

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051723AR\
 Data File : FD045686.D
 Signal(s) : FID2B.ch
 Acq On : 18 May 2023 13:36
 Operator : YP/AJ
 Sample : PB152853BS
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB152853BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 05/19/2023

Supervised By :Ankita Jodhani 05/19/2023

Integration File: autoint1.e

Quant Time: May 18 16:40:51 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050523.M

Quant Title : GC Extractables

QLast Update : Fri May 05 18:09:33 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...	7.544	7513214	44.047 ug/ml
Spiked Amount 50.000		Recovery =	88.09%
6) S 2-Fluorobiphenyl (SURR)	8.401	4844882	42.139 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	84.28%
11) S ortho-Terphenyl (SURR)	11.439	7715941	36.547 ug/ml
Spiked Amount 50.000		Recovery =	73.09%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.352	6917081	37.056 ug/ml
2) T Naphthalene (C11.7)	5.882	7801224	39.660 ug/ml
3) T 2-Methylnaphthalene (...)	6.932	7728848	39.124 ug/ml
5) T Acenaphthylene (C15.06)	8.205	8309911	46.252 ug/ml
7) T Acenaphthene (C15.5)	8.502	8759492	46.030 ug/ml
8) T Flouorene (C16.55)	9.281	8666958	45.956 ug/ml
9) T Phenanthrene (C19.36)	10.672	8810898	47.402 ug/ml
10) T Anthracene (C19.43)	10.747	8870362	49.618 ug/ml
12) T Fluoranthene (C21.85)	12.477	8688574	48.164 ug/ml
13) T Pyrene (C20.8)	12.773	8661657	49.422 ug/ml
14) T Benzo[a]anthracene (C...	14.637	7963487	50.031 ug/ml
15) T Chrysene (C27.41)	14.682	7902620	48.668 ug/ml
16) T benzo[b]fluoranthene ...	16.180	7730419	52.489 ug/ml
17) T Bnezo[k]fluoranthene ...	16.217	7408078	51.235 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.555	6808660	48.833 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.913	6787278	53.421 ug/ml
20) T Dibenz[a,h]anthracene...	17.955	7030030	54.738 ug/ml
21) T Benzo[g,h,i]perylene ...	18.170	7023148	54.602 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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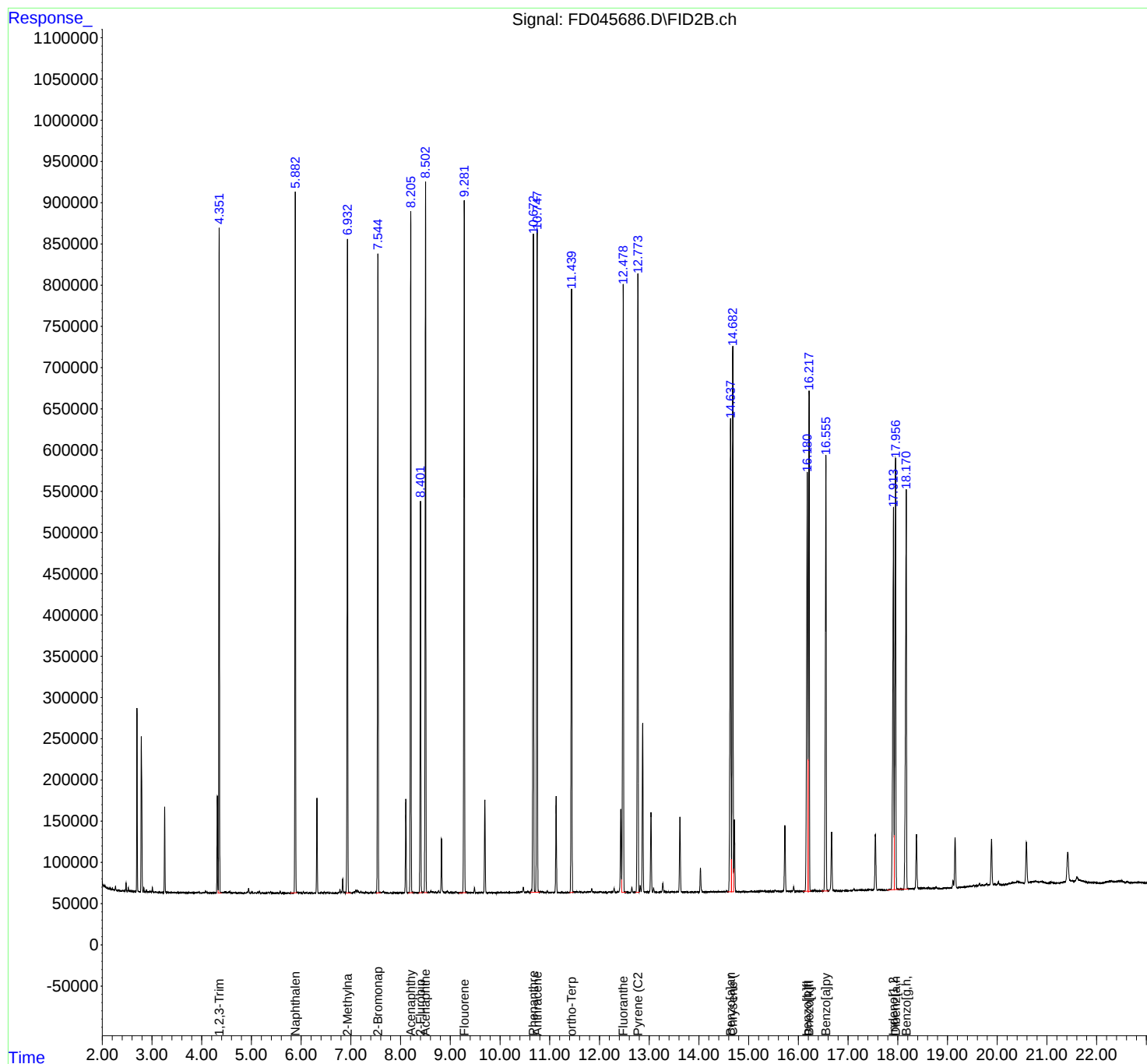
Instrument :
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PB152853BS

