

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050222AR\
 Data File : FD042228.D
 Signal(s) : FID2B.CH
 Acq On : 02 May 2022 14:26
 Operator : UA/NP
 Sample : PB144492BSD
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB144492BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/03/2022
 Supervised By :mohammad ahmed 05/04/2022

Integration File: autoint1.e
 Quant Time: May 02 20:13:16 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...	7.347	6709882	47.870 ug/ml
Spiked Amount 50.000		Recovery =	95.74%
6) S 2-Fluorobiphenyl (SURR)	8.197	4223923	59.281 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	118.56%
11) S ortho-Terphenyl (SURR)	11.224	6796803	39.213 ug/ml
Spiked Amount 50.000		Recovery =	78.43%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.171	5785478	37.163 ug/mlm
2) T Naphthalene (C11.7)	5.690	6369079	40.375 ug/ml
3) T 2-Methylnaphthalene (...)	6.736	6363609	44.007 ug/ml
5) T Acenaphthylene (C15.06)	7.999	6432462	39.031 ug/ml
7) T Acenaphthene (C15.5)	8.293	7193667	38.316 ug/ml
8) T Flouorene (C16.55)	9.070	6959628	45.692 ug/ml
9) T Phenanthrene (C19.36)	10.457	7066698	47.591 ug/ml
10) T Anthracene (C19.43)	10.532	7331923	43.796 ug/ml
12) T Fluoranthene (C21.85)	12.260	7322810	46.684 ug/ml
13) T Pyrene (C20.8)	12.553	7214623	44.233 ug/ml
14) T Benzo[a]anthracene (C...	14.423	6679838	55.843 ug/ml
15) T Chrysene (C27.41)	14.466	6650825	36.252 ug/ml
16) T benzo[b]fluoranthene ...	15.972	6700937	51.036 ug/ml
17) T Bnezo[k]fluoranthene ...	16.006	7050118	40.779 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.348	6185552	41.923 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.718	6476305	64.885 ug/ml
20) T Dibenz[a,h]anthracene...	17.754	6883820	43.858 ug/ml
21) T Benzo[g,h,i]perylene ...	17.971	6728552	48.585 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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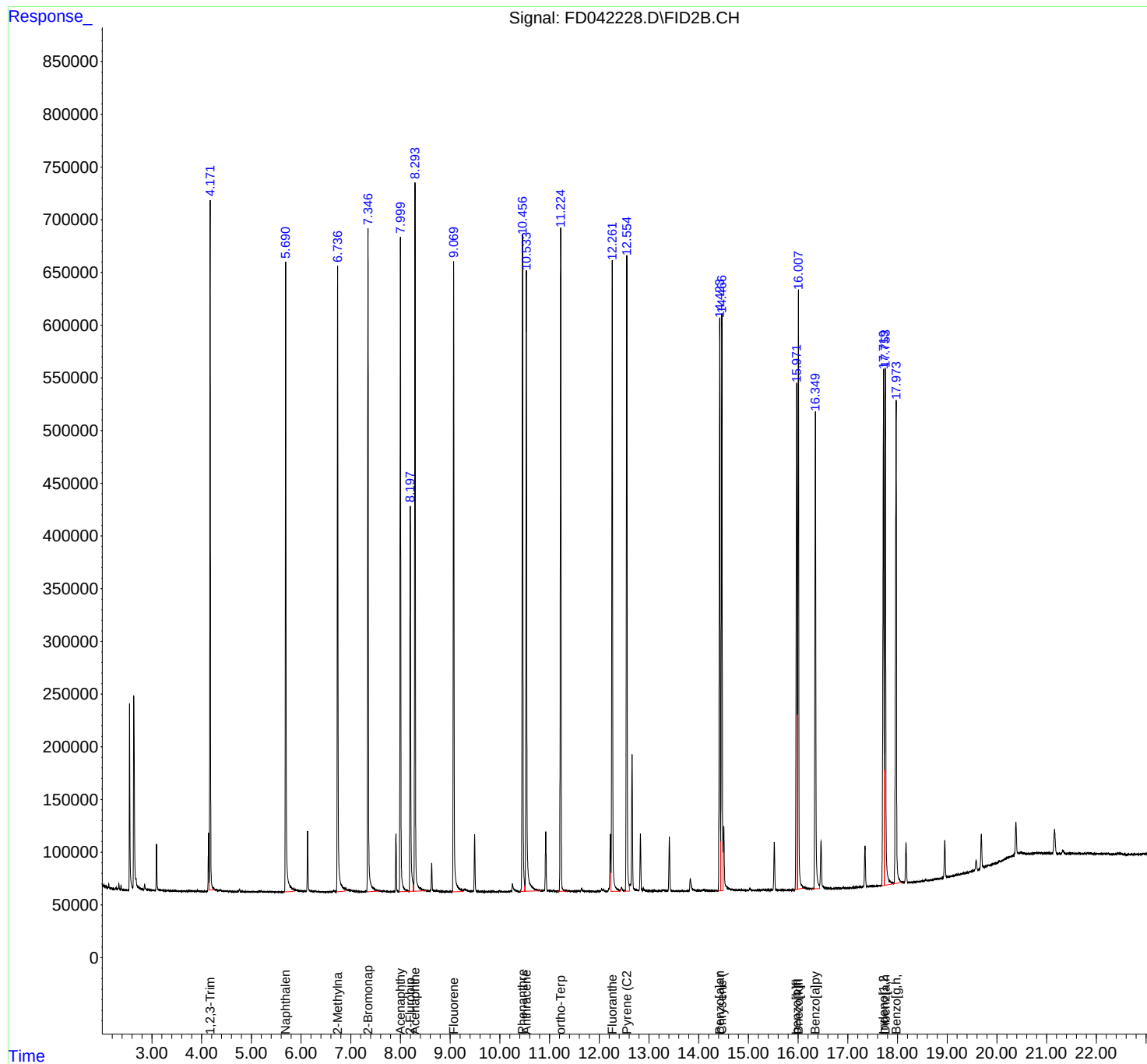
Instrument :
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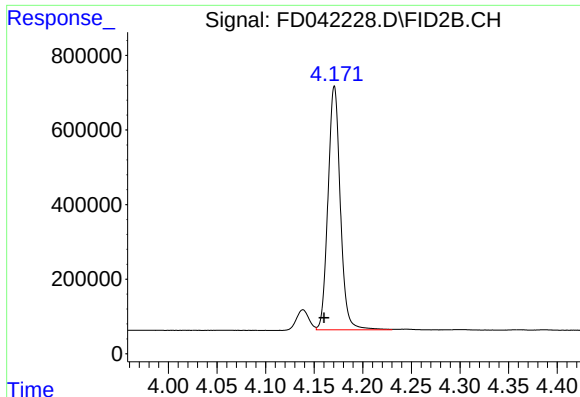
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.171 min
Delta R.T.: 0.011 min
Response: 5785478
Conc: 37.16 ug/ml

