

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091123AR\
 Data File : FD046452.D
 Signal(s) : FID2B.ch
 Acq On : 11 Sep 2023 17:58
 Operator : YP/AJ
 Sample : PB155445BS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB155445BS

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 01:09:27 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	8288359	49.077 ug/ml
Spiked Amount 50.000		Recovery =	98.15%
6) S 2-Fluorobiphenyl (SURR)	8.348	5259297	47.258 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	94.52%
11) S ortho-Terphenyl (SURR)	11.387	9292688	47.381 ug/ml
Spiked Amount 50.000		Recovery =	94.76%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.306	5557255	31.625 ug/ml
2) T Naphthalene (C11.7)	5.832	6532243	35.442 ug/ml
3) T 2-Methylnaphthalene (...)	6.881	6843825	36.859 ug/ml
5) T Acenaphthylene (C15.06)	8.152	7261415	42.670 ug/ml
7) T Acenaphthene (C15.5)	8.448	7193034	39.926 ug/ml
8) T Flouorene (C16.55)	9.226	7416768	42.407 ug/ml
9) T Phenanthrene (C19.36)	10.616	7526974	43.870 ug/ml
10) T Anthracene (C19.43)	10.691	7460583	44.225 ug/ml
12) T Fluoranthene (C21.85)	12.420	7620107	45.802 ug/ml
13) T Pyrene (C20.8)	12.715	7643909	47.427 ug/ml
14) T Benzo[a]anthracene (C...	14.579	6882632	48.921 ug/ml
15) T Chrysene (C27.41)	14.623	6911515	46.594 ug/ml
16) T benzo[b]fluoranthene ...	16.120	6514814	47.945 ug/ml
17) T Bnezo[k]fluoranthene ...	16.156	6481016	47.773 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.496	6068674	46.058 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.856	6036751	48.397 ug/mlm
20) T Dibenz[a,h]anthracene...	17.895	5570311	44.453 ug/ml
21) T Benzo[g,h,i]perylene ...	18.108	5779870	45.070 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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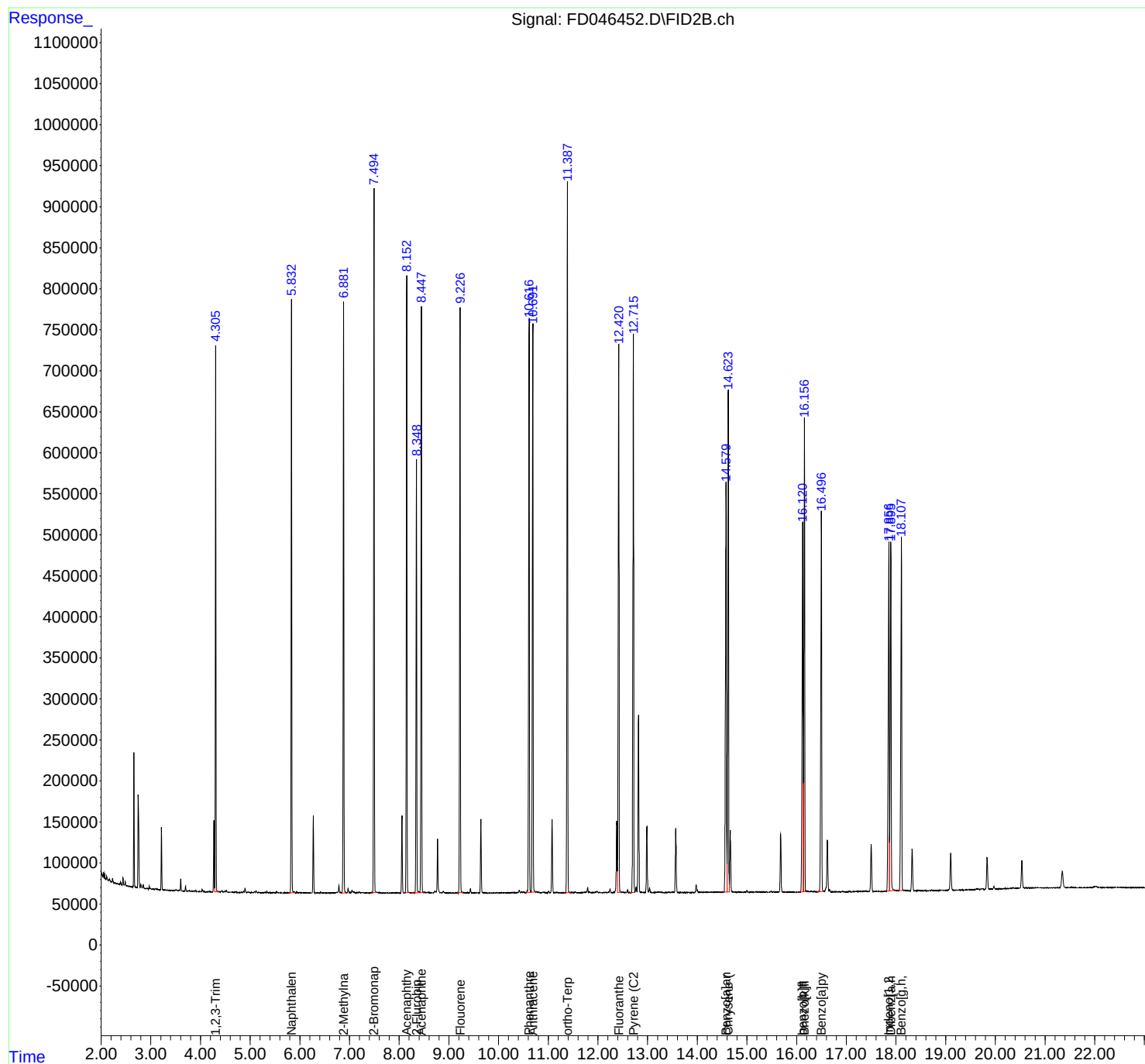
Response via : Initial Calibration

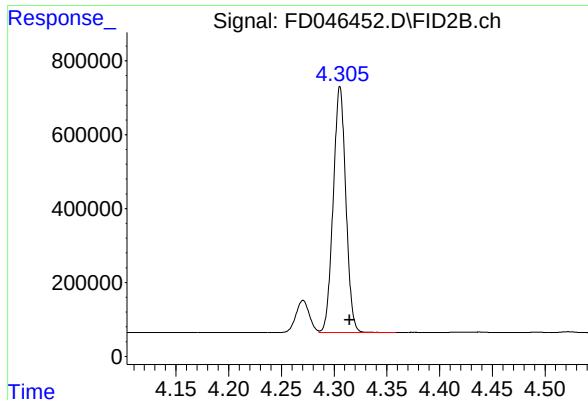
Integrator: ChemStation

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.: 4.306 min
Delta R.T.: -0.009 min
Response: 5557255
Conc: 31.63 ug/ml

Instrument :

FID_D

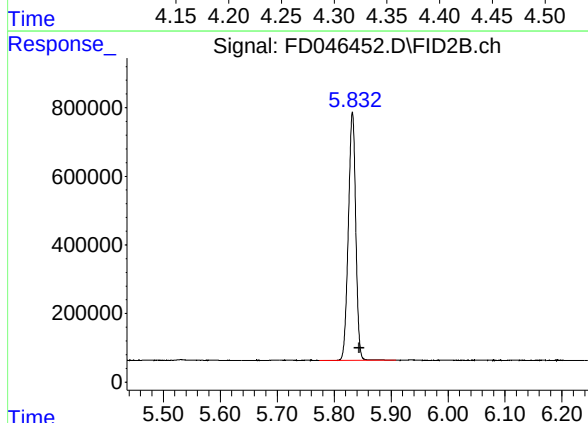
ClientSampleId :

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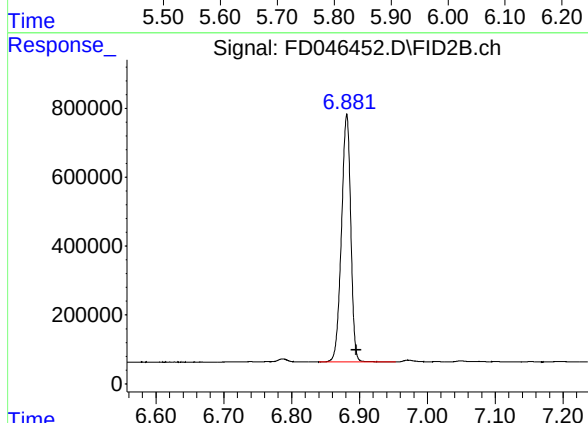
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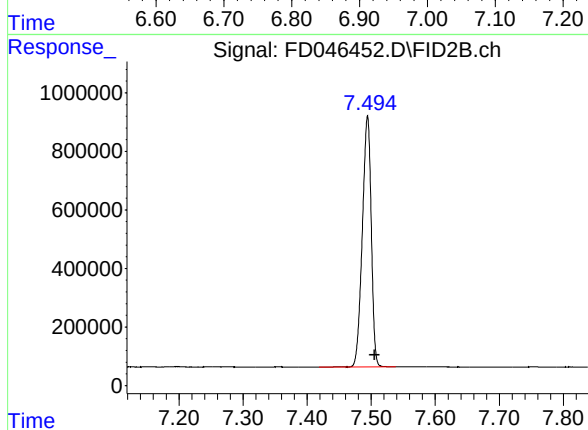
#2 Naphthalene (C11.7)

R.T.: 5.832 min
Delta R.T.: -0.012 min
Response: 6532243
Conc: 35.44 ug/ml



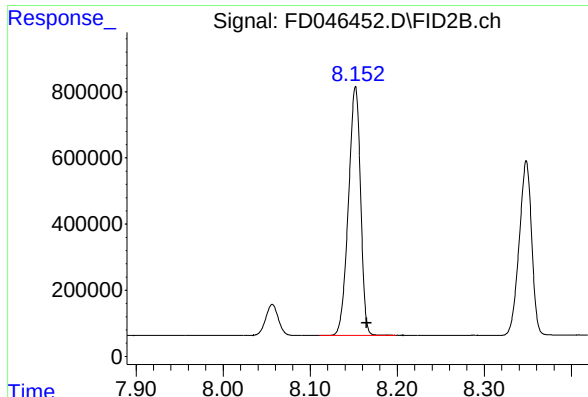
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.881 min
Delta R.T.: -0.014 min
Response: 6843825
Conc: 36.86 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.494 min
Delta R.T.: -0.012 min
Response: 8288359
Conc: 49.08 ug/ml



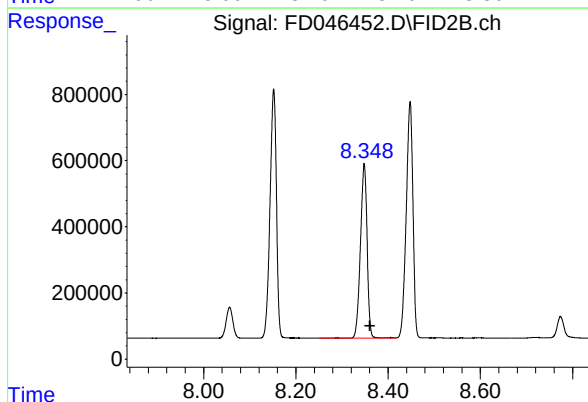
#5 Acenaphthylene (C15.06)

R.T.: 8.152 min
Delta R.T.: -0.013 min
Response: 7261415
Conc: 42.67 ug/ml

Instrument :
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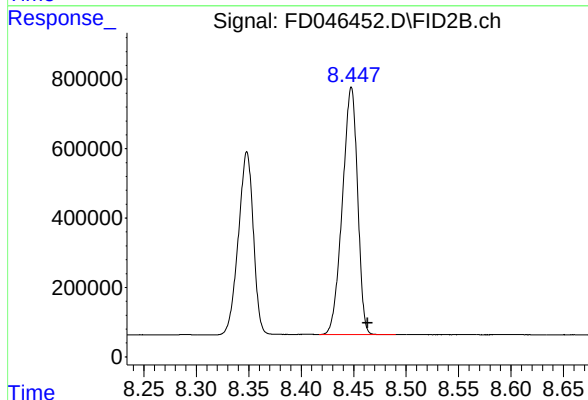
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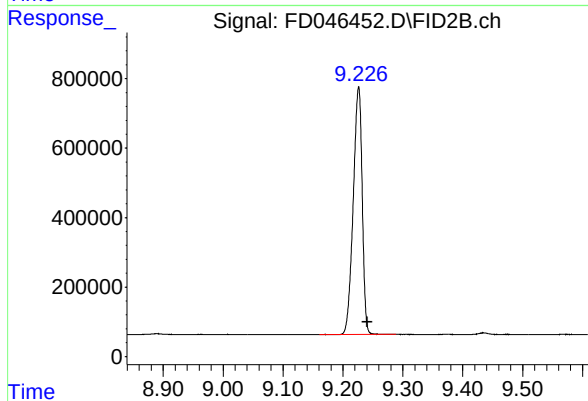
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.348 min
Delta R.T.: -0.013 min
Response: 5259297
Conc: 47.26 ug/ml



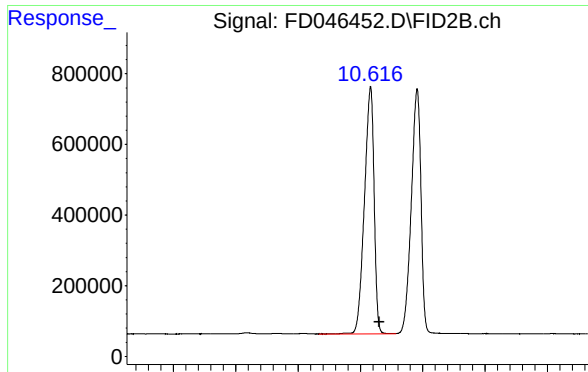
#7 Acenaphthene (C15.5)

R.T.: 8.448 min
Delta R.T.: -0.016 min
Response: 7193034
Conc: 39.93 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.226 min
Delta R.T.: -0.015 min
Response: 7416768
Conc: 42.41 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.616 min
Delta R.T.: -0.015 min
Response: 7526974
Conc: 43.87 ug/ml

Instrument :

FID_D

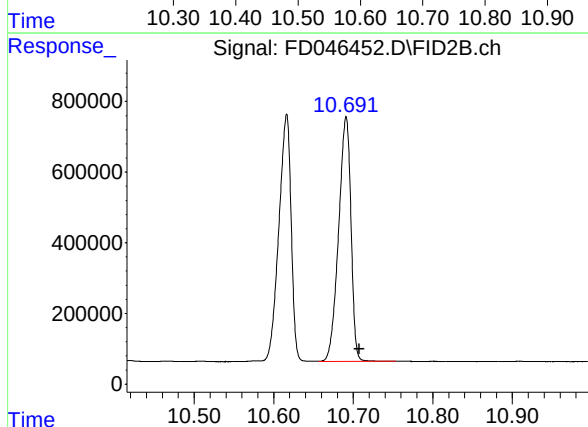
ClientSampleId :

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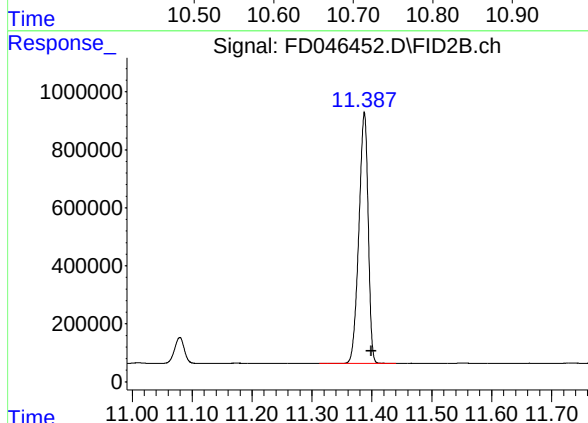
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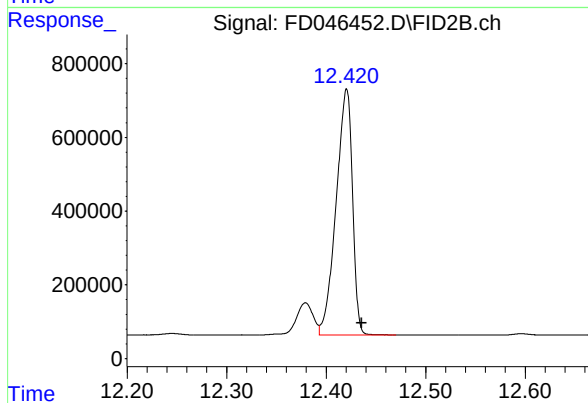
#10 Anthracene (C19.43)

R.T.: 10.691 min
Delta R.T.: -0.017 min
Response: 7460583
Conc: 44.23 ug/ml



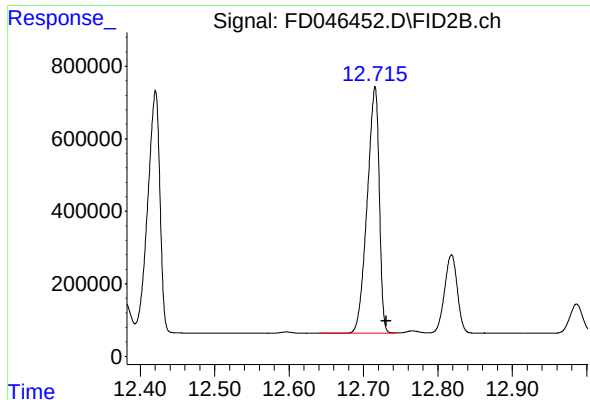
#11 ortho-Terphenyl (SURR)

R.T.: 11.387 min
Delta R.T.: -0.012 min
Response: 9292688
Conc: 47.38 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.420 min
Delta R.T.: -0.016 min
Response: 7620107
Conc: 45.80 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.715 min
Delta R.T.: -0.016 min
Response: 7643909
Conc: 47.43 ug/ml

Instrument :

FID_D

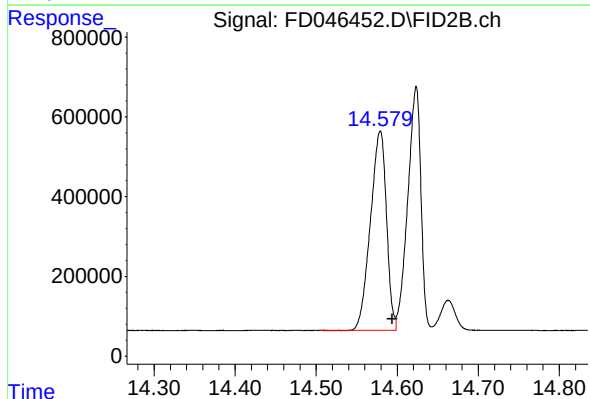
ClientSampleId :

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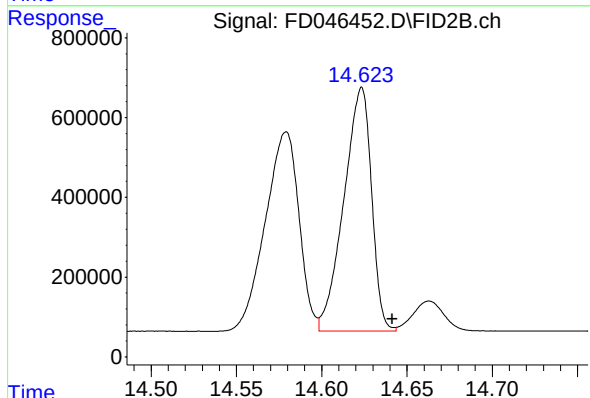
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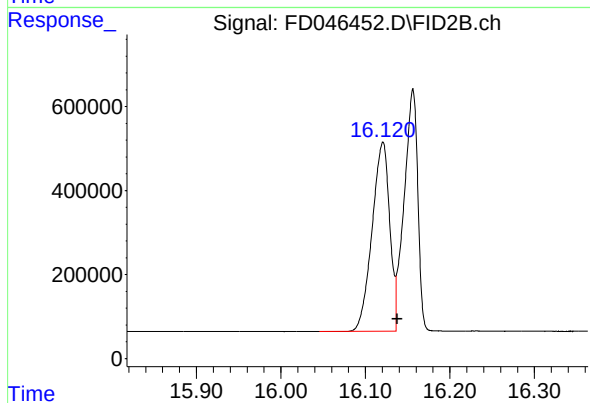
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.579 min
Delta R.T.: -0.015 min
Response: 6882632
Conc: 48.92 ug/ml



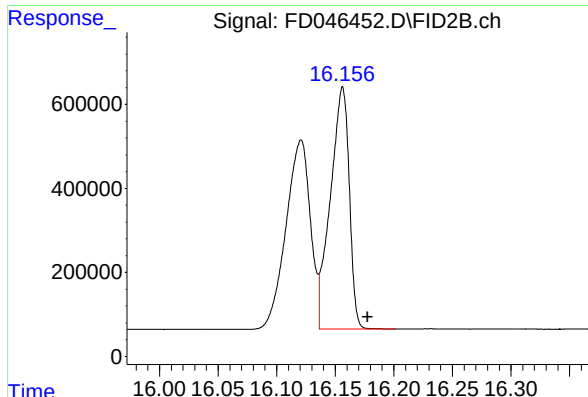
#15 Chrysene (C27.41)

R.T.: 14.623 min
Delta R.T.: -0.018 min
Response: 6911515
Conc: 46.59 ug/ml



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

R.T.: 16.120 min
Delta R.T.: -0.017 min
Response: 6514814
Conc: 47.95 ug/ml



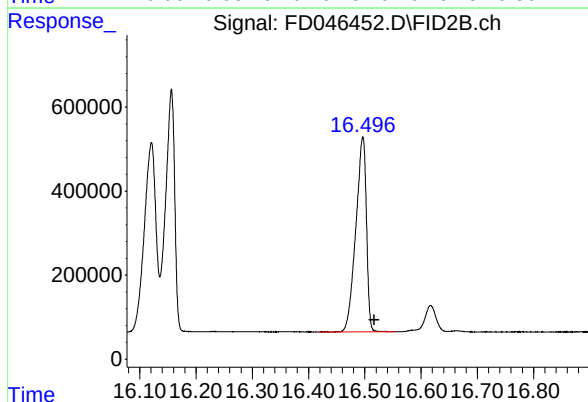
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.156 min
Delta R.T.: -0.022 min
Response: 6481016
Conc: 47.77 ug/ml

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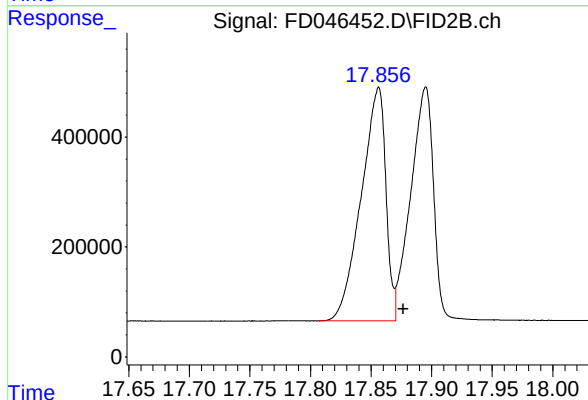
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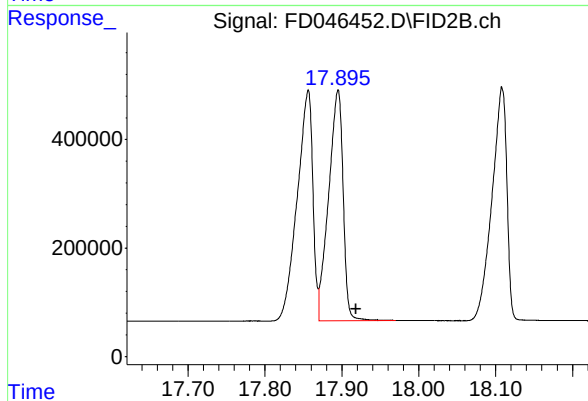
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.496 min
Delta R.T.: -0.021 min
Response: 6068674
Conc: 46.06 ug/ml



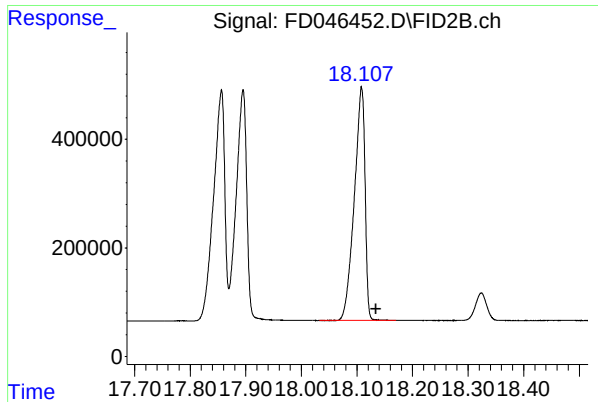
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.856 min
Delta R.T.: -0.021 min
Response: 6036751
Conc: 48.40 ug/ml m



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

R.T.: 17.895 min
Delta R.T.: -0.024 min
Response: 5570311
Conc: 44.45 ug/ml



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

R.T.: 18.108 min
Delta R.T.: -0.027 min
Response: 5779870
Conc: 45.07 ug/ml

Instrument :

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