

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081623AR\
 Data File : FD046341.D
 Signal(s) : FID2B.ch
 Acq On : 16 Aug 2023 22:01
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 16 23:48:04 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...	7.499	2925659	19.572 ug/ml
Spiked Amount 50.000		Recovery =	39.14%
6) S 2-Fluorobiphenyl (SURR)	8.353	1924603	20.559 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.12%
11) S ortho-Terphenyl (SURR)	11.390	3628132	20.775 ug/ml
Spiked Amount 50.000		Recovery =	41.55%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.313	3281216	18.009 ug/ml
2) T Naphthalene (C11.7)	5.840	3422026	18.947 ug/ml
3) T 2-Methylnaphthalene (...)	6.888	3418069	19.421 ug/ml
5) T Acenaphthylene (C15.06)	8.157	3062513	20.072 ug/ml
7) T Acenaphthene (C15.5)	8.452	3257957	19.980 ug/ml
8) T Fluorene (C16.55)	9.230	3185136	20.933 ug/ml
9) T Phenanthrene (C19.36)	10.619	3122472	21.684 ug/ml
10) T Anthracene (C19.43)	10.694	2827151	21.603 ug/ml
12) T Fluoranthene (C21.85)	12.423	3031129	21.692 ug/ml
13) T Pyrene (C20.8)	12.717	2898156	20.911 ug/ml
14) T Benzo[a]anthracene (C...	14.581	2564138	19.535 ug/ml
15) T Chrysene (C27.41)	14.623	2650563	18.798 ug/ml
16) T benzo[b]fluoranthene ...	16.122	2465972	18.031 ug/ml
17) T Bnezo[k]fluoranthene ...	16.155	2435092	17.765 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.497	2354432	18.085 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.854	2306720	19.179 ug/ml
20) T Dibenz[a,h]anthracene...	17.896	2355368	18.416 ug/ml
21) T Benzo[g,h,i]perylene ...	18.106	2341163	18.453 ug/ml

(f)=RT Delta > 1/2 Window

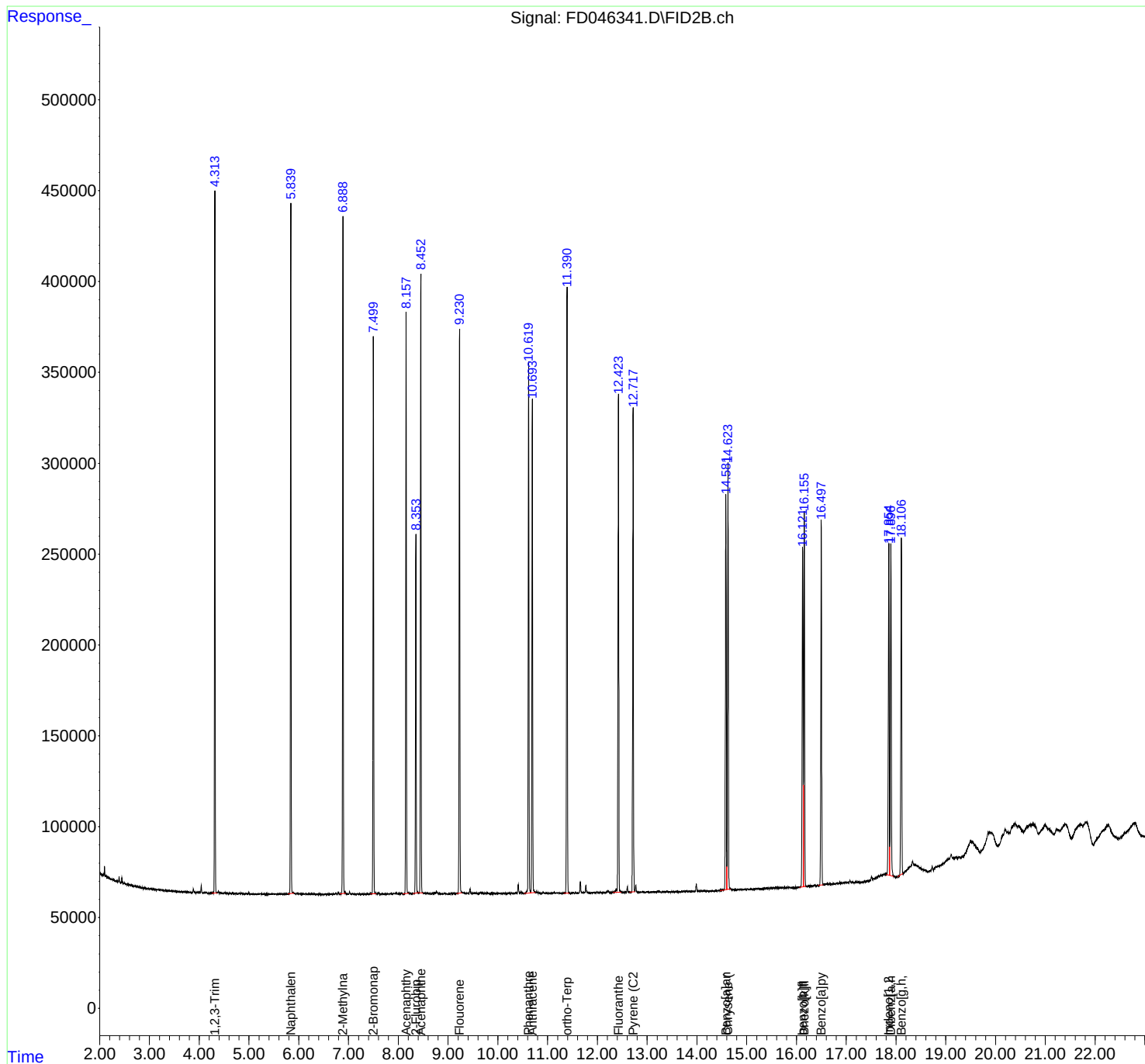
(m)=manual int.