Instrument :

FID_D

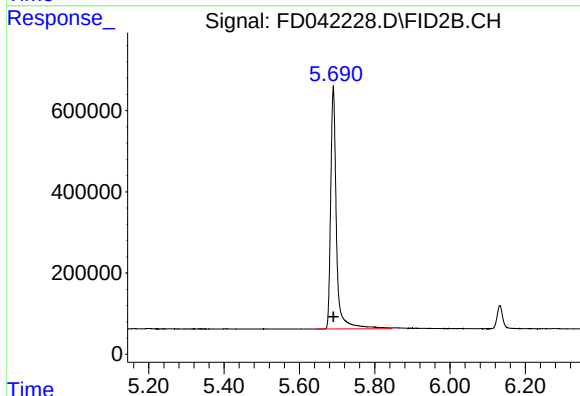
ClientSampleId :

PB144492BSD

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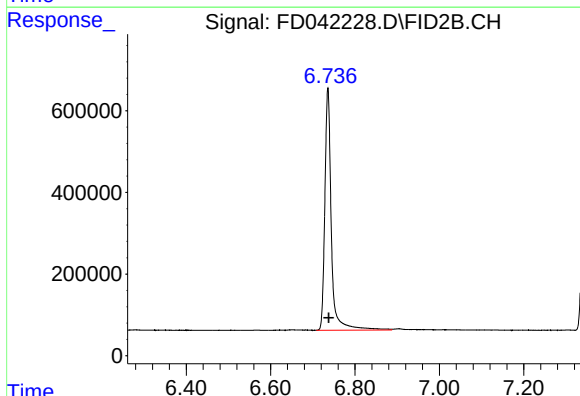
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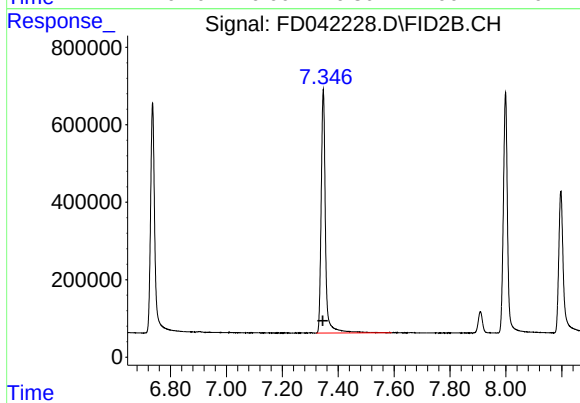
#2 Naphthalene (C11.7)

R.T.: 5.690 min
Delta R.T.: 0.000 min
Response: 6369079
Conc: 40.37 ug/ml



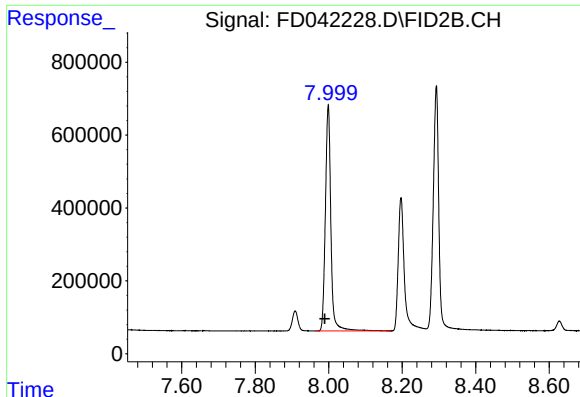
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.736 min
Delta R.T.: -0.002 min
Response: 6363609
Conc: 44.01 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.347 min
Delta R.T.: 0.002 min
Response: 6709882
Conc: 47.87 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 7.999 min
Delta R.T.: 0.009 min
Response: 6432462
Conc: 39.03 ug/ml

Instrument :

FID_D

ClientSampleId :

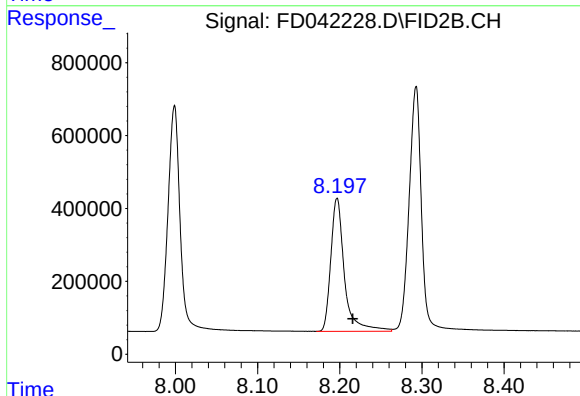
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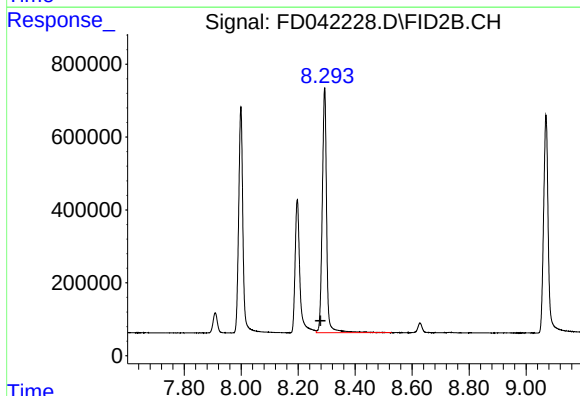
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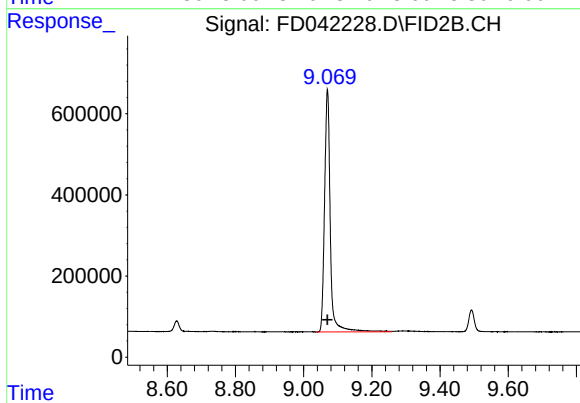
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.197 min
Delta R.T.: -0.019 min
Response: 4223923
Conc: 59.28 ug/ml



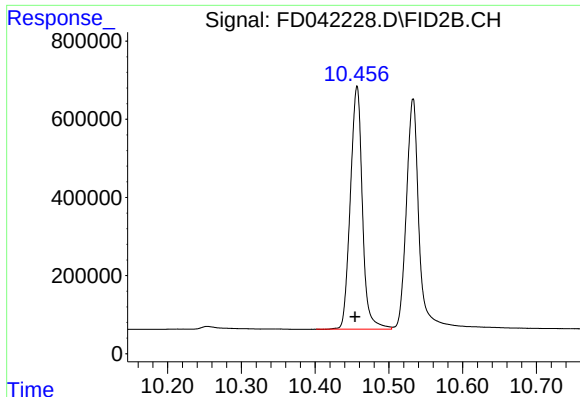
#7 Acenaphthene (C15.5)

R.T.: 8.293 min
Delta R.T.: 0.015 min
Response: 7193667
Conc: 38.32 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.070 min
Delta R.T.: 0.000 min
Response: 6959628
Conc: 45.69 ug/ml



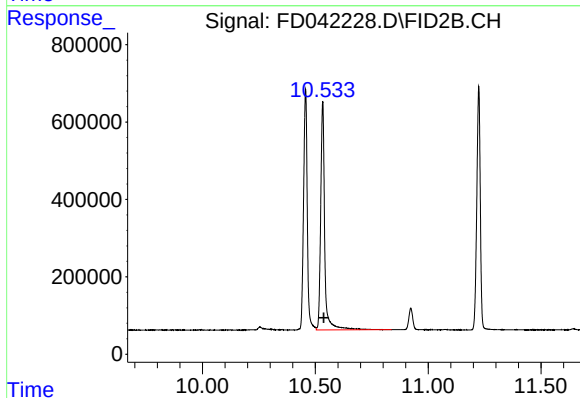
#9 Phenanthrene (C19.36)

R.T.: 10.457 min
Delta R.T.: 0.002 min
Response: 7066698
Conc: 47.59 ug/ml

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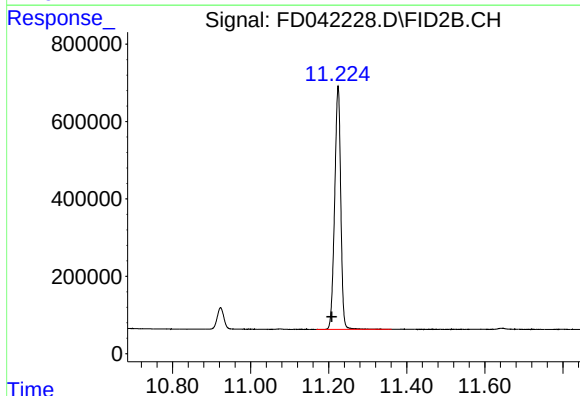
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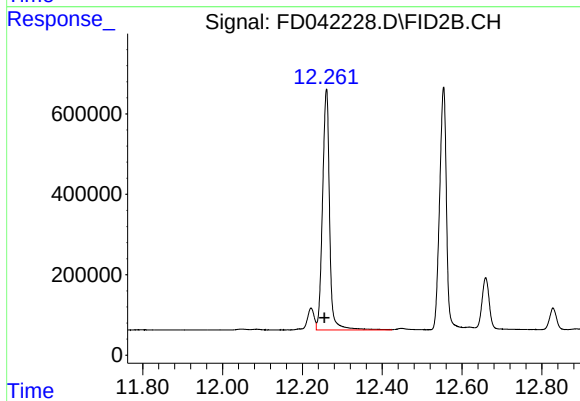
#10 Anthracene (C19.43)

R.T.: 10.532 min
Delta R.T.: -0.004 min
Response: 7331923
Conc: 43.80 ug/ml



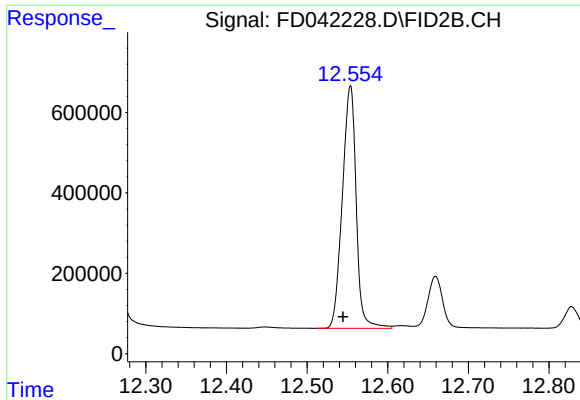
#11 ortho-Terphenyl (SURR)

R.T.: 11.224 min
Delta R.T.: 0.016 min
Response: 6796803
Conc: 39.21 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.260 min
Delta R.T.: 0.005 min
Response: 7322810
Conc: 46.68 ug/ml



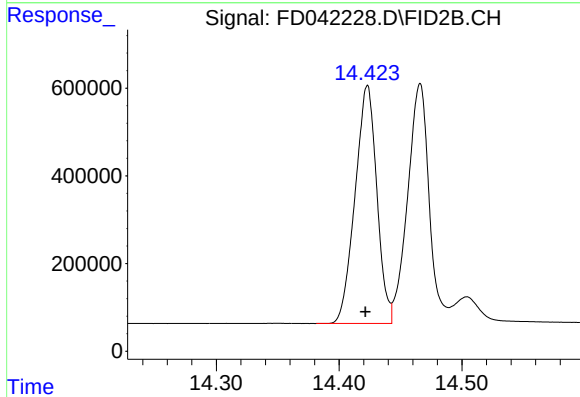
#13 Pyrene (C20.8)

R.T.: 12.553 min
Delta R.T.: 0.009 min
Response: 7214623
Conc: 44.23 ug/ml

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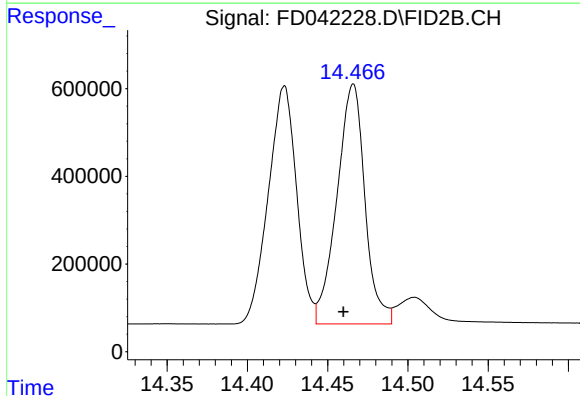
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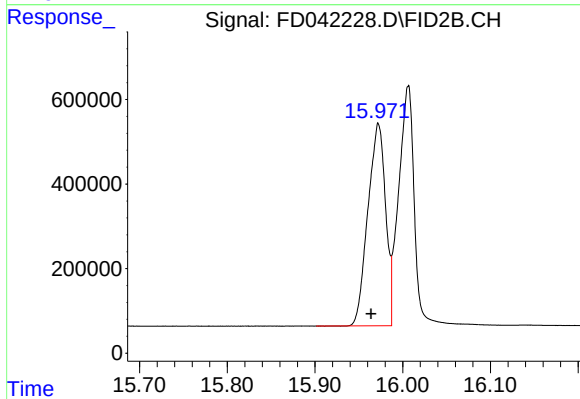
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.423 min
Delta R.T.: 0.002 min
Response: 6679838
Conc: 55.84 ug/ml



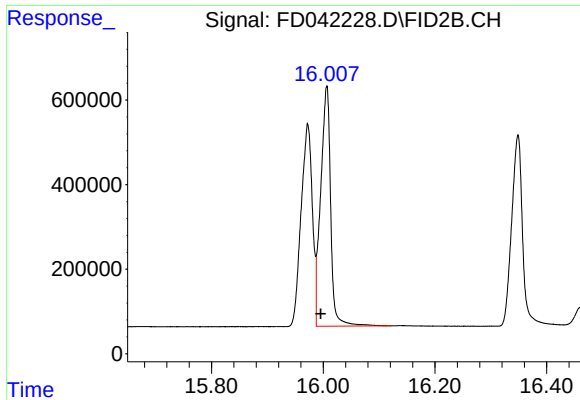
#15 Chrysene (C27.41)

R.T.: 14.466 min
Delta R.T.: 0.006 min
Response: 6650825
Conc: 36.25 ug/ml



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

R.T.: 15.972 min
Delta R.T.: 0.008 min
Response: 6700937
Conc: 51.04 ug/ml



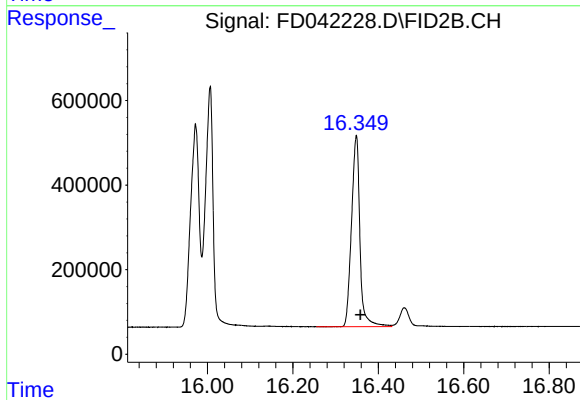
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.006 min
Delta R.T.: 0.011 min
Response: 7050118
Conc: 40.78 ug/ml

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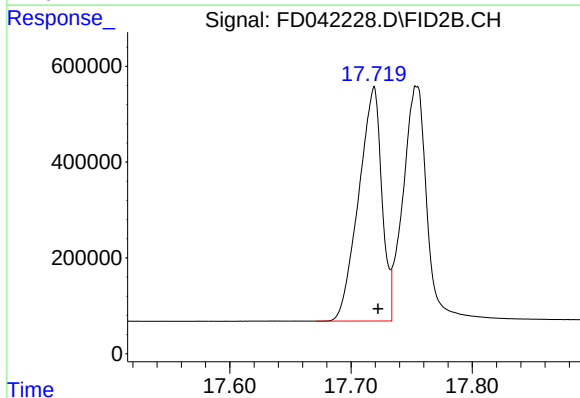
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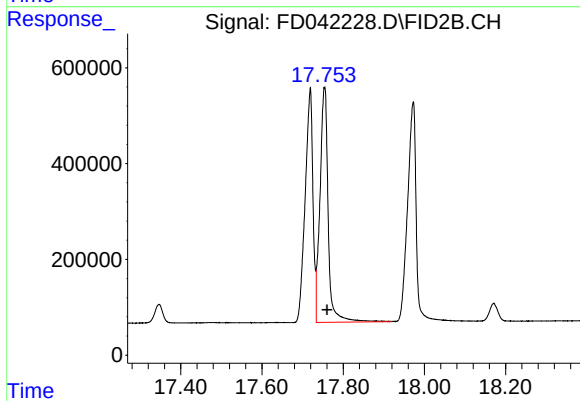
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.348 min
Delta R.T.: -0.010 min
Response: 6185552
Conc: 41.92 ug/ml



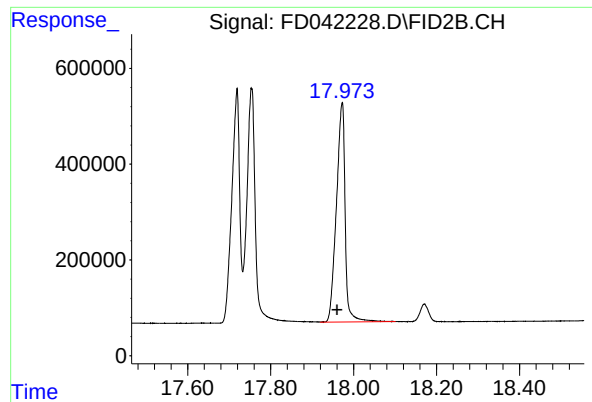
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.718 min
Delta R.T.: -0.004 min
Response: 6476305
Conc: 64.88 ug/ml



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

R.T.: 17.754 min
Delta R.T.: -0.007 min
Response: 6883820
Conc: 43.86 ug/ml



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

R.T.: 17.971 min
Delta R.T.: 0.011 min
Response: 6728552
Conc: 48.59 ug/ml

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