

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022323AR\
 Data File : FD045154.D
 Signal(s) : FID2B.ch
 Acq On : 24 Feb 2023 09:52
 Operator : YP/AJ
 Sample : 01657-01MSD
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 B-17-SB01MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/27/2023
 Supervised By :Ankita Jodhani 02/27/2023

Integration File: autoint1.e
 Quant Time: Feb 25 03:00:27 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 022123.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 22 04:55:52 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...	7.555	6220200	46.378 ug/ml
Spiked Amount 50.000		Recovery =	92.76%
6) S 2-Fluorobiphenyl (SURR)	8.411	4134504	46.133 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	92.27%
11) S ortho-Terphenyl (SURR)	11.450	4769421	28.357 ug/ml
Spiked Amount 50.000		Recovery =	56.71%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.363	4432839	29.609 ug/ml
2) T Naphthalene (C11.7)	5.893	5077553	32.340 ug/ml
3) T 2-Methylnaphthalene (...)	6.943	5130036	32.790 ug/ml
5) T Acenaphthylene (C15.06)	8.215	5513719	38.616 ug/ml
7) T Acenaphthene (C15.5)	8.511	5546856	36.784 ug/ml
8) T Fluorene (C16.55)	9.289	5681656	38.546 ug/ml
9) T Phenanthrene (C19.36)	10.680	5660904	39.106 ug/ml
10) T Anthracene (C19.43)	10.755	5555287	41.031 ug/ml
12) T Fluoranthene (C21.85)	12.486	5558338	38.779 ug/ml
13) T Pyrene (C20.8)	12.781	5451449	38.932 ug/ml
14) T Benzo[a]anthracene (C...	14.646	5065976	39.821 ug/ml
15) T Chrysene (C27.41)	14.689	5029446	37.984 ug/mlm
16) T benzo[b]fluoranthene ...	16.188	4953388	37.769 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.224	4761629	36.718 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.565	4473561	34.853 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.926	4916551	39.143 ug/mlm
20) T Dibenz[a,h]anthracene...	17.967	4696324	38.398 ug/ml
21) T Benzo[g,h,i]perylene ...	18.180	4783651	37.706 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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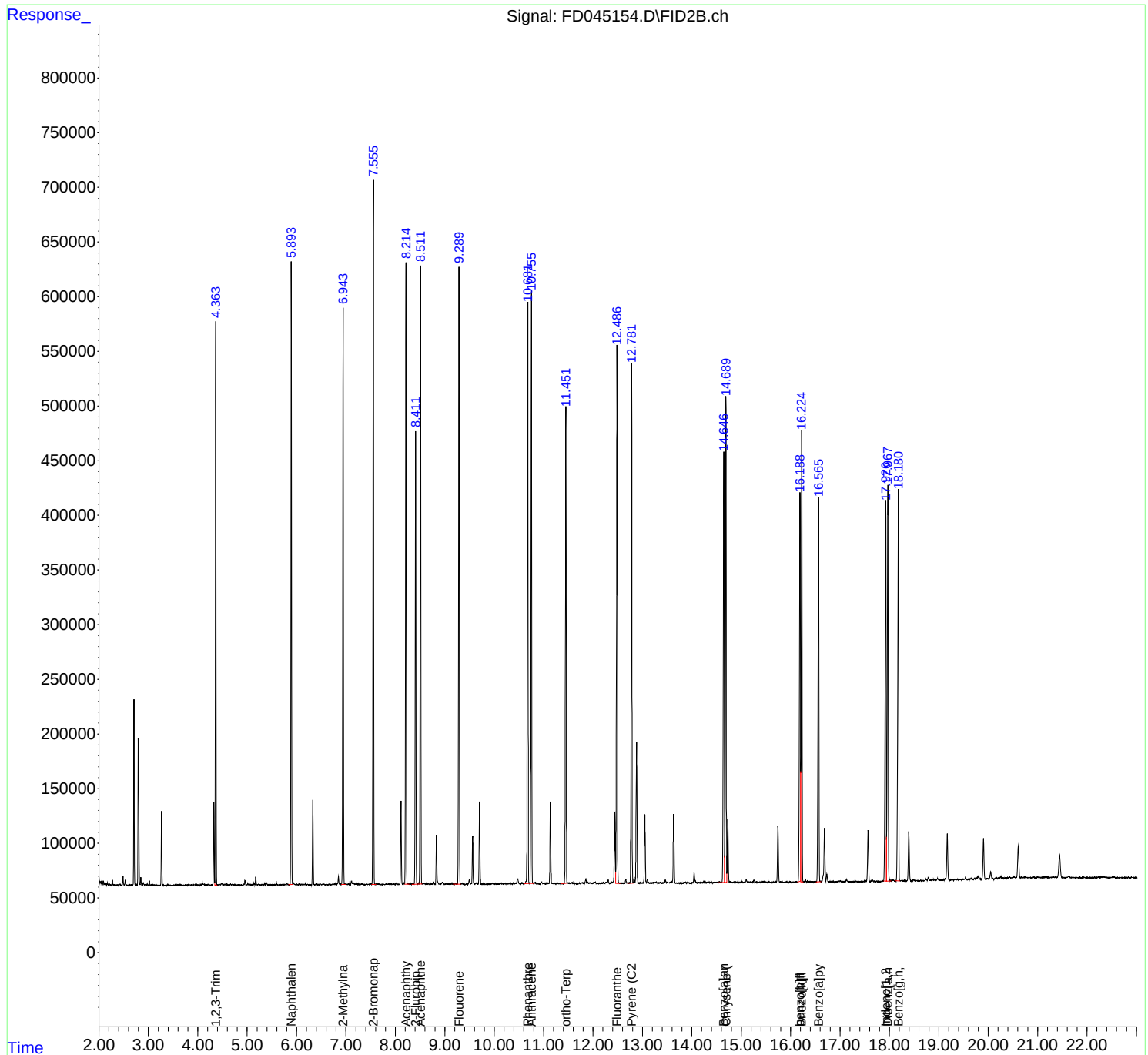
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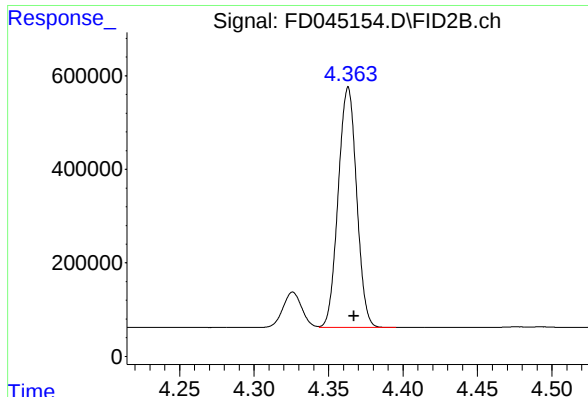
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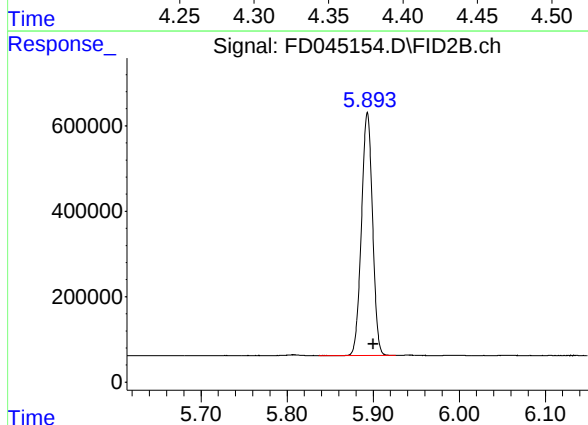
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.363 min
Delta R.T.: -0.004 min
Response: 4432839
Conc: 29.61 ug/ml

