

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070522AR\
 Data File : FD043164.D
 Signal(s) : FID2B.ch
 Acq On : 05 Jul 2022 17:33
 Operator : YP/AJ
 Sample : PB146009BS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB146009BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/06/2022
 Supervised By :Ankita Jodhani 07/06/2022

Integration File: autoint1.e
 Quant Time: Jul 06 05:28:33 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:47:50 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...	7.628	6343001	41.079 ug/ml
Spiked Amount 50.000		Recovery =	82.16%
6) S 2-Fluorobiphenyl (SURR)	8.490	3292195	31.213 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	62.43%
11) S ortho-Terphenyl (SURR)	11.536	6796525	37.395 ug/ml
Spiked Amount 50.000		Recovery =	74.79%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.423	5352376	31.869 ug/ml
2) T Naphthalene (C11.7)	5.963	6570601	37.531 ug/ml
3) T 2-Methylnaphthalene (...)	7.017	7012463	43.598 ug/ml
5) T Acenaphthylene (C15.06)	8.295	7491326	42.146 ug/ml
7) T Acenaphthene (C15.5)	8.592	7865037	44.914 ug/ml
8) T Flouorene (C16.55)	9.374	8512039	49.106 ug/ml
9) T Phenanthrene (C19.36)	10.772	8766567	51.114 ug/ml
10) T Anthracene (C19.43)	10.848	8717227	51.310 ug/ml
12) T Fluoranthene (C21.85)	12.586	8653748	51.598 ug/ml
13) T Pyrene (C20.8)	12.885	8496091	52.133 ug/mlm
14) T Benzo[a]anthracene (C...	14.756	8004329	51.541 ug/ml
15) T Chrysene (C27.41)	14.801	9277310	58.780 ug/ml
16) T benzo[b]fluoranthene ...	16.307	7814173	51.262 ug/ml
17) T Bnezo[k]fluoranthene ...	16.343	7597240	51.908 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.686	6957080	48.640 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.054	7676716	61.347 ug/ml
20) T Dibenz[a,h]anthracene...	18.093	7161273	53.268 ug/ml
21) T Benzo[g,h,i]perylene ...	18.311	7294827	55.929 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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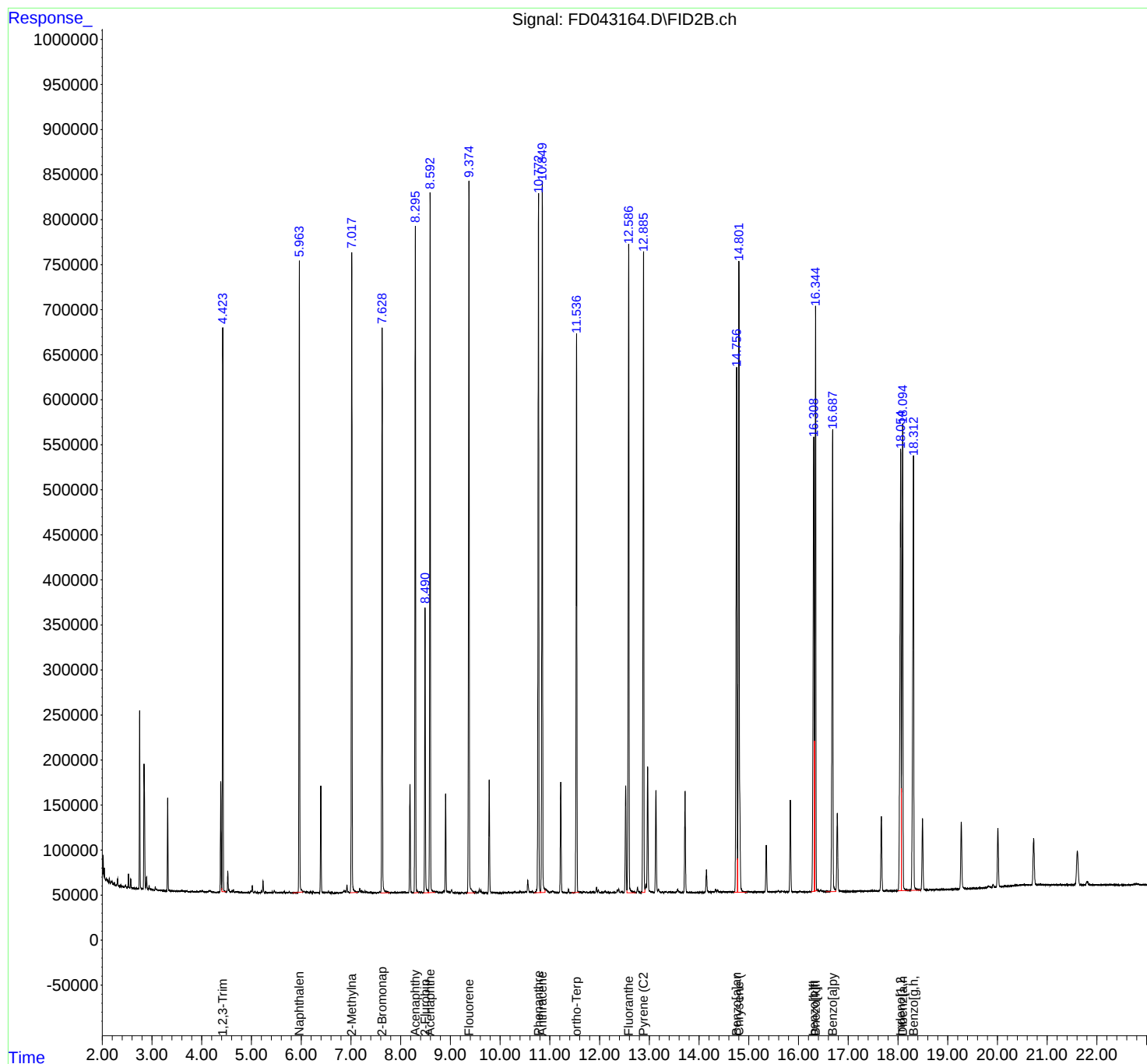
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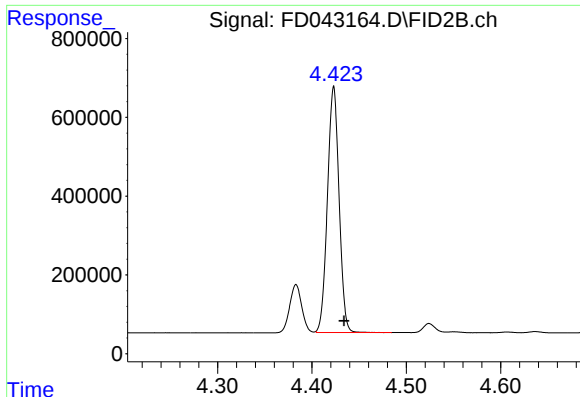
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.423 min
Delta R.T.: -0.011 min
Response: 5352376
Conc: 31.87 ug/ml

