

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080723AR\
 Data File : FD046288.D
 Signal(s) : FID2B.ch
 Acq On : 07 Aug 2023 18:42
 Operator : YP/AJ
 Sample : 03572-08
 Misc : LOQ 5 PPM
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOQ-WATER-02-QT3-2023

Integration File: autoint1.e
 Quant Time: Aug 08 04:55:08 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 071923.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 20 03:07:14 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...	7.501	5282793	35.341 ug/ml
Spiked Amount 50.000		Recovery =	70.68%
6) S 2-Fluorobiphenyl (SURR)	8.354	3313286	35.394 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	70.79%
11) S ortho-Terphenyl (SURR)	11.395	7534057	43.141 ug/ml
Spiked Amount 50.000		Recovery =	86.28%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.312	768871	4.220 ug/ml
2) T Naphthalene (C11.7)	5.840	752902	4.169 ug/ml
3) T 2-Methylnaphthalene (...)	6.887	720355	4.093 ug/ml
5) T Acenaphthylene (C15.06)	8.157	625505	4.100 ug/ml
7) T Acenaphthene (C15.5)	8.451	681667	4.180 ug/ml
8) T Flouorene (C16.55)	9.230	609950	4.009 ug/ml
9) T Phenanthrene (C19.36)	10.618	591179	4.106 ug/ml
10) T Anthracene (C19.43)	10.693	524884	4.011 ug/ml
12) T Fluoranthene (C21.85)	12.421	595082	4.259 ug/ml
13) T Pyrene (C20.8)	12.715	598601	4.319 ug/ml
14) T Benzo[a]anthracene (C...	14.578	503252	3.834 ug/ml
15) T Chrysene (C27.41)	14.619	681202	4.831 ug/ml
16) T benzo[b]fluoranthene ...	16.118	509386	3.725 ug/ml
17) T Bnezo[k]fluoranthene ...	16.149	532781	3.887 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.494	462602	3.553 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.851	339418	2.822 ug/ml
20) T Dibenz[a,h]anthracene...	17.893	382613	2.992 ug/ml
21) T Benzo[g,h,i]perylene ...	18.100	399568	3.149 ug/ml

(f)=RT Delta > 1/2 Window

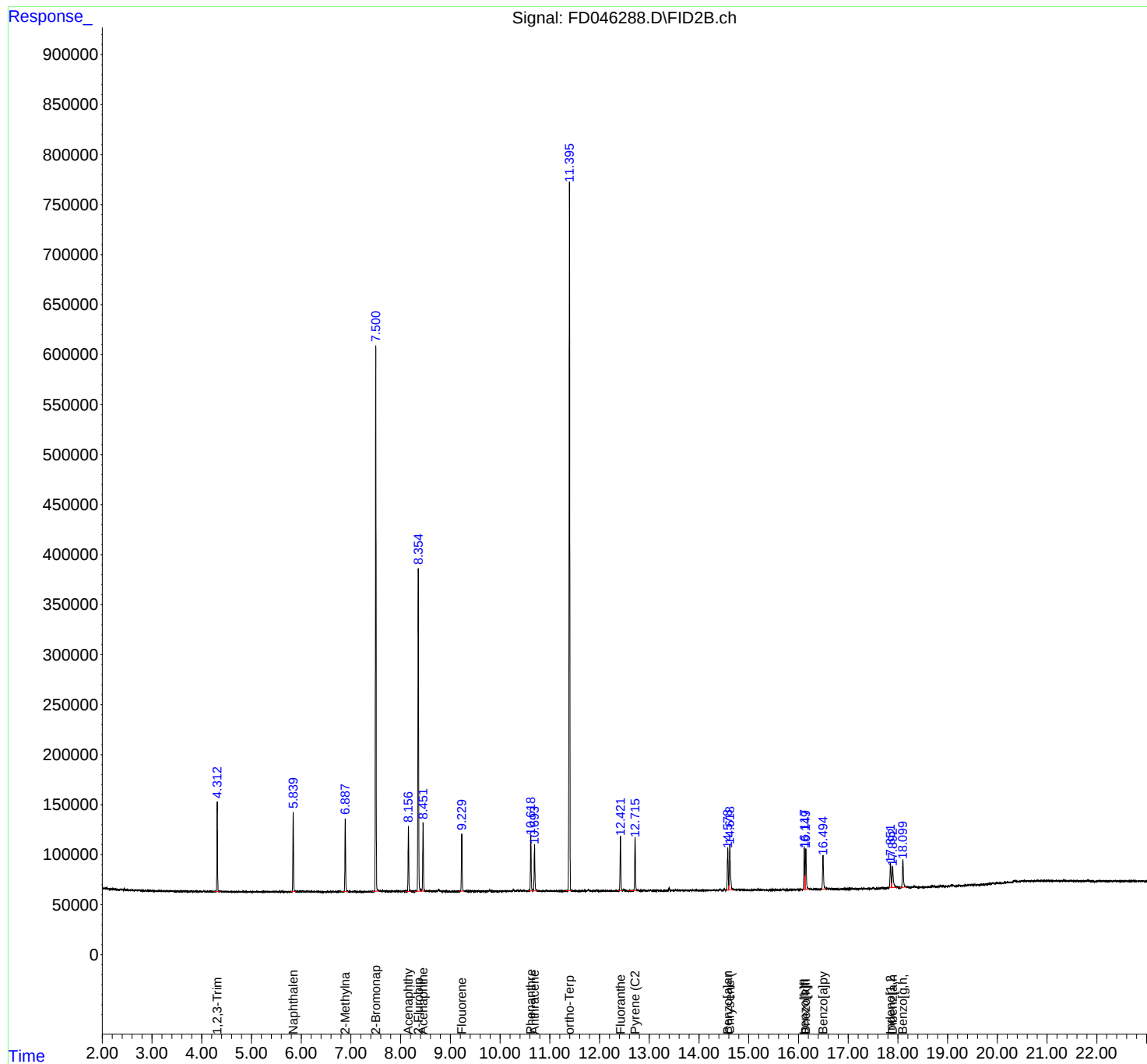
(m)=manual int.

