

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050823AR\
 Data File : FD045616.D
 Signal(s) : FID2B.ch
 Acq On : 08 May 2023 09:06
 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: May 09 03:41:56 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 050523.M
 Quant Title : GC Extractables
 QLast Update : Fri May 05 18:09:33 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...	7.543	3478675	20.394 ug/ml
Spiked Amount 50.000		Recovery =	40.79%
6) S 2-Fluorobiphenyl (SURR)	8.398	2353622	20.471 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.94%
11) S ortho-Terphenyl (SURR)	11.438	4315958	20.443 ug/ml
Spiked Amount 50.000		Recovery =	40.89%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.351	3810936	20.416 ug/ml
2) T Naphthalene (C11.7)	5.882	4017834	20.426 ug/ml
3) T 2-Methylnaphthalene (...)	6.931	4067371	20.589 ug/ml
5) T Acenaphthylene (C15.06)	8.203	3680108	20.483 ug/ml
7) T Acenaphthene (C15.5)	8.498	3906082	20.526 ug/ml
8) T Fluorene (C16.55)	9.277	3860871	20.472 ug/ml
9) T Phenanthrene (C19.36)	10.668	3797964	20.433 ug/ml
10) T Anthracene (C19.43)	10.741	3579864	20.025 ug/ml
12) T Fluoranthene (C21.85)	12.471	3712167	20.578 ug/ml
13) T Pyrene (C20.8)	12.766	3592715	20.499 ug/ml
14) T Benzo[a]anthracene (C...	14.630	3274961	20.575 ug/ml
15) T Chrysene (C27.41)	14.671	3380936	20.821 ug/ml
16) T benzo[b]fluoranthene ...	16.172	3013294	20.460 ug/ml
17) T Bnezo[k]fluoranthene ...	16.204	3052238	21.109 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.546	2854947	20.476 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.903	2639840	20.778 ug/ml
20) T Dibenz[a,h]anthracene...	17.945	2699427	21.019 ug/ml
21) T Benzo[g,h,i]perylene ...	18.156	2623070	20.393 ug/ml

(f)=RT Delta > 1/2 Window

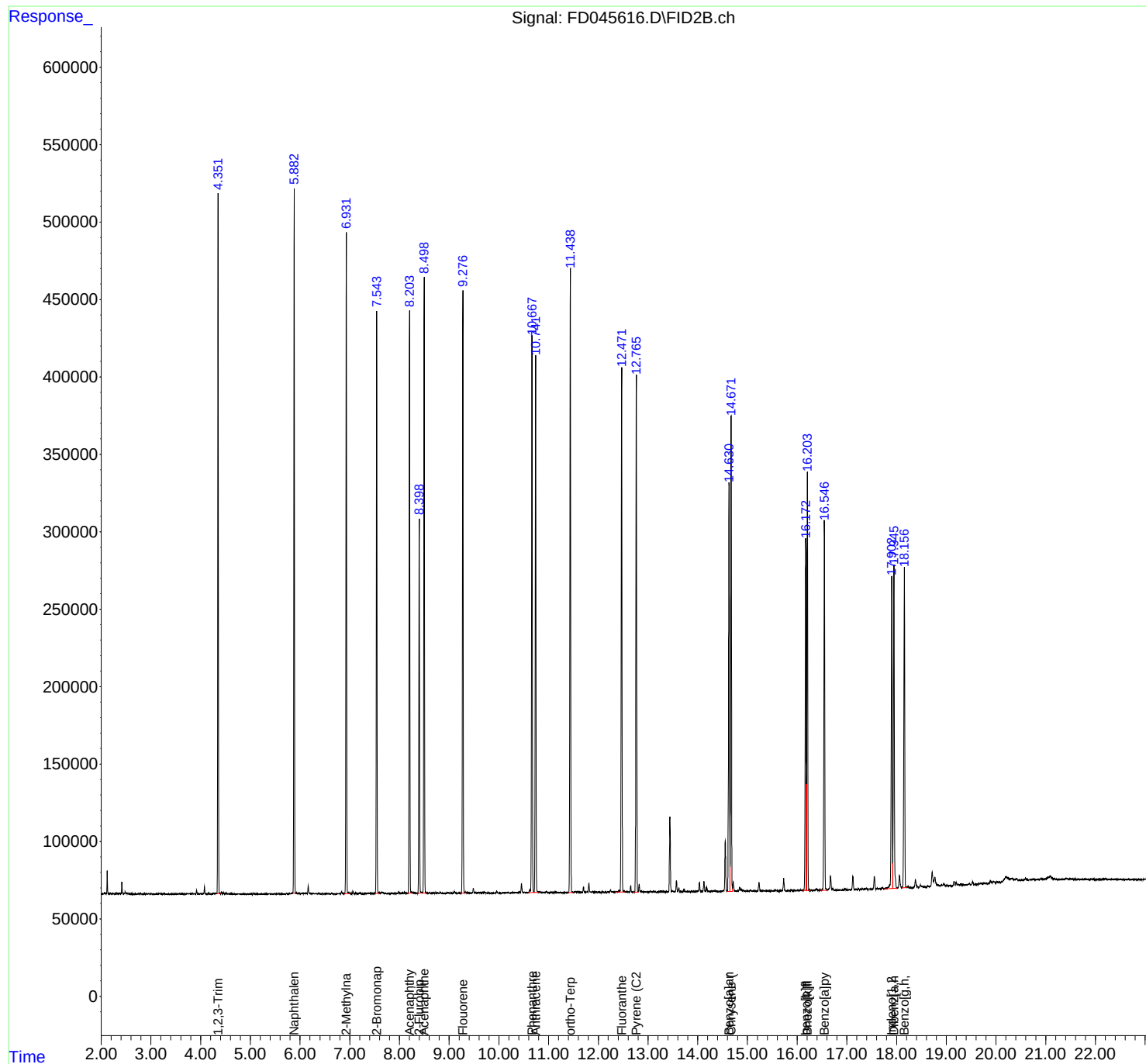
(m)=manual int.