Instrument :

FID_D

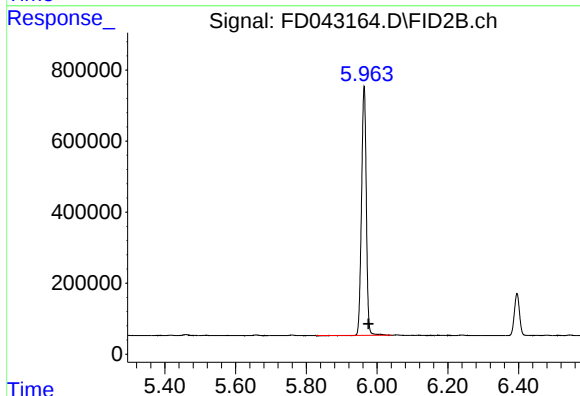
ClientSampleId :

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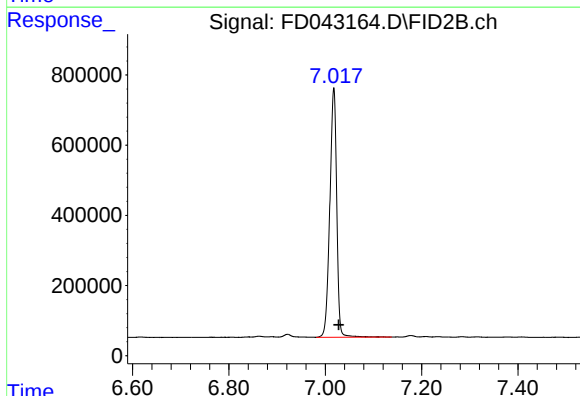
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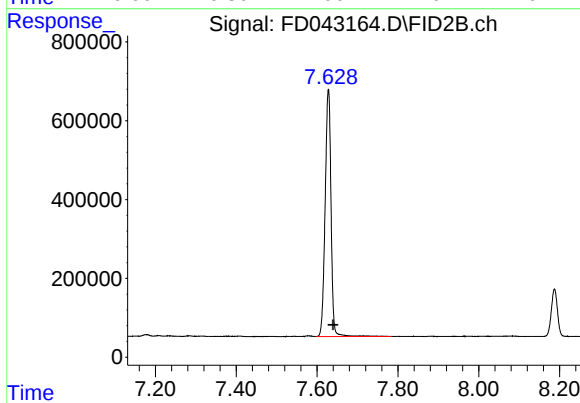
#2 Naphthalene (C11.7)

R.T.: 5.963 min
Delta R.T.: -0.012 min
Response: 6570601
Conc: 37.53 ug/ml



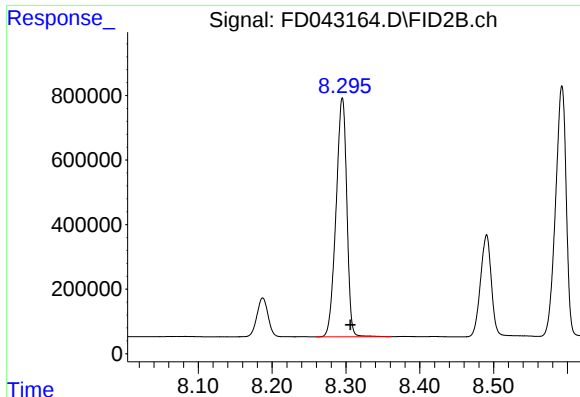
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.017 min
Delta R.T.: -0.011 min
Response: 7012463
Conc: 43.60 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.628 min
Delta R.T.: -0.012 min
Response: 6343001
Conc: 41.08 ug/ml



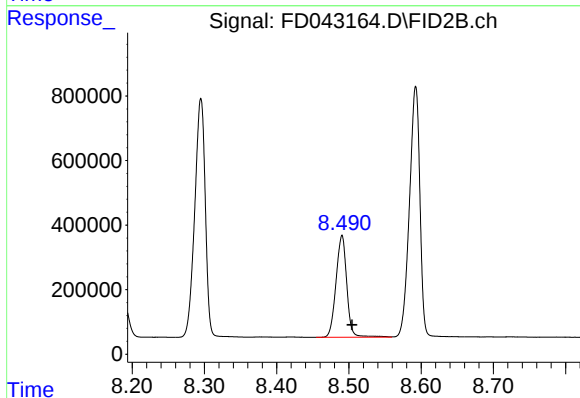
#5 Acenaphthylene (C15.06)

R.T.: 8.295 min
Delta R.T.: -0.011 min
Response: 7491326
Conc: 42.15 ug/ml

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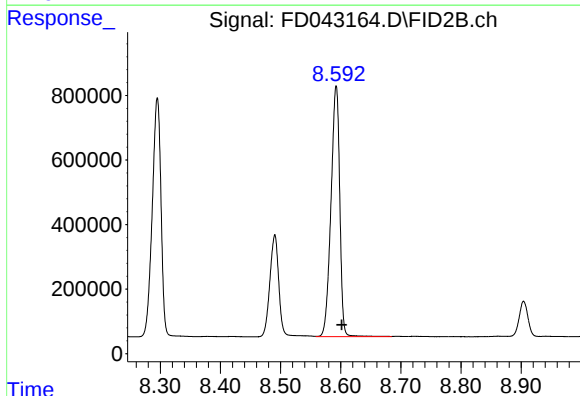
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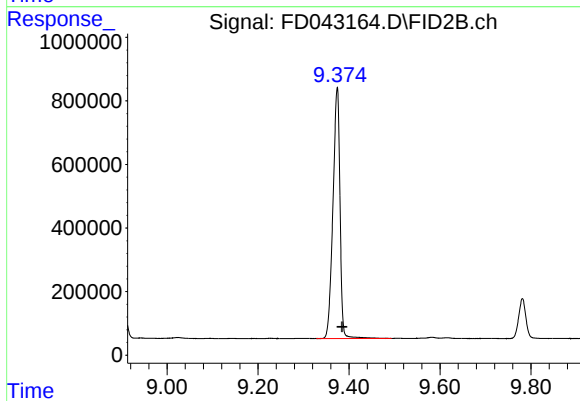
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.490 min
Delta R.T.: -0.014 min
Response: 3292195
Conc: 31.21 ug/ml



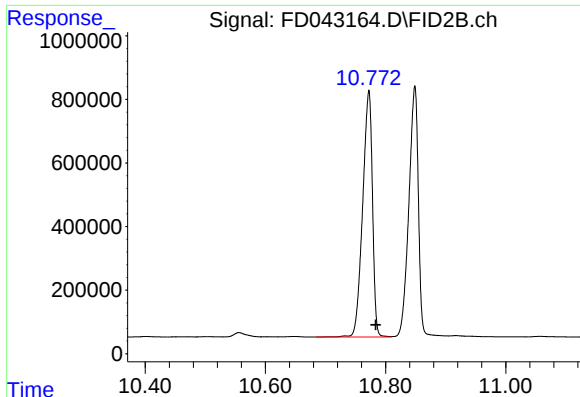
#7 Acenaphthene (C15.5)

R.T.: 8.592 min
Delta R.T.: -0.010 min
Response: 7865037
Conc: 44.91 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.374 min
Delta R.T.: -0.011 min
Response: 8512039
Conc: 49.11 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.772 min
Delta R.T.: -0.012 min
Response: 8766567
Conc: 51.11 ug/ml

Instrument :

FID_D

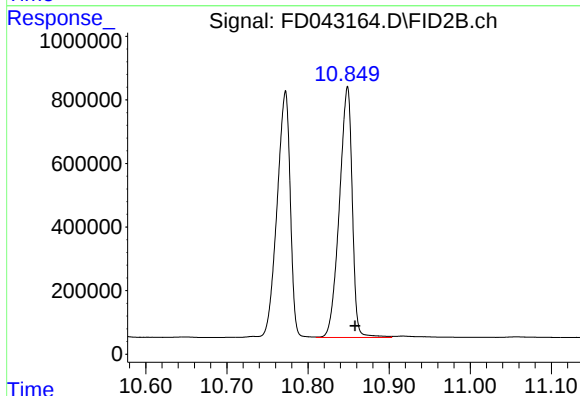
ClientSampleId :

PB146009BS

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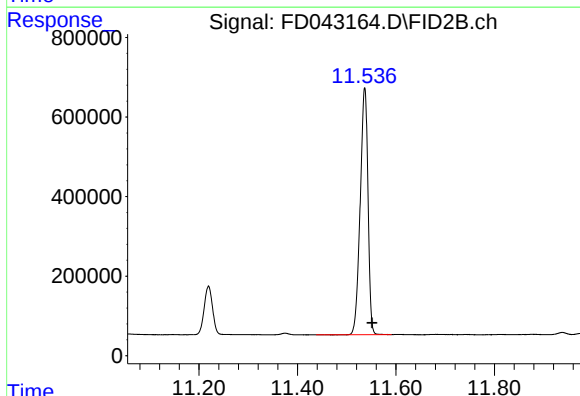
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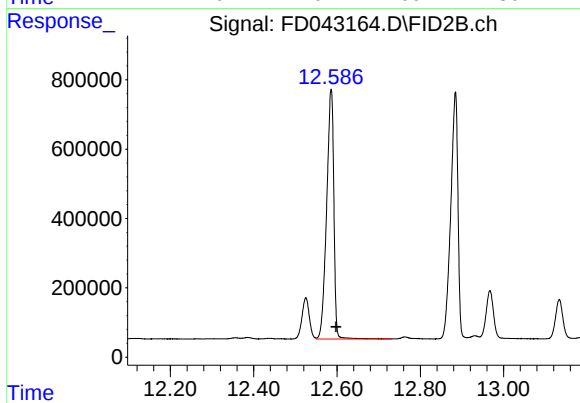
#10 Anthracene (C19.43)