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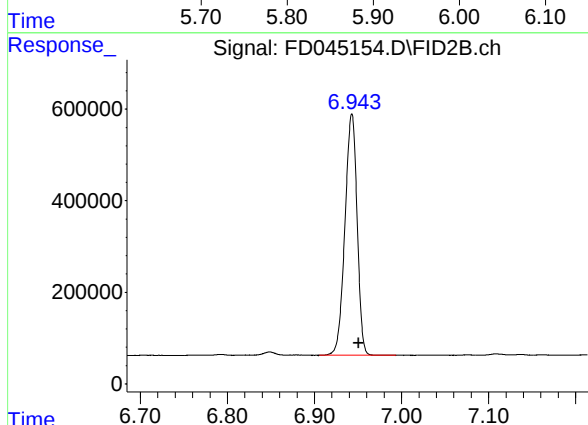
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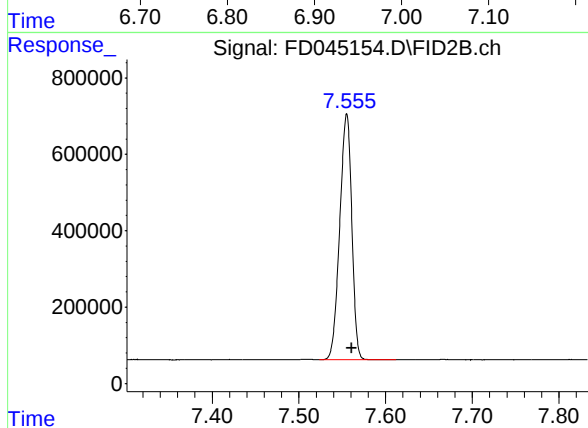
#2 Naphthalene (C11.7)

