

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070622AR\
 Data File : FD043178.D
 Signal(s) : FID2B.ch
 Acq On : 06 Jul 2022 16:14
 Operator : YP/AJ
 Sample : N3564-29MS
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 WC-16-2-4-GRMS

Manual Integrations
 APPROVED

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

Integration File: sample.E
 Quant Time: Jul 07 01:55:44 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...	7.632	7395105	47.893 ug/mlm
Spiked Amount 50.000		Recovery =	95.79%
6) S 2-Fluorobiphenyl (SURR)	8.500	4885189	46.316 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	92.63%
11) S ortho-Terphenyl (SURR)	11.551	4778612	26.292 ug/mlm
Spiked Amount 50.000		Recovery =	52.58%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.424	4511492	26.862 ug/mlm
2) T Naphthalene (C11.7)	5.966	5479225	31.297 ug/mlm
3) T 2-Methylnaphthalene (...)	7.021	6701986	41.668 ug/ml
5) T Acenaphthylene (C15.06)	8.301	8505201	47.850 ug/ml
7) T Acenaphthene (C15.5)	8.598	7070450	40.377 ug/ml
8) T Flouorene (C16.55)	9.383	8282005	47.779 ug/ml
9) T Phenanthrene (C19.36)	10.787	11549736	67.341 ug/ml
10) T Anthracene (C19.43)	10.861	8063630	47.463 ug/ml
12) T Fluoranthene (C21.85)	12.615	8127614	48.461 ug/mlm
13) T Pyrene (C20.8)	12.912	8902117	54.625 ug/mlm
14) T Benzo[a]anthracene (C...	14.794	9537178	61.412 ug/mlm
15) T Chrysene (C27.41)	14.845	12598610	79.824 ug/mlm
16) T benzo[b]fluoranthene ...	16.354	8558985	56.148 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.384	4772646	32.609 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.733	6531456	45.664 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	18.093	4470846	35.728 ug/mlm
20) T Dibenz[a,h]anthracene...	18.128	5160485	38.386 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.356	6080504	46.619 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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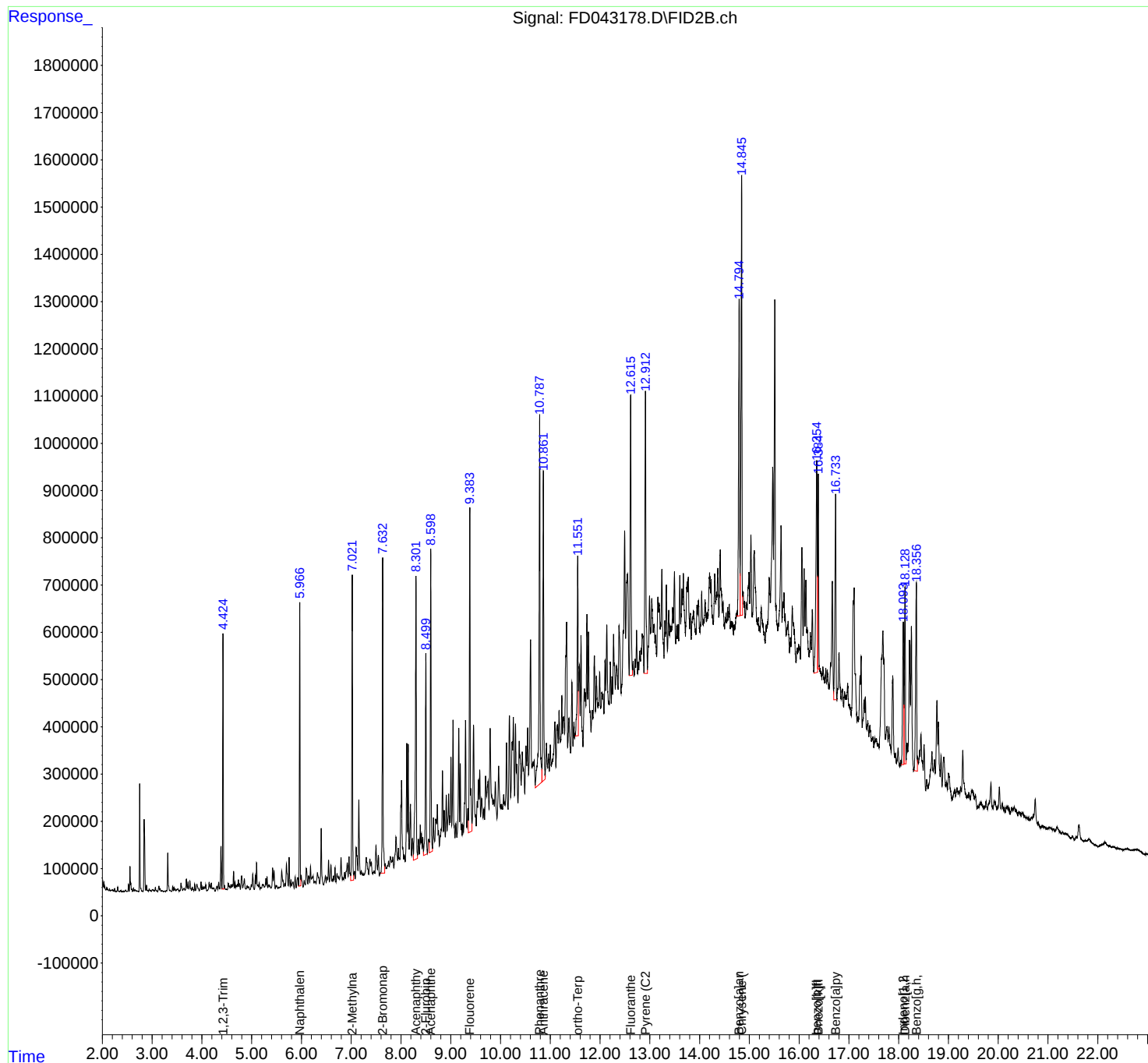
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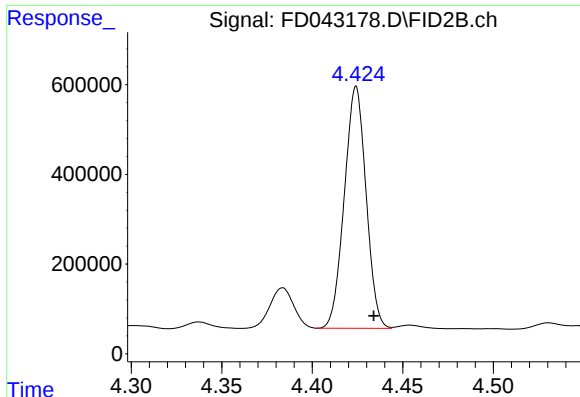
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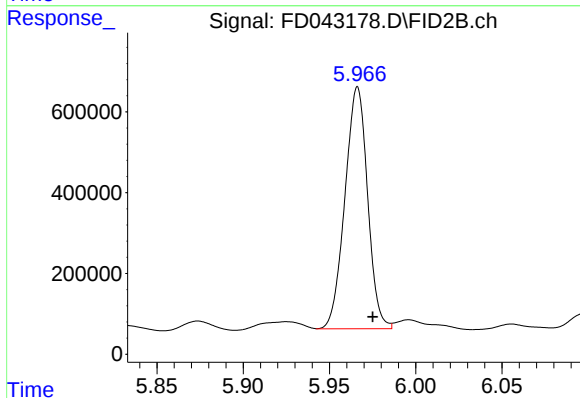
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.424 min
Delta R.T.: -0.010 min
Response: 4511492
Conc: 26.86 ug/ml

