

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD112124AR\
 Data File : FD048793.D
 Signal(s) : FID2B.ch
 Acq On : 21 Nov 2024 12:31
 Operator : YP/AJ
 Sample : PB165151BSD
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB165151BSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 11/29/2024

Supervised By :mohammad ahmed 11/29/2024

Integration File: autoint1.e

Quant Time: Nov 22 00:50:56 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 111424.M

Quant Title : GC Extractables

QLast Update : Thu Nov 14 14:16:25 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...	7.367	9369413	53.218 ug/ml
Spiked Amount 50.000		Recovery =	106.44%
6) S 2-Fluorobiphenyl (SURR)	8.218	5631657	48.899 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	97.80%
11) S ortho-Terphenyl (SURR)	11.255	8834245	45.931 ug/ml
Spiked Amount 50.000		Recovery =	91.86%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.190	7735073	41.043 ug/ml
2) T Naphthalene (C11.7)	5.707	9316804	47.638 ug/ml
3) T 2-Methylnaphthalene (...)	6.754	9143869	47.847 ug/ml
5) T Acenaphthylene (C15.06)	8.022	10507147	54.181 ug/ml
7) T Acenaphthene (C15.5)	8.318	10924353	56.796 ug/ml
8) T Fluorene (C16.55)	9.096	10854323	56.576 ug/ml
9) T Phenanthrene (C19.36)	10.484	10647778	58.088 ug/ml
10) T Anthracene (C19.43)	10.561	10619959	56.709 ug/ml
12) T Fluoranthene (C21.85)	12.292	10654764	58.184 ug/mlm
13) T Pyrene (C20.8)	12.584	10603262	58.648 ug/ml
14) T Benzo[a]anthracene (C...	14.455	10034149	60.997 ug/ml
15) T Chrysene (C27.41)	14.499	9884467	56.478 ug/ml
16) T benzo[b]fluoranthene ...	16.004	9604808	61.131 ug/ml
17) T Bnezo[k]fluoranthene ...	16.040	9491041	58.157 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.380	9081847	60.912 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.748	8905682	72.093 ug/ml
20) T Dibenz[a,h]anthracene...	17.784	8405991	53.605 ug/ml
21) T Benzo[g,h,i]perylene ...	18.000	8537071	59.831 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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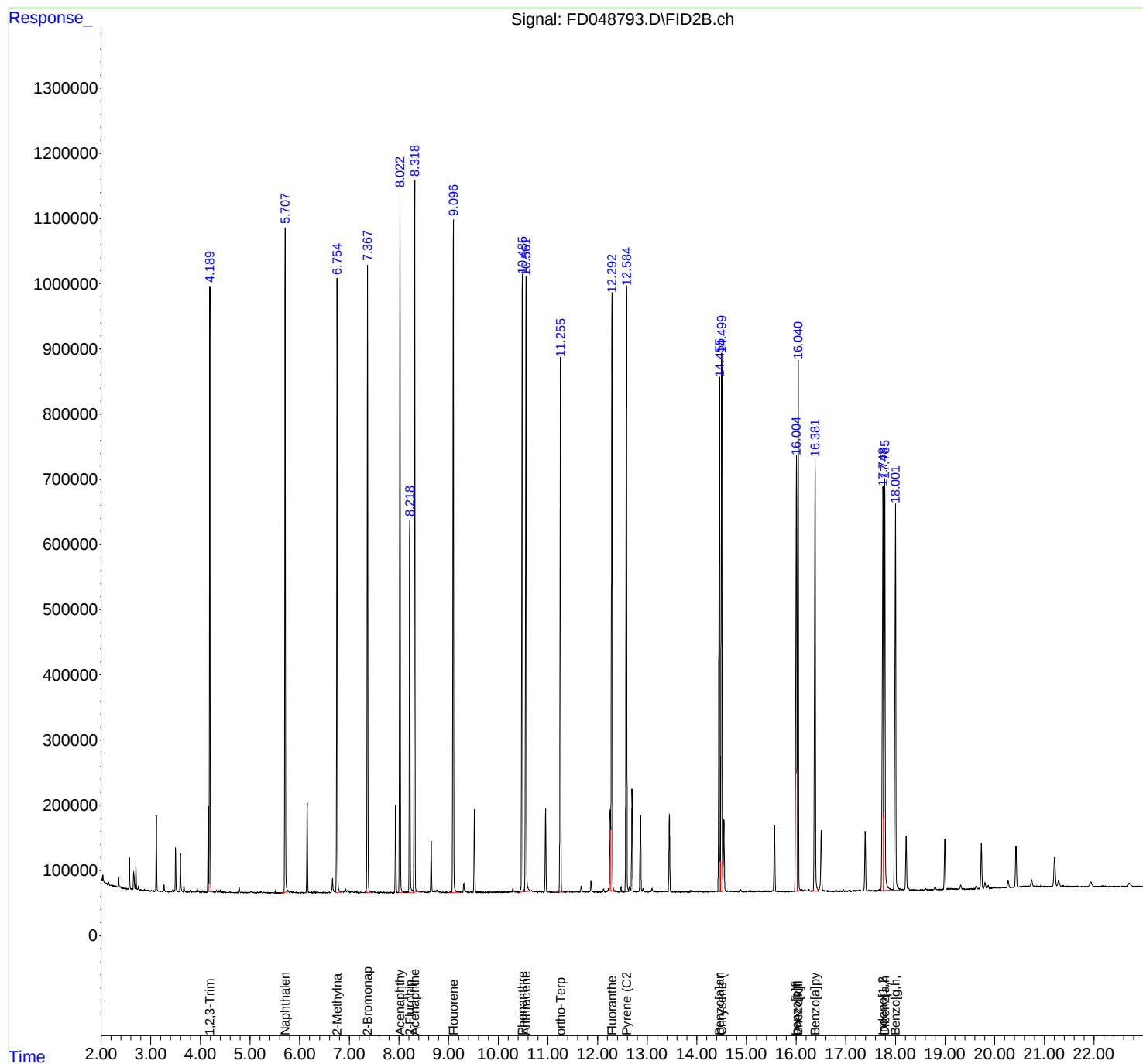
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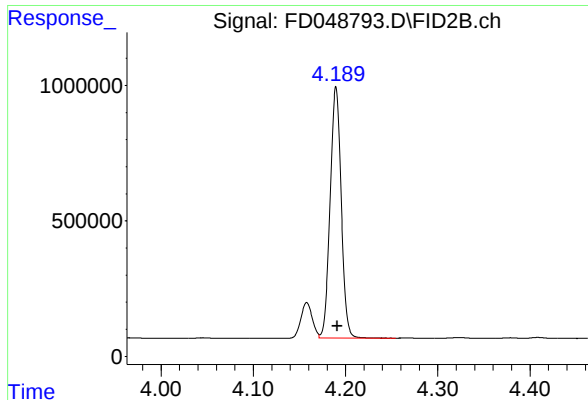
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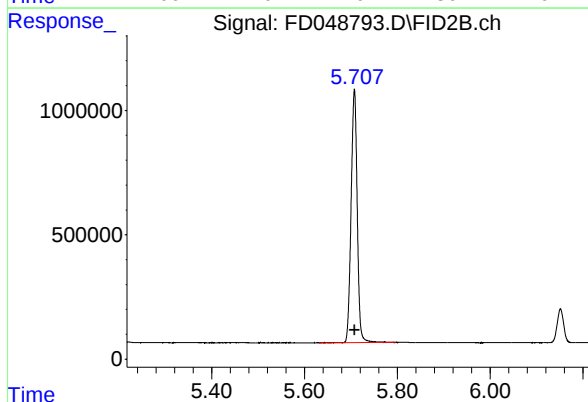
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.190 min
Delta R.T.: -0.001 min
Response: 7735073
Conc: 41.04 ug/ml

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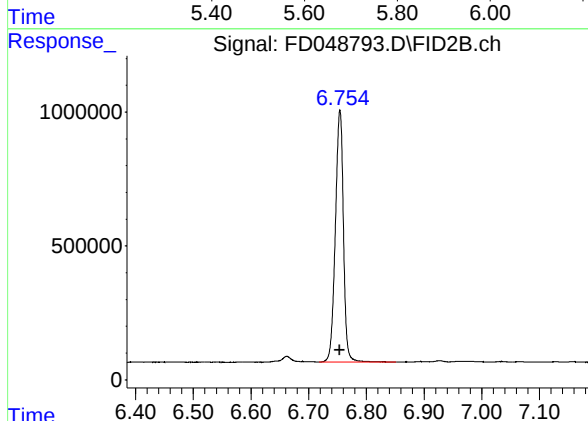
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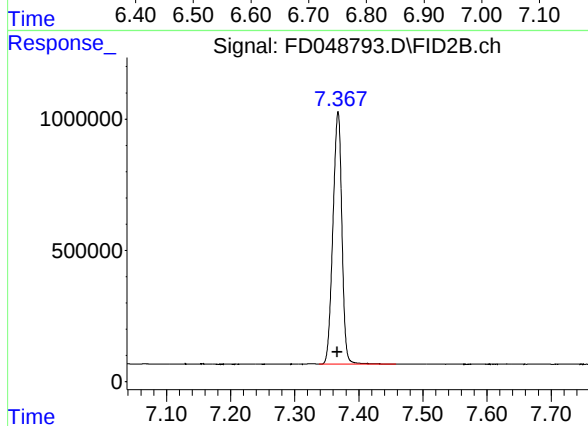
#2 Naphthalene (C11.7)

R.T.: 5.707 min
Delta R.T.: 0.000 min
Response: 9316804
Conc: 47.64 ug/ml



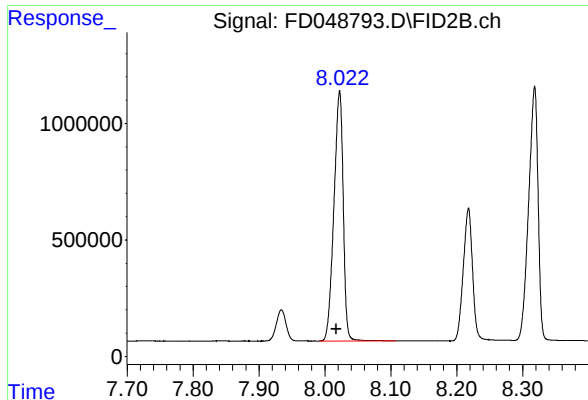
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.754 min
Delta R.T.: 0.000 min
Response: 9143869
Conc: 47.85 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.367 min
Delta R.T.: 0.000 min
Response: 9369413
Conc: 53.22 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.022 min
Delta R.T.: 0.004 min
Response: 10507147
Conc: 54.18 ug/ml

Instrument :

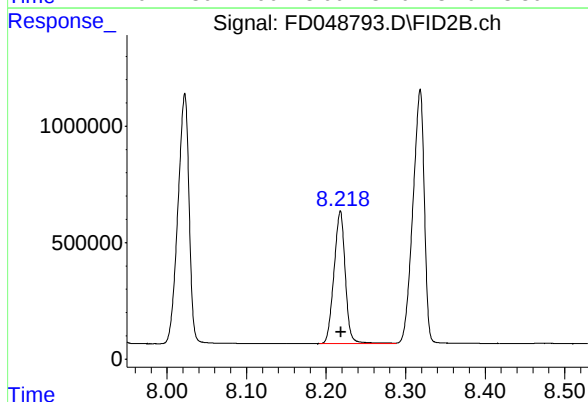
FID_D

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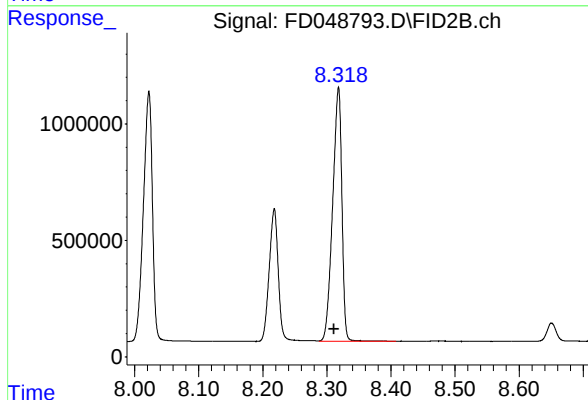
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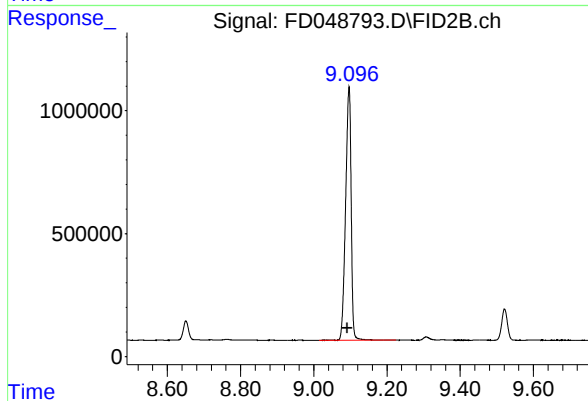
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.218 min
Delta R.T.: 0.000 min
Response: 5631657
Conc: 48.90 ug/ml



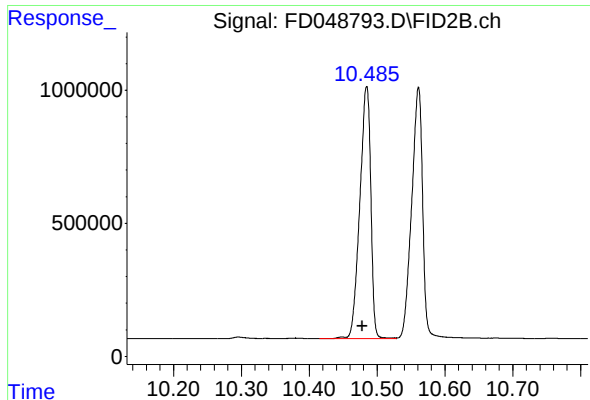
#7 Acenaphthene (C15.5)

R.T.: 8.318 min
Delta R.T.: 0.006 min
Response: 10924353
Conc: 56.80 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.096 min
Delta R.T.: 0.004 min
Response: 10854323
Conc: 56.58 ug/ml



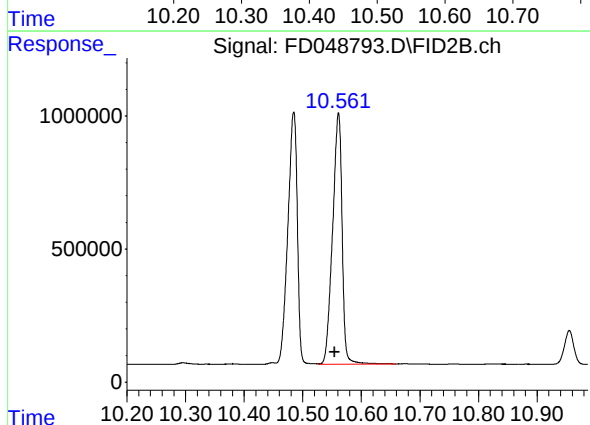
#9 Phenanthrene (C19.36)

R.T.: 10.484 min
Delta R.T.: 0.006 min
Response: 10647778
Conc: 58.09 ug/ml

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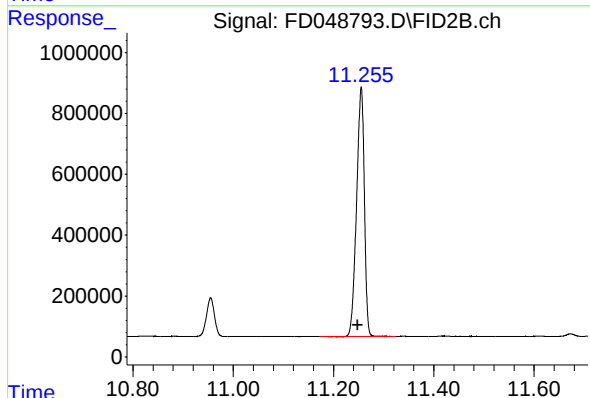
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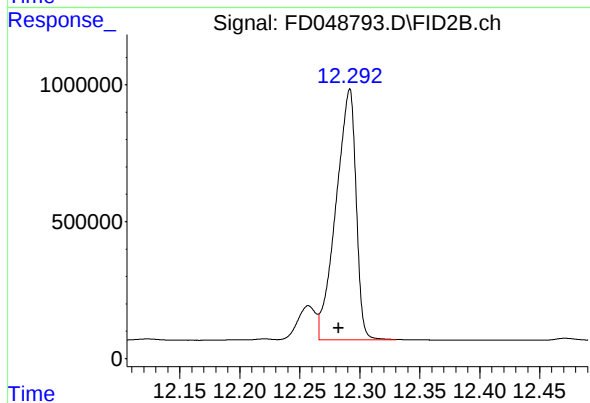
#10 Anthracene (C19.43)