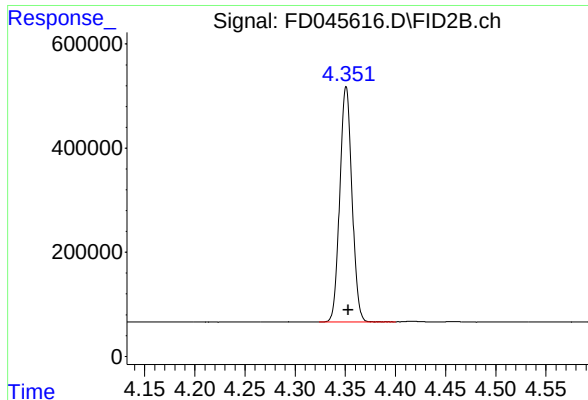
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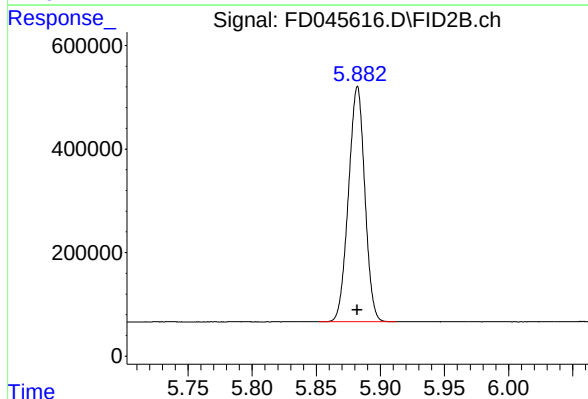




#1 1,2,3-Trimethylbenzene (C10.1)

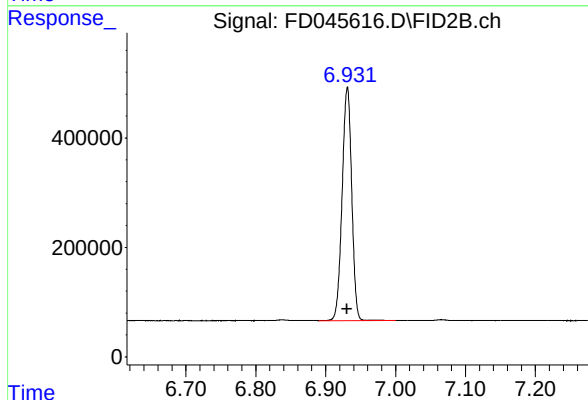
R.T.: 4.351 min
Delta R.T.: -0.002 min
Response: 3810936
Conc: 20.42 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



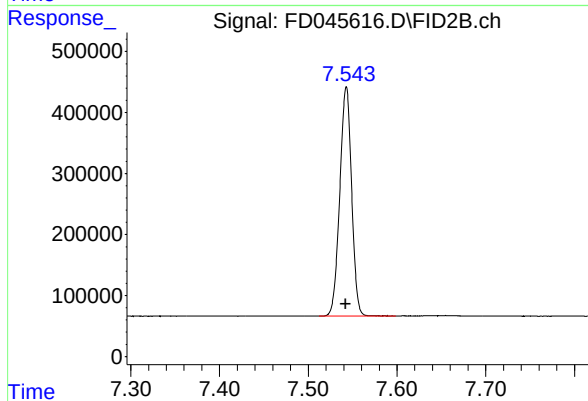
#2 Naphthalene (C11.7)

R.T.: 5.882 min
Delta R.T.: 0.000 min
Response: 4017834
Conc: 20.43 ug/ml



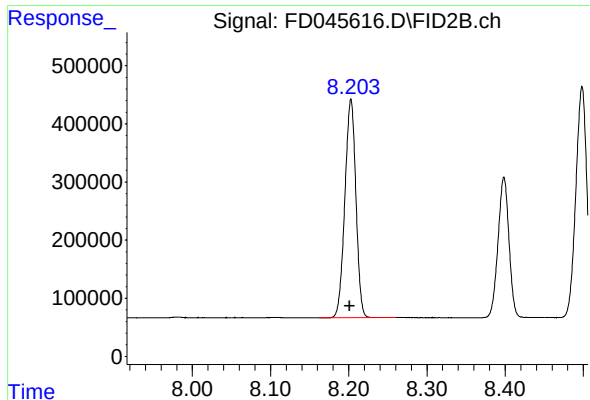
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.931 min
Delta R.T.: 0.000 min
Response: 4067371
Conc: 20.59 ug/ml



#4 2-Bromonaphthalene (SURR)

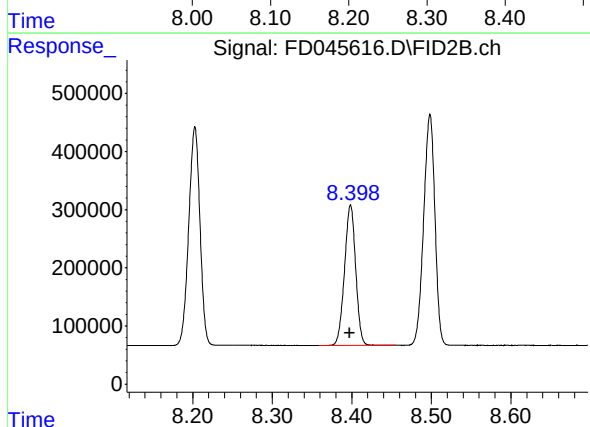
R.T.: 7.543 min
Delta R.T.: 0.000 min
Response: 3478675
Conc: 20.39 ug/ml



#5 Acenaphthylene (C15.06)

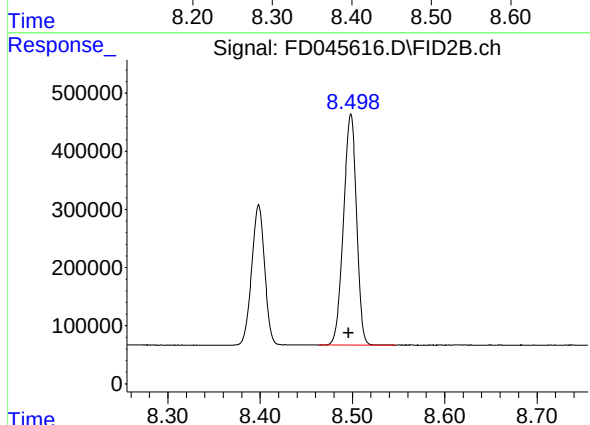
R.T.: 8.203 min
Delta R.T.: 0.002 min
Response: 3680108
Conc: 20.48 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



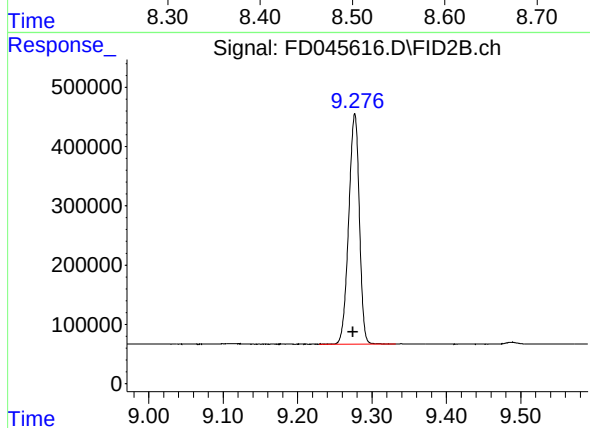
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.398 min
Delta R.T.: 0.001 min
Response: 2353622
Conc: 20.47 ug/ml



