

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD082422AR\
 Data File : FD043738.D
 Signal(s) : FID2B.ch
 Acq On : 24 Aug 2022 22:49
 Operator : YP/AJ
 Sample : N4296-01MS
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 WASTEMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/25/2022
 Supervised By :Ankita Jodhani 08/25/2022

Integration File: sample.E
 Quant Time: Aug 25 03:31:06 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082322.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 24 02:39:46 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rx1-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.476	11165053	64.620 ug/mlm
Spiked Amount 50.000		Recovery =	129.24%
6) S 2-Fluorobiphenyl (SURR)	8.338	3884623	38.617 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	77.23%
11) S ortho-Terphenyl (SURR)	11.384	9311724	44.509 ug/mlm
Spiked Amount 50.000		Recovery =	89.02%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.270	4669851	23.449 ug/ml
2) T Naphthalene (C11.7)	5.808	5589317	27.808 ug/mlm
3) T 2-Methylnaphthalene (...)	6.862	11983465	66.391 ug/mlm
5) T Acenaphthylene (C15.06)	8.139	9075218	45.401 ug/mlm
7) T Acenaphthene (C15.5)	8.434	6933126	32.253 ug/mlm
8) T Flouorene (C16.55)	9.218	9554657	49.838 ug/mlm
9) T Phenanthrene (C19.36)	10.623	11415336	63.480 ug/mlm
10) T Anthracene (C19.43)	10.698	11762441	60.473 ug/mlm
12) T Fluoranthene (C21.85)	12.435	11541819	63.289 ug/mlm
13) T Pyrene (C20.8)	12.730	13028444	69.796 ug/ml
14) T Benzo[a]anthracene (C...	14.578	7242661	50.620 ug/ml
15) T Chrysene (C27.41)	14.620	8232929	42.655 ug/ml
16) T benzo[b]fluoranthene ...	16.118	6797912	47.110 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.147	6510553	37.853 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.491	5710326	39.326 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.856	5756455	55.662 ug/mlm
20) T Dibenz[a,h]anthracene...	17.890	6023031	42.800 ug/ml
21) T Benzo[g,h,i]perylene ...	18.108	6093605	47.866 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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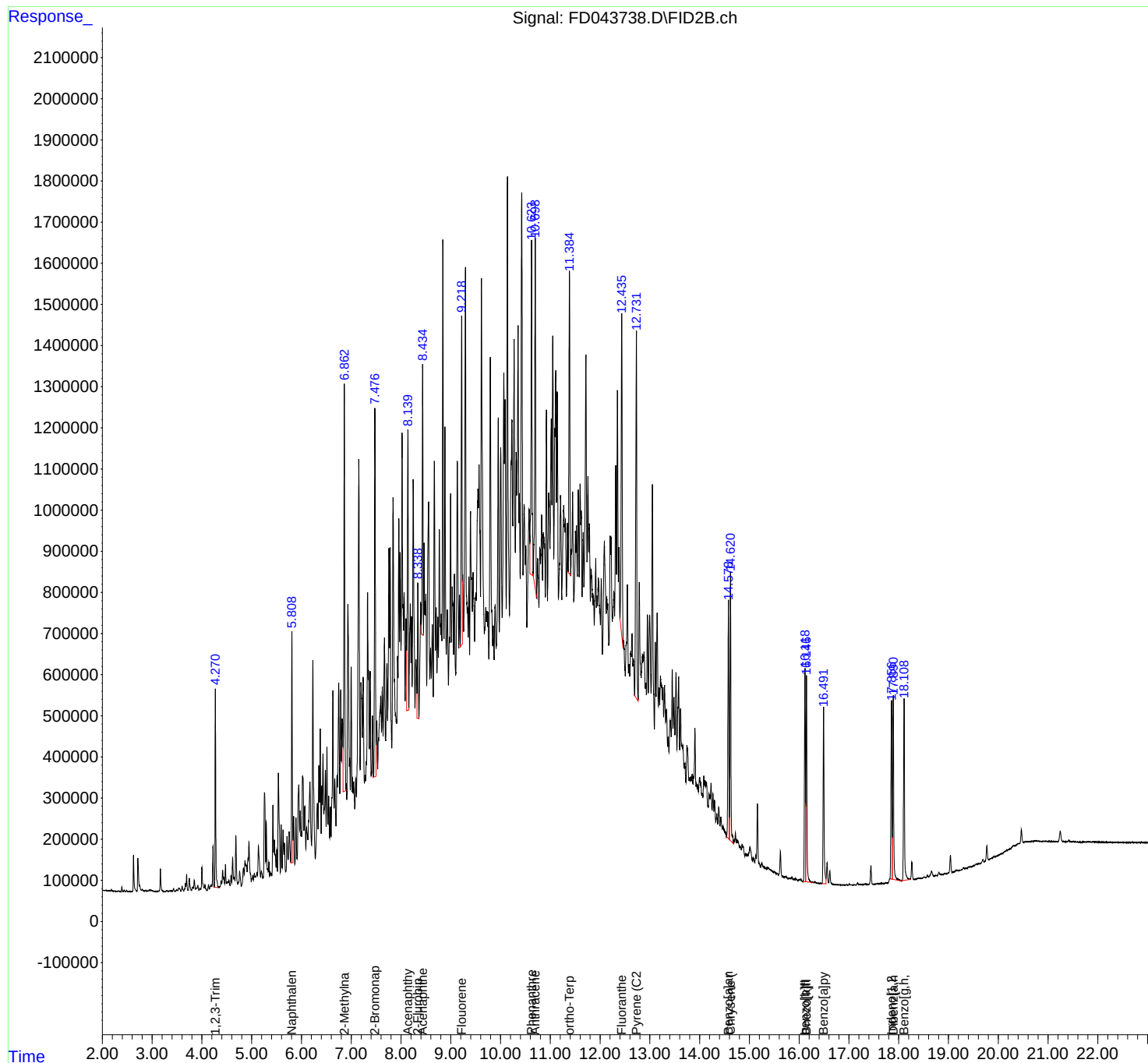
Response via : Initial Calibration