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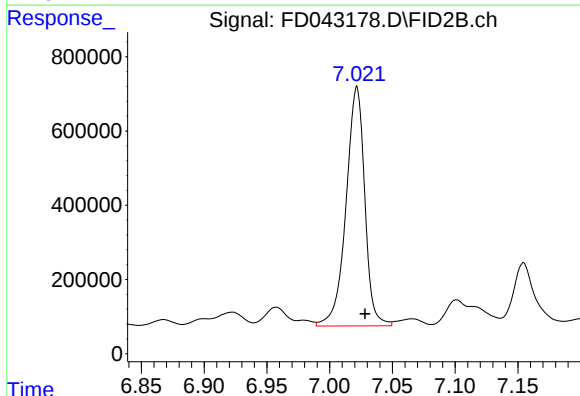
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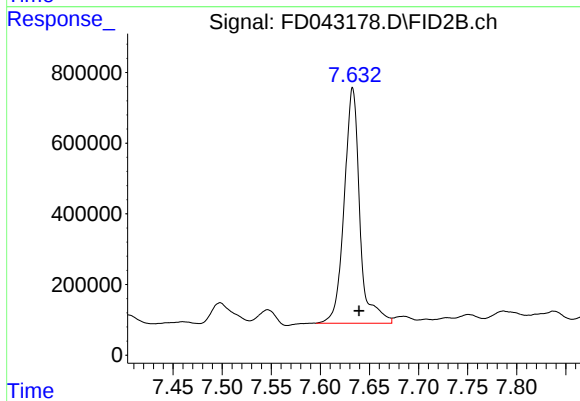
#2 Naphthalene (C11.7)

