

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061724AR\
 Data File : FD047941.D
 Signal(s) : FID2B.ch
 Acq On : 17 Jun 2024 11:15
 Operator : YP/AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e
 Quant Time: Jun 17 12:48:53 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061724.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 17 12:44:22 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...	7.422	7149237	50.985 ug/ml
Spiked Amount 50.000		Recovery =	101.97%
6) S 2-Fluorobiphenyl (SURR)	8.274	4847322	50.959 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	101.92%
11) S ortho-Terphenyl (SURR)	11.314	8124168	50.559 ug/ml
Spiked Amount 50.000		Recovery =	101.12%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.238	7956523	51.421 ug/ml
2) T Naphthalene (C11.7)	5.761	8357748	51.289 ug/ml
3) T 2-Methylnaphthalene (...)	6.810	8414898	51.012 ug/ml
5) T Acenaphthylene (C15.06)	8.078	8230017	50.943 ug/ml
7) T Acenaphthene (C15.5)	8.374	8248793	50.841 ug/ml
8) T Flouorene (C16.55)	9.152	8129927	50.768 ug/ml
9) T Phenanthrene (C19.36)	10.541	8013498	50.545 ug/ml
10) T Anthracene (C19.43)	10.616	7894858	50.240 ug/ml
12) T Fluoranthene (C21.85)	12.347	7974101	50.338 ug/ml
13) T Pyrene (C20.8)	12.641	7924933	50.439 ug/ml
14) T Benzo[a]anthracene (C...	14.511	7565450	50.512 ug/ml
15) T Chrysene (C27.41)	14.555	7738738	50.183 ug/ml
16) T benzo[b]fluoranthene ...	16.059	7518255	50.211 ug/ml
17) T Bnezo[k]fluoranthene ...	16.094	7080049	49.953 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.437	7396089	50.389 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.800	6674191	50.408 ug/ml
20) T Dibenz[a,h]anthracene...	17.841	7162306	50.164 ug/ml
21) T Benzo[g,h,i]perylene ...	18.055	7157820	50.196 ug/ml

(f)=RT Delta > 1/2 Window

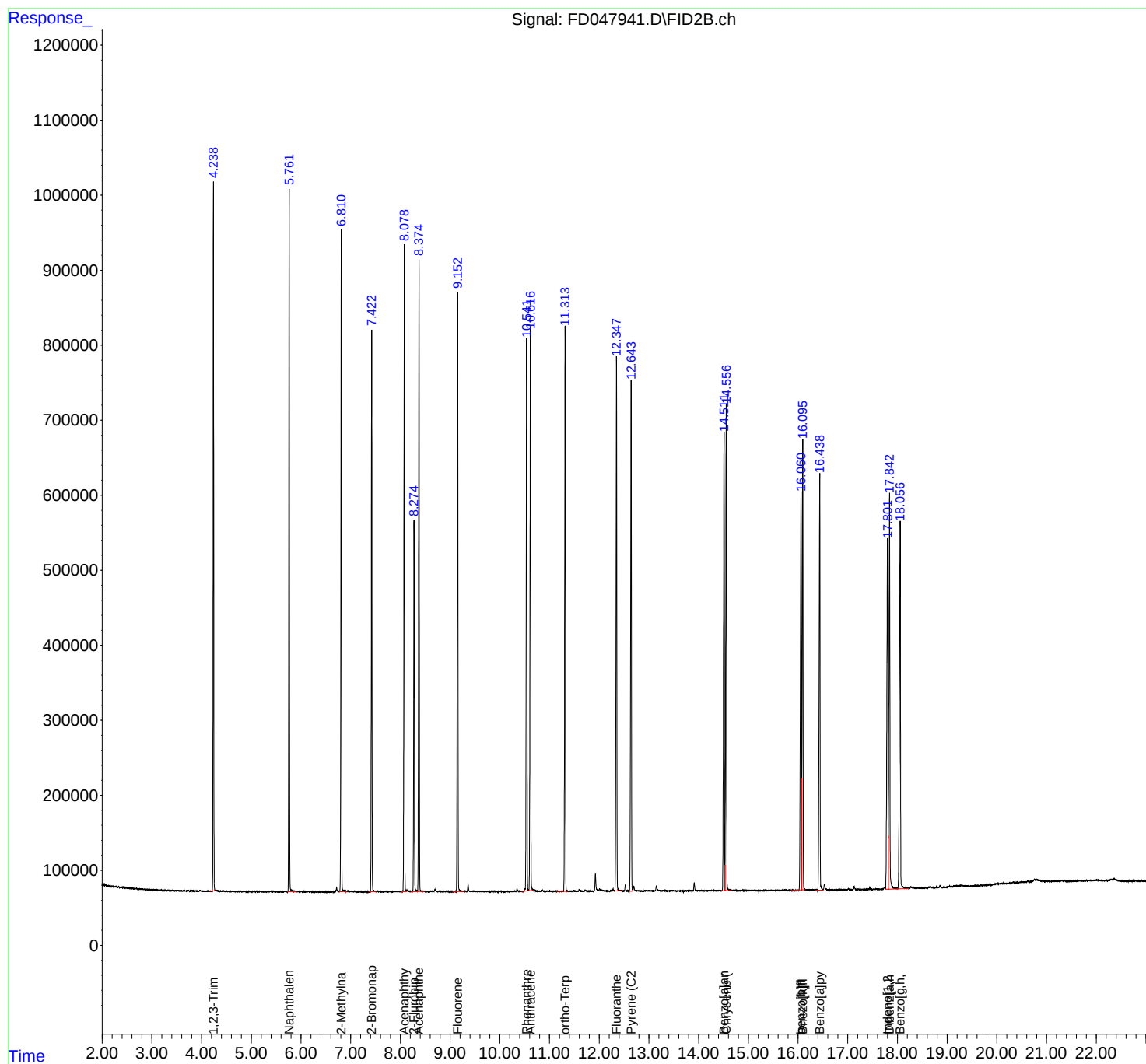
(m)=manual int.

