

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061724AR\
 Data File : FD047944.D
 Signal(s) : FID2B.ch
 Acq On : 17 Jun 2024 13:05
 Operator : YP/AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Integration File: autoint1.e
 Quant Time: Jun 17 13:46:18 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061724.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 17 13:46:09 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...	7.421	746612	5.134 ug/ml
Spiked Amount 50.000		Recovery =	10.27%
6) S 2-Fluorobiphenyl (SURR)	8.273	479968	4.927 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	9.85%
11) S ortho-Terphenyl (SURR)	11.308	884105	5.261 ug/ml
Spiked Amount 50.000		Recovery =	10.52%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.238	828200	5.153 ug/ml
2) T Naphthalene (C11.7)	5.761	869192	5.133 ug/ml
3) T 2-Methylnaphthalene (...)	6.808	903133	5.245 ug/ml
5) T Acenaphthylene (C15.06)	8.074	863521	5.142 ug/mlm
7) T Acenaphthene (C15.5)	8.368	880508	5.195 ug/ml
8) T Flouorene (C16.55)	9.148	855757	5.154 ug/ml
9) T Phenanthrene (C19.36)	10.536	826579	5.049 ug/ml
10) T Anthracene (C19.43)	10.611	808061	4.968 ug/ml
12) T Fluoranthene (C21.85)	12.341	850658	5.166 ug/ml
13) T Pyrene (C20.8)	12.634	845105	5.183 ug/ml
14) T Benzo[a]anthracene (C...	14.504	766443	4.996 ug/ml
15) T Chrysene (C27.41)	14.544	886185	5.419 ug/ml
16) T benzo[b]fluoranthene ...	16.049	767671	4.996 ug/ml
17) T Bnezo[k]fluoranthene ...	16.081	794638	5.305 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.429	788871	5.177 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.791	619315	4.710 ug/ml
20) T Dibenz[a,h]anthracene...	17.834	941362	5.944 ug/ml
21) T Benzo[g,h,i]perylene ...	18.039	795286	5.290 ug/ml

(f)=RT Delta > 1/2 Window

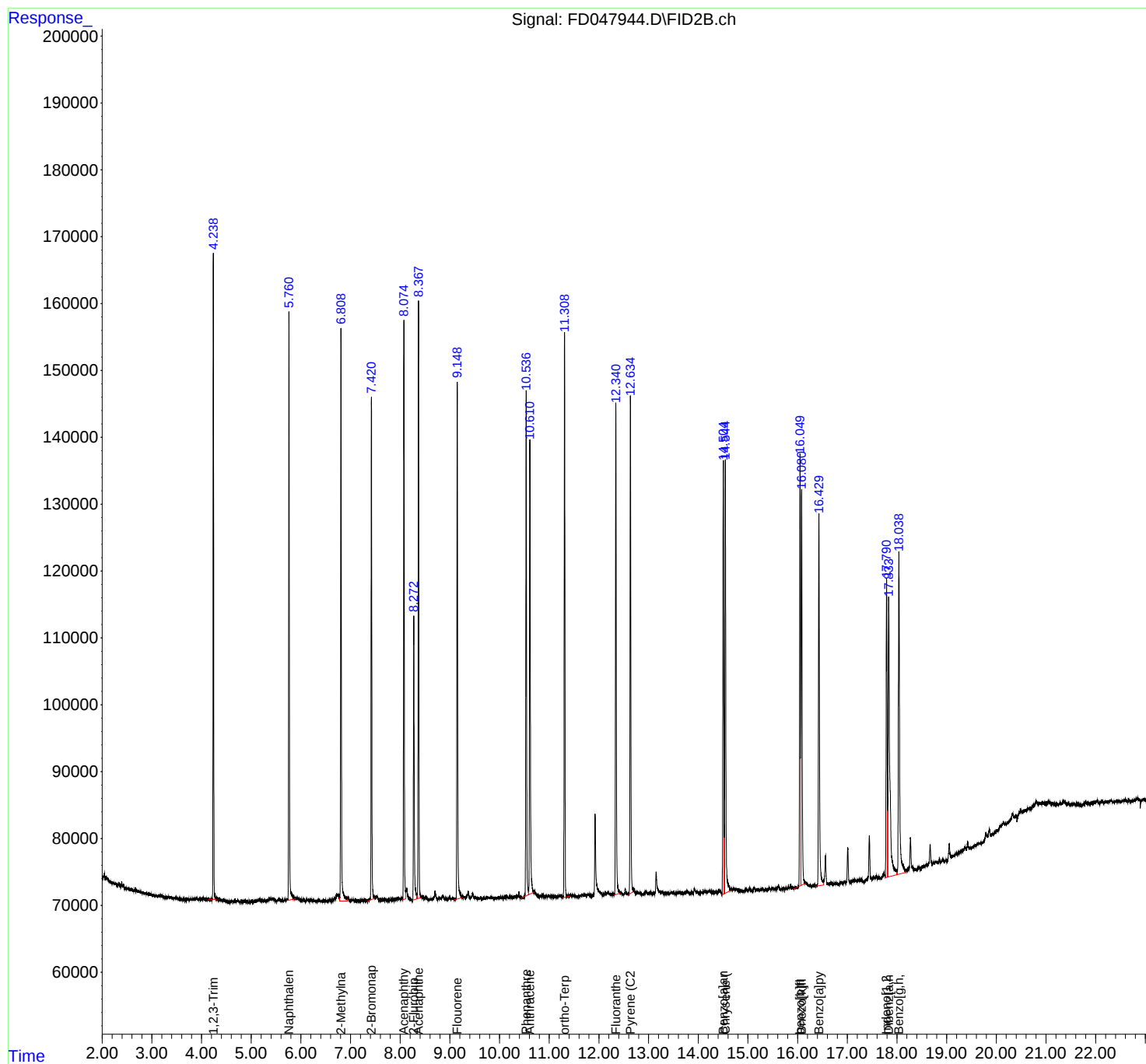
(m)=manual int.

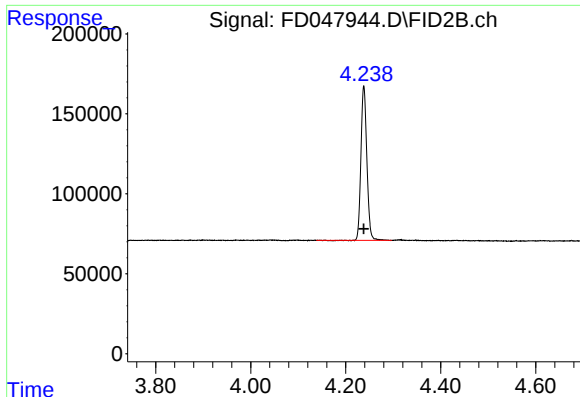
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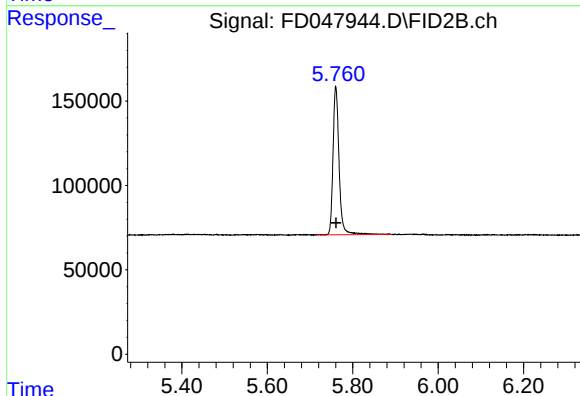




#1 1,2,3-Trimethylbenzene (C10.1)