R.T.: 5.966 min
Delta R.T.: -0.009 min
Response: 5479225
Conc: 31.30 ug/ml m



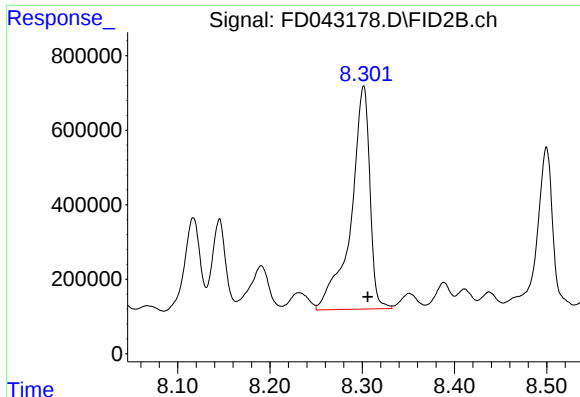
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.021 min
Delta R.T.: -0.007 min
Response: 6701986
Conc: 41.67 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.632 min
Delta R.T.: -0.007 min
Response: 7395105
Conc: 47.89 ug/ml m



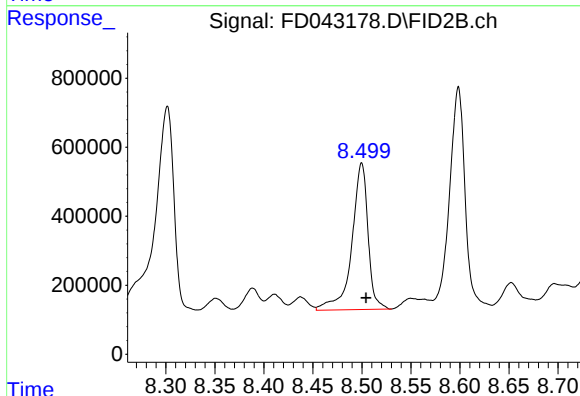
#5 Acenaphthylene (C15.06)

R.T.: 8.301 min
Delta R.T.: -0.005 min
Response: 8505201
Conc: 47.85 ug/ml

Instrument :
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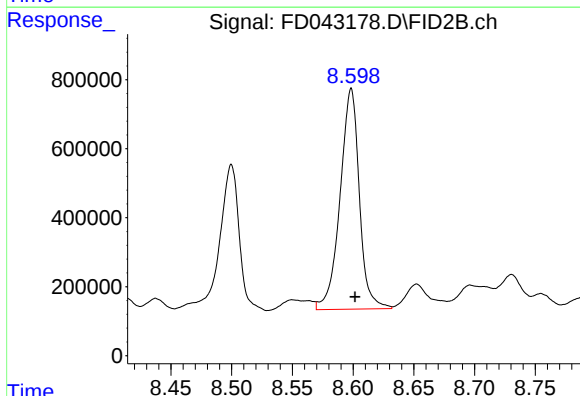
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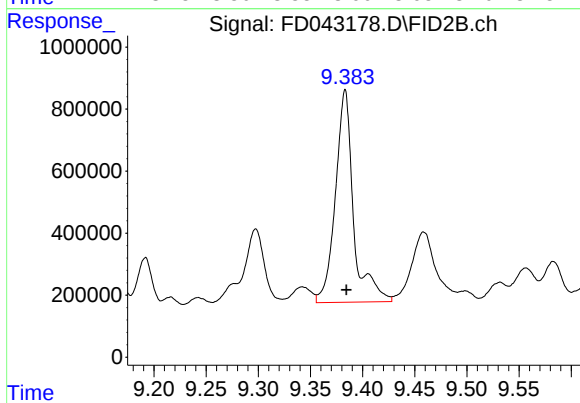
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.500 min
Delta R.T.: -0.005 min
Response: 4885189
Conc: 46.32 ug/ml



