

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050422AR\
 Data File : FD042289.D
 Signal(s) : FID2B.CH
 Acq On : 04 May 2022 15:42
 Operator : UA/NP
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

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 01:56:45 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	2899588	20.687 ug/ml
Spiked Amount 50.000		Recovery =	41.37%
6) S 2-Fluorobiphenyl (SURR)	8.199	1691382	23.738 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	47.48%
11) S ortho-Terphenyl (SURR)	11.222	3508913	20.244 ug/ml
Spiked Amount 50.000		Recovery =	40.49%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.168	3366230	21.623 ug/ml
2) T Naphthalene (C11.7)	5.689	3327733	21.095 ug/ml
3) T 2-Methylnaphthalene (...)	6.735	2924558	20.224 ug/ml
5) T Acenaphthylene (C15.06)	7.996	3359392	20.384 ug/ml
7) T Acenaphthene (C15.5)	8.289	3659173	19.490 ug/ml
8) T Flouorene (C16.55)	9.069	3265773	21.441 ug/ml
9) T Phenanthrene (C19.36)	10.455	3069976	20.675 ug/ml
10) T Anthracene (C19.43)	10.531	3213197	19.194 ug/ml
12) T Fluoranthene (C21.85)	12.258	3090368	19.702 ug/ml
13) T Pyrene (C20.8)	12.551	3144830	19.281 ug/ml
14) T Benzo[a]anthracene (C...	14.422	2614812	21.860 ug/ml
15) T Chrysene (C27.41)	14.463	3367514	18.355 ug/ml
16) T benzo[b]fluoranthene ...	15.970	2941667	22.405 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.001	3292032	19.042 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.349	2907160	19.704 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.716	2457879	24.625 ug/ml
20) T Dibenz[a,h]anthracene...	17.753	3363338	21.428 ug/ml
21) T Benzo[g,h,i]perylene ...	17.965	2956751	21.350 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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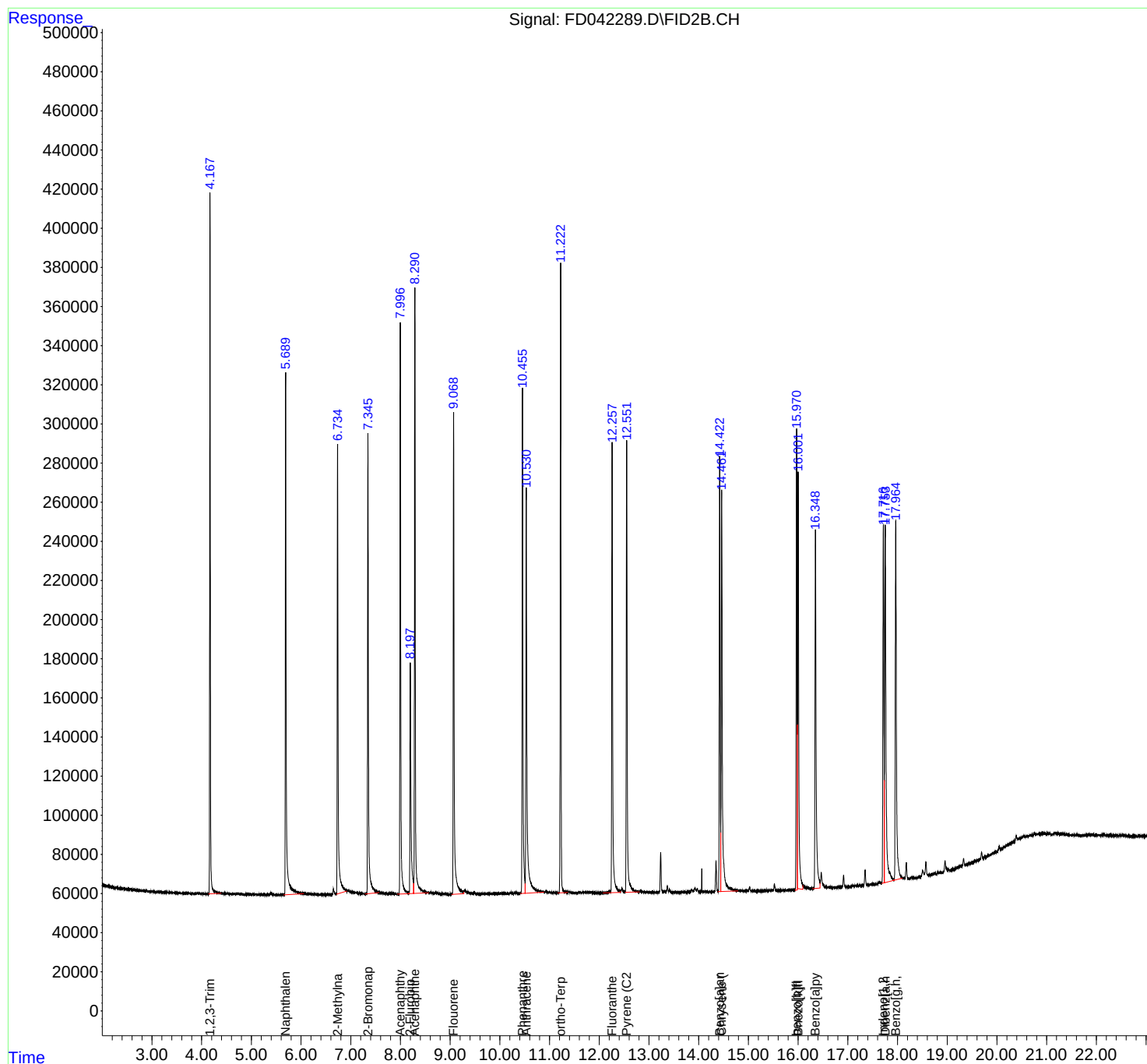
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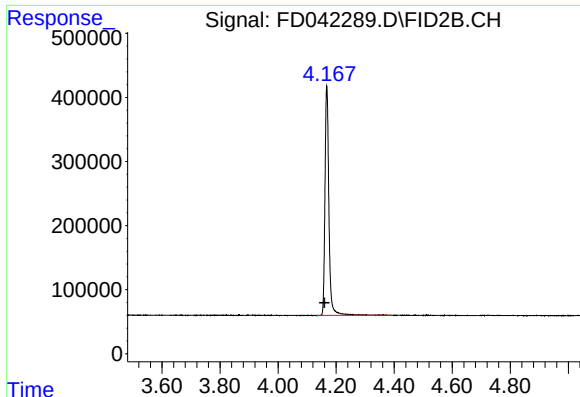
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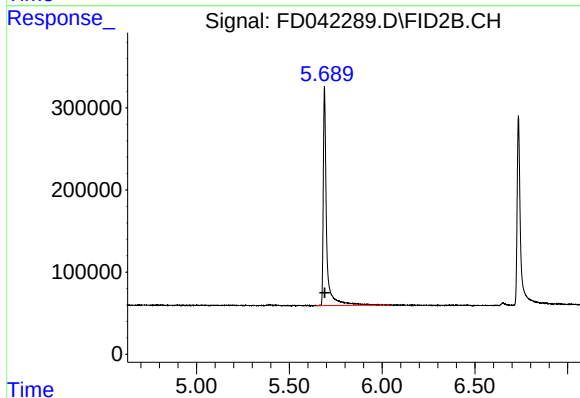
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.168 min
Delta R.T.: 0.008 min
Response: 3366230
Conc: 21.62 ug/ml

