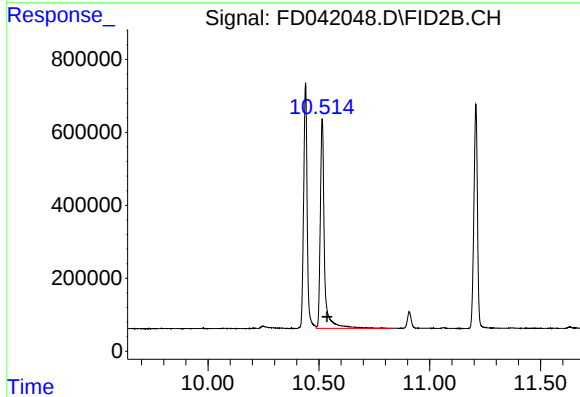
#9 Phenanthrene (C19.36)

R.T.: 10.440 min
Delta R.T.: -0.014 min
Response: 7396708
Conc: 49.81 ug/ml

Instrument :
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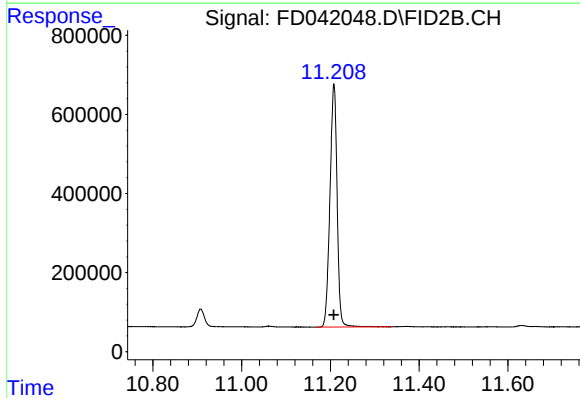
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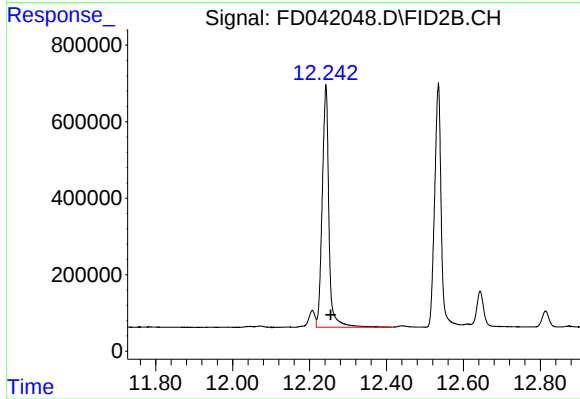
#10 Anthracene (C19.43)

R.T.: 10.515 min
Delta R.T.: -0.022 min
Response: 7535976
Conc: 45.02 ug/ml



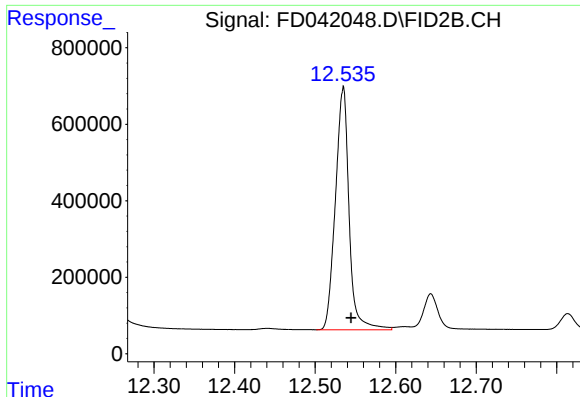
#11 ortho-Terphenyl (SURRE)

R.T.: 11.208 min
Delta R.T.: 0.000 min
Response: 6863172
Conc: 39.60 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.242 min
Delta R.T.: -0.013 min
Response: 7642834
Conc: 48.72 ug/ml



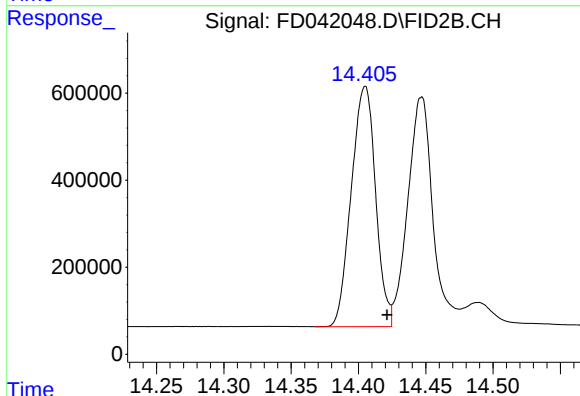
#13 Pyrene (C20.8)

R.T.: 12.534 min
Delta R.T.: -0.010 min
Response: 7494135
Conc: 45.95 ug/ml

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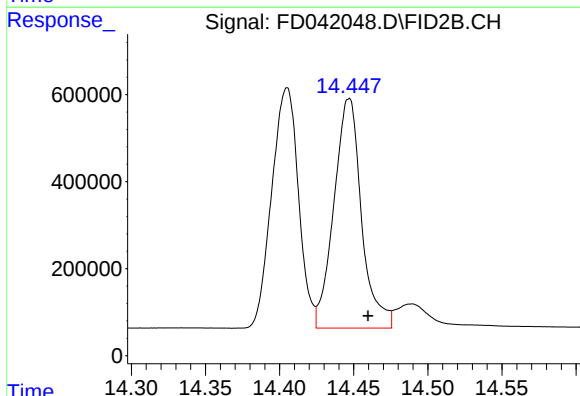
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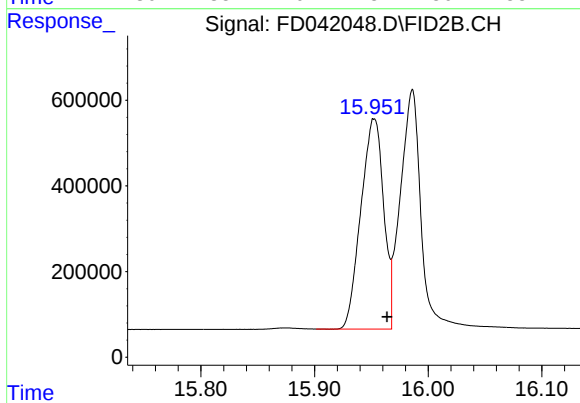
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.405 min
Delta R.T.: -0.017 min
Response: 6939383
Conc: 58.01 ug/ml