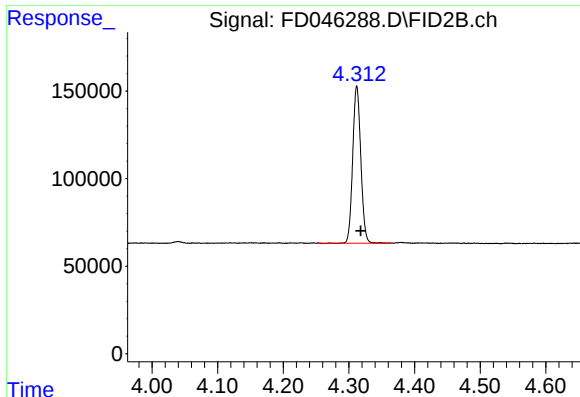
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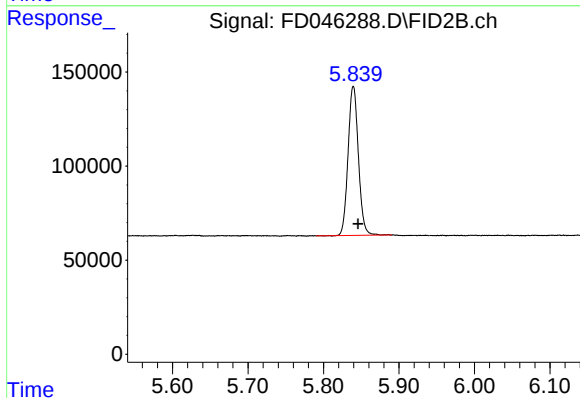




#1 1,2,3-Trimethylbenzene (C10.1)

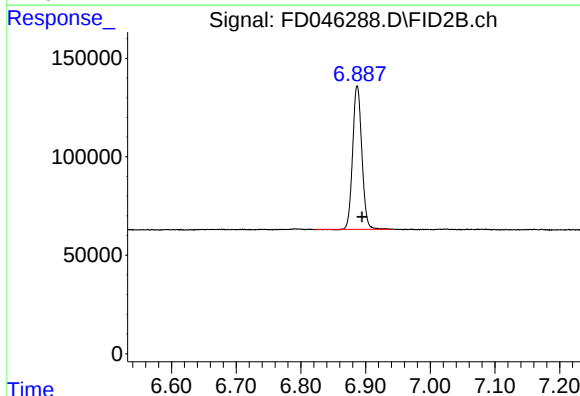
R.T.: 4.312 min
Delta R.T.: -0.006 min
Response: 768871
Conc: 4.22 ug/ml

