

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052223AR\
 Data File : FD045723.D
 Signal(s) : FID2B.ch
 Acq On : 22 May 2023 15:59
 Operator : YP/AJ
 Sample : PB152942BSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB152942BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/23/2023
 Supervised By :Ankita Jodhani 05/23/2023

Integration File: autoint1.e
 Quant Time: May 23 00:26:38 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...	7.543	8418637	49.355 ug/ml
Spiked Amount 50.000		Recovery =	98.71%
6) S 2-Fluorobiphenyl (SURR)	8.400	5673527	49.346 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	98.69%
11) S ortho-Terphenyl (SURR)	11.439	8842607	41.884 ug/ml
Spiked Amount 50.000		Recovery =	83.77%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.352	7709932	41.304 ug/ml
2) T Naphthalene (C11.7)	5.882	8729634	44.380 ug/ml
3) T 2-Methylnaphthalene (...)	6.932	8659455	43.835 ug/ml
5) T Acenaphthylene (C15.06)	8.204	9325861	51.907 ug/ml
7) T Acenaphthene (C15.5)	8.501	9856966	51.797 ug/ml
8) T Fluorene (C16.55)	9.280	9801285	51.971 ug/ml
9) T Phenanthrene (C19.36)	10.671	10063564	54.142 ug/ml
10) T Anthracene (C19.43)	10.747	10108181	56.542 ug/ml
12) T Fluoranthene (C21.85)	12.476	10004767	55.460 ug/ml
13) T Pyrene (C20.8)	12.772	9984832	56.972 ug/ml
14) T Benzo[a]anthracene (C...	14.636	9206057	57.838 ug/ml
15) T Chrysene (C27.41)	14.682	9130058	56.227 ug/ml
16) T benzo[b]fluoranthene ...	16.179	8880310	60.297 ug/ml
17) T Bnezo[k]fluoranthene ...	16.217	8549505	59.129 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.555	7751087	55.592 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.913	7639240	60.127 ug/ml
20) T Dibenz[a,h]anthracene...	17.956	7902848	61.534 ug/ml
21) T Benzo[g,h,i]perylene ...	18.171	7888040	61.326 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB152942BSD
Misc :
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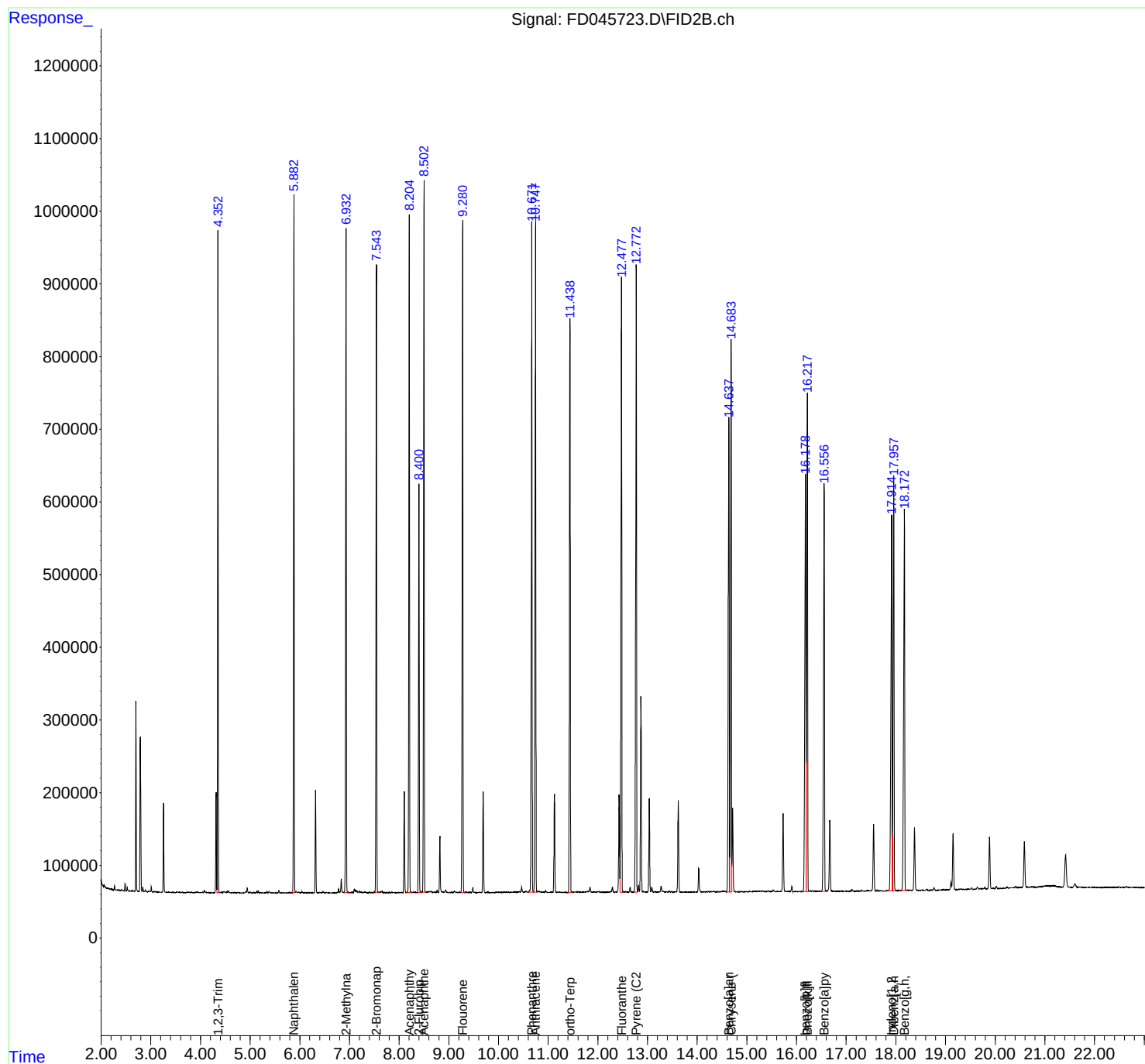
Instrument :
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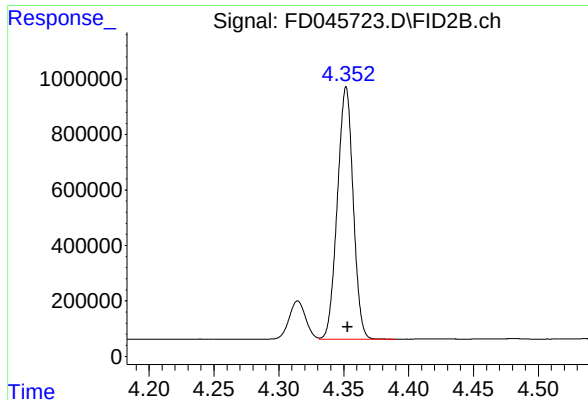
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Signal Info : 20M x 0.18mm x 0.18µm





