

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050422AR\
 Data File : FD042291.D
 Signal(s) : FID2B.CH
 Acq On : 04 May 2022 17:23
 Operator : UA/NP
 Sample : PB144566BS
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB144566BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/05/2022
 Supervised By :mohammad ahmed 05/06/2022

Integration File: autoint1.e
 Quant Time: May 05 01:57:08 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...	7.346	6297447	44.928 ug/ml
Spiked Amount 50.000		Recovery =	89.86%
6) S 2-Fluorobiphenyl (SURR)	8.196	3869844	54.312 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	108.62%
11) S ortho-Terphenyl (SURR)	11.224	6199486	35.767 ug/ml
Spiked Amount 50.000		Recovery =	71.53%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.168	4721196	30.326 ug/mlm
2) T Naphthalene (C11.7)	5.689	5340428	33.854 ug/ml
3) T 2-Methylnaphthalene (...)	6.734	5215760	36.069 ug/ml
5) T Acenaphthylene (C15.06)	7.997	5349427	32.460 ug/ml
7) T Acenaphthene (C15.5)	8.291	6039630	32.169 ug/ml
8) T Flouorene (C16.55)	9.069	5791490	38.023 ug/ml
9) T Phenanthrene (C19.36)	10.456	5805976	39.101 ug/ml
10) T Anthracene (C19.43)	10.531	6130204	36.618 ug/ml
12) T Fluoranthene (C21.85)	12.259	5922522	37.757 ug/ml
13) T Pyrene (C20.8)	12.552	5831734	35.754 ug/ml
14) T Benzo[a]anthracene (C...	14.424	5351859	44.741 ug/ml
15) T Chrysene (C27.41)	14.466	5411017	29.494 ug/ml
16) T benzo[b]fluoranthene ...	15.974	5404091	41.159 ug/ml
17) T Bnezo[k]fluoranthene ...	16.007	5988563	34.639 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.350	5037690	34.144 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.720	5071332	50.809 ug/ml
20) T Dibenz[a,h]anthracene...	17.756	5775016	36.794 ug/ml
21) T Benzo[g,h,i]perylene ...	17.971	5474156	39.527 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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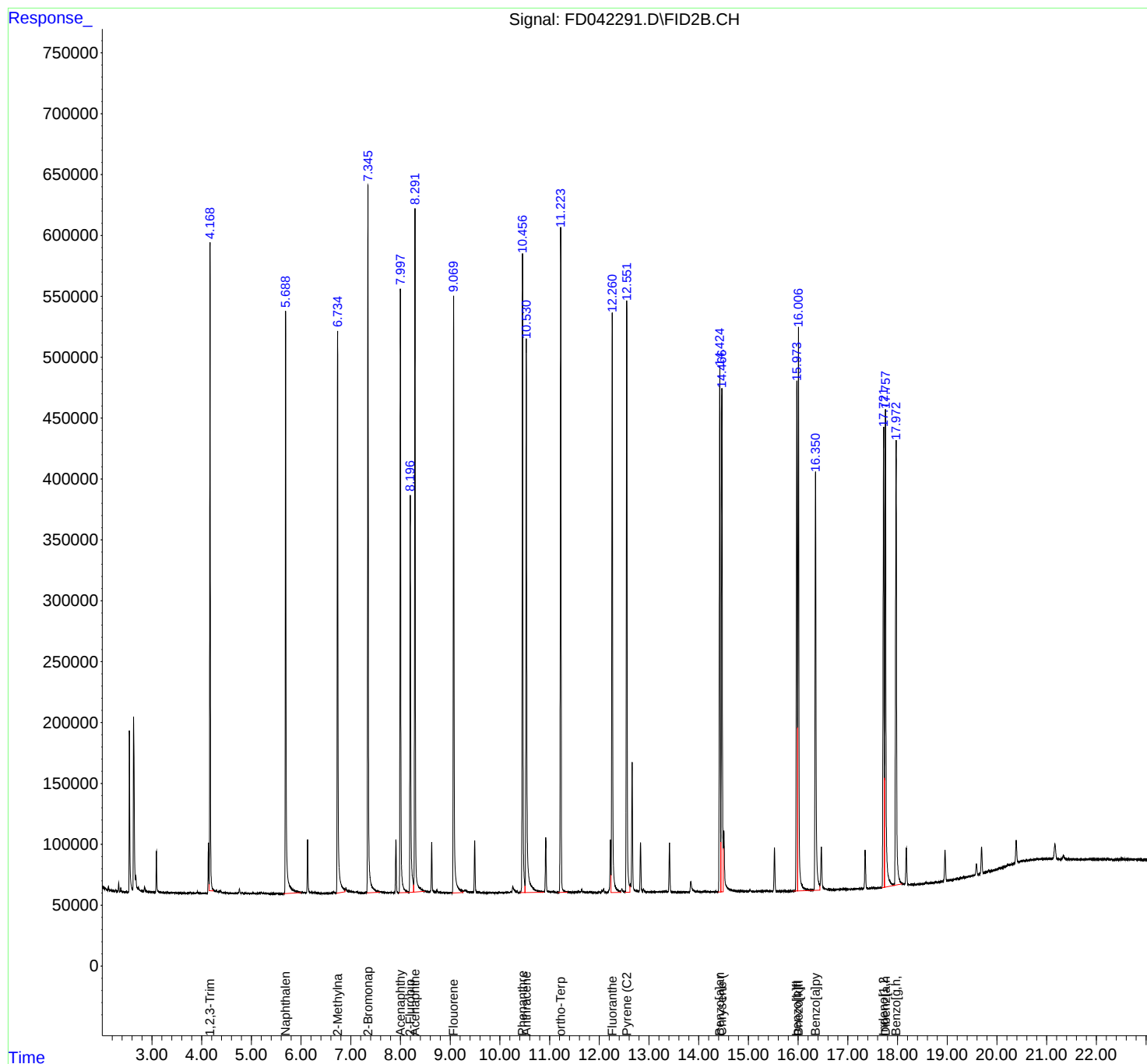
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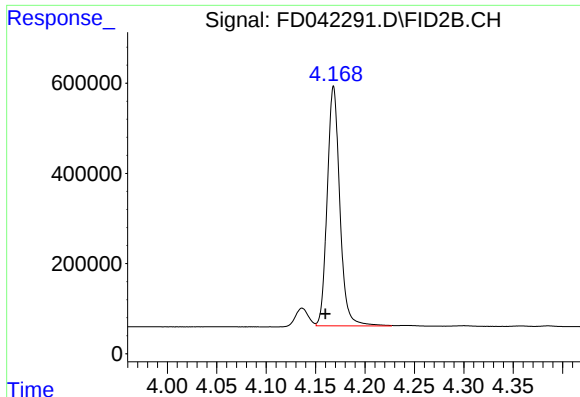
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.168 min
Delta R.T.: 0.008 min
Response: 4721196
Conc: 30.33 ug/ml

Instrument :

FID_D

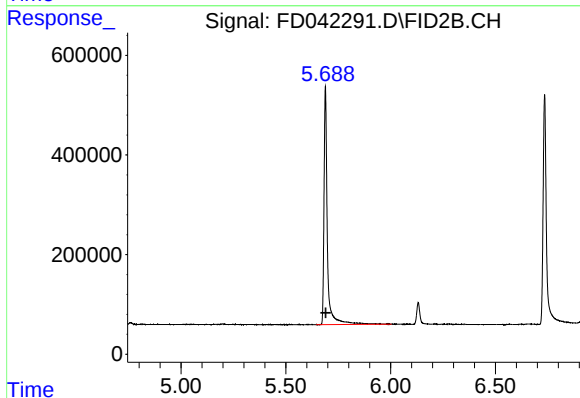
ClientSampleId :

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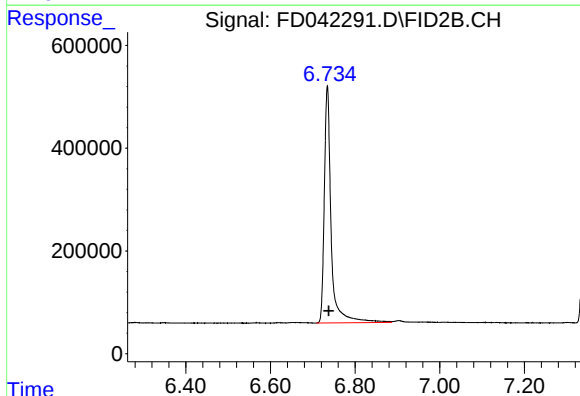
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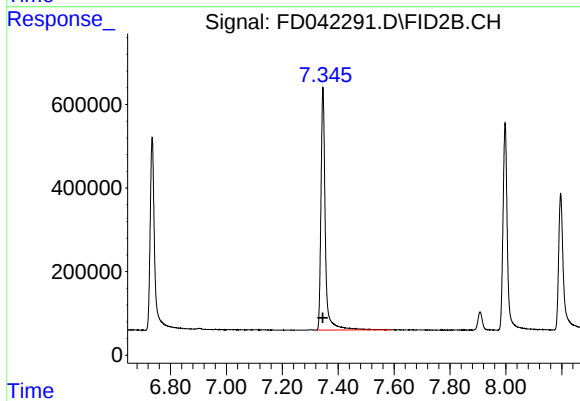
#2 Naphthalene (C11.7)

R.T.: 5.689 min
Delta R.T.: -0.002 min
Response: 5340428
Conc: 33.85 ug/ml



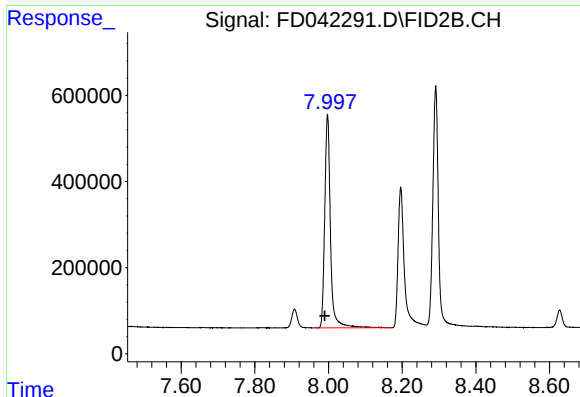
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.734 min
Delta R.T.: -0.003 min
Response: 5215760
Conc: 36.07 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.346 min
Delta R.T.: 0.000 min
Response: 6297447
Conc: 44.93 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 7.997 min
Delta R.T.: 0.008 min
Response: 5349427
Conc: 32.46 ug/ml

Instrument :

FID_D

ClientSampleId :

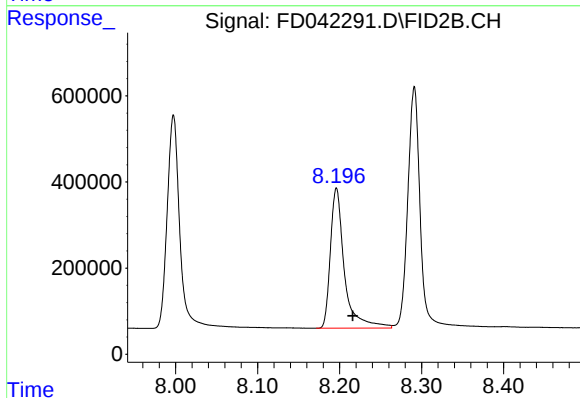
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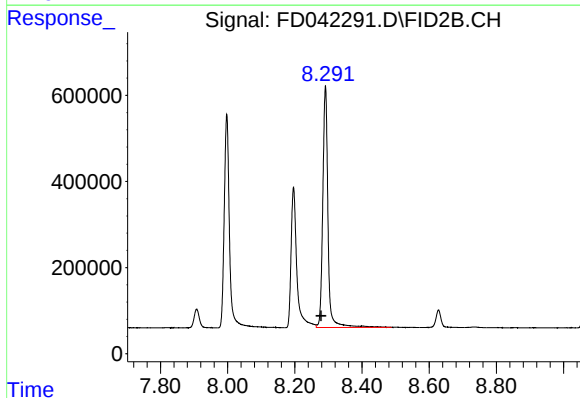
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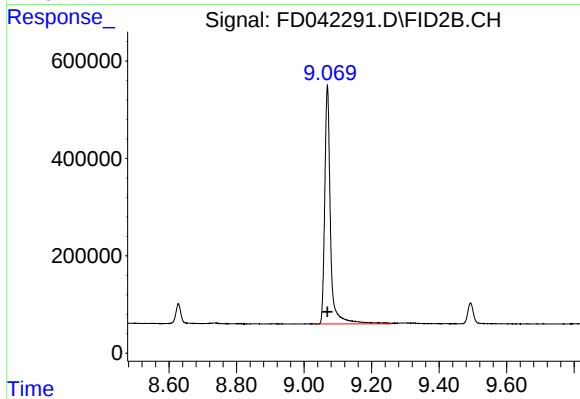
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.196 min
Delta R.T.: -0.020 min
Response: 3869844
Conc: 54.31 ug/ml