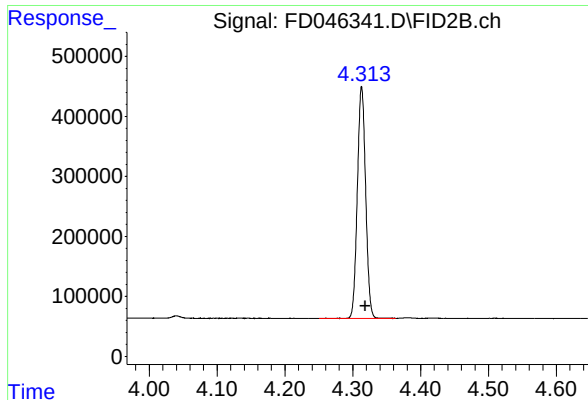
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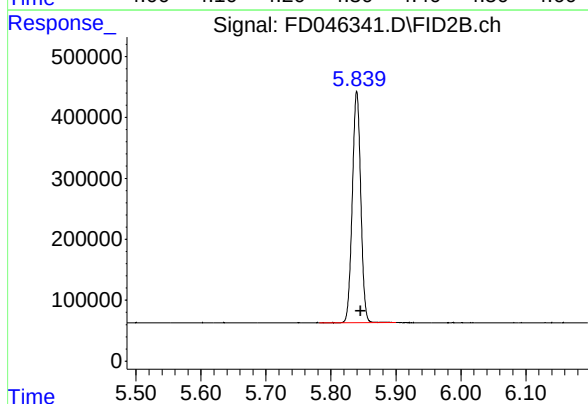




#1 1,2,3-Trimethylbenzene (C10.1)

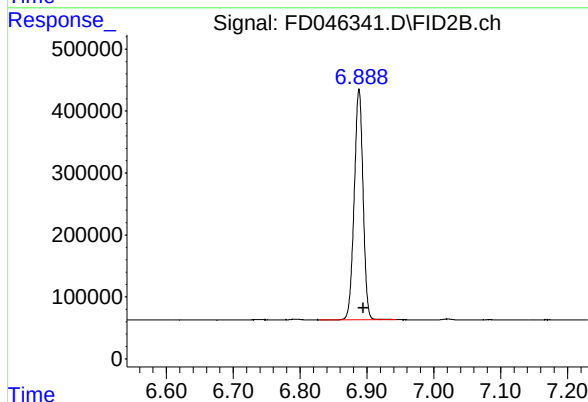
R.T.: 4.313 min
Delta R.T.: -0.005 min
Response: 3281216
Conc: 18.01 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