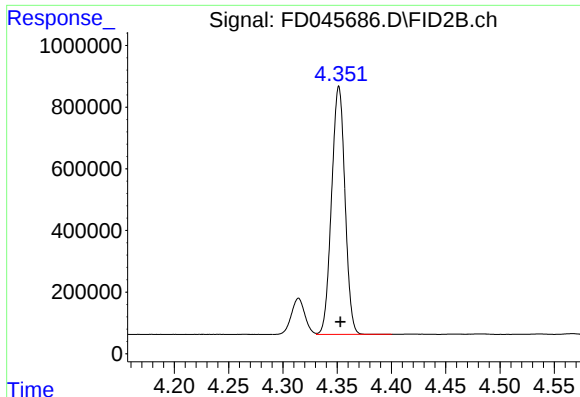
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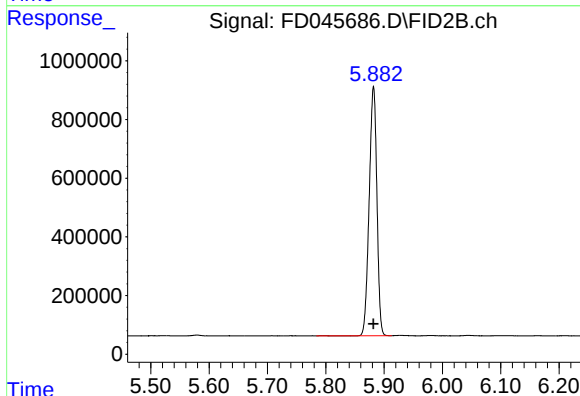
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.352 min
Delta R.T.: -0.001 min
Response: 6917081
Conc: 37.06 ug/ml

