

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061224AR\
 Data File : FD047917.D
 Signal(s) : FID2B.ch
 Acq On : 12 Jun 2024 20:11
 Operator : YP/AJ
 Sample : PB161448BSD
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB161448BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/13/2024
 Supervised By :Ankita Jodhani 06/14/2024

Integration File: autoint1.e
 Quant Time: Jun 13 05:23:20 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052124.M
 Quant Title : GC Extractables
 QLast Update : Tue May 21 19:00:48 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...	7.429	7243593	51.596 ug/ml
Spiked Amount 50.000		Recovery =	103.19%
6) S 2-Fluorobiphenyl (SURR)	8.281	4820227	52.048 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	104.10%
11) S ortho-Terphenyl (SURR)	11.319	6743301	42.176 ug/ml
Spiked Amount 50.000		Recovery =	84.35%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.245	6740341	42.677 ug/ml
2) T Naphthalene (C11.7)	5.768	7664185	46.954 ug/ml
3) T 2-Methylnaphthalene (...)	6.817	8011000	48.616 ug/ml
5) T Acenaphthylene (C15.06)	8.085	8325546	50.938 ug/ml
7) T Acenaphthene (C15.5)	8.381	8312529	50.910 ug/ml
8) T Flouorene (C16.55)	9.160	8478204	53.893 ug/ml
9) T Phenanthrene (C19.36)	10.549	8720998	56.554 ug/ml
10) T Anthracene (C19.43)	10.625	8781263	58.412 ug/ml
12) T Fluoranthene (C21.85)	12.356	8957901	59.029 ug/ml
13) T Pyrene (C20.8)	12.650	9053792	60.056 ug/ml
14) T Benzo[a]anthracene (C...	14.519	8378097	61.117 ug/mlm
15) T Chrysene (C27.41)	14.563	8377170	56.864 ug/mlm
16) T benzo[b]fluoranthene ...	16.069	8251731	58.630 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.103	8288098	60.862 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.444	7973440	57.605 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.810	7971820	69.151 ug/mlm
20) T Dibenz[a,h]anthracene...	17.848	7778149	58.331 ug/ml
21) T Benzo[g,h,i]perylene ...	18.063	7768348	58.414 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB161448BSD
Misc :
ALS Vial : 69 Sample Multiplier: 1