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

R.T.: 4.352 min
Delta R.T.: -0.001 min
Response: 7709932
Conc: 41.30 ug/ml

Instrument :

FID_D

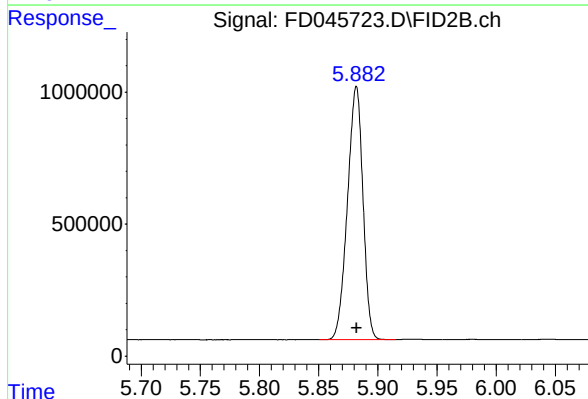
ClientSampleId :

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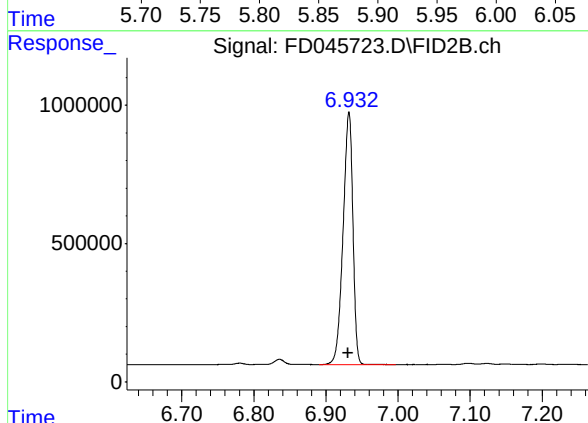
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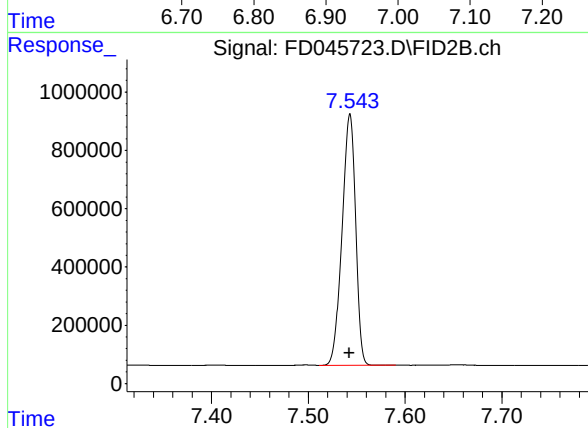
#2 Naphthalene (C11.7)

R.T.: 5.882 min
Delta R.T.: 0.000 min
Response: 8729634
Conc: 44.38 ug/ml



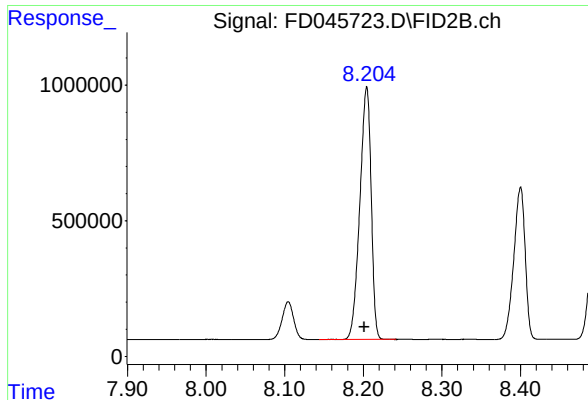
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.932 min
Delta R.T.: 0.001 min
Response: 8659455
Conc: 43.84 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.543 min
Delta R.T.: 0.000 min
Response: 8418637
Conc: 49.36 ug/ml



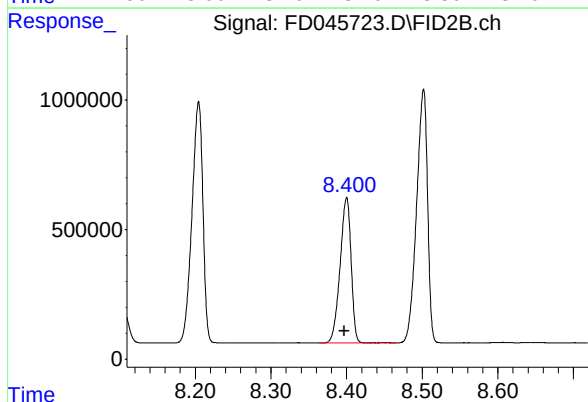
#5 Acenaphthylene (C15.06)

R.T.: 8.204 min
Delta R.T.: 0.003 min
Response: 9325861
Conc: 51.91 ug/ml

Instrument :
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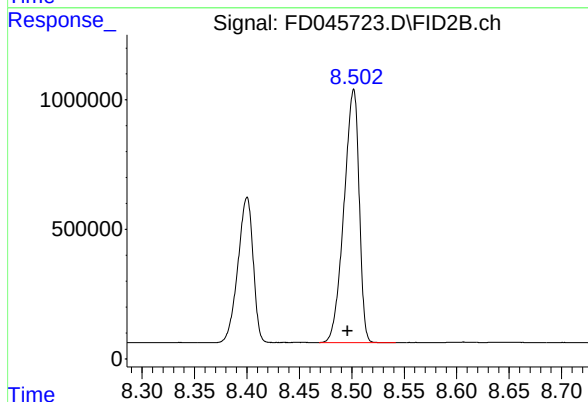
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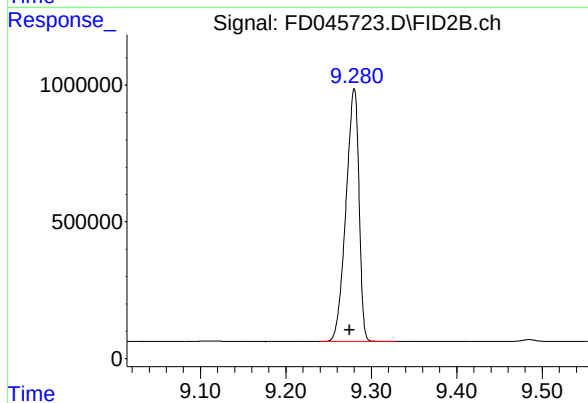
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.400 min
Delta R.T.: 0.003 min
Response: 5673527
Conc: 49.35 ug/ml