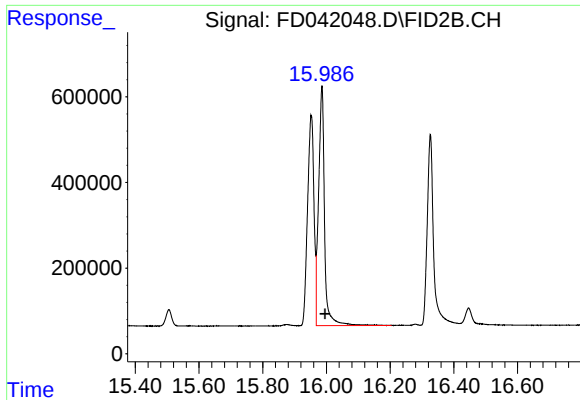
#15 Chrysene (C27.41)

R.T.: 14.447 min
Delta R.T.: -0.013 min
Response: 6843264
Conc: 37.30 ug/ml



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

R.T.: 15.952 min
Delta R.T.: -0.012 min
Response: 6847502
Conc: 52.15 ug/ml



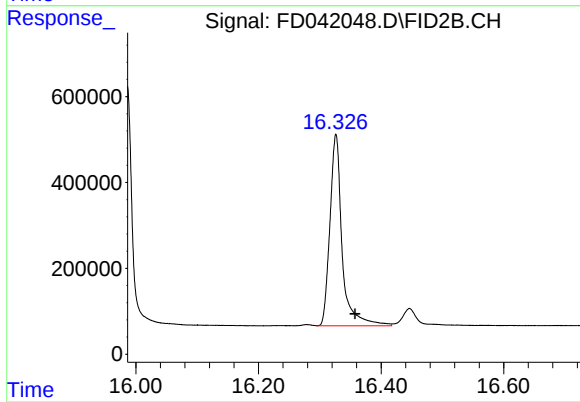
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 15.986 min
Delta R.T.: -0.010 min
Response: 7232779
Conc: 41.84 ug/ml

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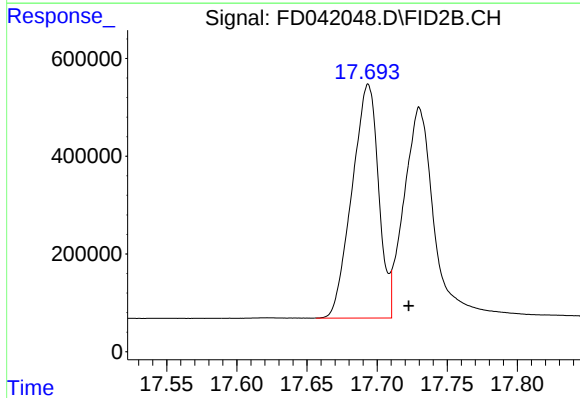
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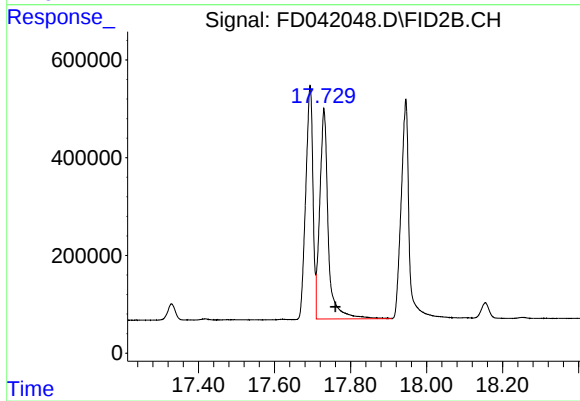
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.326 min
Delta R.T.: -0.031 min
Response: 6173323
Conc: 41.84 ug/ml



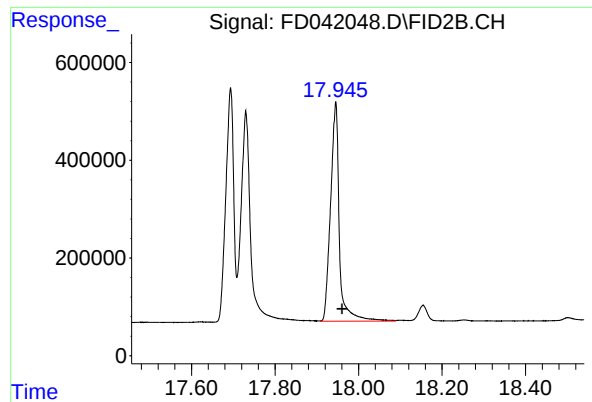
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.693 min
Delta R.T.: -0.029 min
Response: 6329872
Conc: 63.42 ug/ml m



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

R.T.: 17.730 min
Delta R.T.: -0.030 min
Response: 6730957
Conc: 42.88 ug/ml



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

R.T.: 17.945 min
Delta R.T.: -0.016 min
Response: 6574311
Conc: 47.47 ug/ml

Instrument :

FID_D

ClientSampleId :

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