Instrument :
FID_D
ClientSampleId :
LOQ-WATER-02-QT3-2023



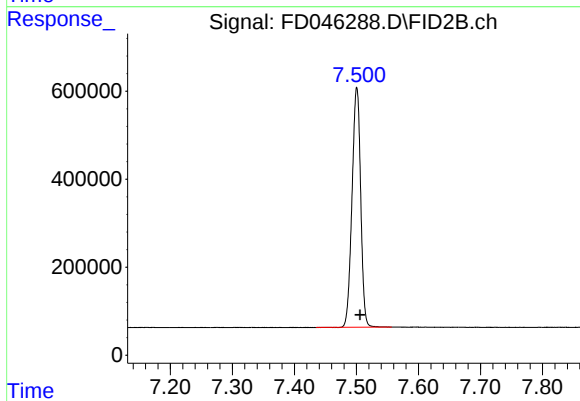
#2 Naphthalene (C11.7)

R.T.: 5.840 min
Delta R.T.: -0.006 min
Response: 752902
Conc: 4.17 ug/ml



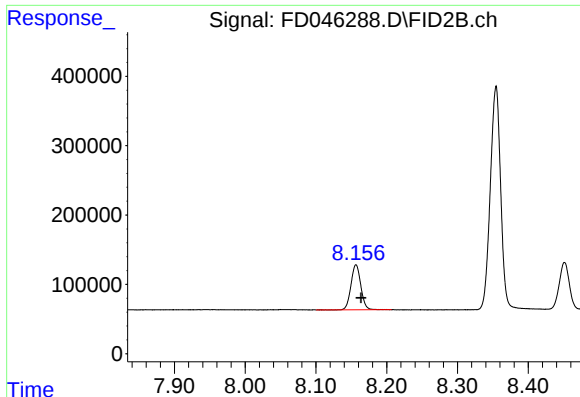
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.887 min
Delta R.T.: -0.007 min
Response: 720355
Conc: 4.09 ug/ml



#4 2-Bromonaphthalene (SURR)

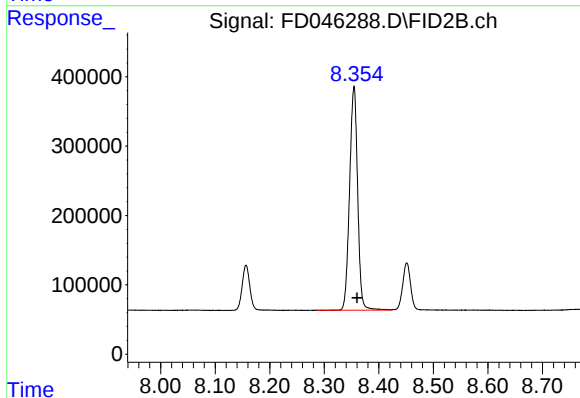
R.T.: 7.501 min
Delta R.T.: -0.005 min
Response: 5282793
Conc: 35.34 ug/ml



#5 Acenaphthylene (C15.06)

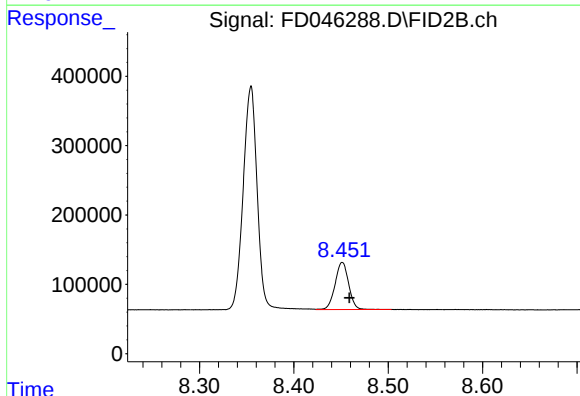
R.T.: 8.157 min
Delta R.T.: -0.007 min
Response: 625505
Conc: 4.10 ug/ml

Instrument :
FID_D
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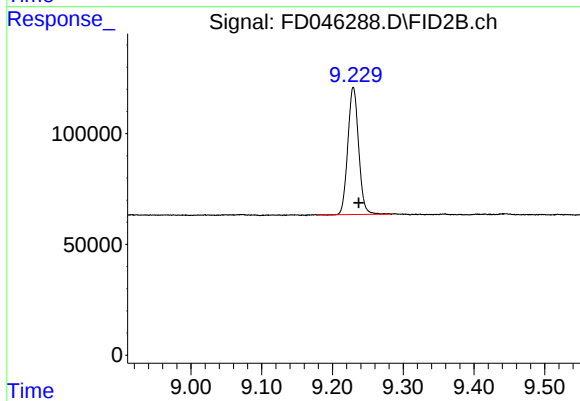
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.354 min
Delta R.T.: -0.006 min
Response: 3313286
Conc: 35.39 ug/ml



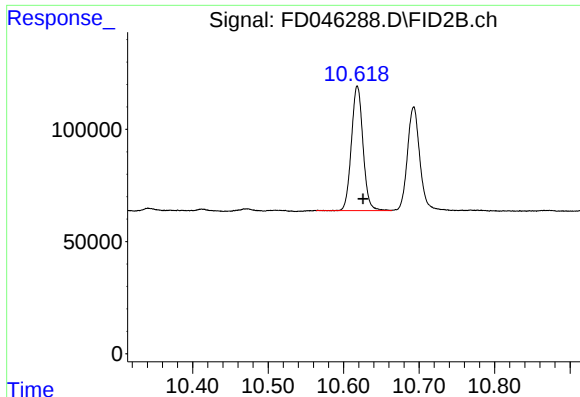
#7 Acenaphthene (C15.5)

R.T.: 8.451 min
Delta R.T.: -0.007 min
Response: 681667
Conc: 4.18 ug/ml



#8 Fluorene (C16.55)

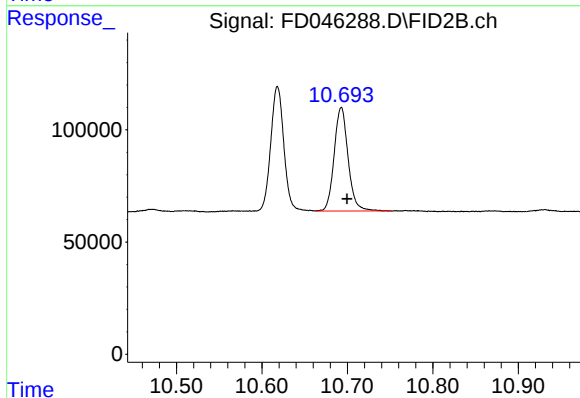
R.T.: 9.230 min
Delta R.T.: -0.007 min
Response: 609950
Conc: 4.01 ug/ml



#9 Phenanthrene (C19.36)

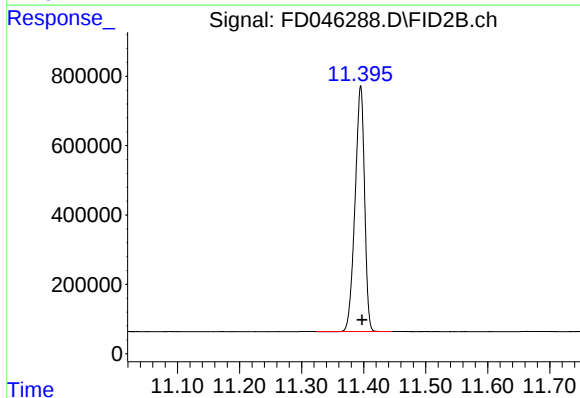
R.T.: 10.618 min
Delta R.T.: -0.008 min
Response: 591179
Conc: 4.11 ug/ml

Instrument :
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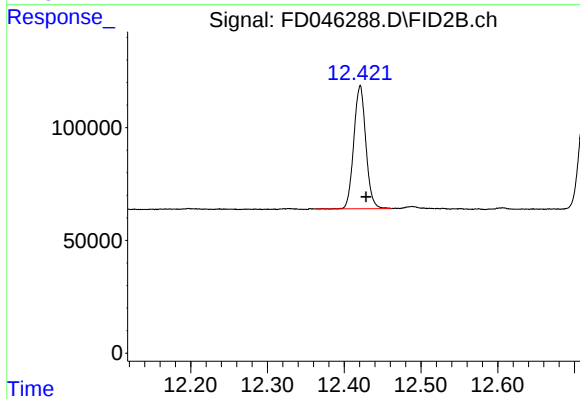
#10 Anthracene (C19.43)