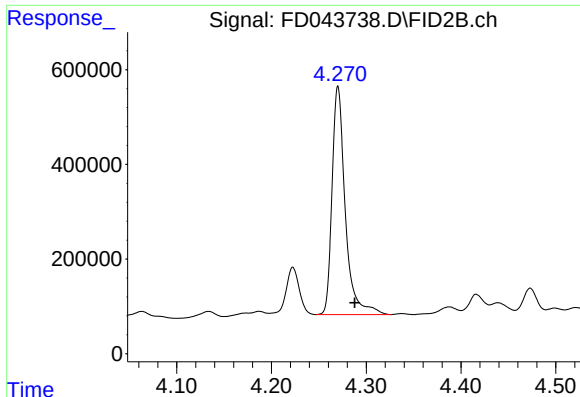
Integrator: ChemStation

Volume Inj. : 1 µl

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18µm





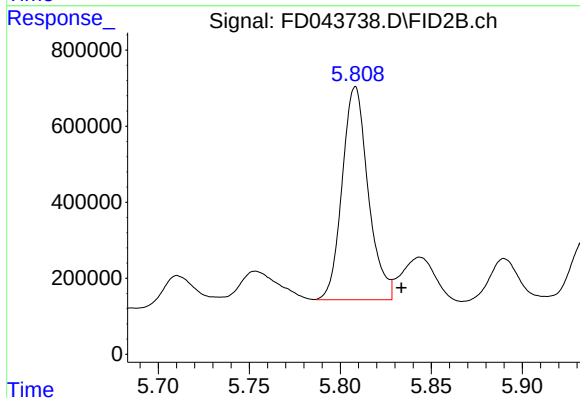
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.270 min
Delta R.T.: -0.018 min
Response: 4669851
Conc: 23.45 ug/ml

Instrument :
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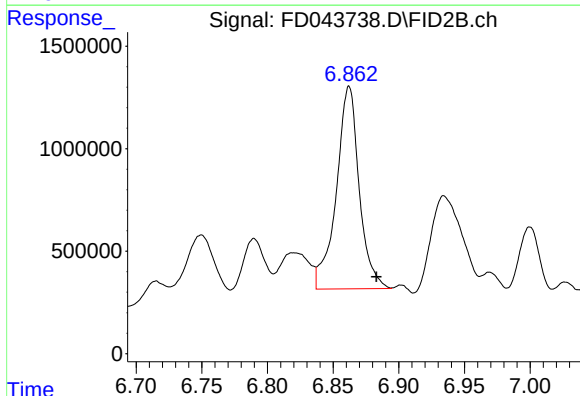
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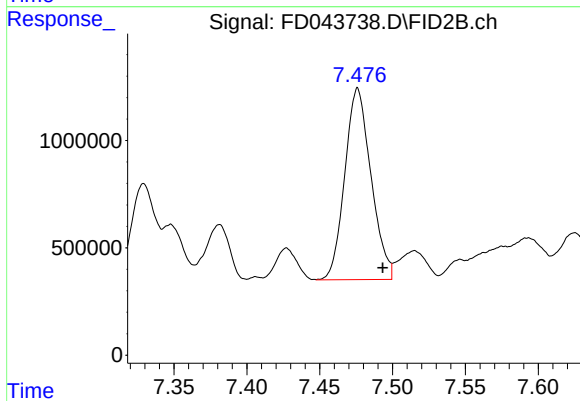
#2 Naphthalene (C11.7)

R.T.: 5.808 min
Delta R.T.: -0.025 min
Response: 5589317
Conc: 27.81 ug/ml m



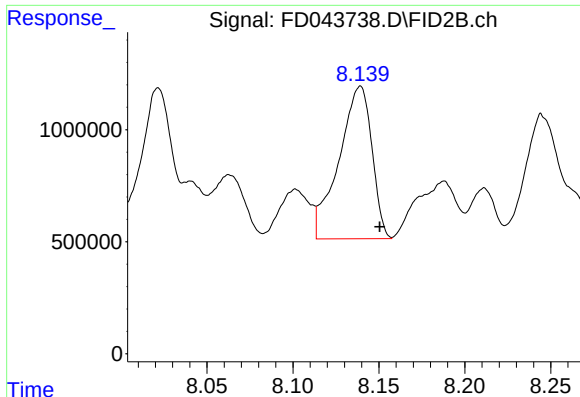
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.862 min
Delta R.T.: -0.021 min
Response: 11983465
Conc: 66.39 ug/ml m



#4 2-Bromonaphthalene (SURR)

R.T.: 7.476 min
Delta R.T.: -0.018 min
Response: 11165053
Conc: 64.62 ug/ml m



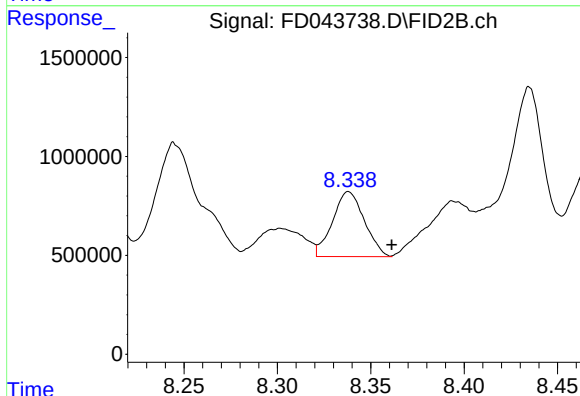
#5 Acenaphthylene (C15.06)

R.T.: 8.139 min
Delta R.T.: -0.011 min
Response: 9075218
Conc: 45.40 ug/ml

Instrument :
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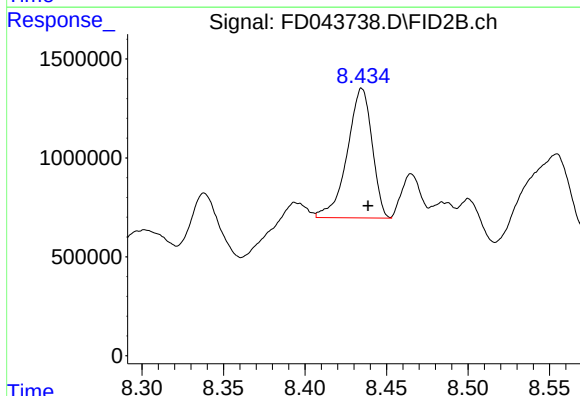
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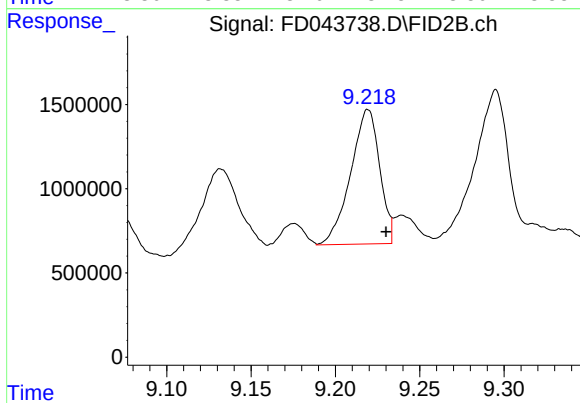
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.338 min
Delta R.T.: -0.024 min
Response: 3884623
Conc: 38.62 ug/ml m



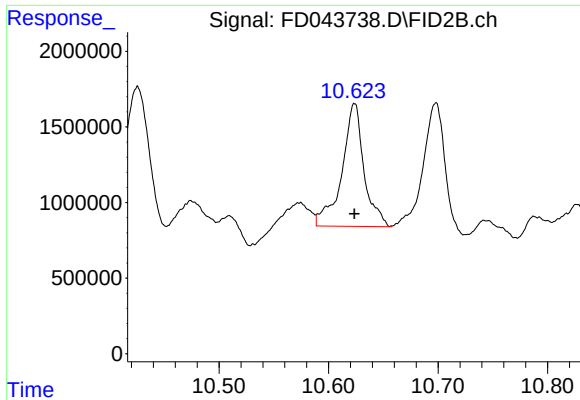
#7 Acenaphthene (C15.5)

R.T.: 8.434 min
Delta R.T.: -0.005 min
Response: 6933126
Conc: 32.25 ug/ml m



#8 Flouorene (C16.55)

R.T.: 9.218 min
Delta R.T.: -0.012 min
Response: 9554657
Conc: 49.84 ug/ml m



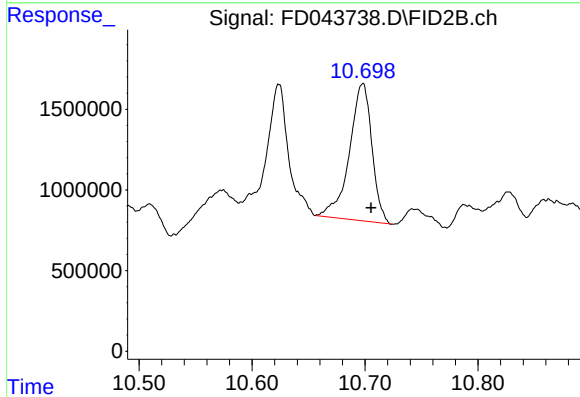
#9 Phenanthrene (C19.36)

R.T.: 10.623 min
Delta R.T.: 0.000 min
Response: 11415336
Conc: 63.48 ug/ml

Instrument :
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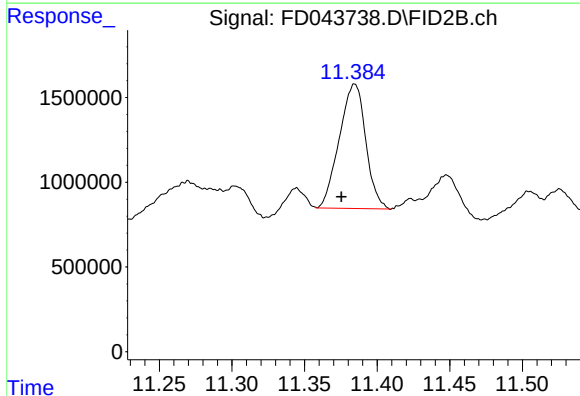
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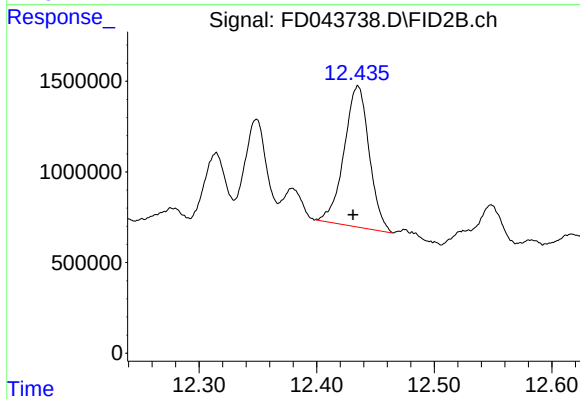
#10 Anthracene (C19.43)

R.T.: 10.698 min
Delta R.T.: -0.007 min
Response: 11762441
Conc: 60.47 ug/ml m



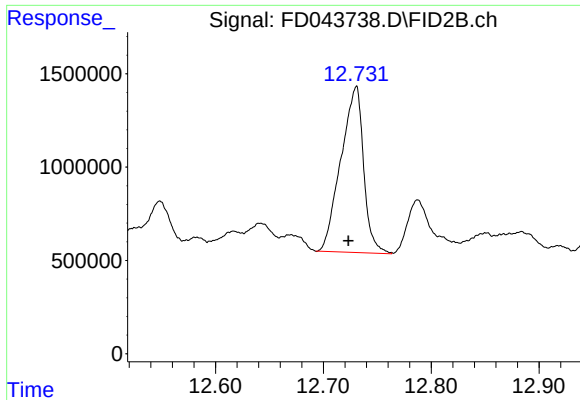
#11 ortho-Terphenyl (SURR)

R.T.: 11.384 min
Delta R.T.: 0.008 min
Response: 9311724
Conc: 44.51 ug/ml m



#12 Fluoranthene (C21.85)

R.T.: 12.435 min
Delta R.T.: 0.004 min
Response: 11541819
Conc: 63.29 ug/ml m



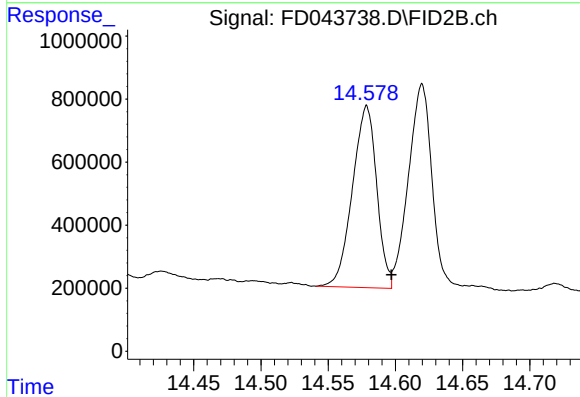
#13 Pyrene (C20.8)

R.T.: 12.730 min
Delta R.T.: 0.006 min
Response: 13028444
Conc: 69.80 ug/ml

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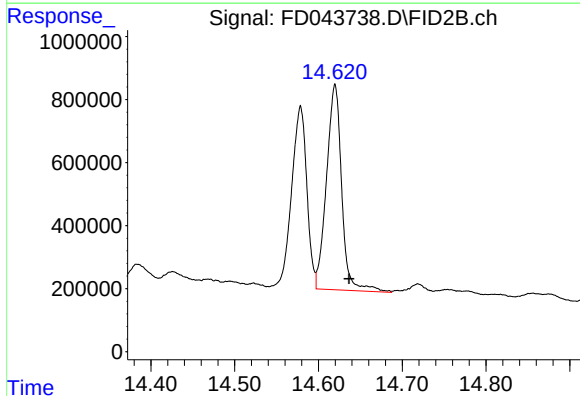
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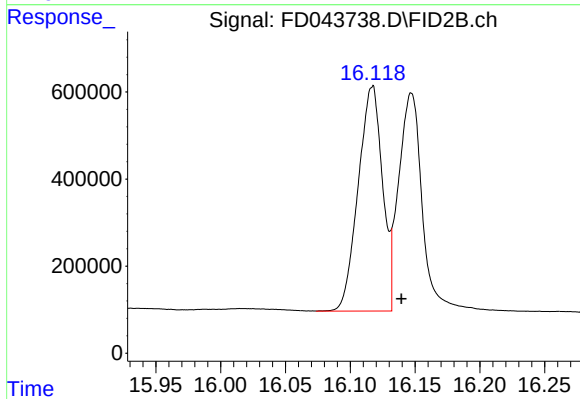
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.578 min
Delta R.T.: -0.019 min
Response: 7242661
Conc: 50.62 ug/ml



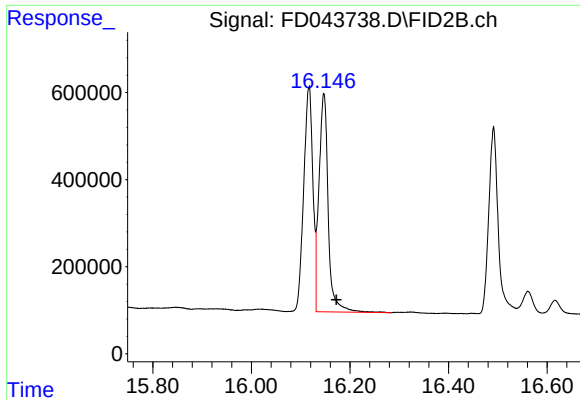
#15 Chrysene (C27.41)

R.T.: 14.620 min
Delta R.T.: -0.017 min
Response: 8232929
Conc: 42.66 ug/ml



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

R.T.: 16.118 min
Delta R.T.: -0.022 min
Response: 6797912
Conc: 47.11 ug/ml m



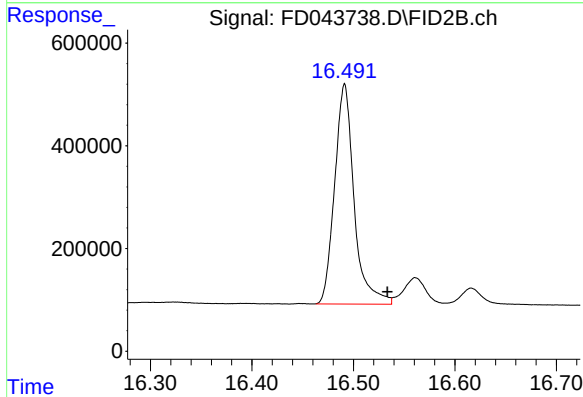
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.147 min
Delta R.T.: -0.026 min
Response: 6510553
Conc: 37.85 ug/ml

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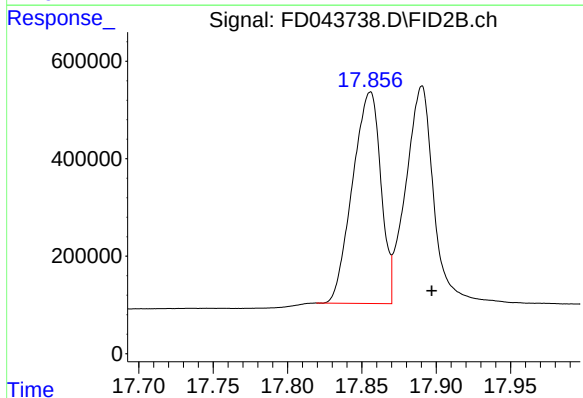
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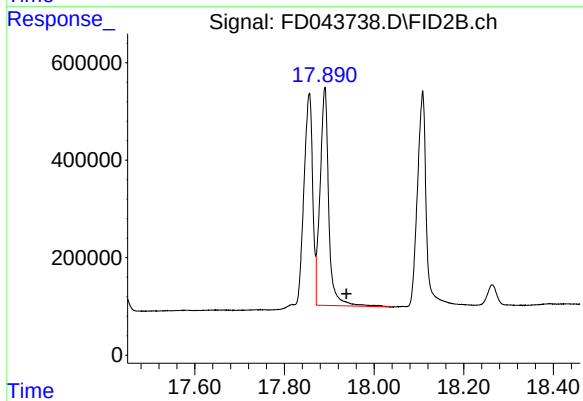
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.491 min
Delta R.T.: -0.042 min
Response: 5710326
Conc: 39.33 ug/ml m



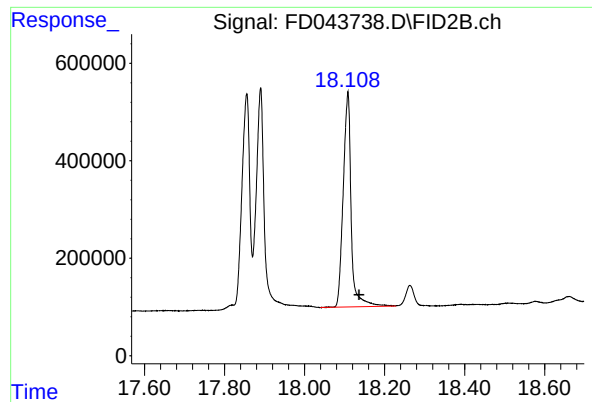
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.856 min
Delta R.T.: -0.041 min
Response: 5756455
Conc: 55.66 ug/ml m



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

R.T.: 17.890 min
Delta R.T.: -0.049 min
Response: 6023031
Conc: 42.80 ug/ml



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

R.T.: 18.108 min
Delta R.T.: -0.029 min
Response: 6093605
Conc: 47.87 ug/ml

Instrument :

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