

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061623AR\
 Data File : FD045845.D
 Signal(s) : FID2B.ch
 Acq On : 16 Jun 2023 14:01
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Jun 17 00:38:27 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:44:25 2023
 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...	7.523	4090987	22.692 ug/ml
Spiked Amount 50.000		Recovery =	45.38%
6) S 2-Fluorobiphenyl (SURR)	8.378	2708268	22.526 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	45.05%
11) S ortho-Terphenyl (SURR)	11.418	5077527	22.732 ug/ml
Spiked Amount 50.000		Recovery =	45.46%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.334	4592933	22.751 ug/ml
2) T Naphthalene (C11.7)	5.863	4764622	22.486 ug/ml
3) T 2-Methylnaphthalene (...)	6.912	4757162	22.524 ug/ml
5) T Acenaphthylene (C15.06)	8.182	4283833	22.610 ug/ml
7) T Acenaphthene (C15.5)	8.478	4589343	22.699 ug/ml
8) T Fluorene (C16.55)	9.256	4438058	22.399 ug/ml
9) T Phenanthrene (C19.36)	10.646	4253852	22.235 ug/ml
10) T Anthracene (C19.43)	10.720	3024533	17.755 ug/ml
12) T Fluoranthene (C21.85)	12.450	4090487	22.141 ug/ml
13) T Pyrene (C20.8)	12.744	3963350	22.191 ug/ml
14) T Benzo[a]anthracene (C...	14.609	3330935	21.275 ug/ml
15) T Chrysene (C27.41)	14.651	3571707	21.649 ug/ml
16) T benzo[b]fluoranthene ...	16.150	3355112	22.168 ug/ml
17) T Bnezo[k]fluoranthene ...	16.183	3309911	21.379 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.525	3228941	22.080 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.882	3190307	21.782 ug/ml
20) T Dibenz[a,h]anthracene...	17.924	3326764	22.176 ug/ml
21) T Benzo[g,h,i]perylene ...	18.136	3308885	22.425 ug/ml

(f)=RT Delta > 1/2 Window

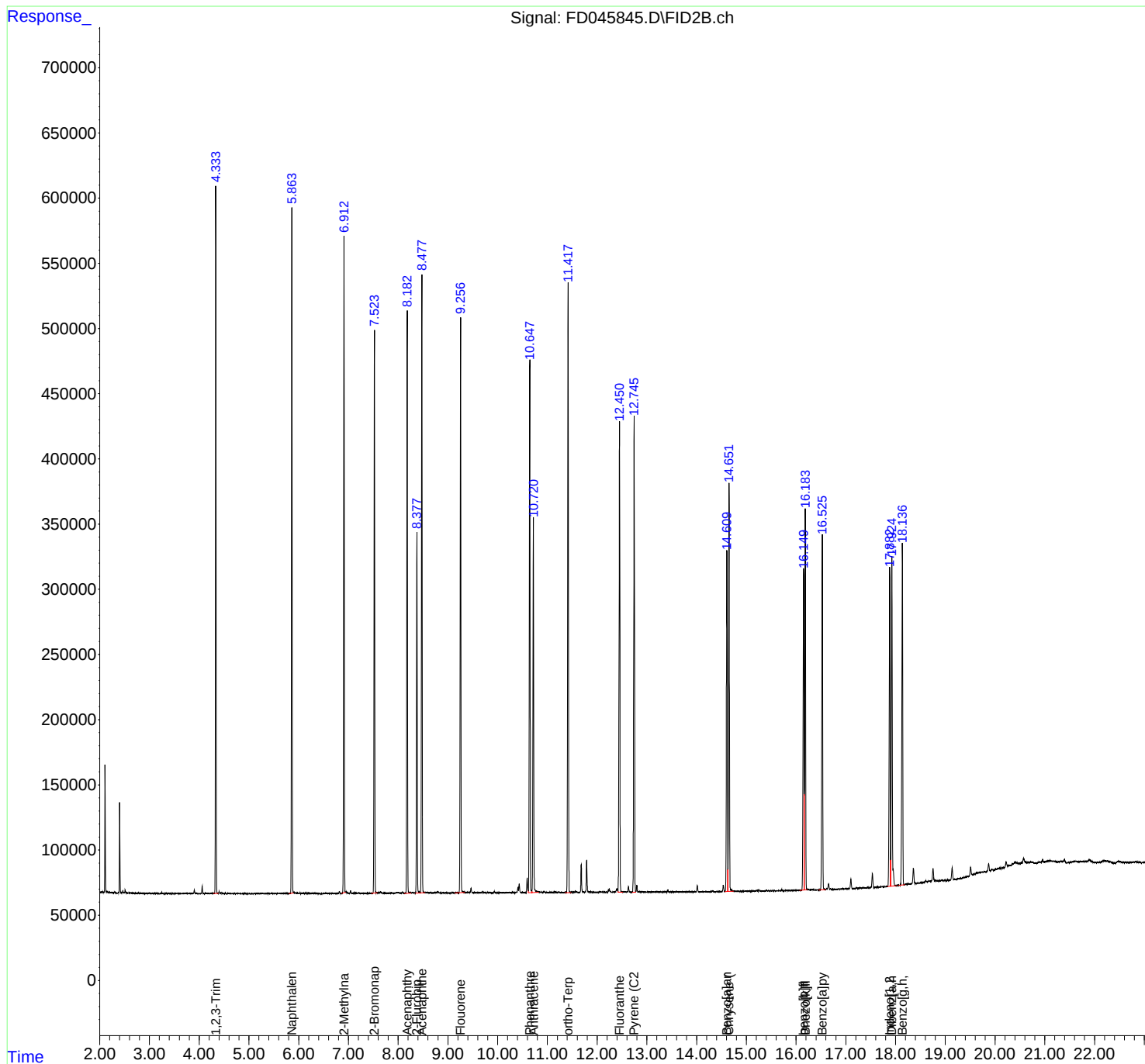
(m)=manual int.

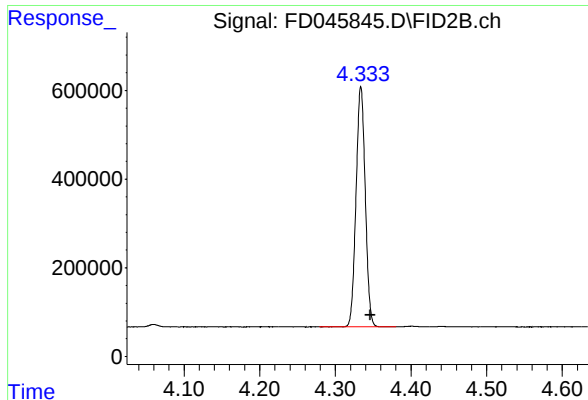
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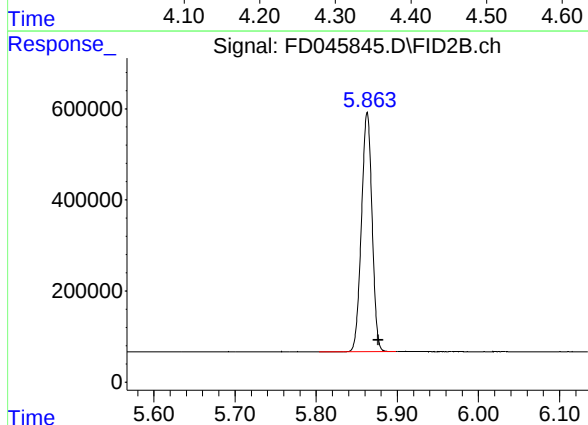




#1 1,2,3-Trimethylbenzene (C10.1)

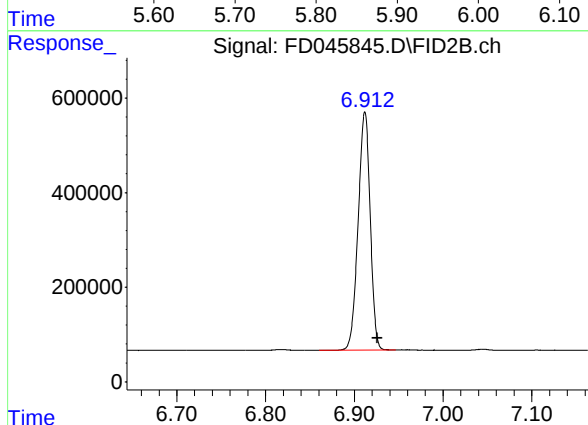
R.T.: 4.334 min
Delta R.T.: -0.012 min
Response: 4592933
Conc: 22.75 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



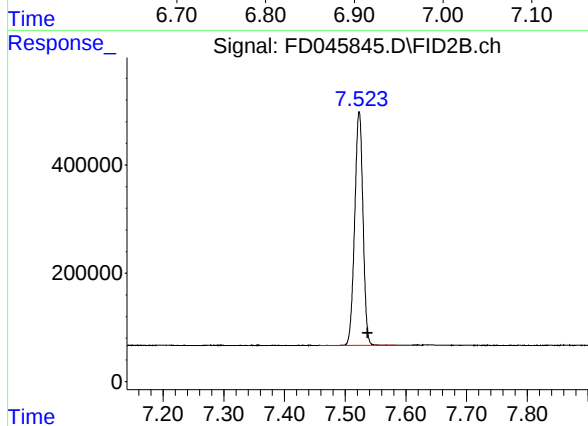
#2 Naphthalene (C11.7)

R.T.: 5.863 min
Delta R.T.: -0.014 min
Response: 4764622
Conc: 22.49 ug/ml



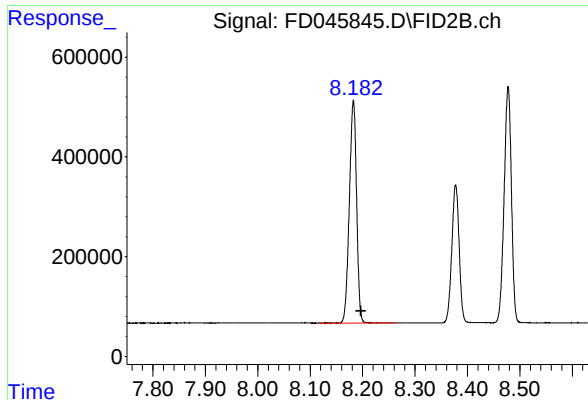
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.912 min
Delta R.T.: -0.014 min
Response: 4757162
Conc: 22.52 ug/ml



#4 2-Bromonaphthalene (SURR)

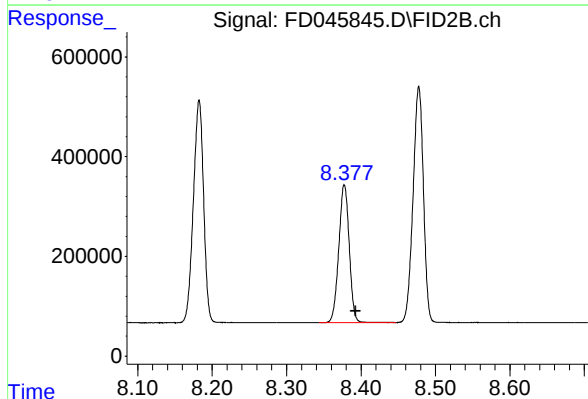
R.T.: 7.523 min
Delta R.T.: -0.014 min
Response: 4090987
Conc: 22.69 ug/ml



#5 Acenaphthylene (C15.06)

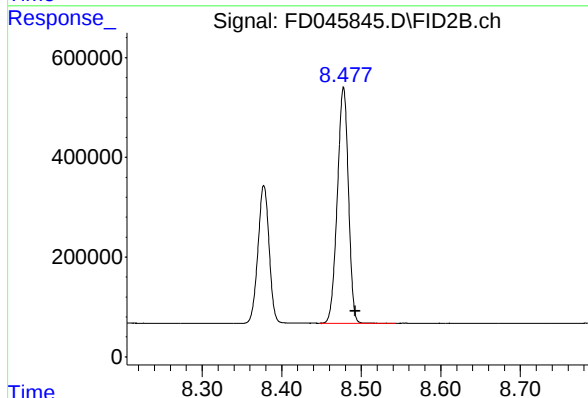
R.T.: 8.182 min
Delta R.T.: -0.014 min
Response: 4283833
Conc: 22.61 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



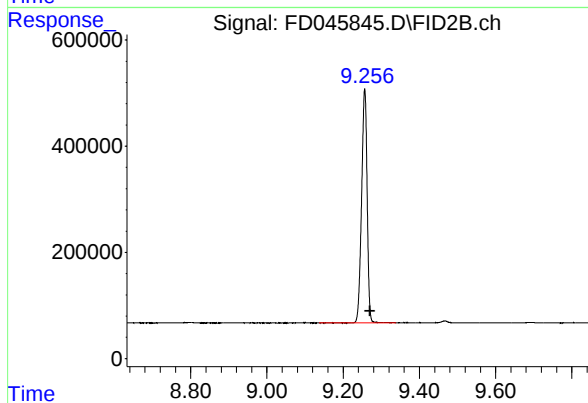
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.378 min
Delta R.T.: -0.015 min
Response: 2708268
Conc: 22.53 ug/ml



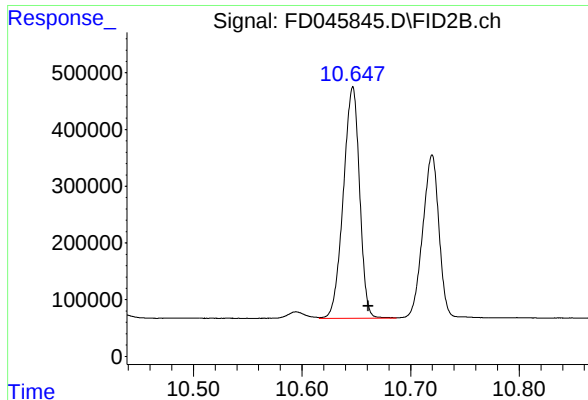
#7 Acenaphthene (C15.5)

R.T.: 8.478 min
Delta R.T.: -0.015 min
Response: 4589343
Conc: 22.70 ug/ml



#8 Fluorene (C16.55)

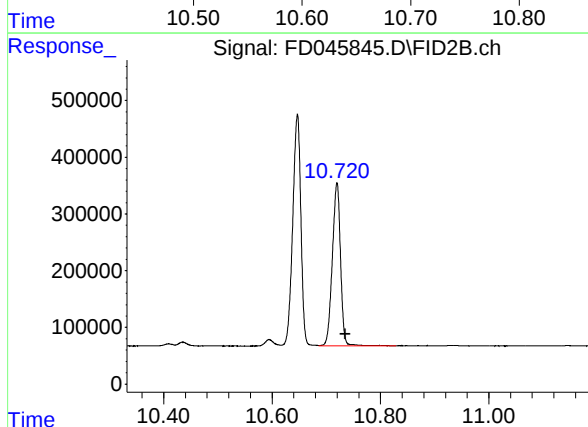
R.T.: 9.256 min
Delta R.T.: -0.014 min
Response: 4438058
Conc: 22.40 ug/ml



#9 Phenanthrene (C19.36)

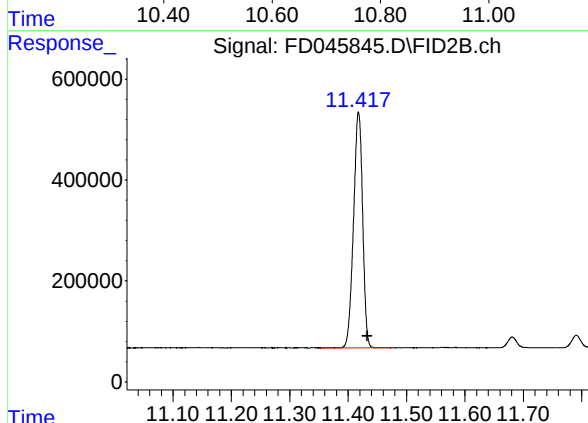
R.T.: 10.646 min
Delta R.T.: -0.015 min
Response: 4253852
Conc: 22.24 ug/ml

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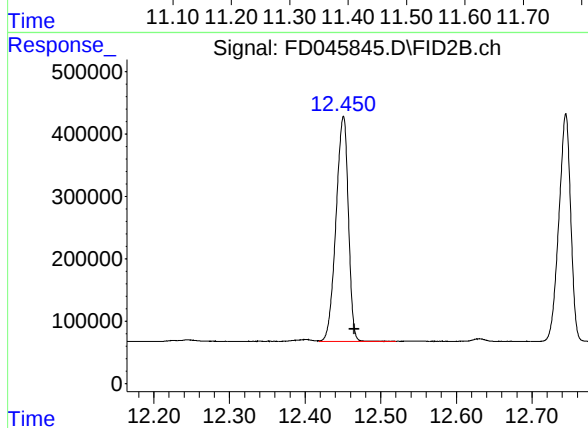
#10 Anthracene (C19.43)

R.T.: 10.720 min
Delta R.T.: -0.016 min
Response: 3024533
Conc: 17.75 ug/ml



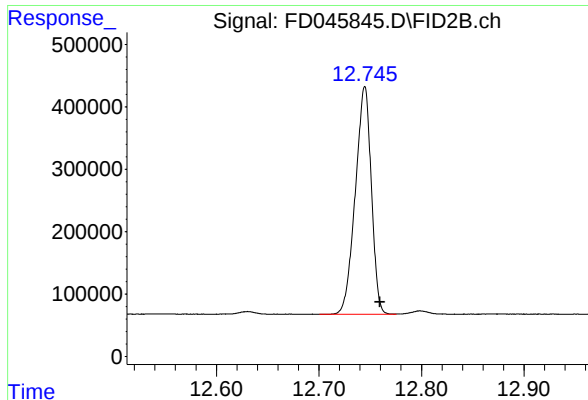
#11 ortho-Terphenyl (SURR)

R.T.: 11.418 min
Delta R.T.: -0.015 min
Response: 5077527
Conc: 22.73 ug/ml



#12 Fluoranthene (C21.85)

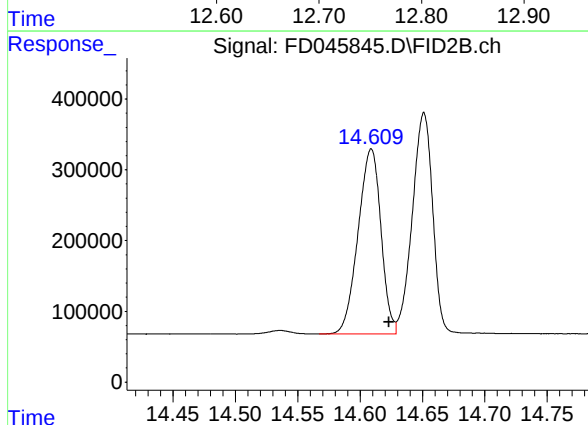
R.T.: 12.450 min
Delta R.T.: -0.015 min
Response: 4090487
Conc: 22.14 ug/ml



#13 Pyrene (C20.8)

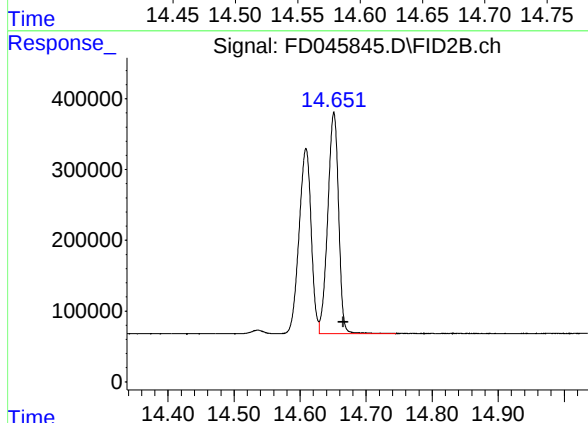
R.T.: 12.744 min
Delta R.T.: -0.015 min
Response: 3963350
Conc: 22.19 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



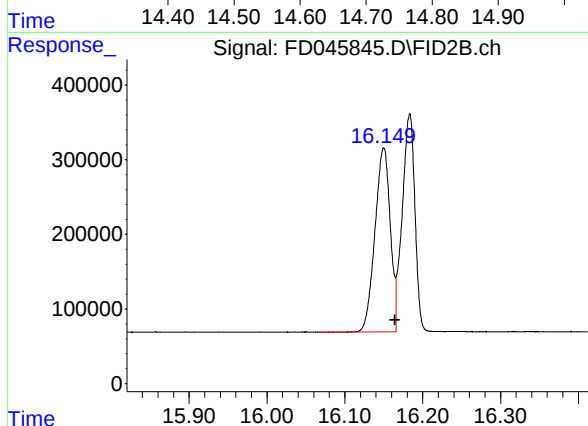
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.609 min
Delta R.T.: -0.014 min
Response: 3330935
Conc: 21.27 ug/ml



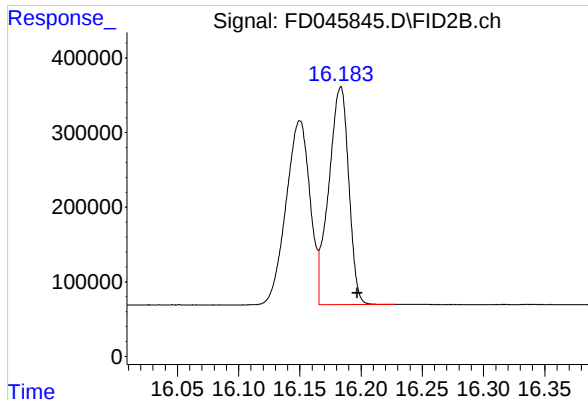
#15 Chrysene (C27.41)

