

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081222AR\
 Data File : FD043578.D
 Signal(s) : FID2B.ch
 Acq On : 13 Aug 2022 01:13
 Operator : YP/AJ
 Sample : PB146964BS
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB146964BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 08/15/2022

Supervised By :Ankita Jodhani 08/15/2022

Integration File: autoint1.e
 Quant Time: Aug 15 00:03:14 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 08 16:58:49 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...	7.615	5701985	40.311 ug/ml
Spiked Amount 50.000		Recovery =	80.62%
6) S 2-Fluorobiphenyl (SURR)	8.480	3853846	40.538 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	81.08%
11) S ortho-Terphenyl (SURR)	11.524	5732574	33.822 ug/ml
Spiked Amount 50.000		Recovery =	67.64%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.410	4071393	25.959 ug/ml
2) T Naphthalene (C11.7)	5.949	4652874	28.776 ug/ml
3) T 2-Methylnaphthalene (...)	7.004	4714988	32.201 ug/ml
5) T Acenaphthylene (C15.06)	8.281	4655385	28.677 ug/ml
7) T Acenaphthene (C15.5)	8.578	5035753	31.148 ug/ml
8) T Flouorene (C16.55)	9.359	5123575	32.697 ug/ml
9) T Phenanthrene (C19.36)	10.758	5221131	33.314 ug/ml
10) T Anthracene (C19.43)	10.833	5174844	33.599 ug/ml
12) T Fluoranthene (C21.85)	12.572	5266897	33.254 ug/ml
13) T Pyrene (C20.8)	12.870	5245642	33.378 ug/ml
14) T Benzo[a]anthracene (C...	14.746	5012694	33.977 ug/ml
15) T Chrysene (C27.41)	14.789	5516713	35.305 ug/ml
16) T benzo[b]fluoranthene ...	16.301	5142960	34.381 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.335	5009917	33.387 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.678	4580807	32.408 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.048	5042069	42.662 ug/ml
20) T Dibenz[a,h]anthracene...	18.087	4870770	34.340 ug/ml
21) T Benzo[g,h,i]perylene ...	18.304	4820716	37.070 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB146964BS
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ALS Vial : 55 Sample Multiplier: 1