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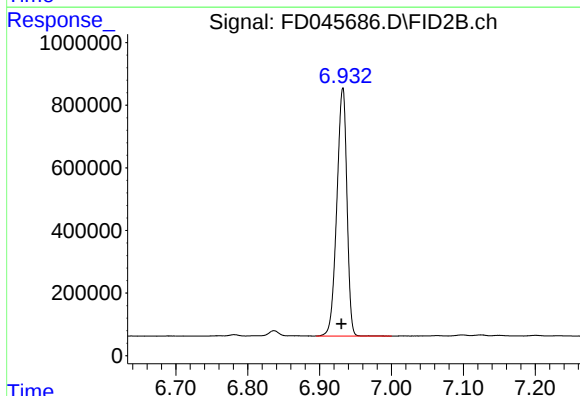
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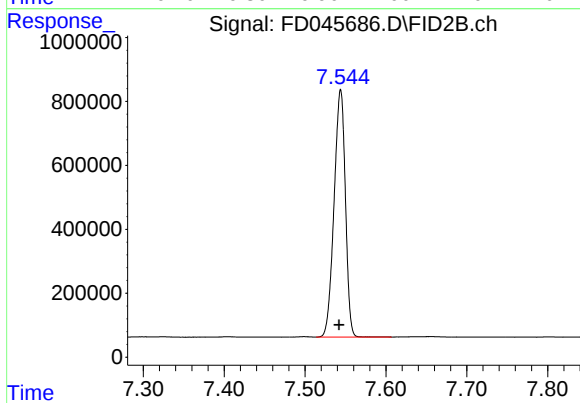
#2 Naphthalene (C11.7)

R.T.: 5.882 min
Delta R.T.: 0.000 min
Response: 7801224
Conc: 39.66 ug/ml



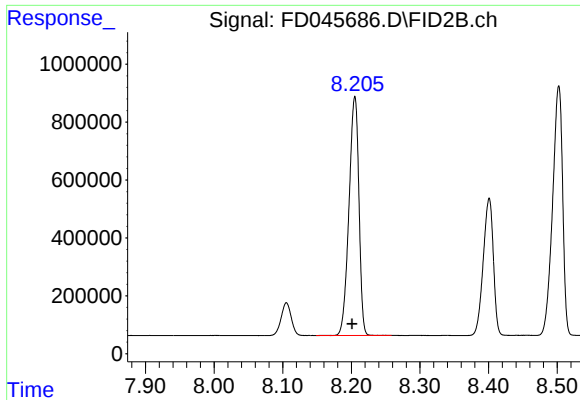
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.932 min
Delta R.T.: 0.002 min
Response: 7728848
Conc: 39.12 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.544 min
Delta R.T.: 0.002 min
Response: 7513214
Conc: 44.05 ug/ml



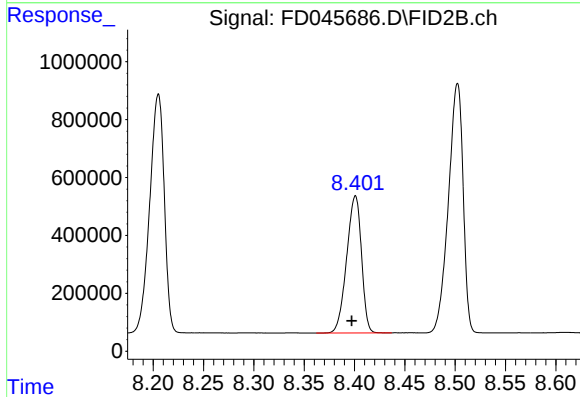
#5 Acenaphthylene (C15.06)

R.T.: 8.205 min
Delta R.T.: 0.004 min
Response: 8309911
Conc: 46.25 ug/ml

Instrument :
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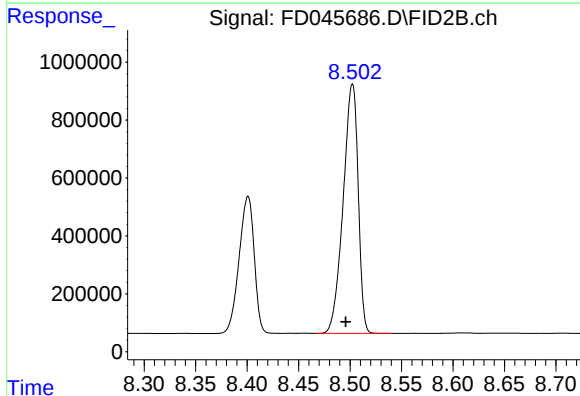
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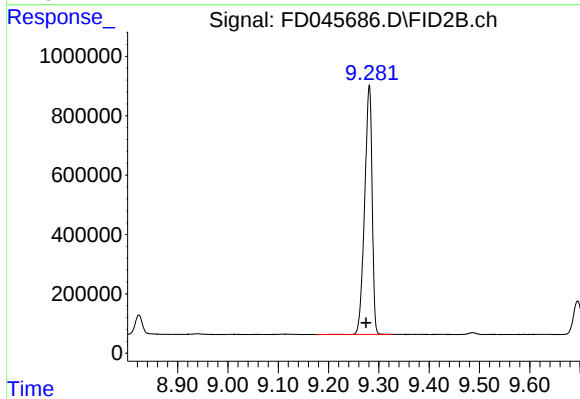
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.401 min
Delta R.T.: 0.003 min
Response: 4844882
Conc: 42.14 ug/ml



