

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102824AR\
 Data File : FD048605.D
 Signal(s) : FID2B.ch
 Acq On : 28 Oct 2024 15:08
 Operator : YP/AJ
 Sample : PB164396BSD
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB164396BSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :Ankita Jodhani 10/29/2024

Integration File: autoint1.e

Quant Time: Oct 29 00:22:48 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102324.M

Quant Title : GC Extractables

QLast Update : Wed Oct 23 18:14:59 2024

Response via : Initial Calibration

Integrator: ChemStation

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...	7.372	7693298	50.688 ug/ml
Spiked Amount 50.000		Recovery =	101.38%
6) S 2-Fluorobiphenyl (SURR)	8.222	5094272	51.881 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	103.76%
11) S ortho-Terphenyl (SURR)	11.258	7098045	41.670 ug/ml
Spiked Amount 50.000		Recovery =	83.34%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.196	6228856	35.804 ug/mlm
2) T Naphthalene (C11.7)	5.713	7066148	39.601 ug/ml
3) T 2-Methylnaphthalene (...)	6.759	7024435	39.272 ug/ml
5) T Acenaphthylene (C15.06)	8.025	7638075	43.499 ug/ml
7) T Acenaphthene (C15.5)	8.321	8131989	45.849 ug/ml
8) T Fluorene (C16.55)	9.099	8412208	49.766 ug/ml
9) T Phenanthrene (C19.36)	10.487	8610149	52.086 ug/ml
10) T Anthracene (C19.43)	10.562	8775430	54.877 ug/ml
12) T Fluoranthene (C21.85)	12.291	8834256	53.679 ug/mlm
13) T Pyrene (C20.8)	12.585	9150056	56.805 ug/ml
14) T Benzo[a]anthracene (C...	14.454	8098024	55.384 ug/ml
15) T Chrysene (C27.41)	14.497	8160506	49.610 ug/ml
16) T benzo[b]fluoranthene ...	16.003	7988590	52.546 ug/ml
17) T Bnezo[k]fluoranthene ...	16.037	7877054	52.408 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.378	7618837	50.625 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.745	8011869	61.404 ug/ml
20) T Dibenz[a,h]anthracene...	17.783	7538753	46.325 ug/ml
21) T Benzo[g,h,i]perylene ...	17.997	7363531	48.099 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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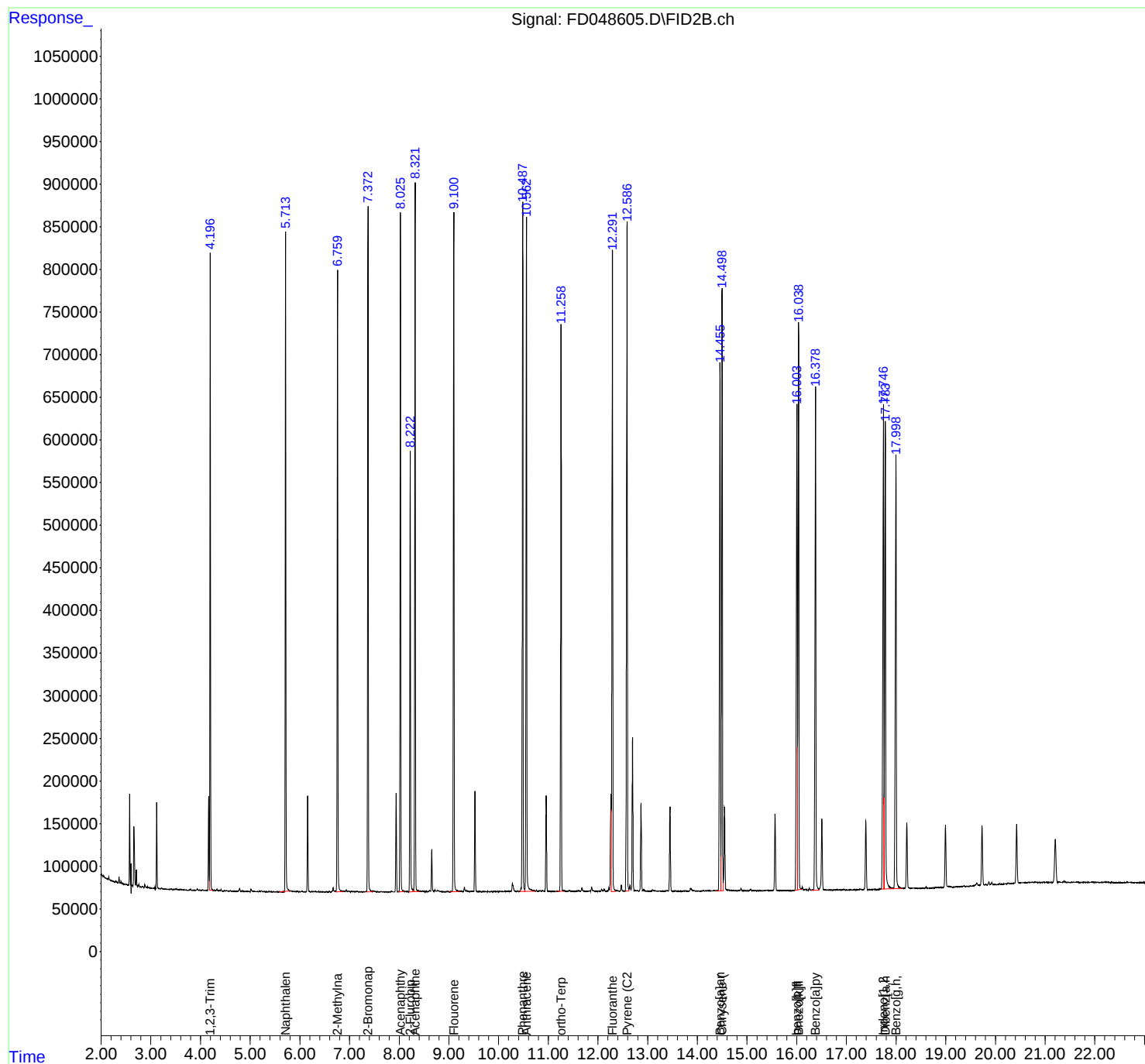
Instrument :
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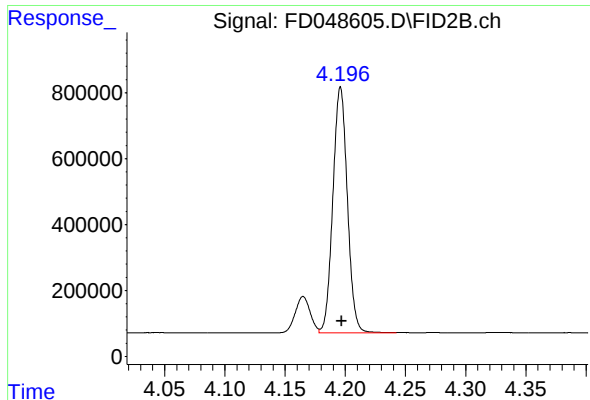
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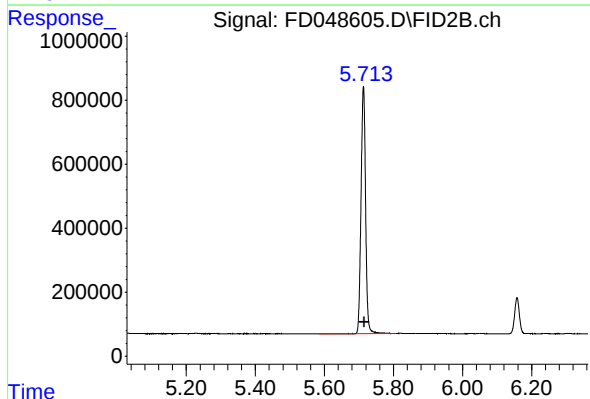
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.196 min
Delta R.T.: -0.001 min
Response: 6228856
Conc: 35.80 ug/ml