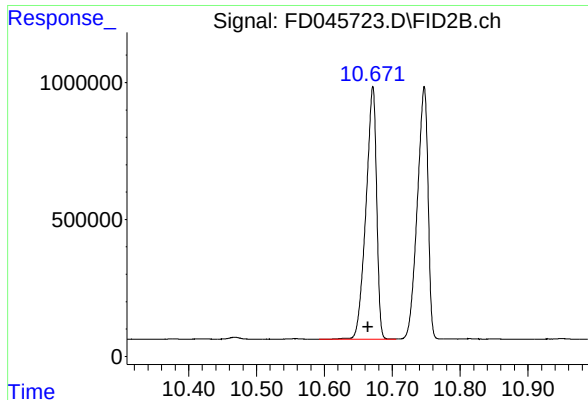
#7 Acenaphthene (C15.5)

R.T.: 8.501 min
Delta R.T.: 0.005 min
Response: 9856966
Conc: 51.80 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.280 min
Delta R.T.: 0.005 min
Response: 9801285
Conc: 51.97 ug/ml



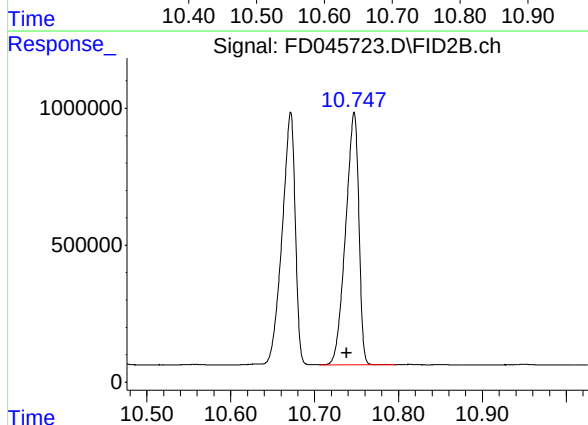
#9 Phenanthrene (C19.36)

R.T.: 10.671 min
Delta R.T.: 0.006 min
Response: 10063564
Conc: 54.14 ug/ml

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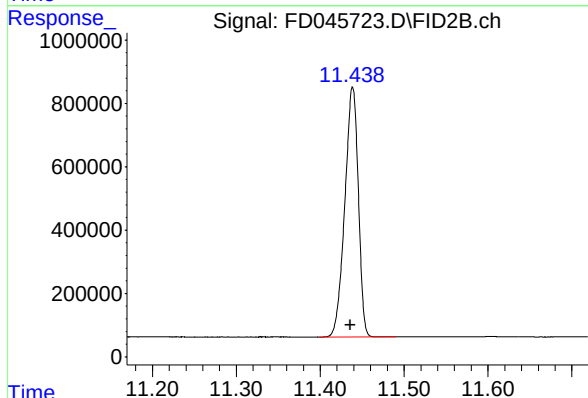
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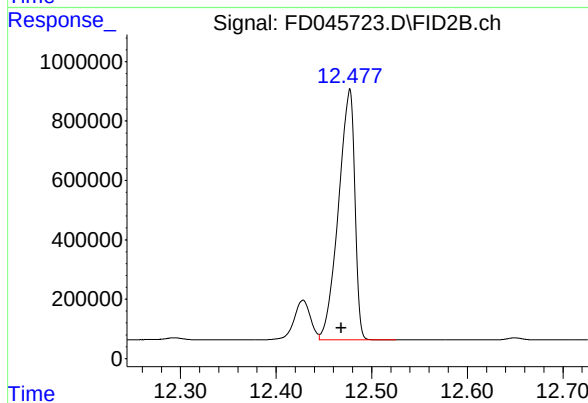
#10 Anthracene (C19.43)