R.T.: 10.693 min
Delta R.T.: -0.007 min
Response: 524884
Conc: 4.01 ug/ml



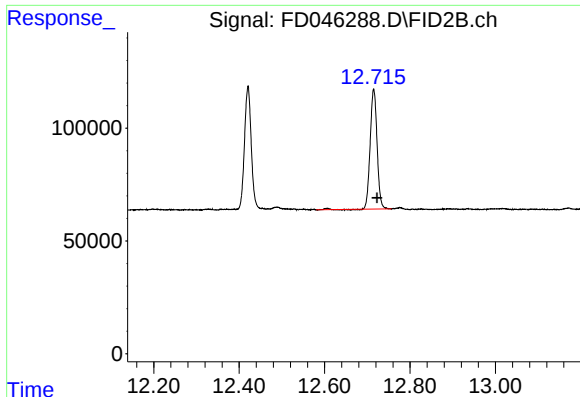
#11 ortho-Terphenyl (SURR)

R.T.: 11.395 min
Delta R.T.: -0.003 min
Response: 7534057
Conc: 43.14 ug/ml



#12 Fluoranthene (C21.85)

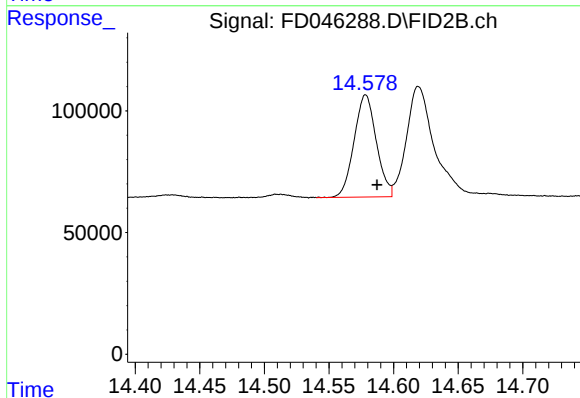
R.T.: 12.421 min
Delta R.T.: -0.008 min
Response: 595082
Conc: 4.26 ug/ml



#13 Pyrene (C20.8)

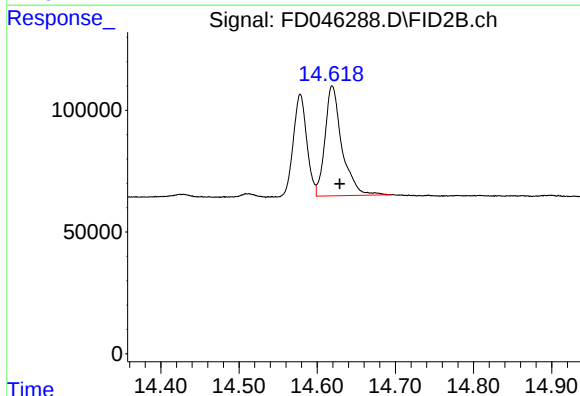
R.T.: 12.715 min
Delta R.T.: -0.007 min
Response: 598601
Conc: 4.32 ug/ml

Instrument :
FID_D
ClientSampleId :
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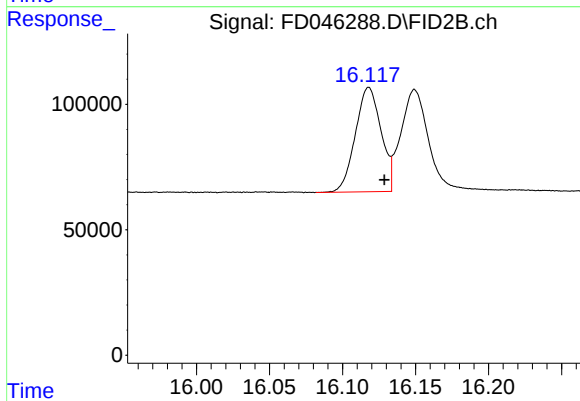
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.578 min
Delta R.T.: -0.009 min
Response: 503252
Conc: 3.83 ug/ml



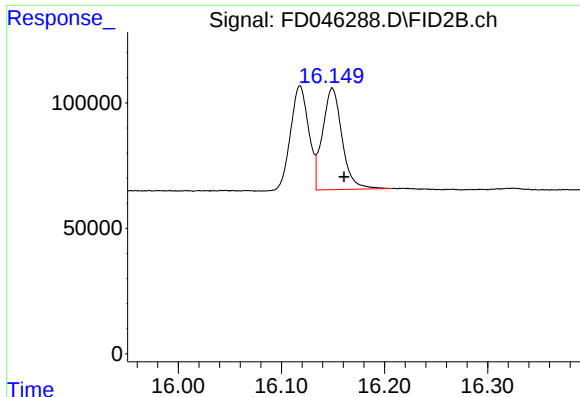
#15 Chrysene (C27.41)