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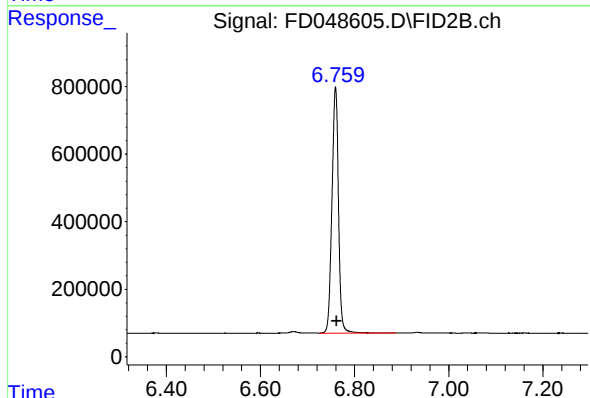
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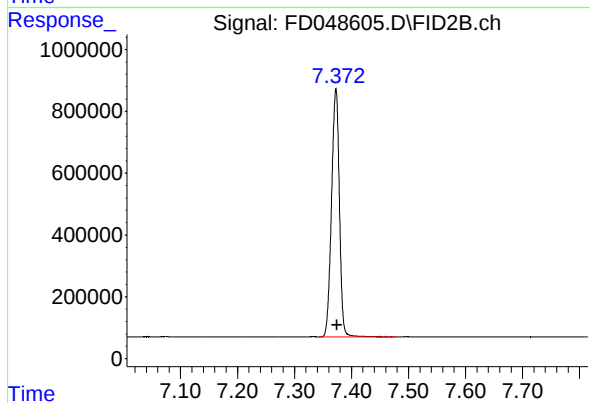
#2 Naphthalene (C11.7)

