

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062323AR\
 Data File : FD045949.D
 Signal(s) : FID2B.ch
 Acq On : 24 Jun 2023 14:57
 Operator : YP/AJ
 Sample : 03327-09MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 EPH-TW-02MSD

Integration File: autoint1.e
 Quant Time: Jun 25 05:35:30 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...	7.522	8793943	48.777 ug/ml
Spiked Amount 50.000		Recovery =	97.55%
6) S 2-Fluorobiphenyl (SURR)	8.377	5290009	44.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	88.00%
11) S ortho-Terphenyl (SURR)	11.417	8569238	38.364 ug/ml
Spiked Amount 50.000		Recovery =	76.73%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.332	7484283	37.073 ug/ml
2) T Naphthalene (C11.7)	5.860	8447547	39.867 ug/ml
3) T 2-Methylnaphthalene (...)	6.910	8518390	40.333 ug/ml
5) T Acenaphthylene (C15.06)	8.182	9227446	48.703 ug/ml
7) T Acenaphthene (C15.5)	8.479	9656728	47.763 ug/ml
8) T Fluorene (C16.55)	9.258	9567203	48.286 ug/ml
9) T Phenanthrene (C19.36)	10.649	10013640	52.342 ug/ml
10) T Anthracene (C19.43)	10.725	9523472	55.906 ug/ml
12) T Fluoranthene (C21.85)	12.455	9922862	53.710 ug/ml
13) T Pyrene (C20.8)	12.750	9735629	54.511 ug/ml
14) T Benzo[a]anthracene (C...	14.615	8828802	56.390 ug/ml
15) T Chrysene (C27.41)	14.660	8728992	52.909 ug/ml
16) T benzo[b]fluoranthene ...	16.159	8911600	58.882 ug/ml
17) T Bnezo[k]fluoranthene ...	16.195	8429521	54.447 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.535	7989922	54.636 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.895	8156942	55.692 ug/ml
20) T Dibenz[a,h]anthracene...	17.936	8147688	54.311 ug/ml
21) T Benzo[g,h,i]perylene ...	18.152	8232950	55.796 ug/ml

(f)=RT Delta > 1/2 Window

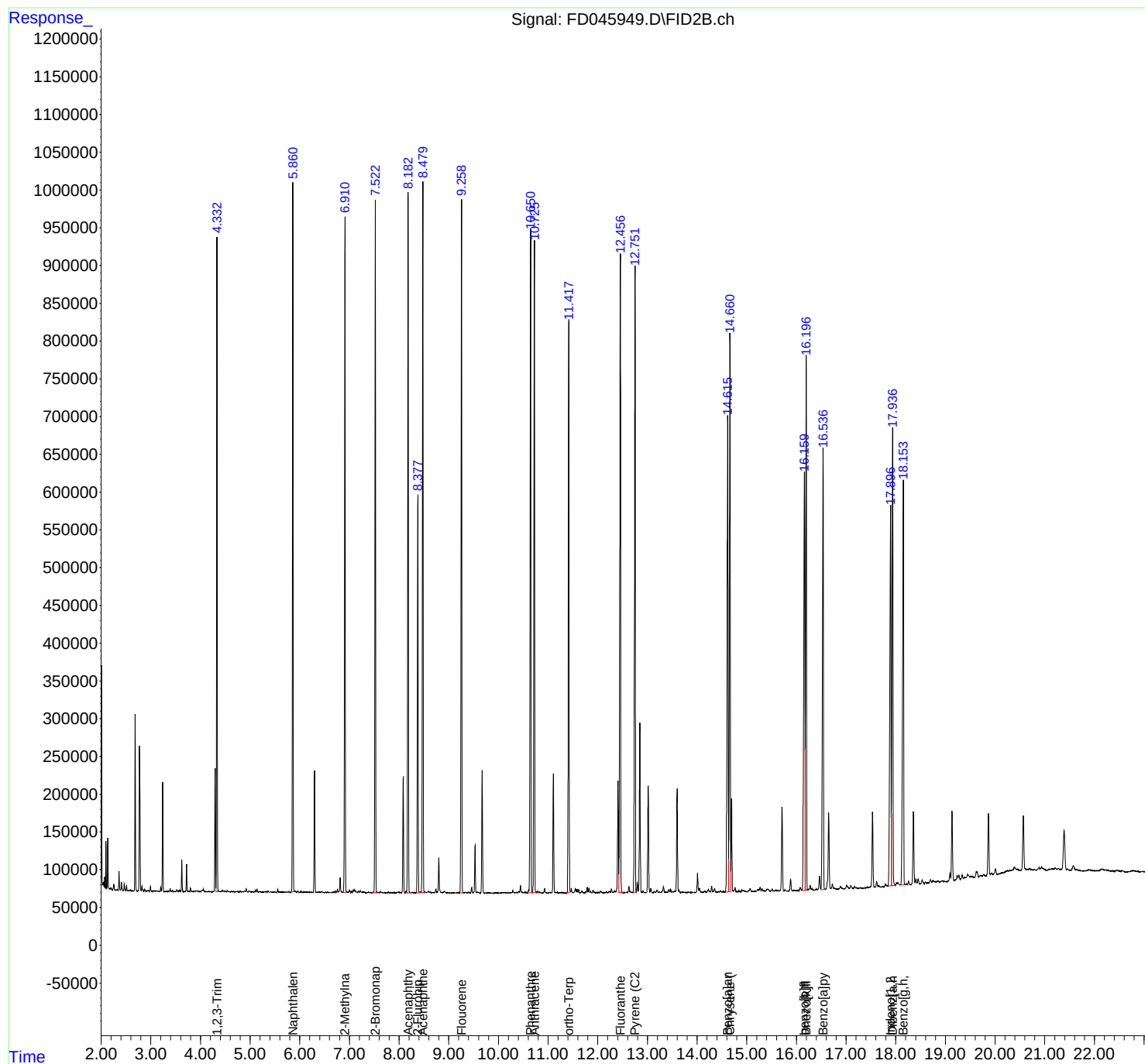
(m)=manual int.

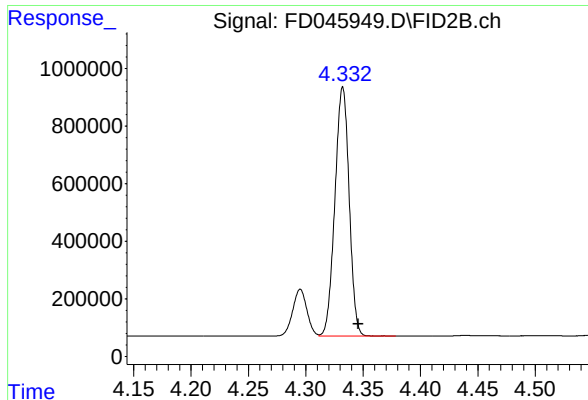
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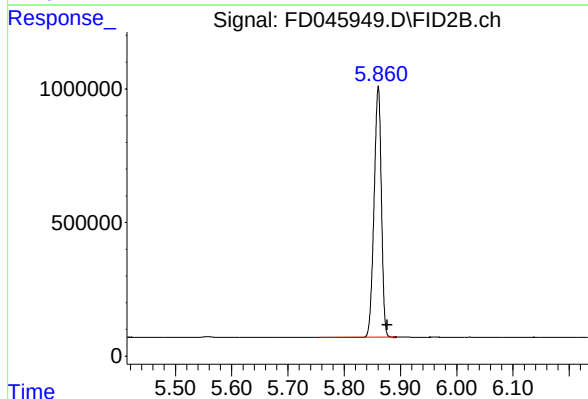




#1 1,2,3-Trimethylbenzene (C10.1)

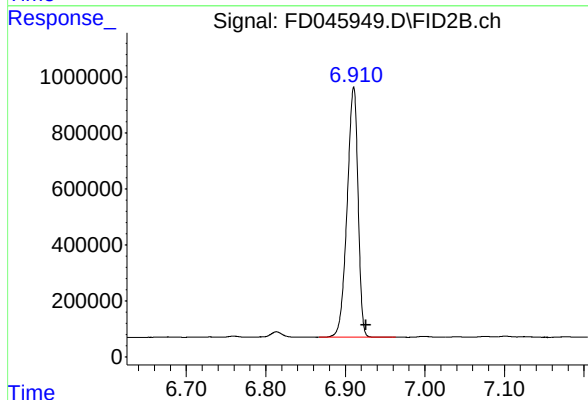
R.T.: 4.332 min
Delta R.T.: -0.014 min
Response: 7484283
Conc: 37.07 ug/ml

Instrument :
FID_D
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EPH-TW-02MSD



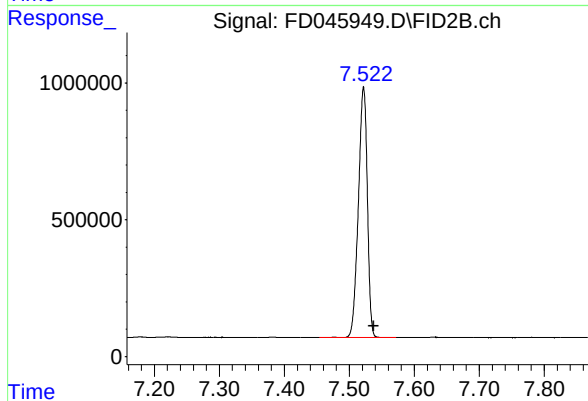
#2 Naphthalene (C11.7)

R.T.: 5.860 min
Delta R.T.: -0.016 min
Response: 8447547
Conc: 39.87 ug/ml



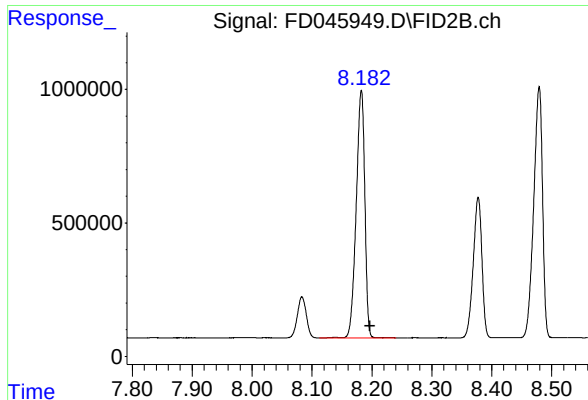
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.910 min
Delta R.T.: -0.016 min
Response: 8518390
Conc: 40.33 ug/ml



#4 2-Bromonaphthalene (SURR)

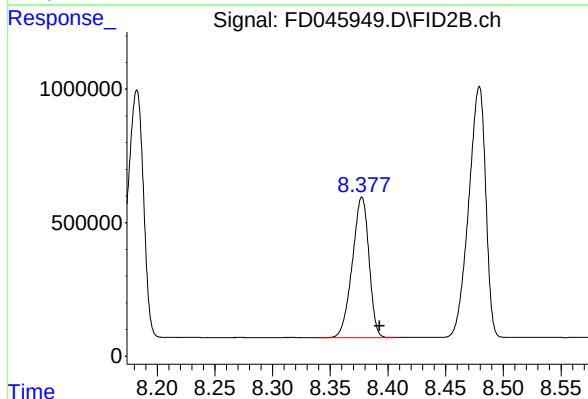
R.T.: 7.522 min
Delta R.T.: -0.016 min
Response: 8793943
Conc: 48.78 ug/ml



#5 Acenaphthylene (C15.06)

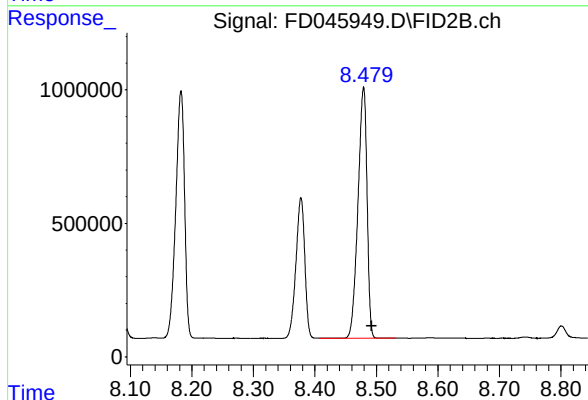
R.T.: 8.182 min
Delta R.T.: -0.015 min
Response: 9227446
Conc: 48.70 ug/ml

Instrument :
FID_D
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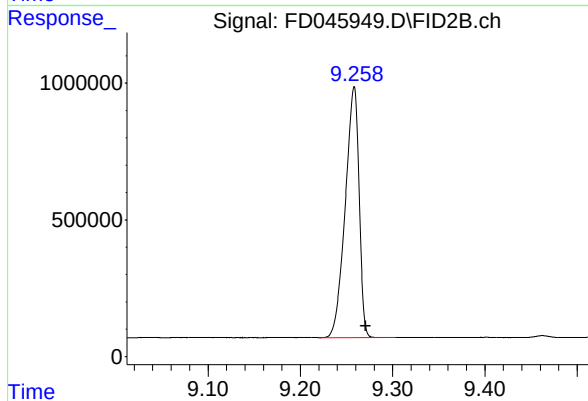
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.377 min
Delta R.T.: -0.015 min
Response: 5290009
Conc: 44.00 ug/ml



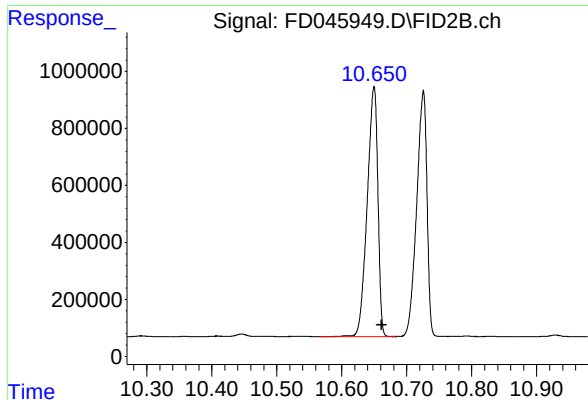
#7 Acenaphthene (C15.5)

R.T.: 8.479 min
Delta R.T.: -0.014 min
Response: 9656728
Conc: 47.76 ug/ml



#8 Flouorene (C16.55)

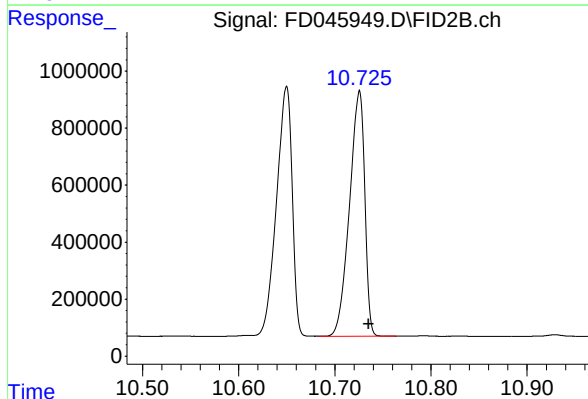
R.T.: 9.258 min
Delta R.T.: -0.013 min
Response: 9567203
Conc: 48.29 ug/ml



#9 Phenanthrene (C19.36)

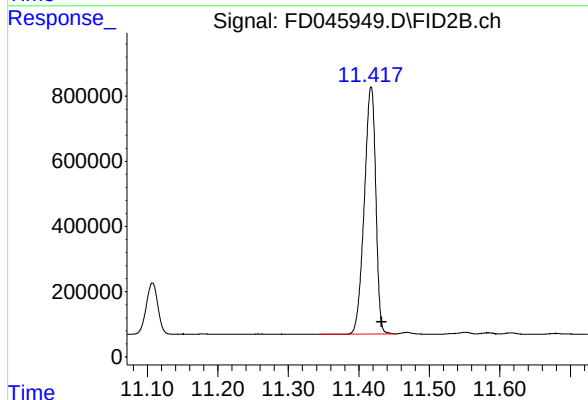
R.T.: 10.649 min
Delta R.T.: -0.012 min
Response: 10013640
Conc: 52.34 ug/ml

Instrument :
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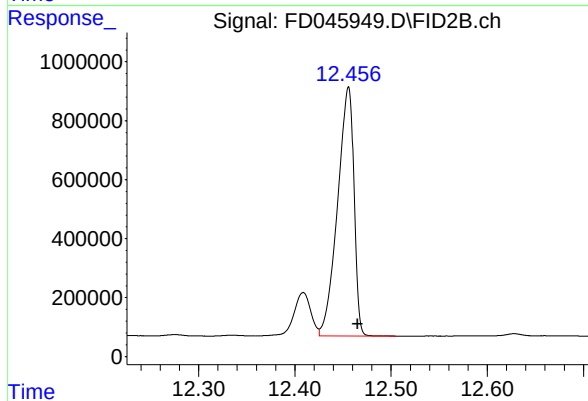
#10 Anthracene (C19.43)

R.T.: 10.725 min
Delta R.T.: -0.010 min
Response: 9523472
Conc: 55.91 ug/ml



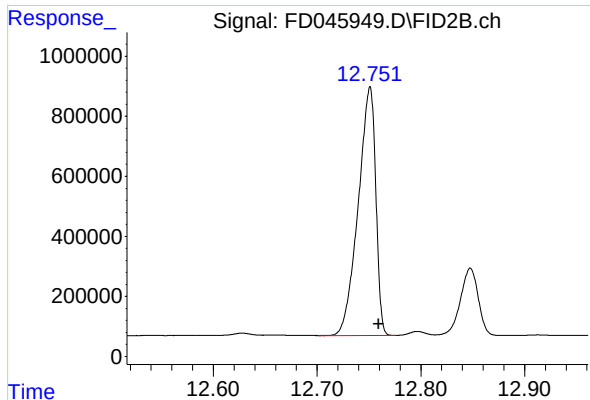
#11 ortho-Terphenyl (SURR)

R.T.: 11.417 min
Delta R.T.: -0.015 min
Response: 8569238
Conc: 38.36 ug/ml



#12 Fluoranthene (C21.85)

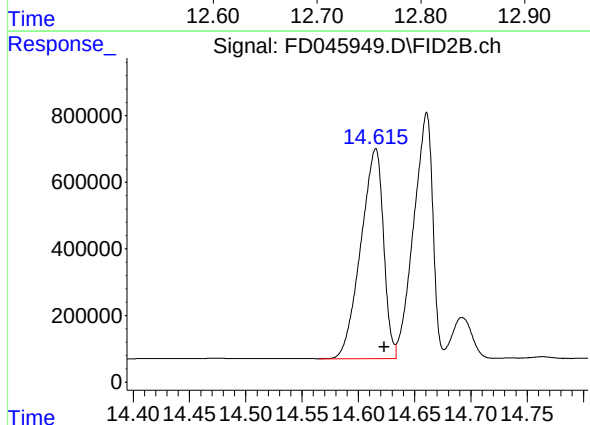
R.T.: 12.455 min
Delta R.T.: -0.010 min
Response: 9922862
Conc: 53.71 ug/ml



#13 Pyrene (C20.8)

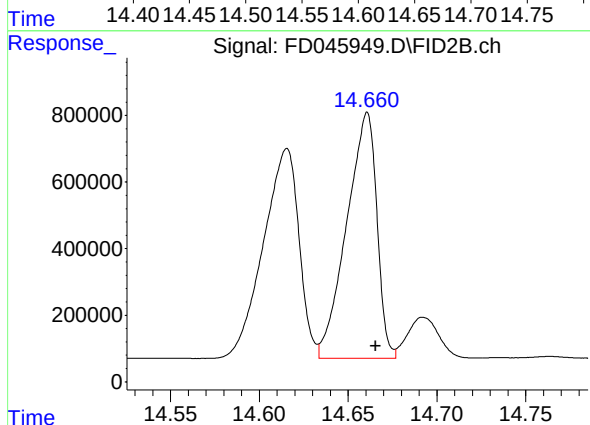
R.T.: 12.750 min
Delta R.T.: -0.009 min
Response: 9735629
Conc: 54.51 ug/ml

Instrument :
FID_D
ClientSampleId :
EPH-TW-02MSD



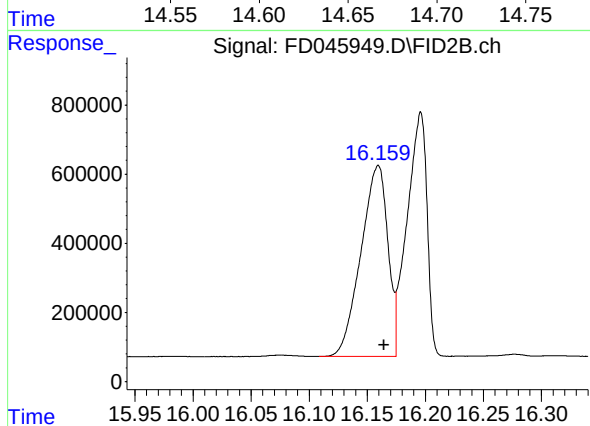
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.615 min
Delta R.T.: -0.008 min
Response: 8828802
Conc: 56.39 ug/ml



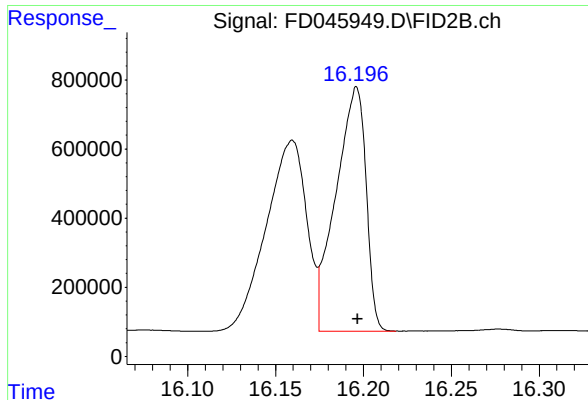
#15 Chrysene (C27.41)

R.T.: 14.660 min
Delta R.T.: -0.006 min
Response: 8728992
Conc: 52.91 ug/ml



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

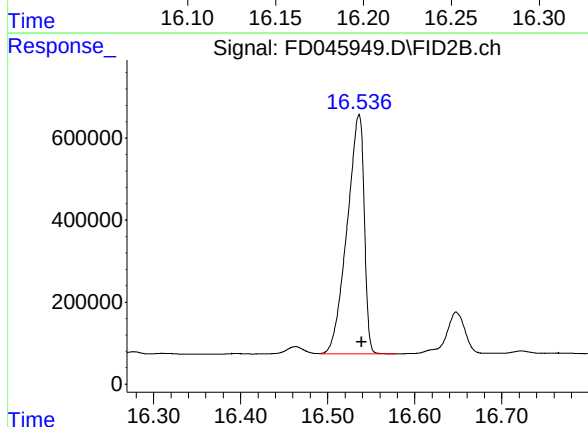
R.T.: 16.159 min
Delta R.T.: -0.005 min
Response: 8911600
Conc: 58.88 ug/ml



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

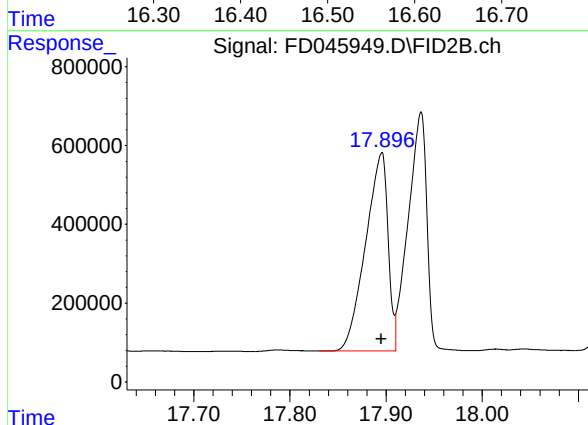
R.T.: 16.195 min
Delta R.T.: -0.001 min
Response: 8429521
Conc: 54.45 ug/ml

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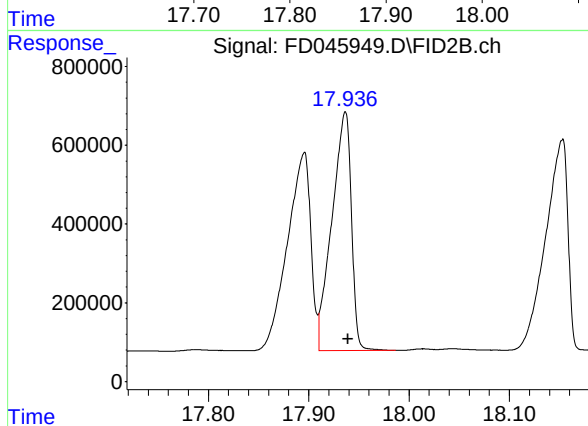
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.535 min
Delta R.T.: -0.004 min
Response: 7989922
Conc: 54.64 ug/ml



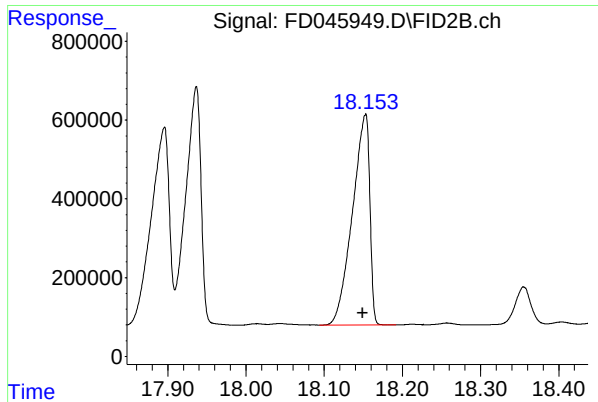
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.895 min
Delta R.T.: 0.000 min
Response: 8156942
Conc: 55.69 ug/ml



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

R.T.: 17.936 min
Delta R.T.: -0.003 min
Response: 8147688
Conc: 54.31 ug/ml



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

R.T.: 18.152 min
Delta R.T.: 0.003 min
Response: 8232950
Conc: 55.80 ug/ml

Instrument :
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