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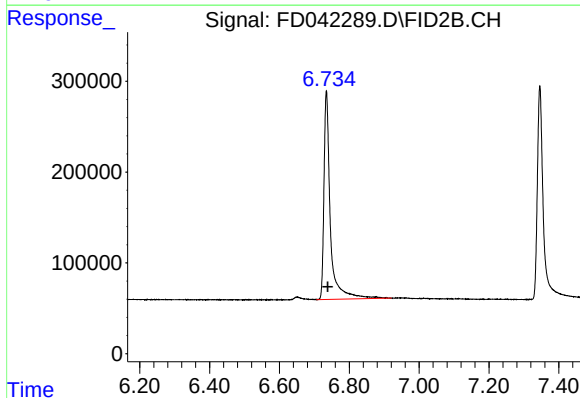
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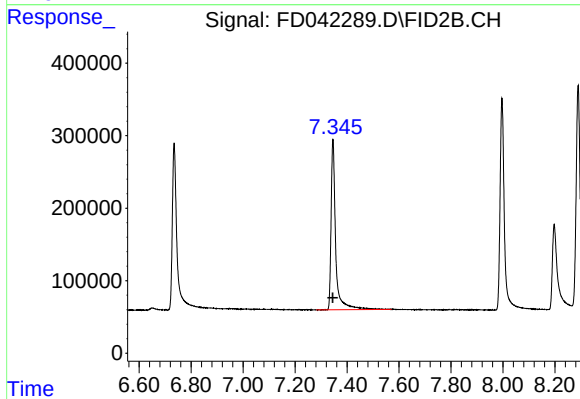
#2 Naphthalene (C11.7)

R.T.: 5.689 min
Delta R.T.: 0.000 min
Response: 3327733
Conc: 21.10 ug/ml



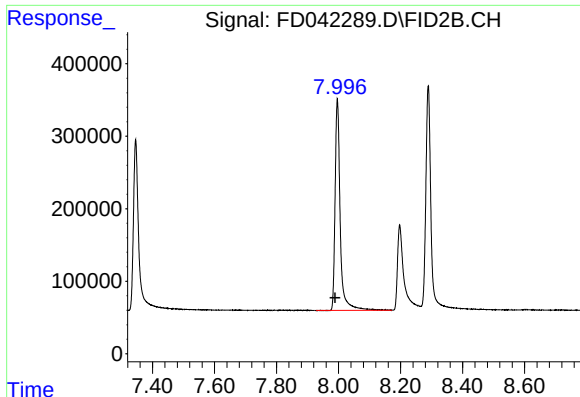
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.735 min
Delta R.T.: -0.003 min
Response: 2924558
Conc: 20.22 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.346 min
Delta R.T.: 0.000 min
Response: 2899588
Conc: 20.69 ug/ml



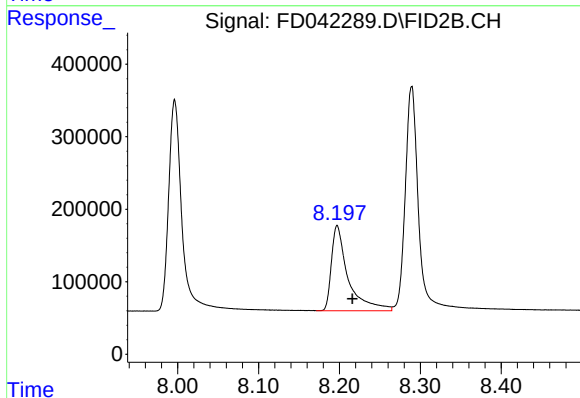
#5 Acenaphthylene (C15.06)

R.T.: 7.996 min
Delta R.T.: 0.007 min
Response: 3359392
Conc: 20.38 ug/ml

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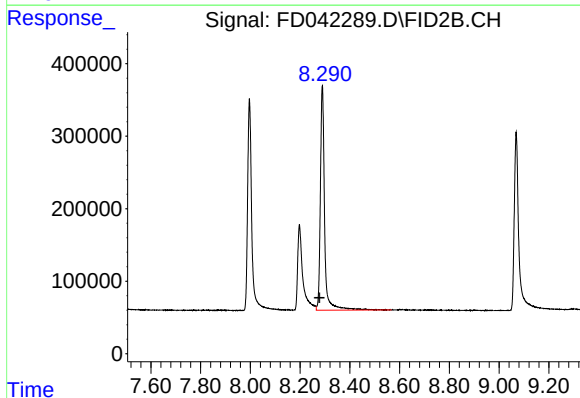
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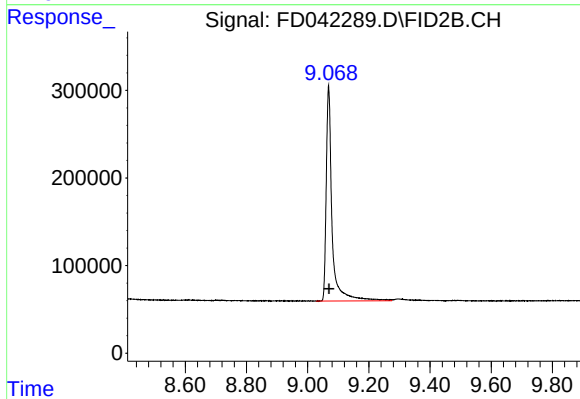
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.199 min
Delta R.T.: -0.017 min
Response: 1691382
Conc: 23.74 ug/ml