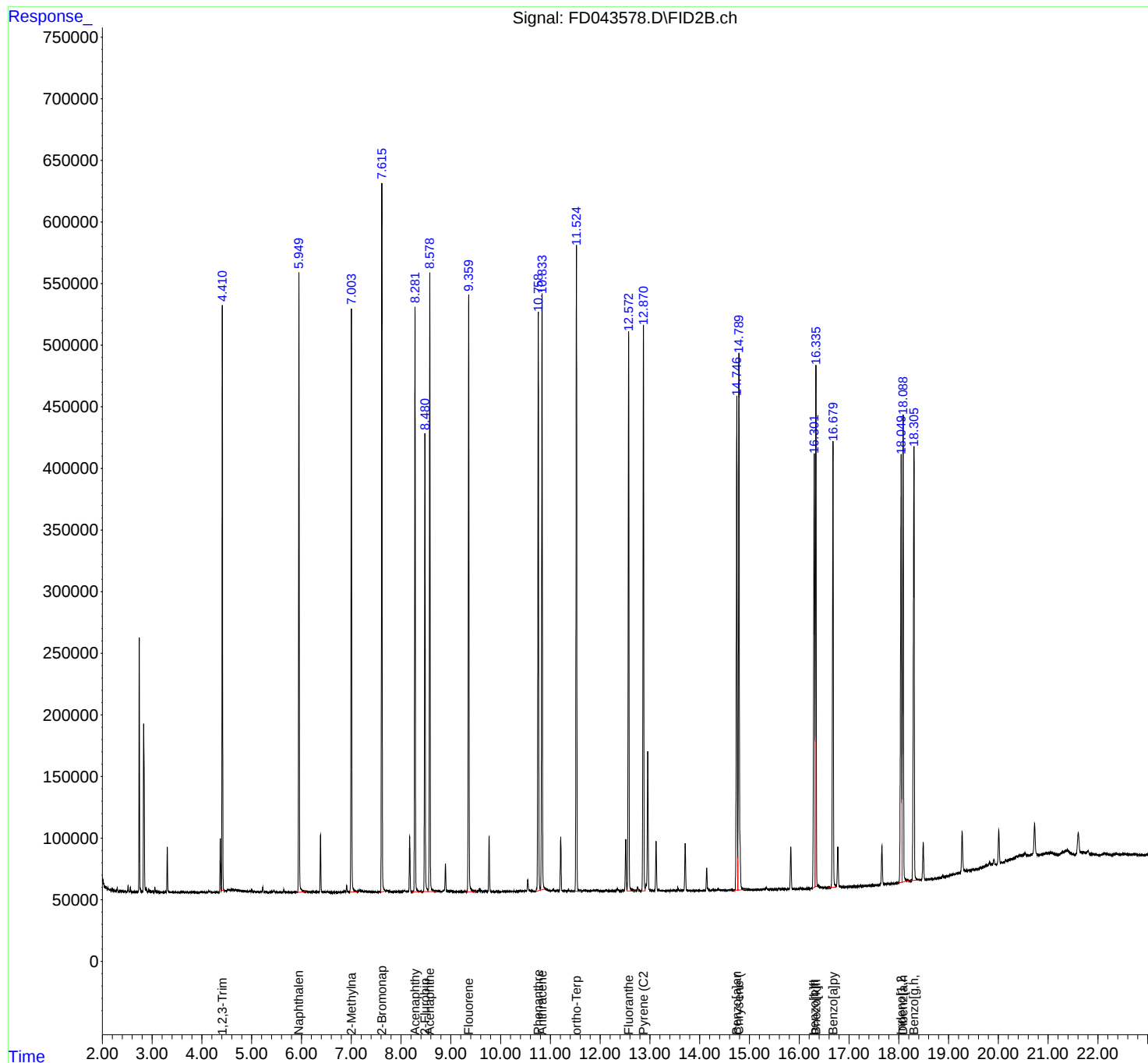
Instrument :
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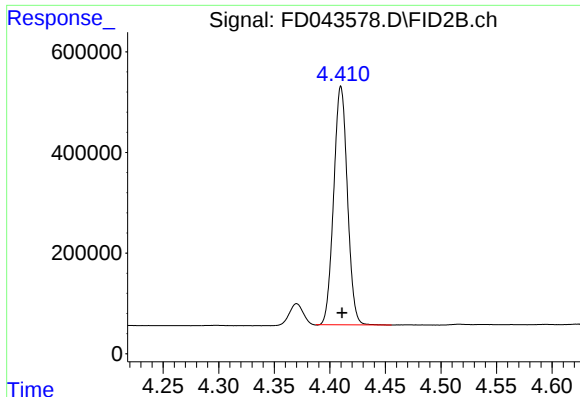
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.410 min
Delta R.T.: 0.000 min
Response: 4071393
Conc: 25.96 ug/ml

Instrument :

FID_D

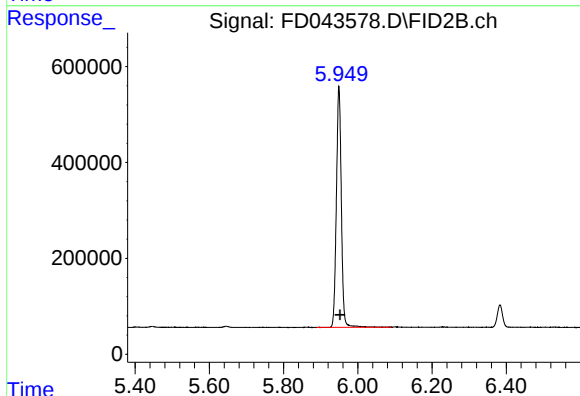
ClientSampleId :

