

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050324AR\
 Data File : FD047641.D
 Signal(s) : FID2B.ch
 Acq On : 03 May 2024 11:50
 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: sample.E
 Quant Time: May 03 13:32:23 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042924.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 17:13:11 2024
 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...	7.459	3191143	20.348 ug/ml
Spiked Amount 50.000		Recovery =	40.70%
6) S 2-Fluorobiphenyl (SURR)	8.313	2130738	20.370 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.74%
11) S ortho-Terphenyl (SURR)	11.351	3789917	20.209 ug/ml
Spiked Amount 50.000		Recovery =	40.42%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.275	3308411	20.463 ug/ml
2) T Naphthalene (C11.7)	5.799	3461753	20.459 ug/ml
3) T 2-Methylnaphthalene (...)	6.847	3503698	20.569 ug/ml
5) T Acenaphthylene (C15.06)	8.116	3219724	19.743 ug/ml
7) T Acenaphthene (C15.5)	8.411	3455206	20.555 ug/ml
8) T Flouorene (C16.55)	9.190	3392456	20.394 ug/ml
9) T Phenanthrene (C19.36)	10.579	3315887	20.254 ug/ml
10) T Anthracene (C19.43)	10.653	2719850	18.158 ug/ml
12) T Fluoranthene (C21.85)	12.384	3406983	20.532 ug/ml
13) T Pyrene (C20.8)	12.678	3285717	20.194 ug/ml
14) T Benzo[a]anthracene (C...	14.547	2930068	20.073 ug/ml
15) T Chrysene (C27.41)	14.589	3129727	19.861 ug/ml
16) T benzo[b]fluoranthene ...	16.093	3035674	20.325 ug/ml
17) T Bnezo[k]fluoranthene ...	16.125	3127083	20.771 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.469	2869508	19.887 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.832	2736912	20.166 ug/ml
20) T Dibenz[a,h]anthracene...	17.871	3085936	21.554 ug/ml
21) T Benzo[g,h,i]perylene ...	18.082	2843983	20.714 ug/ml

(f)=RT Delta > 1/2 Window

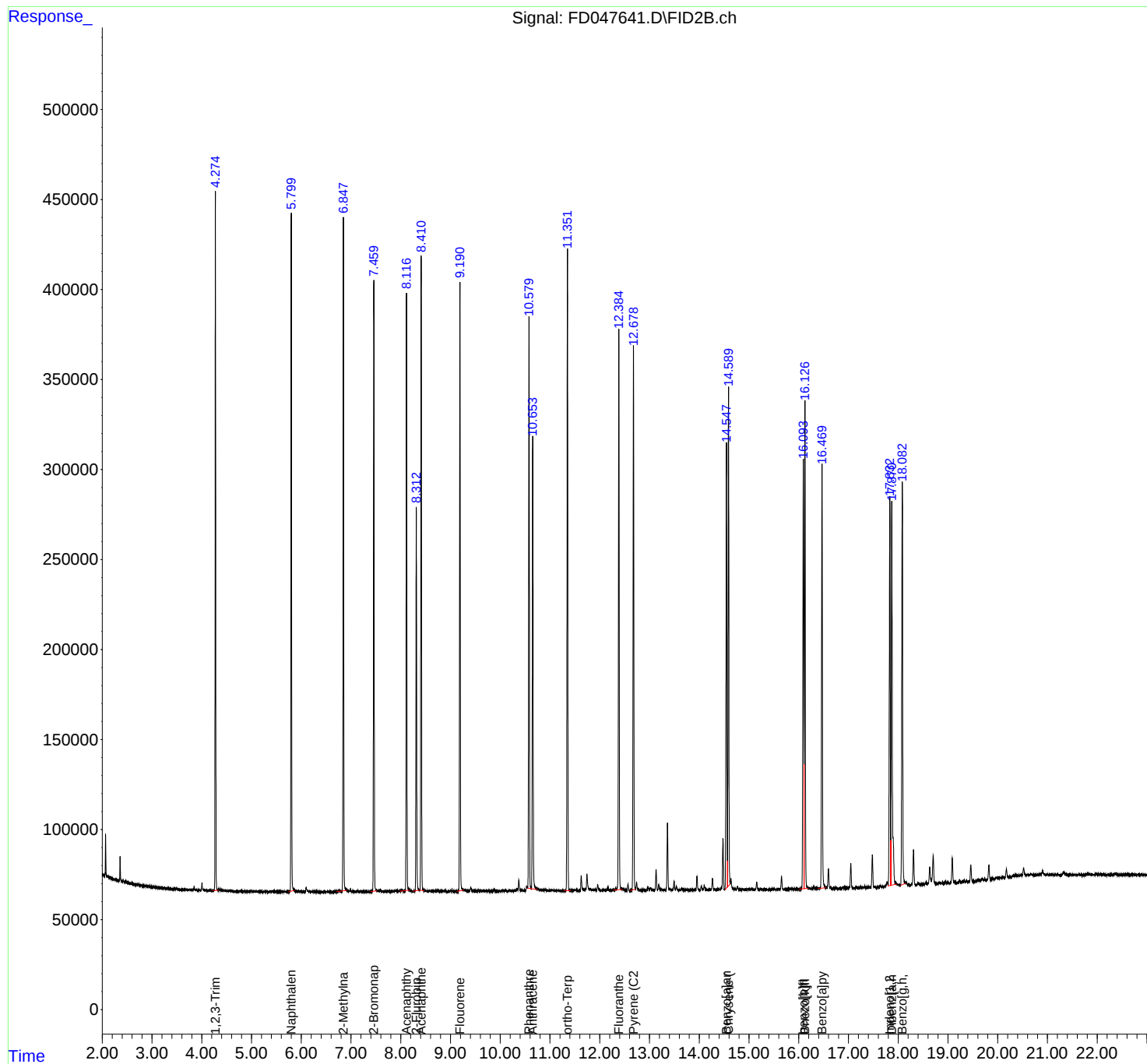
(m)=manual int.