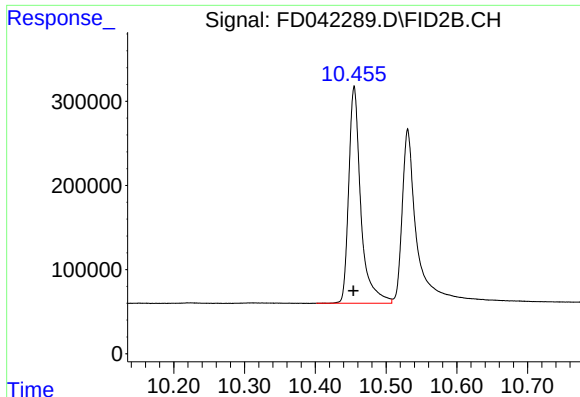
#7 Acenaphthene (C15.5)

R.T.: 8.289 min
Delta R.T.: 0.011 min
Response: 3659173
Conc: 19.49 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.069 min
Delta R.T.: 0.000 min
Response: 3265773
Conc: 21.44 ug/ml



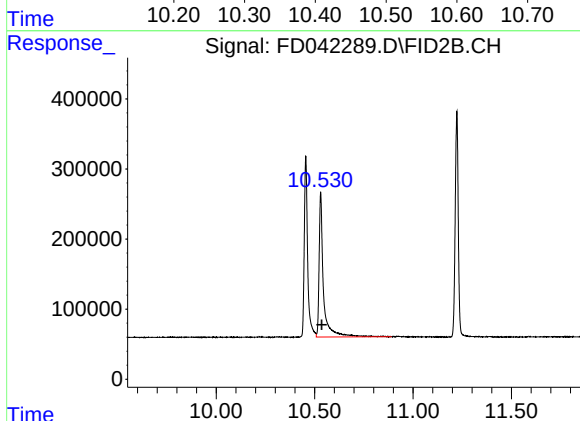
#9 Phenanthrene (C19.36)

R.T.: 10.455 min
Delta R.T.: 0.001 min
Response: 3069976
Conc: 20.67 ug/ml

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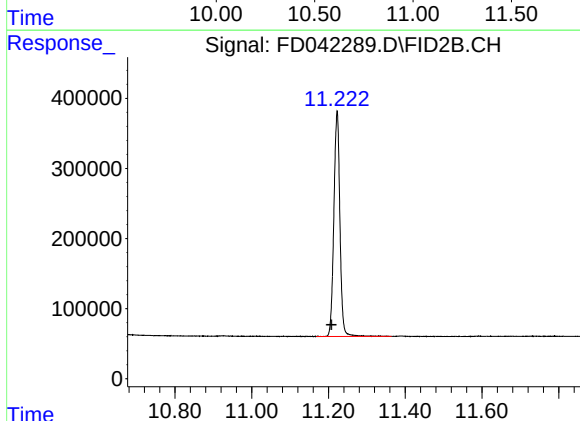
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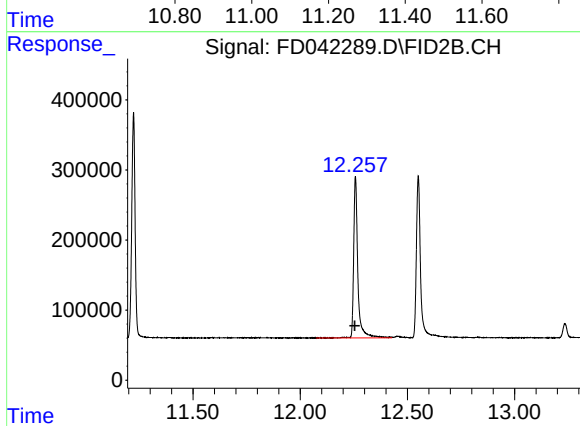
#10 Anthracene (C19.43)

