

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062423AR\
 Data File : FD045959.D
 Signal(s) : FID2B.ch
 Acq On : 24 Jun 2023 22:30
 Operator : YP/AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 77 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e
 Quant Time: Jun 25 04:30:10 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:30:00 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	11137532	50.595 ug/ml
Spiked Amount 50.000		Recovery =	101.19%
6) S 2-Fluorobiphenyl (SURR)	8.379	7219408	50.580 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	101.16%
11) S ortho-Terphenyl (SURR)	11.419	12933051	50.410 ug/ml
Spiked Amount 50.000		Recovery =	100.82%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.332	12778271	50.541 ug/ml
2) T Naphthalene (C11.7)	5.862	13091291	50.554 ug/ml
3) T 2-Methylnaphthalene (...)	6.912	12974910	50.509 ug/ml
5) T Acenaphthylene (C15.06)	8.183	11308252	50.839 ug/ml
7) T Acenaphthene (C15.5)	8.480	12158370	50.590 ug/ml
8) T Fluorene (C16.55)	9.258	11732709	50.605 ug/ml
9) T Phenanthrene (C19.36)	10.648	10982870	50.498 ug/ml
10) T Anthracene (C19.43)	10.722	8275788	55.311 ug/ml
12) T Fluoranthene (C21.85)	12.453	10276515	50.236 ug/ml
13) T Pyrene (C20.8)	12.748	9948491	50.454 ug/ml
14) T Benzo[a]anthracene (C...	14.613	9087618	51.005 ug/ml
15) T Chrysene (C27.41)	14.658	9545151	50.316 ug/ml
16) T benzo[b]fluoranthene ...	16.157	9529099	50.073 ug/ml
17) T Bnezo[k]fluoranthene ...	16.194	9372865	50.359 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.534	9129777	52.318 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.894	9467977	50.001 ug/ml
20) T Dibenz[a,h]anthracene...	17.937	9284533	50.453 ug/ml
21) T Benzo[g,h,i]perylene ...	18.152	9531758	50.415 ug/ml

(f)=RT Delta > 1/2 Window

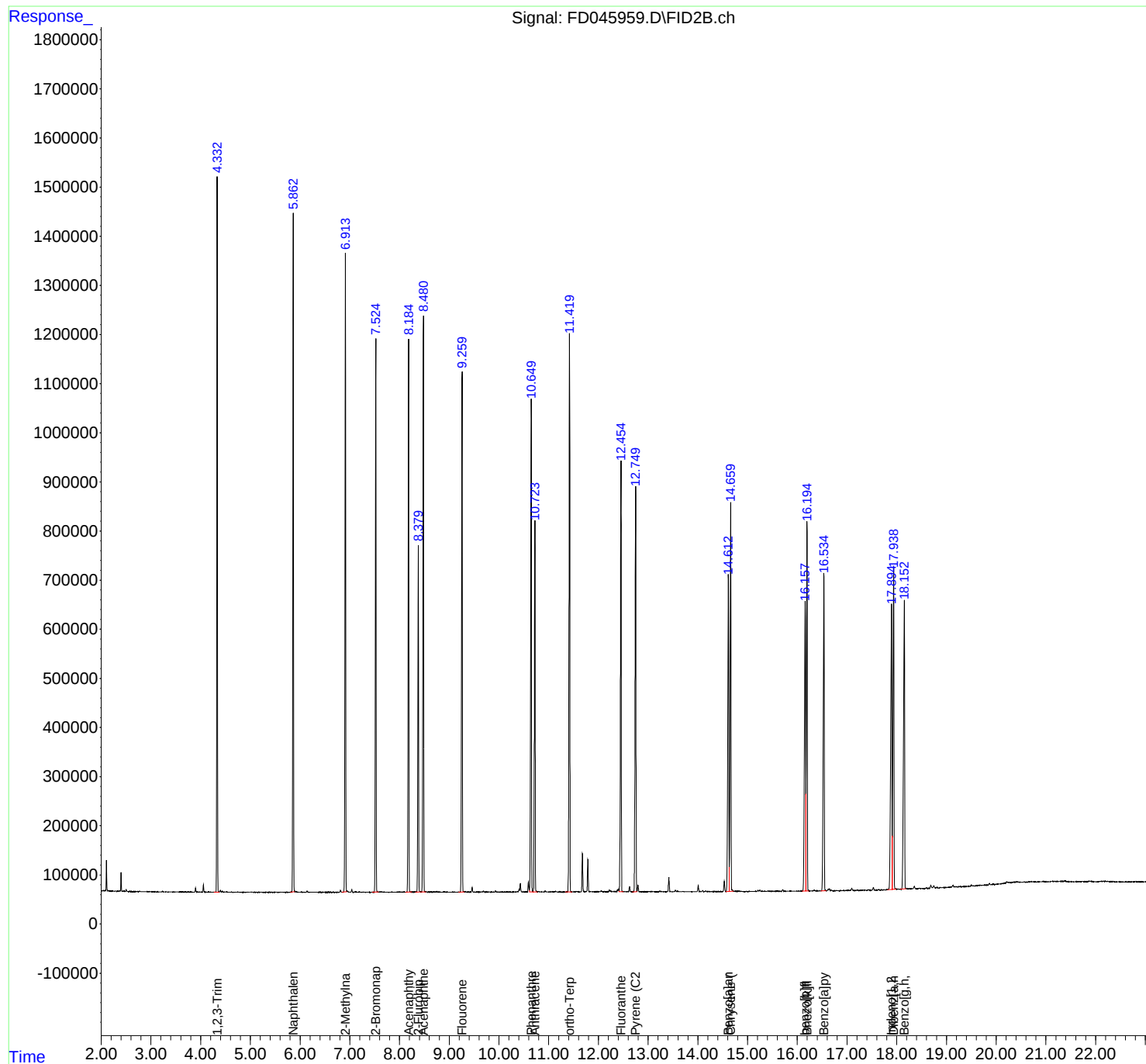
(m)=manual int.