R.T.: 10.848 min
Delta R.T.: -0.010 min
Response: 8717227
Conc: 51.31 ug/ml



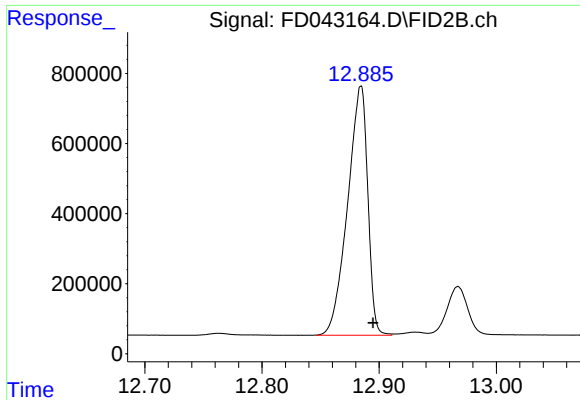
#11 ortho-Terphenyl (SURR)

R.T.: 11.536 min
Delta R.T.: -0.015 min
Response: 6796525
Conc: 37.39 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.586 min
Delta R.T.: -0.012 min
Response: 8653748
Conc: 51.60 ug/ml



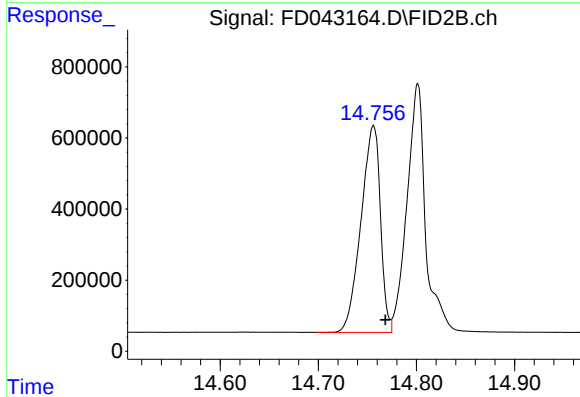
#13 Pyrene (C20.8)

R.T.: 12.885 min
Delta R.T.: -0.010 min
Response: 8496091
Conc: 52.13 ug/ml

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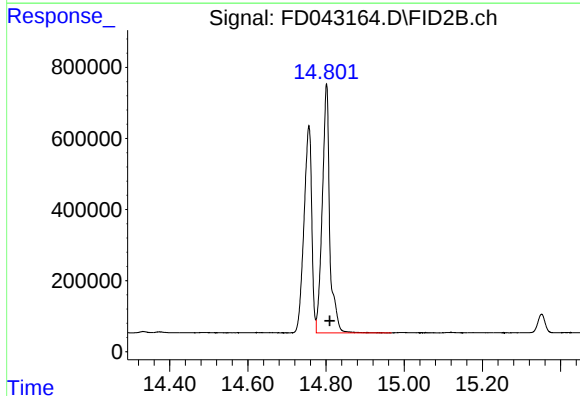
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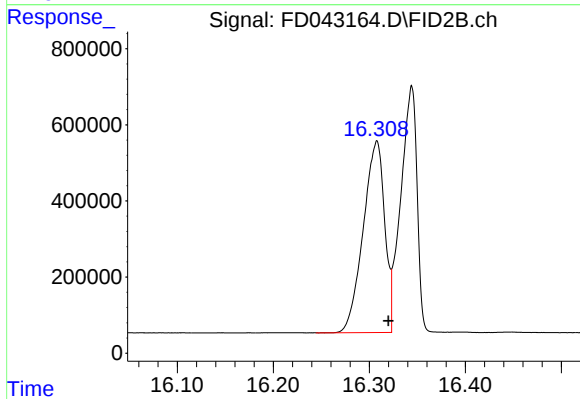
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.756 min
Delta R.T.: -0.013 min
Response: 8004329
Conc: 51.54 ug/ml



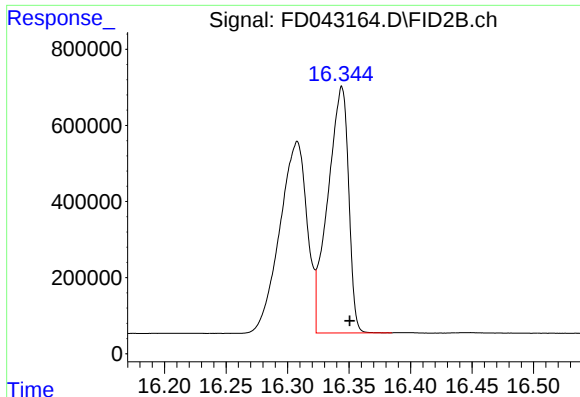
#15 Chrysene (C27.41)