R.T.: 5.713 min
Delta R.T.: -0.003 min
Response: 7066148
Conc: 39.60 ug/ml



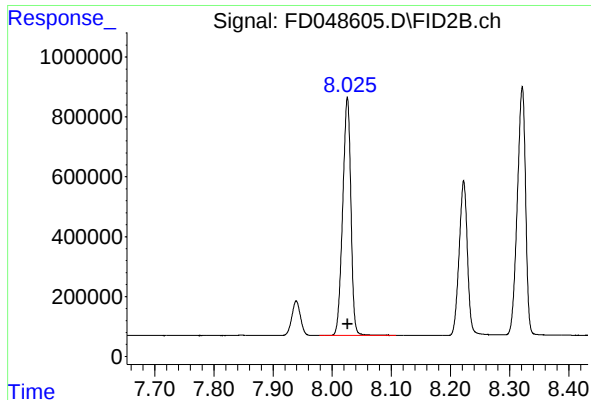
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.759 min
Delta R.T.: -0.003 min
Response: 7024435
Conc: 39.27 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.372 min
Delta R.T.: -0.002 min
Response: 7693298
Conc: 50.69 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.025 min
Delta R.T.: 0.000 min
Response: 7638075
Conc: 43.50 ug/ml

Instrument :

FID_D

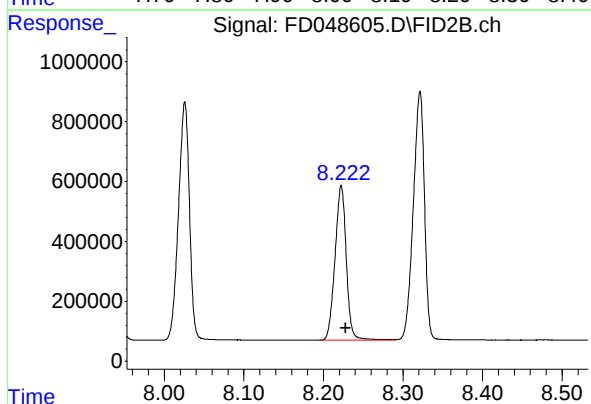
ClientSampleId :

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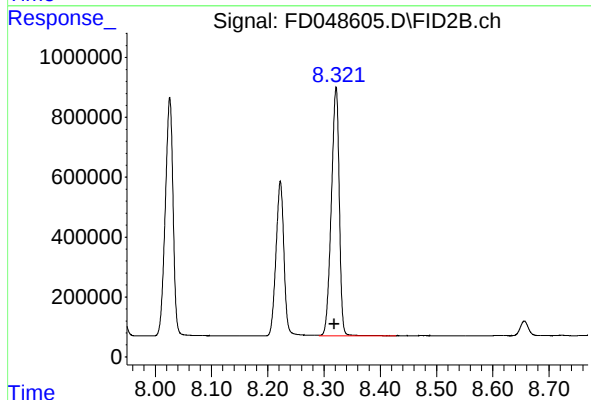
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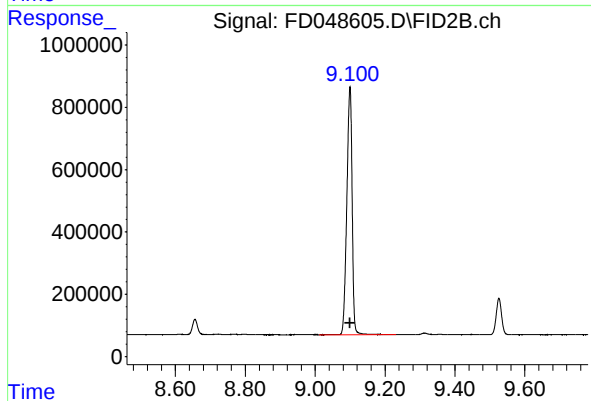
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.222 min
Delta R.T.: -0.006 min
Response: 5094272
Conc: 51.88 ug/ml



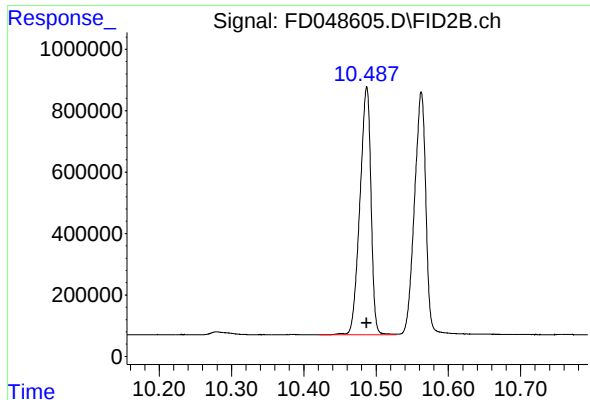
#7 Acenaphthene (C15.5)

R.T.: 8.321 min
Delta R.T.: 0.002 min
Response: 8131989
Conc: 45.85 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.099 min
Delta R.T.: -0.001 min
Response: 8412208
Conc: 49.77 ug/ml



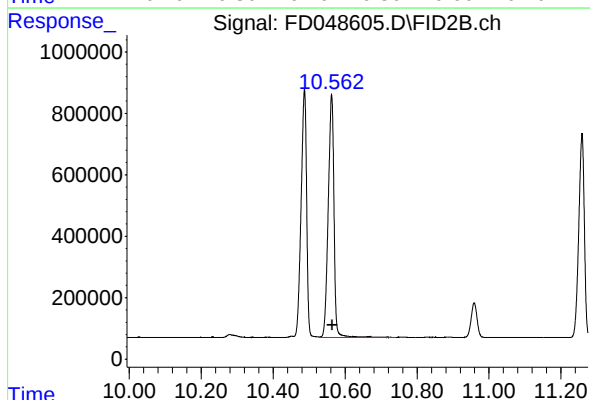
#9 Phenanthrene (C19.36)

R.T.: 10.487 min
Delta R.T.: 0.000 min
Response: 8610149
Conc: 52.09 ug/ml

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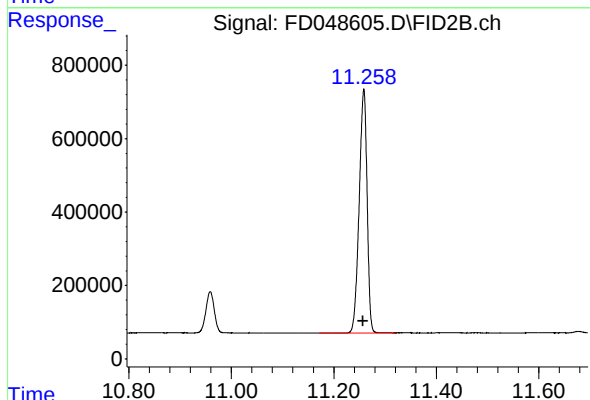
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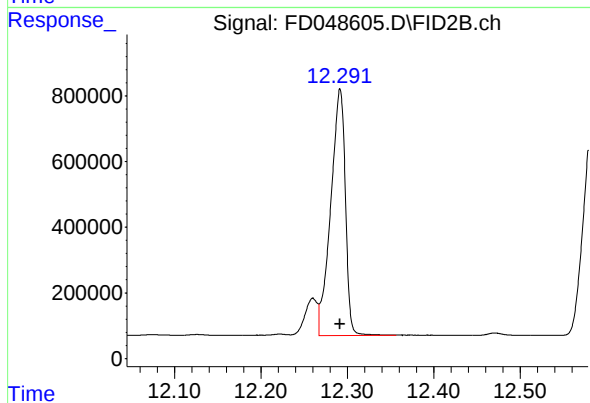
#10 Anthracene (C19.43)

