

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041025AR\
 Data File : FD049270.D
 Signal(s) : FID2B.ch
 Acq On : 10 Apr 2025 15:25
 Operator : YP/AJ
 Sample : PB167513BS
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB167513BS

Integration File: autoint1.e
 Quant Time: Apr 11 01:03:03 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 040725.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 08 05:25:12 2025
 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...	7.751	7104793	47.962 ug/ml
Spiked Amount 50.000		Recovery =	95.92%
6) S 2-Fluorobiphenyl (SURR)	8.617	4968091	48.705 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	97.41%
11) S ortho-Terphenyl (SURR)	11.658	7270035	41.264 ug/ml
Spiked Amount 50.000		Recovery =	82.53%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.543	4533934	30.257 ug/ml
2) T Naphthalene (C11.7)	6.087	5252434	32.079 ug/ml
3) T 2-Methylnaphthalene (...)	7.140	5132521	31.731 ug/ml
5) T Acenaphthylene (C15.06)	8.420	6241909	35.337 ug/ml
7) T Acenaphthene (C15.5)	8.716	6641631	38.550 ug/ml
8) T Fluorene (C16.55)	9.497	6963247	39.931 ug/ml
9) T Phenanthrene (C19.36)	10.896	7511361	43.769 ug/ml
10) T Anthracene (C19.43)	10.971	7462992	47.506 ug/ml
12) T Fluoranthene (C21.85)	12.710	7880228	46.621 ug/ml
13) T Pyrene (C20.8)	13.009	7922597	47.238 ug/ml
14) T Benzo[a]anthracene (C...	14.878	7268586	50.566 ug/ml
15) T Chrysene (C27.41)	14.923	7766084	53.821 ug/ml
16) T benzo[b]fluoranthene ...	16.429	6964167	50.058 ug/ml
17) T Bnezo[k]fluoranthene ...	16.465	6921495	50.608 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.810	6658431	51.205 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.176	6939023	56.288 ug/ml
20) T Dibenz[a,h]anthracene...	18.214	6406338	50.664 ug/ml
21) T Benzo[g,h,i]perylene ...	18.434	6532365	50.038 ug/ml

