

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091323AR\
 Data File : FD046468.D
 Signal(s) : FID2B.ch
 Acq On : 13 Sep 2023 16:16
 Operator : YP/AJ
 Sample : PB155523BS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB155523BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 09/14/2023

Supervised By :Ankita Jodhani 09/14/2023

Integration File: autoint1.e

Quant Time: Sep 14 02:58:45 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082223.M

Quant Title : GC Extractables

QLast Update : Tue Aug 22 12:26:56 2023

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...	7.494	8596688	50.902 ug/ml
Spiked Amount 50.000		Recovery =	101.80%
6) S 2-Fluorobiphenyl (SURR)	8.348	5413152	48.640 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	97.28%
11) S ortho-Terphenyl (SURR)	11.387	9608910	48.993 ug/ml
Spiked Amount 50.000		Recovery =	97.99%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.305	5743581	32.686 ug/ml
2) T Naphthalene (C11.7)	5.831	6745141	36.597 ug/ml
3) T 2-Methylnaphthalene (...)	6.881	7071442	38.085 ug/ml
5) T Acenaphthylene (C15.06)	8.151	7518059	44.178 ug/ml
7) T Acenaphthene (C15.5)	8.447	7425646	41.217 ug/ml
8) T Fluorene (C16.55)	9.226	7681304	43.920 ug/ml
9) T Phenanthrene (C19.36)	10.615	7796179	45.439 ug/ml
10) T Anthracene (C19.43)	10.690	7727827	45.809 ug/ml
12) T Fluoranthene (C21.85)	12.419	7917999	47.593 ug/ml
13) T Pyrene (C20.8)	12.714	7944638	49.292 ug/ml
14) T Benzo[a]anthracene (C...	14.578	7197934	51.162 ug/ml
15) T Chrysene (C27.41)	14.623	7235515	48.779 ug/ml
16) T benzo[b]fluoranthene ...	16.120	6821086	50.199 ug/ml
17) T Bnezo[k]fluoranthene ...	16.156	6801214	50.133 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.496	6372451	48.363 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.855	6356010	50.956 ug/mlm
20) T Dibenz[a,h]anthracene...	17.895	5977391	47.702 ug/ml
21) T Benzo[g,h,i]perylene ...	18.109	6062379	47.273 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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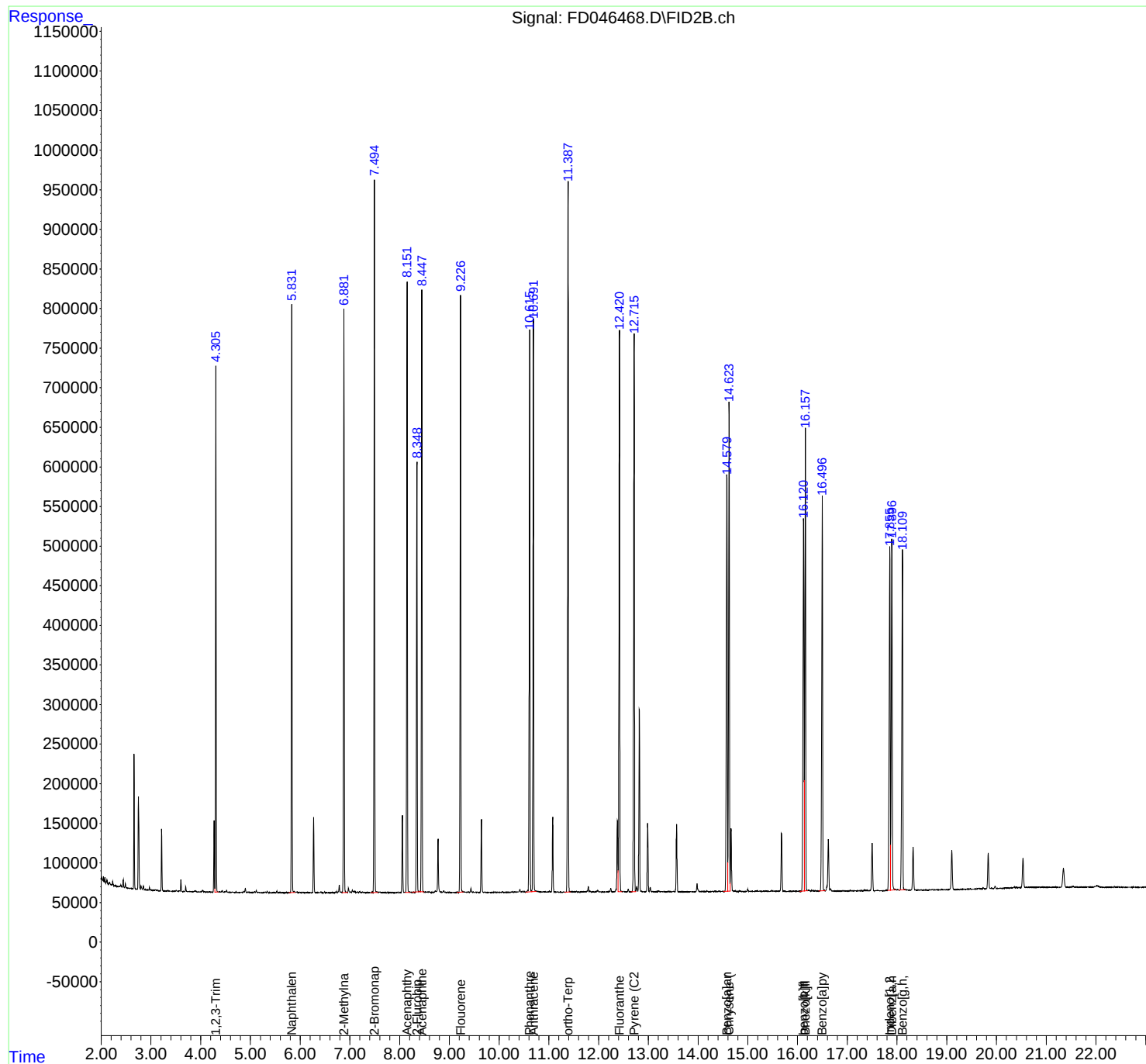
Response via : Initial Calibration