R.T.: 10.562 min
Delta R.T.: -0.002 min
Response: 8775430
Conc: 54.88 ug/ml



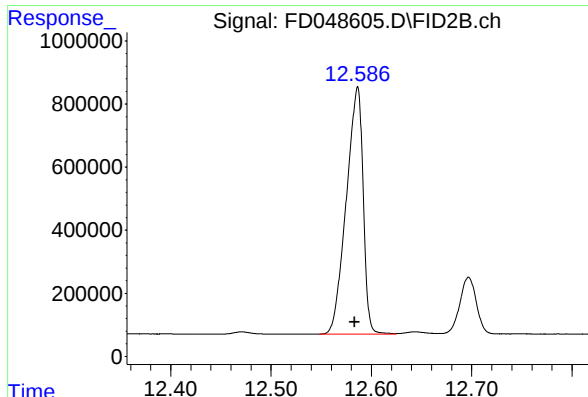
#11 ortho-Terphenyl (SURR)

R.T.: 11.258 min
Delta R.T.: 0.001 min
Response: 7098045
Conc: 41.67 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.291 min
Delta R.T.: 0.000 min
Response: 8834256
Conc: 53.68 ug/ml m



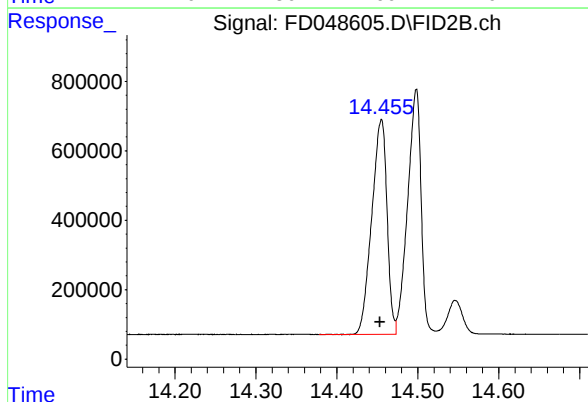
#13 Pyrene (C20.8)

R.T.: 12.585 min
Delta R.T.: 0.002 min
Response: 9150056
Conc: 56.81 ug/ml

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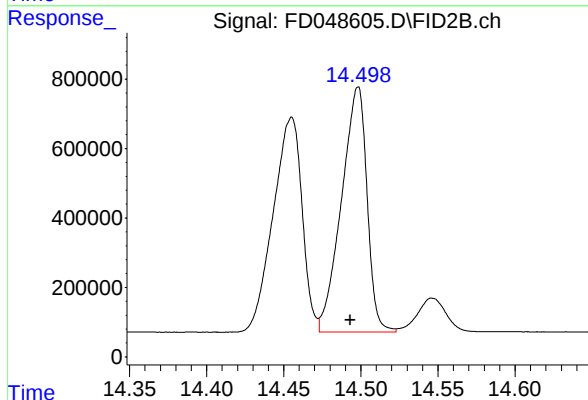
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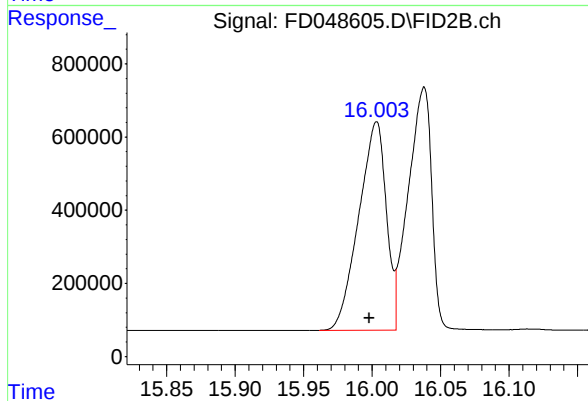
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.454 min
Delta R.T.: 0.001 min
Response: 8098024
Conc: 55.38 ug/ml



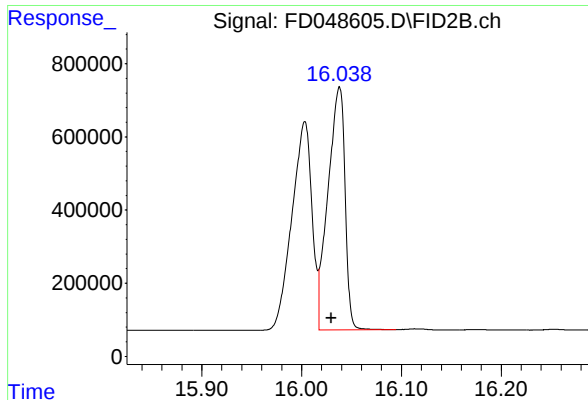
#15 Chrysene (C27.41)