PB146964BS

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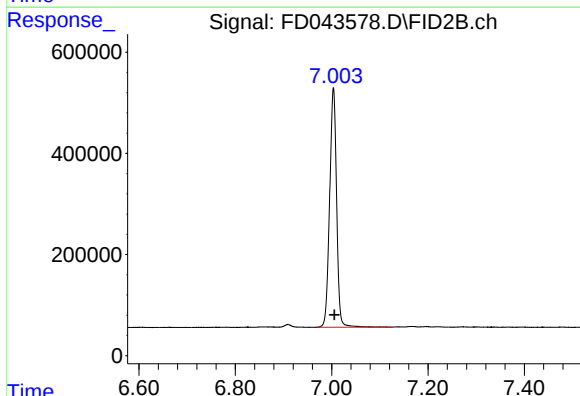
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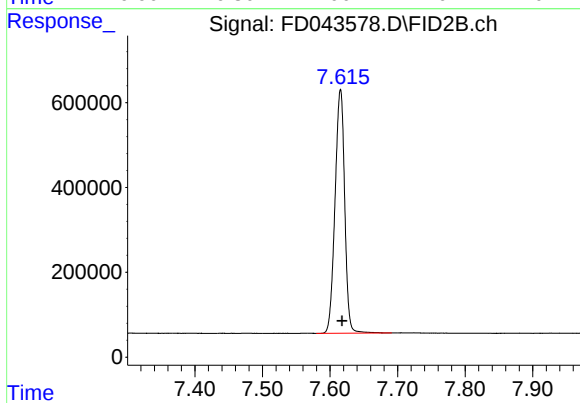
#2 Naphthalene (C11.7)

R.T.: 5.949 min
Delta R.T.: -0.003 min
Response: 4652874
Conc: 28.78 ug/ml



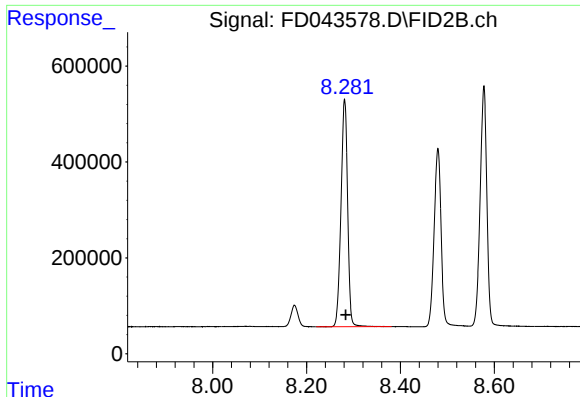
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.004 min
Delta R.T.: -0.003 min
Response: 4714988
Conc: 32.20 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.615 min
Delta R.T.: -0.003 min
Response: 5701985
Conc: 40.31 ug/ml



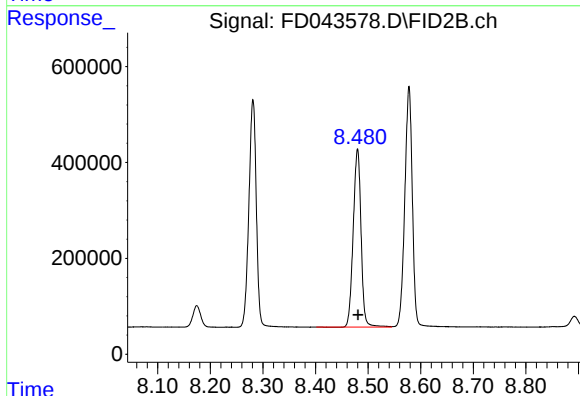
#5 Acenaphthylene (C15.06)

R.T.: 8.281 min
Delta R.T.: -0.002 min
Response: 4655385
Conc: 28.68 ug/ml

Instrument :
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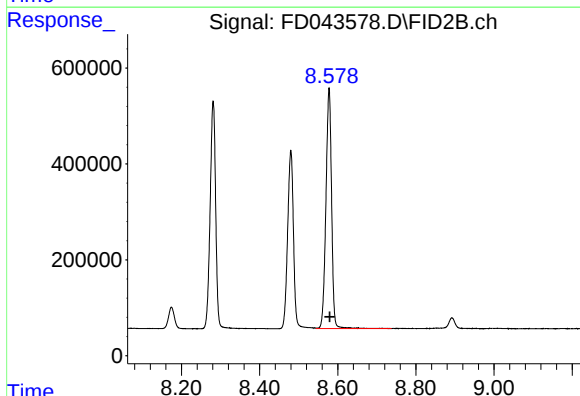
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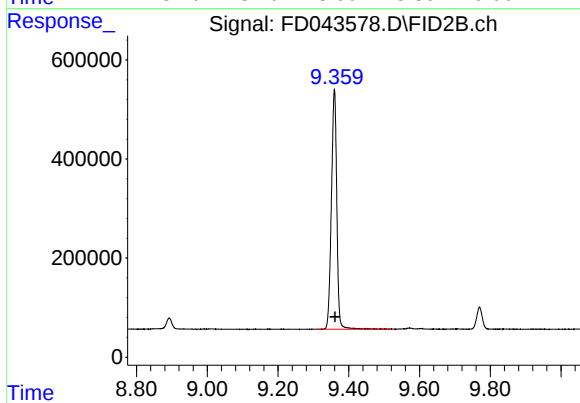
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.480 min
Delta R.T.: -0.001 min
Response: 3853846
Conc: 40.54 ug/ml



