

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD083022AR\
 Data File : FD043768.D
 Signal(s) : FID2B.ch
 Acq On : 30 Aug 2022 19:52
 Operator : YP/AJ
 Sample : PB147352BS
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB147352BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/31/2022
 Supervised By :Ankita Jodhani 08/31/2022

Integration File: autoint1.e
 Quant Time: Aug 31 03:55:16 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082322.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 25 11:00:10 2022
 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...	7.446	7395410	42.802 ug/ml
Spiked Amount 50.000		Recovery =	85.60%
6) S 2-Fluorobiphenyl (SURR)	8.302	4743894	47.159 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	94.32%
11) S ortho-Terphenyl (SURR)	11.336	7839511	37.472 ug/ml
Spiked Amount 50.000		Recovery =	74.94%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.251	5261876	26.422 ug/mlm
2) T Naphthalene (C11.7)	5.786	6029168	29.996 ug/ml
3) T 2-Methylnaphthalene (...)	6.833	5983605	33.151 ug/ml
5) T Acenaphthylene (C15.06)	8.104	6455740	32.297 ug/ml
7) T Acenaphthene (C15.5)	8.397	7299460	33.958 ug/ml
8) T Flouorene (C16.55)	9.177	7009989	36.565 ug/ml
9) T Phenanthrene (C19.36)	10.569	7242011	40.272 ug/ml
10) T Anthracene (C19.43)	10.645	7566629	38.901 ug/ml
12) T Fluoranthene (C21.85)	12.375	6971249	38.227 ug/mlm
13) T Pyrene (C20.8)	12.670	7002326	37.513 ug/ml
14) T Benzo[a]anthracene (C...	14.539	6454468	45.111 ug/ml
15) T Chrysene (C27.41)	14.581	7704081	39.915 ug/ml
16) T benzo[b]fluoranthene ...	16.085	6208721	43.026 ug/ml
17) T Bnezo[k]fluoranthene ...	16.116	5943186	34.555 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.461	5021381	34.581 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.826	5226601	50.539 ug/ml
20) T Dibenz[a,h]anthracene...	17.861	5391656	38.314 ug/ml
21) T Benzo[g,h,i]perylene ...	18.077	5477744	43.029 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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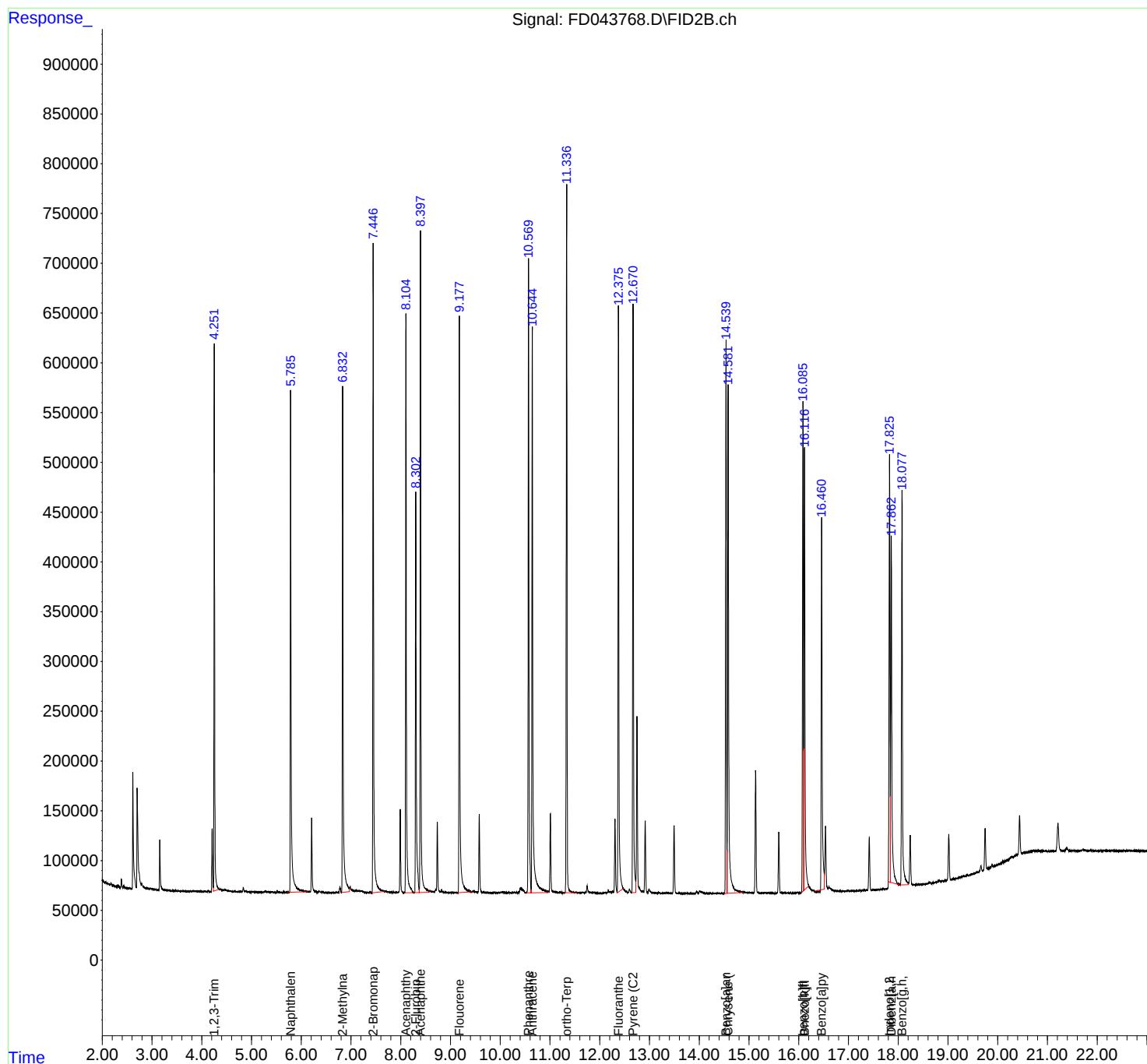
Instrument :
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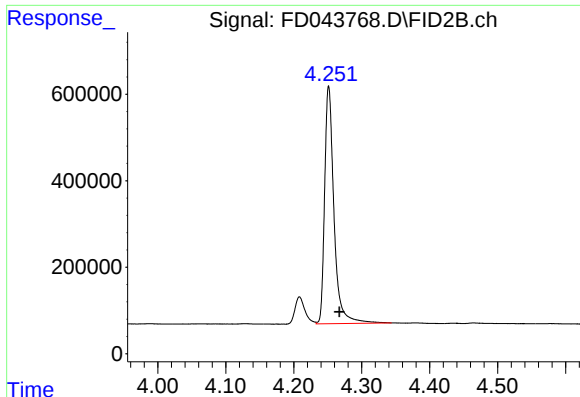
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.251 min
Delta R.T.: -0.016 min
Response: 5261876
Conc: 26.42 ug/ml

Instrument :

FID_D

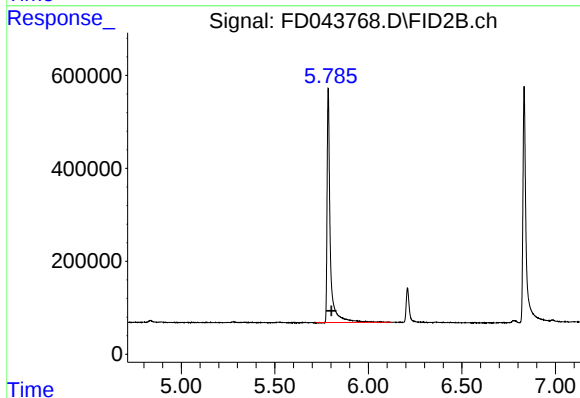
ClientSampleId :

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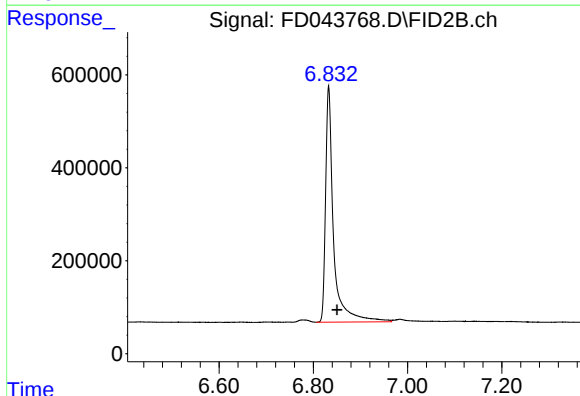
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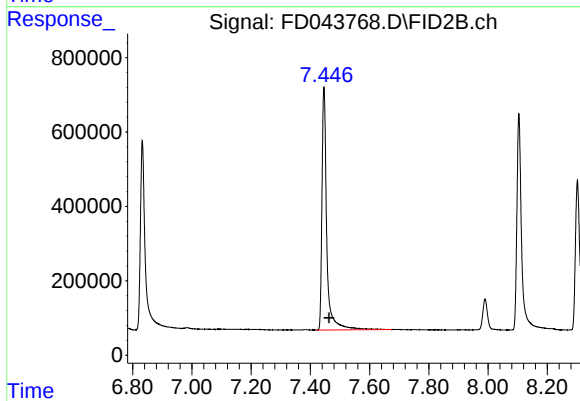
#2 Naphthalene (C11.7)

R.T.: 5.786 min
Delta R.T.: -0.017 min
Response: 6029168
Conc: 30.00 ug/ml



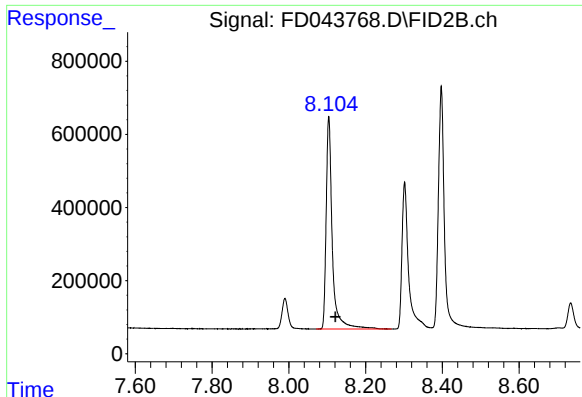
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.833 min
Delta R.T.: -0.017 min
Response: 5983605
Conc: 33.15 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.446 min
Delta R.T.: -0.017 min
Response: 7395410
Conc: 42.80 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.104 min
Delta R.T.: -0.017 min
Response: 6455740
Conc: 32.30 ug/ml

Instrument :

FID_D

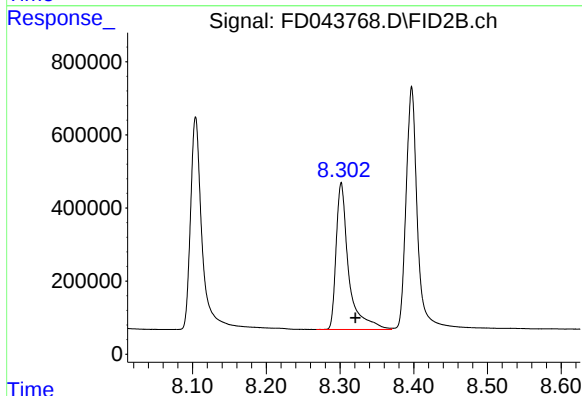
ClientSampleId :

PB147352BS

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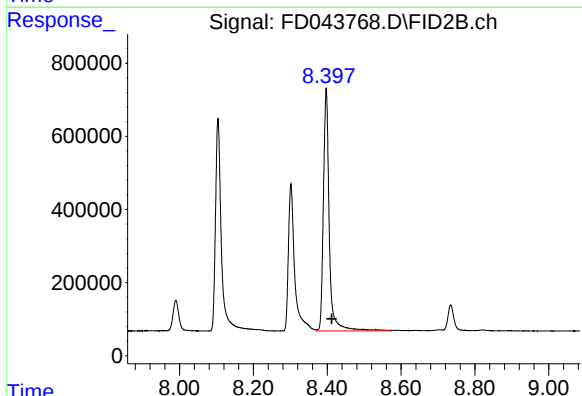
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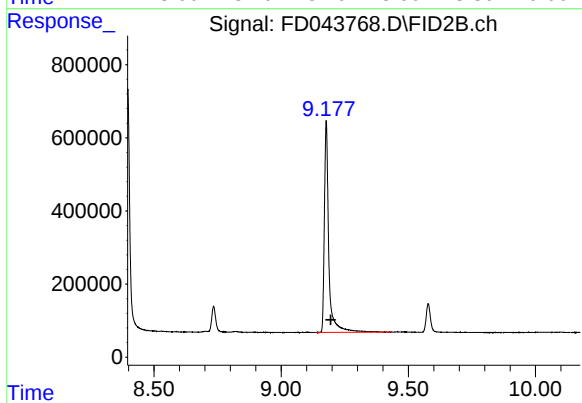
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.302 min
Delta R.T.: -0.019 min
Response: 4743894
Conc: 47.16 ug/ml



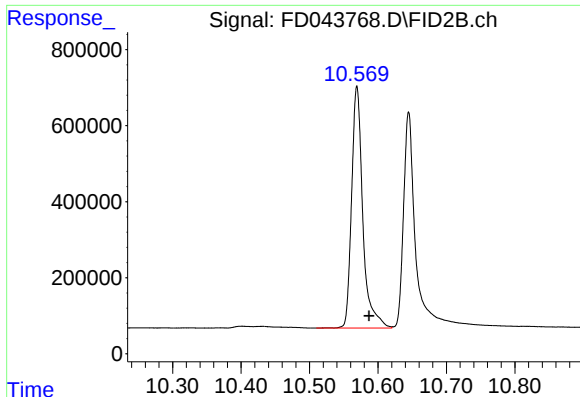
#7 Acenaphthene (C15.5)

R.T.: 8.397 min
Delta R.T.: -0.015 min
Response: 7299460
Conc: 33.96 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.177 min
Delta R.T.: -0.018 min
Response: 7009989
Conc: 36.56 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.569 min
Delta R.T.: -0.018 min
Response: 7242011
Conc: 40.27 ug/ml

Instrument :

FID_D

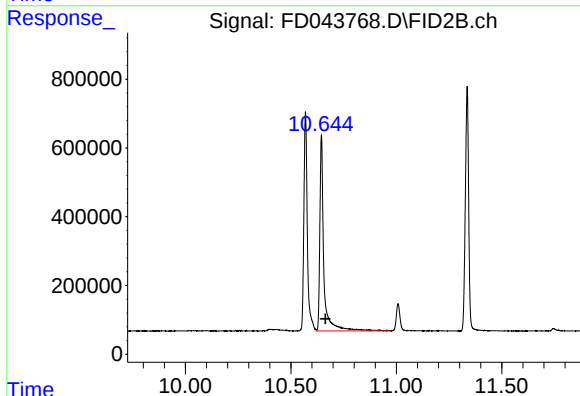
ClientSampleId :

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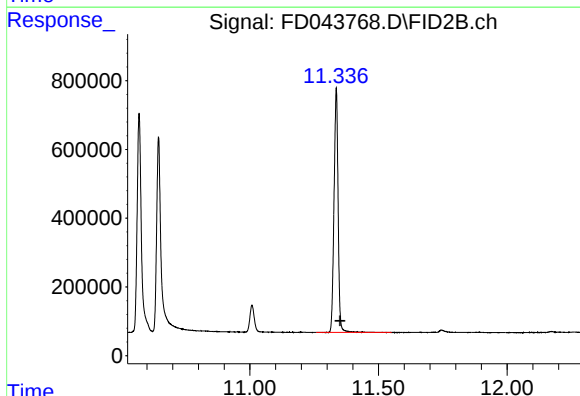
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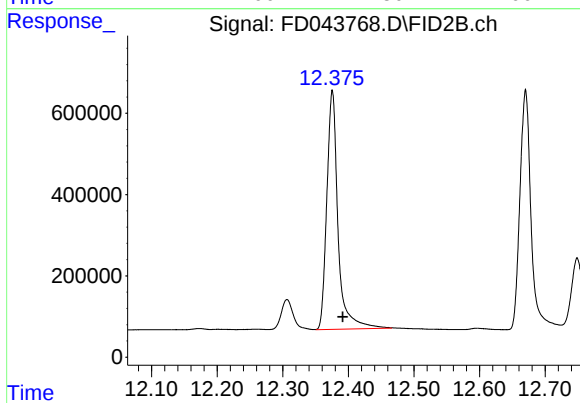
#10 Anthracene (C19.43)

R.T.: 10.645 min
Delta R.T.: -0.019 min
Response: 7566629
Conc: 38.90 ug/ml



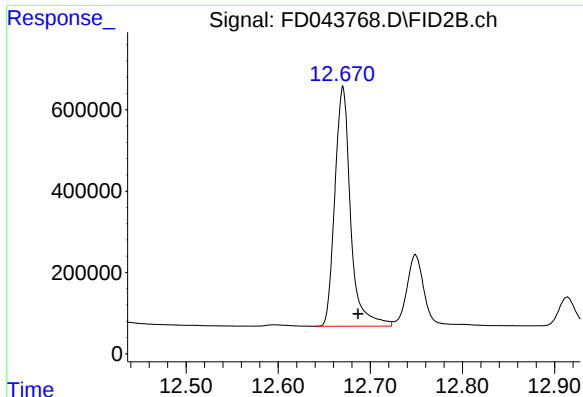
#11 ortho-Terphenyl (SURR)

R.T.: 11.336 min
Delta R.T.: -0.015 min
Response: 7839511
Conc: 37.47 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.375 min
Delta R.T.: -0.017 min
Response: 6971249
Conc: 38.23 ug/ml m



#13 Pyrene (C20.8)

R.T.: 12.670 min
Delta R.T.: -0.017 min
Response: 7002326
Conc: 37.51 ug/ml

Instrument :

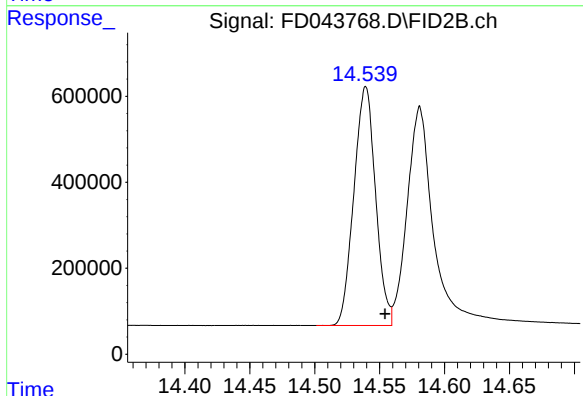
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ClientSampleId :

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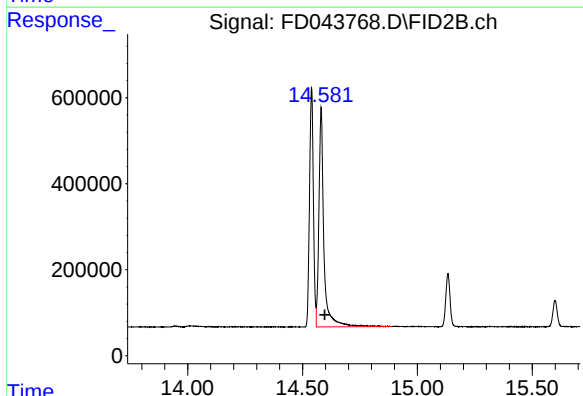
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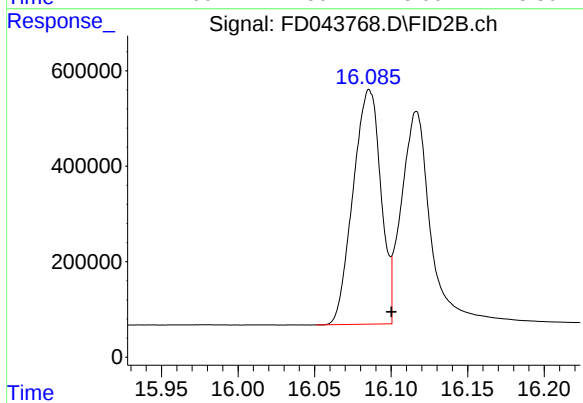
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.539 min
Delta R.T.: -0.015 min
Response: 6454468
Conc: 45.11 ug/ml



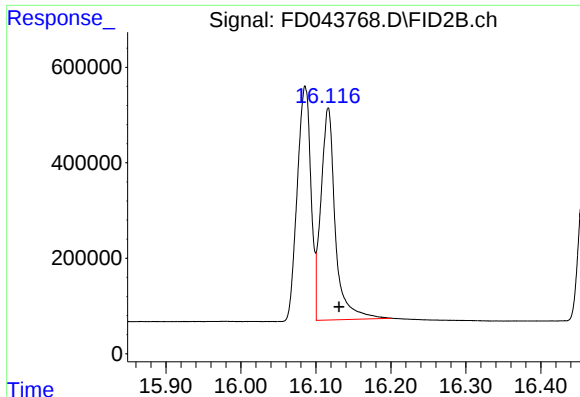
#15 Chrysene (C27.41)

R.T.: 14.581 min
Delta R.T.: -0.016 min
Response: 7704081
Conc: 39.92 ug/ml



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

R.T.: 16.085 min
Delta R.T.: -0.015 min
Response: 6208721
Conc: 43.03 ug/ml



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

R.T.: 16.116 min
Delta R.T.: -0.015 min
Response: 5943186
Conc: 34.55 ug/ml

Instrument :

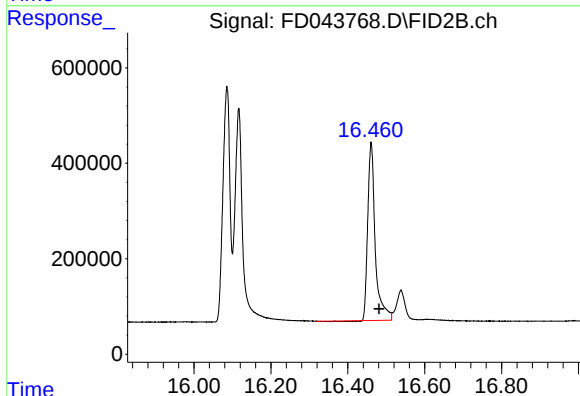
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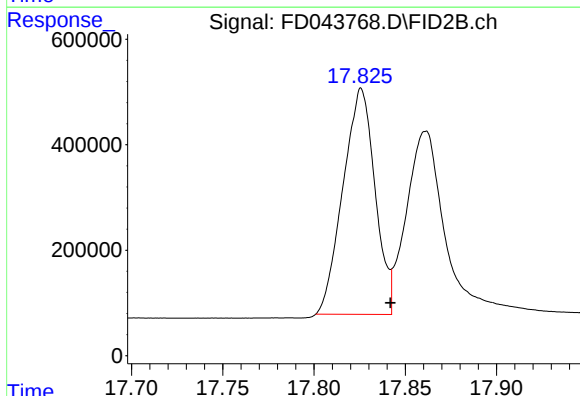
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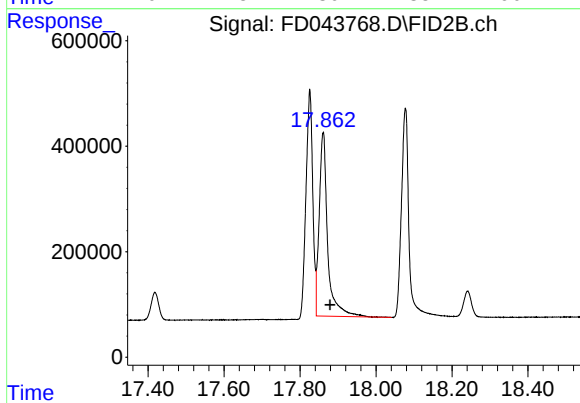
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.461 min
Delta R.T.: -0.021 min
Response: 5021381
Conc: 34.58 ug/ml



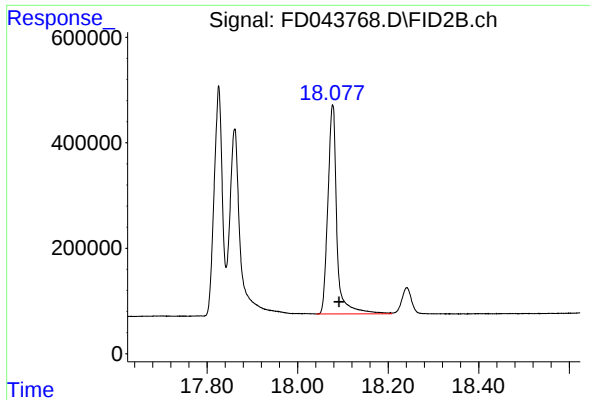
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.826 min
Delta R.T.: -0.016 min
Response: 5226601
Conc: 50.54 ug/ml



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

R.T.: 17.861 min
Delta R.T.: -0.018 min
Response: 5391656
Conc: 38.31 ug/ml



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

R.T.: 18.077 min
Delta R.T.: -0.015 min
Response: 5477744
Conc: 43.03 ug/ml

Instrument :

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