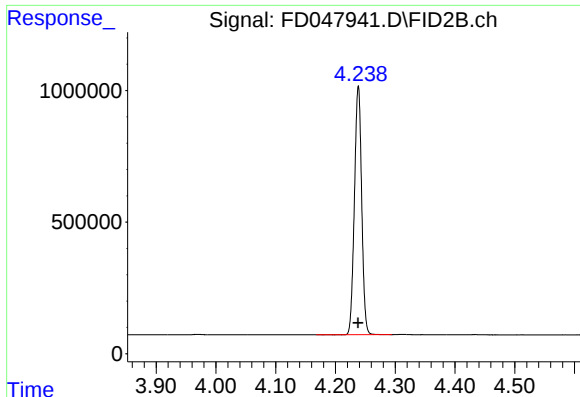
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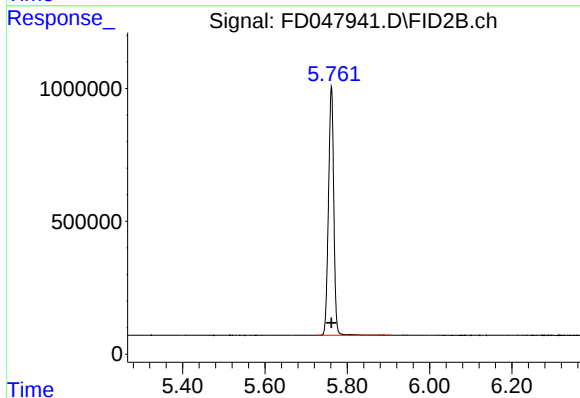




#1 1,2,3-Trimethylbenzene (C10.1)

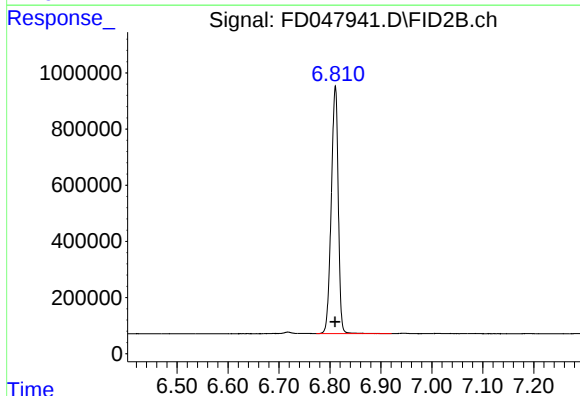
R.T.: 4.238 min
Delta R.T.: 0.000 min
Response: 7956523
Conc: 51.42 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



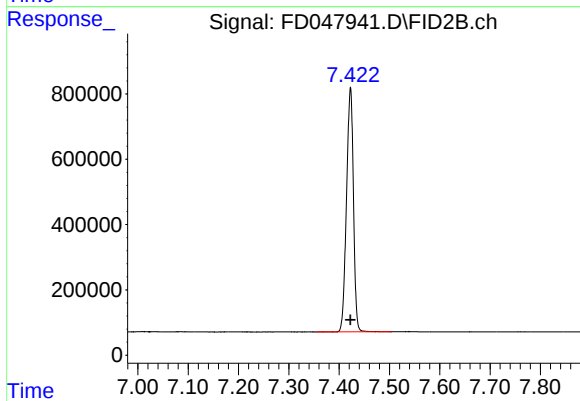
#2 Naphthalene (C11.7)

R.T.: 5.761 min
Delta R.T.: 0.000 min
Response: 8357748
Conc: 51.29 ug/ml



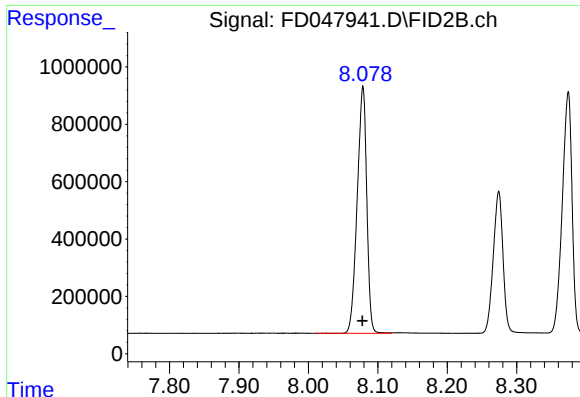
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.810 min
Delta R.T.: 0.000 min
Response: 8414898
Conc: 51.01 ug/ml



#4 2-Bromonaphthalene (SURR)

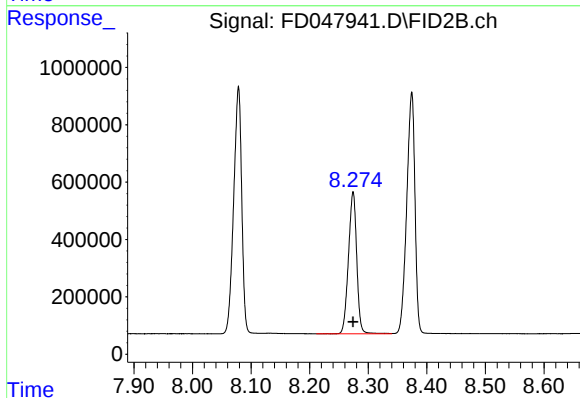
R.T.: 7.422 min
Delta R.T.: 0.000 min
Response: 7149237
Conc: 50.98 ug/ml



#5 Acenaphthylene (C15.06)

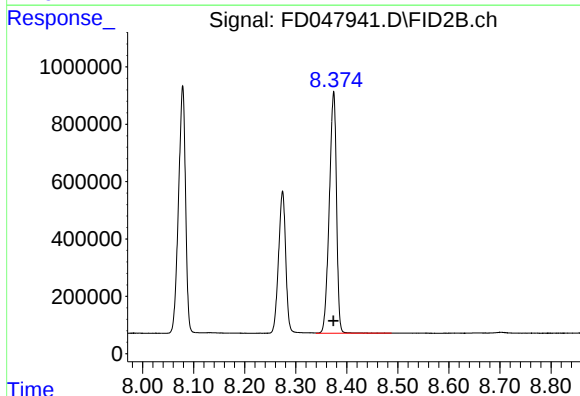
R.T.: 8.078 min
Delta R.T.: 0.000 min
Response: 8230017
Conc: 50.94 ug/ml

Instrument :
FID_D
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50 PPM AROMATIC HC STD2



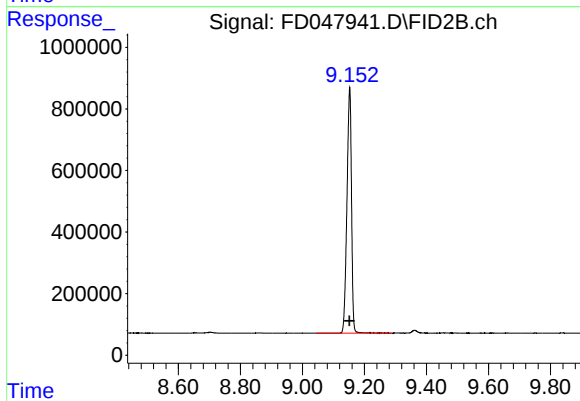
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.274 min
Delta R.T.: 0.000 min
Response: 4847322
Conc: 50.96 ug/ml



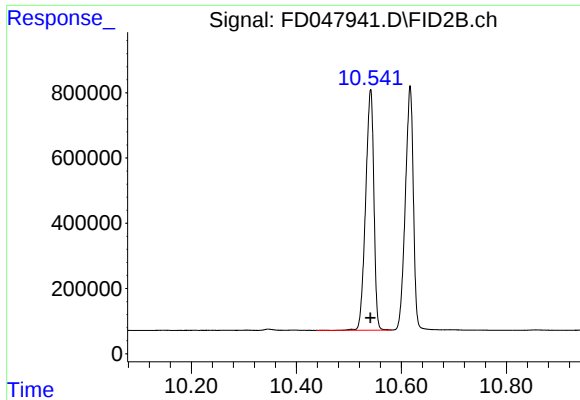
#7 Acenaphthene (C15.5)

R.T.: 8.374 min
Delta R.T.: 0.000 min
Response: 8248793
Conc: 50.84 ug/ml



#8 Fluorene (C16.55)

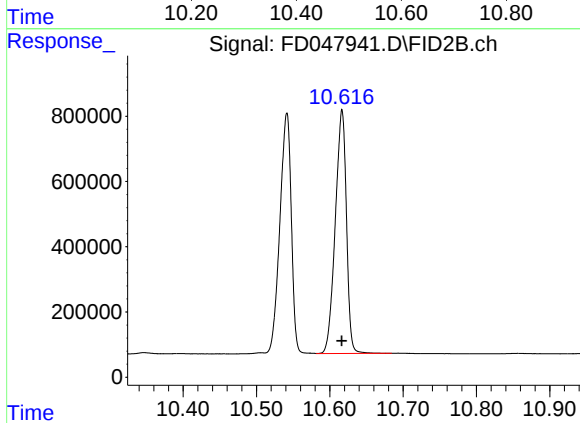
R.T.: 9.152 min
Delta R.T.: 0.000 min
Response: 8129927
Conc: 50.77 ug/ml



#9 Phenanthrene (C19.36)

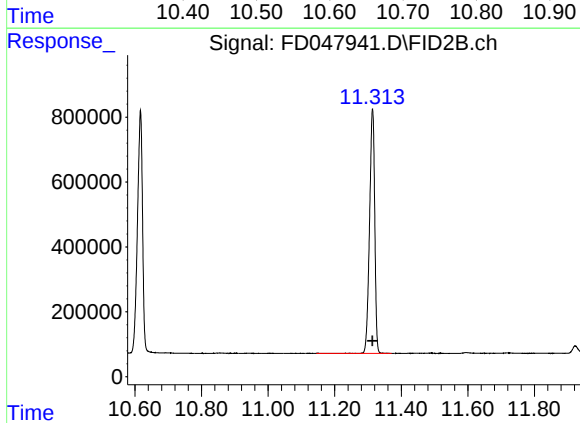
R.T.: 10.541 min
Delta R.T.: 0.000 min
Response: 8013498
Conc: 50.54 ug/ml

Instrument :
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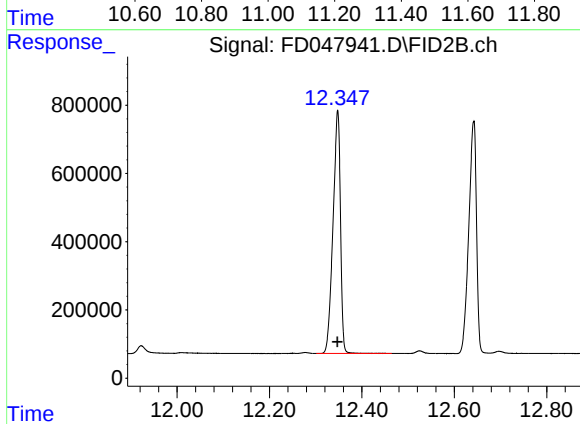
#10 Anthracene (C19.43)

R.T.: 10.616 min
Delta R.T.: 0.000 min
Response: 7894858
Conc: 50.24 ug/ml



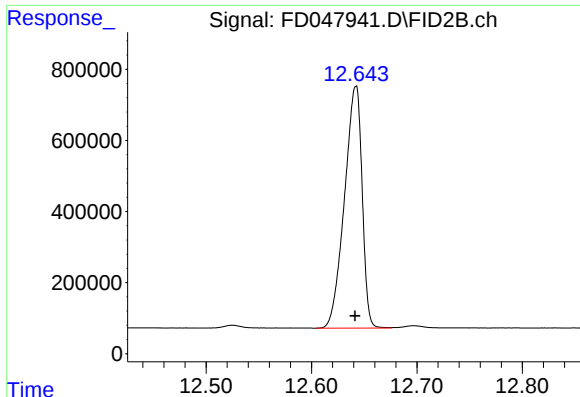
#11 ortho-Terphenyl (SURR)

R.T.: 11.314 min
Delta R.T.: 0.000 min
Response: 8124168
Conc: 50.56 ug/ml



#12 Fluoranthene (C21.85)

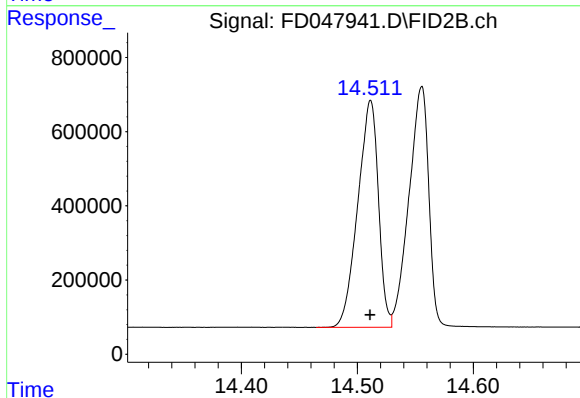
R.T.: 12.347 min
Delta R.T.: 0.000 min
Response: 7974101
Conc: 50.34 ug/ml



#13 Pyrene (C20.8)

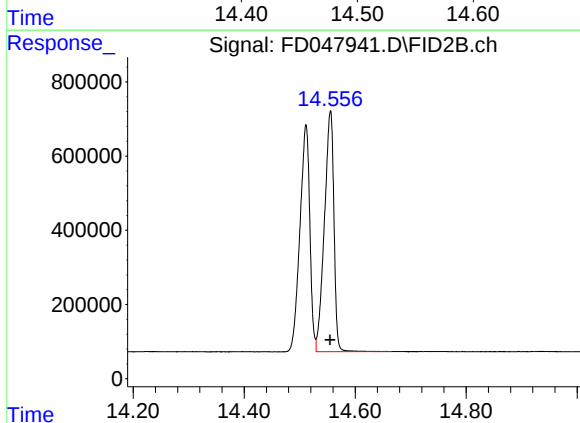
R.T.: 12.641 min
Delta R.T.: 0.000 min
Response: 7924933
Conc: 50.44 ug/ml

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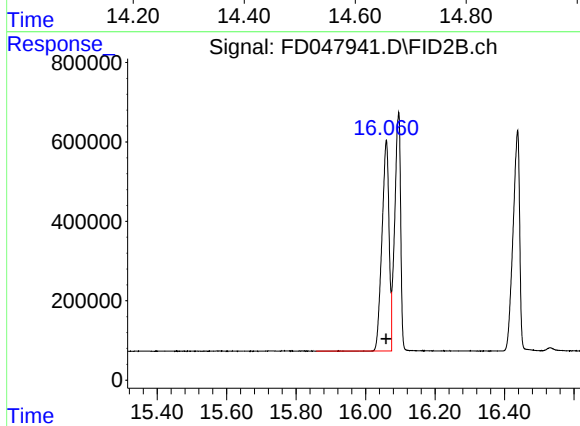
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.511 min
Delta R.T.: 0.000 min
Response: 7565450
Conc: 50.51 ug/ml



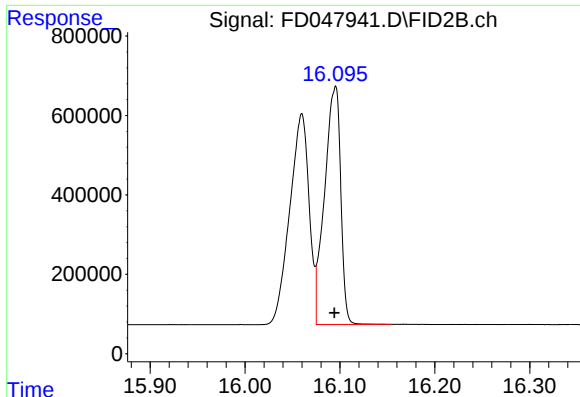
#15 Chrysene (C27.41)

R.T.: 14.555 min
Delta R.T.: 0.000 min
Response: 7738738
Conc: 50.18 ug/ml



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

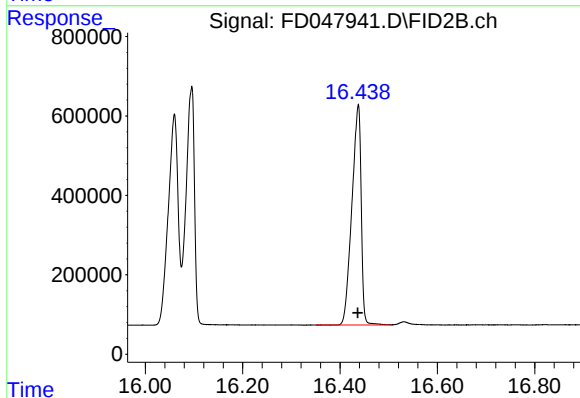
R.T.: 16.059 min
Delta R.T.: 0.000 min
Response: 7518255
Conc: 50.21 ug/ml



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

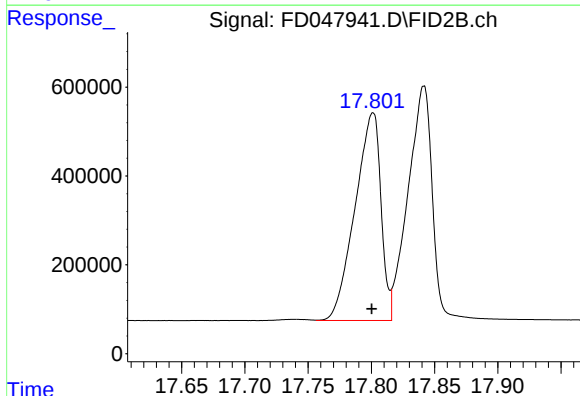
R.T.: 16.094 min
Delta R.T.: 0.000 min
Response: 7080049
Conc: 49.95 ug/ml

Instrument :
FID_D
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50 PPM AROMATIC HC STD2



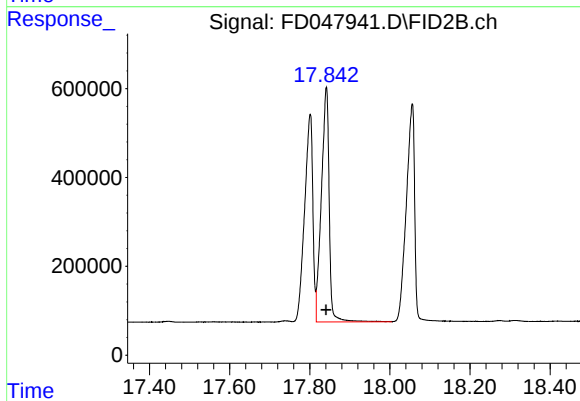
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.437 min
Delta R.T.: 0.000 min
Response: 7396089
Conc: 50.39 ug/ml



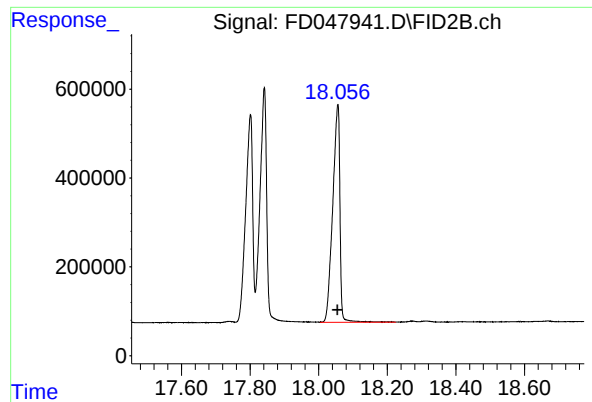
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.800 min
Delta R.T.: 0.000 min
Response: 6674191
Conc: 50.41 ug/ml



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

R.T.: 17.841 min
Delta R.T.: 0.000 min
Response: 7162306
Conc: 50.16 ug/ml



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

R.T.: 18.055 min
Delta R.T.: 0.000 min
Response: 7157820
Conc: 50.20 ug/ml

Instrument :
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