R.T.: 10.531 min
Delta R.T.: -0.005 min
Response: 3213197
Conc: 19.19 ug/ml



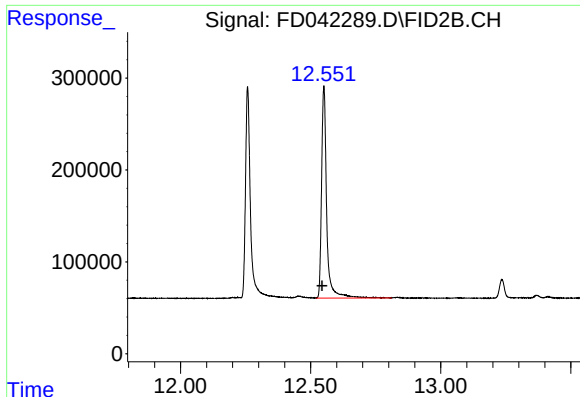
#11 ortho-Terphenyl (SURR)

R.T.: 11.222 min
Delta R.T.: 0.014 min
Response: 3508913
Conc: 20.24 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.258 min
Delta R.T.: 0.003 min
Response: 3090368
Conc: 19.70 ug/ml



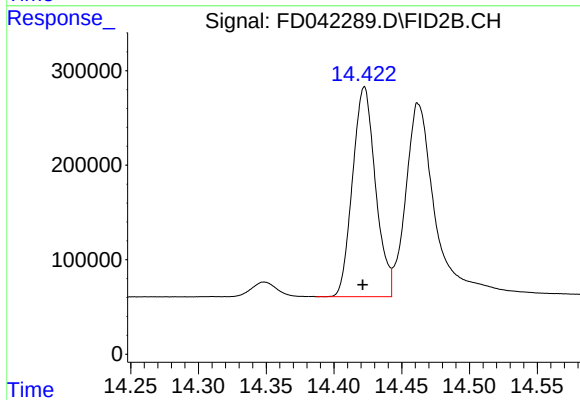
#13 Pyrene (C20.8)

R.T.: 12.551 min
Delta R.T.: 0.006 min
Response: 3144830
Conc: 19.28 ug/ml

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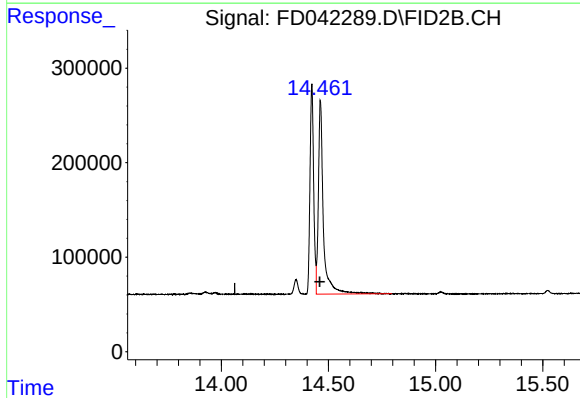
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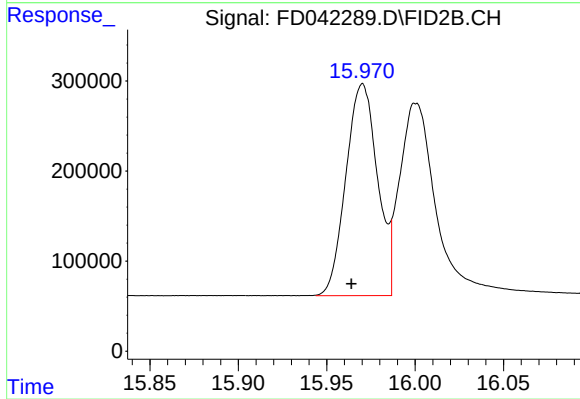
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.422 min
Delta R.T.: 0.001 min
Response: 2614812
Conc: 21.86 ug/ml



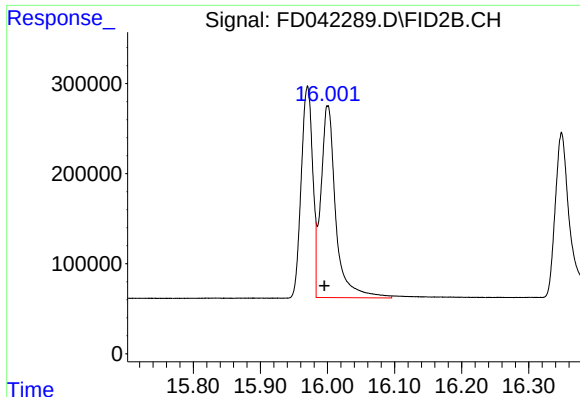
#15 Chrysene (C27.41)