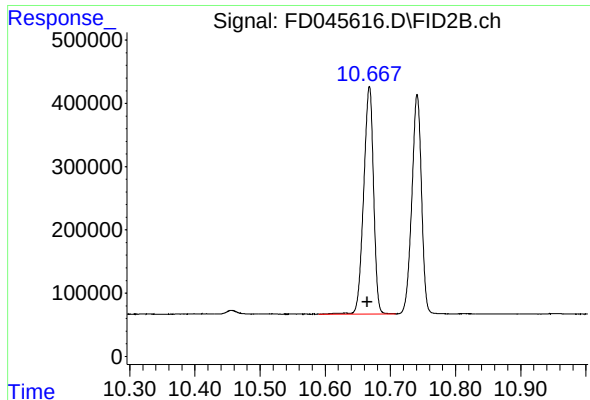
#7 Acenaphthene (C15.5)

R.T.: 8.498 min
Delta R.T.: 0.002 min
Response: 3906082
Conc: 20.53 ug/ml



#8 Fluorene (C16.55)

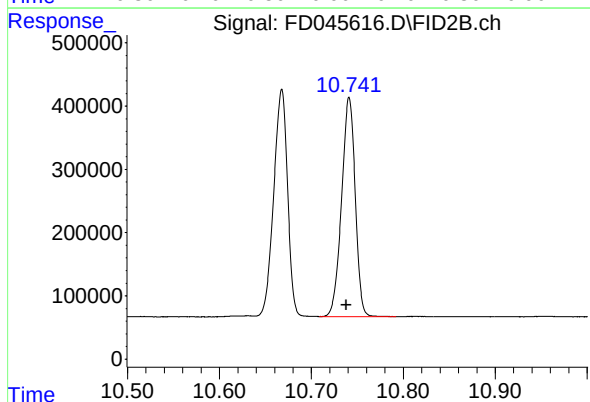
R.T.: 9.277 min
Delta R.T.: 0.002 min
Response: 3860871
Conc: 20.47 ug/ml



#9 Phenanthrene (C19.36)

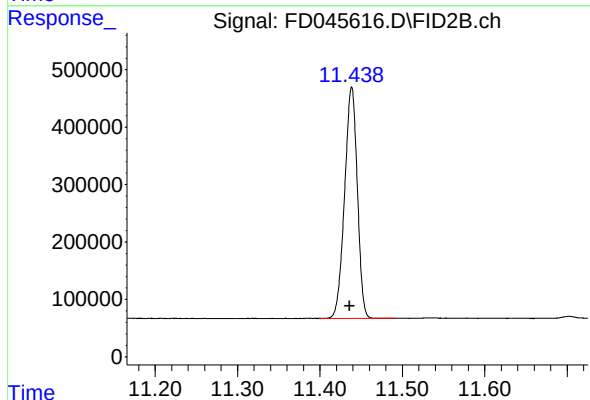
R.T.: 10.668 min
Delta R.T.: 0.003 min
Response: 3797964
Conc: 20.43 ug/ml

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20 PPM AROMATIC HC STD



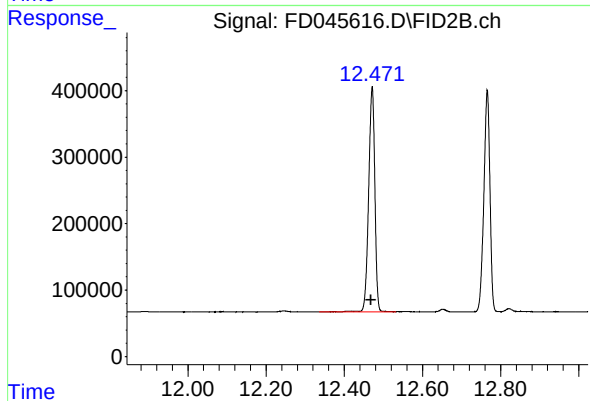
#10 Anthracene (C19.43)

