

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070522AR\
 Data File : FD043170.D
 Signal(s) : FID2B.ch
 Acq On : 06 Jul 2022 10:02
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

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

Integration File: autoint1.e
 Quant Time: Jul 06 10:27:23 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	3188040	20.647 ug/ml
Spiked Amount 50.000		Recovery =	41.29%
6) S 2-Fluorobiphenyl (SURR)	8.497	2130574	20.200 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.40%
11) S ortho-Terphenyl (SURR)	11.541	3583516	19.717 ug/ml
Spiked Amount 50.000		Recovery =	39.43%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.428	3574731	21.284 ug/ml
2) T Naphthalene (C11.7)	5.969	3650522	20.852 ug/ml
3) T 2-Methylnaphthalene (...)	7.022	3315468	20.613 ug/ml
5) T Acenaphthylene (C15.06)	8.300	3534559	19.885 ug/ml
7) T Acenaphthene (C15.5)	8.595	3548248	20.263 ug/ml
8) T Flouorene (C16.55)	9.377	3484385	20.101 ug/ml
9) T Phenanthrene (C19.36)	10.775	3304417	19.267 ug/ml
10) T Anthracene (C19.43)	10.850	3136580	18.462 ug/ml
12) T Fluoranthene (C21.85)	12.590	3169775	18.900 ug/ml
13) T Pyrene (C20.8)	12.887	3044114	18.679 ug/ml
14) T Benzo[a]anthracene (C...	14.760	2913914	18.763 ug/ml
15) T Chrysene (C27.41)	14.802	2964841	18.785 ug/ml
16) T benzo[b]fluoranthene ...	16.312	2893081	18.979 ug/ml
17) T Bnezo[k]fluoranthene ...	16.344	2845572	19.442 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.691	2860994	20.002 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.057	2678846	21.407 ug/ml
20) T Dibenz[a,h]anthracene...	18.096	2942464	21.887 ug/ml
21) T Benzo[g,h,i]perylene ...	18.312	2820166	21.622 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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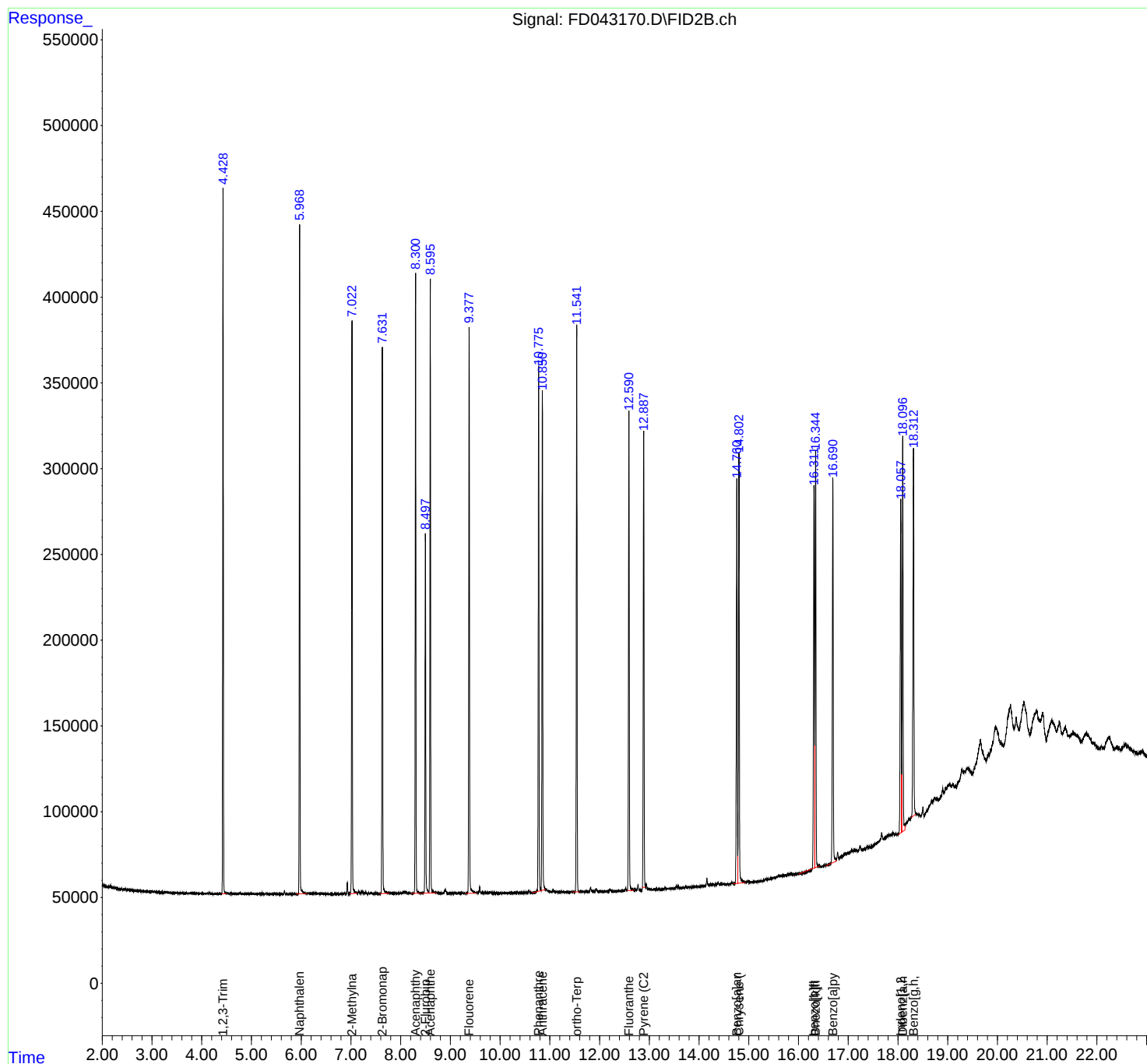
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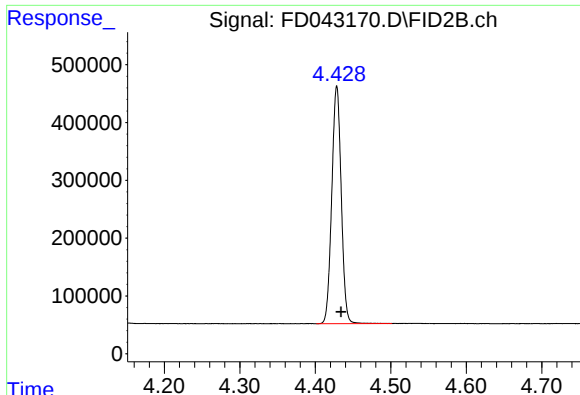
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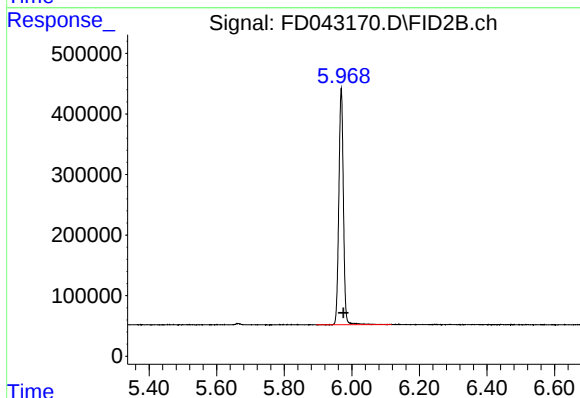
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.428 min
Delta R.T.: -0.006 min
Response: 3574731
Conc: 21.28 ug/ml

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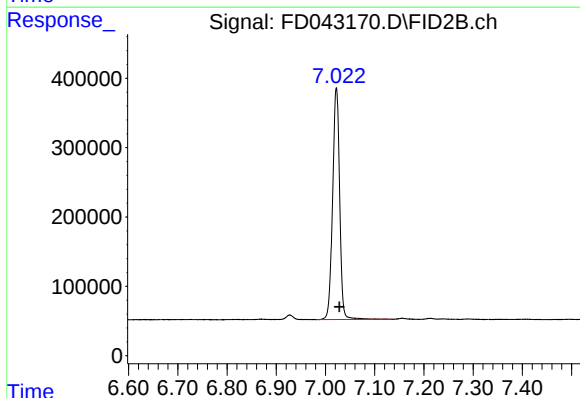
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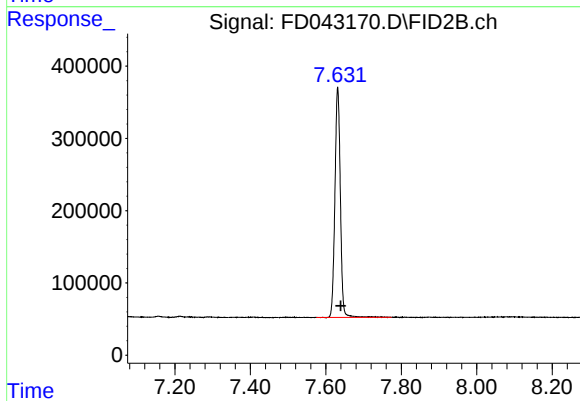
#2 Naphthalene (C11.7)

R.T.: 5.969 min
Delta R.T.: -0.006 min
Response: 3650522
Conc: 20.85 ug/ml



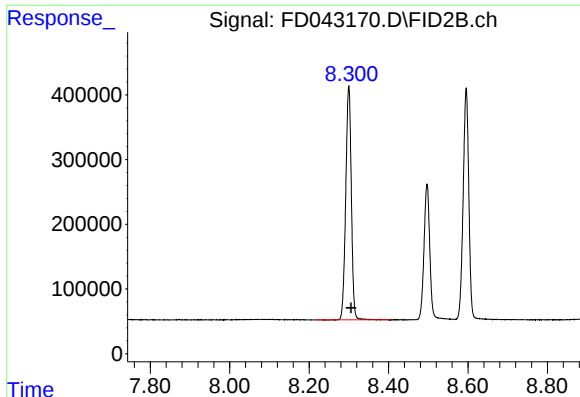
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.022 min
Delta R.T.: -0.006 min
Response: 3315468
Conc: 20.61 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.632 min
Delta R.T.: -0.008 min
Response: 3188040
Conc: 20.65 ug/ml



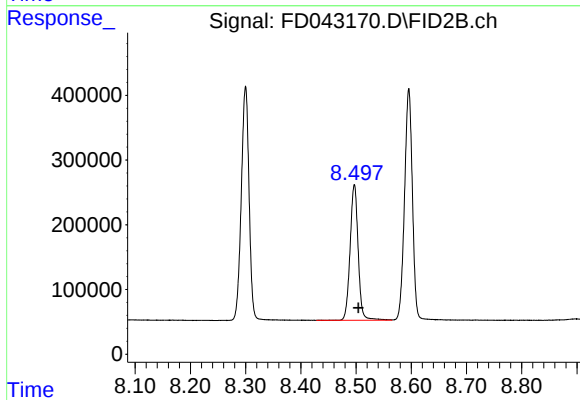
#5 Acenaphthylene (C15.06)

R.T.: 8.300 min
Delta R.T.: -0.006 min
Response: 3534559
Conc: 19.89 ug/ml

Instrument :
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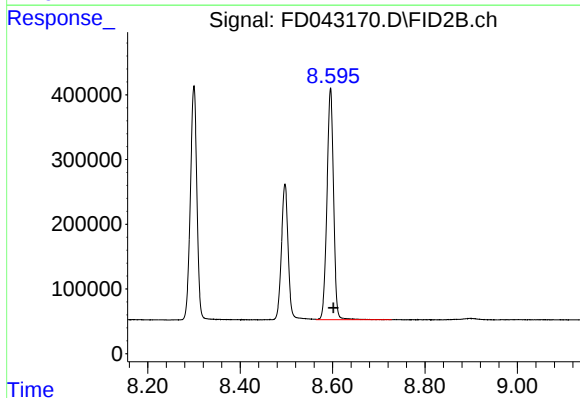
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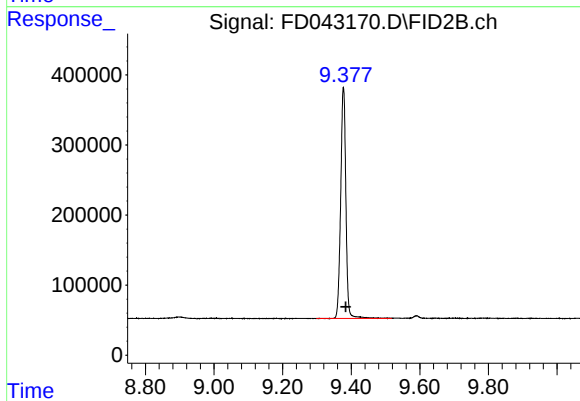
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.497 min
Delta R.T.: -0.007 min
Response: 2130574
Conc: 20.20 ug/ml