R.T.: 14.801 min
Delta R.T.: -0.009 min
Response: 9277310
Conc: 58.78 ug/ml



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

R.T.: 16.307 min
Delta R.T.: -0.013 min
Response: 7814173
Conc: 51.26 ug/ml



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

R.T.: 16.343 min
Delta R.T.: -0.007 min
Response: 7597240
Conc: 51.91 ug/ml

Instrument :

FID_D

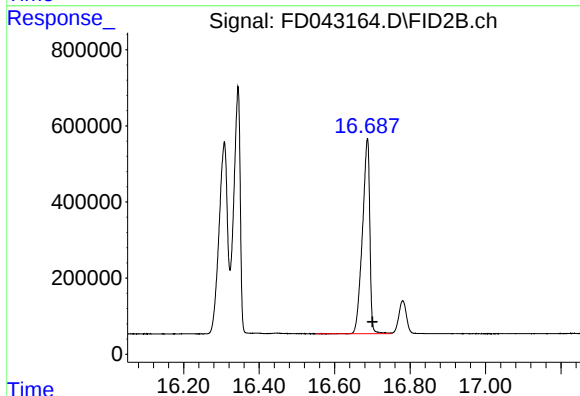
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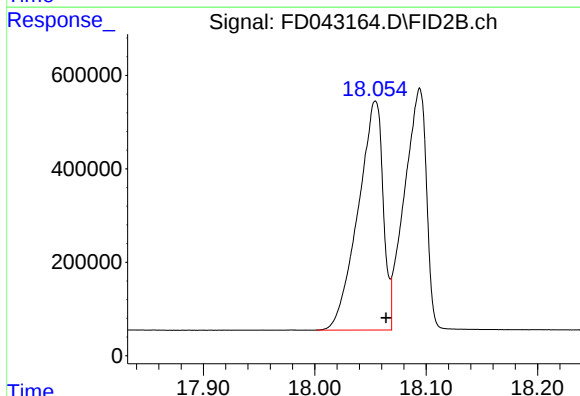
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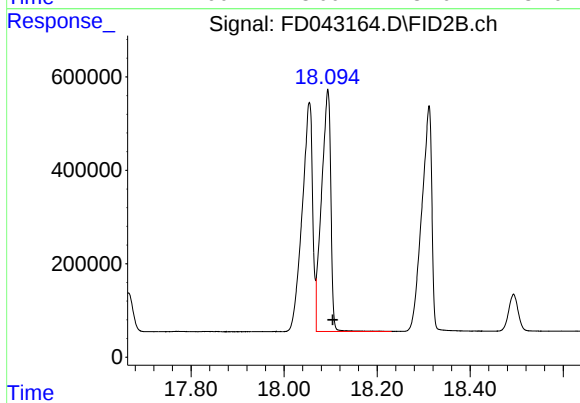
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.686 min
Delta R.T.: -0.014 min
Response: 6957080
Conc: 48.64 ug/ml



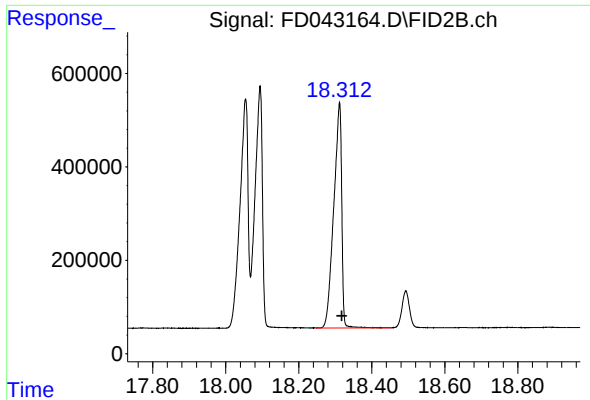
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.054 min
Delta R.T.: -0.010 min
Response: 7676716
Conc: 61.35 ug/ml



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

R.T.: 18.093 min
Delta R.T.: -0.011 min
Response: 7161273
Conc: 53.27 ug/ml



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

R.T.: 18.311 min
Delta R.T.: -0.008 min
Response: 7294827
Conc: 55.93 ug/ml

Instrument :

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