R.T.: 14.463 min
Delta R.T.: 0.003 min
Response: 3367514
Conc: 18.36 ug/ml



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

R.T.: 15.970 min
Delta R.T.: 0.006 min
Response: 2941667
Conc: 22.40 ug/ml m



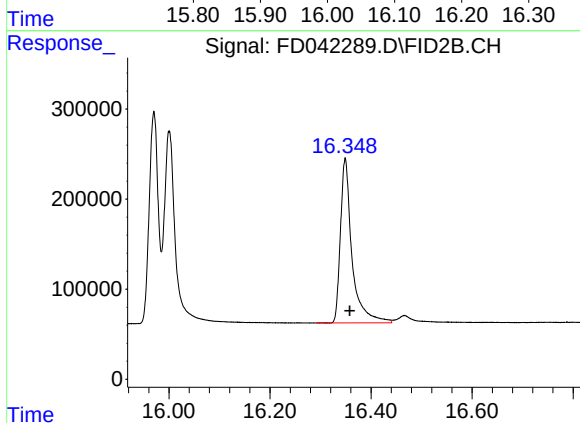
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.001 min
Delta R.T.: 0.006 min
Response: 3292032
Conc: 19.04 ug/ml

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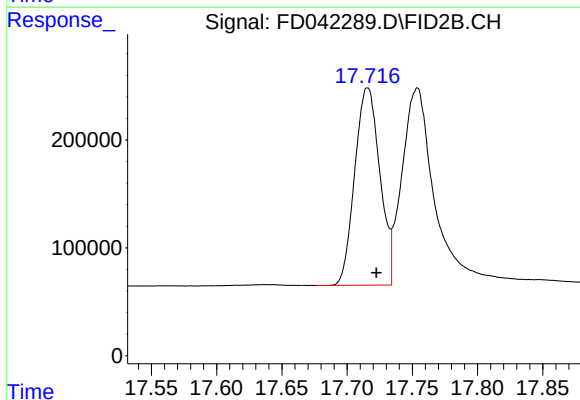
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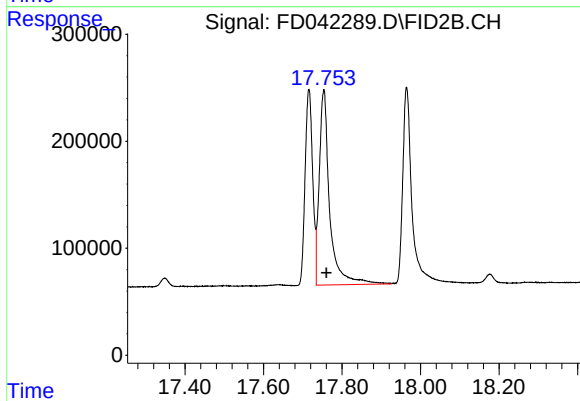
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.349 min
Delta R.T.: -0.008 min
Response: 2907160
Conc: 19.70 ug/ml



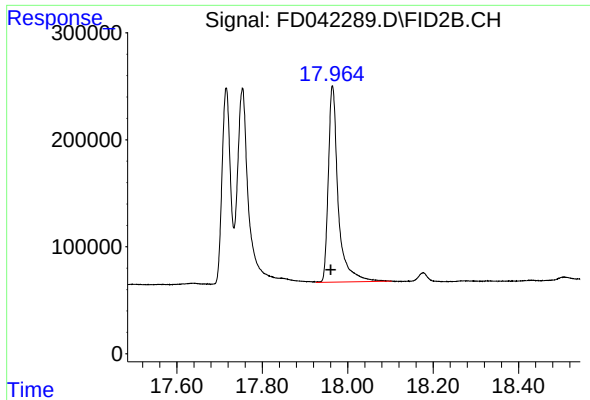
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.716 min
Delta R.T.: -0.006 min
Response: 2457879
Conc: 24.62 ug/ml



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

R.T.: 17.753 min
Delta R.T.: -0.007 min
Response: 3363338
Conc: 21.43 ug/ml



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

R.T.: 17.965 min
Delta R.T.: 0.004 min
Response: 2956751
Conc: 21.35 ug/ml

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