R.T.: 10.741 min
Delta R.T.: 0.003 min
Response: 3579864
Conc: 20.02 ug/ml



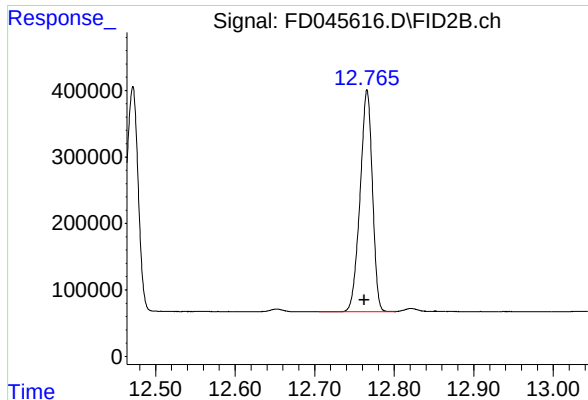
#11 ortho-Terphenyl (SURR)

R.T.: 11.438 min
Delta R.T.: 0.002 min
Response: 4315958
Conc: 20.44 ug/ml



#12 Fluoranthene (C21.85)

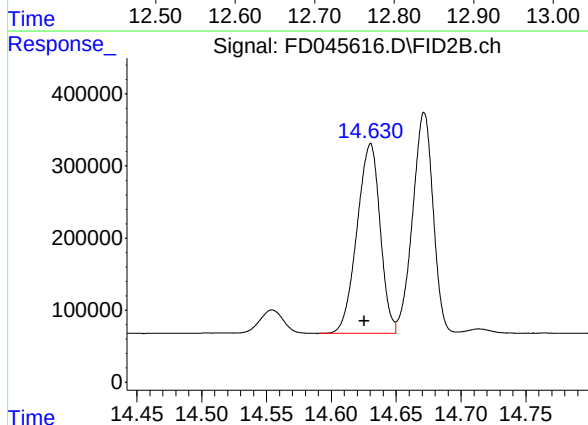
R.T.: 12.471 min
Delta R.T.: 0.003 min
Response: 3712167
Conc: 20.58 ug/ml



#13 Pyrene (C20.8)

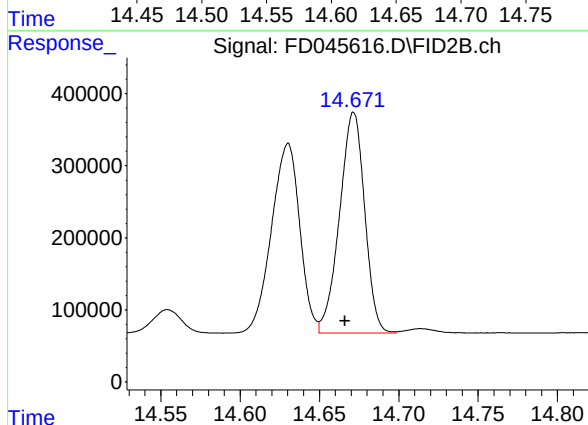
R.T.: 12.766 min
Delta R.T.: 0.003 min
Response: 3592715
Conc: 20.50 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



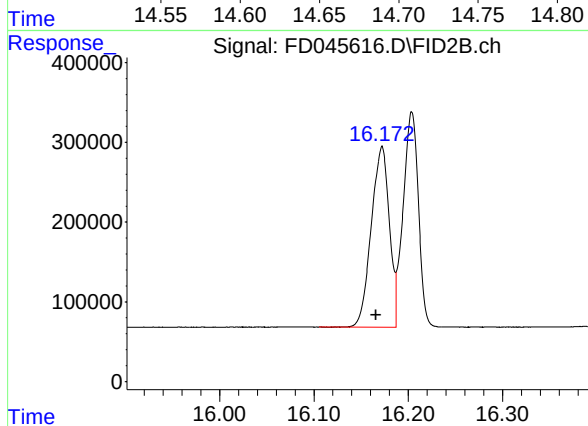
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.630 min
Delta R.T.: 0.005 min
Response: 3274961
Conc: 20.58 ug/ml



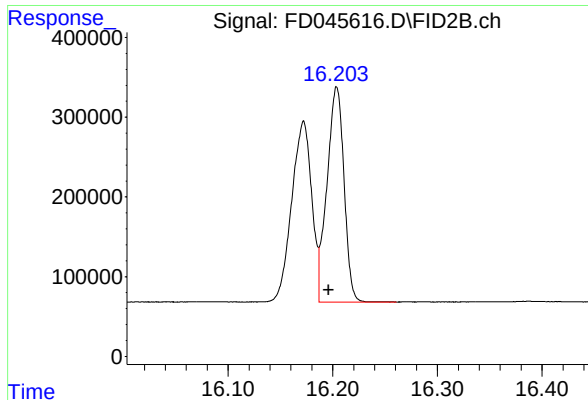
#15 Chrysene (C27.41)