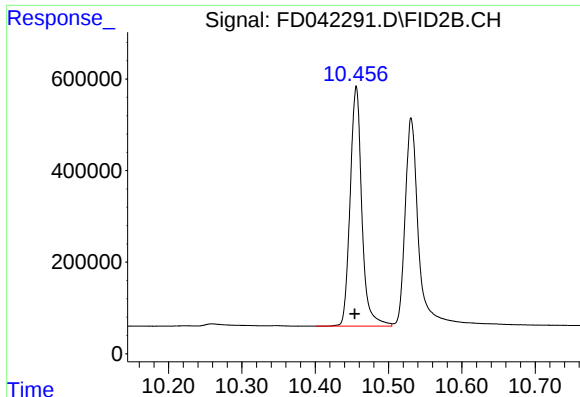
#7 Acenaphthene (C15.5)

R.T.: 8.291 min
Delta R.T.: 0.013 min
Response: 6039630
Conc: 32.17 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.069 min
Delta R.T.: 0.000 min
Response: 5791490
Conc: 38.02 ug/ml



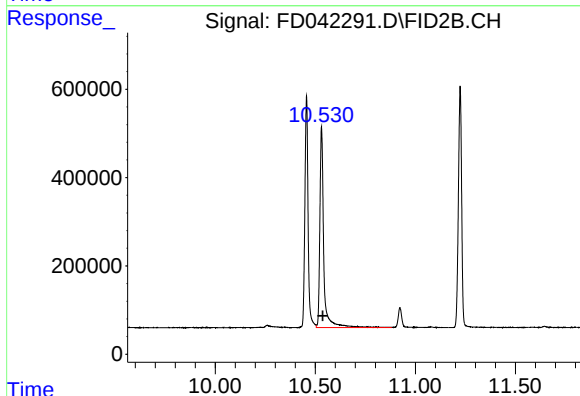
#9 Phenanthrene (C19.36)

R.T.: 10.456 min
Delta R.T.: 0.002 min
Response: 5805976
Conc: 39.10 ug/ml

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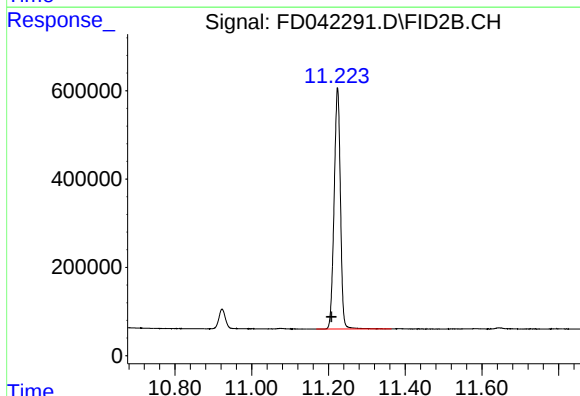
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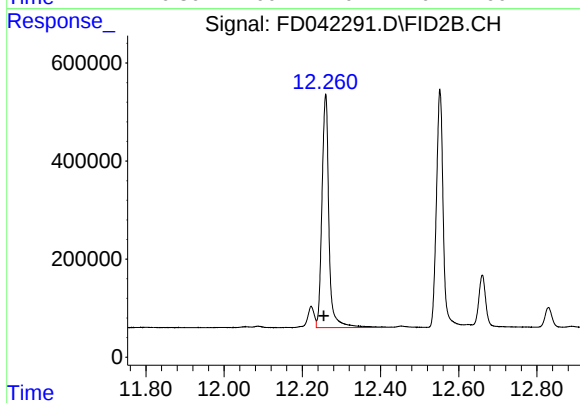
#10 Anthracene (C19.43)