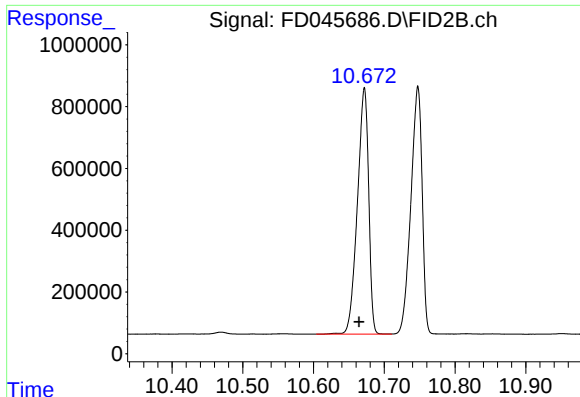
#7 Acenaphthene (C15.5)

R.T.: 8.502 min
Delta R.T.: 0.006 min
Response: 8759492
Conc: 46.03 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.281 min
Delta R.T.: 0.006 min
Response: 8666958
Conc: 45.96 ug/ml



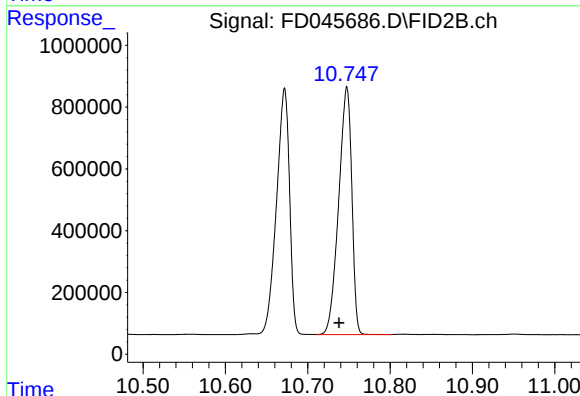
#9 Phenanthrene (C19.36)

R.T.: 10.672 min
Delta R.T.: 0.007 min
Response: 8810898
Conc: 47.40 ug/ml

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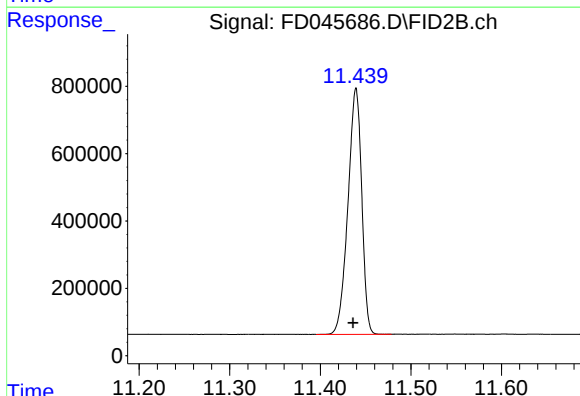
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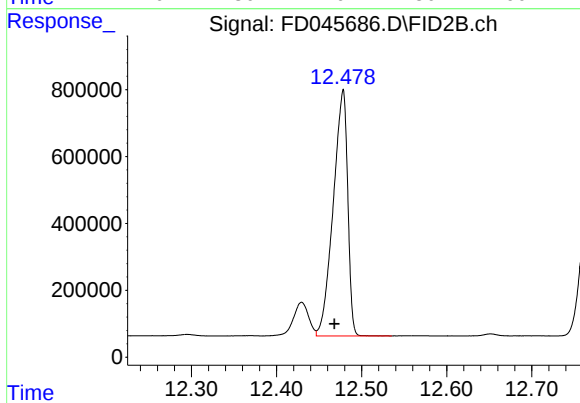
#10 Anthracene (C19.43)

R.T.: 10.747 min
Delta R.T.: 0.009 min
Response: 8870362
Conc: 49.62 ug/ml



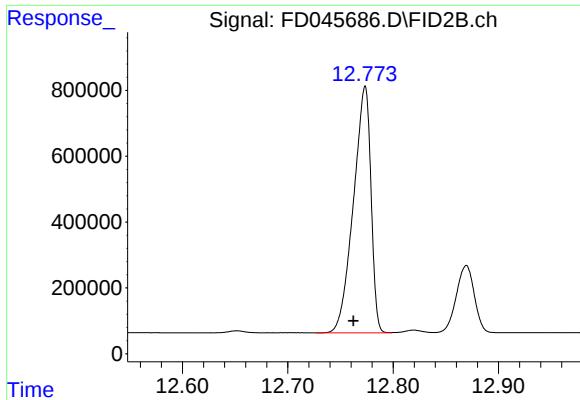
#11 ortho-Terphenyl (SURR)

R.T.: 11.439 min
Delta R.T.: 0.003 min
Response: 7715941
Conc: 36.55 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.477 min
Delta R.T.: 0.009 min
Response: 8688574
Conc: 48.16 ug/ml



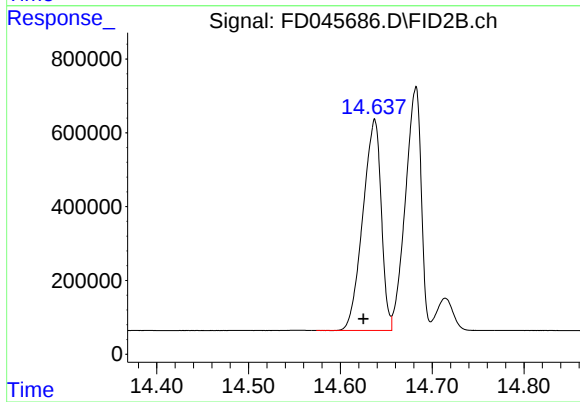
#13 Pyrene (C20.8)

R.T.: 12.773 min
Delta R.T.: 0.010 min
Response: 8661657
Conc: 49.42 ug/ml

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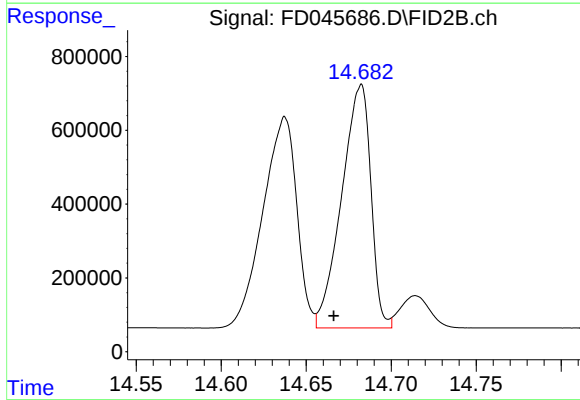
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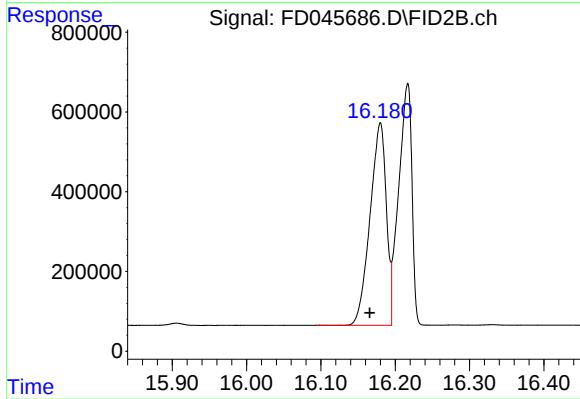
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.637 min
Delta R.T.: 0.012 min
Response: 7963487
Conc: 50.03 ug/ml



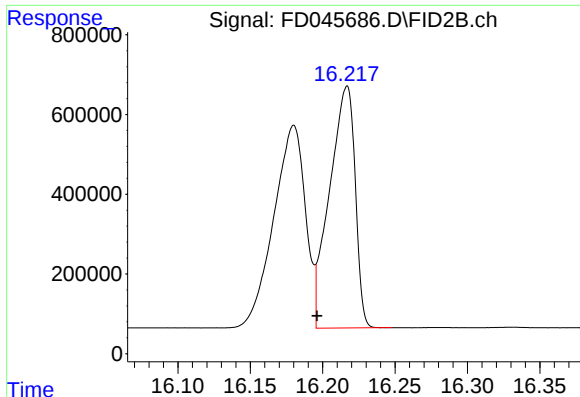
#15 Chrysene (C27.41)

