

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091123AR\
 Data File : FD046457.D
 Signal(s) : FID2B.ch
 Acq On : 11 Sep 2023 22:01
 Operator : YP/AJ
 Sample : 04292-01MSD
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

WASTEMSD

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 01:10:08 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	9242064	54.724 ug/ml
Spiked Amount 50.000		Recovery =	109.45%
6) S 2-Fluorobiphenyl (SURR)	8.348	5966891	53.616 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	107.23%
11) S ortho-Terphenyl (SURR)	11.386	7502632	38.254 ug/ml
Spiked Amount 50.000		Recovery =	76.51%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.305	6272442	35.695 ug/ml
2) T Naphthalene (C11.7)	5.832	7321877	39.726 ug/ml
3) T 2-Methylnaphthalene (...)	6.881	7660924	41.260 ug/ml
5) T Acenaphthylene (C15.06)	8.152	8107244	47.640 ug/ml
7) T Acenaphthene (C15.5)	8.448	8061642	44.747 ug/ml
8) T Flouorene (C16.55)	9.227	8267594	47.272 ug/ml
9) T Phenanthrene (C19.36)	10.616	8266782	48.182 ug/ml
10) T Anthracene (C19.43)	10.691	8109190	48.070 ug/ml
12) T Fluoranthene (C21.85)	12.420	8132849	48.884 ug/ml
13) T Pyrene (C20.8)	12.715	8128609	50.434 ug/ml
14) T Benzo[a]anthracene (C...	14.579	7261582	51.615 ug/ml
15) T Chrysene (C27.41)	14.622	7175565	48.374 ug/ml
16) T benzo[b]fluoranthene ...	16.120	6918278	50.914 ug/ml
17) T Bnezo[k]fluoranthene ...	16.156	6771630	49.915 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.495	6396053	48.543 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.855	6503459	52.138 ug/mlm
20) T Dibenz[a,h]anthracene...	17.895	6037083	48.178 ug/ml
21) T Benzo[g,h,i]perylene ...	18.108	6165580	48.078 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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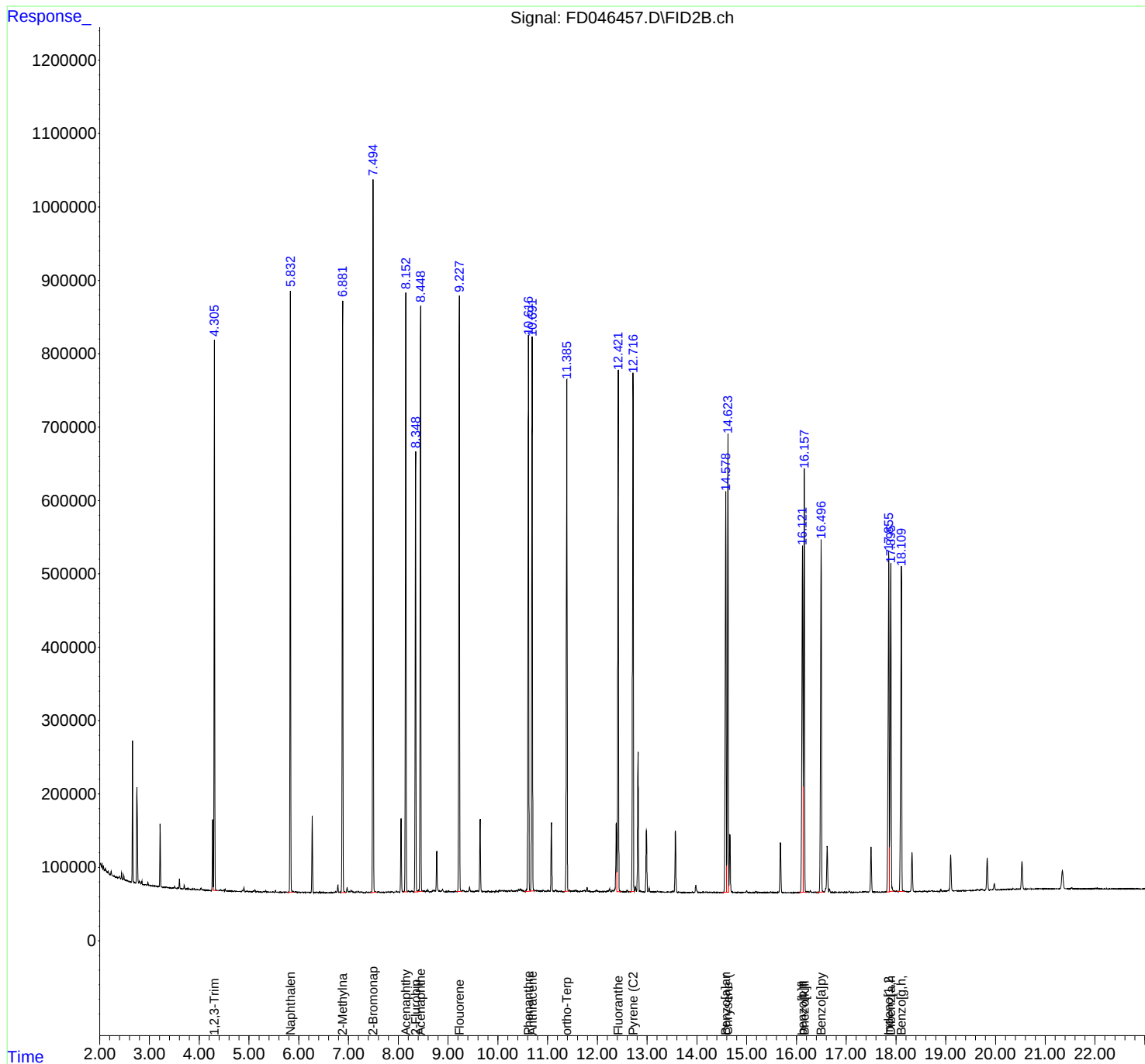
Response via : Initial Calibration

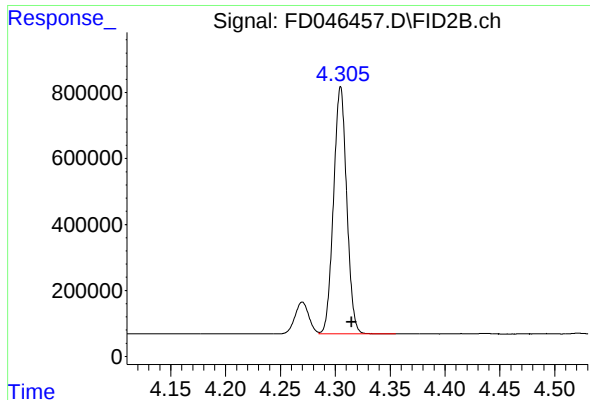
Integrator: ChemStation

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: 6272442
Conc: 35.70 ug/ml

Instrument :

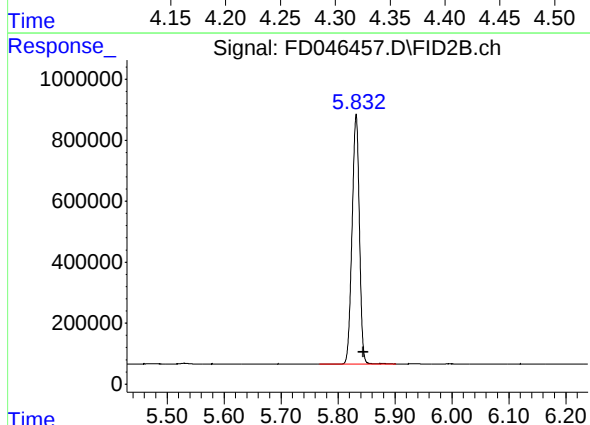
FID_D

ClientSampleId :

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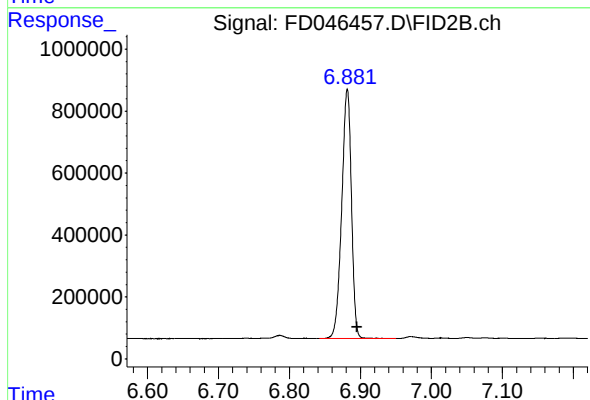
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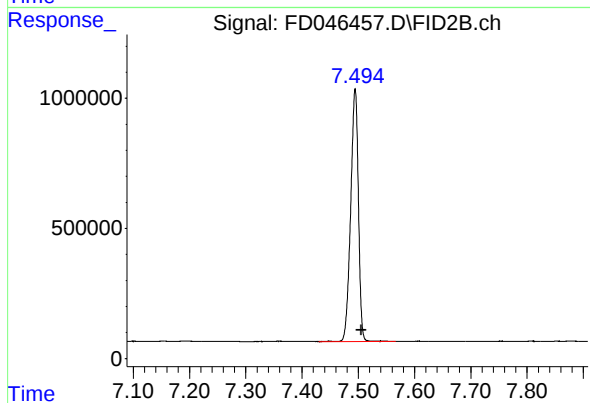
#2 Naphthalene (C11.7)

R.T.: 5.832 min
Delta R.T.: -0.013 min
Response: 7321877
Conc: 39.73 ug/ml



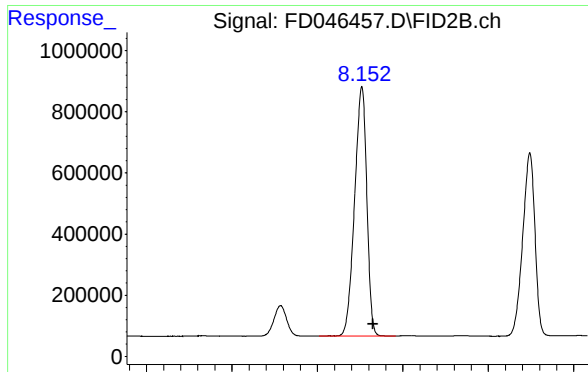
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.881 min
Delta R.T.: -0.014 min
Response: 7660924
Conc: 41.26 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.494 min
Delta R.T.: -0.011 min
Response: 9242064
Conc: 54.72 ug/ml



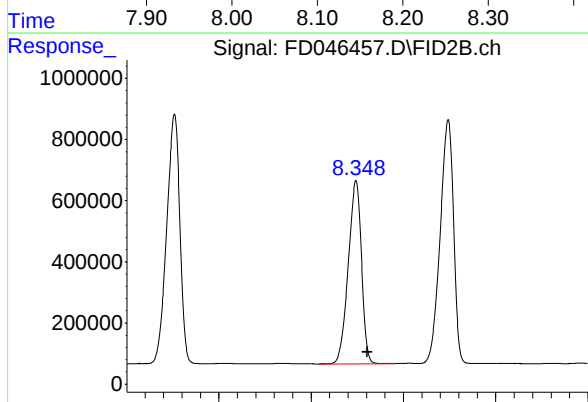
#5 Acenaphthylene (C15.06)

R.T.: 8.152 min
Delta R.T.: -0.013 min
Response: 8107244
Conc: 47.64 ug/ml

Instrument :
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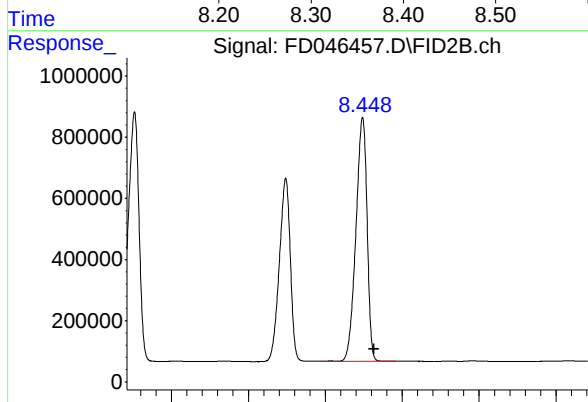
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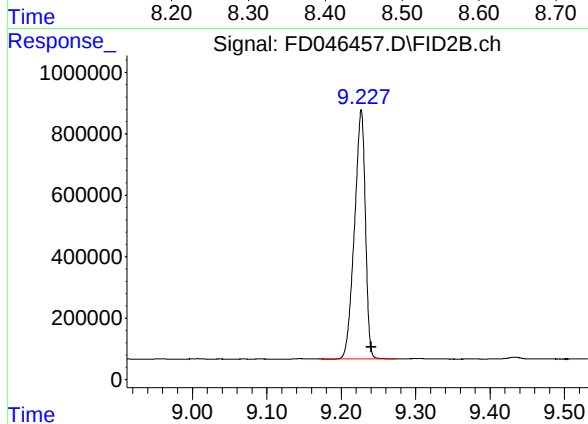
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.348 min
Delta R.T.: -0.012 min
Response: 5966891
Conc: 53.62 ug/ml



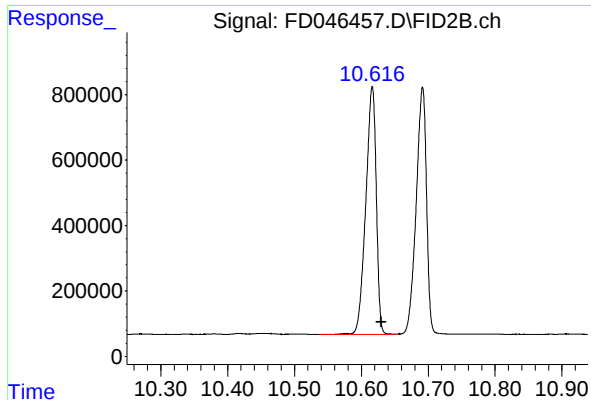
#7 Acenaphthene (C15.5)

R.T.: 8.448 min
Delta R.T.: -0.015 min
Response: 8061642
Conc: 44.75 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.227 min
Delta R.T.: -0.014 min
Response: 8267594
Conc: 47.27 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.616 min
Delta R.T.: -0.014 min
Response: 8266782
Conc: 48.18 ug/ml

Instrument :

FID_D

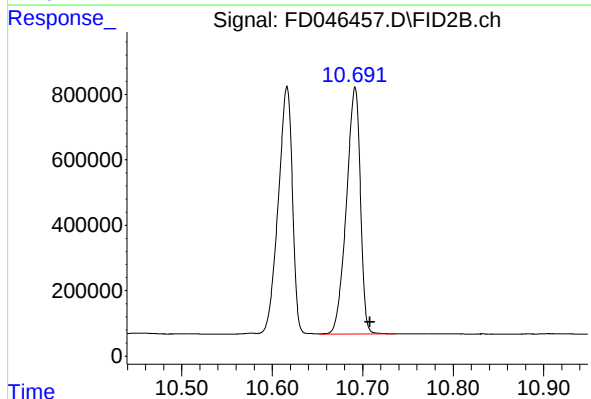
ClientSampleId :

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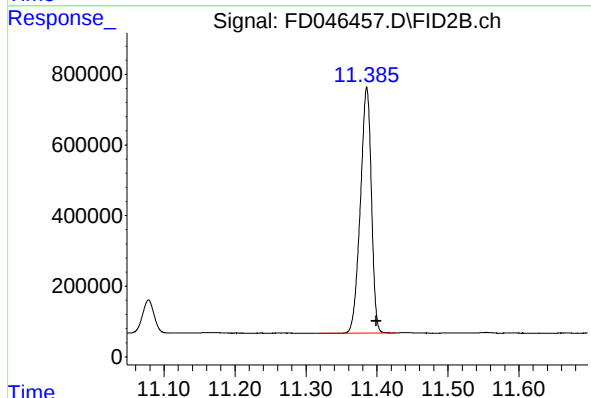
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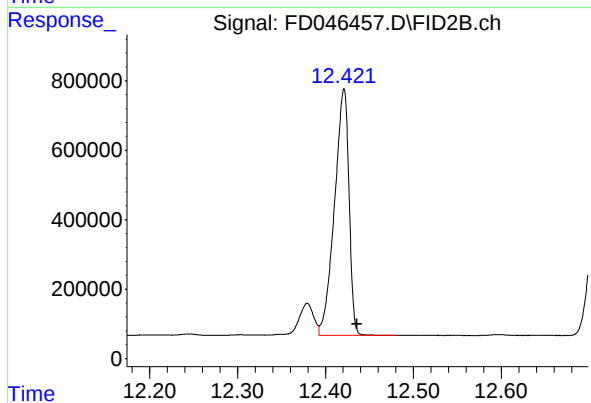
#10 Anthracene (C19.43)

R.T.: 10.691 min
Delta R.T.: -0.017 min
Response: 8109190
Conc: 48.07 ug/ml



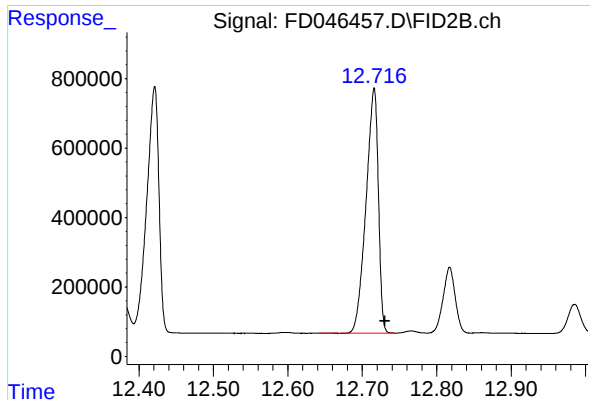
#11 ortho-Terphenyl (SURR)

R.T.: 11.386 min
Delta R.T.: -0.014 min
Response: 7502632
Conc: 38.25 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.420 min
Delta R.T.: -0.015 min
Response: 8132849
Conc: 48.88 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.715 min
Delta R.T.: -0.015 min
Response: 8128609
Conc: 50.43 ug/ml

Instrument :

FID_D

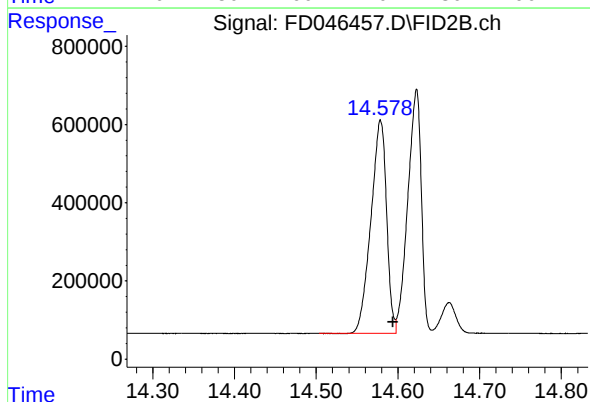
ClientSampleId :

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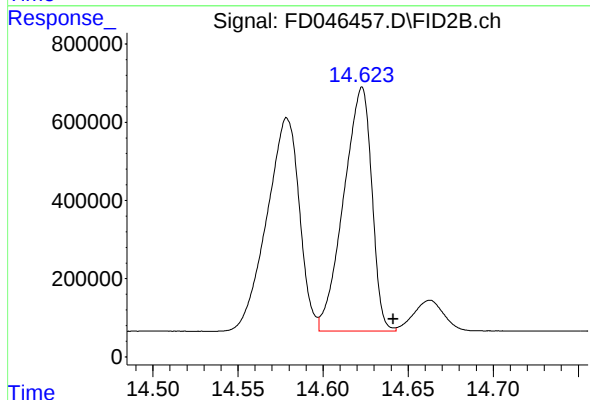
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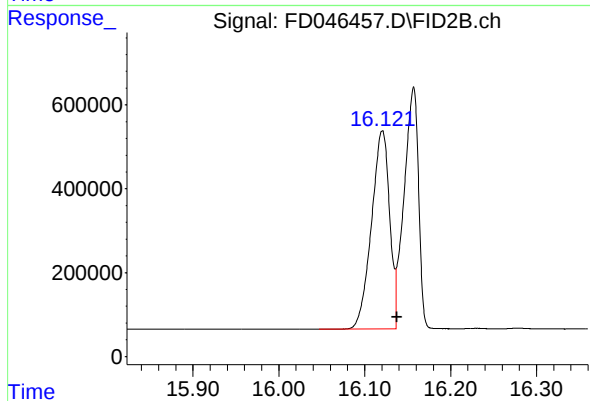
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.579 min
Delta R.T.: -0.015 min
Response: 7261582
Conc: 51.61 ug/ml



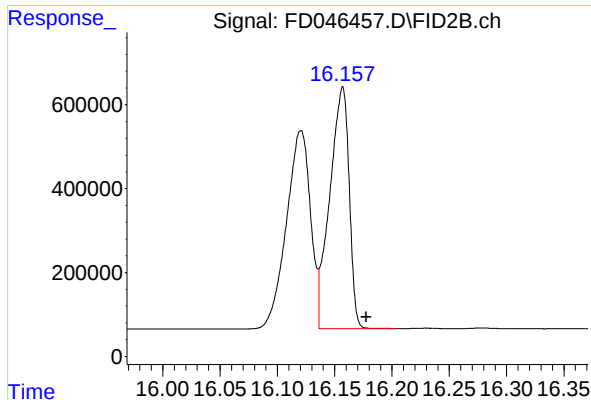
#15 Chrysene (C27.41)

R.T.: 14.622 min
Delta R.T.: -0.019 min
Response: 7175565
Conc: 48.37 ug/ml



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

R.T.: 16.120 min
Delta R.T.: -0.017 min
Response: 6918278
Conc: 50.91 ug/ml



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

R.T.: 16.156 min
Delta R.T.: -0.021 min
Response: 6771630
Conc: 49.91 ug/ml

Instrument :

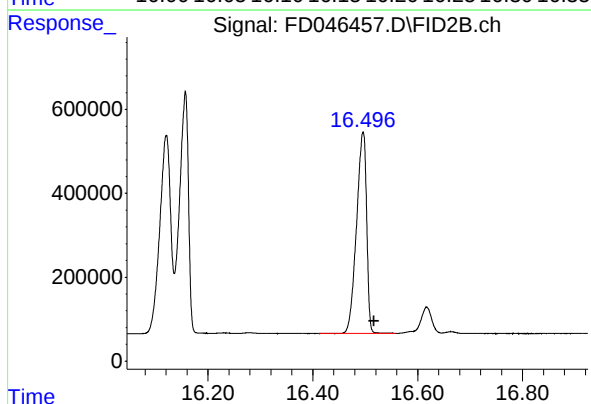
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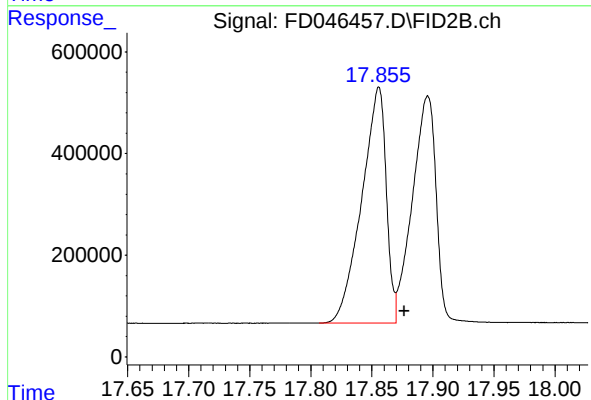
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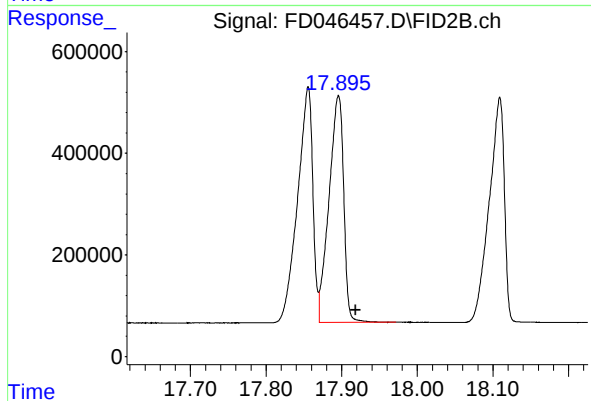
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.495 min
Delta R.T.: -0.022 min
Response: 6396053
Conc: 48.54 ug/ml



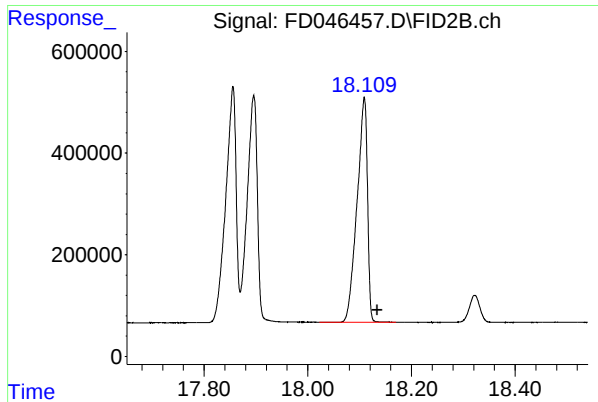
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.855 min
Delta R.T.: -0.021 min
Response: 6503459
Conc: 52.14 ug/ml m



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

R.T.: 17.895 min
Delta R.T.: -0.023 min
Response: 6037083
Conc: 48.18 ug/ml



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

R.T.: 18.108 min
Delta R.T.: -0.026 min
Response: 6165580
Conc: 48.08 ug/ml

Instrument :

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