(f)=RT Delta > 1/2 Window

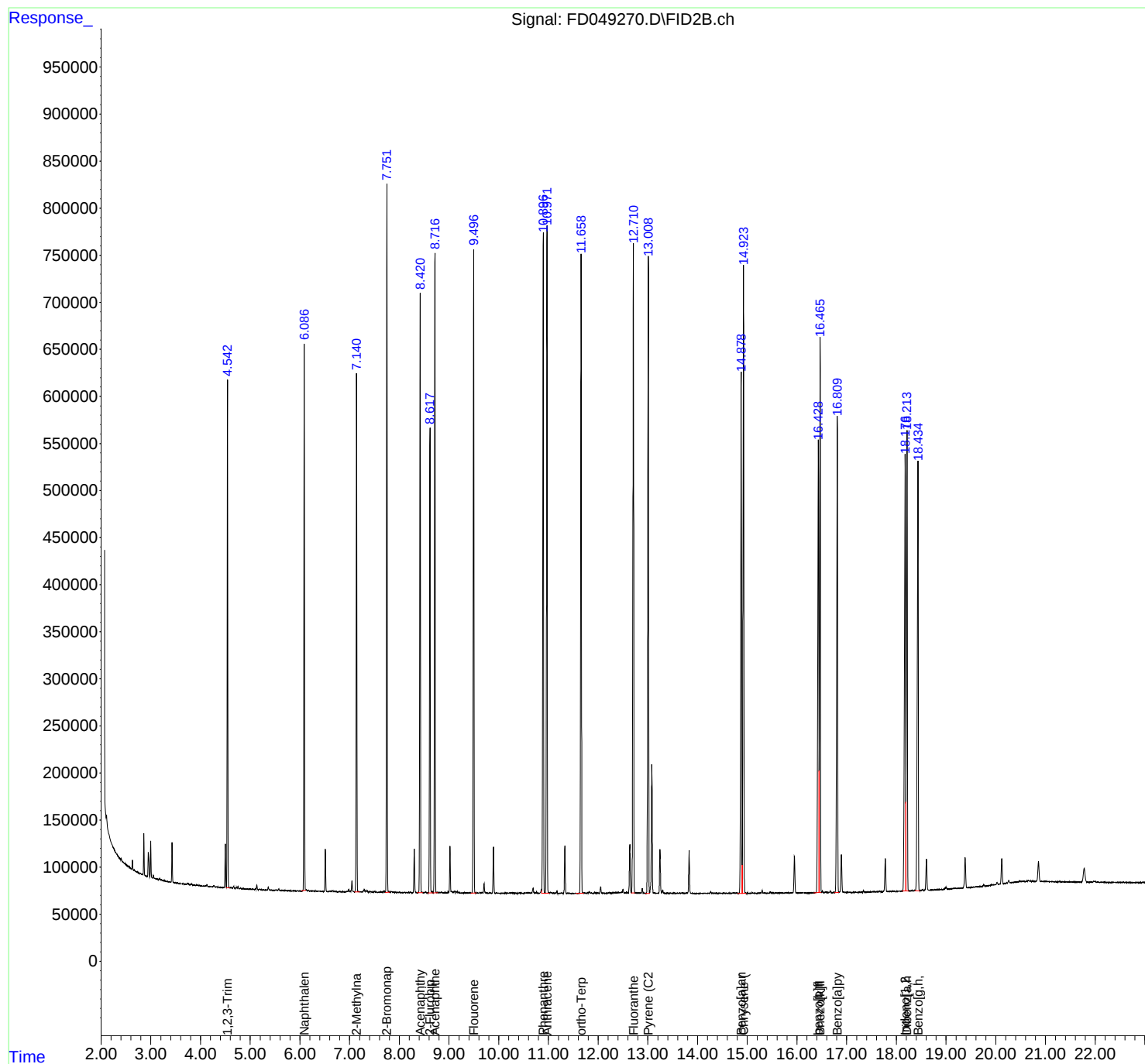
(m)=manual int.

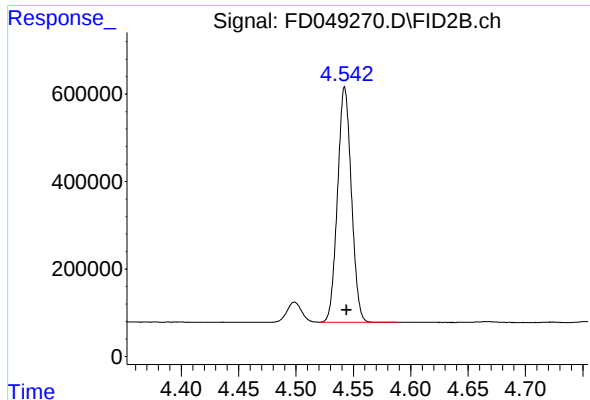
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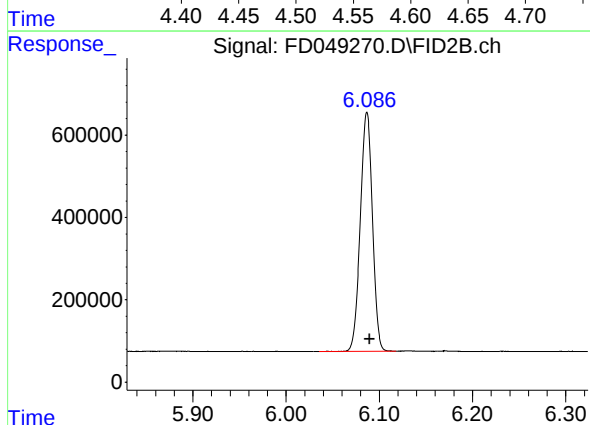




#1 1,2,3-Trimethylbenzene (C10.1)

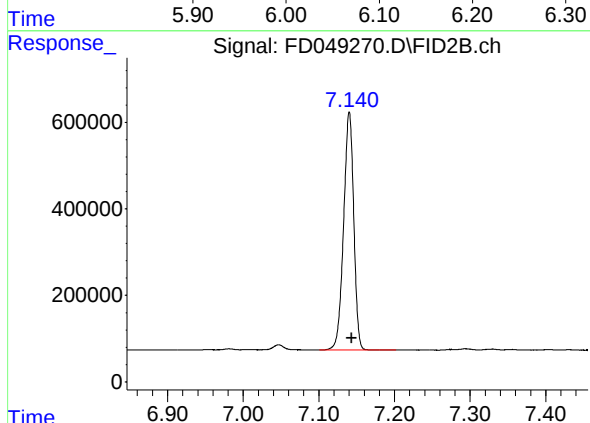
R.T.: 4.543 min
Delta R.T.: -0.001 min
Response: 4533934
Conc: 30.26 ug/ml

Instrument :
FID_D
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PB167513BS



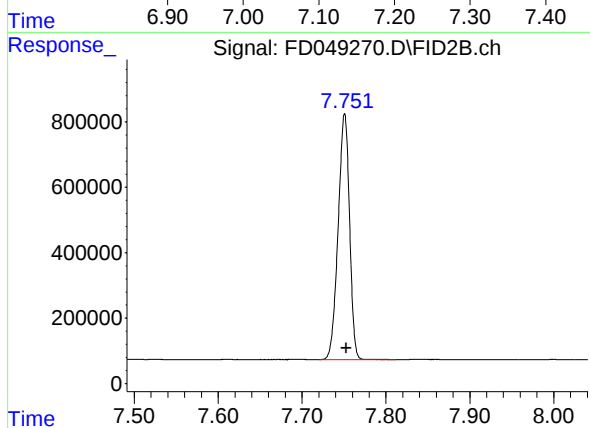
#2 Naphthalene (C11.7)

R.T.: 6.087 min
Delta R.T.: -0.003 min
Response: 5252434
Conc: 32.08 ug/ml



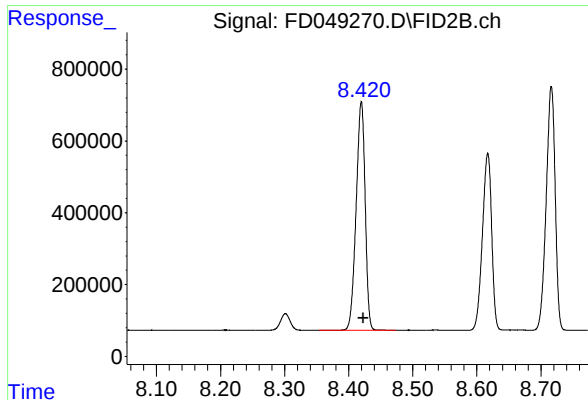
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.140 min
Delta R.T.: -0.003 min
Response: 5132521
Conc: 31.73 ug/ml



#4 2-Bromonaphthalene (SURR)

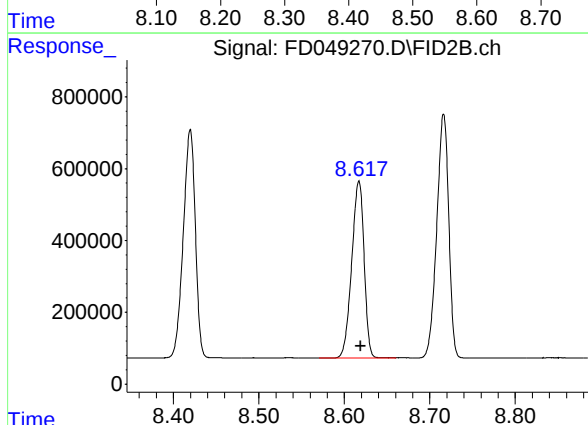
R.T.: 7.751 min
Delta R.T.: -0.002 min
Response: 7104793
Conc: 47.96 ug/ml



#5 Acenaphthylene (C15.06)

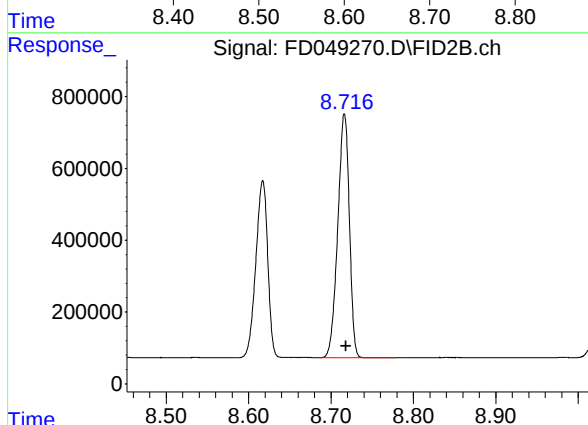
R.T.: 8.420 min
Delta R.T.: -0.003 min
Response: 6241909
Conc: 35.34 ug/ml

Instrument :
FID_D
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PB167513BS



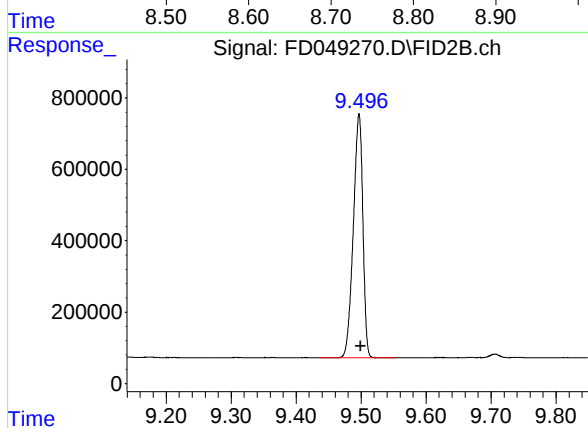
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.617 min
Delta R.T.: -0.002 min
Response: 4968091
Conc: 48.71 ug/ml



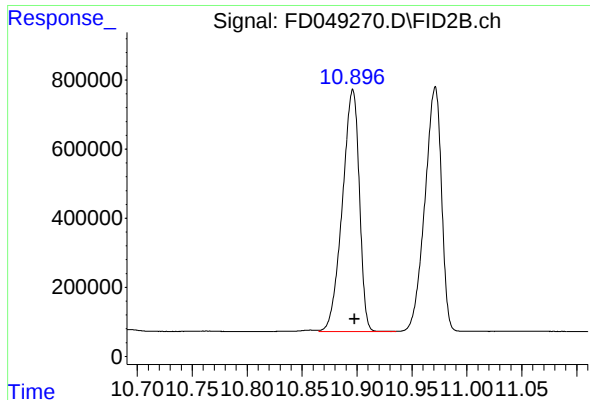
#7 Acenaphthene (C15.5)

R.T.: 8.716 min
Delta R.T.: -0.002 min
Response: 6641631
Conc: 38.55 ug/ml



#8 Fluorene (C16.55)

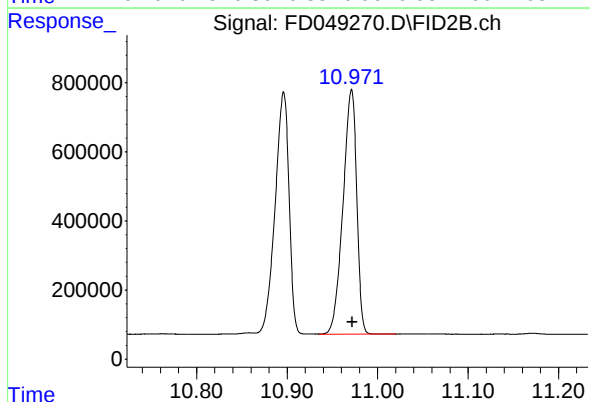
R.T.: 9.497 min
Delta R.T.: -0.002 min
Response: 6963247
Conc: 39.93 ug/ml



#9 Phenanthrene (C19.36)

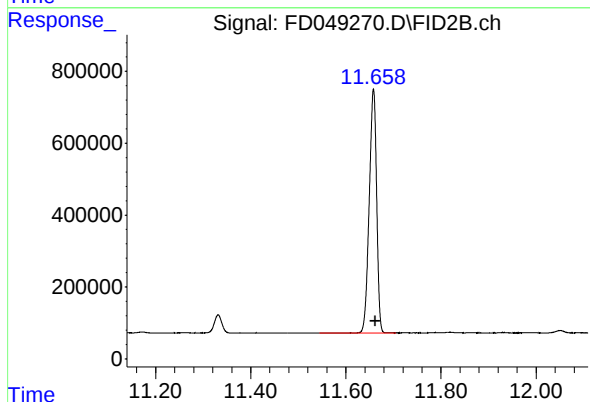
R.T.: 10.896 min
Delta R.T.: -0.002 min
Response: 7511361
Conc: 43.77 ug/ml

Instrument :
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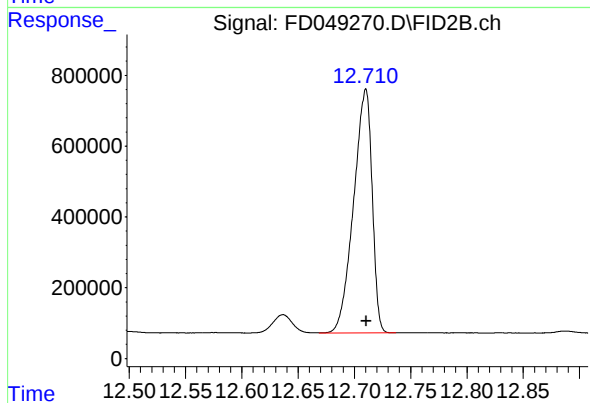
#10 Anthracene (C19.43)

R.T.: 10.971 min
Delta R.T.: 0.000 min
Response: 7462992
Conc: 47.51 ug/ml



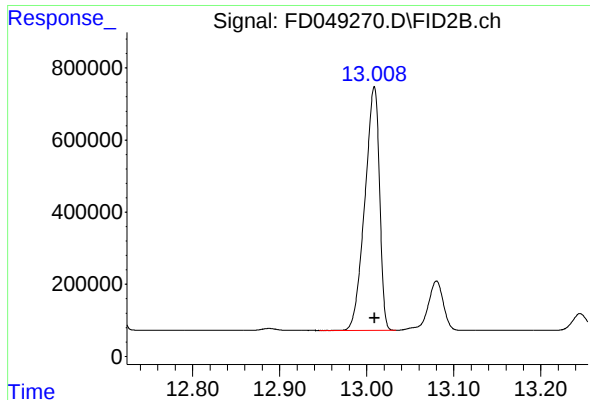
#11 ortho-Terphenyl (SURR)

R.T.: 11.658 min
Delta R.T.: -0.004 min
Response: 7270035
Conc: 41.26 ug/ml



#12 Fluoranthene (C21.85)

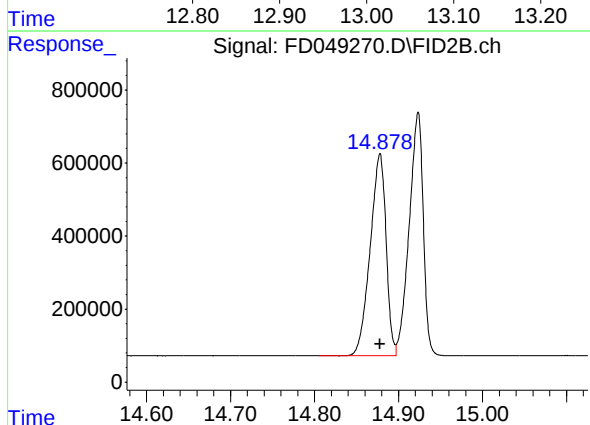
R.T.: 12.710 min
Delta R.T.: 0.000 min
Response: 7880228
Conc: 46.62 ug/ml



#13 Pyrene (C20.8)

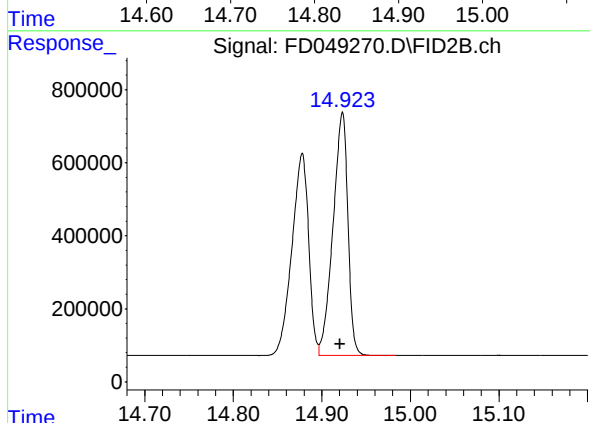
R.T.: 13.009 min
Delta R.T.: 0.000 min
Response: 7922597
Conc: 47.24 ug/ml

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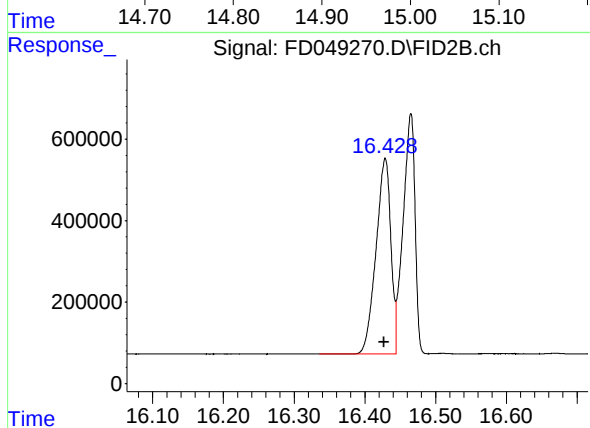
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.878 min
Delta R.T.: 0.000 min
Response: 7268586
Conc: 50.57 ug/ml



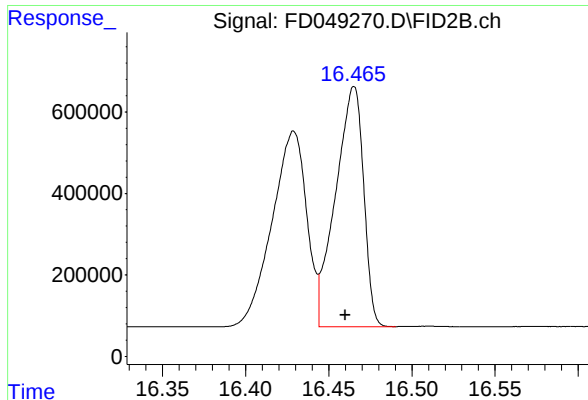
#15 Chrysene (C27.41)

R.T.: 14.923 min
Delta R.T.: 0.003 min
Response: 7766084
Conc: 53.82 ug/ml



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

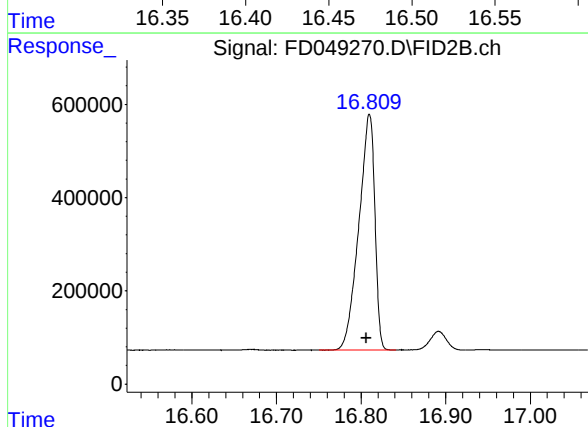
R.T.: 16.429 min
Delta R.T.: 0.002 min
Response: 6964167
Conc: 50.06 ug/ml



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

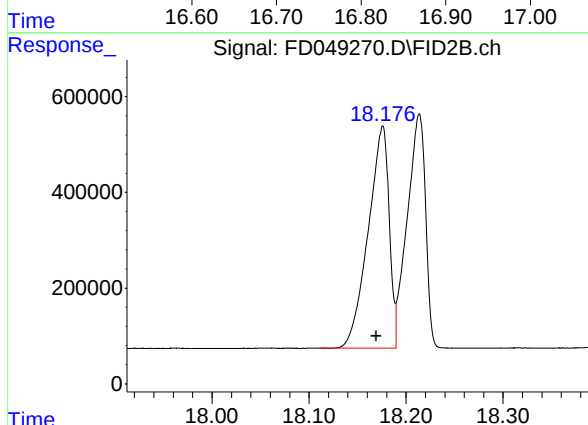
R.T.: 16.465 min
Delta R.T.: 0.005 min
Response: 6921495
Conc: 50.61 ug/ml

Instrument :
FID_D
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PB167513BS



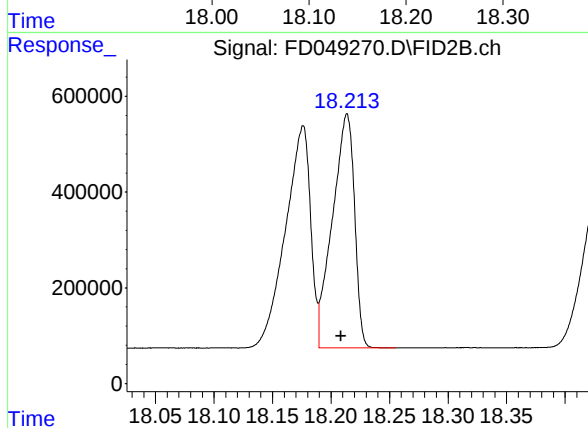
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.810 min
Delta R.T.: 0.004 min
Response: 6658431
Conc: 51.20 ug/ml



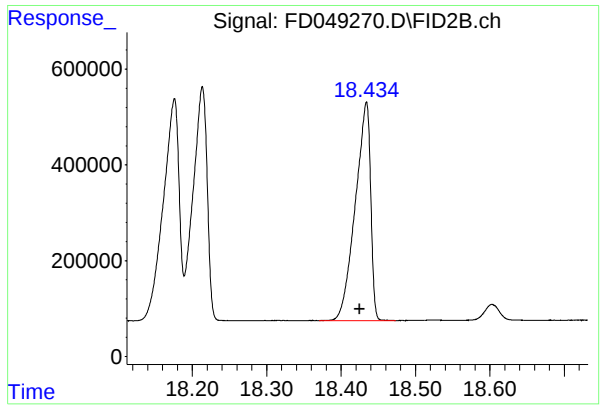
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.176 min
Delta R.T.: 0.007 min
Response: 6939023
Conc: 56.29 ug/ml



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

R.T.: 18.214 min
Delta R.T.: 0.005 min
Response: 6406338
Conc: 50.66 ug/ml



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

R.T.: 18.434 min
Delta R.T.: 0.009 min
Response: 6532365
Conc: 50.04 ug/ml

Instrument :

FID_D

ClientSampleId :

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