

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071724AR\
 Data File : FD048063.D
 Signal(s) : FID2B.ch
 Acq On : 18 Jul 2024 08:40
 Operator : YP/AJ
 Sample : PB162088BS
 Misc :
 ALS Vial : 81 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB162088BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 07/18/2024

Supervised By :Ankita Jodhani 07/19/2024

Integration File: autoint1.e
 Quant Time: Jul 18 09:13:12 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 13:13:15 2024
 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...	7.409	6135716	41.283 ug/ml
Spiked Amount 50.000		Recovery =	82.57%
6) S 2-Fluorobiphenyl (SURR)	8.260	4080364	43.114 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	86.23%
11) S ortho-Terphenyl (SURR)	11.298	5707363	34.111 ug/mlm
Spiked Amount 50.000		Recovery =	68.22%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.227	5740908	34.284 ug/ml
2) T Naphthalene (C11.7)	5.748	6533457	37.806 ug/ml
3) T 2-Methylnaphthalene (...)	6.796	6809231	39.252 ug/ml
5) T Acenaphthylene (C15.06)	8.064	7010600	40.909 ug/mlm
7) T Acenaphthene (C15.5)	8.360	7035526	40.556 ug/ml
8) T Flouorene (C16.55)	9.138	7196977	44.311 ug/mlm
9) T Phenanthrene (C19.36)	10.527	7410800	46.663 ug/mlm
10) T Anthracene (C19.43)	10.602	7269508	46.039 ug/ml
12) T Fluoranthene (C21.85)	12.333	7736473	48.862 ug/mlm
13) T Pyrene (C20.8)	12.627	7890892	49.902 ug/ml
14) T Benzo[a]anthracene (C...	14.496	7447213	54.547 ug/ml
15) T Chrysene (C27.41)	14.539	7483281	46.421 ug/ml
16) T benzo[b]fluoranthene ...	16.044	7414356	51.511 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.078	7345066	49.178 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.420	6981840	49.294 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.786	7294406	64.675 ug/ml
20) T Dibenz[a,h]anthracene...	17.824	6963417	47.913 ug/ml
21) T Benzo[g,h,i]perylene ...	18.038	6693939	45.423 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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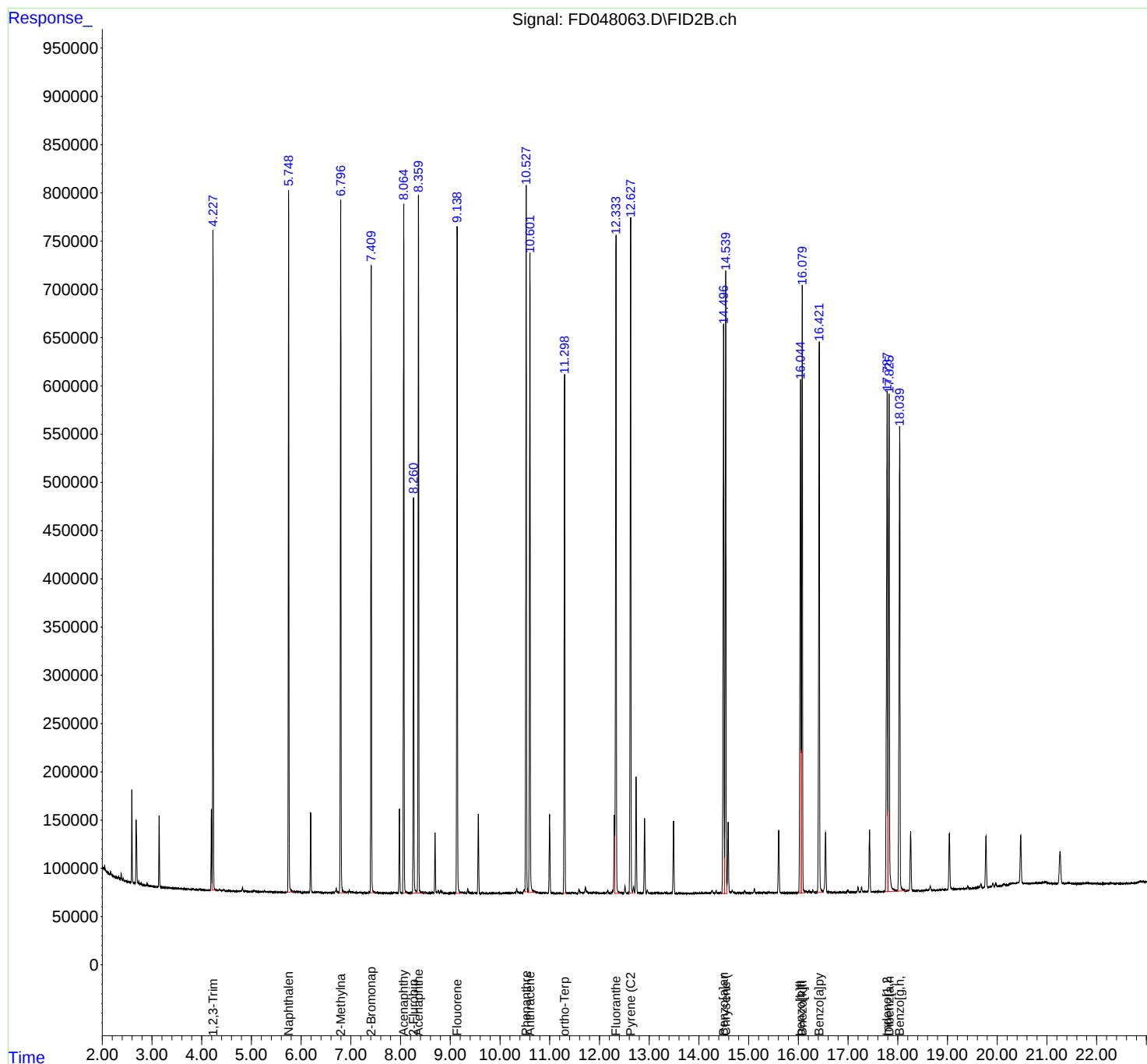
Instrument :
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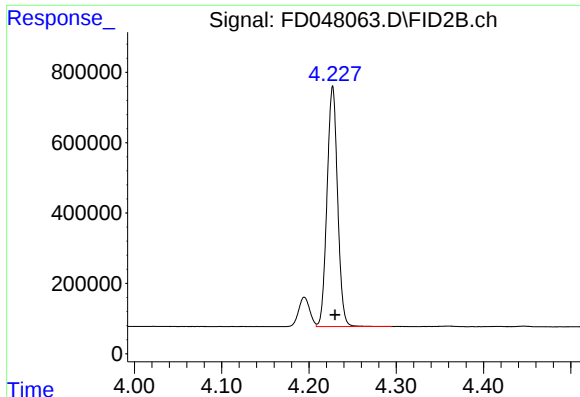
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Signal Info : 20M x 0.18mm x 0.18µm