R.T.: 5.893 min
Delta R.T.: -0.007 min
Response: 5077553
Conc: 32.34 ug/ml



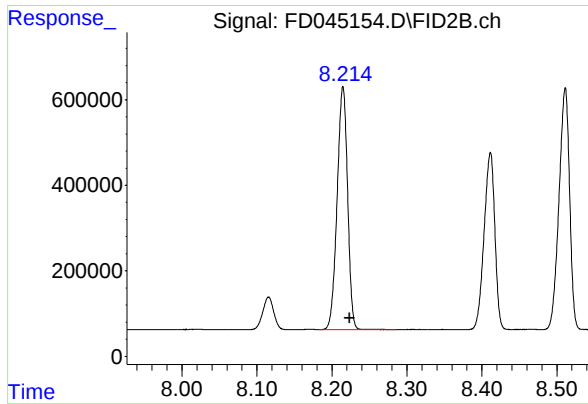
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.943 min
Delta R.T.: -0.008 min
Response: 5130036
Conc: 32.79 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.555 min
Delta R.T.: -0.006 min
Response: 6220200
Conc: 46.38 ug/ml



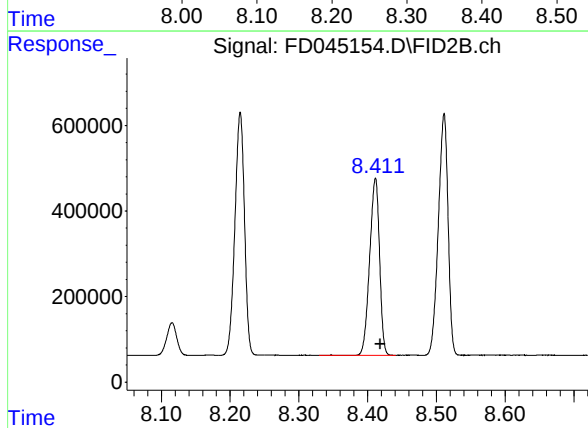
#5 Acenaphthylene (C15.06)

R.T.: 8.215 min
Delta R.T.: -0.009 min
Response: 5513719
Conc: 38.62 ug/ml

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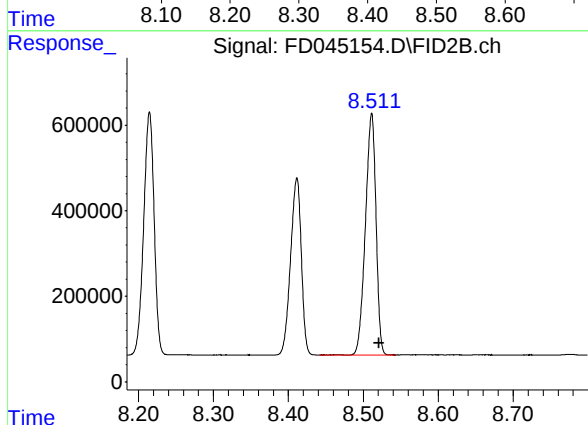
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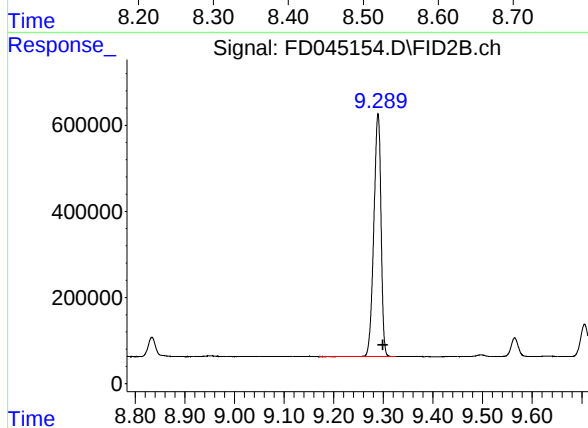
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.411 min
Delta R.T.: -0.007 min
Response: 4134504
Conc: 46.13 ug/ml



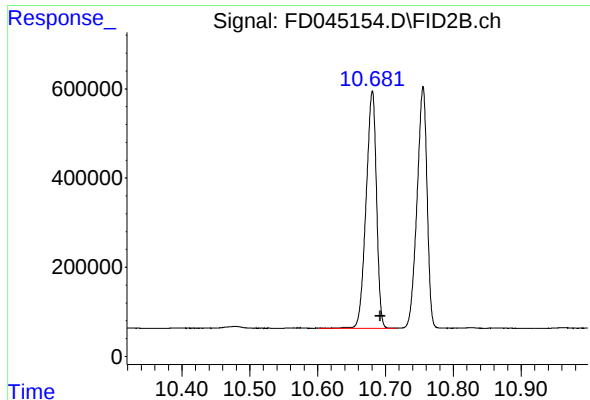
#7 Acenaphthene (C15.5)

R.T.: 8.511 min
Delta R.T.: -0.010 min
Response: 5546856
Conc: 36.78 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.289 min
Delta R.T.: -0.011 min
Response: 5681656
Conc: 38.55 ug/ml



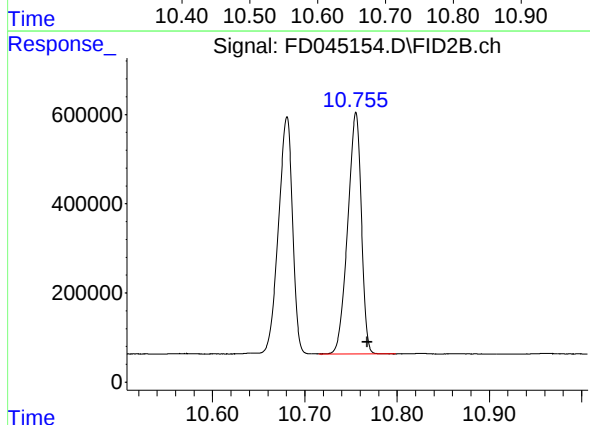
#9 Phenanthrene (C19.36)

R.T.: 10.680 min
Delta R.T.: -0.012 min
Response: 5660904
Conc: 39.11 ug/ml

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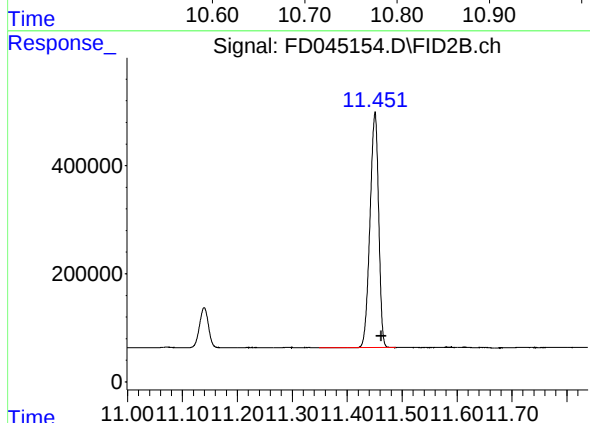
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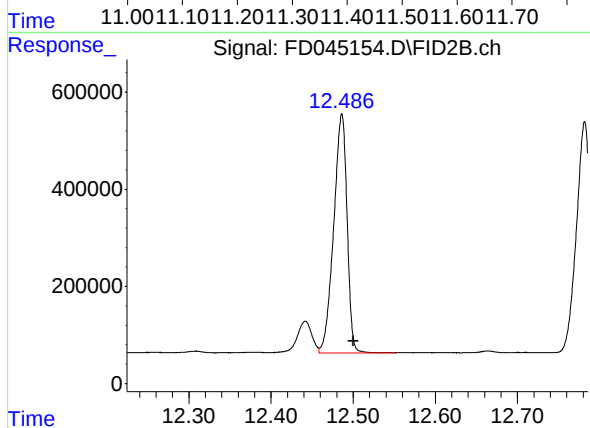
#10 Anthracene (C19.43)

R.T.: 10.755 min
Delta R.T.: -0.013 min
Response: 5555287
Conc: 41.03 ug/ml



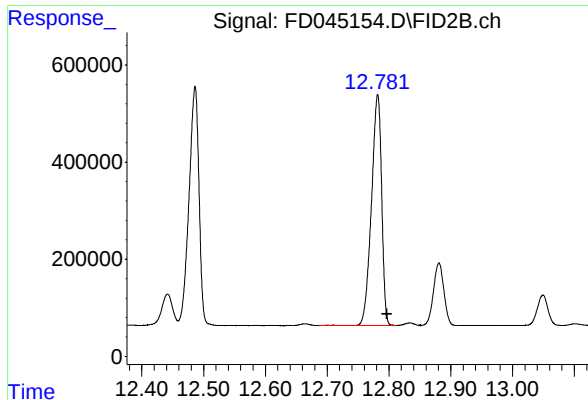
#11 ortho-Terphenyl (SURR)

R.T.: 11.450 min
Delta R.T.: -0.012 min
Response: 4769421
Conc: 28.36 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.486 min
Delta R.T.: -0.014 min
Response: 5558338
Conc: 38.78 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.781 min
Delta R.T.: -0.015 min
Response: 5451449
Conc: 38.93 ug/ml

Instrument :

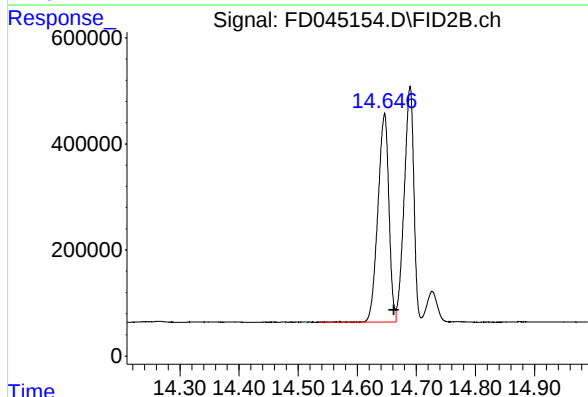
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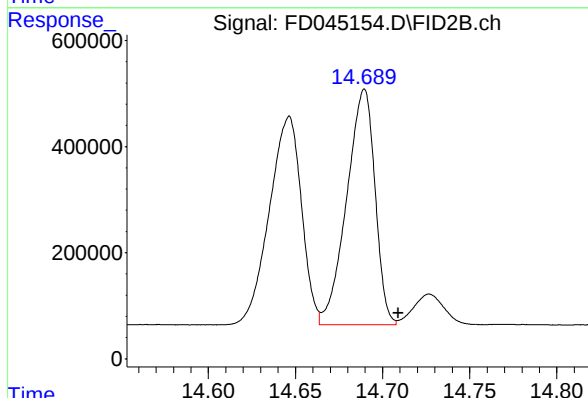
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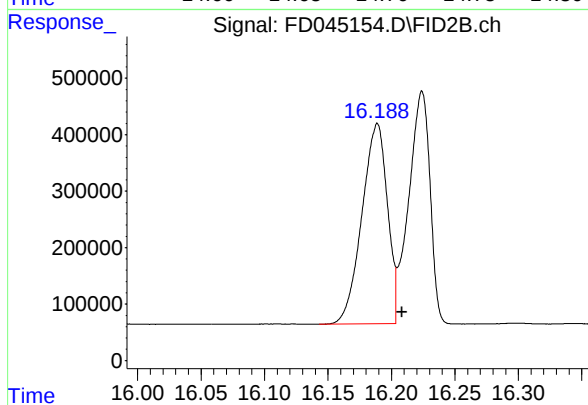
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.646 min
Delta R.T.: -0.017 min
Response: 5065976
Conc: 39.82 ug/ml



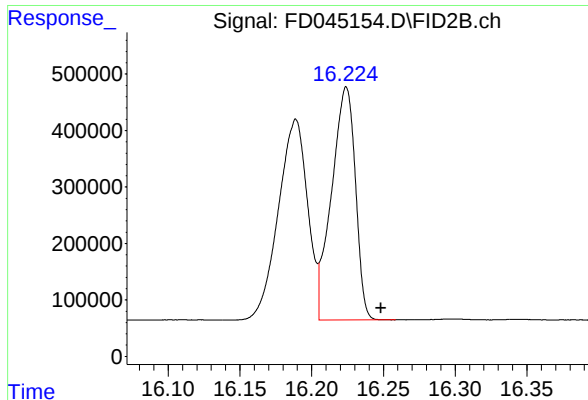
#15 Chrysene (C27.41)