R.T.: 14.651 min
Delta R.T.: -0.015 min
Response: 3571707
Conc: 21.65 ug/ml



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

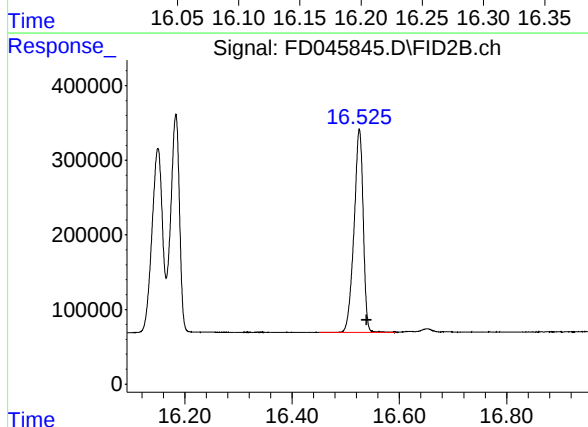
R.T.: 16.150 min
Delta R.T.: -0.015 min
Response: 3355112
Conc: 22.17 ug/ml



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

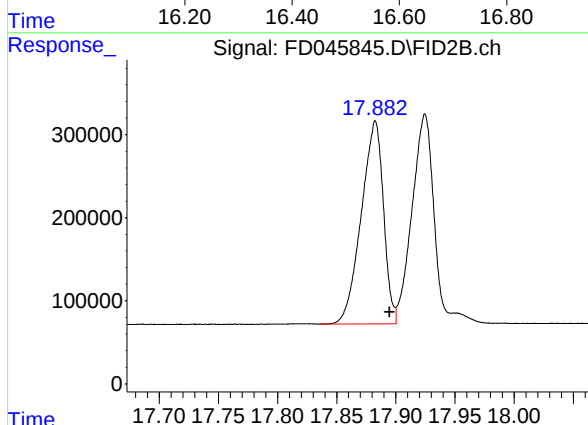
R.T.: 16.183 min
Delta R.T.: -0.014 min
Response: 3309911
Conc: 21.38 ug/ml

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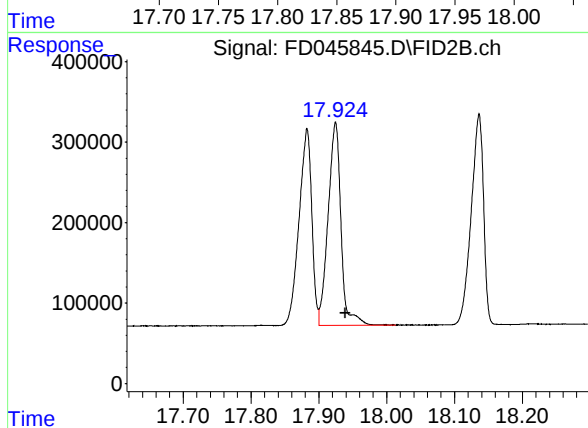
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.525 min
Delta R.T.: -0.014 min
Response: 3228941
Conc: 22.08 ug/ml



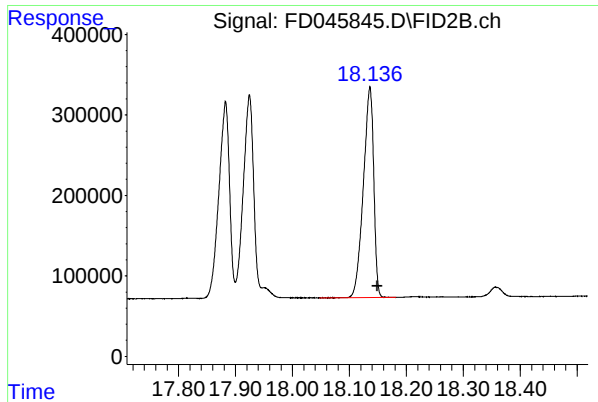
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.882 min
Delta R.T.: -0.013 min
Response: 3190307
Conc: 21.78 ug/ml



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

R.T.: 17.924 min
Delta R.T.: -0.015 min
Response: 3326764
Conc: 22.18 ug/ml



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

R.T.: 18.136 min
Delta R.T.: -0.013 min
Response: 3308885
Conc: 22.42 ug/ml

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