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

R.T.: 4.227 min
Delta R.T.: -0.003 min
Response: 5740908
Conc: 34.28 ug/ml

Instrument :

FID_D

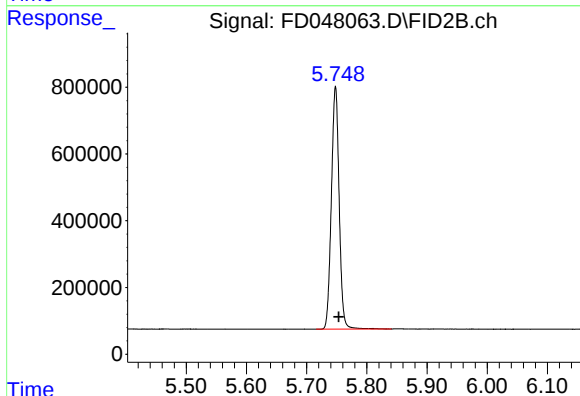
ClientSampleId :

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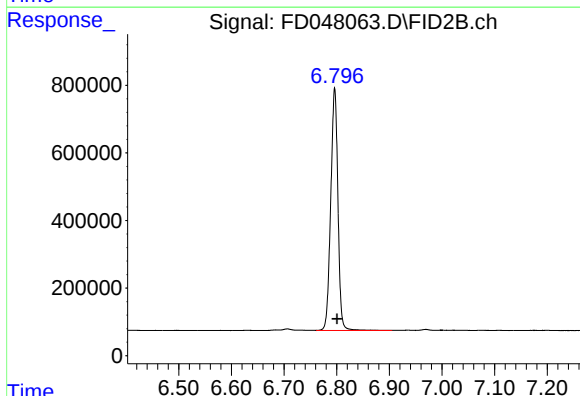
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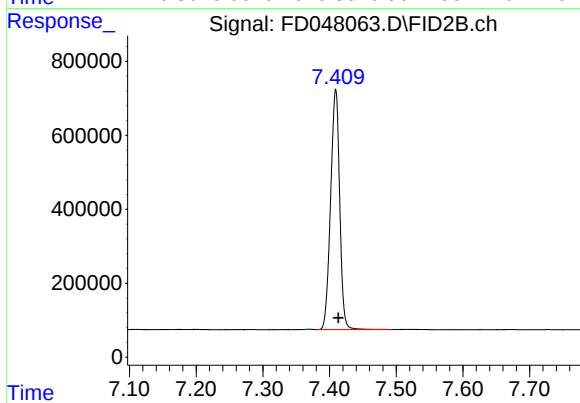
#2 Naphthalene (C11.7)

R.T.: 5.748 min
Delta R.T.: -0.005 min
Response: 6533457
Conc: 37.81 ug/ml



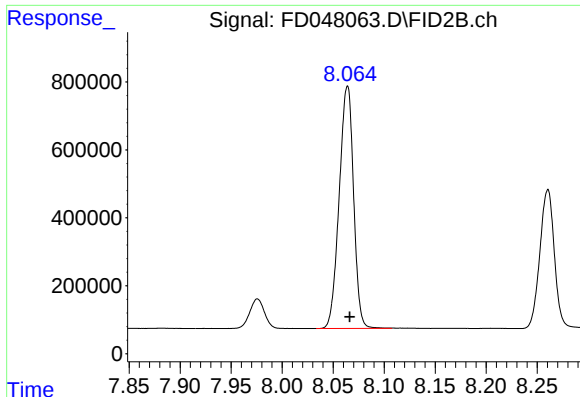
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.796 min
Delta R.T.: -0.005 min
Response: 6809231
Conc: 39.25 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.409 min
Delta R.T.: -0.004 min
Response: 6135716
Conc: 41.28 ug/ml



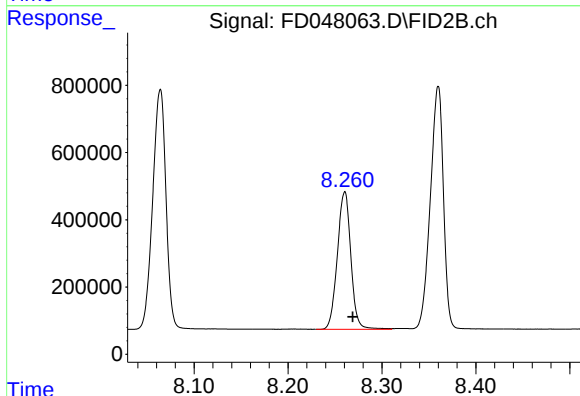
#5 Acenaphthylene (C15.06)

R.T.: 8.064 min
Delta R.T.: -0.002 min
Response: 7010600
Conc: 40.91 ug/ml

Instrument :
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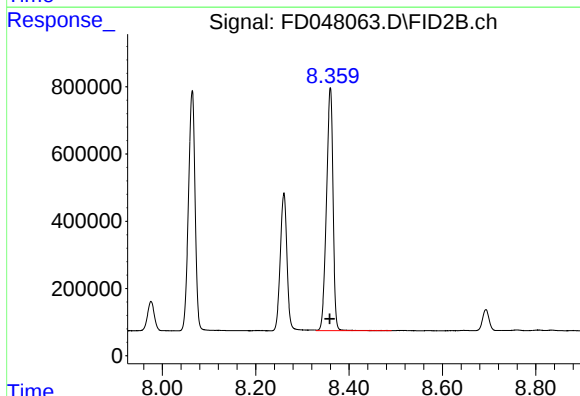
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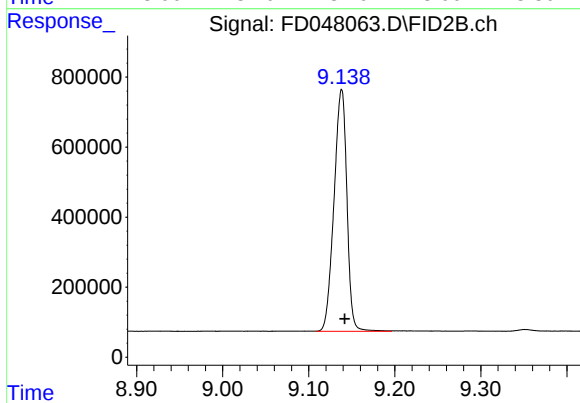
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.260 min
Delta R.T.: -0.009 min
Response: 4080364
Conc: 43.11 ug/ml



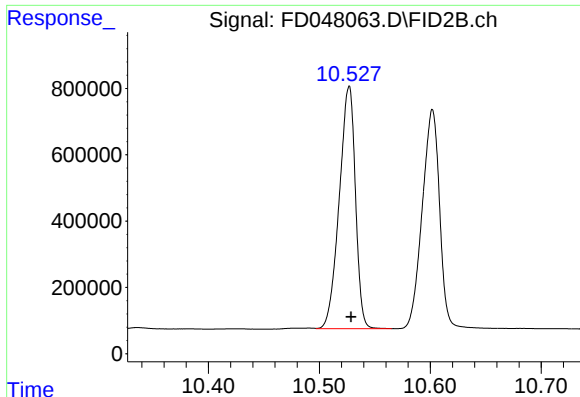
#7 Acenaphthene (C15.5)

R.T.: 8.360 min
Delta R.T.: 0.001 min
Response: 7035526
Conc: 40.56 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.138 min
Delta R.T.: -0.004 min
Response: 7196977
Conc: 44.31 ug/ml m



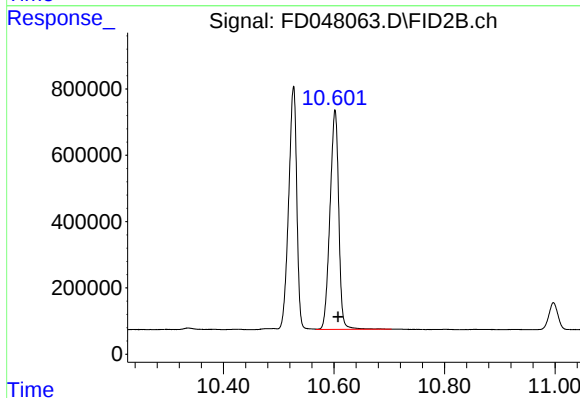
#9 Phenanthrene (C19.36)

R.T.: 10.527 min
Delta R.T.: -0.002 min
Response: 7410800
Conc: 46.66 ug/ml

Instrument :
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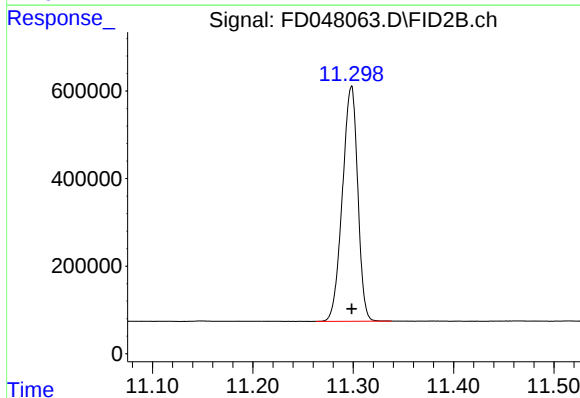
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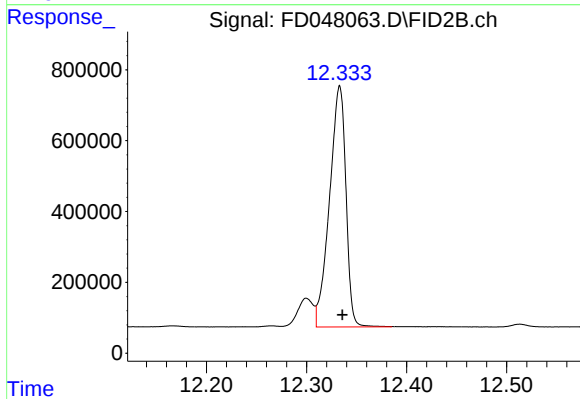
#10 Anthracene (C19.43)

R.T.: 10.602 min
Delta R.T.: -0.006 min
Response: 7269508
Conc: 46.04 ug/ml



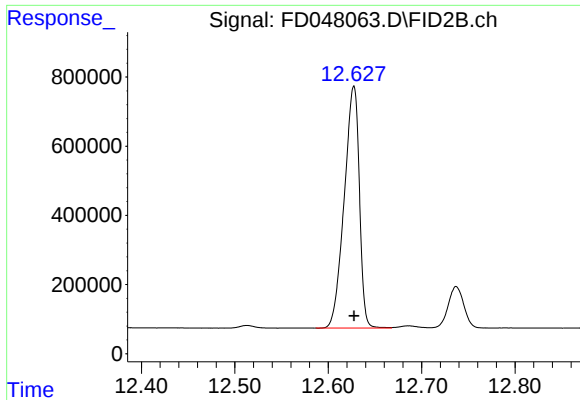
#11 ortho-Terphenyl (SURR)

R.T.: 11.298 min
Delta R.T.: 0.000 min
Response: 5707363
Conc: 34.11 ug/ml m



#12 Fluoranthene (C21.85)

R.T.: 12.333 min
Delta R.T.: -0.003 min
Response: 7736473
Conc: 48.86 ug/ml m



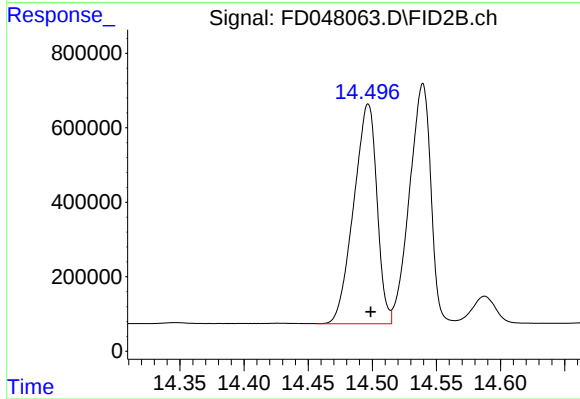
#13 Pyrene (C20.8)

R.T.: 12.627 min
Delta R.T.: 0.000 min
Response: 7890892
Conc: 49.90 ug/ml

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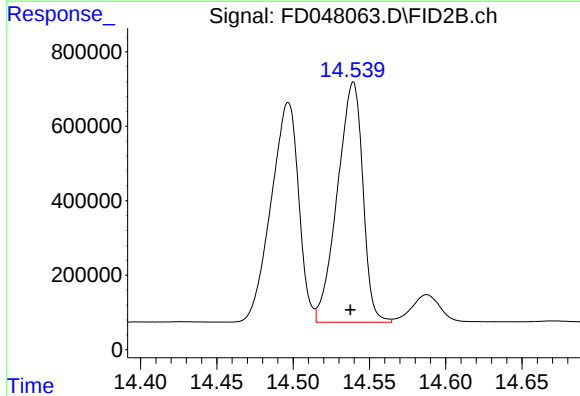
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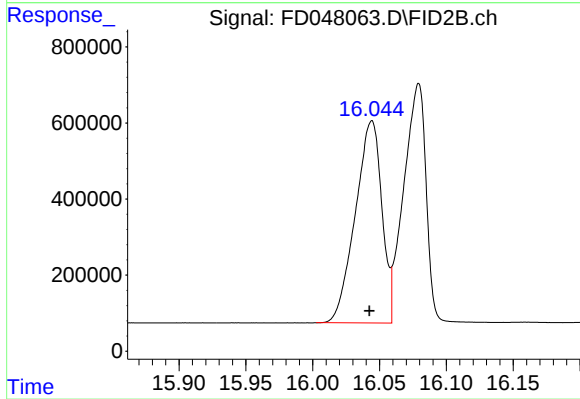
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.496 min
Delta R.T.: -0.002 min
Response: 7447213
Conc: 54.55 ug/ml



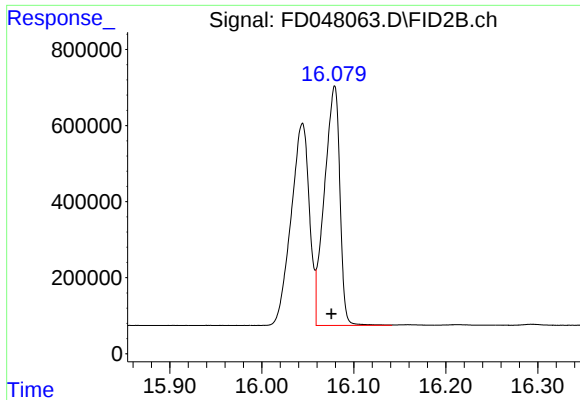
#15 Chrysene (C27.41)

R.T.: 14.539 min
Delta R.T.: 0.002 min
Response: 7483281
Conc: 46.42 ug/ml



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

R.T.: 16.044 min
Delta R.T.: 0.002 min
Response: 7414356
Conc: 51.51 ug/ml m



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

R.T.: 16.078 min
Delta R.T.: 0.003 min
Response: 7345066
Conc: 49.18 ug/ml

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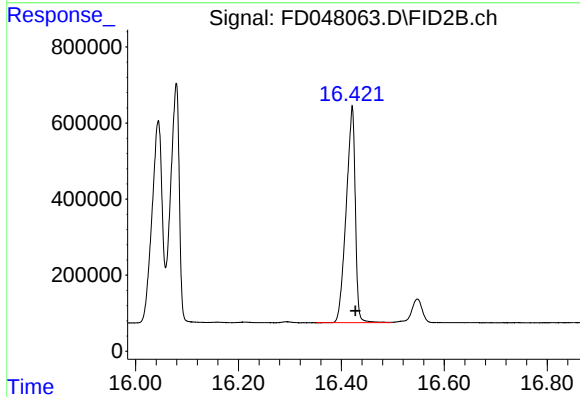
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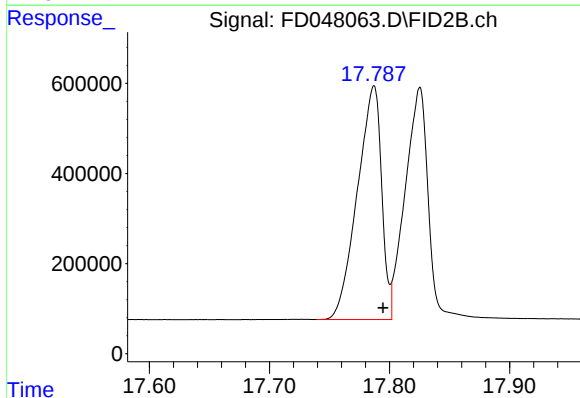
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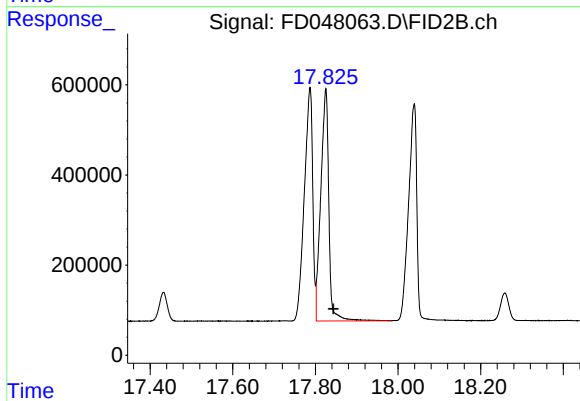
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.420 min
Delta R.T.: -0.007 min
Response: 6981840
Conc: 49.29 ug/ml



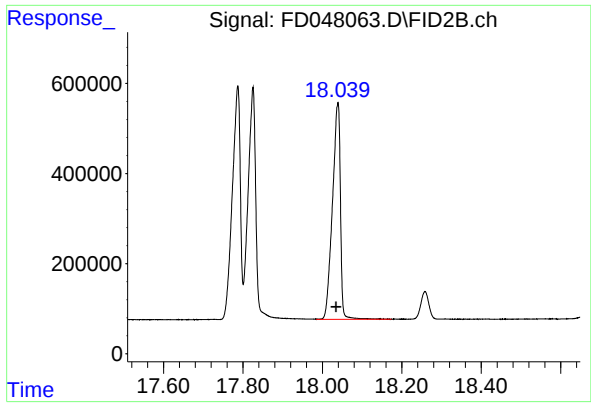
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.786 min
Delta R.T.: -0.008 min
Response: 7294406
Conc: 64.67 ug/ml



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

R.T.: 17.824 min
Delta R.T.: -0.019 min
Response: 6963417
Conc: 47.91 ug/ml



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

R.T.: 18.038 min
Delta R.T.: 0.003 min
Response: 6693939
Conc: 45.42 ug/ml

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