R.T.: 14.682 min
Delta R.T.: 0.015 min
Response: 7902620
Conc: 48.67 ug/ml



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

R.T.: 16.180 min
Delta R.T.: 0.014 min
Response: 7730419
Conc: 52.49 ug/ml



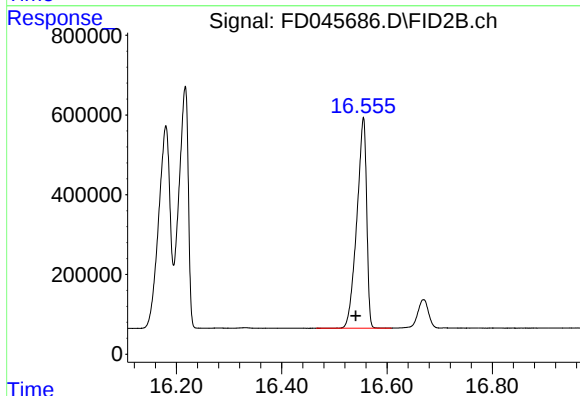
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.217 min
Delta R.T.: 0.021 min
Response: 7408078
Conc: 51.23 ug/ml

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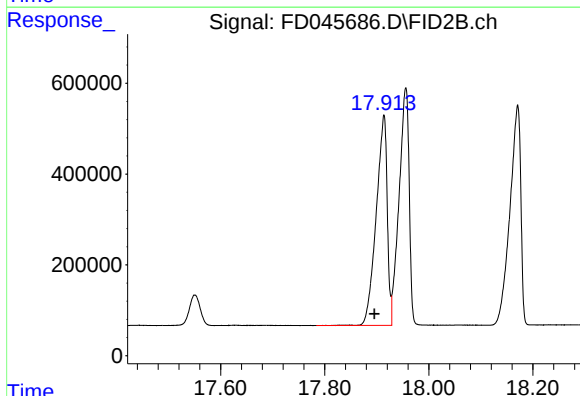
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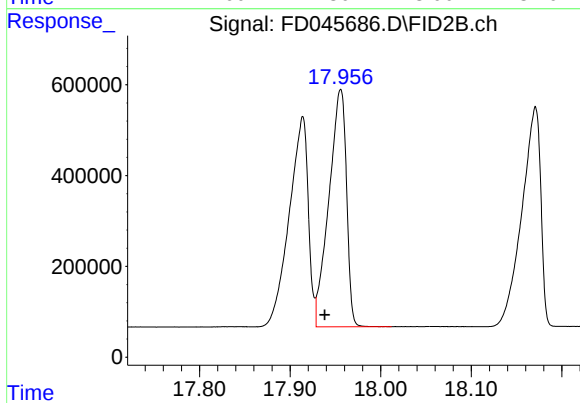
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.555 min
Delta R.T.: 0.014 min
Response: 6808660
Conc: 48.83 ug/ml



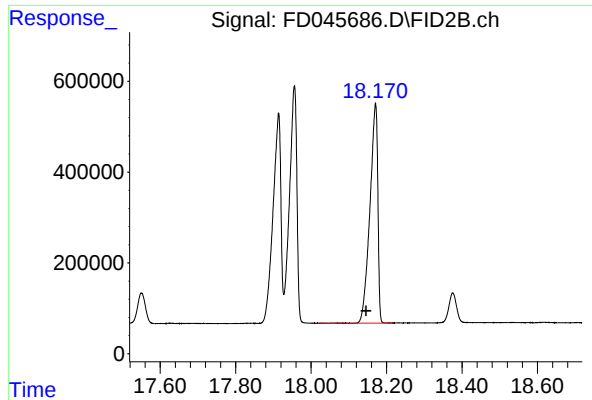
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.913 min
Delta R.T.: 0.018 min
Response: 6787278
Conc: 53.42 ug/ml



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

R.T.: 17.955 min
Delta R.T.: 0.017 min
Response: 7030030
Conc: 54.74 ug/ml



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

R.T.: 18.170 min
Delta R.T.: 0.024 min
Response: 7023148
Conc: 54.60 ug/ml

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