

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100223AR\
 Data File : FD046606.D
 Signal(s) : FID2B.ch
 Acq On : 02 Oct 2023 15:48
 Operator : YP/AJ
 Sample : PP22561
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PP22561

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 10/03/2023

Supervised By :Ankita Jodhani 10/03/2023

Integration File: autoint1.e

Quant Time: Oct 03 00:26:10 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091523.M

Quant Title : GC Extractables

QLast Update : Fri Sep 15 01:47:22 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				
Target Compounds				
1) T	1,2,3-Trimethylbenzen...	4.284	15446467	83.631 ug/mlm
2) T	Naphthalene (C11.7)	5.835	16397993	84.861 ug/ml
3) T	2-Methylnaphthalene (...)	6.883	16182152	83.505 ug/ml
5) T	Acenaphthylene (C15.06)	8.153	15975219	90.601 ug/ml
7) T	Acenaphthene (C15.5)	8.450	16354048	87.039 ug/ml
8) T	Fluorene (C16.55)	9.228	16371878	90.758 ug/ml
9) T	Phenanthrene (C19.36)	10.619	16253961	92.444 ug/ml
10) T	Anthracene (C19.43)	10.695	16145127	105.115 ug/ml
12) T	Fluoranthene (C21.85)	12.424	15491050	90.889 ug/ml
13) T	Pyrene (C20.8)	12.720	16159132	98.502 ug/ml
14) T	Benzo[a]anthracene (C...	14.584	14934212	106.953 ug/ml
15) T	Chrysene (C27.41)	14.632	15345522	101.089 ug/ml
16) T	benzo[b]fluoranthene ...	16.127	14594324	106.398 ug/ml
17) T	Bnezo[k]fluoranthene ...	16.168	14162922	102.242 ug/ml
18) T	Benzo[a]pyrene (C31.34)	16.506	13125028	98.110 ug/ml
19) T	Indeno[1,2,3-cd]pyren...	17.866	13763976	109.805 ug/ml
20) T	Dibenz[a,h]anthracene...	17.907	12093616	90.882 ug/ml
21) T	Benzo[g,h,i]perylene ...	18.124	12958401	98.264 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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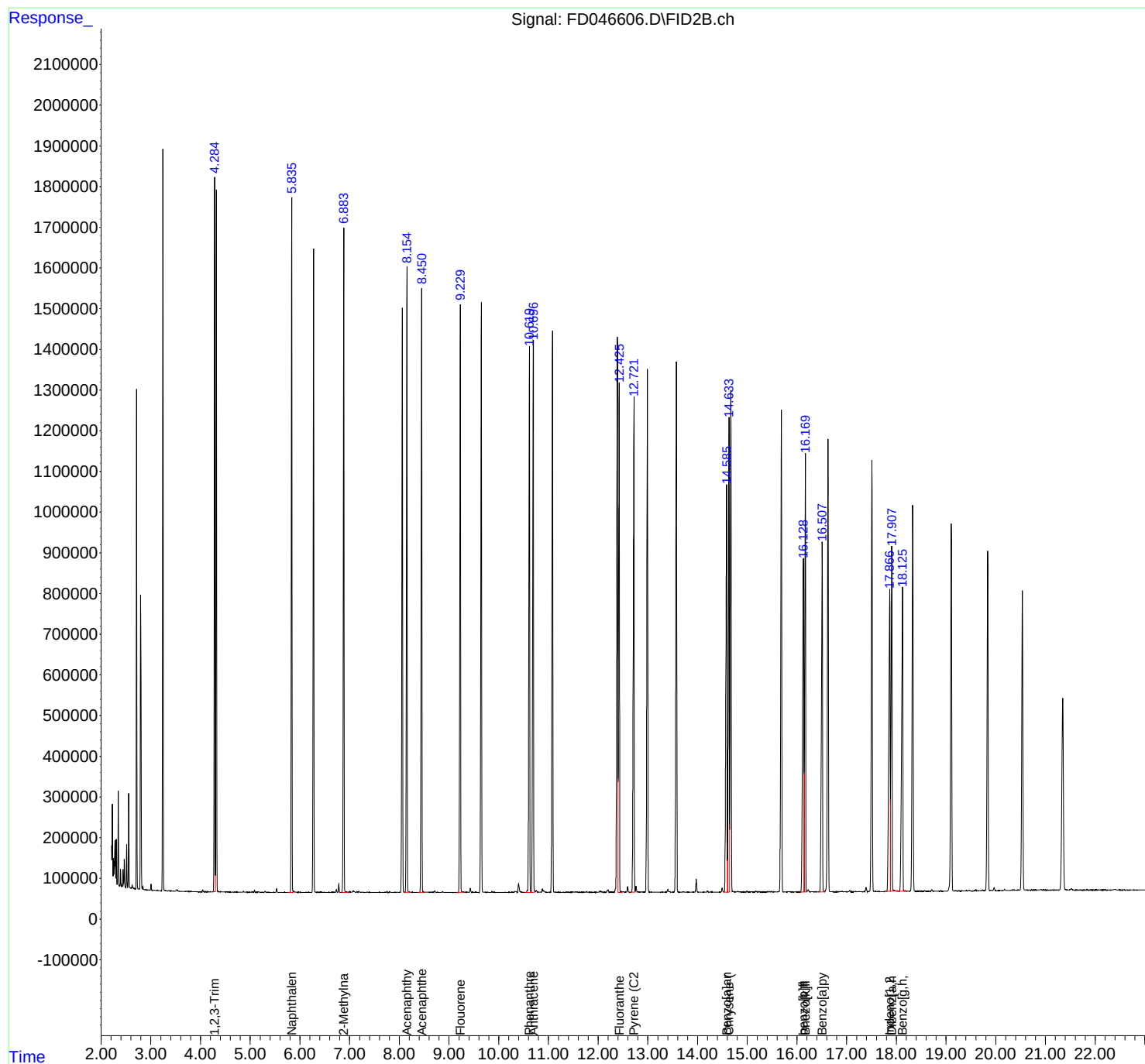
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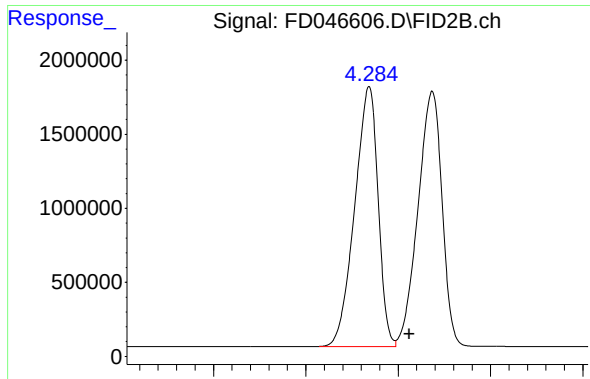
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Integrator: ChemStation

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.: 4.284 min
Delta R.T.: -0.022 min
Response: 15446467
Conc: 83.63 ug/ml

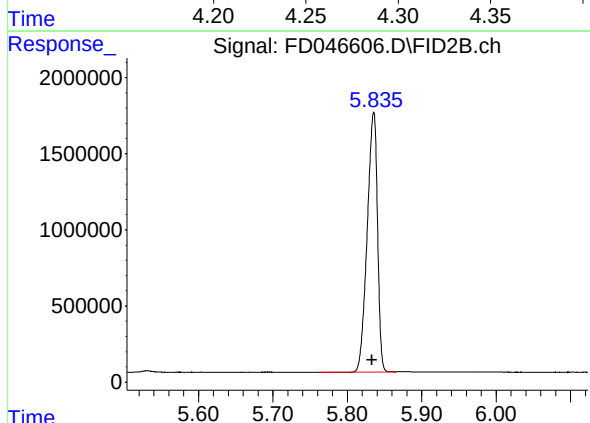
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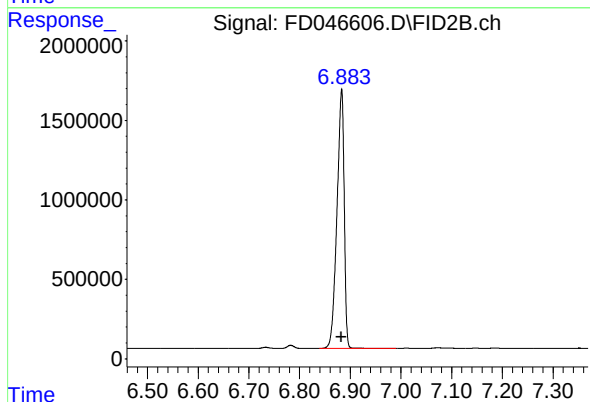
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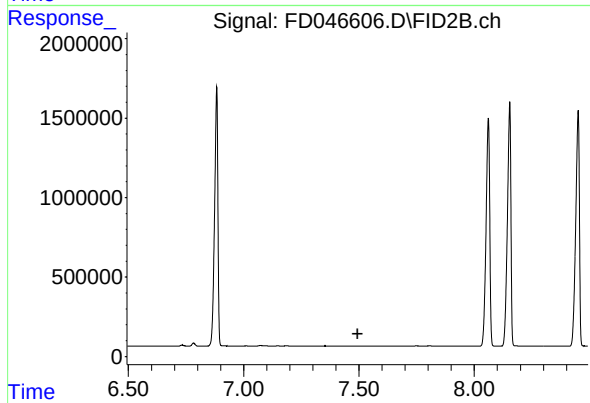
#2 Naphthalene (C11.7)

R.T.: 5.835 min
Delta R.T.: 0.002 min
Response: 16397993
Conc: 84.86 ug/ml



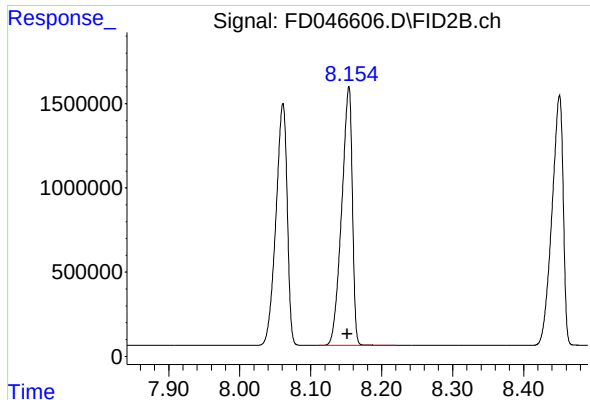
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.883 min
Delta R.T.: 0.000 min
Response: 16182152
Conc: 83.50 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 0.000 min
Exp R.T. : 7.494 min
Response: 0
Conc: N.D.



#5 Acenaphthylene (C15.06)

R.T.: 8.153 min
Delta R.T.: 0.002 min
Response: 15975219
Conc: 90.60 ug/ml

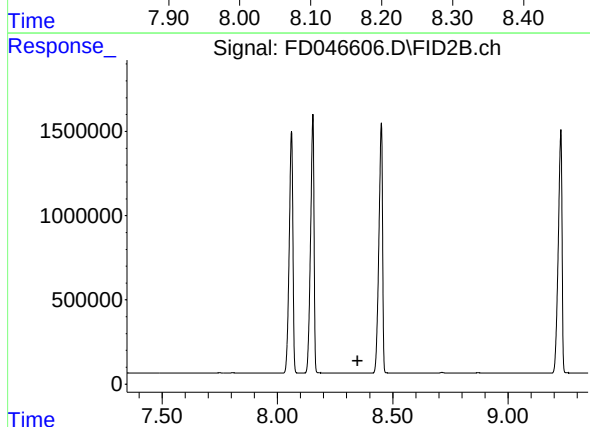
Instrument :

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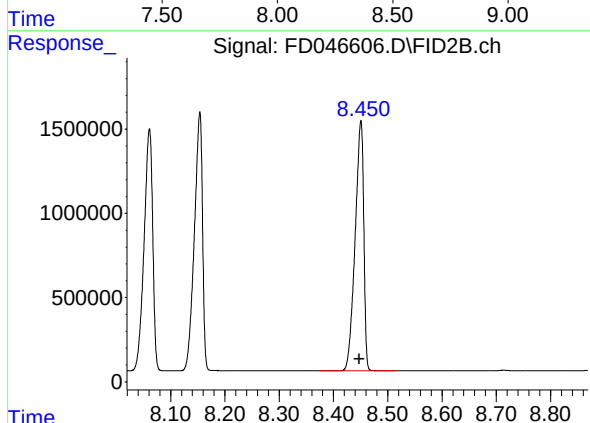
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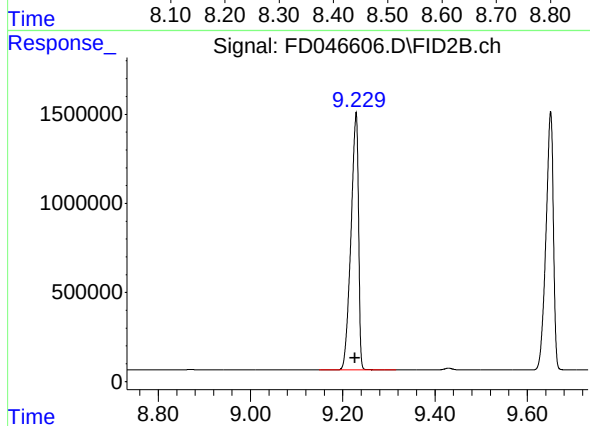
#6 2-Fluorobiphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 8.347 min
Response: 0
Conc: N.D.



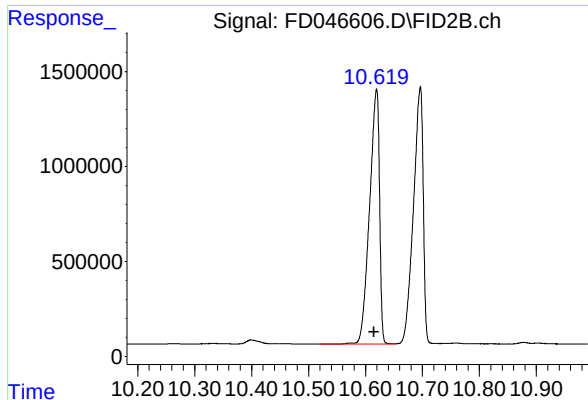
#7 Acenaphthene (C15.5)

R.T.: 8.450 min
Delta R.T.: 0.002 min
Response: 16354048
Conc: 87.04 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.228 min
Delta R.T.: 0.002 min
Response: 16371878
Conc: 90.76 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.619 min
Delta R.T.: 0.003 min
Response: 16253961
Conc: 92.44 ug/ml

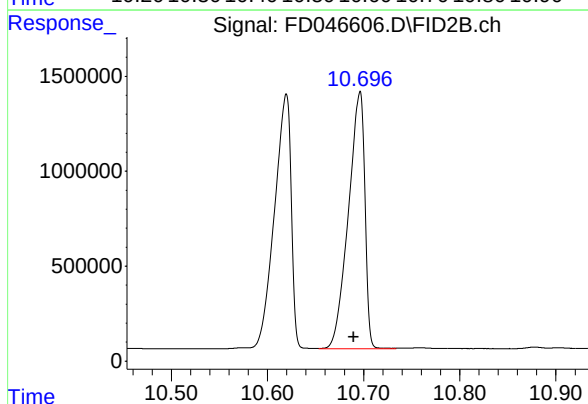
Instrument :

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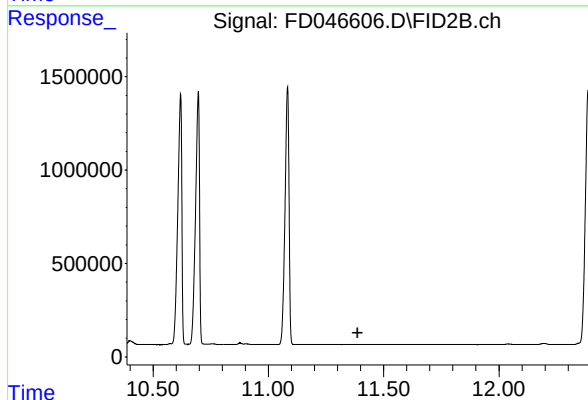
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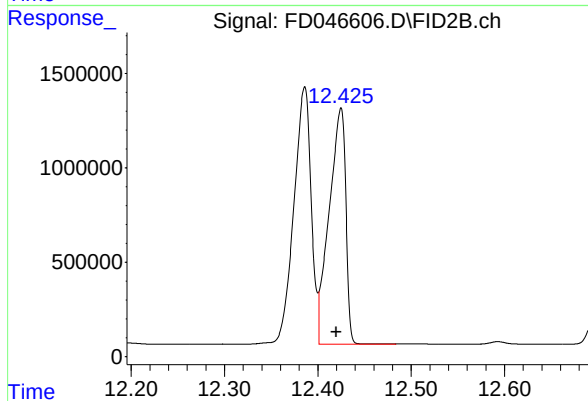
#10 Anthracene (C19.43)

R.T.: 10.695 min
Delta R.T.: 0.006 min
Response: 16145127
Conc: 105.12 ug/ml



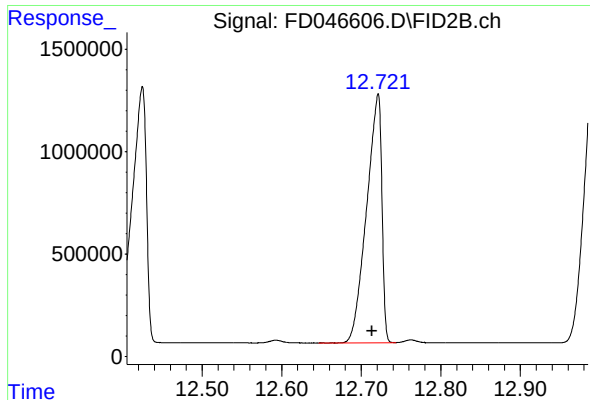
#11 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.386 min
Response: 0
Conc: N.D.



#12 Fluoranthene (C21.85)

R.T.: 12.424 min
Delta R.T.: 0.004 min
Response: 15491050
Conc: 90.89 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.720 min
Delta R.T.: 0.006 min
Response: 16159132
Conc: 98.50 ug/ml

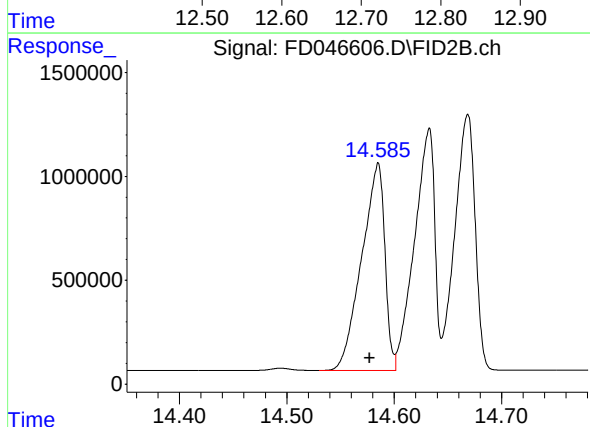
Instrument :

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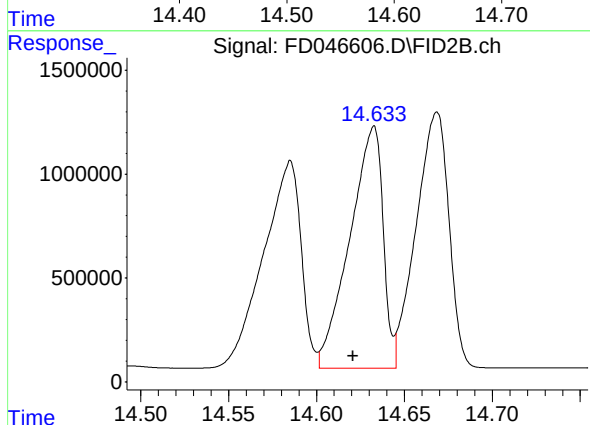
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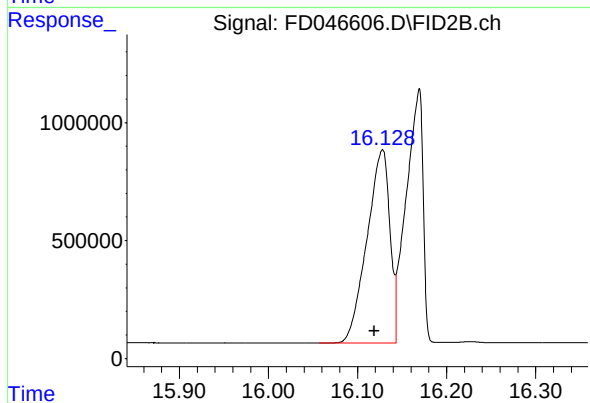
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.584 min
Delta R.T.: 0.007 min
Response: 14934212
Conc: 106.95 ug/ml



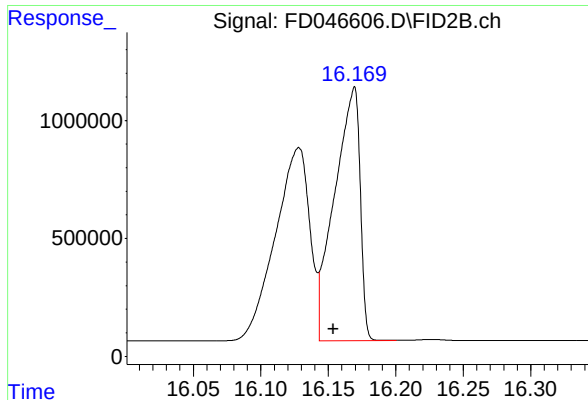
#15 Chrysene (C27.41)

R.T.: 14.632 min
Delta R.T.: 0.011 min
Response: 15345522
Conc: 101.09 ug/ml



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

R.T.: 16.127 min
Delta R.T.: 0.008 min
Response: 14594324
Conc: 106.40 ug/ml



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

R.T.: 16.168 min
Delta R.T.: 0.014 min
Response: 14162922
Conc: 102.24 ug/ml

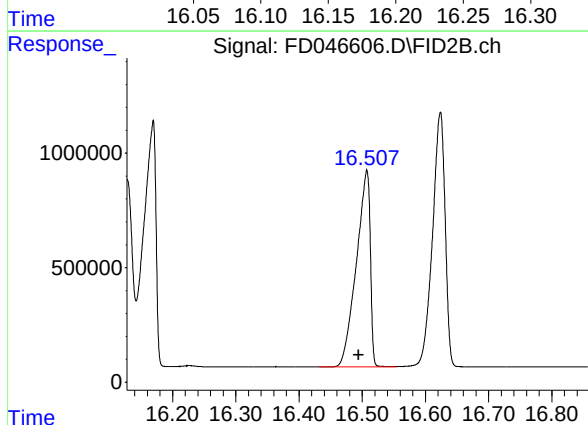
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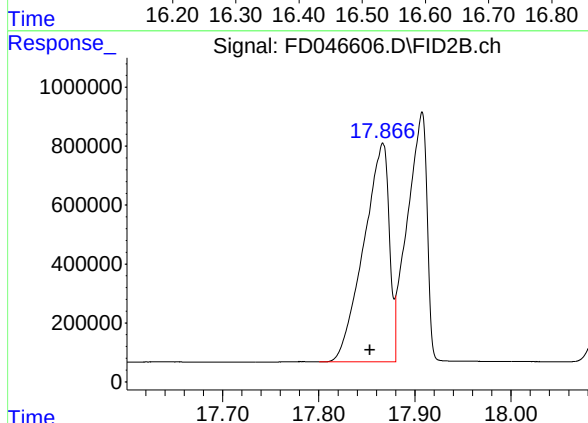
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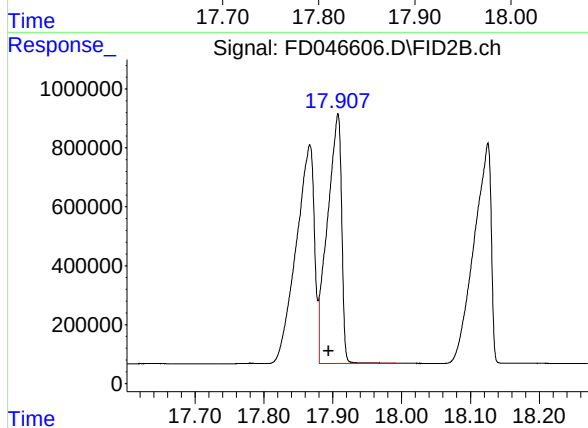
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.506 min
Delta R.T.: 0.012 min
Response: 13125028
Conc: 98.11 ug/ml



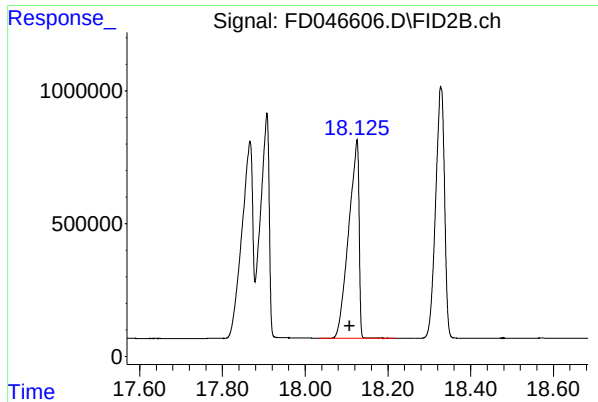
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.866 min
Delta R.T.: 0.012 min
Response: 13763976
Conc: 109.81 ug/ml



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

R.T.: 17.907 min
Delta R.T.: 0.012 min
Response: 12093616
Conc: 90.88 ug/ml



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

R.T.: 18.124 min
Delta R.T.: 0.016 min
Response: 12958401
Conc: 98.26 ug/ml

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