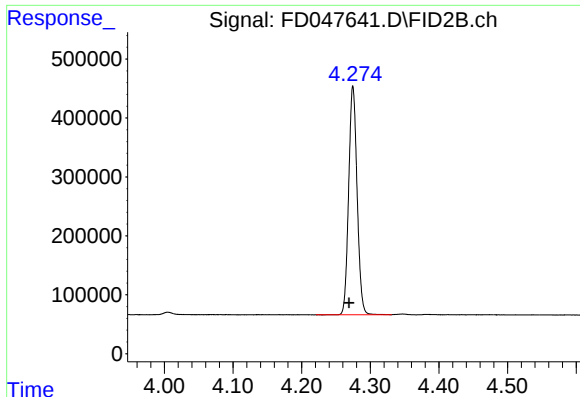
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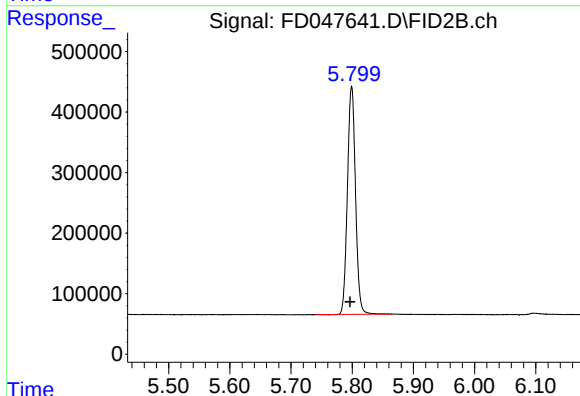




#1 1,2,3-Trimethylbenzene (C10.1)

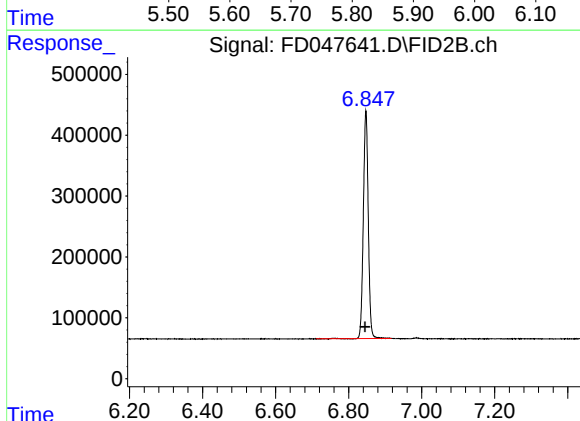
R.T.: 4.275 min
Delta R.T.: 0.006 min
Response: 3308411
Conc: 20.46 ug/ml

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FID_D
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20 PPM AROMATIC HC STD



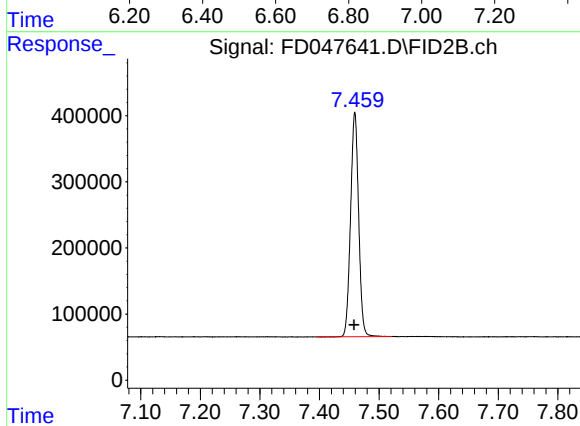
#2 Naphthalene (C11.7)

R.T.: 5.799 min
Delta R.T.: 0.002 min
Response: 3461753
Conc: 20.46 ug/ml



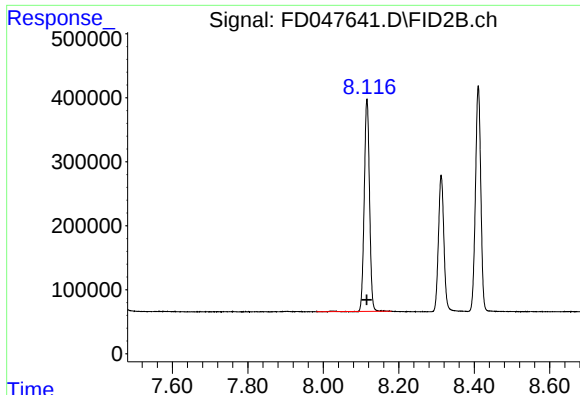
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.847 min
Delta R.T.: 0.002 min
Response: 3503698
Conc: 20.57 ug/ml



#4 2-Bromonaphthalene (SURR)

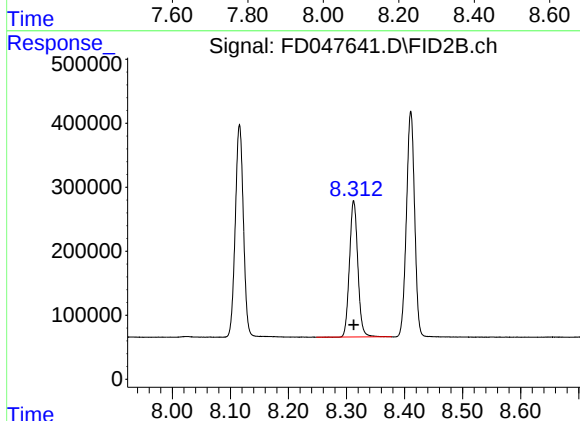
R.T.: 7.459 min
Delta R.T.: 0.000 min
Response: 3191143
Conc: 20.35 ug/ml



#5 Acenaphthylene (C15.06)

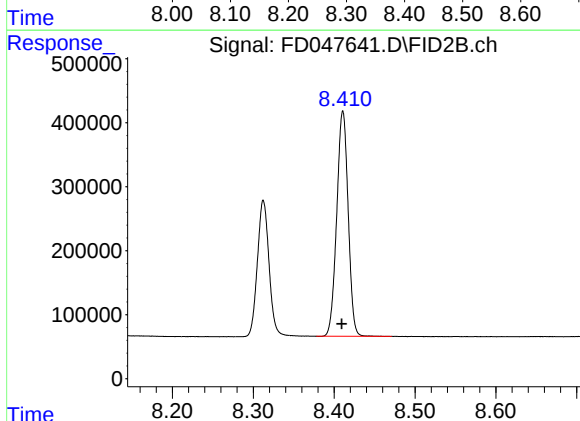
R.T.: 8.116 min
Delta R.T.: 0.000 min
Response: 3219724
Conc: 19.74 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



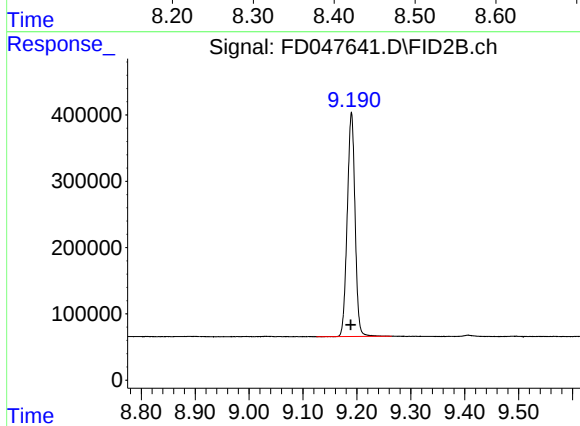
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.313 min
Delta R.T.: 0.000 min
Response: 2130738
Conc: 20.37 ug/ml



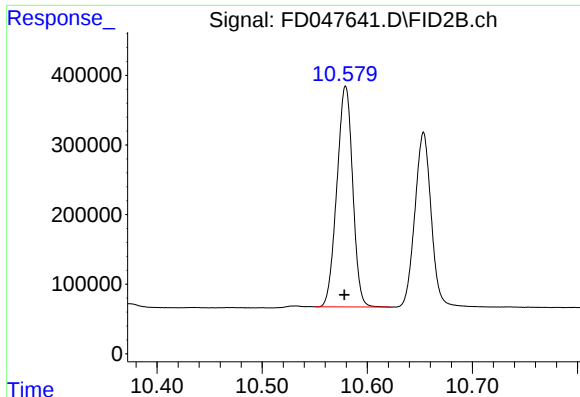
#7 Acenaphthene (C15.5)

R.T.: 8.411 min
Delta R.T.: 0.002 min
Response: 3455206
Conc: 20.55 ug/ml



#8 Flouorene (C16.55)

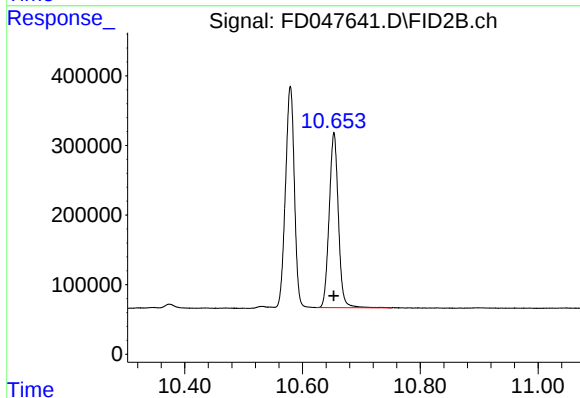
R.T.: 9.190 min
Delta R.T.: 0.001 min
Response: 3392456
Conc: 20.39 ug/ml



#9 Phenanthrene (C19.36)

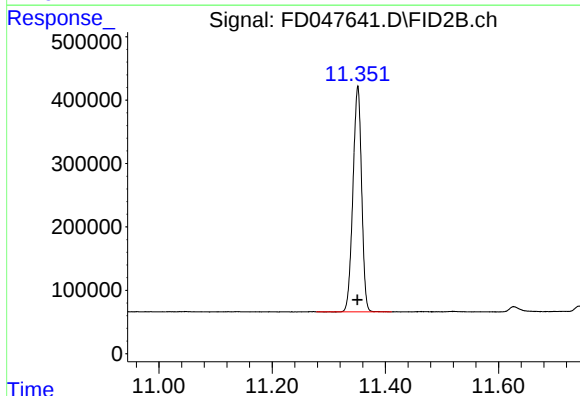
R.T.: 10.579 min
Delta R.T.: 0.001 min
Response: 3315887
Conc: 20.25 ug/ml

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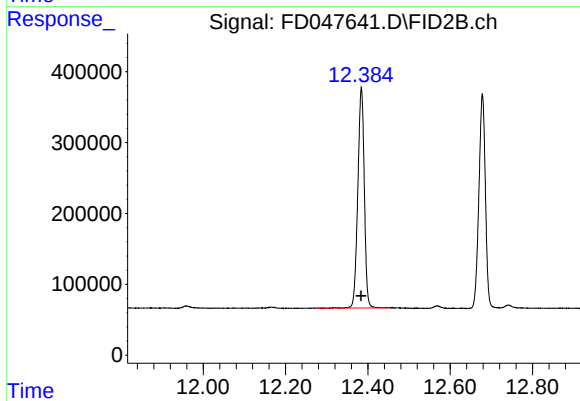
#10 Anthracene (C19.43)

R.T.: 10.653 min
Delta R.T.: 0.000 min
Response: 2719850
Conc: 18.16 ug/ml



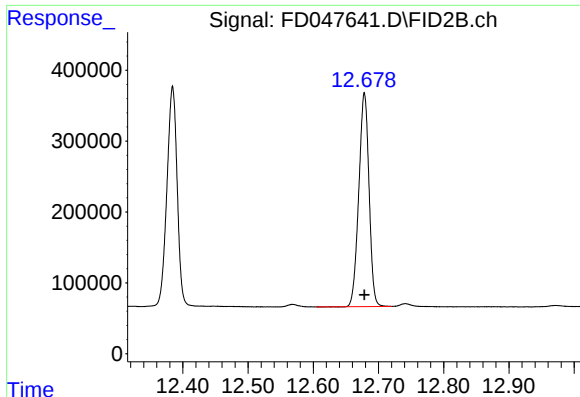
#11 ortho-Terphenyl (SURR)

R.T.: 11.351 min
Delta R.T.: 0.000 min
Response: 3789917
Conc: 20.21 ug/ml



#12 Fluoranthene (C21.85)

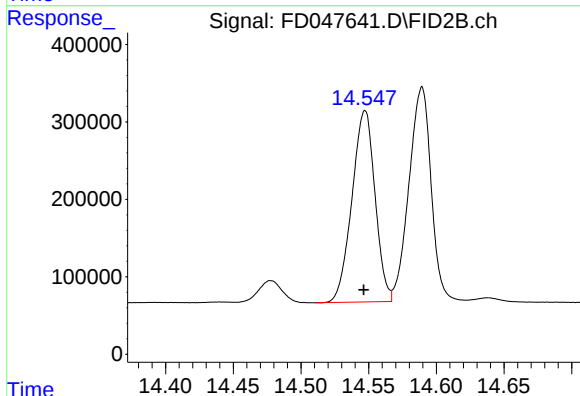
R.T.: 12.384 min
Delta R.T.: 0.000 min
Response: 3406983
Conc: 20.53 ug/ml



#13 Pyrene (C20.8)

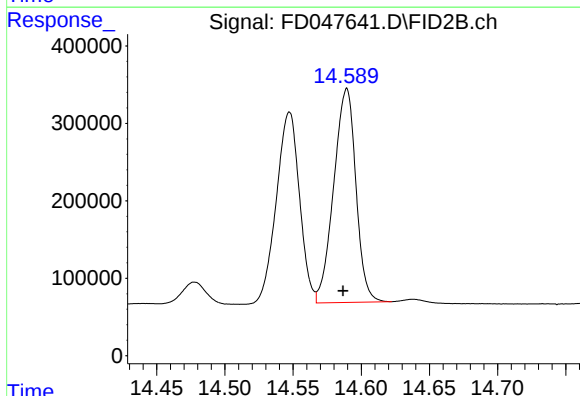
R.T.: 12.678 min
Delta R.T.: 0.000 min
Response: 3285717
Conc: 20.19 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



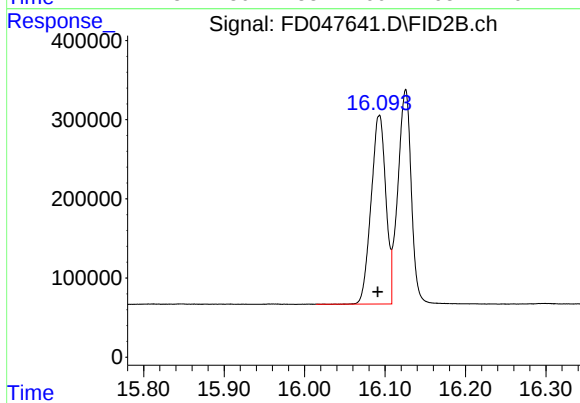
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.547 min
Delta R.T.: 0.000 min
Response: 2930068
Conc: 20.07 ug/ml



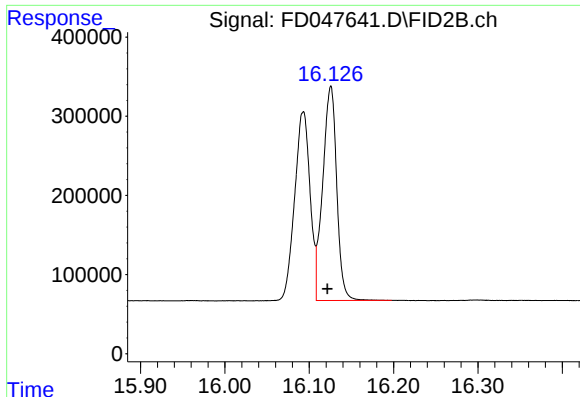
#15 Chrysene (C27.41)

R.T.: 14.589 min
Delta R.T.: 0.002 min
Response: 3129727
Conc: 19.86 ug/ml



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

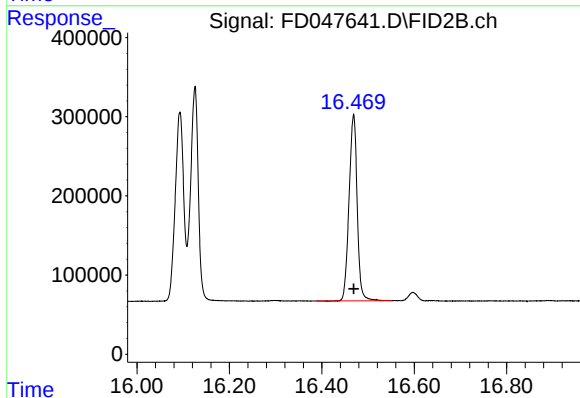
R.T.: 16.093 min
Delta R.T.: 0.002 min
Response: 3035674
Conc: 20.32 ug/ml



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

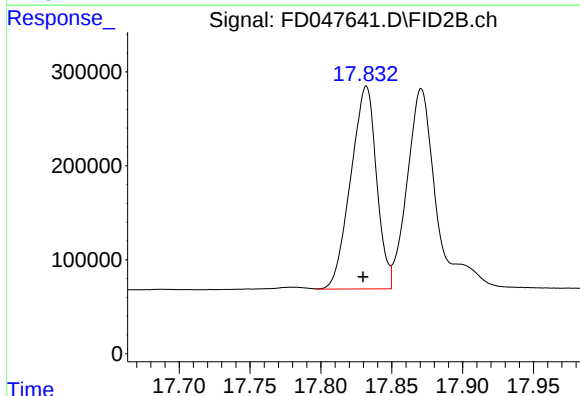
R.T.: 16.125 min
Delta R.T.: 0.004 min
Response: 3127083
Conc: 20.77 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



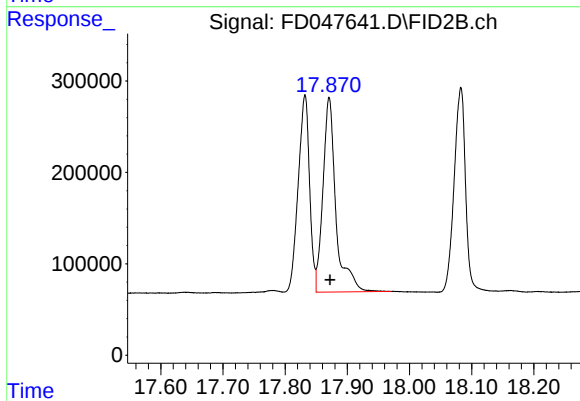
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.469 min
Delta R.T.: 0.000 min
Response: 2869508
Conc: 19.89 ug/ml



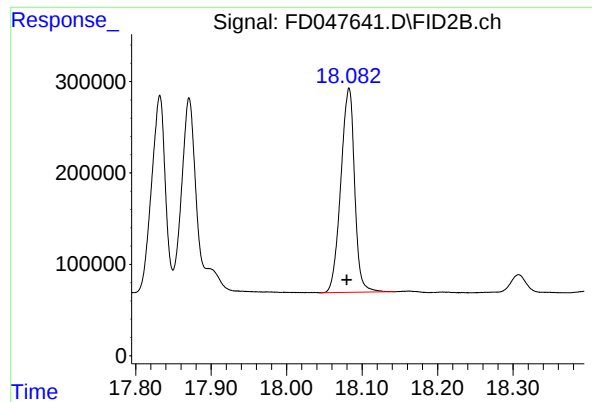
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.832 min
Delta R.T.: 0.002 min
Response: 2736912
Conc: 20.17 ug/ml



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

R.T.: 17.871 min
Delta R.T.: -0.001 min
Response: 3085936
Conc: 21.55 ug/ml



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

R.T.: 18.082 min
Delta R.T.: 0.002 min
Response: 2843983
Conc: 20.71 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD