

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091123AR\
 Data File : FD046456.D
 Signal(s) : FID2B.ch
 Acq On : 11 Sep 2023 21:14
 Operator : YP/AJ
 Sample : 04292-01MS
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

WASTEMS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 09/12/2023

Supervised By :Ankita Jodhani 09/12/2023

Integration File: autoint1.e

Quant Time: Sep 12 01:10:00 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...	7.495	10069009	59.620 ug/ml
Spiked Amount 50.000		Recovery =	119.24%
6) S 2-Fluorobiphenyl (SURR)	8.350	6537591	58.744 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	117.49%
11) S ortho-Terphenyl (SURR)	11.386	8254419	42.087 ug/ml
Spiked Amount 50.000		Recovery =	84.17%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.307	6838101	38.914 ug/ml
2) T Naphthalene (C11.7)	5.833	7998854	43.399 ug/ml
3) T 2-Methylnaphthalene (...)	6.882	8378162	45.123 ug/ml
5) T Acenaphthylene (C15.06)	8.153	8882823	52.197 ug/ml
7) T Acenaphthene (C15.5)	8.449	8828962	49.006 ug/ml
8) T Flouorene (C16.55)	9.228	9076464	51.897 ug/ml
9) T Phenanthrene (C19.36)	10.617	9121330	53.162 ug/ml
10) T Anthracene (C19.43)	10.693	8942635	53.010 ug/ml
12) T Fluoranthene (C21.85)	12.421	9010611	54.160 ug/ml
13) T Pyrene (C20.8)	12.716	9002564	55.856 ug/ml
14) T Benzo[a]anthracene (C...	14.579	8045330	57.186 ug/ml
15) T Chrysene (C27.41)	14.624	7942622	53.546 ug/ml
16) T benzo[b]fluoranthene ...	16.122	7658282	56.360 ug/ml
17) T Bnezo[k]fluoranthene ...	16.157	7457312	54.969 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.498	7045247	53.470 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.856	7114450	57.037 ug/ml
20) T Dibenz[a,h]anthracene...	17.897	6498875	51.864 ug/ml
21) T Benzo[g,h,i]perylene ...	18.110	6758850	52.704 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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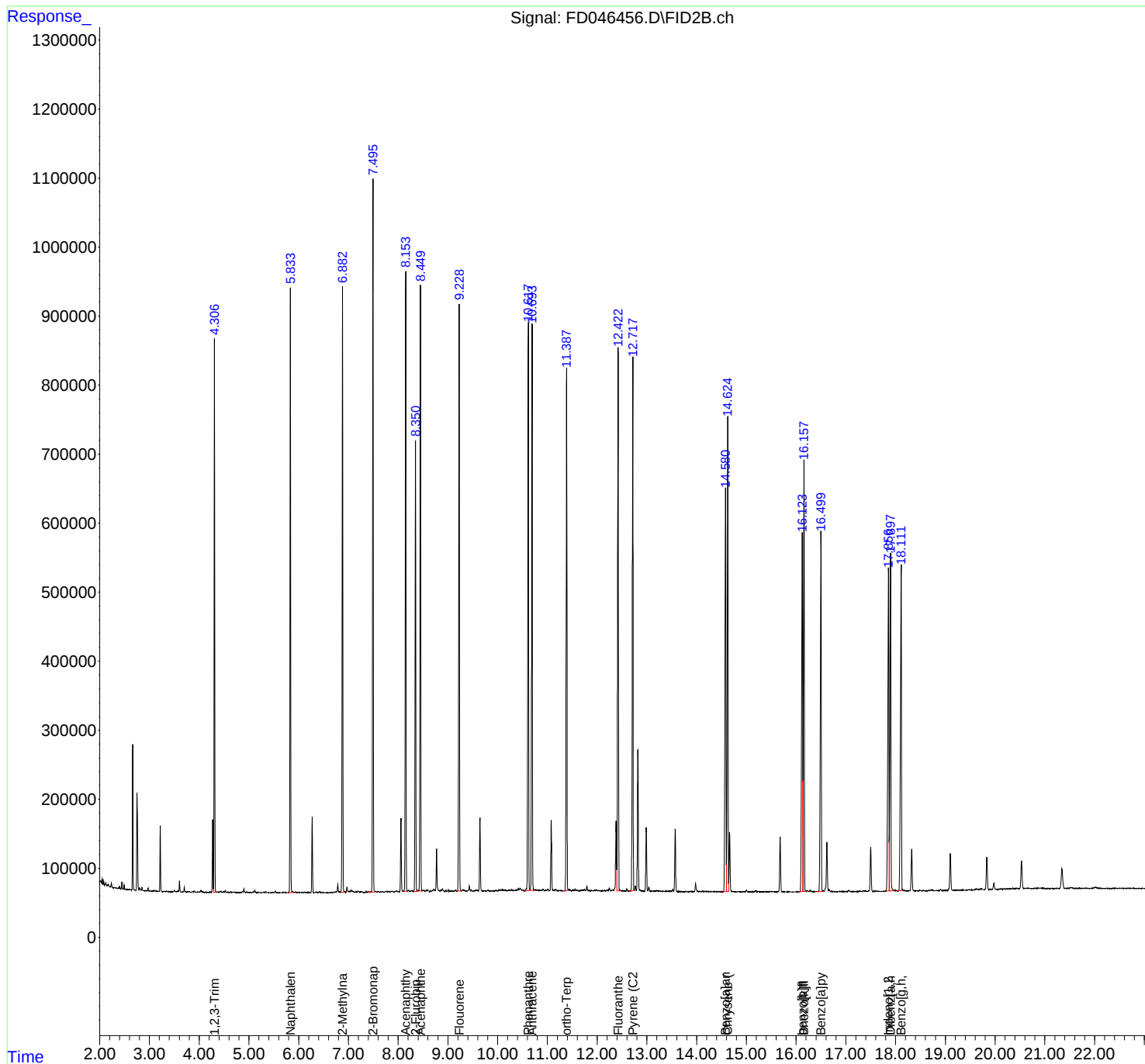
Response via : Initial Calibration

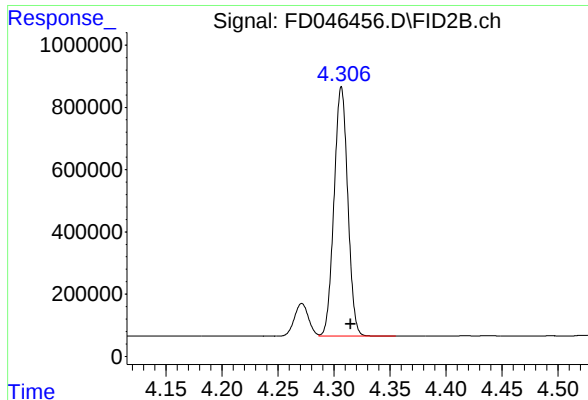
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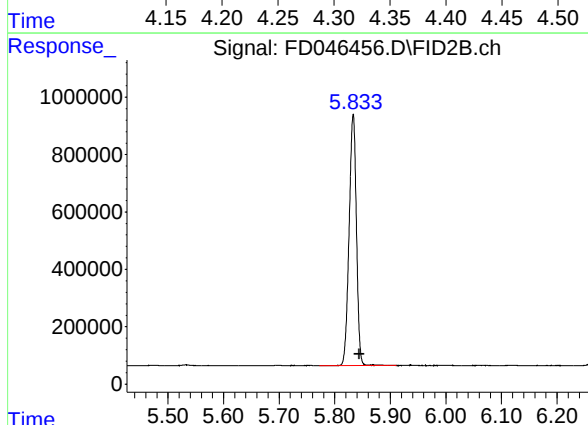
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.307 min
Delta R.T.: -0.008 min
Response: 6838101
Conc: 38.91 ug/ml

Instrument :
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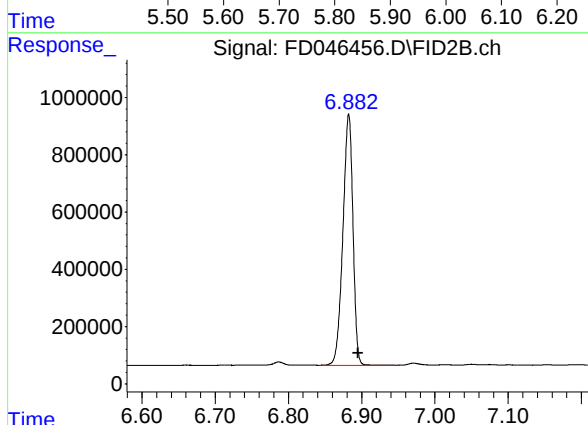
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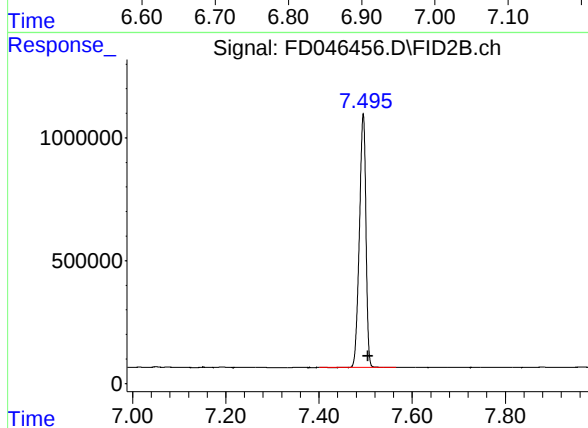
#2 Naphthalene (C11.7)

R.T.: 5.833 min
Delta R.T.: -0.011 min
Response: 7998854
Conc: 43.40 ug/ml



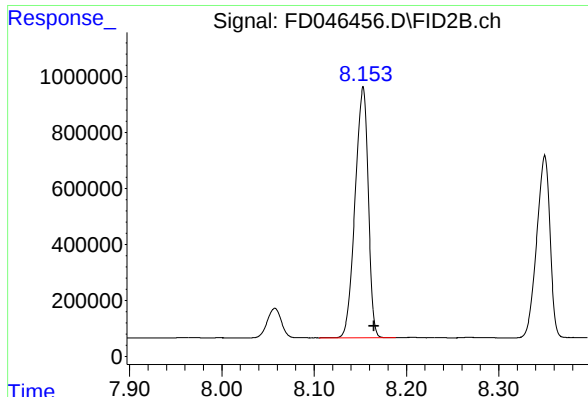
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.882 min
Delta R.T.: -0.013 min
Response: 8378162
Conc: 45.12 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.495 min
Delta R.T.: -0.011 min
Response: 10069009
Conc: 59.62 ug/ml



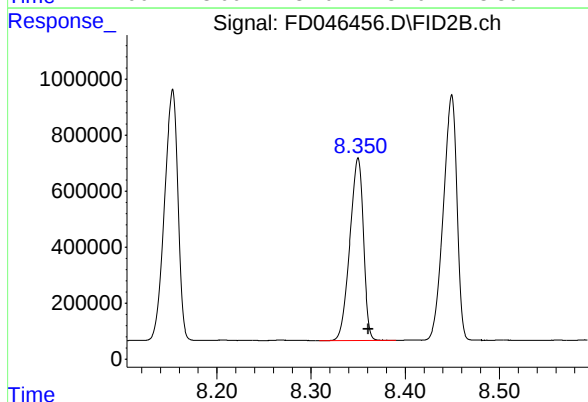
#5 Acenaphthylene (C15.06)

R.T.: 8.153 min
Delta R.T.: -0.012 min
Response: 8882823
Conc: 52.20 ug/ml

Instrument :
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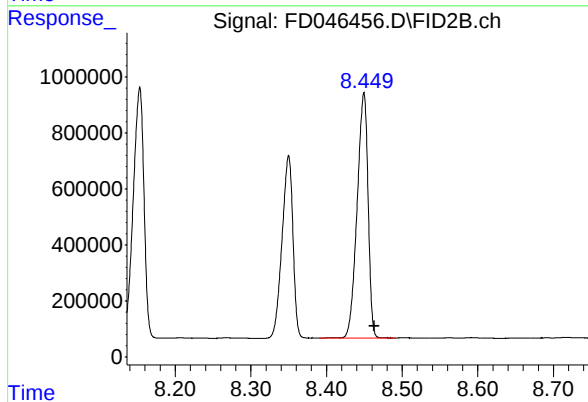
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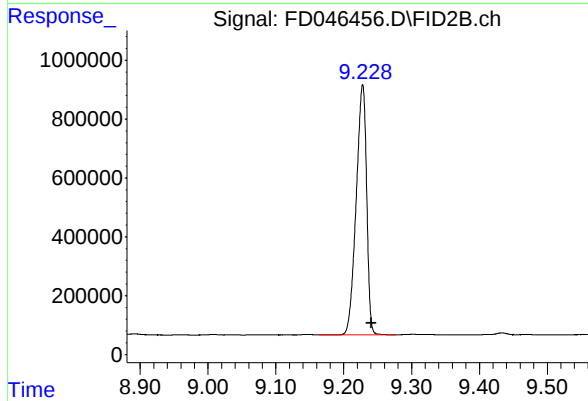
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.350 min
Delta R.T.: -0.011 min
Response: 6537591
Conc: 58.74 ug/ml



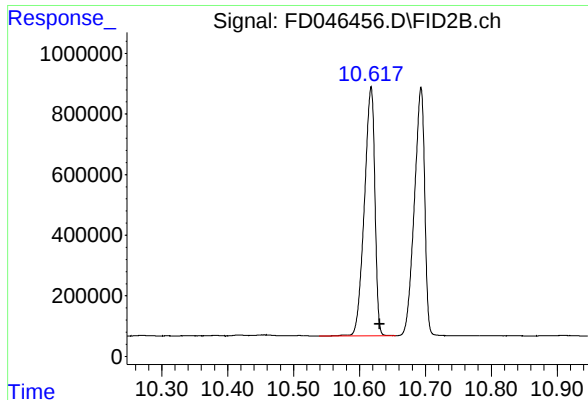
#7 Acenaphthene (C15.5)

R.T.: 8.449 min
Delta R.T.: -0.014 min
Response: 8828962
Conc: 49.01 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.228 min
Delta R.T.: -0.013 min
Response: 9076464
Conc: 51.90 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.617 min
Delta R.T.: -0.013 min
Response: 9121330
Conc: 53.16 ug/ml

Instrument :

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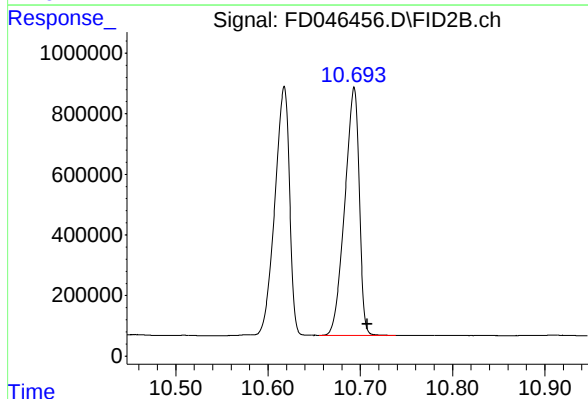
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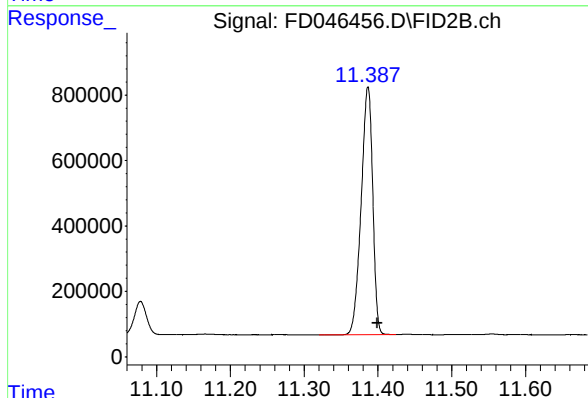
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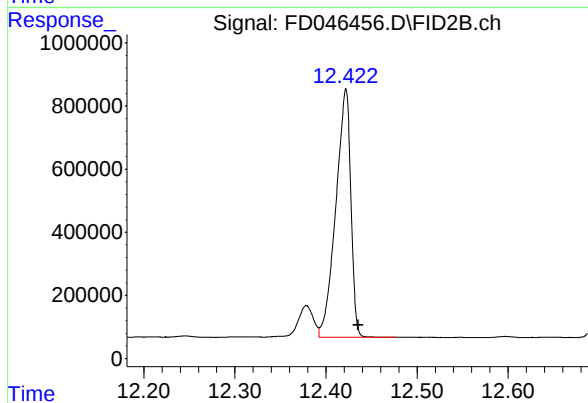
#10 Anthracene (C19.43)

R.T.: 10.693 min
Delta R.T.: -0.015 min
Response: 8942635
Conc: 53.01 ug/ml



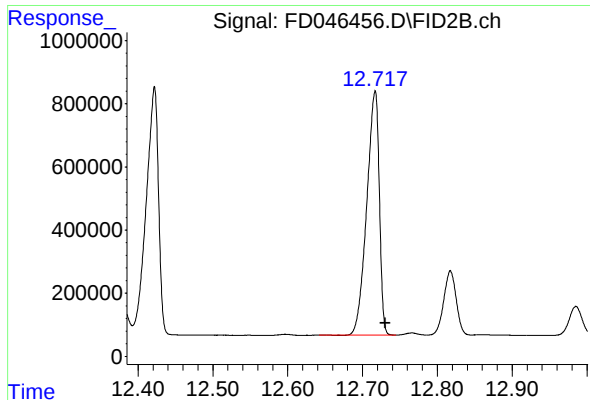
#11 ortho-Terphenyl (SURRE)

R.T.: 11.386 min
Delta R.T.: -0.013 min
Response: 8254419
Conc: 42.09 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.421 min
Delta R.T.: -0.015 min
Response: 9010611
Conc: 54.16 ug/ml



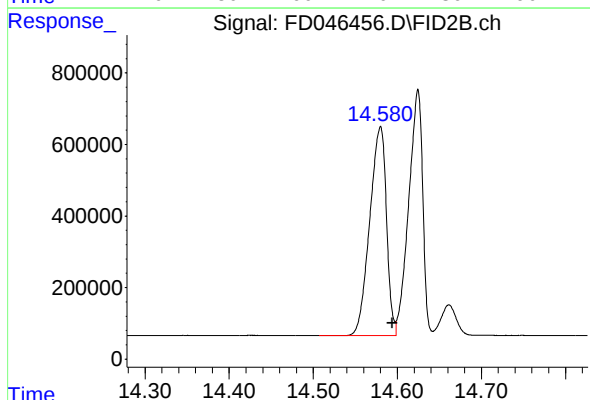
#13 Pyrene (C20.8)

R.T.: 12.716 min
Delta R.T.: -0.014 min
Response: 9002564
Conc: 55.86 ug/ml

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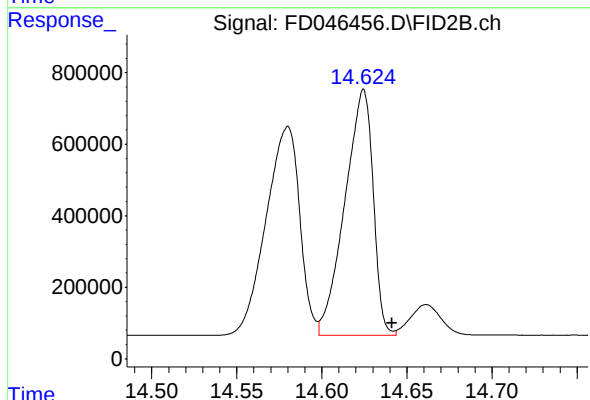
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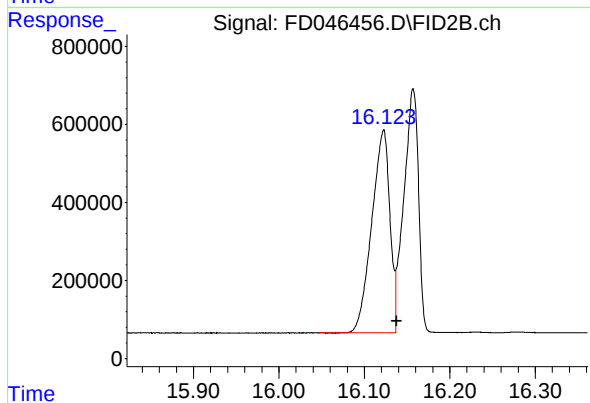
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.579 min
Delta R.T.: -0.015 min
Response: 8045330
Conc: 57.19 ug/ml



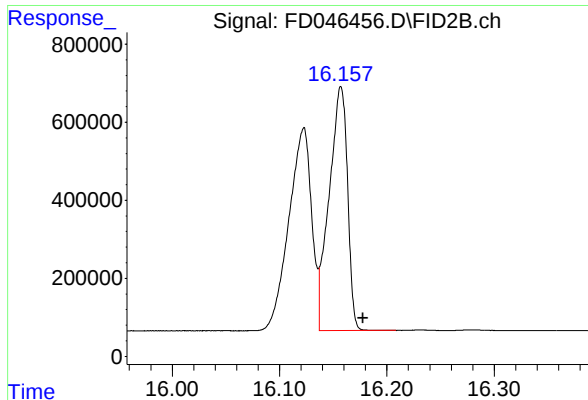
#15 Chrysene (C27.41)

R.T.: 14.624 min
Delta R.T.: -0.017 min
Response: 7942622
Conc: 53.55 ug/ml



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

R.T.: 16.122 min
Delta R.T.: -0.016 min
Response: 7658282
Conc: 56.36 ug/ml



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

R.T.: 16.157 min
Delta R.T.: -0.021 min
Response: 7457312
Conc: 54.97 ug/ml

Instrument :

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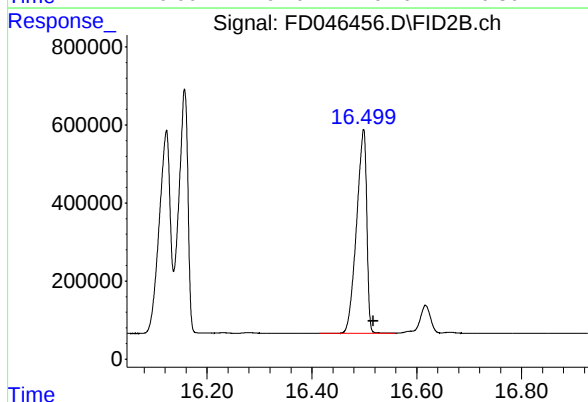
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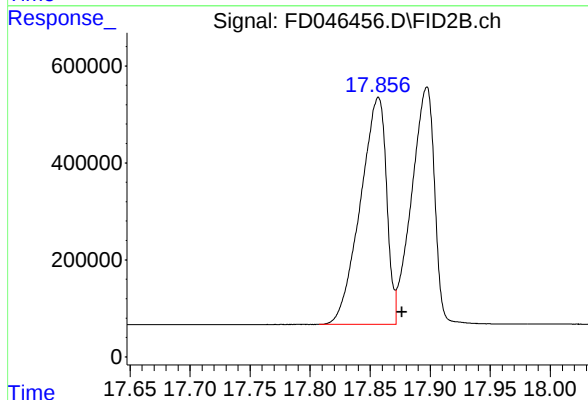
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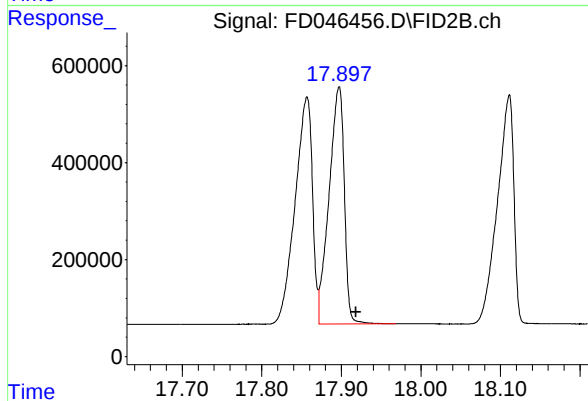
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.498 min
Delta R.T.: -0.019 min
Response: 7045247
Conc: 53.47 ug/ml



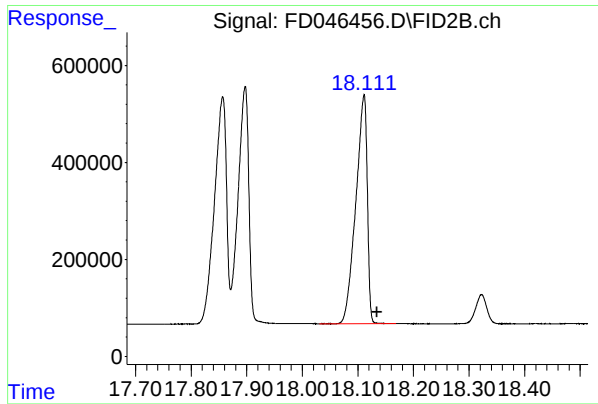
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.856 min
Delta R.T.: -0.020 min
Response: 7114450
Conc: 57.04 ug/ml m



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

R.T.: 17.897 min
Delta R.T.: -0.022 min
Response: 6498875
Conc: 51.86 ug/ml



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

R.T.: 18.110 min
Delta R.T.: -0.024 min
Response: 6758850
Conc: 52.70 ug/ml

Instrument :

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