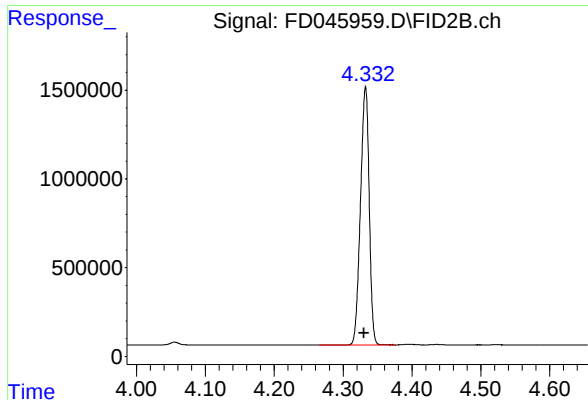
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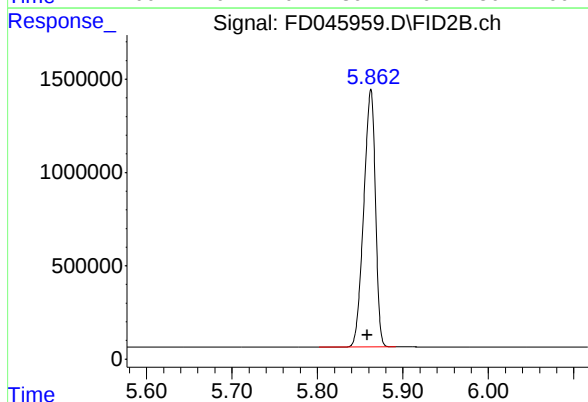




#1 1,2,3-Trimethylbenzene (C10.1)

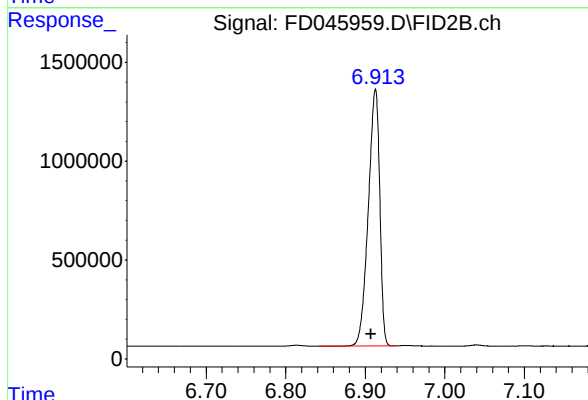
R.T.: 4.332 min
Delta R.T.: 0.002 min
Response: 12778271
Conc: 50.54 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



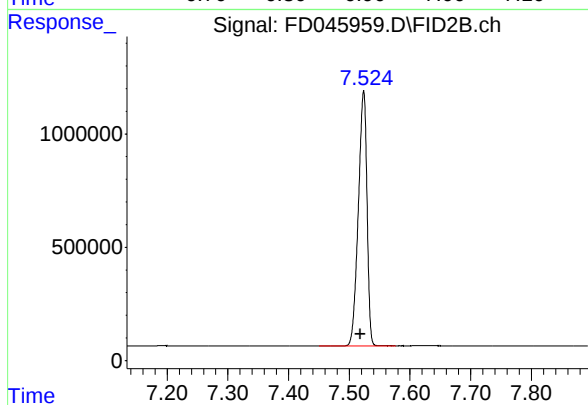
#2 Naphthalene (C11.7)

R.T.: 5.862 min
Delta R.T.: 0.004 min
Response: 13091291
Conc: 50.55 ug/ml



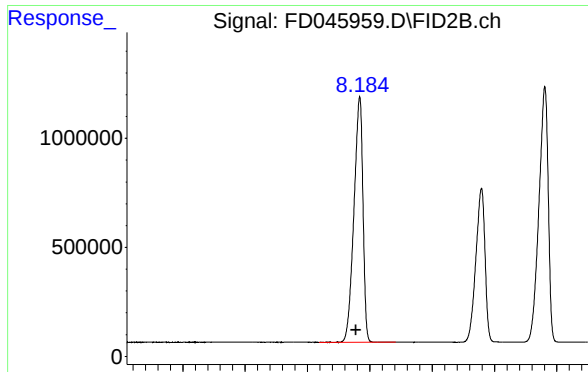
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.912 min
Delta R.T.: 0.005 min
Response: 12974910
Conc: 50.51 ug/ml



#4 2-Bromonaphthalene (SURR)

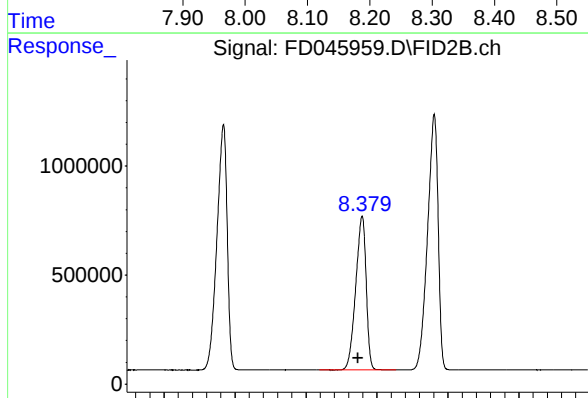
R.T.: 7.523 min
Delta R.T.: 0.005 min
Response: 11137532
Conc: 50.60 ug/ml



#5 Acenaphthylene (C15.06)

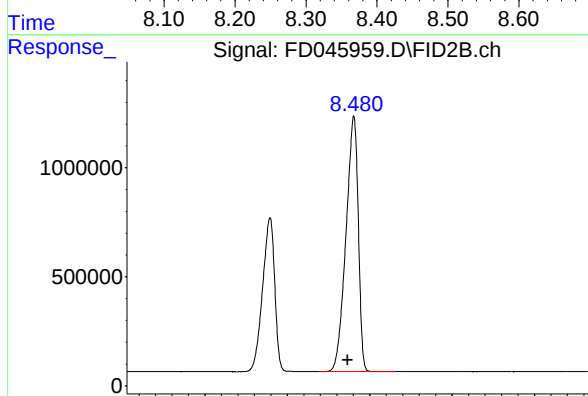
R.T.: 8.183 min
Delta R.T.: 0.006 min
Response: 11308252
Conc: 50.84 ug/ml

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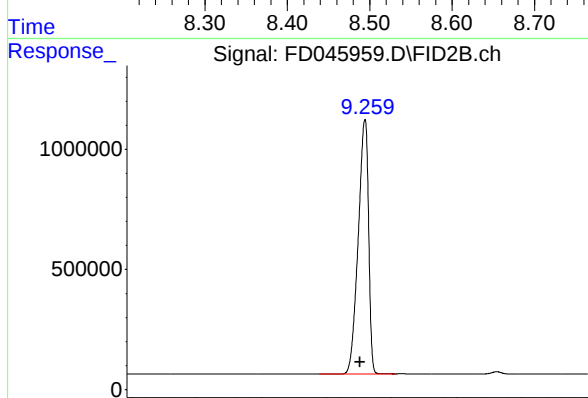
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.379 min
Delta R.T.: 0.005 min
Response: 7219408
Conc: 50.58 ug/ml



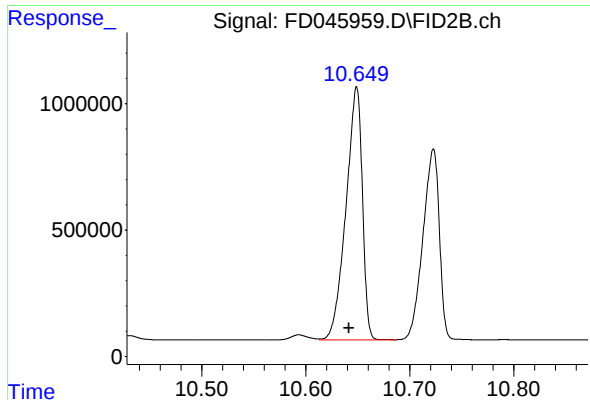
#7 Acenaphthene (C15.5)

R.T.: 8.480 min
Delta R.T.: 0.007 min
Response: 12158370
Conc: 50.59 ug/ml



#8 Fluorene (C16.55)

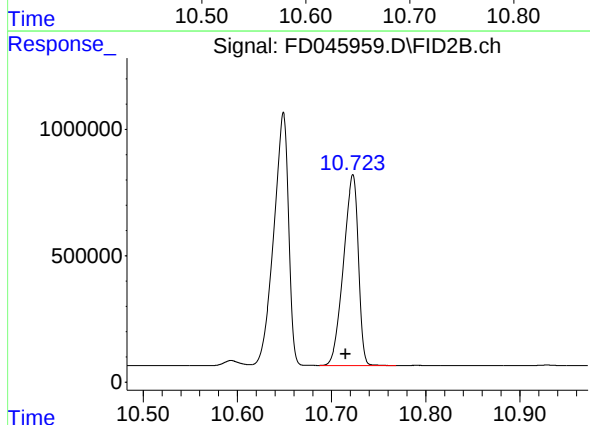
R.T.: 9.258 min
Delta R.T.: 0.007 min
Response: 11732709
Conc: 50.61 ug/ml



#9 Phenanthrene (C19.36)

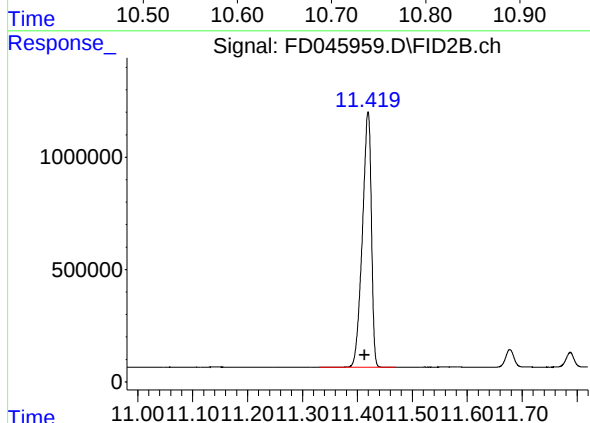
R.T.: 10.648 min
Delta R.T.: 0.007 min
Response: 10982870
Conc: 50.50 ug/ml

Instrument :
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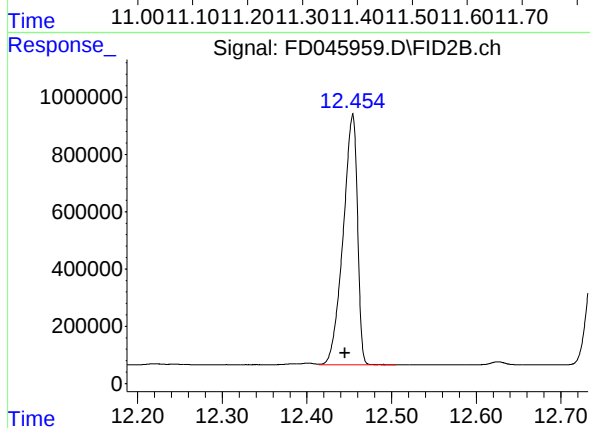
#10 Anthracene (C19.43)

R.T.: 10.722 min
Delta R.T.: 0.007 min
Response: 8275788
Conc: 55.31 ug/ml



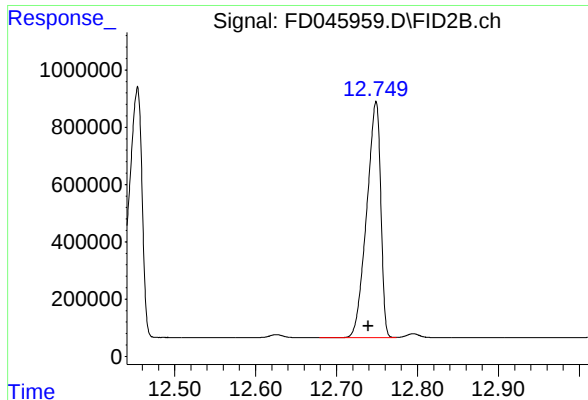
#11 ortho-Terphenyl (SURRE)

R.T.: 11.419 min
Delta R.T.: 0.006 min
Response: 12933051
Conc: 50.41 ug/ml



#12 Fluoranthene (C21.85)

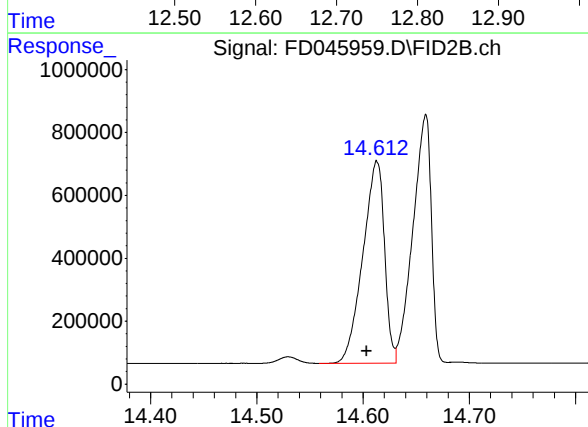
R.T.: 12.453 min
Delta R.T.: 0.008 min
Response: 10276515
Conc: 50.24 ug/ml



#13 Pyrene (C20.8)

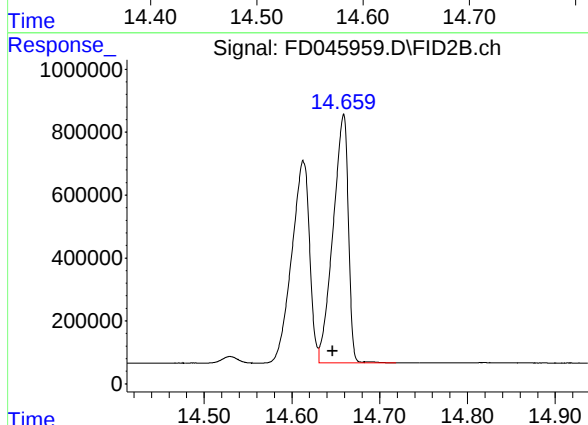
R.T.: 12.748 min
Delta R.T.: 0.009 min
Response: 9948491
Conc: 50.45 ug/ml

Instrument :
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50 PPM AROMATIC HC STD2



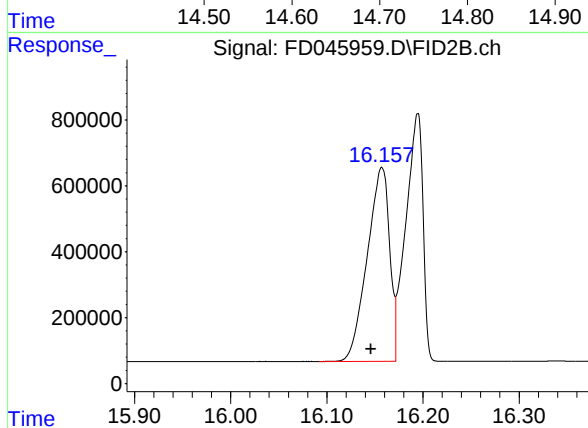
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.613 min
Delta R.T.: 0.009 min
Response: 9087618
Conc: 51.01 ug/ml



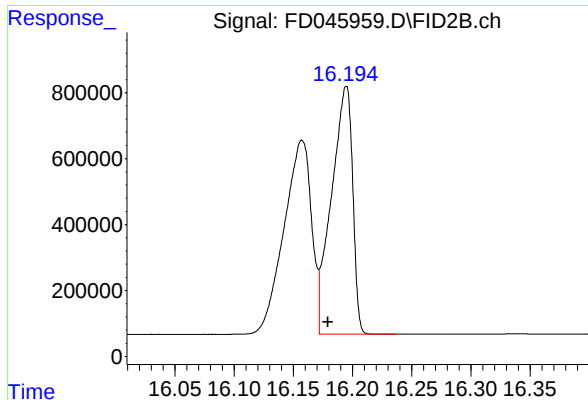
#15 Chrysene (C27.41)

R.T.: 14.658 min
Delta R.T.: 0.012 min
Response: 9545151
Conc: 50.32 ug/ml



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

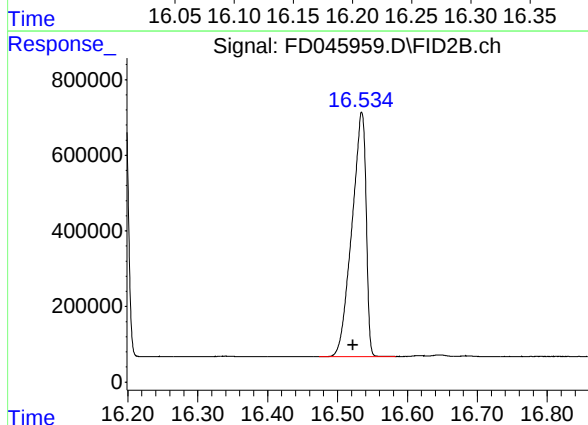
R.T.: 16.157 min
Delta R.T.: 0.011 min
Response: 9529099
Conc: 50.07 ug/ml



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

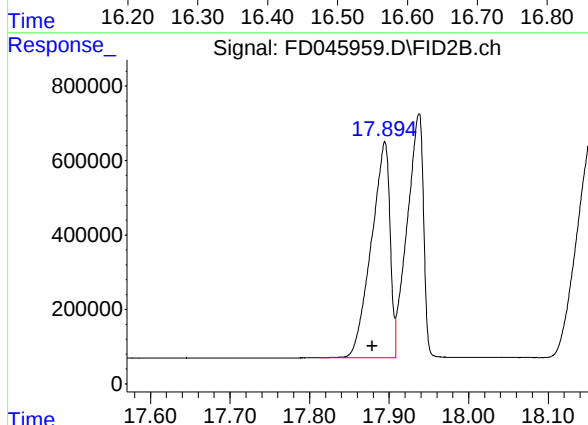
R.T.: 16.194 min
Delta R.T.: 0.015 min
Response: 9372865
Conc: 50.36 ug/ml

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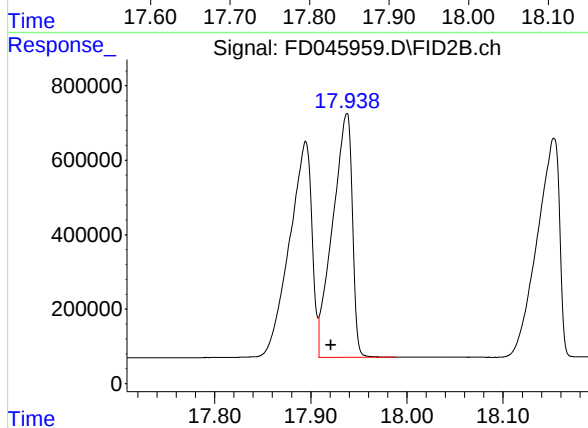
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.534 min
Delta R.T.: 0.012 min
Response: 9129777
Conc: 52.32 ug/ml



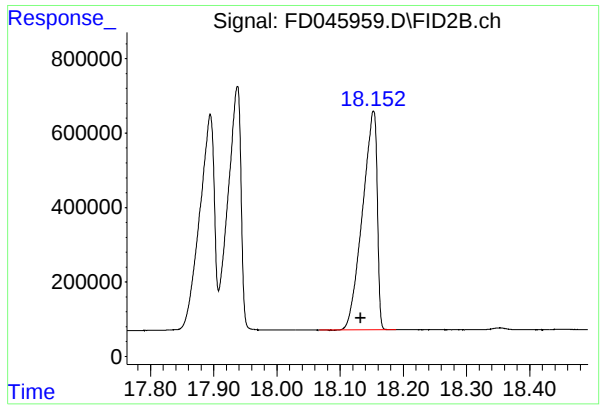
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.894 min
Delta R.T.: 0.015 min
Response: 9467977
Conc: 50.00 ug/ml



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

R.T.: 17.937 min
Delta R.T.: 0.015 min
Response: 9284533
Conc: 50.45 ug/ml



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

R.T.: 18.152 min
Delta R.T.: 0.020 min
Response: 9531758
Conc: 50.42 ug/ml

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