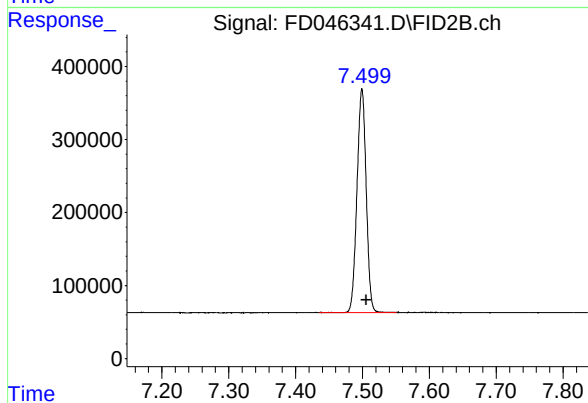
#2 Naphthalene (C11.7)

R.T.: 5.840 min
Delta R.T.: -0.006 min
Response: 3422026
Conc: 18.95 ug/ml



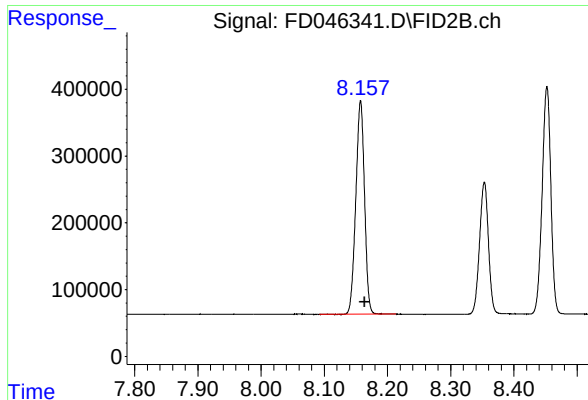
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.888 min
Delta R.T.: -0.006 min
Response: 3418069
Conc: 19.42 ug/ml



#4 2-Bromonaphthalene (SURR)

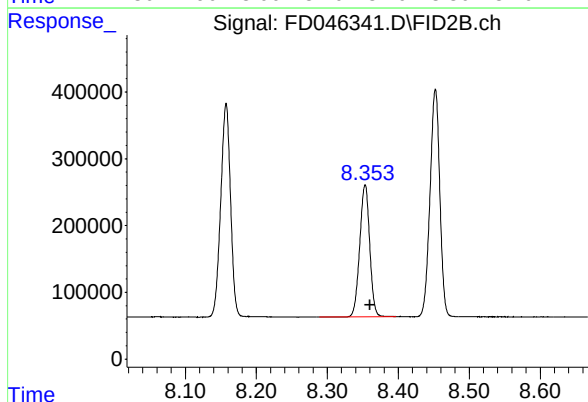
R.T.: 7.499 min
Delta R.T.: -0.007 min
Response: 2925659
Conc: 19.57 ug/ml



#5 Acenaphthylene (C15.06)

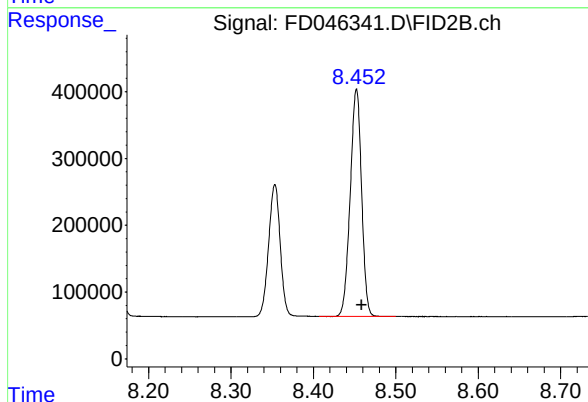
R.T.: 8.157 min
Delta R.T.: -0.006 min
Response: 3062513
Conc: 20.07 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



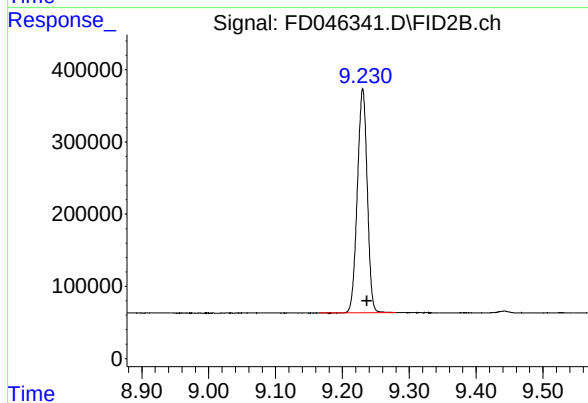
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.353 min
Delta R.T.: -0.007 min
Response: 1924603
Conc: 20.56 ug/ml