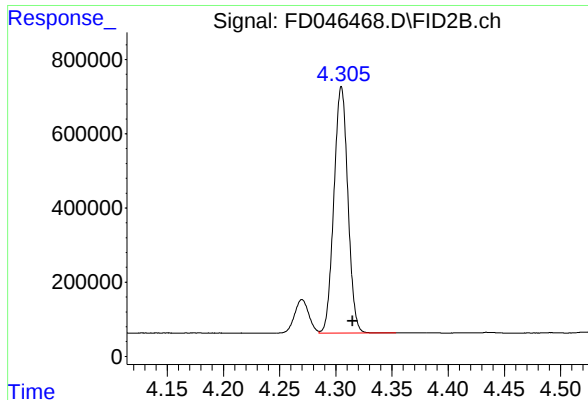
Integrator: ChemStation

Volume Inj. : 1 µl

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18µm





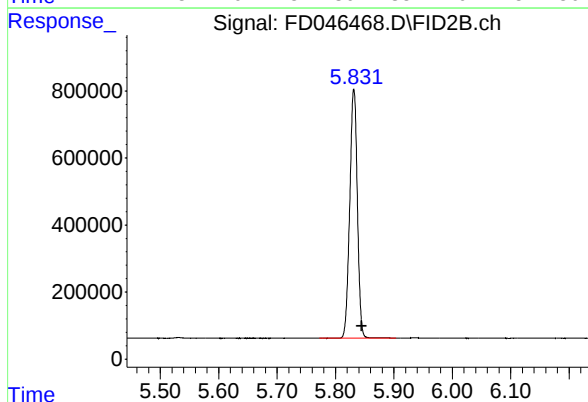
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.305 min
Delta R.T.: -0.010 min
Response: 5743581
Conc: 32.69 ug/ml

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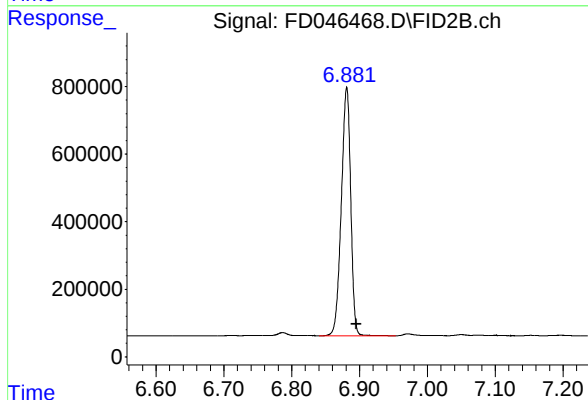
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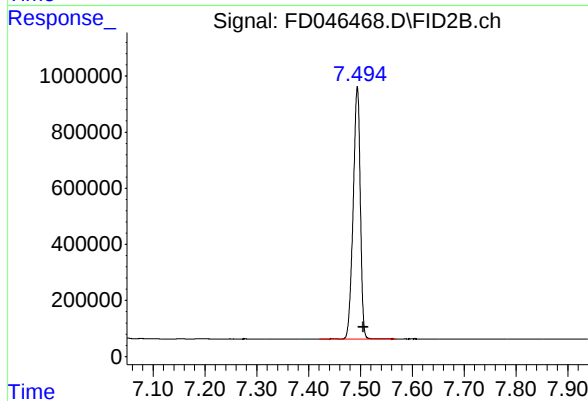
#2 Naphthalene (C11.7)

R.T.: 5.831 min
Delta R.T.: -0.013 min
Response: 6745141
Conc: 36.60 ug/ml



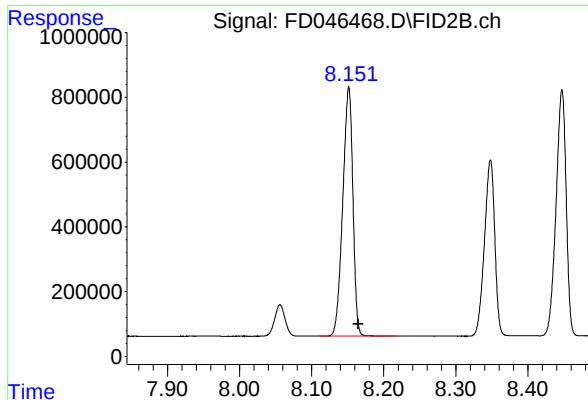
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.881 min
Delta R.T.: -0.014 min
Response: 7071442
Conc: 38.09 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.494 min
Delta R.T.: -0.012 min
Response: 8596688
Conc: 50.90 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.151 min
Delta R.T.: -0.014 min
Response: 7518059
Conc: 44.18 ug/ml

Instrument :

FID_D

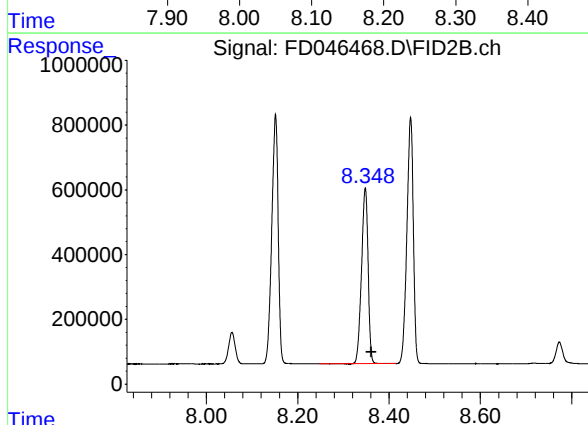
ClientSampleId :

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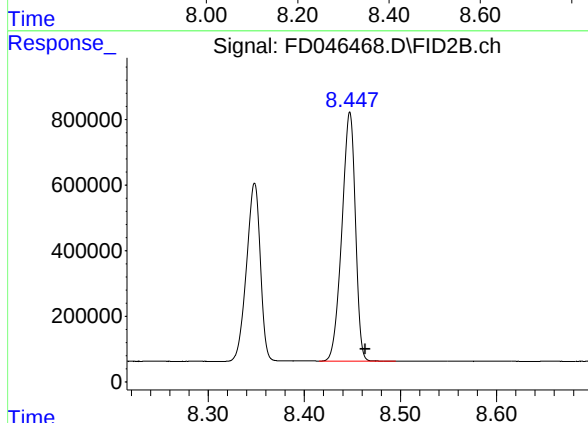
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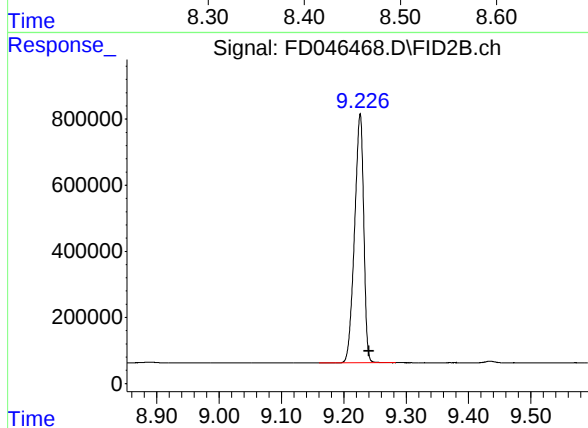
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.348 min
Delta R.T.: -0.013 min
Response: 5413152
Conc: 48.64 ug/ml



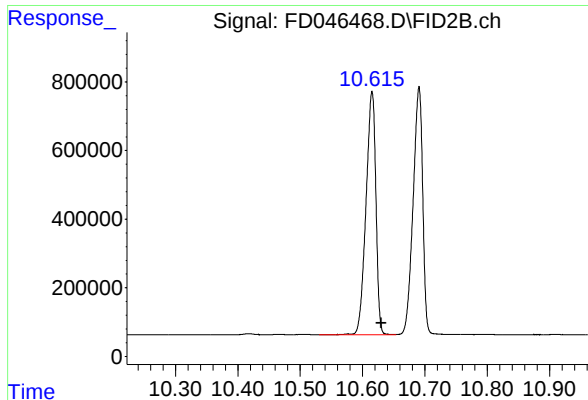
#7 Acenaphthene (C15.5)

R.T.: 8.447 min
Delta R.T.: -0.016 min
Response: 7425646
Conc: 41.22 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.226 min
Delta R.T.: -0.015 min
Response: 7681304
Conc: 43.92 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.615 min
Delta R.T.: -0.015 min
Response: 7796179
Conc: 45.44 ug/ml

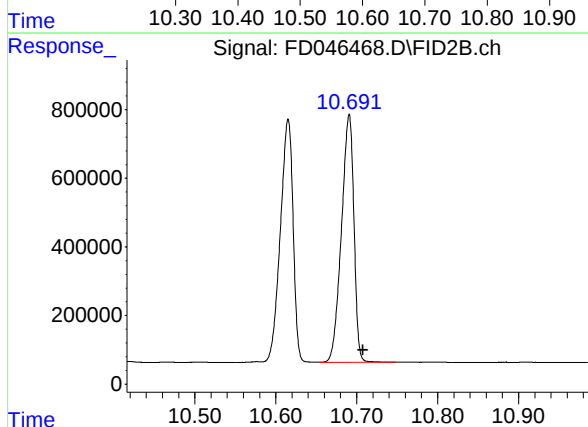
Instrument :

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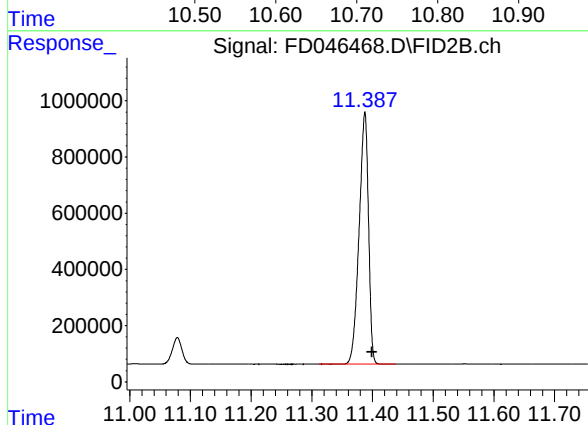
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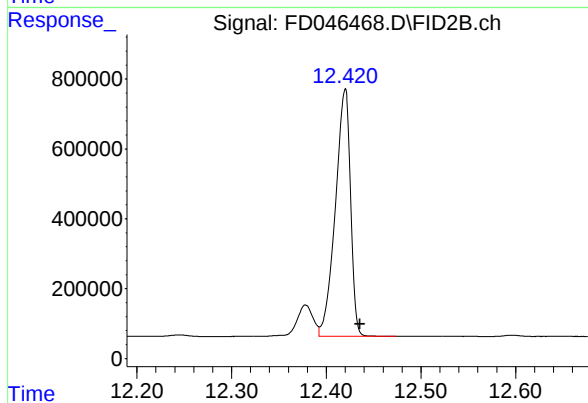
#10 Anthracene (C19.43)

