

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD072522AR\
 Data File : FD043330.D
 Signal(s) : FID2B.ch
 Acq On : 25 Jul 2022 13:11
 Operator : YP/AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Integration File: autoint1.e
 Quant Time: Jul 25 15:41:48 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 072522.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 25 15:39:37 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...	7.625	13695083	97.309 ug/ml
Spiked Amount 50.000		Recovery =	194.62%
6) S 2-Fluorobiphenyl (SURR)	8.489	9443904	99.098 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	198.20%#
11) S ortho-Terphenyl (SURR)	11.537	16190682	96.967 ug/ml
Spiked Amount 50.000		Recovery =	193.93%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.416	15163346	98.134 ug/ml
2) T Naphthalene (C11.7)	5.959	15767433	99.680 ug/ml
3) T 2-Methylnaphthalene (...)	7.014	14436825	99.623 ug/ml
5) T Acenaphthylene (C15.06)	8.293	15557271	97.226 ug/ml
7) T Acenaphthene (C15.5)	8.591	15542951	97.206 ug/ml
8) T Fluorene (C16.55)	9.373	15359532	98.330 ug/ml
9) T Phenanthrene (C19.36)	10.771	15417344	99.519 ug/ml
10) T Anthracene (C19.43)	10.849	14825758	97.067 ug/ml
12) T Fluoranthene (C21.85)	12.587	15211846	97.085 ug/ml
13) T Pyrene (C20.8)	12.885	15092934	97.423 ug/ml
14) T Benzo[a]anthracene (C...	14.759	14566114	97.477 ug/ml
15) T Chrysene (C27.41)	14.807	14389301	93.008 ug/ml
16) T benzo[b]fluoranthene ...	16.314	14501079	94.822 ug/ml
17) T Bnezo[k]fluoranthene ...	16.352	13422664	88.610 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.695	13432730	92.239 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.061	12196514	99.902 ug/ml
20) T Dibenz[a,h]anthracene...	18.103	11993245	81.628 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.321	12138814	90.892 ug/ml

