

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022323AR\
 Data File : FD045147.D
 Signal(s) : FID2B.ch
 Acq On : 24 Feb 2023 00:20
 Operator : YP/AJ
 Sample : 01657-01MS
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

B-17-SB01MS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 02/24/2023

Supervised By :Ankita Jodhani 02/24/2023

Integration File: autoint1.e

Quant Time: Feb 24 06:38:46 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 022123.M

Quant Title : GC Extractables

QLast Update : Wed Feb 22 04:55:52 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...	7.556	6200150	46.228 ug/ml
Spiked Amount 50.000		Recovery =	92.46%
6) S 2-Fluorobiphenyl (SURR)	8.412	4123364	46.009 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	92.02%
11) S ortho-Terphenyl (SURR)	11.451	4756231	28.279 ug/ml
Spiked Amount 50.000		Recovery =	56.56%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.363	4420869	29.529 ug/ml
2) T Naphthalene (C11.7)	5.894	5062847	32.246 ug/ml
3) T 2-Methylnaphthalene (...)	6.943	5111728	32.673 ug/ml
5) T Acenaphthylene (C15.06)	8.215	5499412	38.516 ug/ml
7) T Acenaphthene (C15.5)	8.511	5540704	36.743 ug/ml
8) T Fluorene (C16.55)	9.290	5661633	38.410 ug/ml
9) T Phenanthrene (C19.36)	10.682	5659039	39.093 ug/ml
10) T Anthracene (C19.43)	10.756	5544936	40.955 ug/ml
12) T Fluoranthene (C21.85)	12.487	5560583	38.795 ug/ml
13) T Pyrene (C20.8)	12.782	5456071	38.965 ug/ml
14) T Benzo[a]anthracene (C...	14.648	5066999	39.829 ug/ml
15) T Chrysene (C27.41)	14.692	5028638	37.977 ug/ml
16) T benzo[b]fluoranthene ...	16.191	5115663	39.006 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.224	4771806	36.797 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.567	4482144	34.919 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.927	4905357	39.054 ug/mlm
20) T Dibenz[a,h]anthracene...	17.968	4673500	38.211 ug/ml
21) T Benzo[g,h,i]perylene ...	18.182	4789581	37.752 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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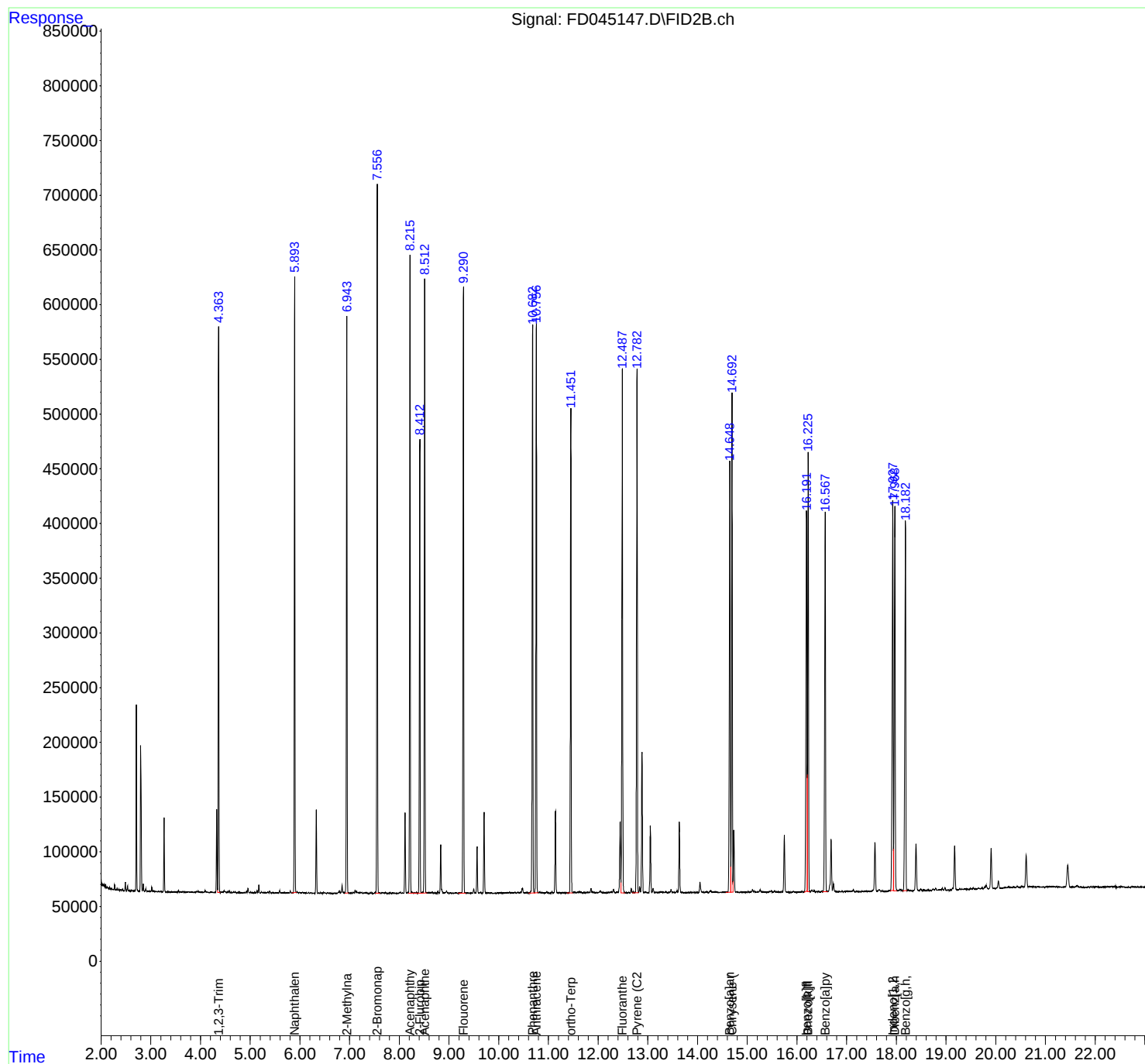
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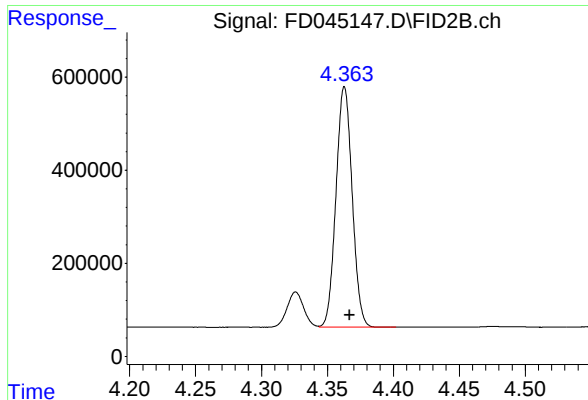
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Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm





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

R.T.: 4.363 min
Delta R.T.: -0.004 min
Response: 4420869
Conc: 29.53 ug/ml

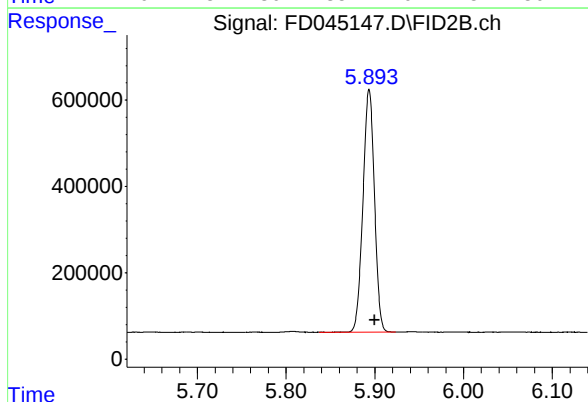
Instrument :

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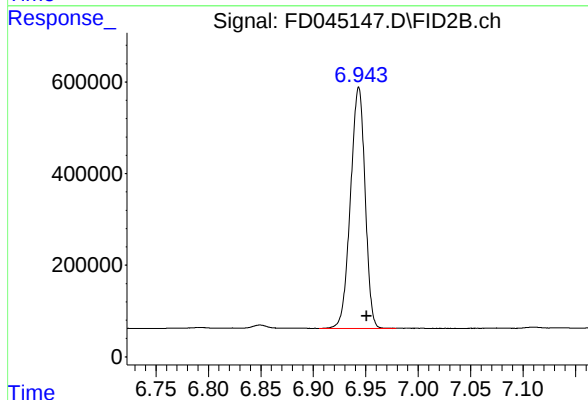
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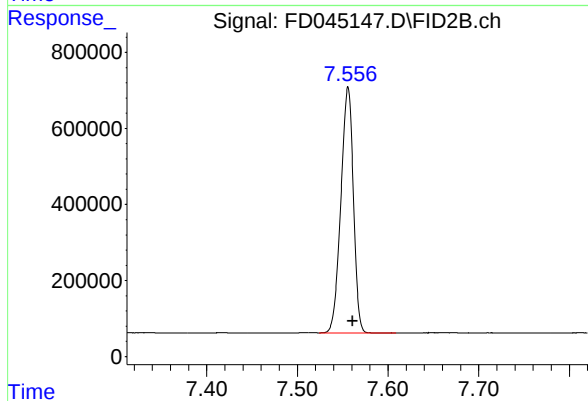
#2 Naphthalene (C11.7)

R.T.: 5.894 min
Delta R.T.: -0.006 min
Response: 5062847
Conc: 32.25 ug/ml



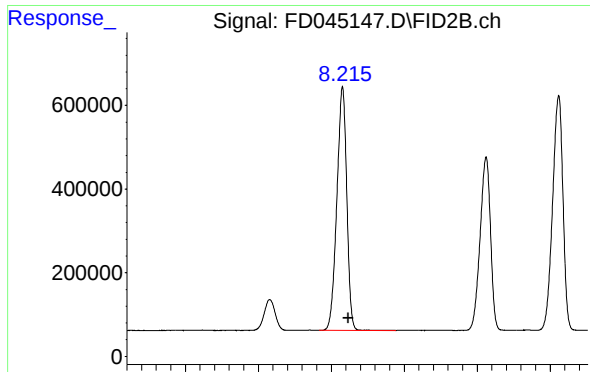
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.943 min
Delta R.T.: -0.008 min
Response: 5111728
Conc: 32.67 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.556 min
Delta R.T.: -0.005 min
Response: 6200150
Conc: 46.23 ug/ml



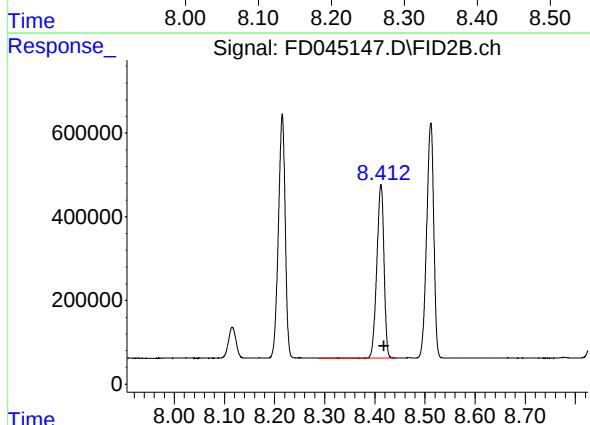
#5 Acenaphthylene (C15.06)

R.T.: 8.215 min
Delta R.T.: -0.008 min
Response: 5499412
Conc: 38.52 ug/ml

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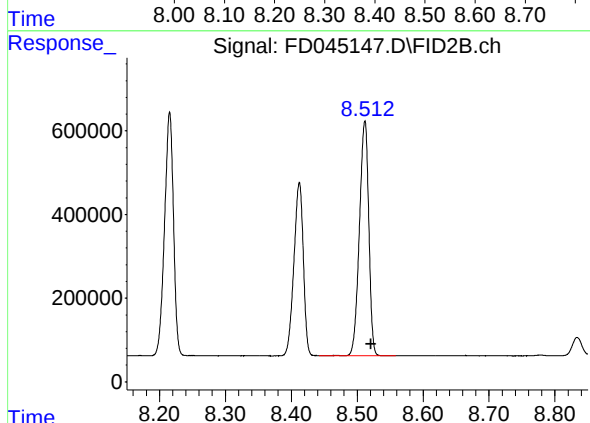
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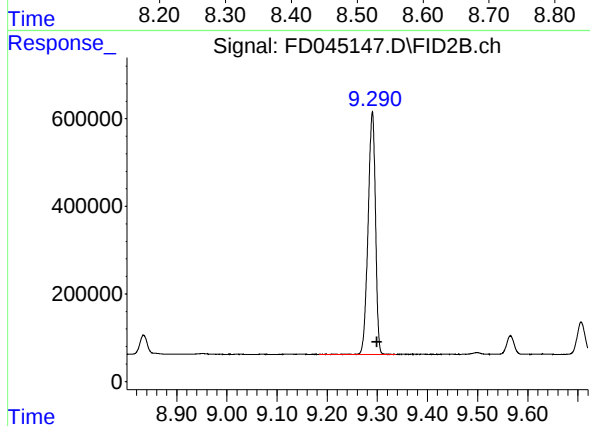
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.412 min
Delta R.T.: -0.006 min
Response: 4123364
Conc: 46.01 ug/ml



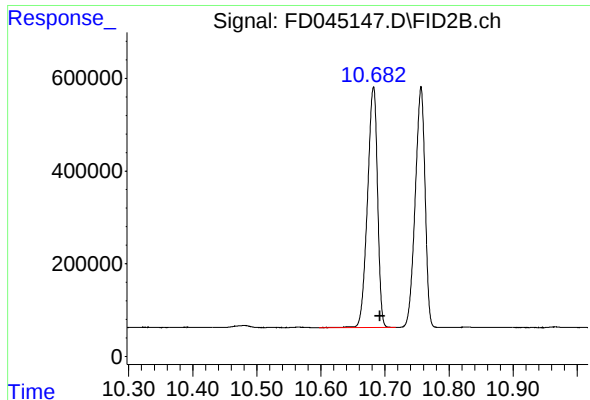
#7 Acenaphthene (C15.5)

R.T.: 8.511 min
Delta R.T.: -0.010 min
Response: 5540704
Conc: 36.74 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.290 min
Delta R.T.: -0.010 min
Response: 5661633
Conc: 38.41 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.682 min
Delta R.T.: -0.010 min
Response: 5659039
Conc: 39.09 ug/ml

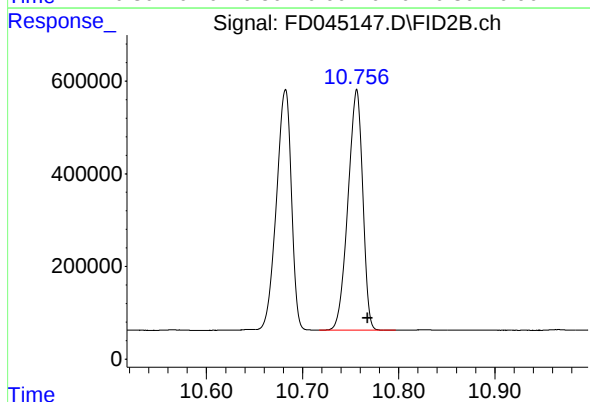
Instrument :

FID_D

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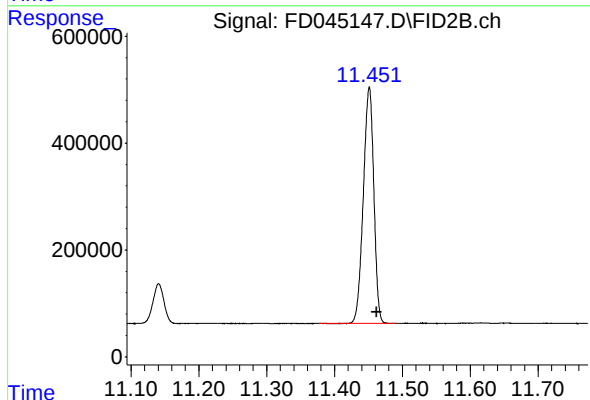
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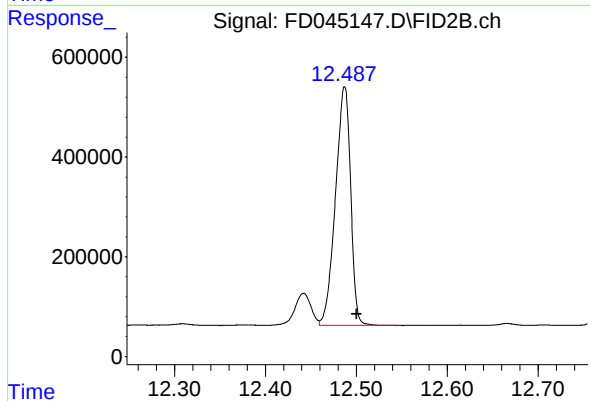
#10 Anthracene (C19.43)

R.T.: 10.756 min
Delta R.T.: -0.012 min
Response: 5544936
Conc: 40.95 ug/ml



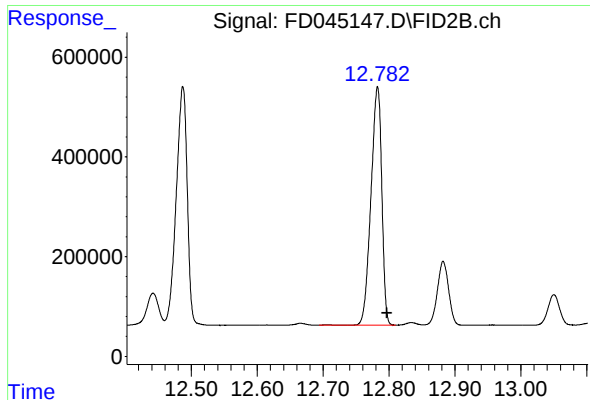
#11 ortho-Terphenyl (SURR)

R.T.: 11.451 min
Delta R.T.: -0.011 min
Response: 4756231
Conc: 28.28 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.487 min
Delta R.T.: -0.013 min
Response: 5560583
Conc: 38.80 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.782 min
Delta R.T.: -0.015 min
Response: 5456071
Conc: 38.96 ug/ml

Instrument :

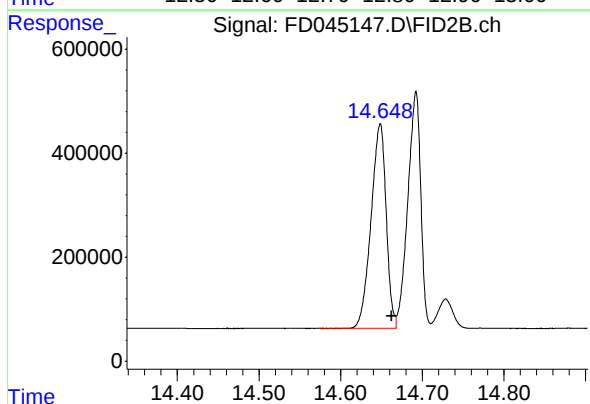
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ClientSampleId :

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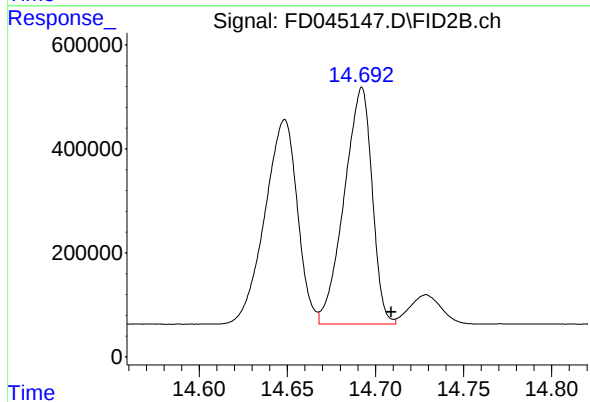
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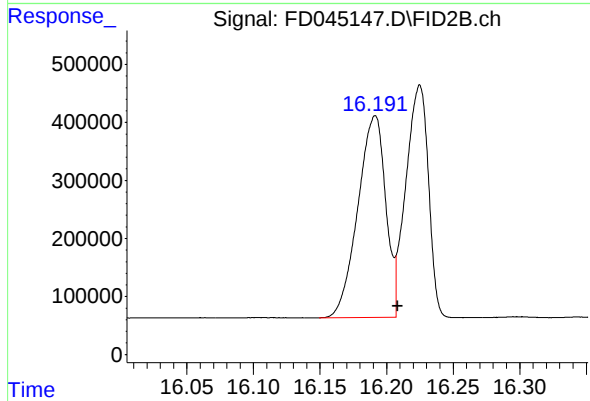
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.648 min
Delta R.T.: -0.014 min
Response: 5066999
Conc: 39.83 ug/ml



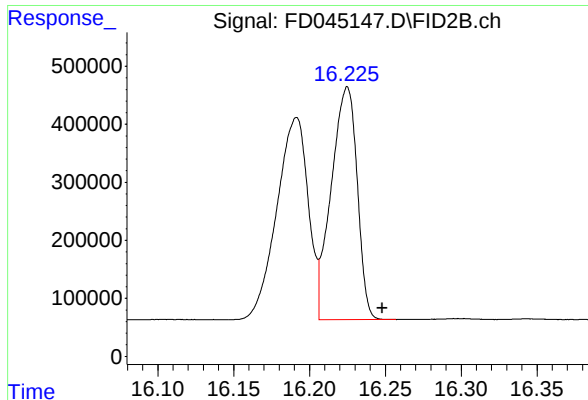
#15 Chrysene (C27.41)

R.T.: 14.692 min
Delta R.T.: -0.017 min
Response: 5028638
Conc: 37.98 ug/ml



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

R.T.: 16.191 min
Delta R.T.: -0.017 min
Response: 5115663
Conc: 39.01 ug/ml m



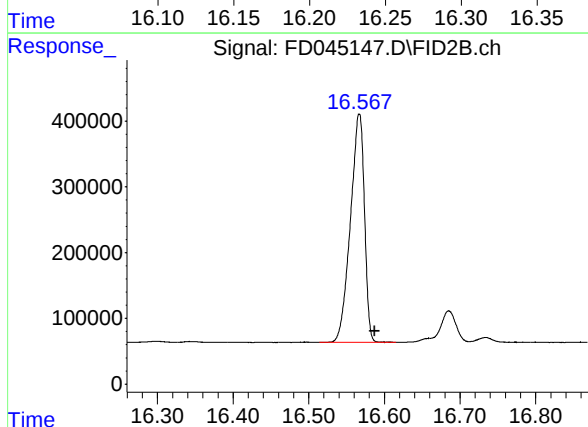
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.224 min
Delta R.T.: -0.024 min
Response: 4771806
Conc: 36.80 ug/ml

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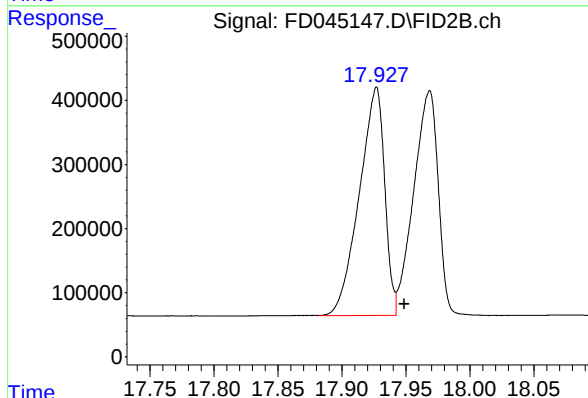
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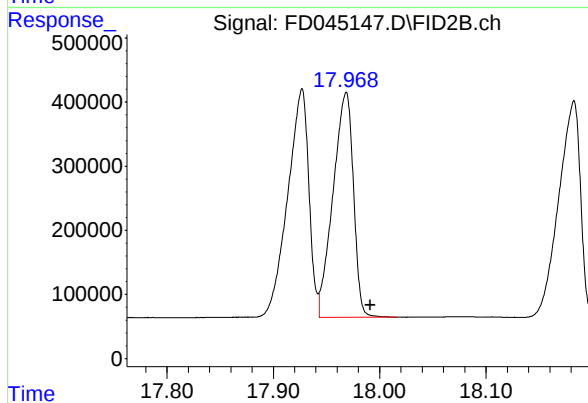
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.567 min
Delta R.T.: -0.021 min
Response: 4482144
Conc: 34.92 ug/ml



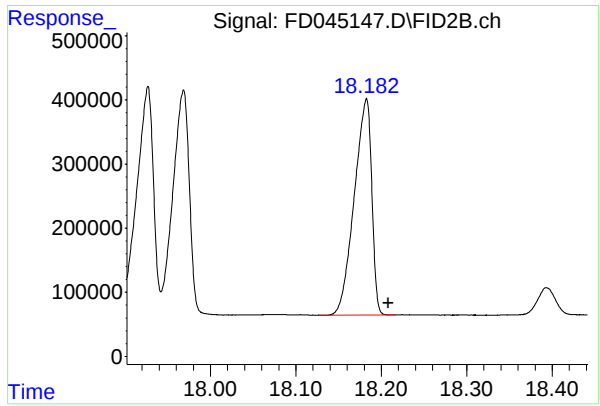
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.927 min
Delta R.T.: -0.022 min
Response: 4905357
Conc: 39.05 ug/ml m



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

R.T.: 17.968 min
Delta R.T.: -0.023 min
Response: 4673500
Conc: 38.21 ug/ml



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

R.T.: 18.182 min
Delta R.T.: -0.026 min
Response: 4789581
Conc: 37.75 ug/ml

Instrument :

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