

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051024AR\
 Data File : FD047724.D
 Signal(s) : FID2B.ch
 Acq On : 11 May 2024 16:25
 Operator : YP/AJ
 Sample : PB160844BS
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB160844BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 05/13/2024

Supervised By :Ankita Jodhani 05/13/2024

Integration File: autoint1.e
 Quant Time: May 13 02:06:33 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042924.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 17:13:11 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...	7.463	8259474	52.666 ug/ml
Spiked Amount 50.000		Recovery =	105.33%
6) S 2-Fluorobiphenyl (SURR)	8.316	5159681	49.327 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	98.65%
11) S ortho-Terphenyl (SURR)	11.357	7271421	38.774 ug/ml
Spiked Amount 50.000		Recovery =	77.55%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.273	6482435	40.094 ug/ml
2) T Naphthalene (C11.7)	5.799	7478130	44.196 ug/ml
3) T 2-Methylnaphthalene (...)	6.850	7643275	44.870 ug/ml
5) T Acenaphthylene (C15.06)	8.120	8025156	49.209 ug/ml
7) T Acenaphthene (C15.5)	8.416	7897103	46.980 ug/ml
8) T Flouorene (C16.55)	9.195	8189479	49.232 ug/ml
9) T Phenanthrene (C19.36)	10.587	8391044	51.253 ug/ml
10) T Anthracene (C19.43)	10.663	8326651	55.591 ug/ml
12) T Fluoranthene (C21.85)	12.395	8484216	51.130 ug/ml
13) T Pyrene (C20.8)	12.690	8603586	52.877 ug/ml
14) T Benzo[a]anthracene (C...	14.561	7990436	54.739 ug/ml
15) T Chrysene (C27.41)	14.605	7928827	50.315 ug/ml
16) T benzo[b]fluoranthene ...	16.110	7754166	51.917 ug/ml
17) T Bnezo[k]fluoranthene ...	16.145	7793255	51.765 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.487	7512127	52.062 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.854	7850144	57.841 ug/ml
20) T Dibenz[a,h]anthracene...	17.893	7407492	51.737 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.107	7157306	52.130 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB160844BS
Misc :
ALS Vial : 69 Sample Multiplier: 1

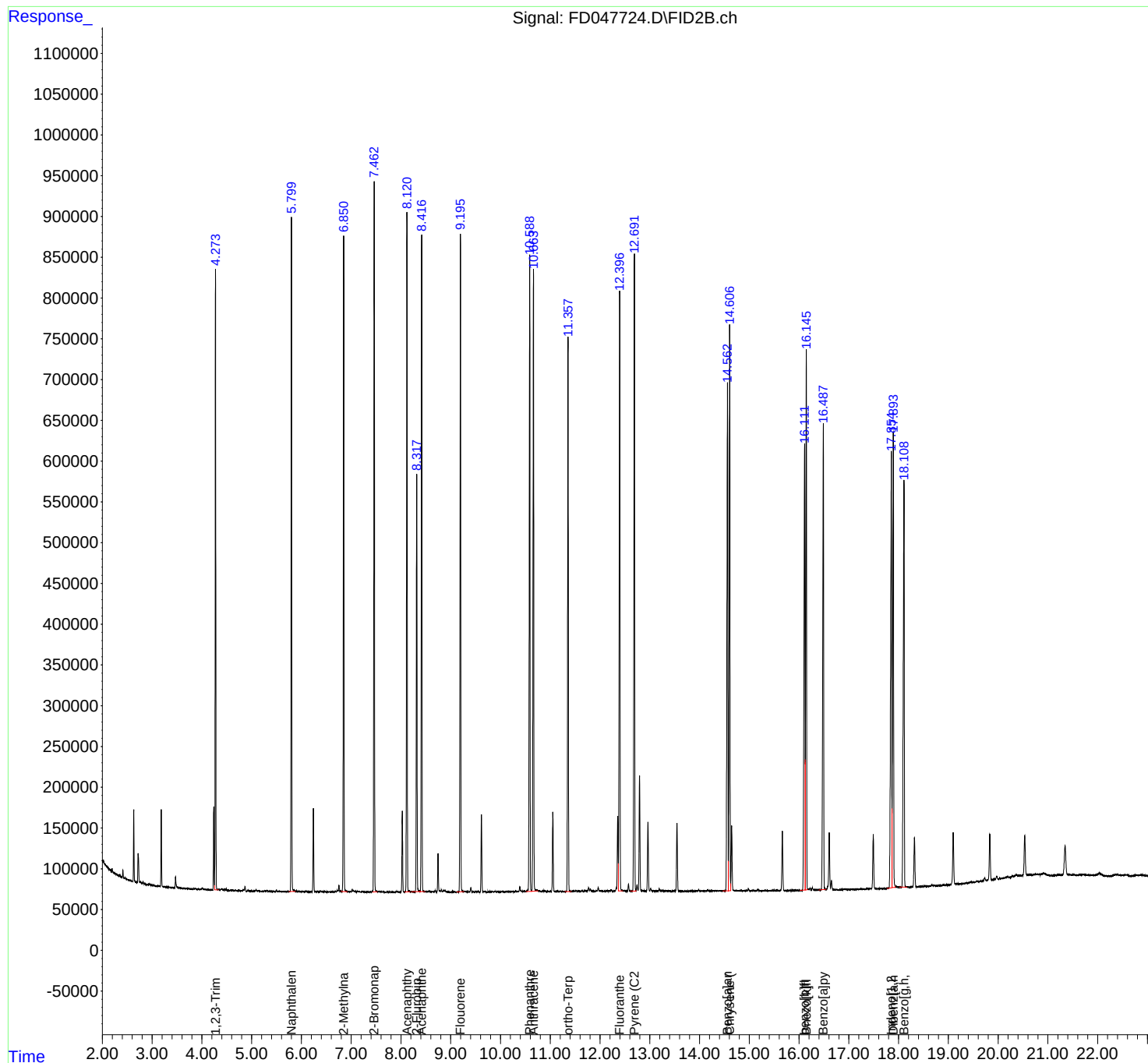
Instrument :
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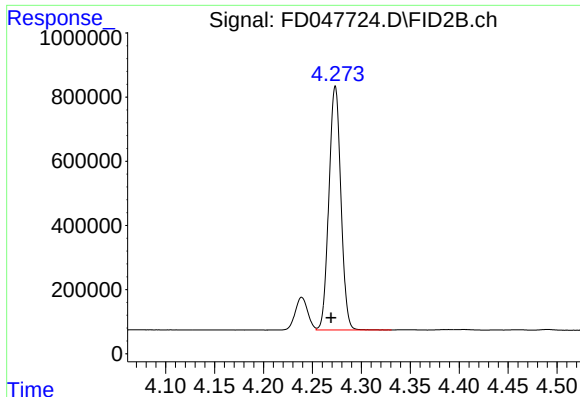
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Signal Info : 20M x 0.18mm x 0.18µm





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

R.T.: 4.273 min
Delta R.T.: 0.004 min
Response: 6482435
Conc: 40.09 ug/ml

Instrument :

FID_D

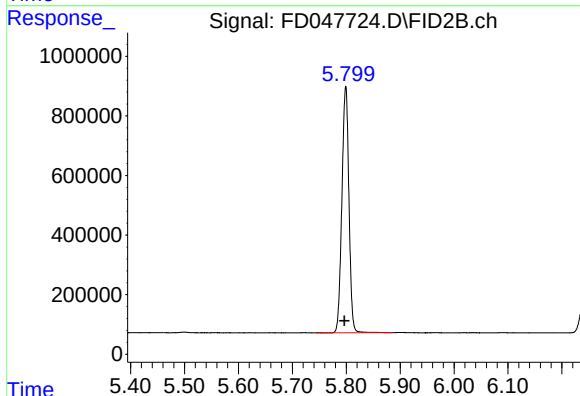
ClientSampleId :

PB160844BS

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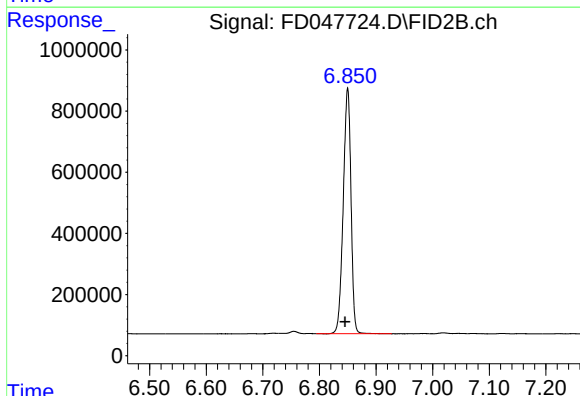
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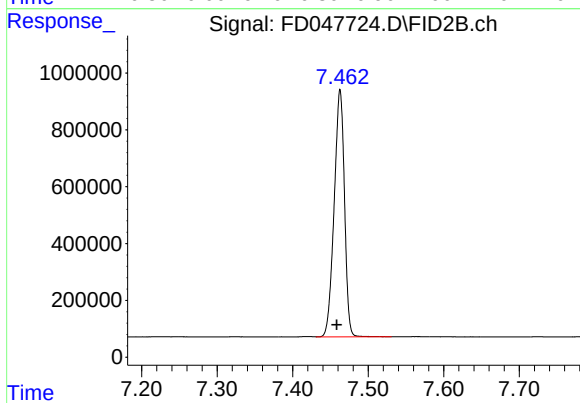
#2 Naphthalene (C11.7)

R.T.: 5.799 min
Delta R.T.: 0.002 min
Response: 7478130
Conc: 44.20 ug/ml



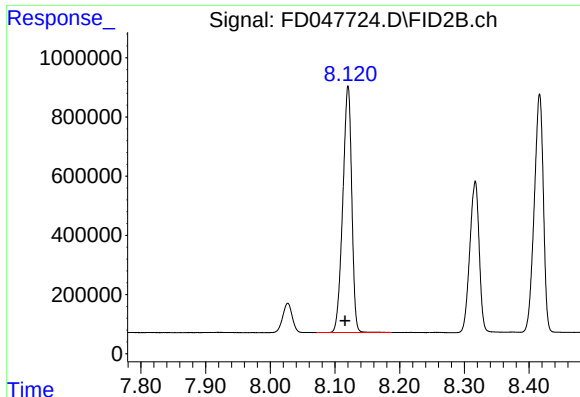
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.850 min
Delta R.T.: 0.004 min
Response: 7643275
Conc: 44.87 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.463 min
Delta R.T.: 0.004 min
Response: 8259474
Conc: 52.67 ug/ml



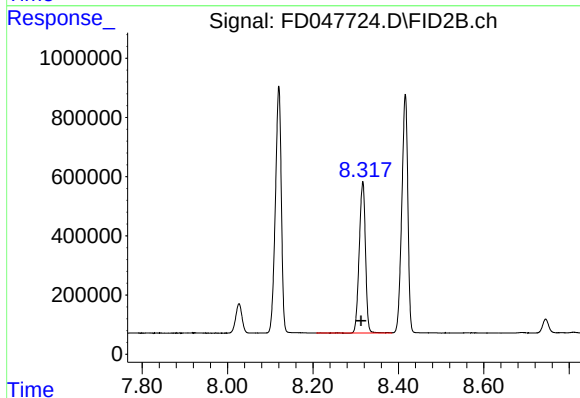
#5 Acenaphthylene (C15.06)

R.T.: 8.120 min
Delta R.T.: 0.004 min
Response: 8025156
Conc: 49.21 ug/ml

Instrument :
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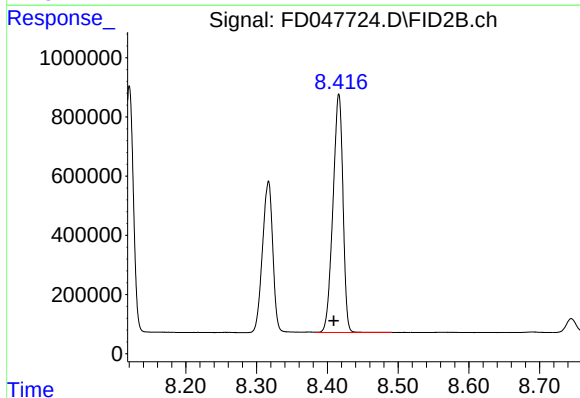
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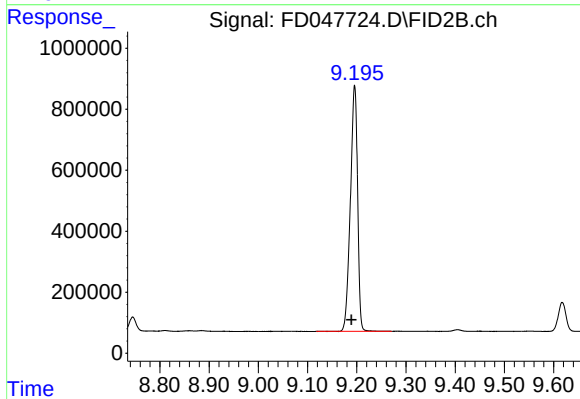
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.316 min
Delta R.T.: 0.004 min
Response: 5159681
Conc: 49.33 ug/ml



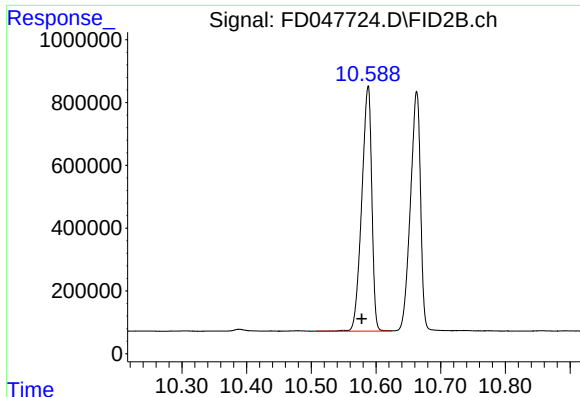
#7 Acenaphthene (C15.5)

R.T.: 8.416 min
Delta R.T.: 0.007 min
Response: 7897103
Conc: 46.98 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.195 min
Delta R.T.: 0.007 min
Response: 8189479
Conc: 49.23 ug/ml



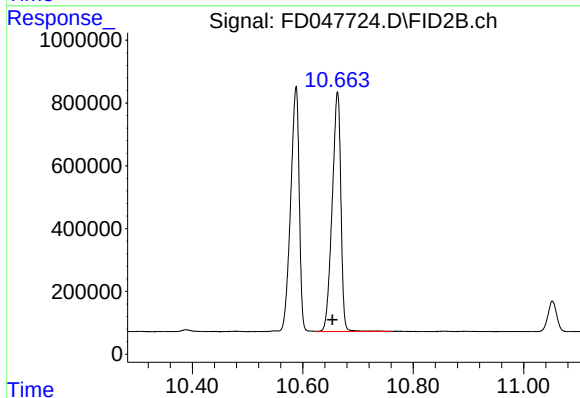
#9 Phenanthrene (C19.36)

R.T.: 10.587 min
Delta R.T.: 0.009 min
Response: 8391044
Conc: 51.25 ug/ml

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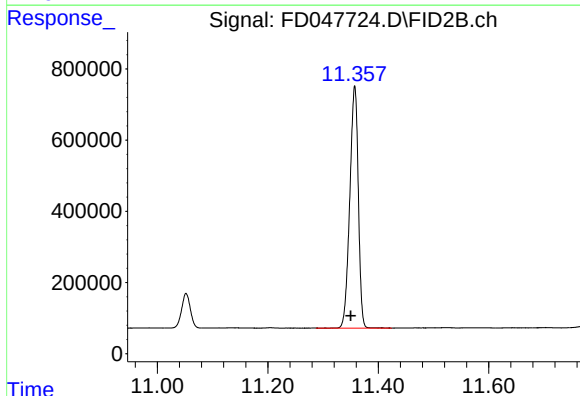
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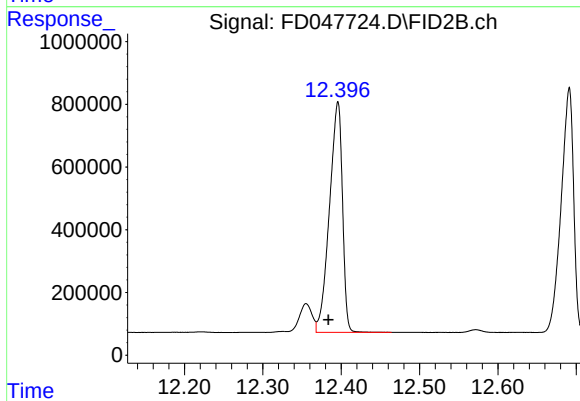
#10 Anthracene (C19.43)

R.T.: 10.663 min
Delta R.T.: 0.009 min
Response: 8326651
Conc: 55.59 ug/ml



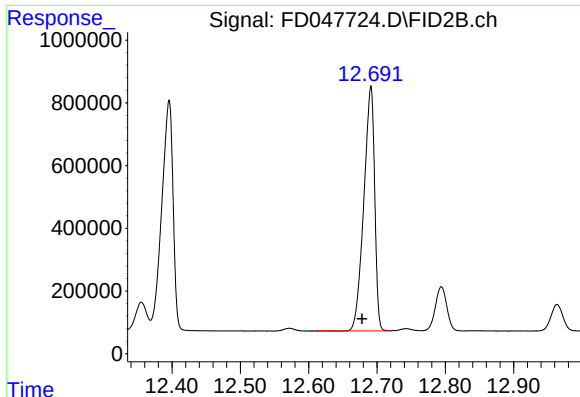
#11 ortho-Terphenyl (SURR)

R.T.: 11.357 min
Delta R.T.: 0.007 min
Response: 7271421
Conc: 38.77 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.395 min
Delta R.T.: 0.012 min
Response: 8484216
Conc: 51.13 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.690 min
Delta R.T.: 0.012 min
Response: 8603586
Conc: 52.88 ug/ml

Instrument :

FID_D

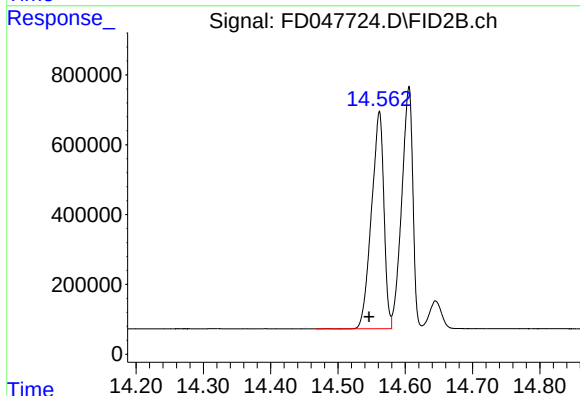
ClientSampleId :

PB160844BS

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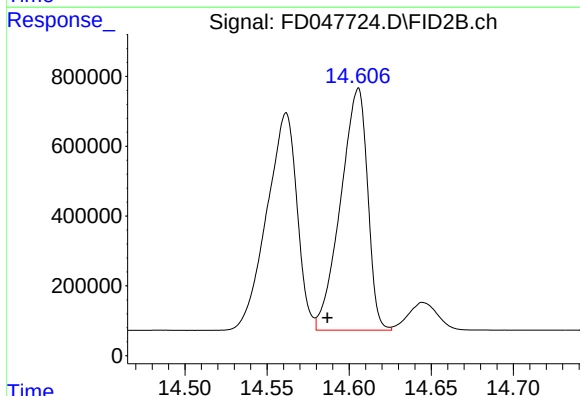
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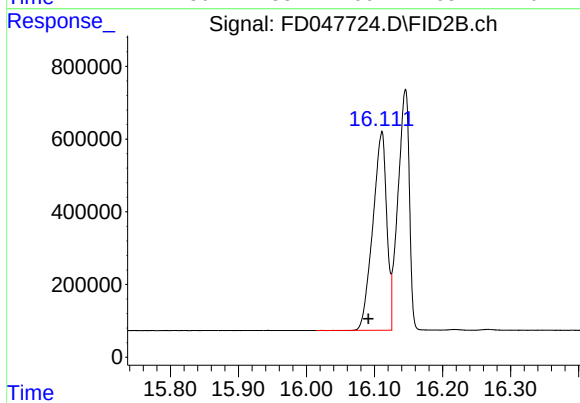
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.561 min
Delta R.T.: 0.015 min
Response: 7990436
Conc: 54.74 ug/ml



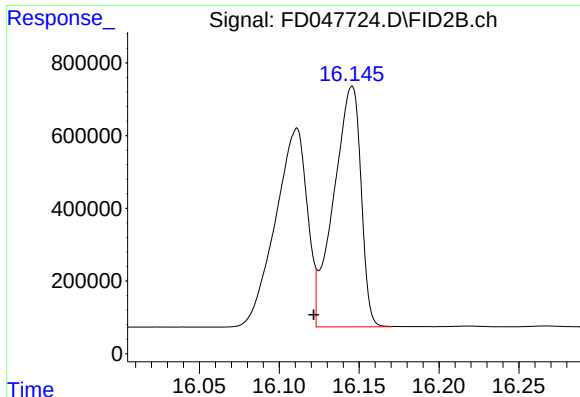
#15 Chrysene (C27.41)

R.T.: 14.605 min
Delta R.T.: 0.018 min
Response: 7928827
Conc: 50.31 ug/ml



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

R.T.: 16.110 min
Delta R.T.: 0.019 min
Response: 7754166
Conc: 51.92 ug/ml



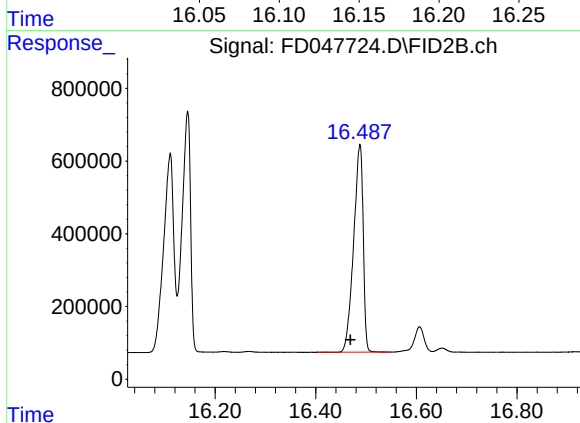
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.145 min
Delta R.T.: 0.024 min
Response: 7793255
Conc: 51.76 ug/ml

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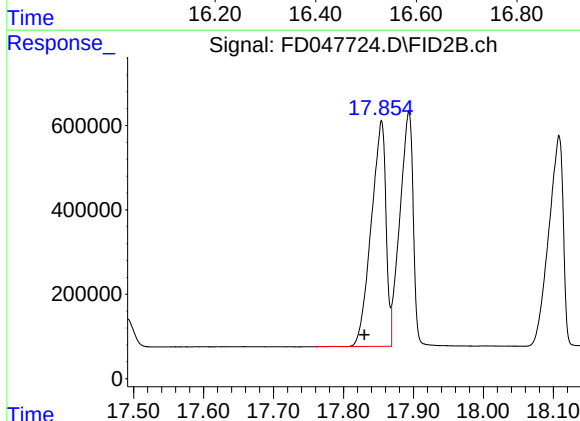
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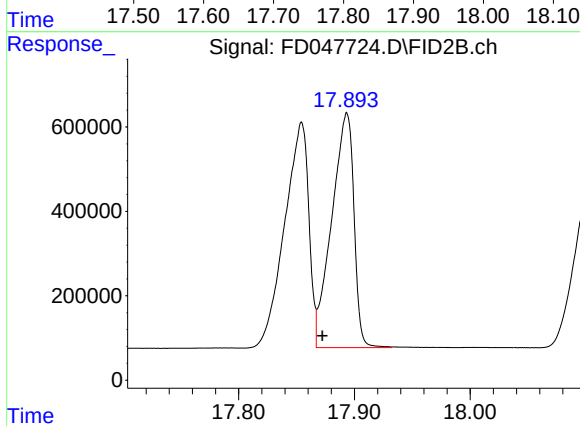
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.487 min
Delta R.T.: 0.018 min
Response: 7512127
Conc: 52.06 ug/ml



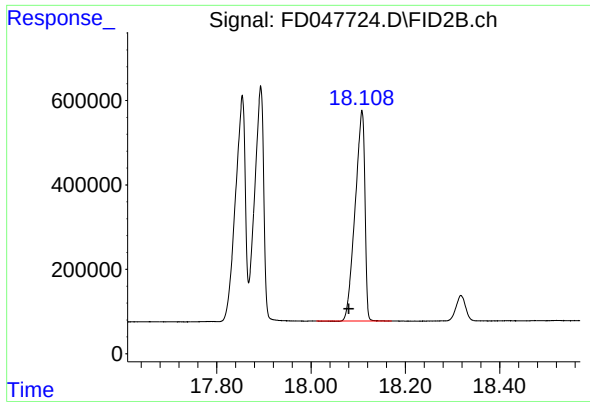
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.854 min
Delta R.T.: 0.024 min
Response: 7850144
Conc: 57.84 ug/ml



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

R.T.: 17.893 min
Delta R.T.: 0.021 min
Response: 7407492
Conc: 51.74 ug/ml m



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

R.T.: 18.107 min
Delta R.T.: 0.027 min
Response: 7157306
Conc: 52.13 ug/ml

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