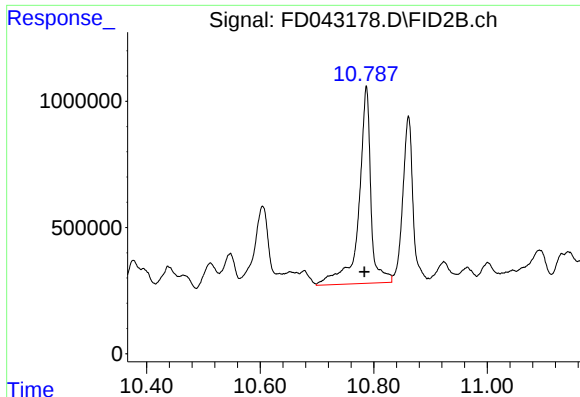
#7 Acenaphthene (C15.5)

R.T.: 8.598 min
Delta R.T.: -0.004 min
Response: 7070450
Conc: 40.38 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.383 min
Delta R.T.: -0.002 min
Response: 8282005
Conc: 47.78 ug/ml



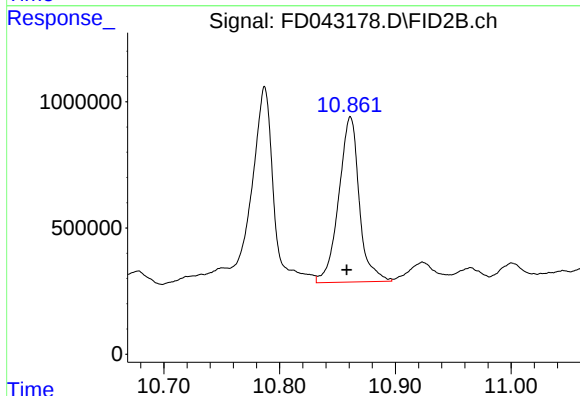
#9 Phenanthrene (C19.36)

R.T.: 10.787 min
Delta R.T.: 0.003 min
Response: 11549736
Conc: 67.34 ug/ml

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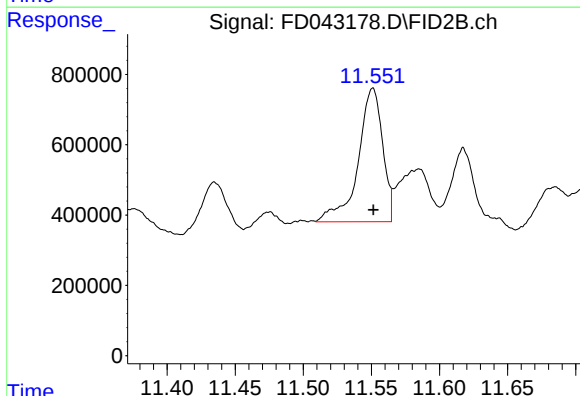
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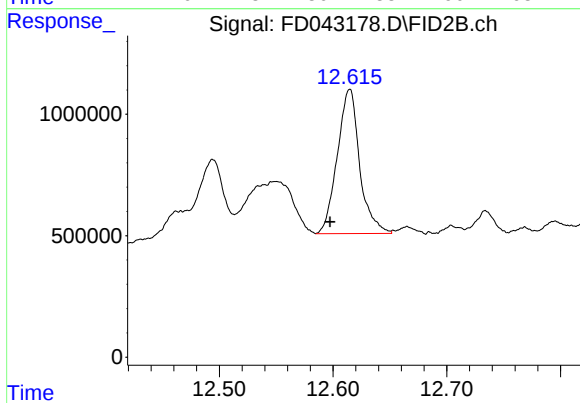
#10 Anthracene (C19.43)

R.T.: 10.861 min
Delta R.T.: 0.003 min
Response: 8063630
Conc: 47.46 ug/ml



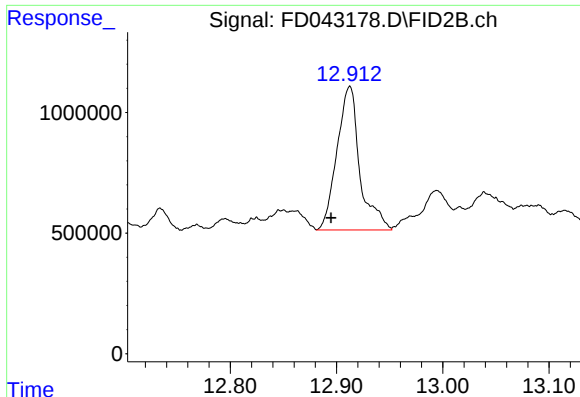
#11 ortho-Terphenyl (SURR)

R.T.: 11.551 min
Delta R.T.: 0.000 min
Response: 4778612
Conc: 26.29 ug/ml m



#12 Fluoranthene (C21.85)

R.T.: 12.615 min
Delta R.T.: 0.017 min
Response: 8127614
Conc: 48.46 ug/ml m



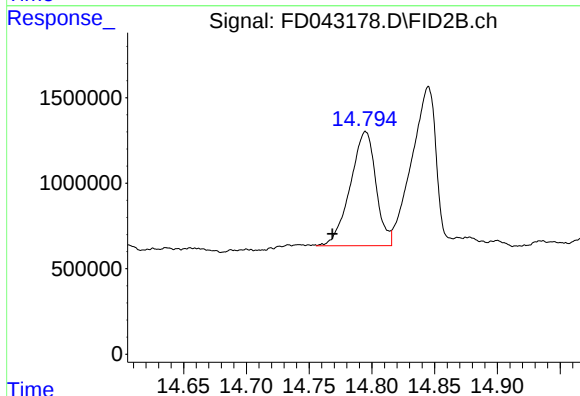
#13 Pyrene (C20.8)

R.T.: 12.912 min
Delta R.T.: 0.017 min
Response: 8902117
Conc: 54.62 ug/ml

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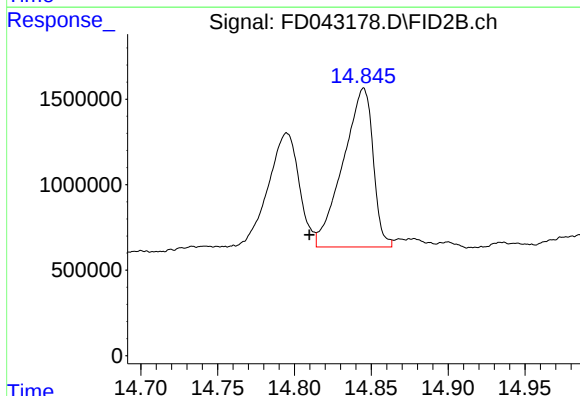
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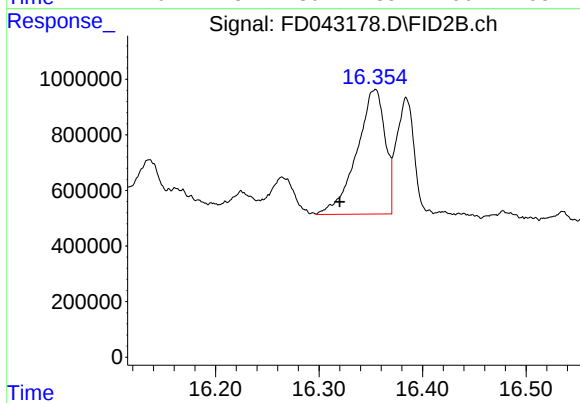
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.794 min
Delta R.T.: 0.026 min
Response: 9537178
Conc: 61.41 ug/ml m



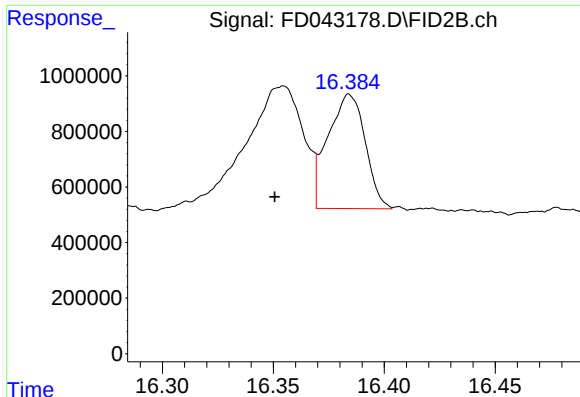
#15 Chrysene (C27.41)

R.T.: 14.845 min
Delta R.T.: 0.035 min
Response: 12598610
Conc: 79.82 ug/ml m



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

R.T.: 16.354 min
Delta R.T.: 0.034 min
Response: 8558985
Conc: 56.15 ug/ml m



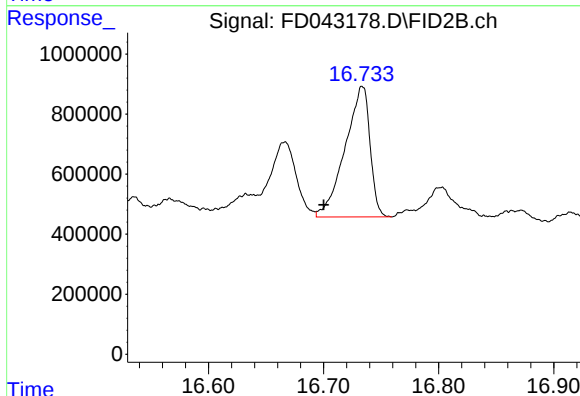
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.384 min
Delta R.T.: 0.033 min
Response: 4772646
Conc: 32.61 ug/ml

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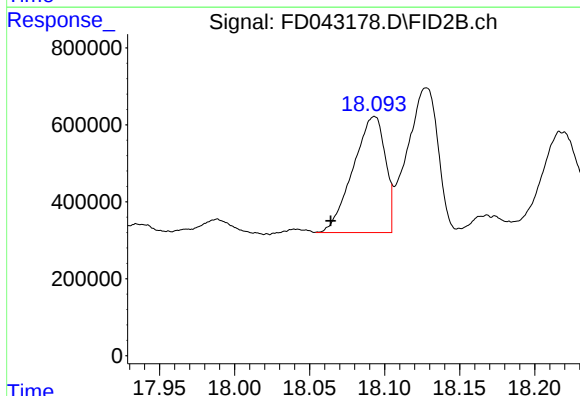
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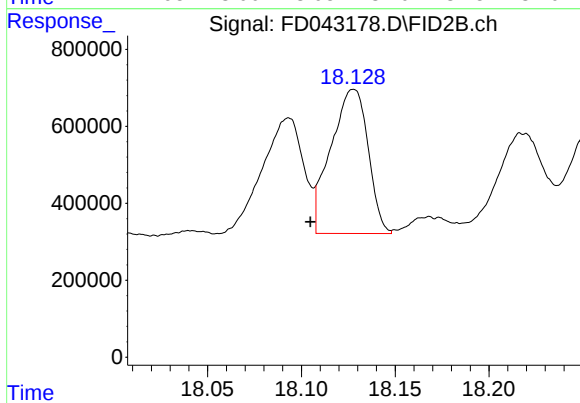
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.733 min
Delta R.T.: 0.033 min
Response: 6531456
Conc: 45.66 ug/ml m



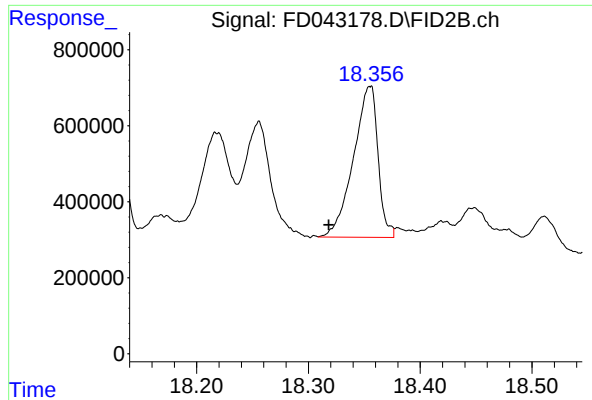
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.093 min
Delta R.T.: 0.029 min
Response: 4470846
Conc: 35.73 ug/ml m



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

R.T.: 18.128 min
Delta R.T.: 0.023 min
Response: 5160485
Conc: 38.39 ug/ml m



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

R.T.: 18.356 min
Delta R.T.: 0.038 min
Response: 6080504
Conc: 46.62 ug/ml

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