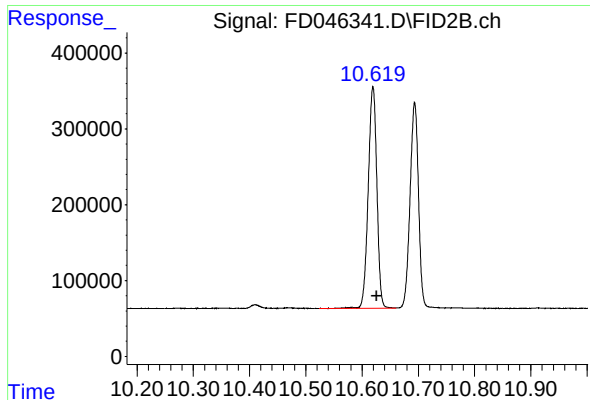
#7 Acenaphthene (C15.5)

R.T.: 8.452 min
Delta R.T.: -0.006 min
Response: 3257957
Conc: 19.98 ug/ml



#8 Fluorene (C16.55)

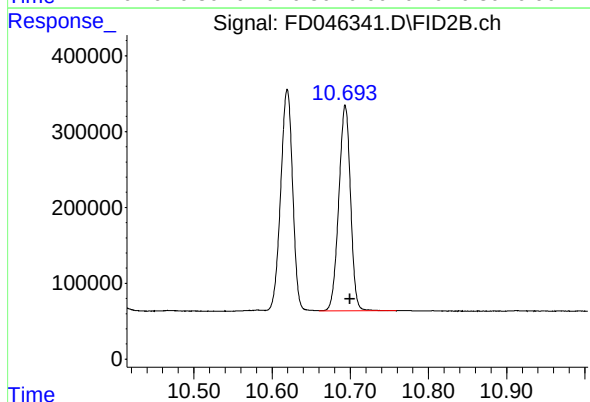
R.T.: 9.230 min
Delta R.T.: -0.007 min
Response: 3185136
Conc: 20.93 ug/ml



#9 Phenanthrene (C19.36)

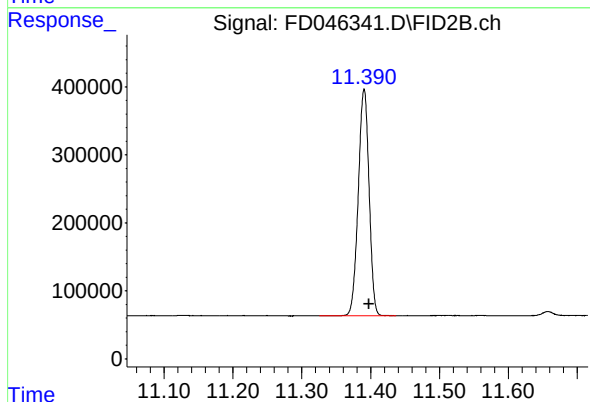
R.T.: 10.619 min
Delta R.T.: -0.006 min
Response: 3122472
Conc: 21.68 ug/ml

Instrument :
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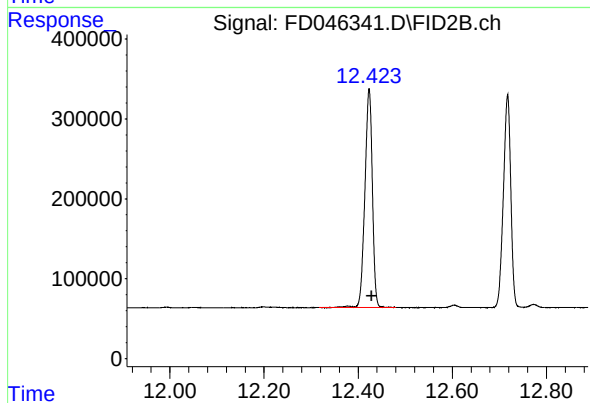
#10 Anthracene (C19.43)