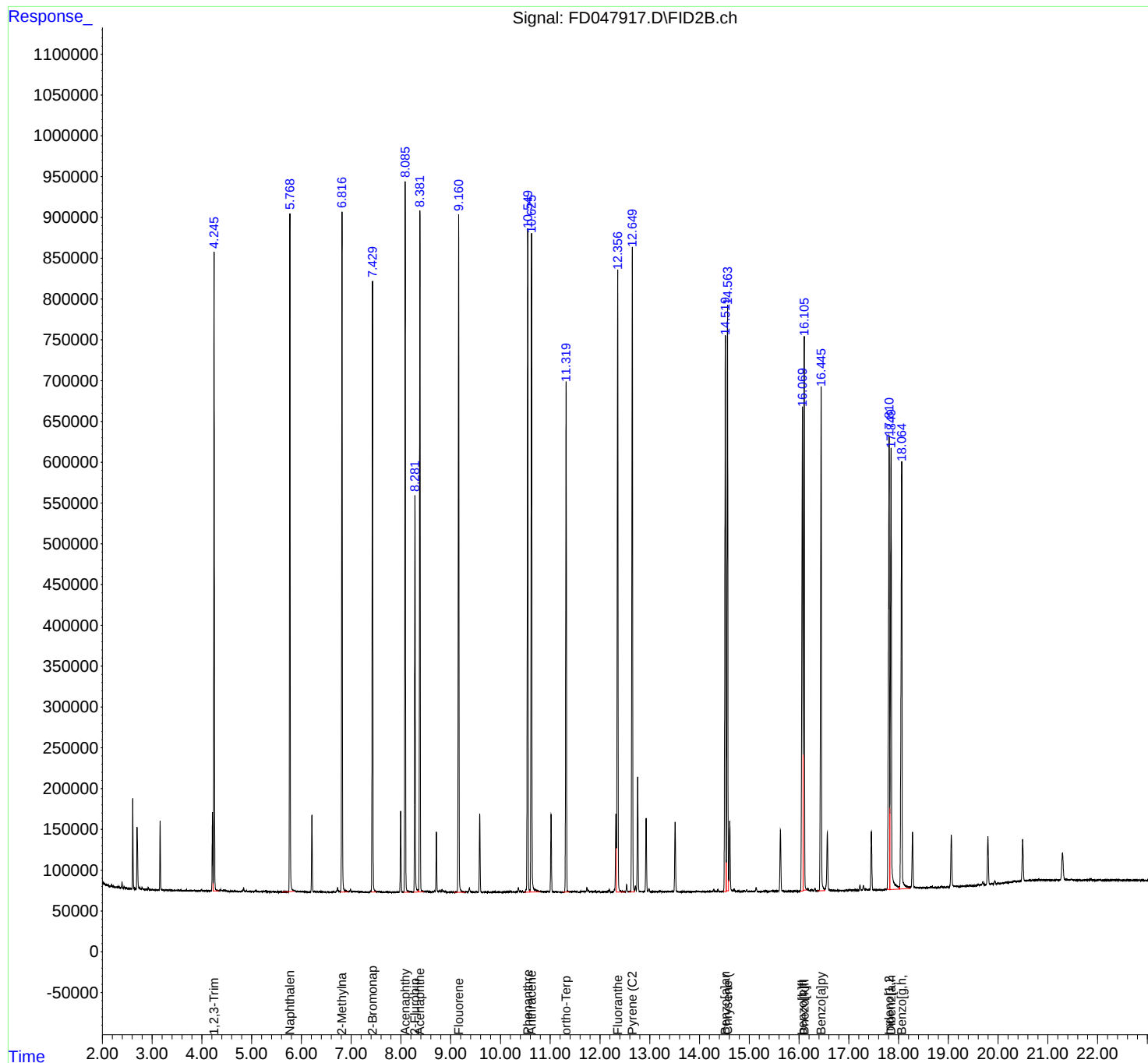
Instrument :
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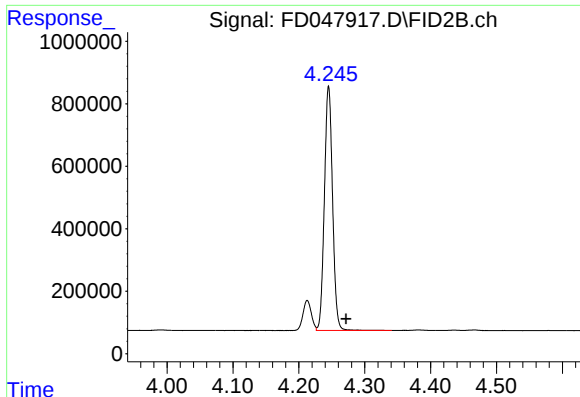
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Signal Info : 20M x 0.18mm x 0.18µm





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

R.T.: 4.245 min
Delta R.T.: -0.027 min
Response: 6740341
Conc: 42.68 ug/ml

Instrument :

FID_D

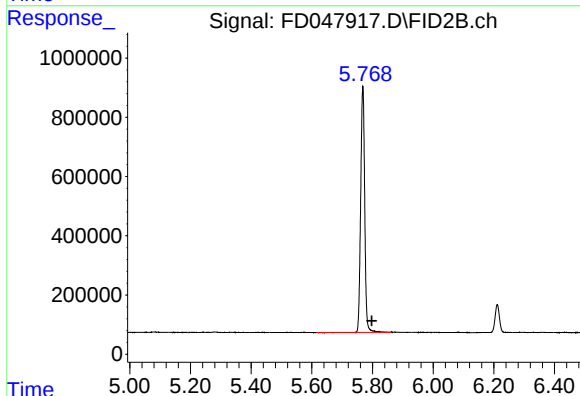
ClientSampleId :

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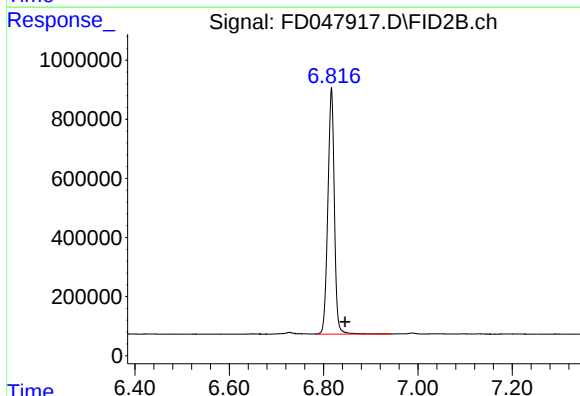
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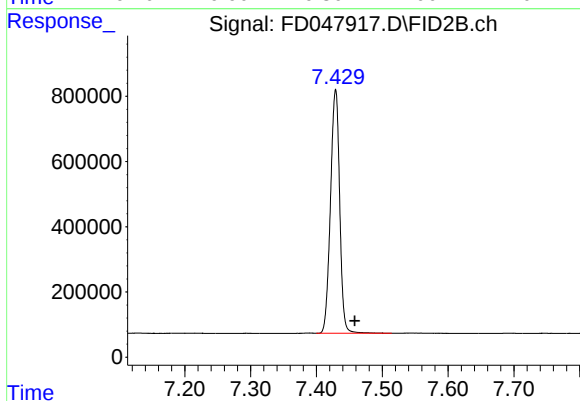
#2 Naphthalene (C11.7)

R.T.: 5.768 min
Delta R.T.: -0.029 min
Response: 7664185
Conc: 46.95 ug/ml



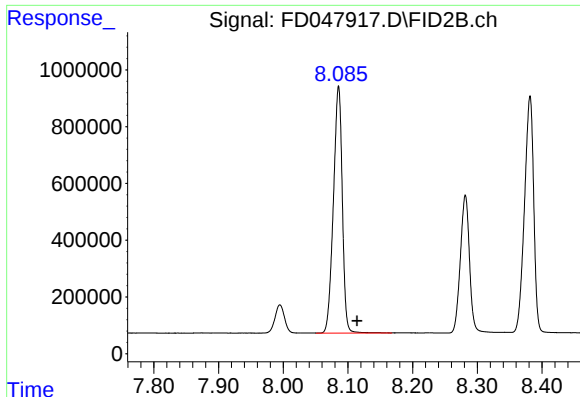
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.817 min
Delta R.T.: -0.029 min
Response: 8011000
Conc: 48.62 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.429 min
Delta R.T.: -0.029 min
Response: 7243593
Conc: 51.60 ug/ml



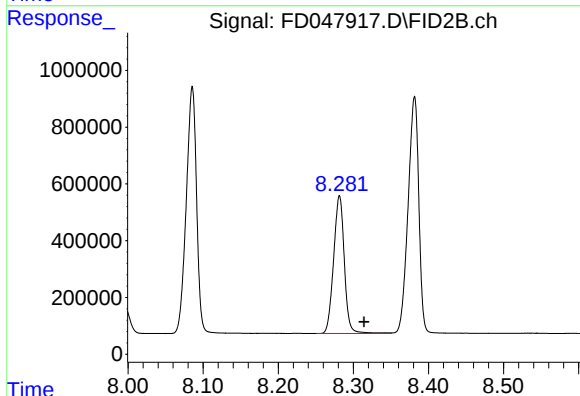
#5 Acenaphthylene (C15.06)

R.T.: 8.085 min
Delta R.T.: -0.029 min
Response: 8325546
Conc: 50.94 ug/ml

Instrument :
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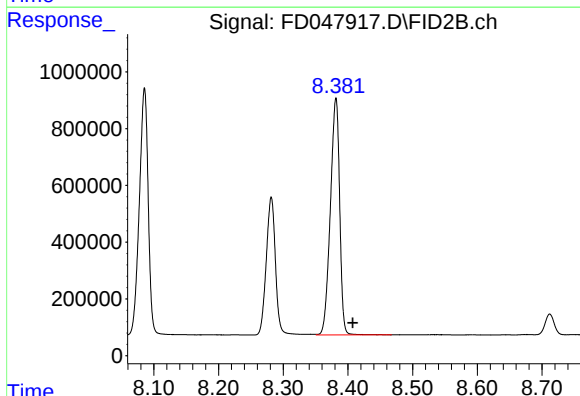
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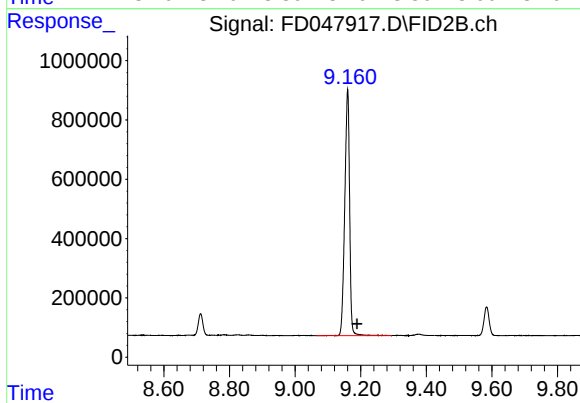
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.281 min
Delta R.T.: -0.033 min
Response: 4820227
Conc: 52.05 ug/ml



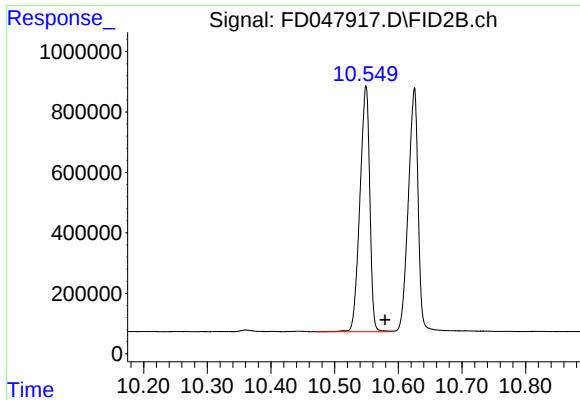
#7 Acenaphthene (C15.5)

R.T.: 8.381 min
Delta R.T.: -0.026 min
Response: 8312529
Conc: 50.91 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.160 min
Delta R.T.: -0.029 min
Response: 8478204
Conc: 53.89 ug/ml



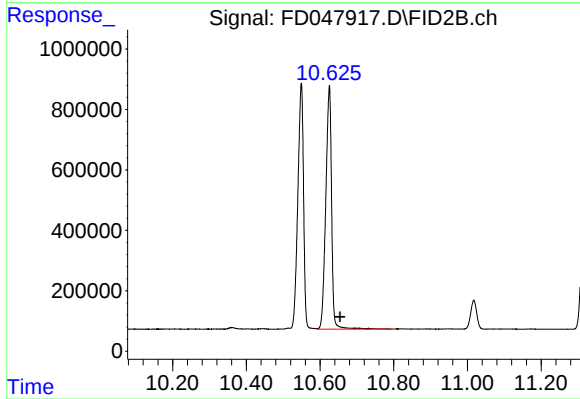
#9 Phenanthrene (C19.36)

R.T.: 10.549 min
Delta R.T.: -0.030 min
Response: 8720998
Conc: 56.55 ug/ml

Instrument :
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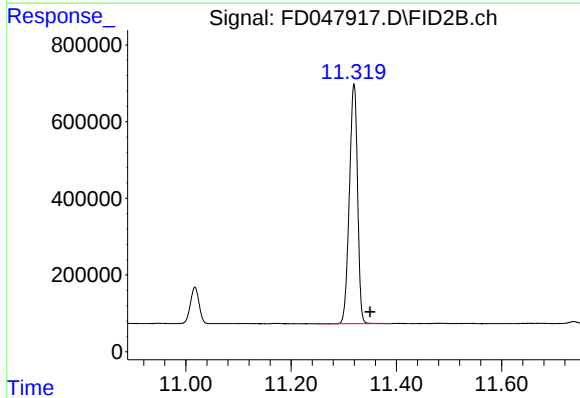
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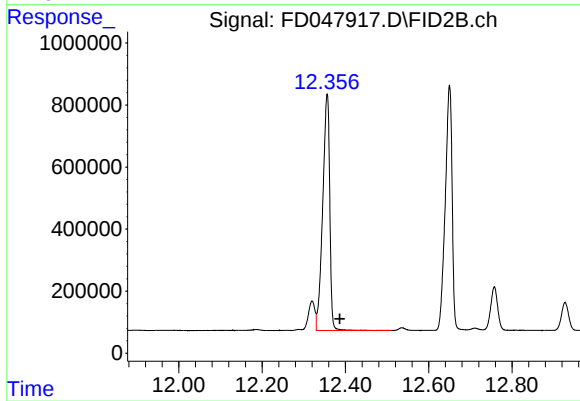
#10 Anthracene (C19.43)

R.T.: 10.625 min
Delta R.T.: -0.030 min
Response: 8781263
Conc: 58.41 ug/ml



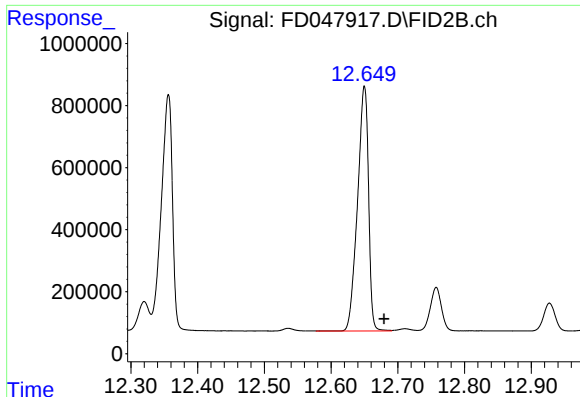
#11 ortho-Terphenyl (SURR)

R.T.: 11.319 min
Delta R.T.: -0.030 min
Response: 6743301
Conc: 42.18 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.356 min
Delta R.T.: -0.030 min
Response: 8957901
Conc: 59.03 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.650 min
Delta R.T.: -0.030 min
Response: 9053792
Conc: 60.06 ug/ml

Instrument :

FID_D

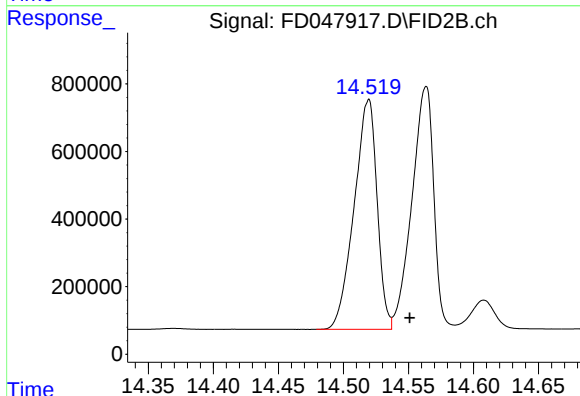
ClientSampleId :

PB161448BSD

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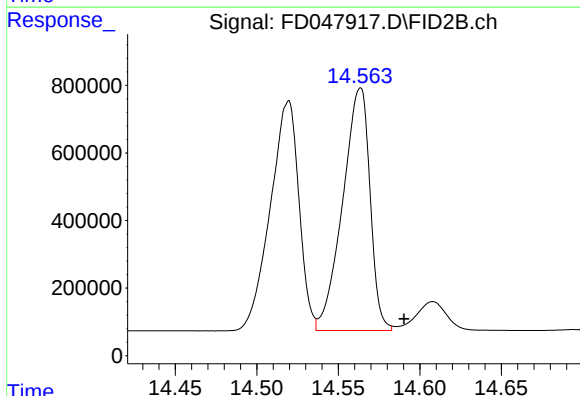
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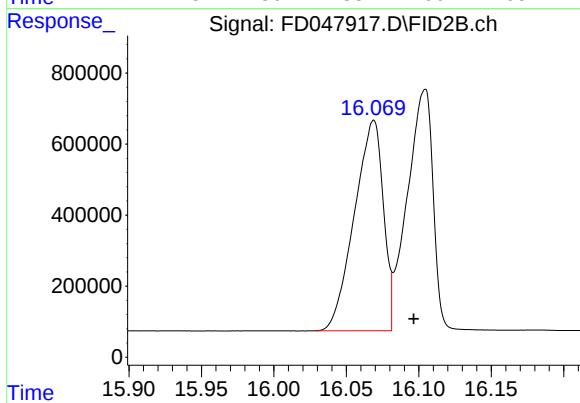
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.519 min
Delta R.T.: -0.031 min
Response: 8378097
Conc: 61.12 ug/ml m



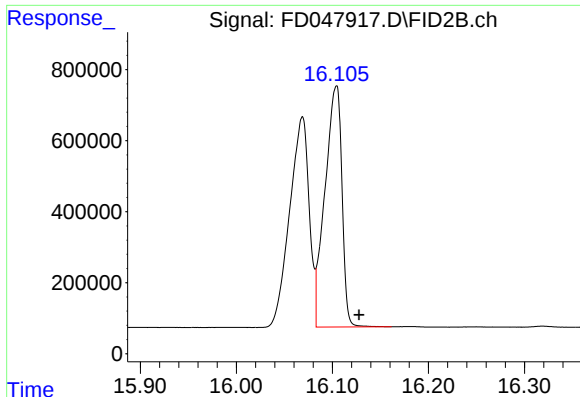
#15 Chrysene (C27.41)

R.T.: 14.563 min
Delta R.T.: -0.027 min
Response: 8377170
Conc: 56.86 ug/ml m



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

R.T.: 16.069 min
Delta R.T.: -0.028 min
Response: 8251731
Conc: 58.63 ug/ml m



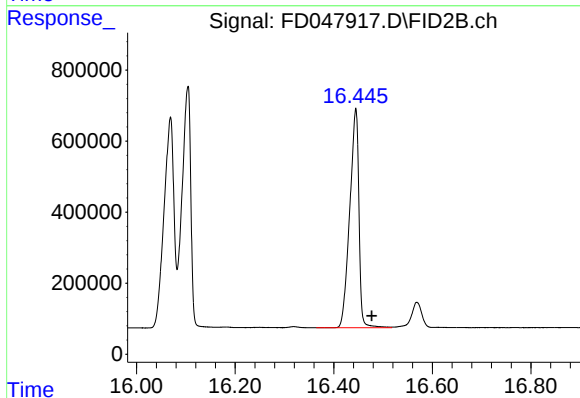
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.103 min
Delta R.T.: -0.025 min
Response: 8288098
Conc: 60.86 ug/ml

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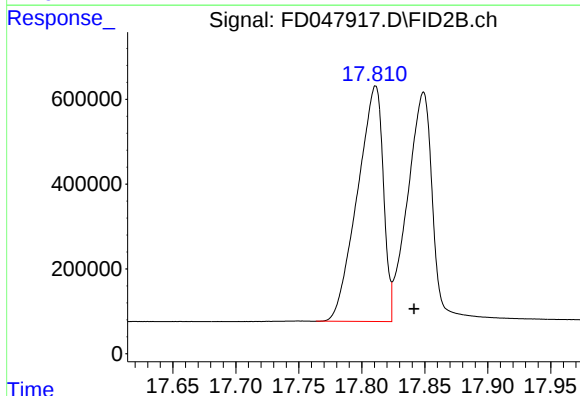
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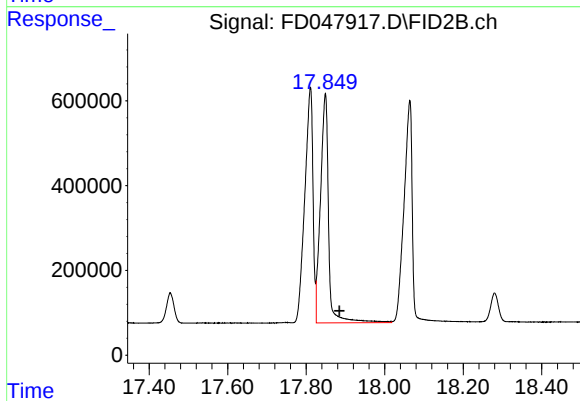
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.444 min
Delta R.T.: -0.033 min
Response: 7973440
Conc: 57.60 ug/ml



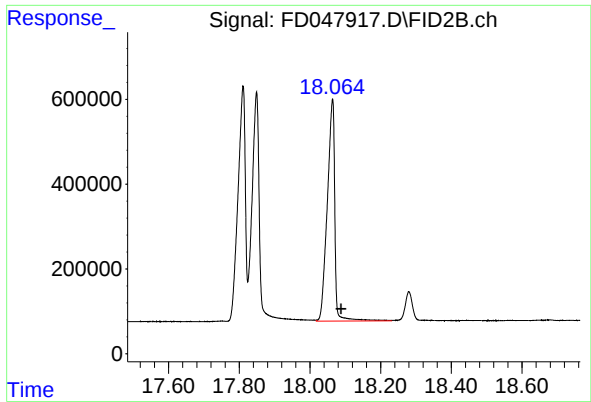
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.810 min
Delta R.T.: -0.031 min
Response: 7971820
Conc: 69.15 ug/ml m



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

R.T.: 17.848 min
Delta R.T.: -0.037 min
Response: 7778149
Conc: 58.33 ug/ml



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

R.T.: 18.063 min
Delta R.T.: -0.025 min
Response: 7768348
Conc: 58.41 ug/ml

Instrument :
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