R.T.: 10.747 min
Delta R.T.: 0.009 min
Response: 10108181
Conc: 56.54 ug/ml



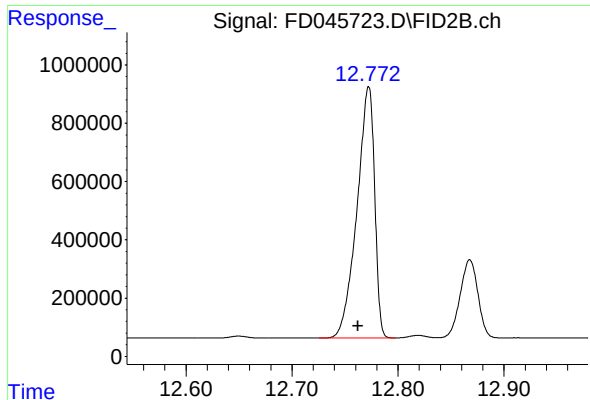
#11 ortho-Terphenyl (SURR)

R.T.: 11.439 min
Delta R.T.: 0.002 min
Response: 8842607
Conc: 41.88 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.476 min
Delta R.T.: 0.008 min
Response: 10004767
Conc: 55.46 ug/ml



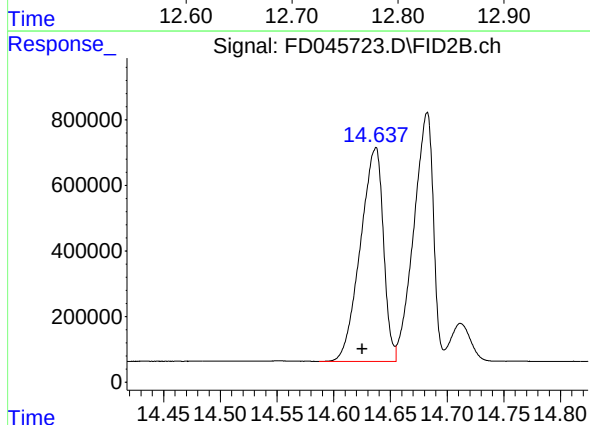
#13 Pyrene (C20.8)

R.T.: 12.772 min
Delta R.T.: 0.009 min
Response: 9984832
Conc: 56.97 ug/ml

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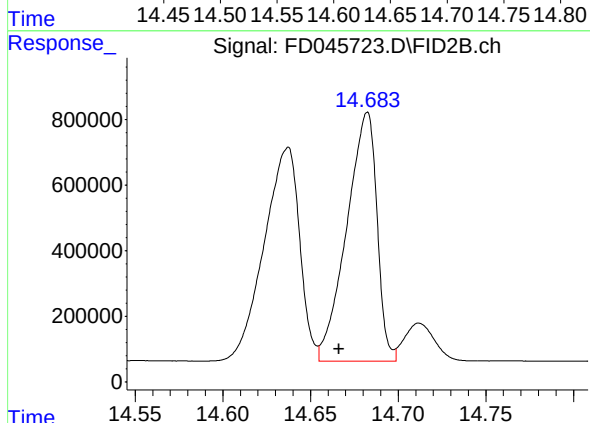
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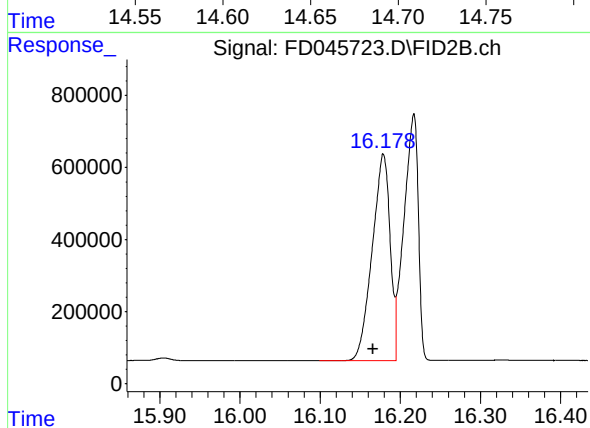
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.636 min
Delta R.T.: 0.011 min
Response: 9206057
Conc: 57.84 ug/ml



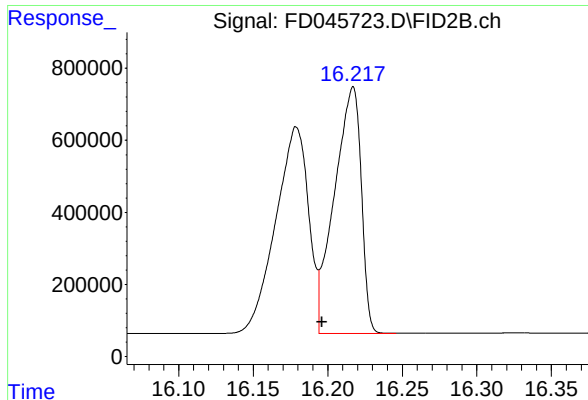
#15 Chrysene (C27.41)

R.T.: 14.682 min
Delta R.T.: 0.015 min
Response: 9130058
Conc: 56.23 ug/ml



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

R.T.: 16.179 min
Delta R.T.: 0.013 min
Response: 8880310
Conc: 60.30 ug/ml



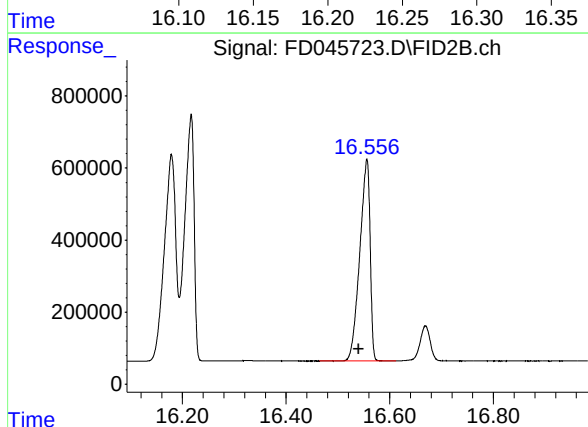
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.217 min
Delta R.T.: 0.021 min
Response: 8549505
Conc: 59.13 ug/ml

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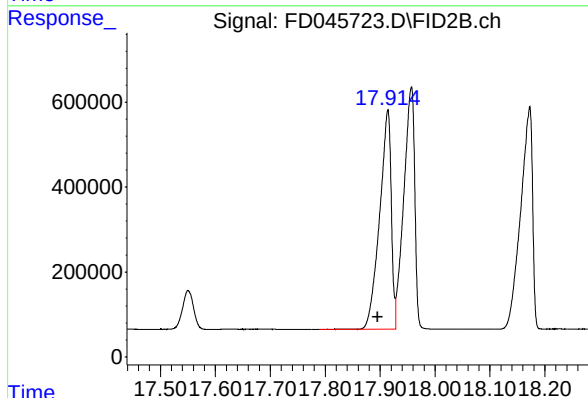
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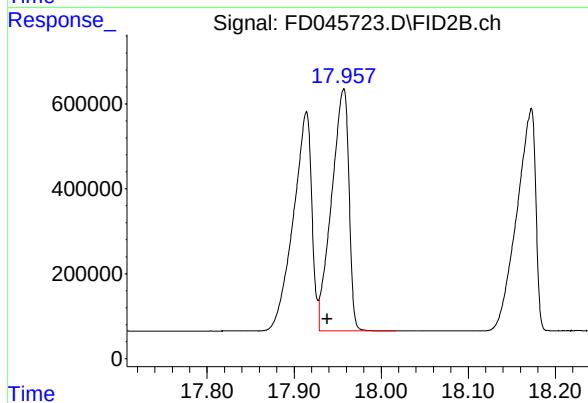
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.555 min
Delta R.T.: 0.015 min
Response: 7751087
Conc: 55.59 ug/ml



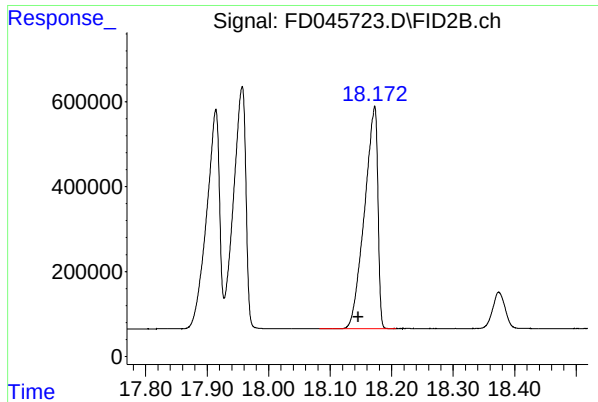
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.913 min
Delta R.T.: 0.018 min
Response: 7639240
Conc: 60.13 ug/ml



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

R.T.: 17.956 min
Delta R.T.: 0.018 min
Response: 7902848
Conc: 61.53 ug/ml



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

R.T.: 18.171 min
Delta R.T.: 0.025 min
Response: 7888040
Conc: 61.33 ug/ml

Instrument :

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