R.T.: 10.531 min
Delta R.T.: -0.006 min
Response: 6130204
Conc: 36.62 ug/ml



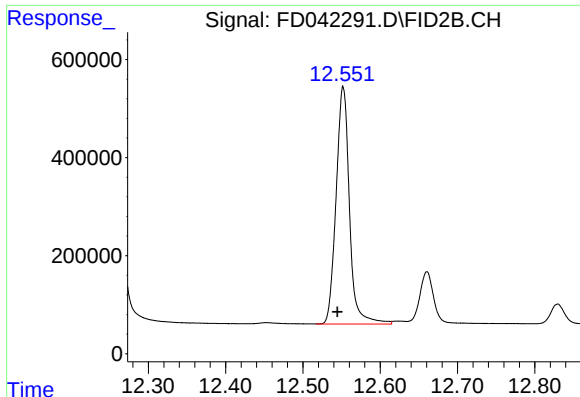
#11 ortho-Terphenyl (SURR)

R.T.: 11.224 min
Delta R.T.: 0.016 min
Response: 6199486
Conc: 35.77 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.259 min
Delta R.T.: 0.005 min
Response: 5922522
Conc: 37.76 ug/ml



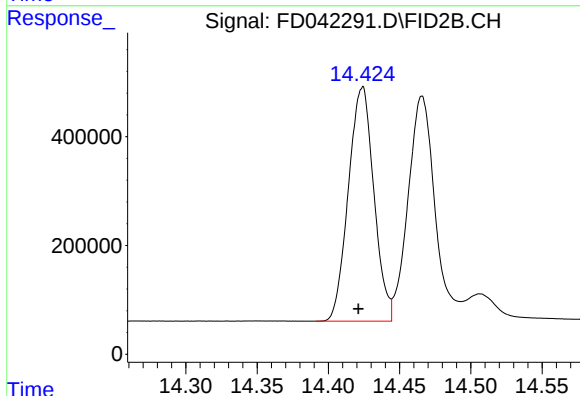
#13 Pyrene (C20.8)

R.T.: 12.552 min
Delta R.T.: 0.007 min
Response: 5831734
Conc: 35.75 ug/ml

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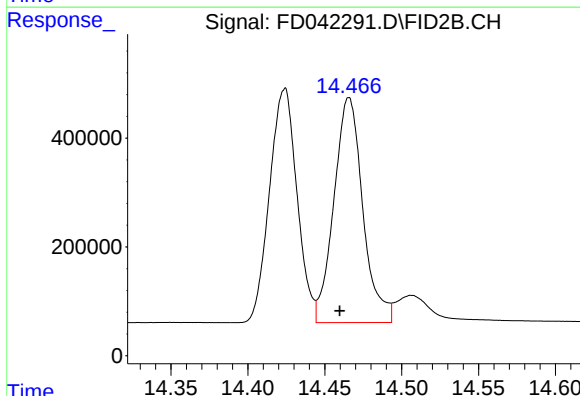
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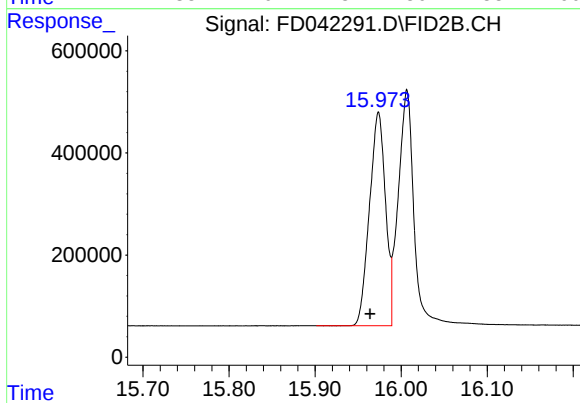
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.424 min
Delta R.T.: 0.002 min
Response: 5351859
Conc: 44.74 ug/ml



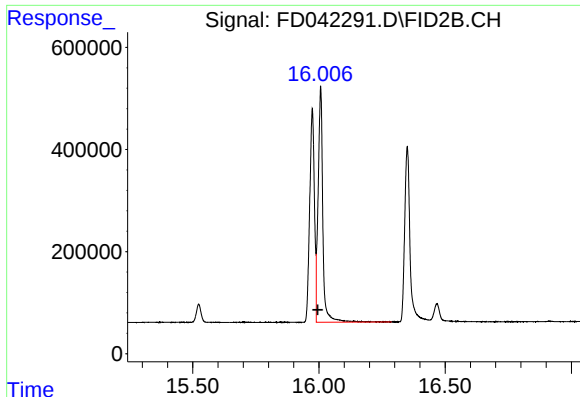
#15 Chrysene (C27.41)

R.T.: 14.466 min
Delta R.T.: 0.006 min
Response: 5411017
Conc: 29.49 ug/ml



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

R.T.: 15.974 min
Delta R.T.: 0.010 min
Response: 5404091
Conc: 41.16 ug/ml



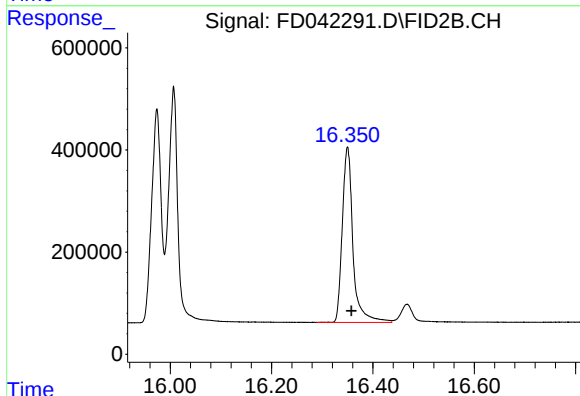
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.007 min
Delta R.T.: 0.011 min
Response: 5988563
Conc: 34.64 ug/ml

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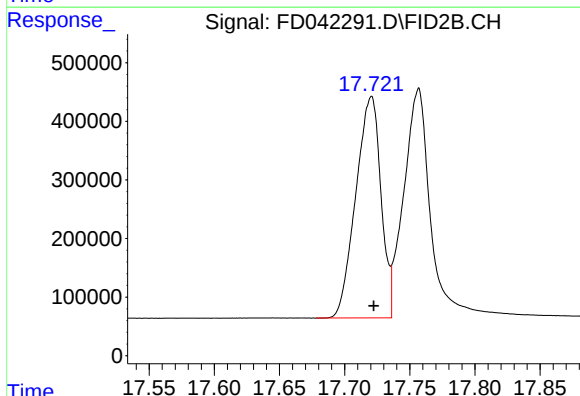
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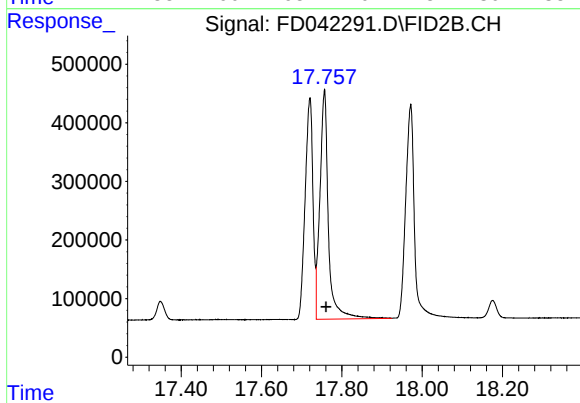
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.350 min
Delta R.T.: -0.008 min
Response: 5037690
Conc: 34.14 ug/ml



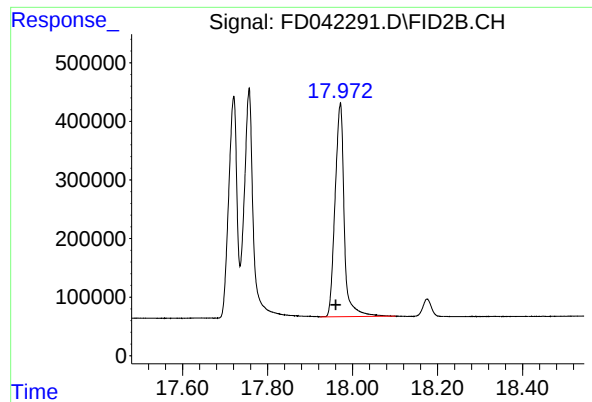
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.720 min
Delta R.T.: -0.002 min
Response: 5071332
Conc: 50.81 ug/ml



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

R.T.: 17.756 min
Delta R.T.: -0.004 min
Response: 5775016
Conc: 36.79 ug/ml



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

R.T.: 17.971 min
Delta R.T.: 0.010 min
Response: 5474156
Conc: 39.53 ug/ml

Instrument :

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