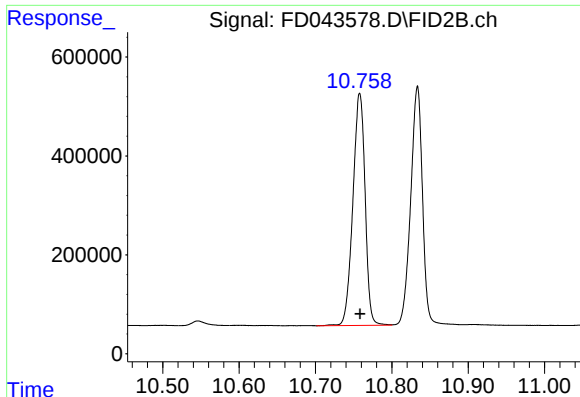
#7 Acenaphthene (C15.5)

R.T.: 8.578 min
Delta R.T.: -0.002 min
Response: 5035753
Conc: 31.15 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.359 min
Delta R.T.: -0.002 min
Response: 5123575
Conc: 32.70 ug/ml



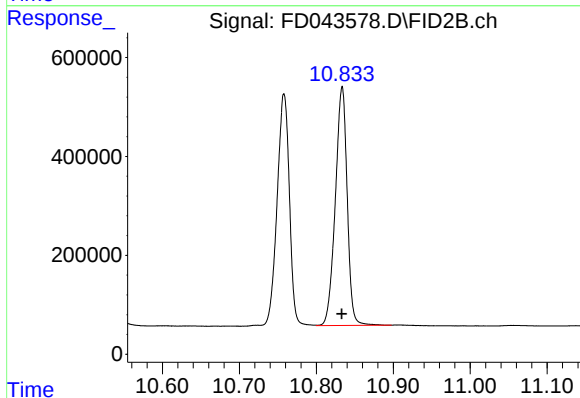
#9 Phenanthrene (C19.36)

R.T.: 10.758 min
Delta R.T.: 0.000 min
Response: 5221131
Conc: 33.31 ug/ml

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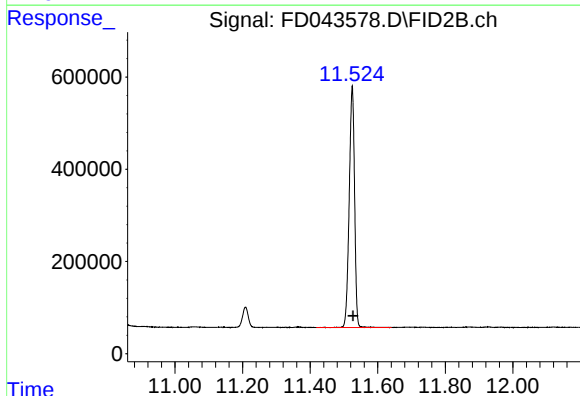
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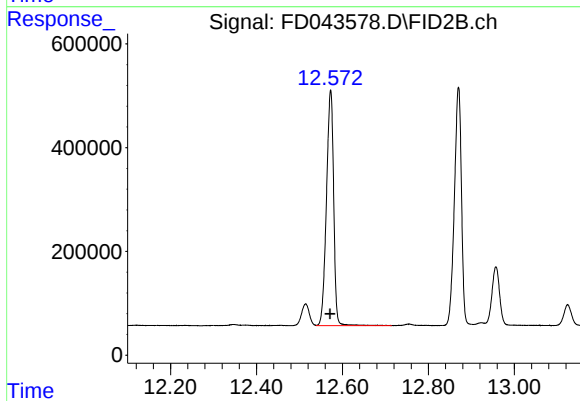
#10 Anthracene (C19.43)

R.T.: 10.833 min
Delta R.T.: 0.000 min
Response: 5174844
Conc: 33.60 ug/ml



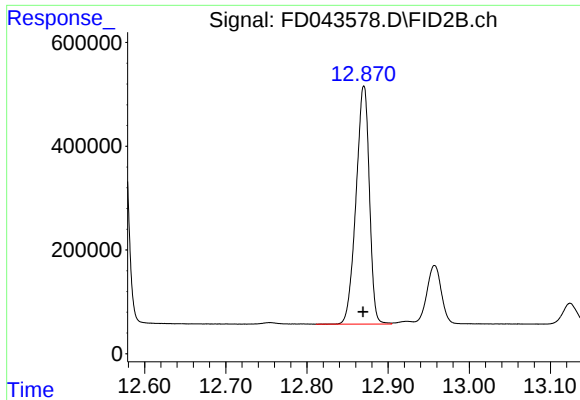
#11 ortho-Terphenyl (SURR)

R.T.: 11.524 min
Delta R.T.: -0.003 min
Response: 5732574
Conc: 33.82 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.572 min
Delta R.T.: 0.000 min
Response: 5266897
Conc: 33.25 ug/ml



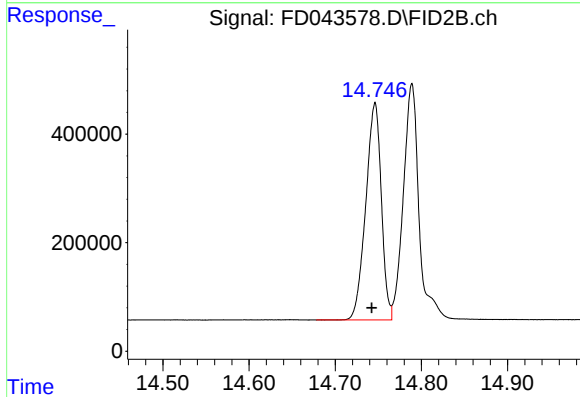
#13 Pyrene (C20.8)

R.T.: 12.870 min
Delta R.T.: 0.000 min
Response: 5245642
Conc: 33.38 ug/ml

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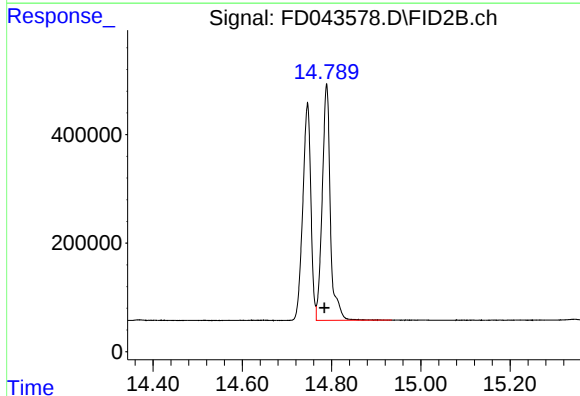
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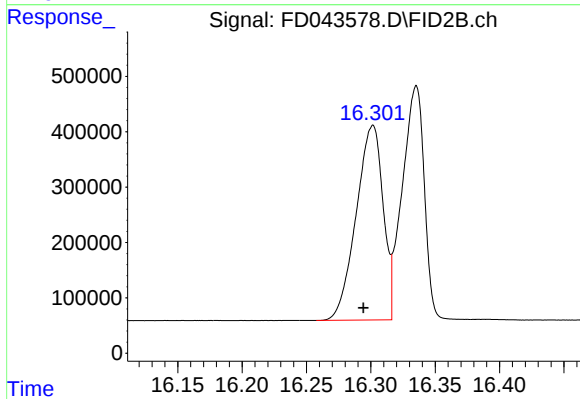
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.746 min
Delta R.T.: 0.003 min
Response: 5012694
Conc: 33.98 ug/ml



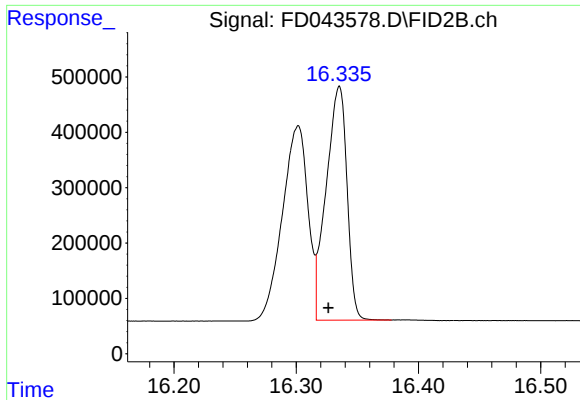
#15 Chrysene (C27.41)

R.T.: 14.789 min
Delta R.T.: 0.005 min
Response: 5516713
Conc: 35.30 ug/ml



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

R.T.: 16.301 min
Delta R.T.: 0.007 min
Response: 5142960
Conc: 34.38 ug/ml m



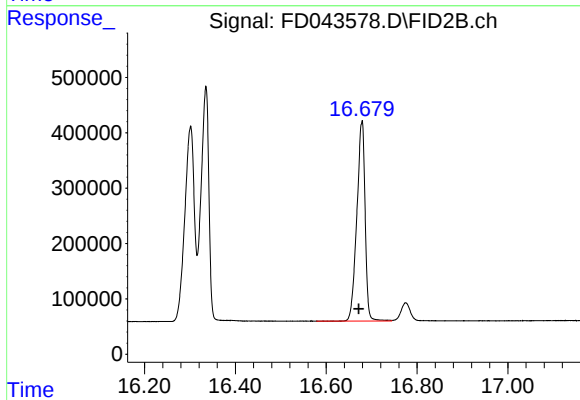
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.335 min
Delta R.T.: 0.008 min
Response: 5009917
Conc: 33.39 ug/ml

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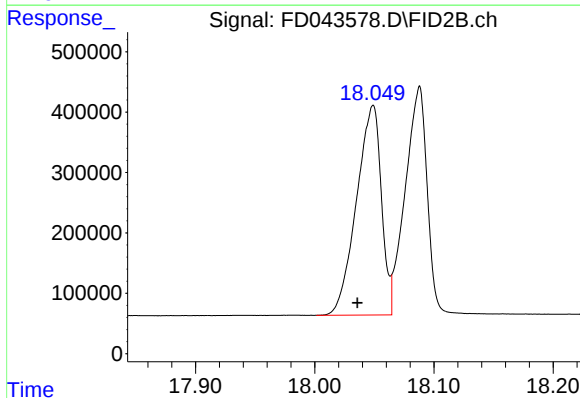
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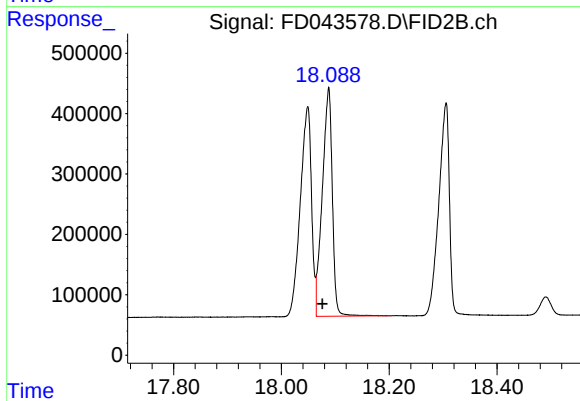
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.678 min
Delta R.T.: 0.007 min
Response: 4580807
Conc: 32.41 ug/ml



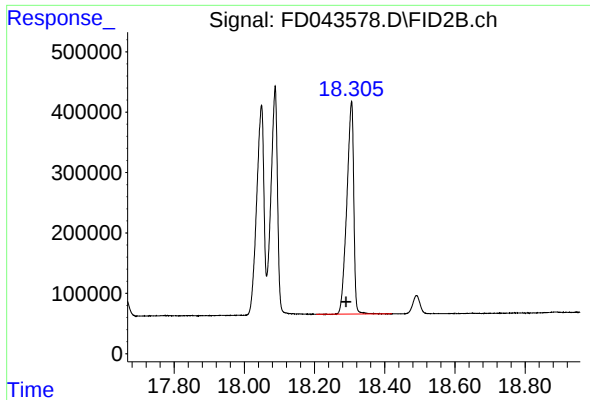
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.048 min
Delta R.T.: 0.012 min
Response: 5042069
Conc: 42.66 ug/ml



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

R.T.: 18.087 min
Delta R.T.: 0.011 min
Response: 4870770
Conc: 34.34 ug/ml



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

R.T.: 18.304 min
Delta R.T.: 0.014 min
Response: 4820716
Conc: 37.07 ug/ml

Instrument :

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