R.T.: 14.689 min
Delta R.T.: -0.020 min
Response: 5029446
Conc: 37.98 ug/ml m



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

R.T.: 16.188 min
Delta R.T.: -0.020 min
Response: 4953388
Conc: 37.77 ug/ml m



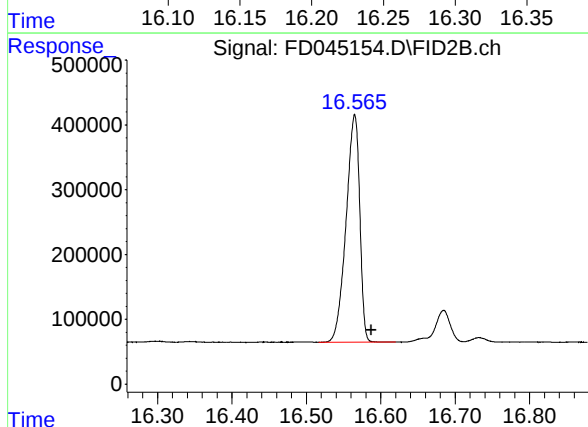
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.224 min
Delta R.T.: -0.024 min
Response: 4761629
Conc: 36.72 ug/ml

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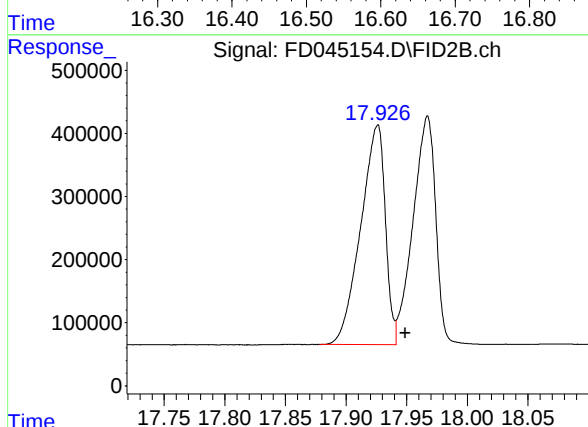
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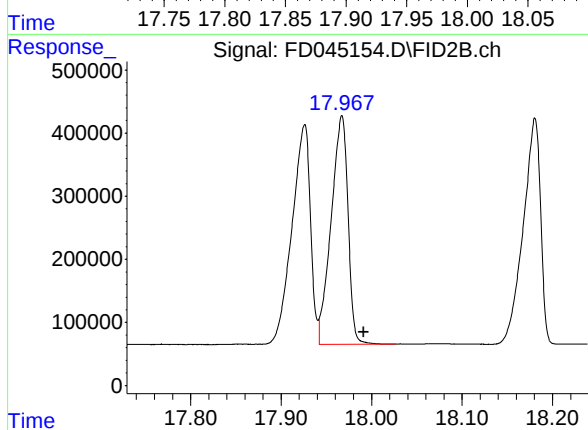
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.565 min
Delta R.T.: -0.023 min
Response: 4473561
Conc: 34.85 ug/ml



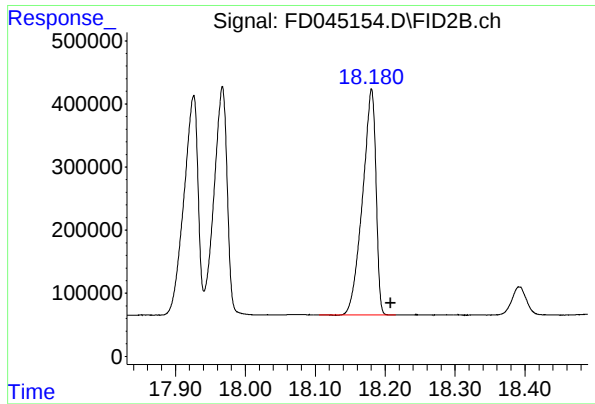
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.926 min
Delta R.T.: -0.022 min
Response: 4916551
Conc: 39.14 ug/ml m



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

R.T.: 17.967 min
Delta R.T.: -0.024 min
Response: 4696324
Conc: 38.40 ug/ml



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

R.T.: 18.180 min
Delta R.T.: -0.028 min
Response: 4783651
Conc: 37.71 ug/ml

Instrument :

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