R.T.: 10.690 min
Delta R.T.: -0.018 min
Response: 7727827
Conc: 45.81 ug/ml



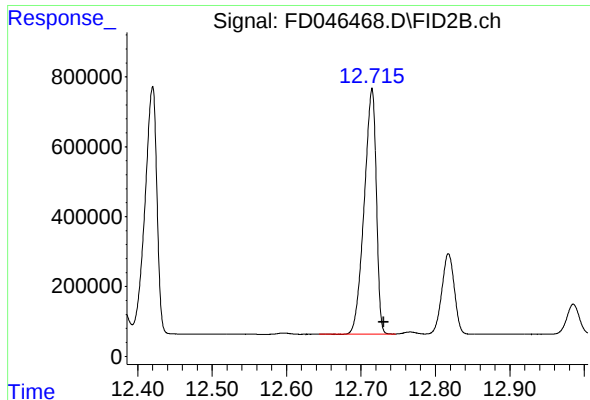
#11 ortho-Terphenyl (SURR)

R.T.: 11.387 min
Delta R.T.: -0.012 min
Response: 9608910
Conc: 48.99 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.419 min
Delta R.T.: -0.016 min
Response: 7917999
Conc: 47.59 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.714 min
Delta R.T.: -0.016 min
Response: 7944638
Conc: 49.29 ug/ml

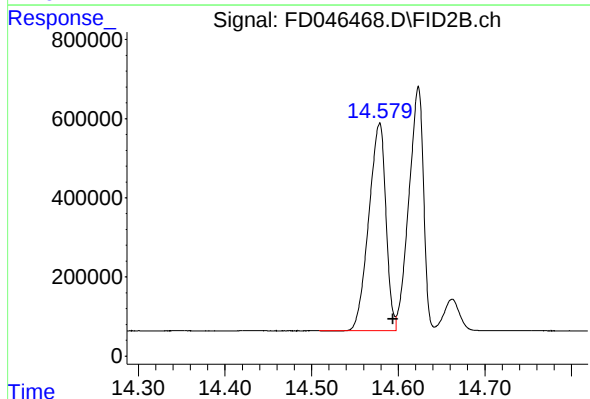
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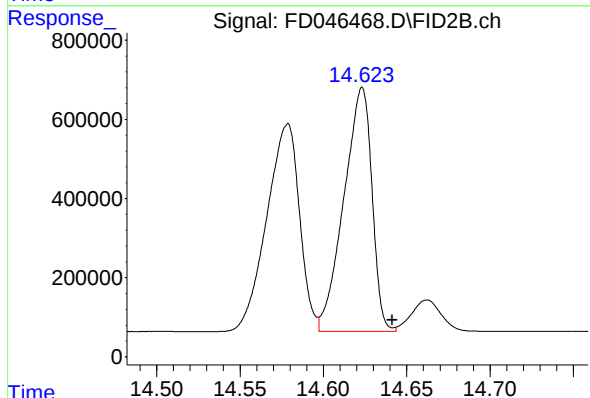
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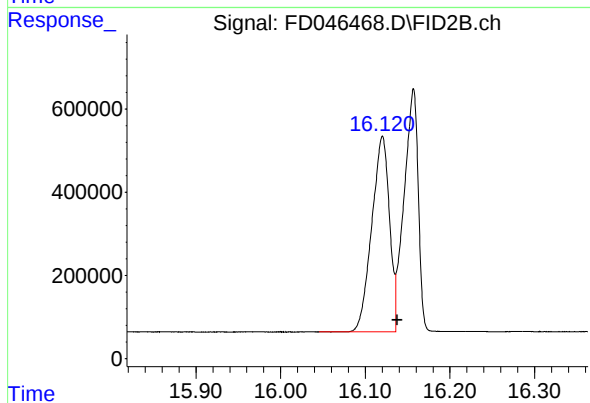
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.578 min
Delta R.T.: -0.016 min
Response: 7197934
Conc: 51.16 ug/ml



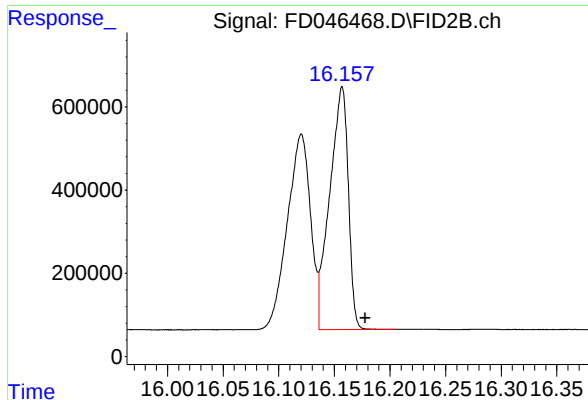
#15 Chrysene (C27.41)

R.T.: 14.623 min
Delta R.T.: -0.019 min
Response: 7235515
Conc: 48.78 ug/ml



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

R.T.: 16.120 min
Delta R.T.: -0.017 min
Response: 6821086
Conc: 50.20 ug/ml



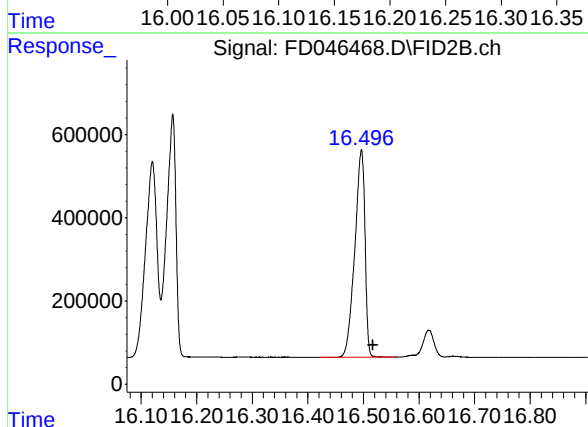
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.156 min
Delta R.T.: -0.021 min
Response: 6801214
Conc: 50.13 ug/ml

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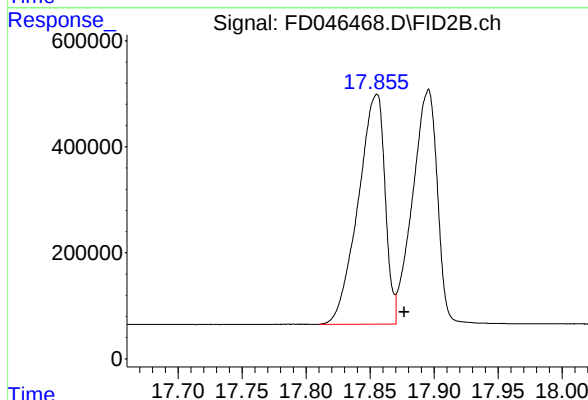
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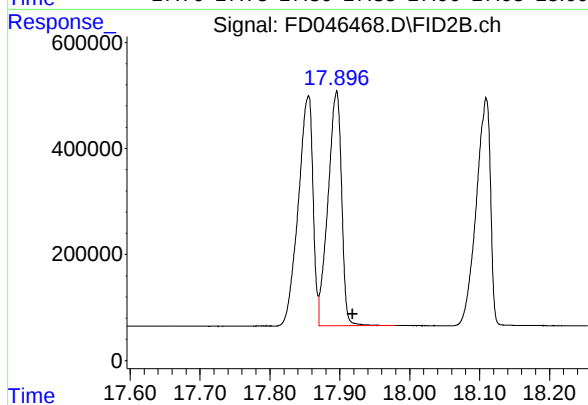
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.496 min
Delta R.T.: -0.021 min
Response: 6372451
Conc: 48.36 ug/ml



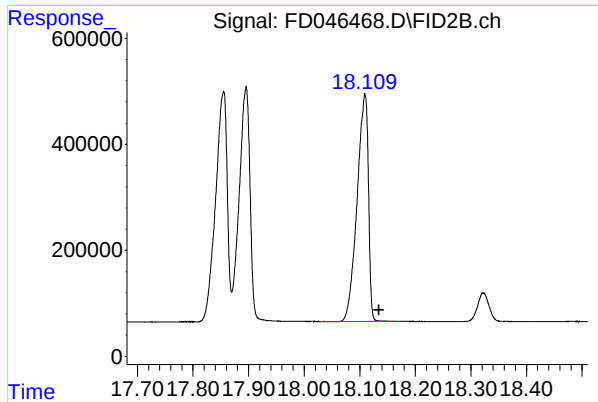
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.855 min
Delta R.T.: -0.022 min
Response: 6356010
Conc: 50.96 ug/ml m



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

R.T.: 17.895 min
Delta R.T.: -0.024 min
Response: 5977391
Conc: 47.70 ug/ml



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

R.T.: 18.109 min
Delta R.T.: -0.026 min
Response: 6062379
Conc: 47.27 ug/ml

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