R.T.: 10.694 min
Delta R.T.: -0.006 min
Response: 2827151
Conc: 21.60 ug/ml



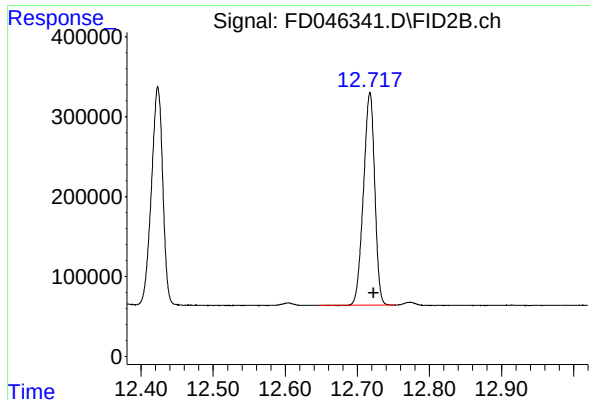
#11 ortho-Terphenyl (SURR)

R.T.: 11.390 min
Delta R.T.: -0.007 min
Response: 3628132
Conc: 20.77 ug/ml



#12 Fluoranthene (C21.85)

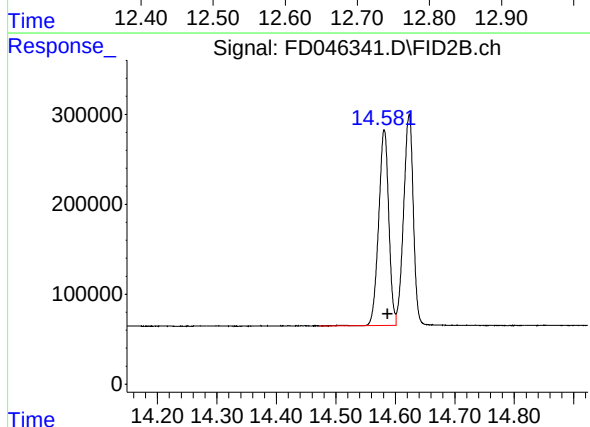
R.T.: 12.423 min
Delta R.T.: -0.005 min
Response: 3031129
Conc: 21.69 ug/ml



#13 Pyrene (C20.8)

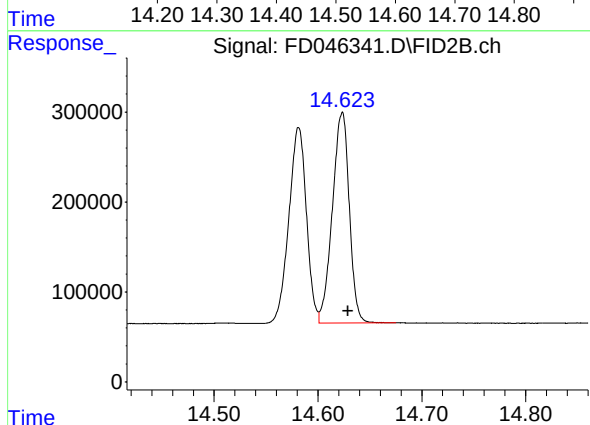
R.T.: 12.717 min
Delta R.T.: -0.005 min
Response: 2898156
Conc: 20.91 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



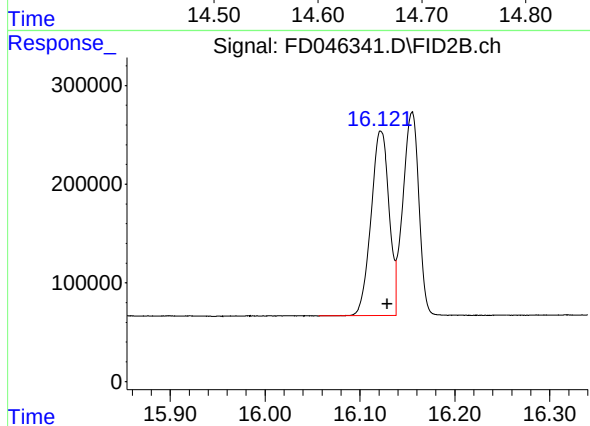
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.581 min
Delta R.T.: -0.006 min
Response: 2564138
Conc: 19.53 ug/ml



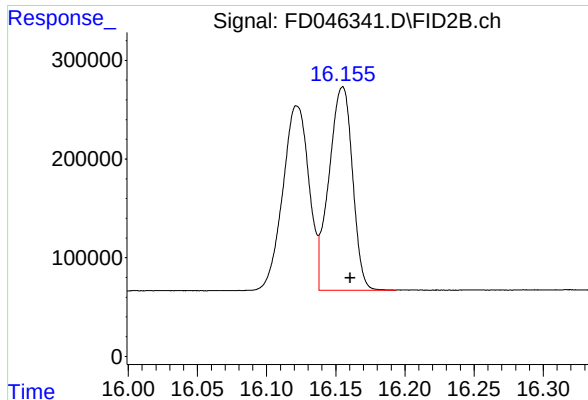
#15 Chrysene (C27.41)

R.T.: 14.623 min
Delta R.T.: -0.006 min
Response: 2650563
Conc: 18.80 ug/ml



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

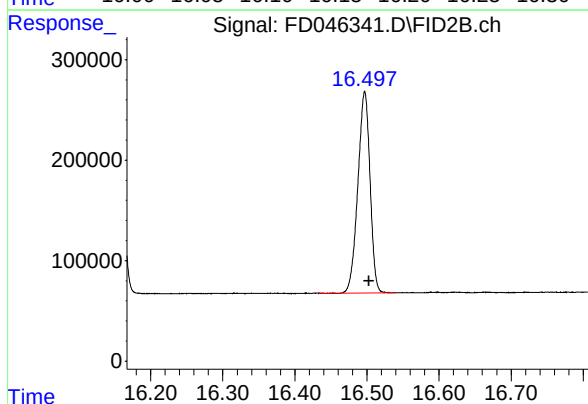
R.T.: 16.122 min
Delta R.T.: -0.007 min
Response: 2465972
Conc: 18.03 ug/ml



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

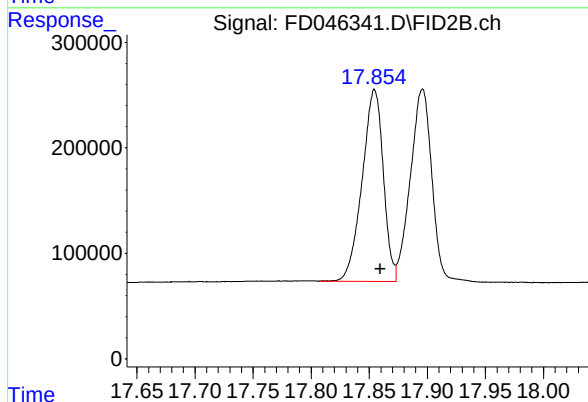
R.T.: 16.155 min
Delta R.T.: -0.006 min
Response: 2435092
Conc: 17.77 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



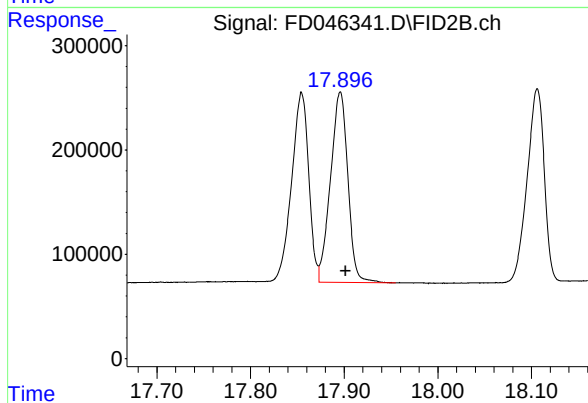
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.497 min
Delta R.T.: -0.006 min
Response: 2354432
Conc: 18.08 ug/ml



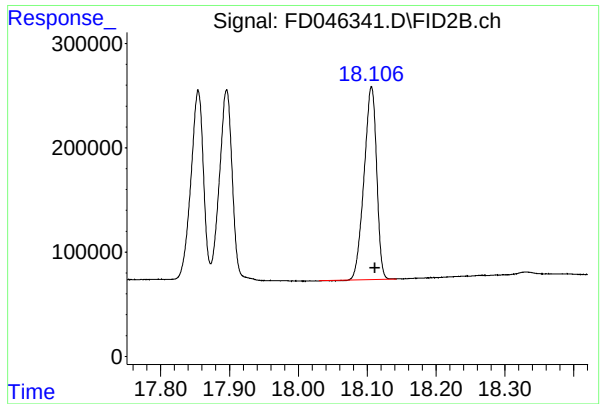
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.854 min
Delta R.T.: -0.005 min
Response: 2306720
Conc: 19.18 ug/ml



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

R.T.: 17.896 min
Delta R.T.: -0.006 min
Response: 2355368
Conc: 18.42 ug/ml



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

R.T.: 18.106 min
Delta R.T.: -0.005 min
Response: 2341163
Conc: 18.45 ug/ml

Instrument :

FID_D

ClientSampleId :

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