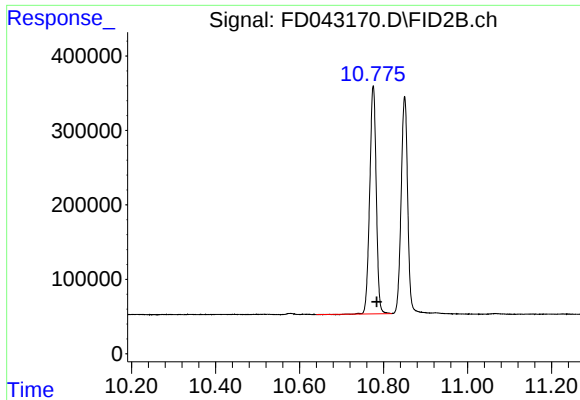
#7 Acenaphthene (C15.5)

R.T.: 8.595 min
Delta R.T.: -0.006 min
Response: 3548248
Conc: 20.26 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.377 min
Delta R.T.: -0.007 min
Response: 3484385
Conc: 20.10 ug/ml



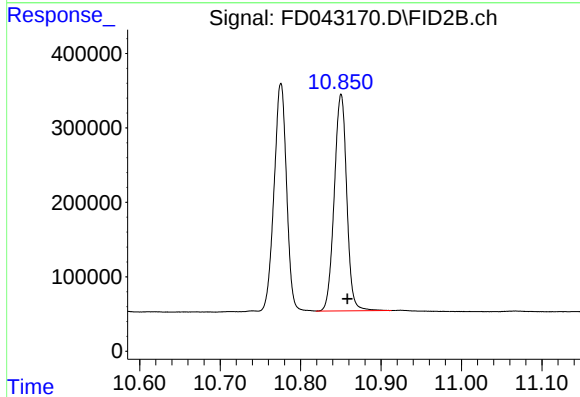
#9 Phenanthrene (C19.36)

R.T.: 10.775 min
Delta R.T.: -0.008 min
Response: 3304417
Conc: 19.27 ug/ml

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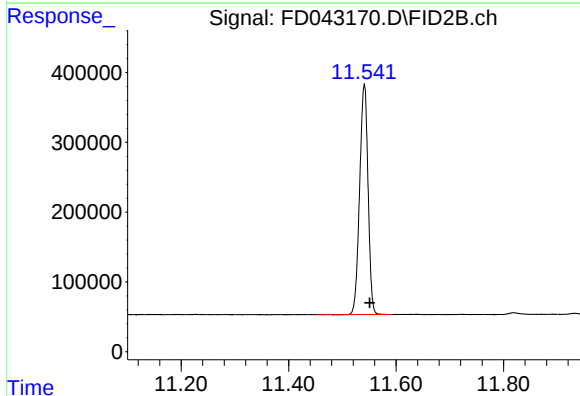
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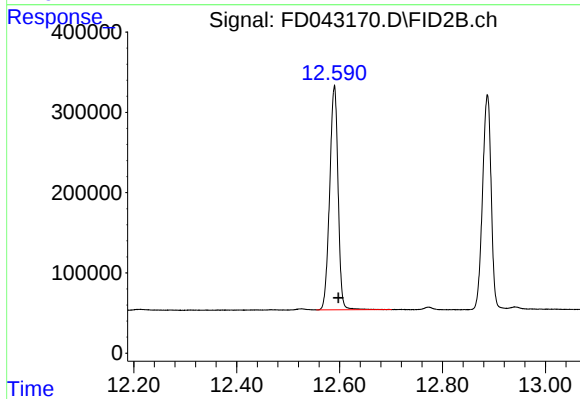
#10 Anthracene (C19.43)

R.T.: 10.850 min
Delta R.T.: -0.008 min
Response: 3136580
Conc: 18.46 ug/ml



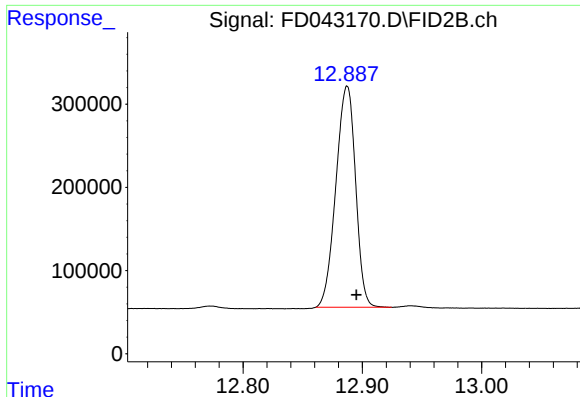
#11 ortho-Terphenyl (SURR)

R.T.: 11.541 min
Delta R.T.: -0.011 min
Response: 3583516
Conc: 19.72 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.590 min
Delta R.T.: -0.008 min
Response: 3169775
Conc: 18.90 ug/ml



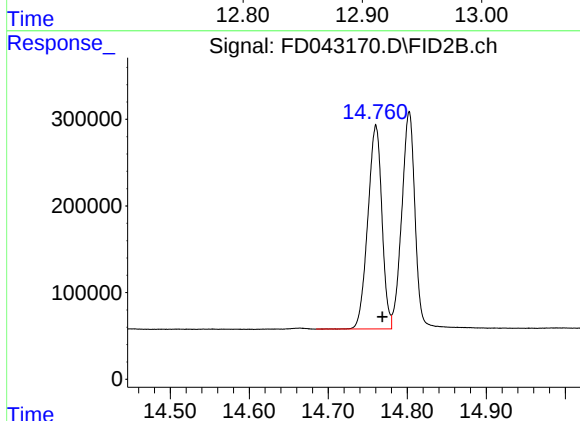
#13 Pyrene (C20.8)

R.T.: 12.887 min
Delta R.T.: -0.008 min
Response: 3044114
Conc: 18.68 ug/ml

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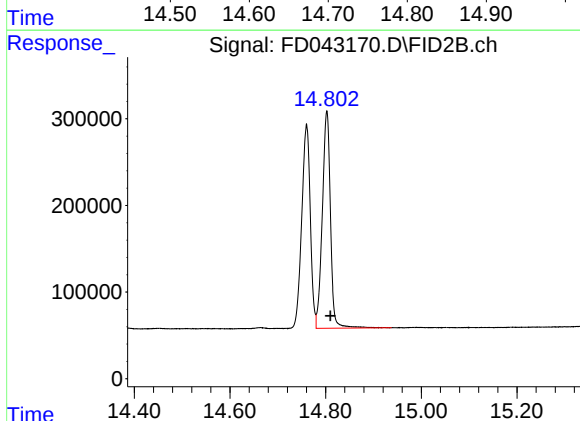
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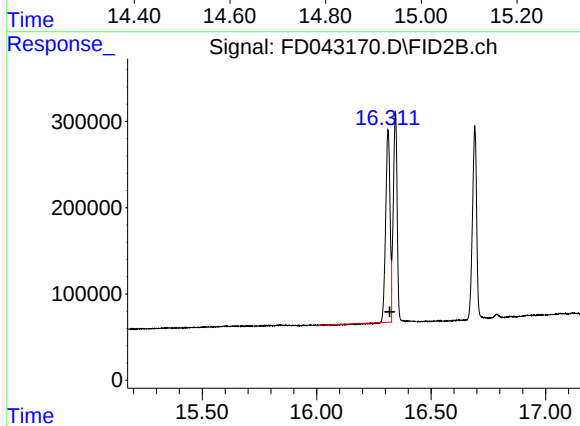
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.760 min
Delta R.T.: -0.008 min
Response: 2913914
Conc: 18.76 ug/ml



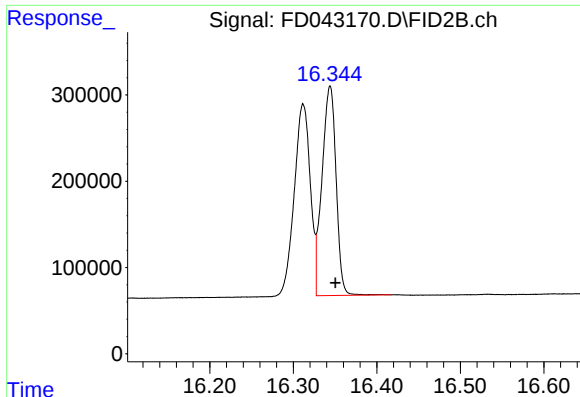
#15 Chrysene (C27.41)

R.T.: 14.802 min
Delta R.T.: -0.008 min
Response: 2964841
Conc: 18.79 ug/ml



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

R.T.: 16.312 min
Delta R.T.: -0.008 min
Response: 2893081
Conc: 18.98 ug/ml



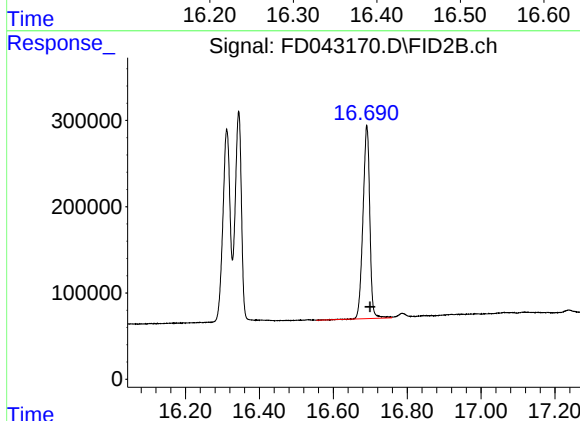
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.344 min
Delta R.T.: -0.007 min
Response: 2845572
Conc: 19.44 ug/ml

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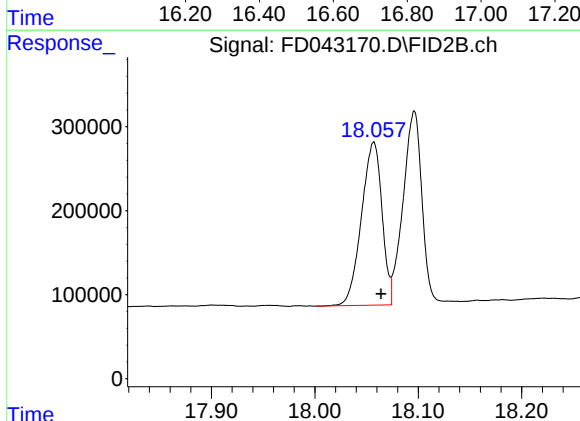
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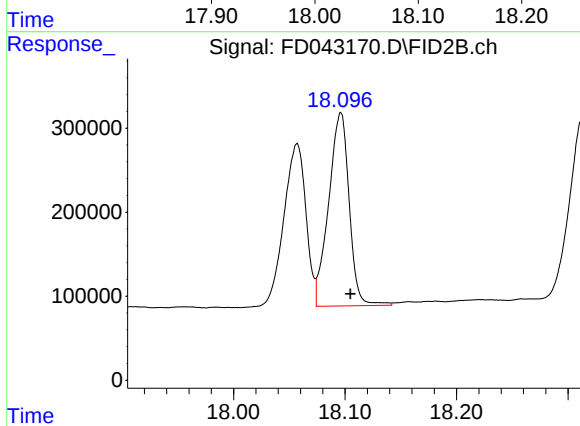
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.691 min
Delta R.T.: -0.009 min
Response: 2860994
Conc: 20.00 ug/ml



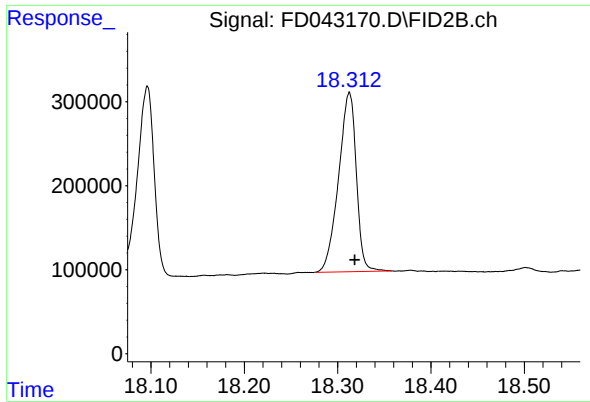
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.057 min
Delta R.T.: -0.007 min
Response: 2678846
Conc: 21.41 ug/ml



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

R.T.: 18.096 min
Delta R.T.: -0.009 min
Response: 2942464
Conc: 21.89 ug/ml



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

R.T.: 18.312 min
Delta R.T.: -0.006 min
Response: 2820166
Conc: 21.62 ug/ml

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