R.T.: 14.497 min
Delta R.T.: 0.004 min
Response: 8160506
Conc: 49.61 ug/ml



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

R.T.: 16.003 min
Delta R.T.: 0.005 min
Response: 7988590
Conc: 52.55 ug/ml



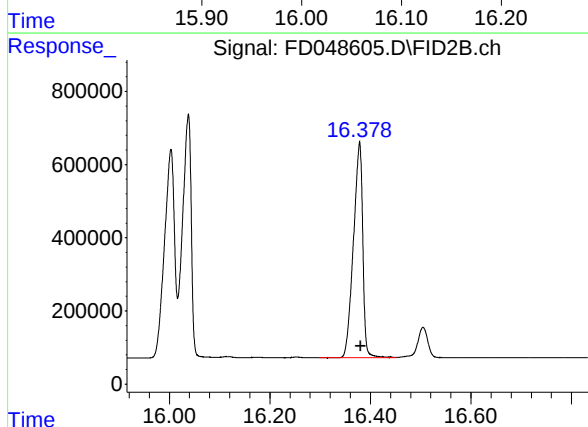
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.037 min
Delta R.T.: 0.007 min
Response: 7877054
Conc: 52.41 ug/ml

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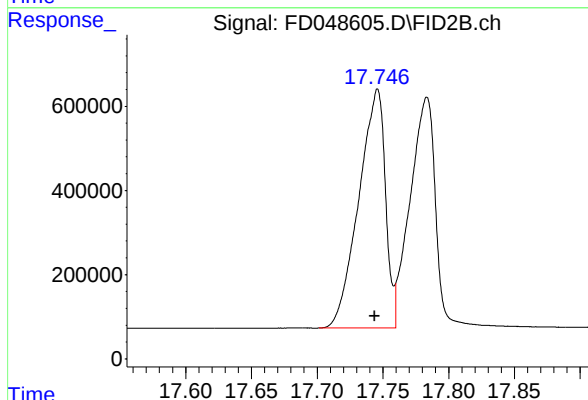
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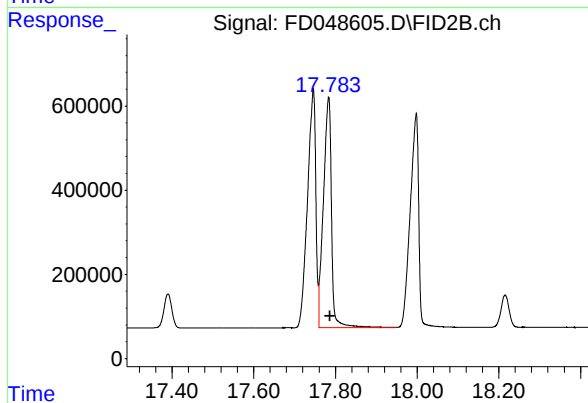
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.378 min
Delta R.T.: -0.003 min
Response: 7618837
Conc: 50.63 ug/ml



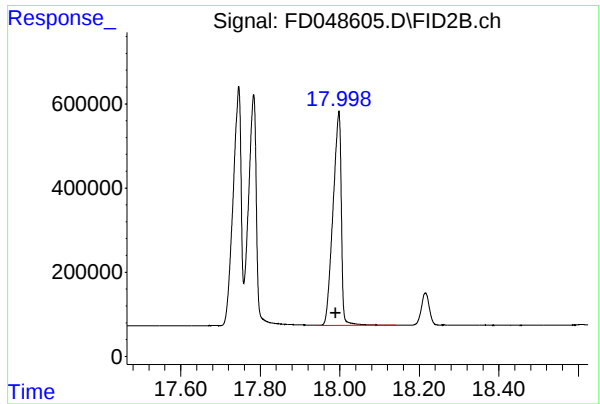
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.745 min
Delta R.T.: 0.001 min
Response: 8011869
Conc: 61.40 ug/ml



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

R.T.: 17.783 min
Delta R.T.: -0.004 min
Response: 7538753
Conc: 46.33 ug/ml



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

R.T.: 17.997 min
Delta R.T.: 0.007 min
Response: 7363531
Conc: 48.10 ug/ml

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