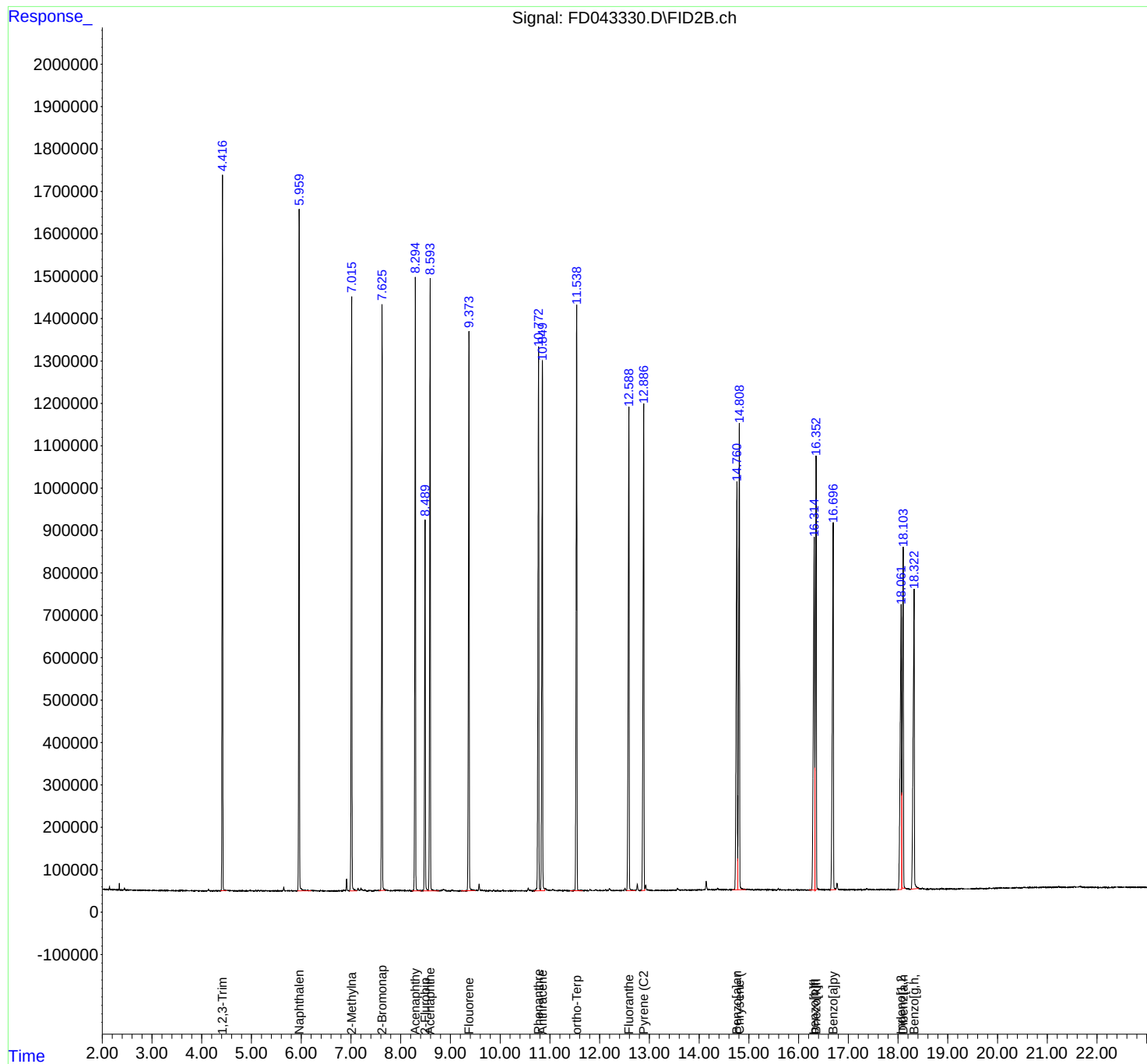
(f)=RT Delta > 1/2 Window

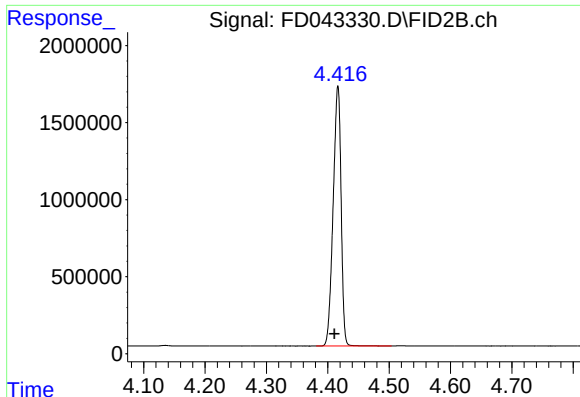
(m)=manual int.

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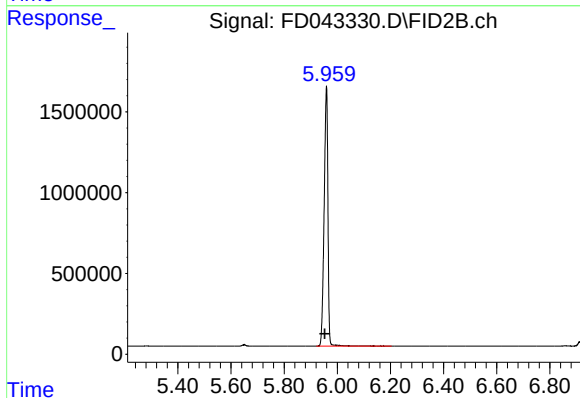
Volume Inj. : 1 µl
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Signal Info : 20M x 0.18mm x 0.18µm





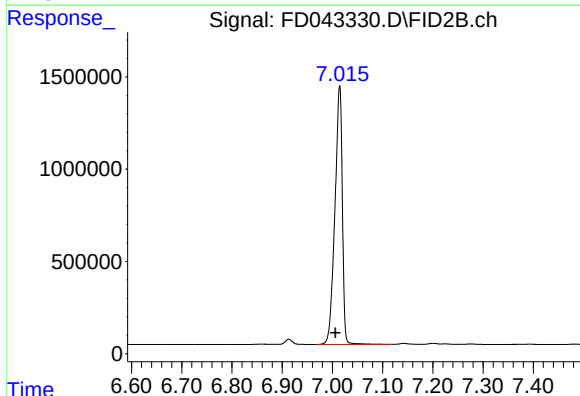
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.416 min
Delta R.T.: 0.005 min
Response: 15163346
Conc: 98.13 ug/ml



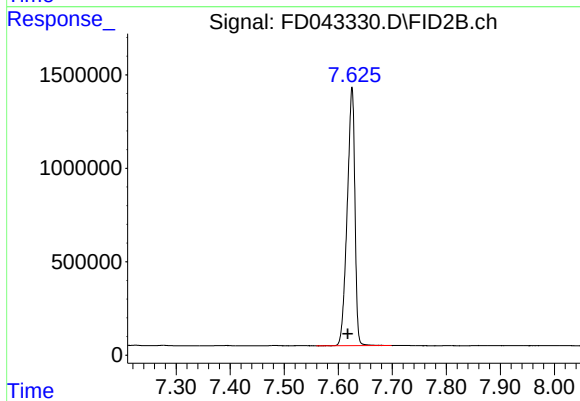
#2 Naphthalene (C11.7)

R.T.: 5.959 min
Delta R.T.: 0.006 min
Response: 15767433
Conc: 99.68 ug/ml



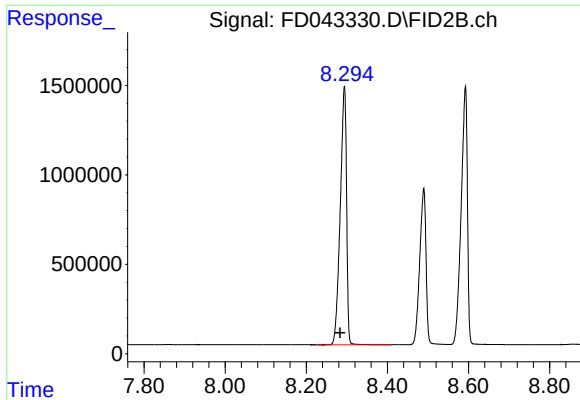
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.014 min
Delta R.T.: 0.008 min
Response: 14436825
Conc: 99.62 ug/ml



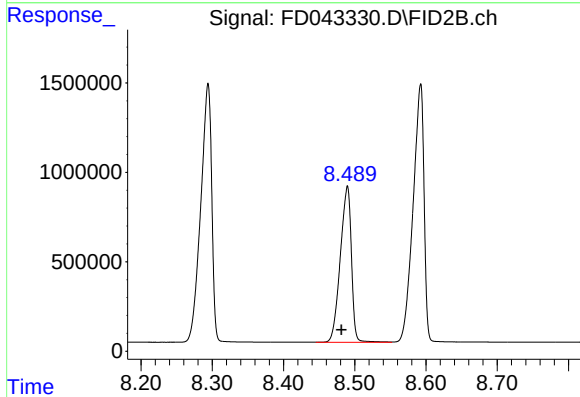
#4 2-Bromonaphthalene (SURR)

R.T.: 7.625 min
Delta R.T.: 0.007 min
Response: 13695083
Conc: 97.31 ug/ml



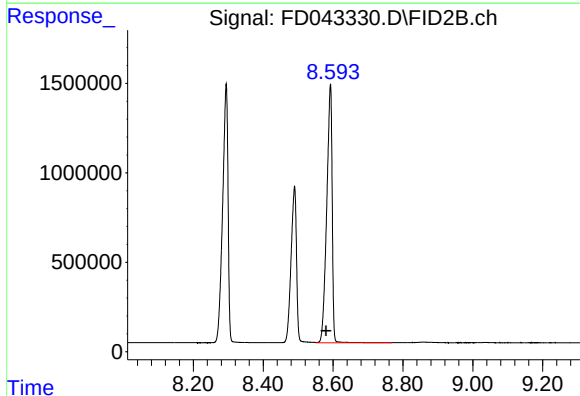
#5 Acenaphthylene (C15.06)

R.T.: 8.293 min
Delta R.T.: 0.010 min
Response: 15557271
Conc: 97.23 ug/ml



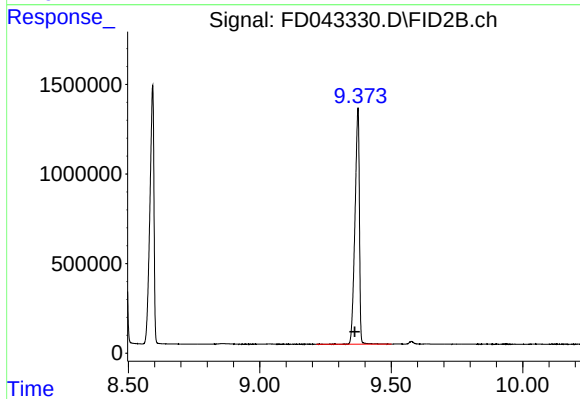
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.489 min
Delta R.T.: 0.008 min
Response: 9443904
Conc: 99.10 ug/ml



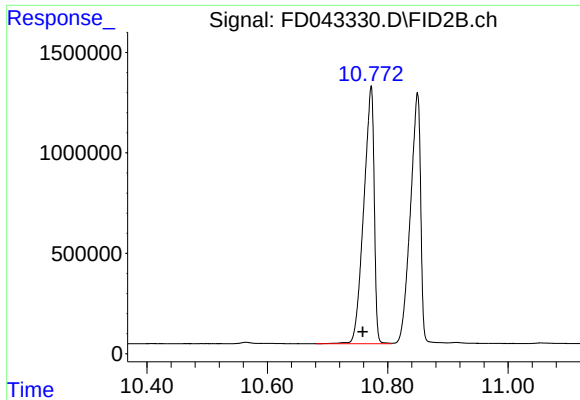
#7 Acenaphthene (C15.5)

R.T.: 8.591 min
Delta R.T.: 0.012 min
Response: 15542951
Conc: 97.21 ug/ml



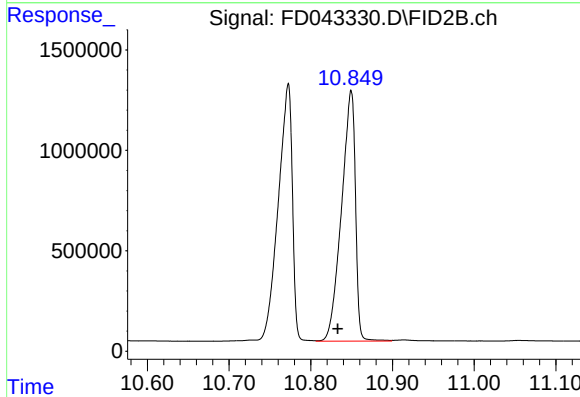
#8 Fluorene (C16.55)

R.T.: 9.373 min
Delta R.T.: 0.011 min
Response: 15359532
Conc: 98.33 ug/ml



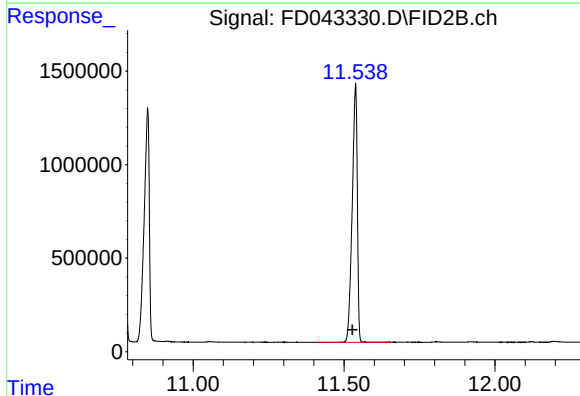
#9 Phenanthrene (C19.36)

R.T.: 10.771 min
Delta R.T.: 0.013 min
Response: 15417344
Conc: 99.52 ug/ml



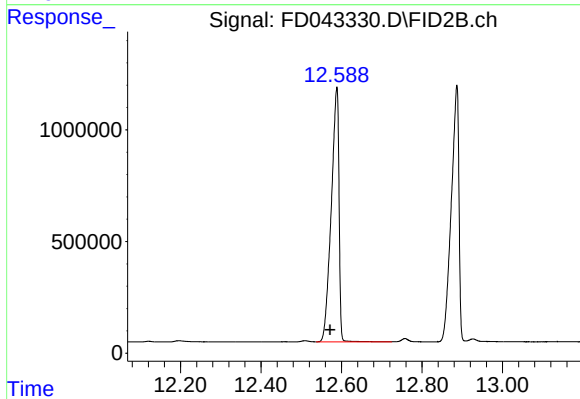
#10 Anthracene (C19.43)

R.T.: 10.849 min
Delta R.T.: 0.015 min
Response: 14825758
Conc: 97.07 ug/ml



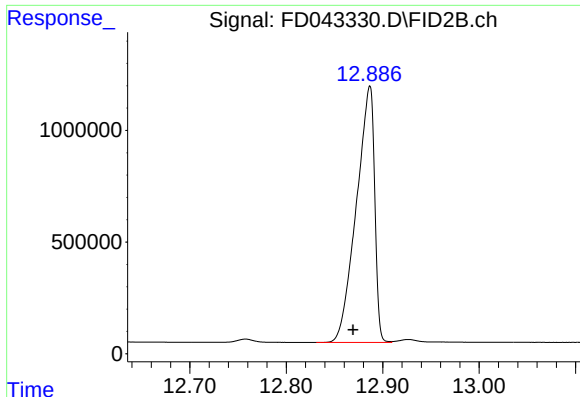
#11 ortho-Terphenyl (SURR)

R.T.: 11.537 min
Delta R.T.: 0.010 min
Response: 16190682
Conc: 96.97 ug/ml



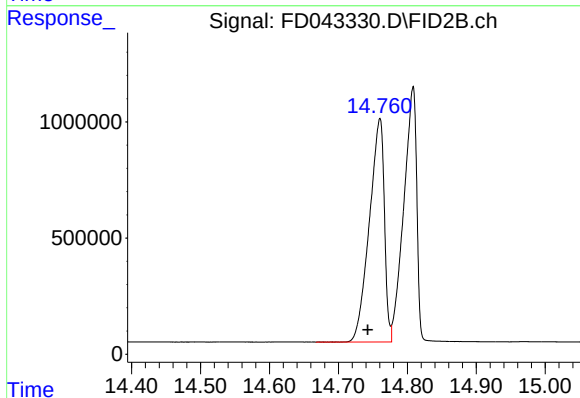
#12 Fluoranthene (C21.85)

R.T.: 12.587 min
Delta R.T.: 0.016 min
Response: 15211846
Conc: 97.08 ug/ml



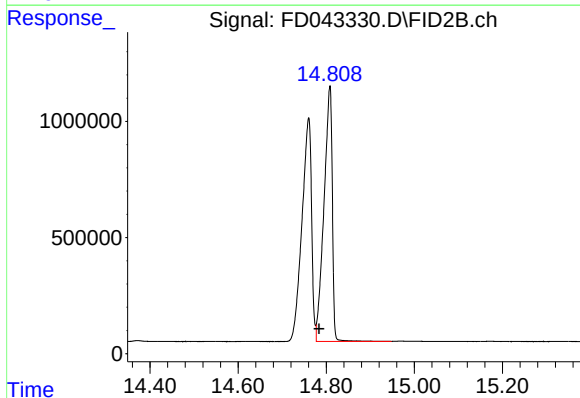
#13 Pyrene (C20.8)

R.T.: 12.885 min
Delta R.T.: 0.016 min
Response: 15092934
Conc: 97.42 ug/ml



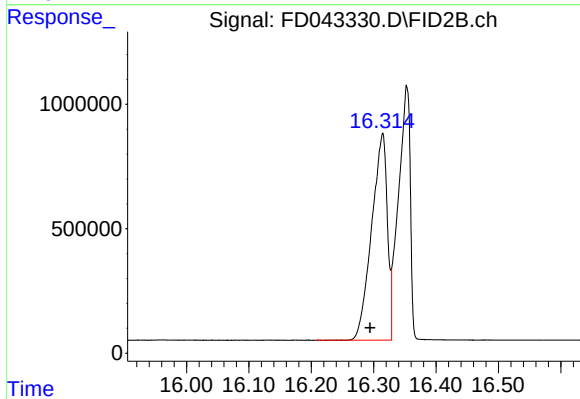
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.759 min
Delta R.T.: 0.017 min
Response: 14566114
Conc: 97.48 ug/ml



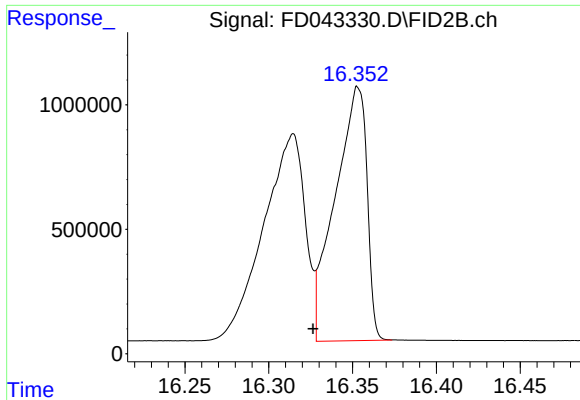
#15 Chrysene (C27.41)