R.T.: 14.671 min
Delta R.T.: 0.005 min
Response: 3380936
Conc: 20.82 ug/ml



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

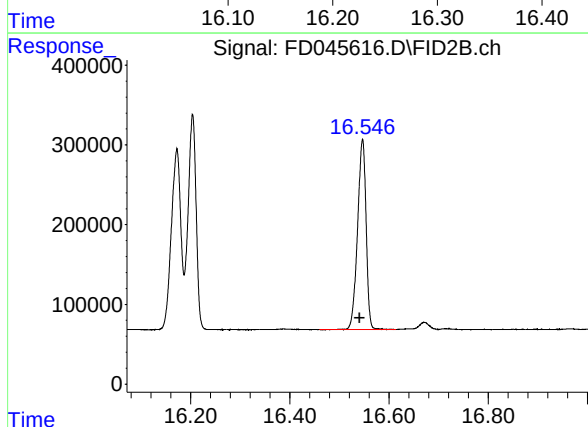
R.T.: 16.172 min
Delta R.T.: 0.006 min
Response: 3013294
Conc: 20.46 ug/ml



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

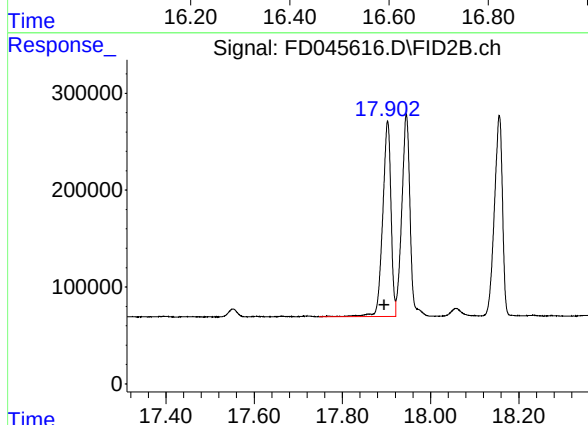
R.T.: 16.204 min
Delta R.T.: 0.008 min
Response: 3052238
Conc: 21.11 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



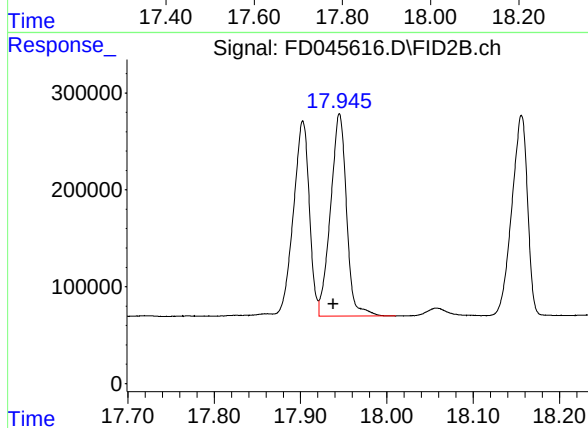
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.546 min
Delta R.T.: 0.006 min
Response: 2854947
Conc: 20.48 ug/ml



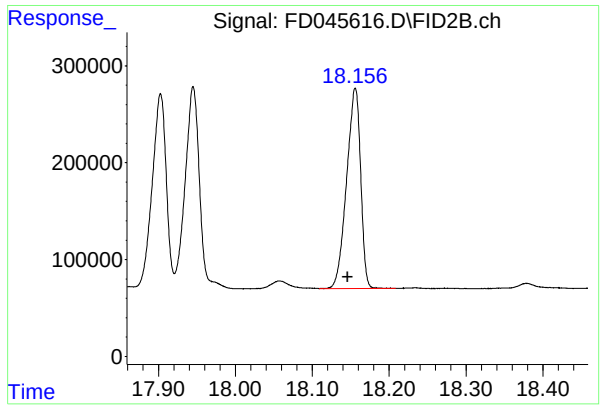
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.903 min
Delta R.T.: 0.007 min
Response: 2639840
Conc: 20.78 ug/ml



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

R.T.: 17.945 min
Delta R.T.: 0.007 min
Response: 2699427
Conc: 21.02 ug/ml



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

R.T.: 18.156 min
Delta R.T.: 0.010 min
Response: 2623070
Conc: 20.39 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD