

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061224AR\
 Data File : FD047916.D
 Signal(s) : FID2B.ch
 Acq On : 12 Jun 2024 19:34
 Operator : YP/AJ
 Sample : PB161448BS
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB161448BS

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 05:22:50 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	7162415	51.017 ug/ml
Spiked Amount 50.000		Recovery =	102.03%
6) S 2-Fluorobiphenyl (SURR)	8.281	4758922	51.386 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	102.77%
11) S ortho-Terphenyl (SURR)	11.320	6638691	41.521 ug/ml
Spiked Amount 50.000		Recovery =	83.04%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.245	6631180	41.986 ug/ml
2) T Naphthalene (C11.7)	5.768	7555409	46.288 ug/ml
3) T 2-Methylnaphthalene (...)	6.817	7910564	48.007 ug/ml
5) T Acenaphthylene (C15.06)	8.085	8209474	50.228 ug/ml
7) T Acenaphthene (C15.5)	8.381	8209144	50.276 ug/ml
8) T Flouorene (C16.55)	9.159	8349578	53.076 ug/ml
9) T Phenanthrene (C19.36)	10.548	8582844	55.658 ug/ml
10) T Anthracene (C19.43)	10.624	8645819	57.511 ug/ml
12) T Fluoranthene (C21.85)	12.355	9794659	64.543 ug/ml
13) T Pyrene (C20.8)	12.650	8883596	58.927 ug/ml
14) T Benzo[a]anthracene (C...	14.520	8194652	59.778 ug/mlm
15) T Chrysene (C27.41)	14.563	8235175	55.900 ug/mlm
16) T benzo[b]fluoranthene ...	16.067	8324016	59.144 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.103	8106968	59.532 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.444	7789842	56.278 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.810	7774762	67.442 ug/mlm
20) T Dibenz[a,h]anthracene...	17.847	7411908	55.584 ug/ml
21) T Benzo[g,h,i]perylene ...	18.063	7510815	56.478 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : PB161448BS
Misc :
ALS Vial : 68 Sample Multiplier: 1

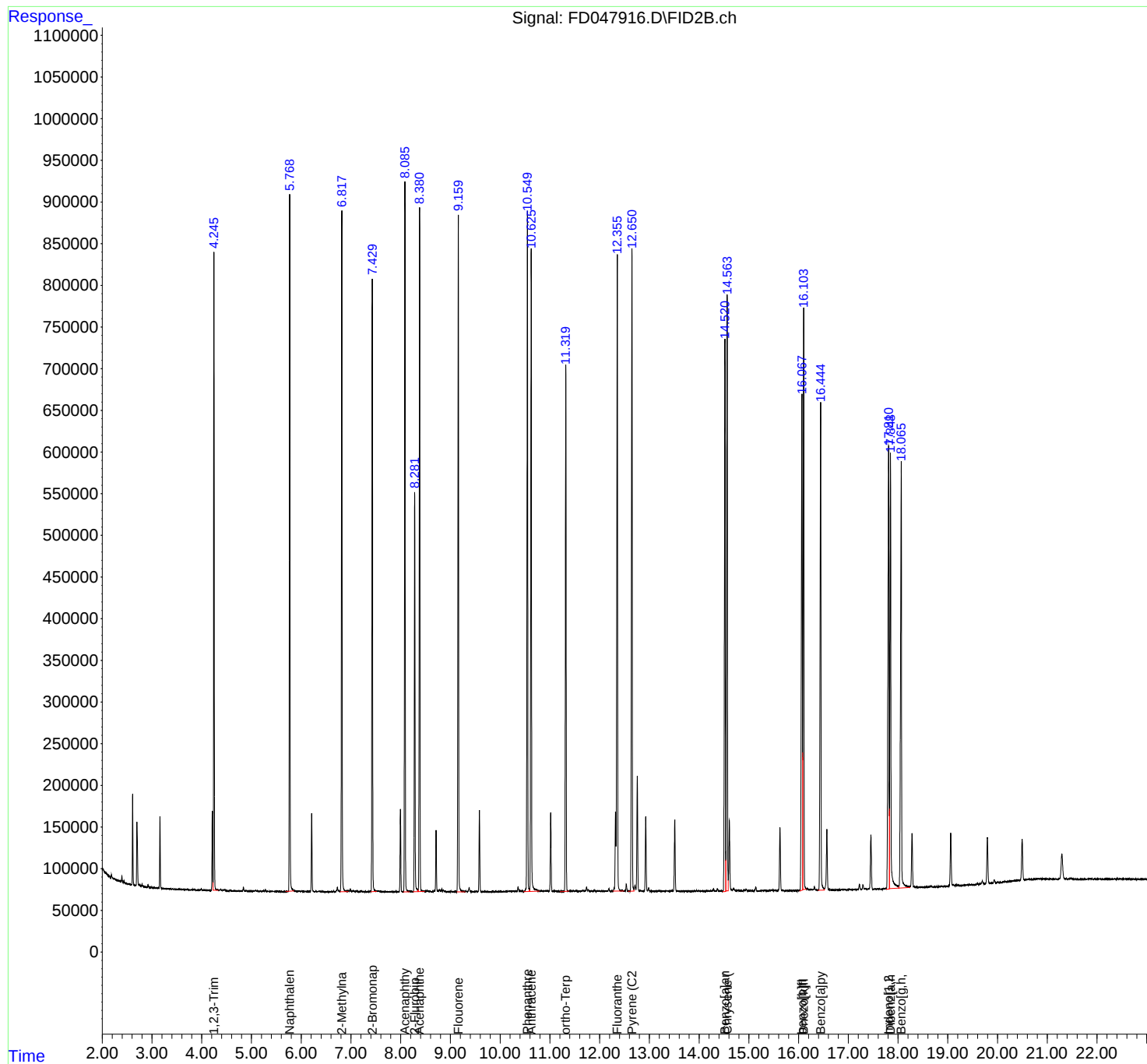
Instrument :
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PB161448BS

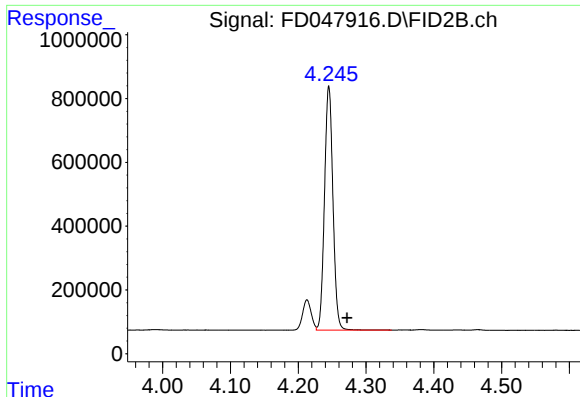
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Integration File: autoint1.e
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Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
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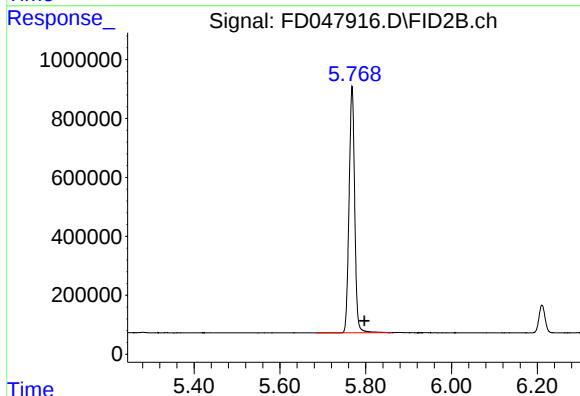
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.245 min
Delta R.T.: -0.027 min
Response: 6631180
Conc: 41.99 ug/ml

Instrument :
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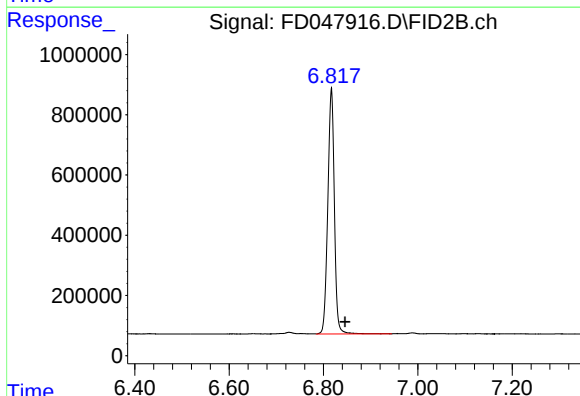
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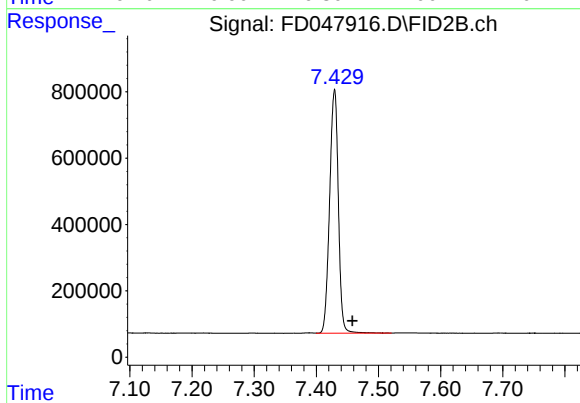
#2 Naphthalene (C11.7)

R.T.: 5.768 min
Delta R.T.: -0.029 min
Response: 7555409
Conc: 46.29 ug/ml



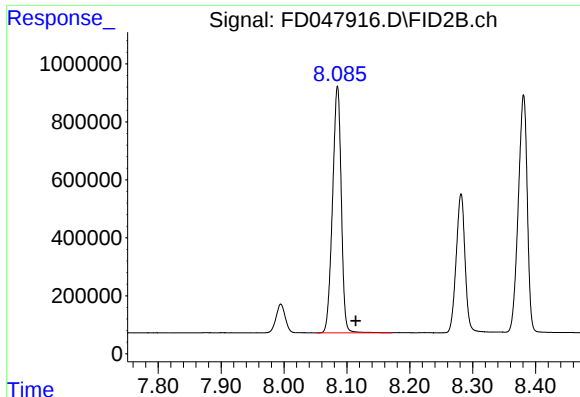
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.817 min
Delta R.T.: -0.029 min
Response: 7910564
Conc: 48.01 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.429 min
Delta R.T.: -0.029 min
Response: 7162415
Conc: 51.02 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.085 min
Delta R.T.: -0.029 min
Response: 8209474
Conc: 50.23 ug/ml

Instrument :

FID_D

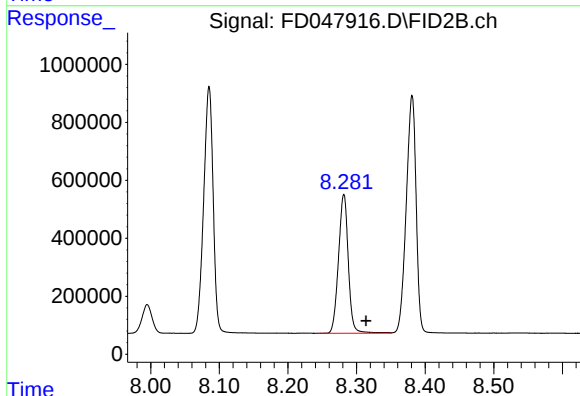
ClientSampleId :

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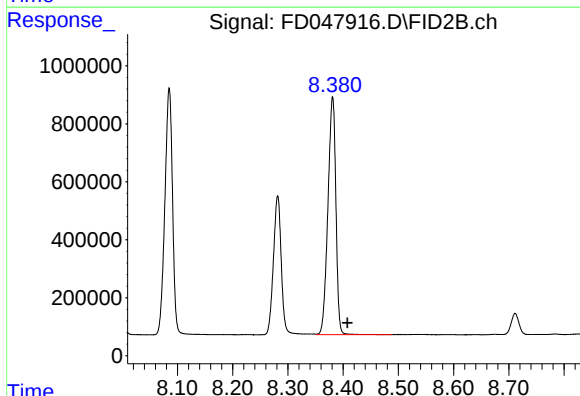
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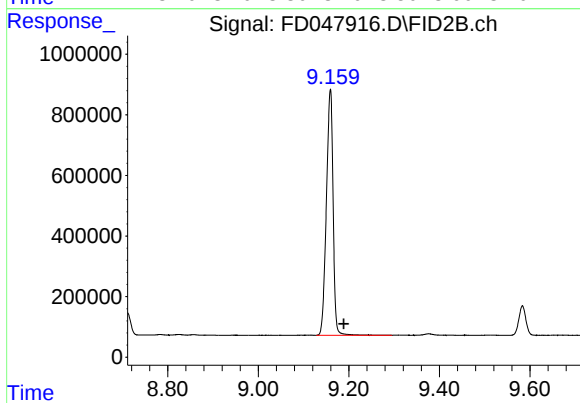
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.281 min
Delta R.T.: -0.033 min
Response: 4758922
Conc: 51.39 ug/ml



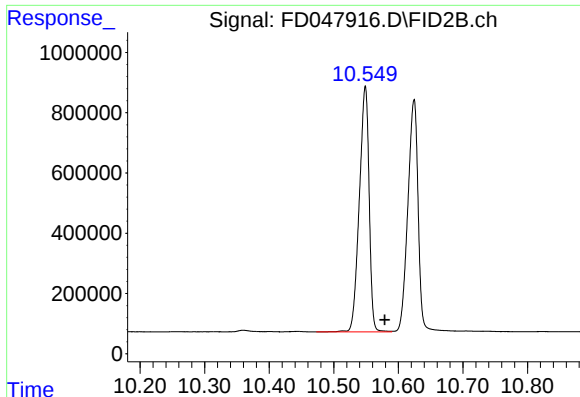
#7 Acenaphthene (C15.5)

R.T.: 8.381 min
Delta R.T.: -0.027 min
Response: 8209144
Conc: 50.28 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.159 min
Delta R.T.: -0.030 min
Response: 8349578
Conc: 53.08 ug/ml



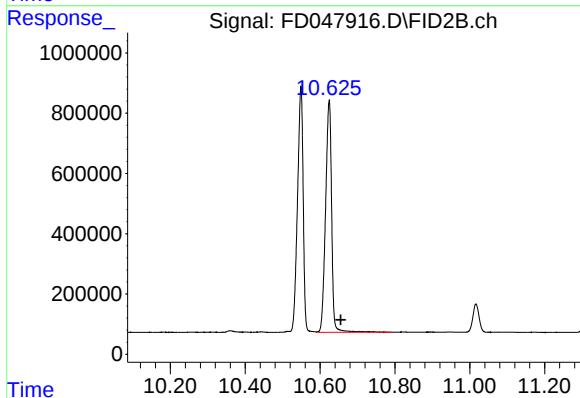
#9 Phenanthrene (C19.36)

R.T.: 10.548 min
Delta R.T.: -0.031 min
Response: 8582844
Conc: 55.66 ug/ml

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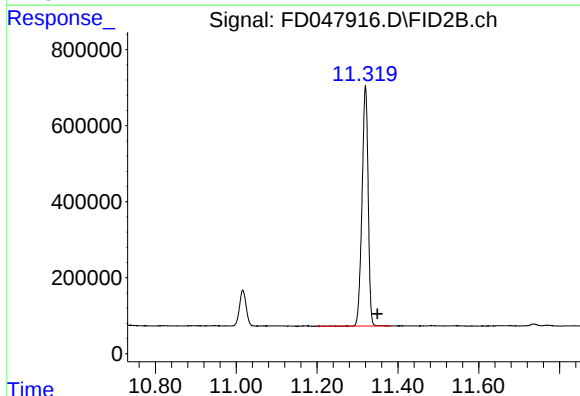
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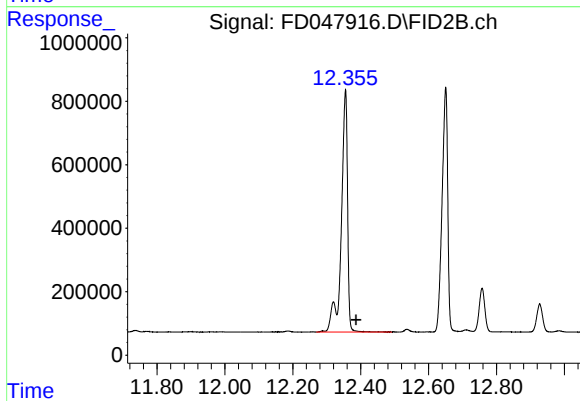
#10 Anthracene (C19.43)

R.T.: 10.624 min
Delta R.T.: -0.031 min
Response: 8645819
Conc: 57.51 ug/ml



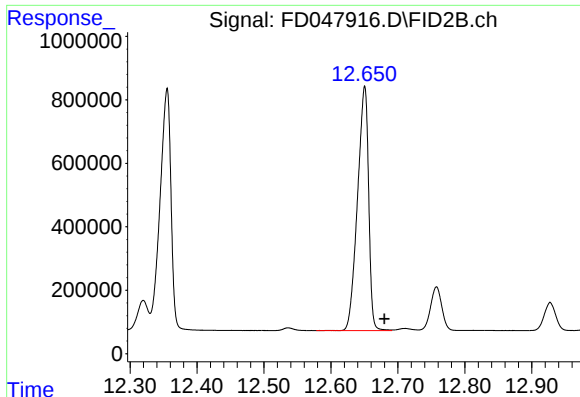
#11 ortho-Terphenyl (SURR)

R.T.: 11.320 min
Delta R.T.: -0.030 min
Response: 6638691
Conc: 41.52 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.355 min
Delta R.T.: -0.032 min
Response: 9794659
Conc: 64.54 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.650 min
Delta R.T.: -0.030 min
Response: 8883596
Conc: 58.93 ug/ml

Instrument :

FID_D

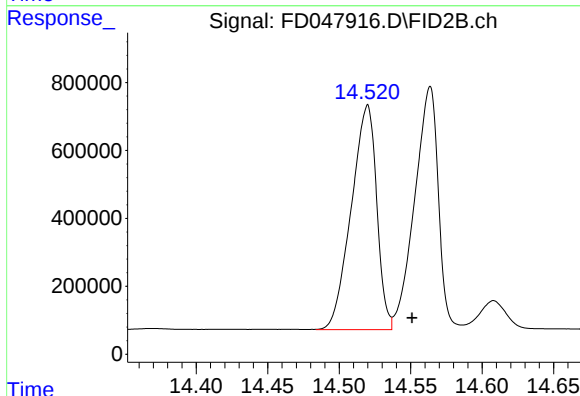
ClientSampleId :

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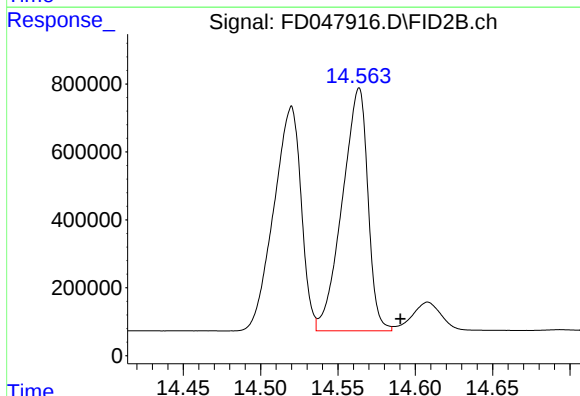
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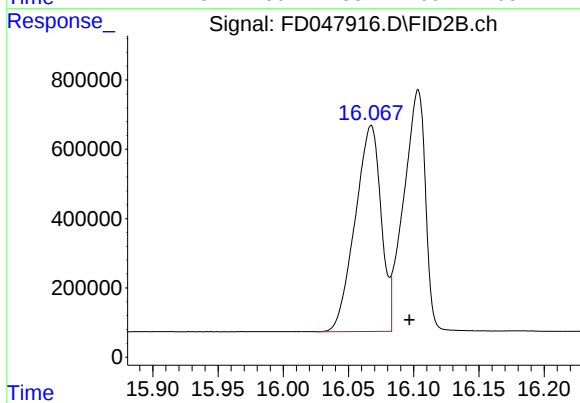
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.520 min
Delta R.T.: -0.031 min
Response: 8194652
Conc: 59.78 ug/ml m



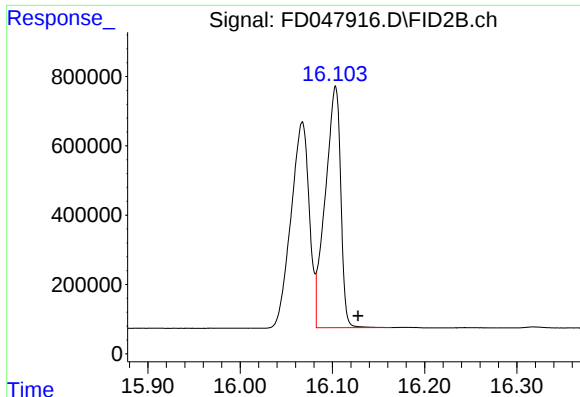
#15 Chrysene (C27.41)

R.T.: 14.563 min
Delta R.T.: -0.027 min
Response: 8235175
Conc: 55.90 ug/ml m



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

R.T.: 16.067 min
Delta R.T.: -0.029 min
Response: 8324016
Conc: 59.14 ug/ml m



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

R.T.: 16.103 min
Delta R.T.: -0.025 min
Response: 8106968
Conc: 59.53 ug/ml

Instrument :

FID_D

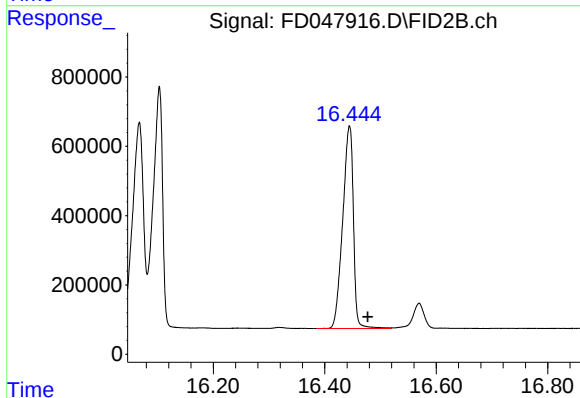
ClientSampleId :

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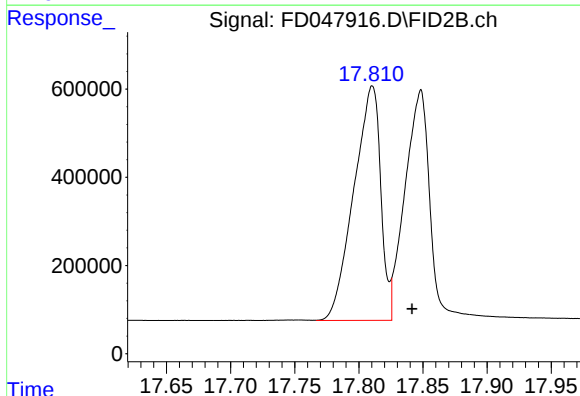
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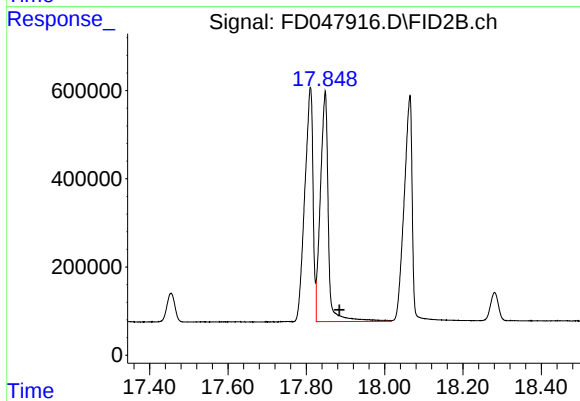
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.444 min
Delta R.T.: -0.033 min
Response: 7789842
Conc: 56.28 ug/ml



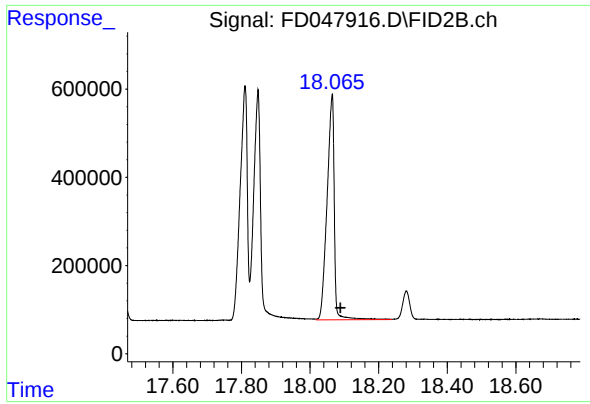
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.810 min
Delta R.T.: -0.032 min
Response: 7774762
Conc: 67.44 ug/ml m



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

R.T.: 17.847 min
Delta R.T.: -0.037 min
Response: 7411908
Conc: 55.58 ug/ml



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

R.T.: 18.063 min
Delta R.T.: -0.025 min
Response: 7510815
Conc: 56.48 ug/ml

Instrument :

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