R.T.: 14.807 min
Delta R.T.: 0.023 min
Response: 14389301
Conc: 93.01 ug/ml



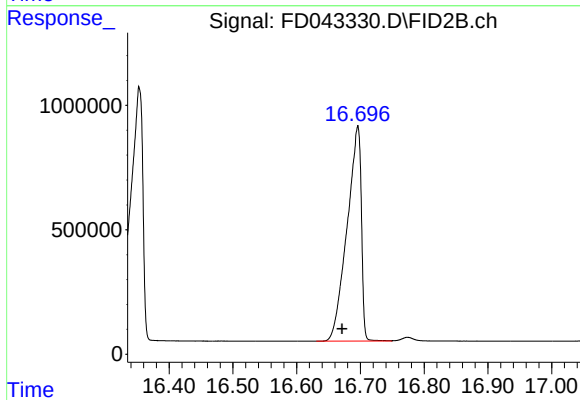
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.314 min
Delta R.T.: 0.019 min
Response: 14501079
Conc: 94.82 ug/ml



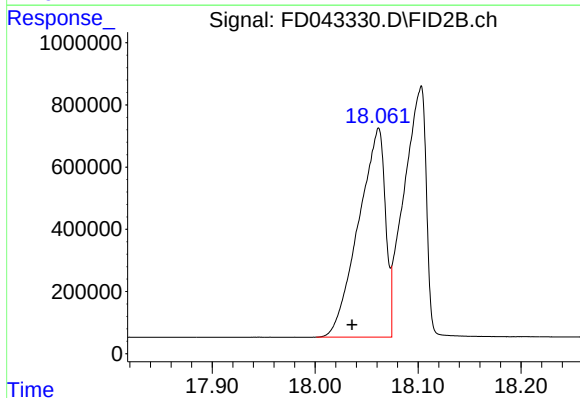
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.352 min
Delta R.T.: 0.026 min
Response: 13422664
Conc: 88.61 ug/ml m



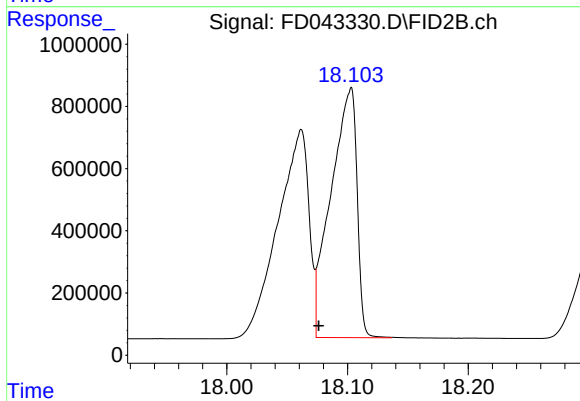
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.695 min
Delta R.T.: 0.023 min
Response: 13432730
Conc: 92.24 ug/ml



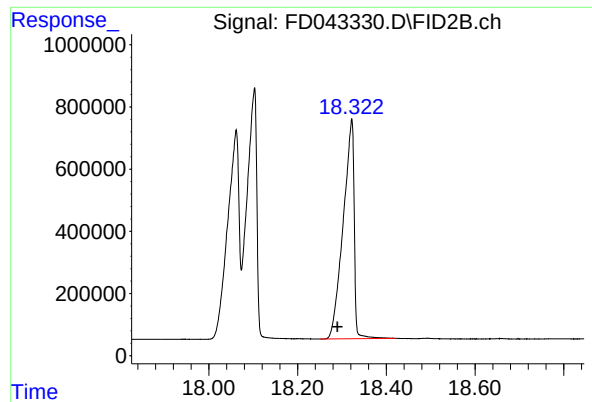
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.061 min
Delta R.T.: 0.025 min
Response: 12196514
Conc: 99.90 ug/ml



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

R.T.: 18.103 min
Delta R.T.: 0.027 min
Response: 11993245
Conc: 81.63 ug/ml m



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

R.T.: 18.321 min
Delta R.T.: 0.030 min
Response: 12138814
Conc: 90.89 ug/ml