R.T.: 14.619 min
Delta R.T.: -0.009 min
Response: 681202
Conc: 4.83 ug/ml



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

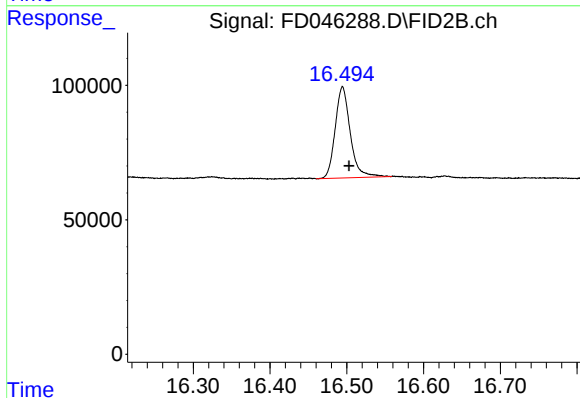
R.T.: 16.118 min
Delta R.T.: -0.011 min
Response: 509386
Conc: 3.72 ug/ml



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

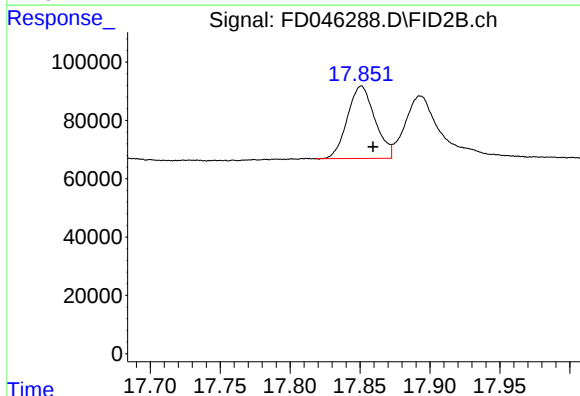
R.T.: 16.149 min
Delta R.T.: -0.011 min
Response: 532781
Conc: 3.89 ug/ml

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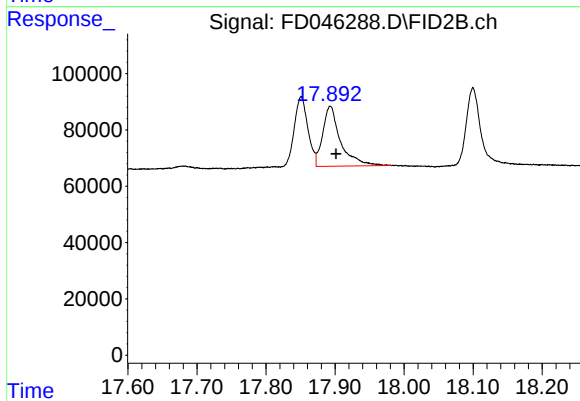
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.494 min
Delta R.T.: -0.009 min
Response: 462602
Conc: 3.55 ug/ml



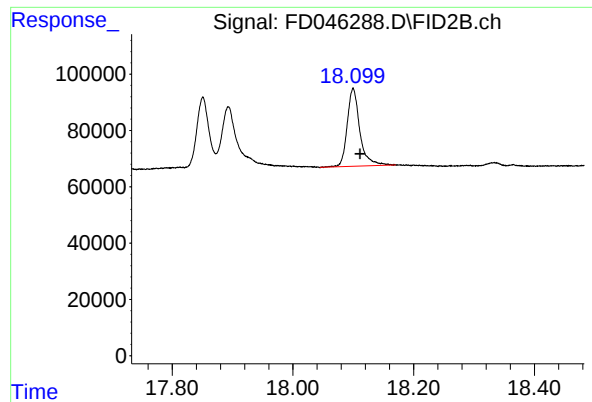
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.851 min
Delta R.T.: -0.009 min
Response: 339418
Conc: 2.82 ug/ml



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

R.T.: 17.893 min
Delta R.T.: -0.008 min
Response: 382613
Conc: 2.99 ug/ml



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

R.T.: 18.100 min
Delta R.T.: -0.011 min
Response: 399568
Conc: 3.15 ug/ml

Instrument :
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