R.T.: 10.561 min
Delta R.T.: 0.006 min
Response: 10619959
Conc: 56.71 ug/ml



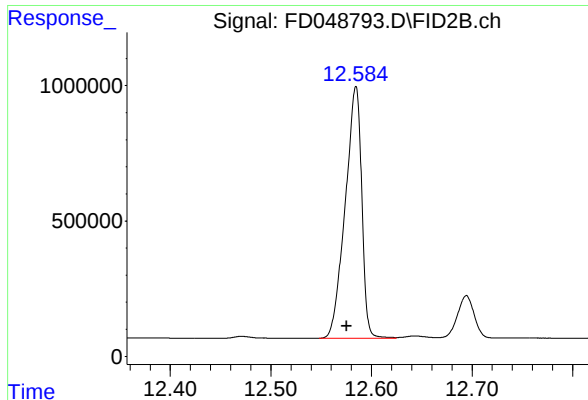
#11 ortho-Terphenyl (SURR)

R.T.: 11.255 min
Delta R.T.: 0.006 min
Response: 8834245
Conc: 45.93 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.292 min
Delta R.T.: 0.009 min
Response: 10654764
Conc: 58.18 ug/ml m



#13 Pyrene (C20.8)

R.T.: 12.584 min
Delta R.T.: 0.009 min
Response: 10603262
Conc: 58.65 ug/ml

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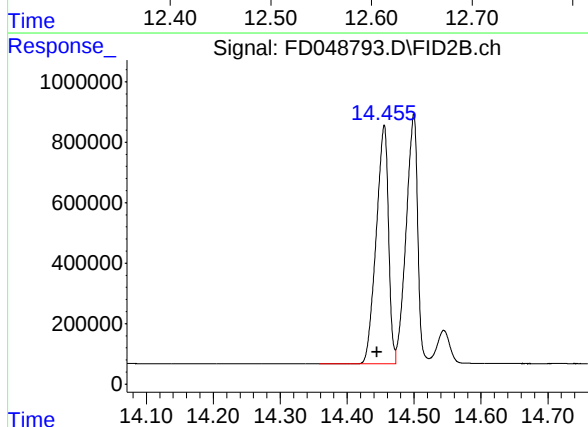
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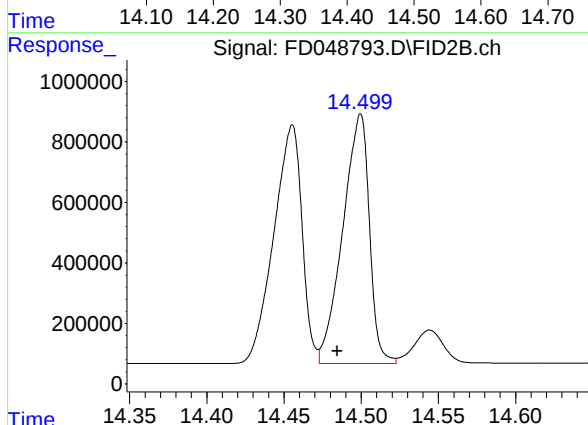
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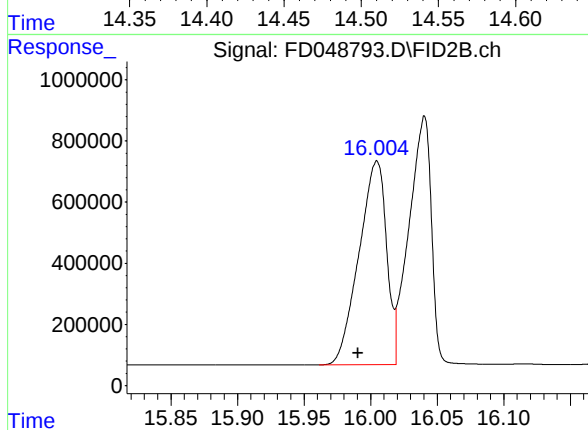
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.455 min
Delta R.T.: 0.010 min
Response: 10034149
Conc: 61.00 ug/ml



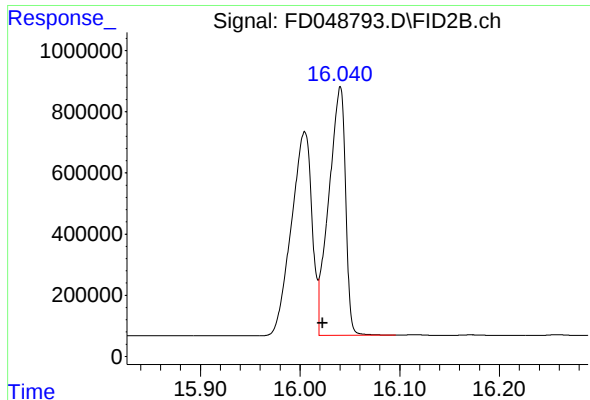
#15 Chrysene (C27.41)

R.T.: 14.499 min
Delta R.T.: 0.014 min
Response: 9884467
Conc: 56.48 ug/ml



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

R.T.: 16.004 min
Delta R.T.: 0.014 min
Response: 9604808
Conc: 61.13 ug/ml



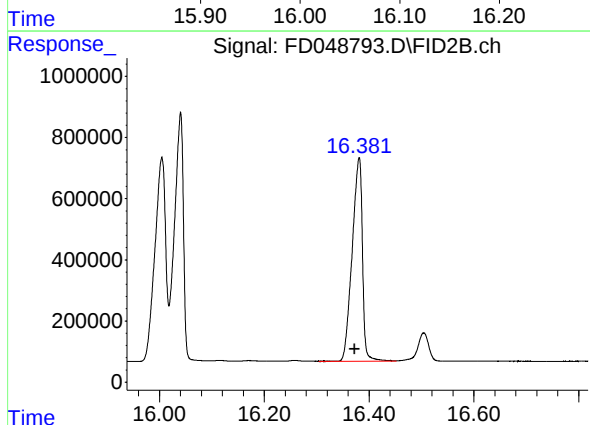
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.040 min
Delta R.T.: 0.017 min
Response: 9491041
Conc: 58.16 ug/ml

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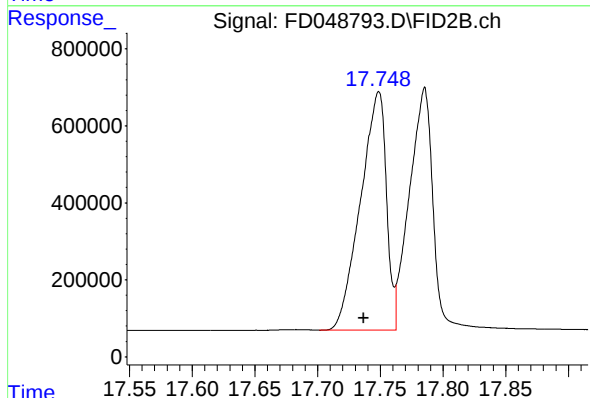
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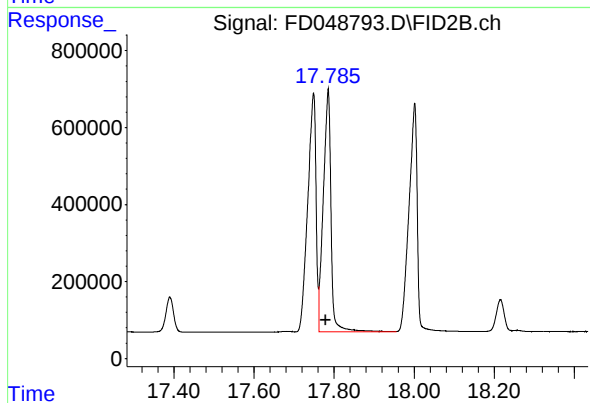
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.380 min
Delta R.T.: 0.008 min
Response: 9081847
Conc: 60.91 ug/ml



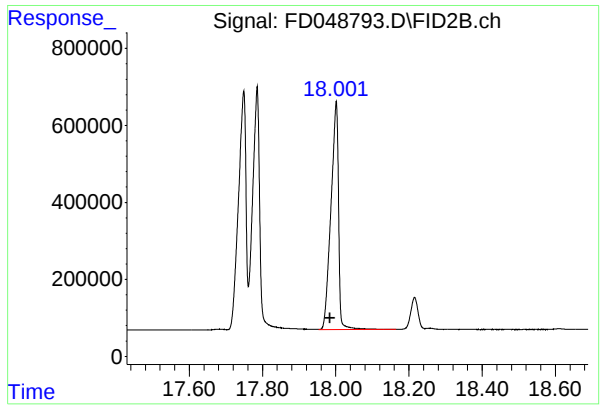
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.748 min
Delta R.T.: 0.011 min
Response: 8905682
Conc: 72.09 ug/ml



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

R.T.: 17.784 min
Delta R.T.: 0.006 min
Response: 8405991
Conc: 53.60 ug/ml



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

R.T.: 18.000 min
Delta R.T.: 0.016 min
Response: 8537071
Conc: 59.83 ug/ml

Instrument :

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