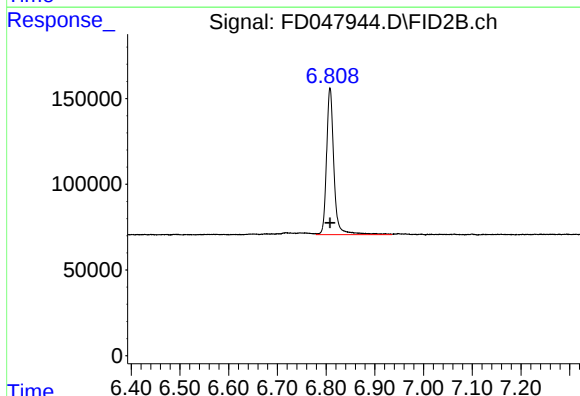
R.T.: 4.238 min
Delta R.T.: 0.000 min
Response: 828200
Conc: 5.15 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



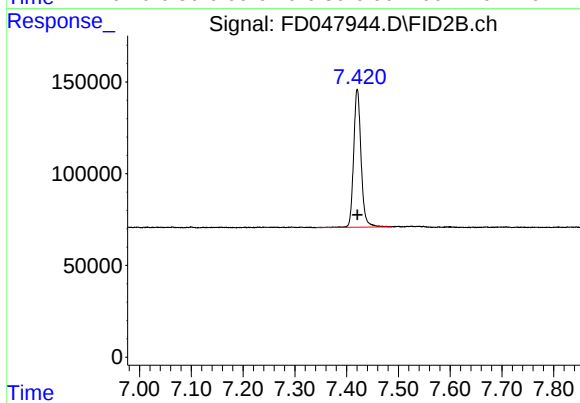
#2 Naphthalene (C11.7)

R.T.: 5.761 min
Delta R.T.: 0.000 min
Response: 869192
Conc: 5.13 ug/ml



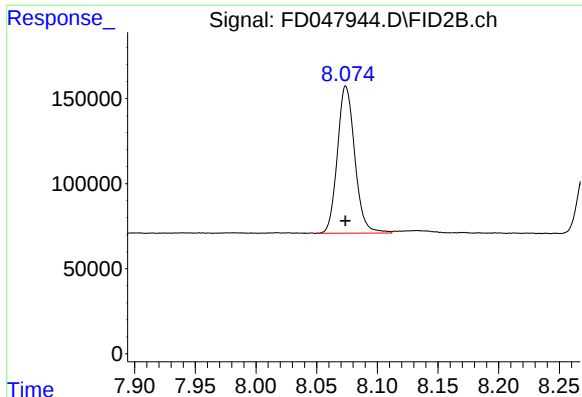
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.808 min
Delta R.T.: 0.000 min
Response: 903133
Conc: 5.24 ug/ml



#4 2-Bromonaphthalene (SURR)

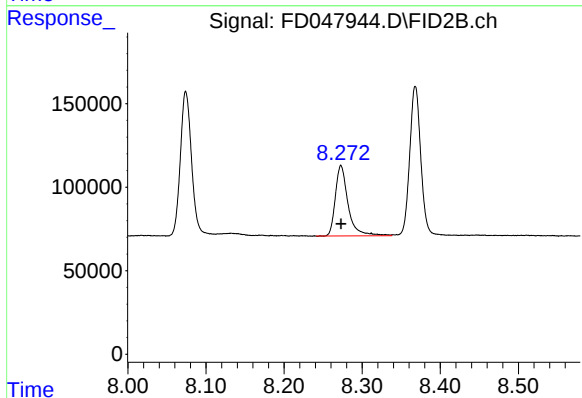
R.T.: 7.421 min
Delta R.T.: 0.000 min
Response: 746612
Conc: 5.13 ug/ml



#5 Acenaphthylene (C15.06)

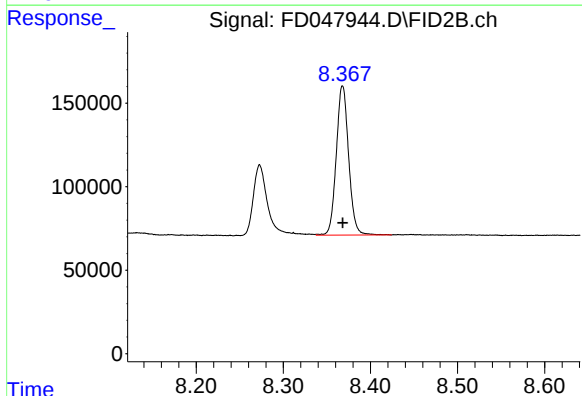
R.T.: 8.074 min
Delta R.T.: 0.000 min
Response: 863521
Conc: 5.14 ug/ml

Instrument :
FID_D
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5 PPM AROMATIC HC STD5



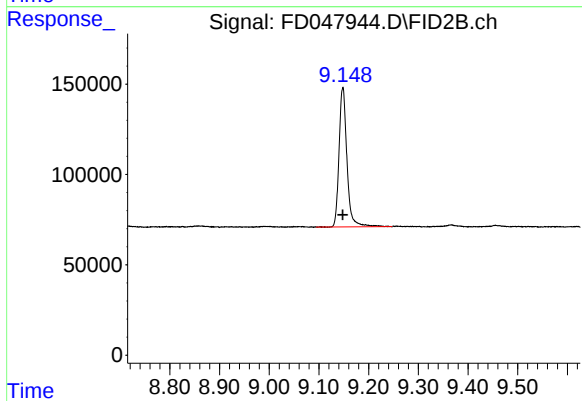
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.273 min
Delta R.T.: 0.000 min
Response: 479968
Conc: 4.93 ug/ml



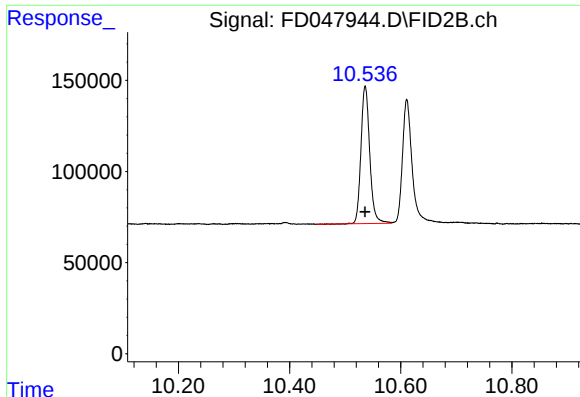
#7 Acenaphthene (C15.5)

R.T.: 8.368 min
Delta R.T.: 0.000 min
Response: 880508
Conc: 5.19 ug/ml



#8 Fluorene (C16.55)

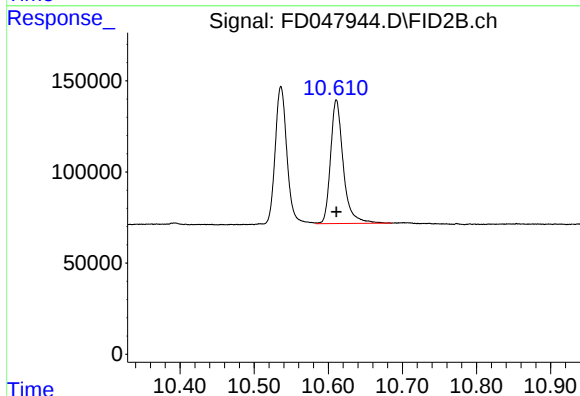
R.T.: 9.148 min
Delta R.T.: 0.000 min
Response: 855757
Conc: 5.15 ug/ml



#9 Phenanthrene (C19.36)

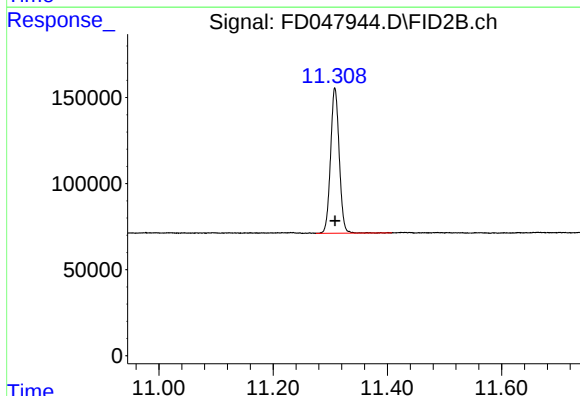
R.T.: 10.536 min
Delta R.T.: 0.000 min
Response: 826579
Conc: 5.05 ug/ml

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5 PPM AROMATIC HC STD5



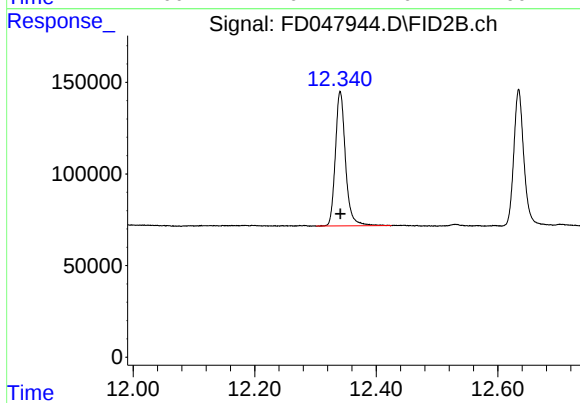
#10 Anthracene (C19.43)

R.T.: 10.611 min
Delta R.T.: 0.000 min
Response: 808061
Conc: 4.97 ug/ml



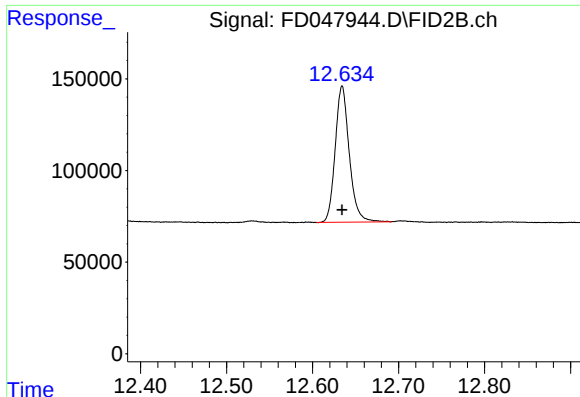
#11 ortho-Terphenyl (SURR)

R.T.: 11.308 min
Delta R.T.: 0.000 min
Response: 884105
Conc: 5.26 ug/ml



#12 Fluoranthene (C21.85)

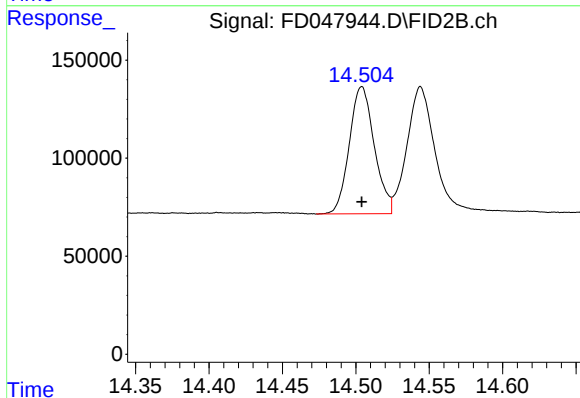
R.T.: 12.341 min
Delta R.T.: 0.000 min
Response: 850658
Conc: 5.17 ug/ml



#13 Pyrene (C20.8)

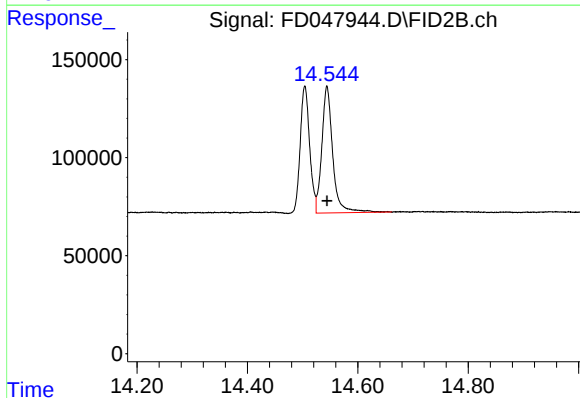
R.T.: 12.634 min
Delta R.T.: 0.000 min
Response: 845105
Conc: 5.18 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



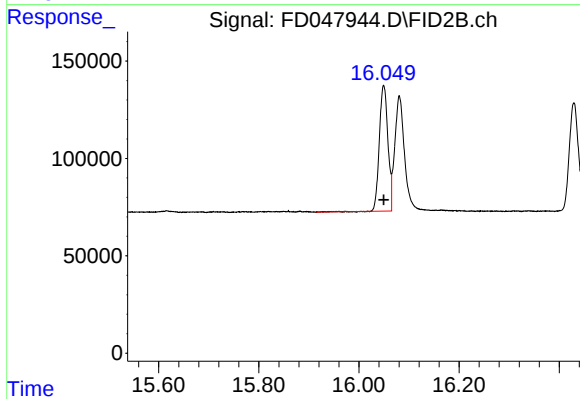
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.504 min
Delta R.T.: 0.000 min
Response: 766443
Conc: 5.00 ug/ml



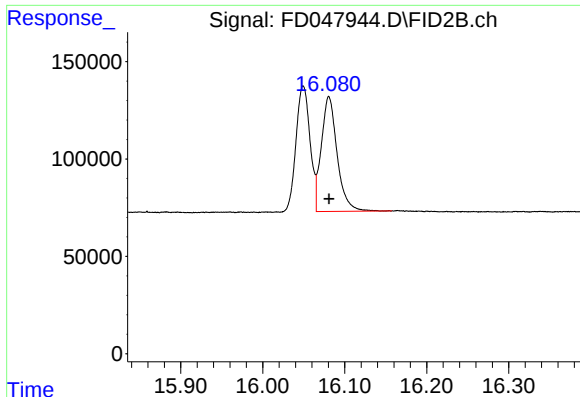
#15 Chrysene (C27.41)

R.T.: 14.544 min
Delta R.T.: 0.000 min
Response: 886185
Conc: 5.42 ug/ml



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

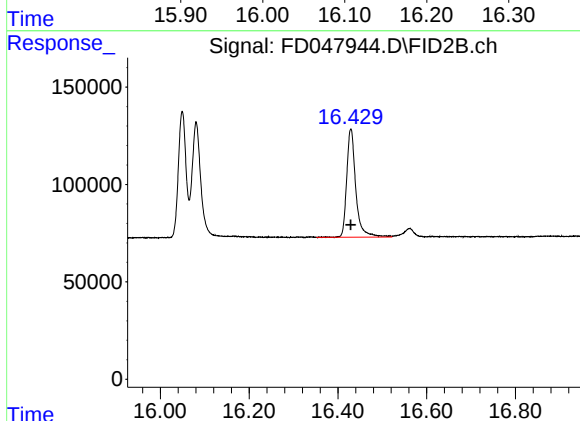
R.T.: 16.049 min
Delta R.T.: 0.000 min
Response: 767671
Conc: 5.00 ug/ml



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

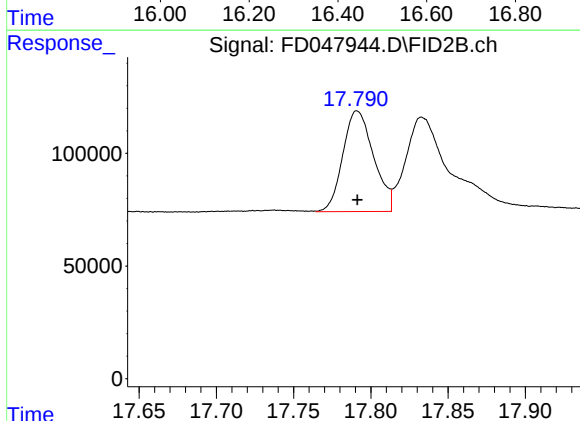
R.T.: 16.081 min
Delta R.T.: 0.000 min
Response: 794638
Conc: 5.31 ug/ml

Instrument :
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5 PPM AROMATIC HC STD5



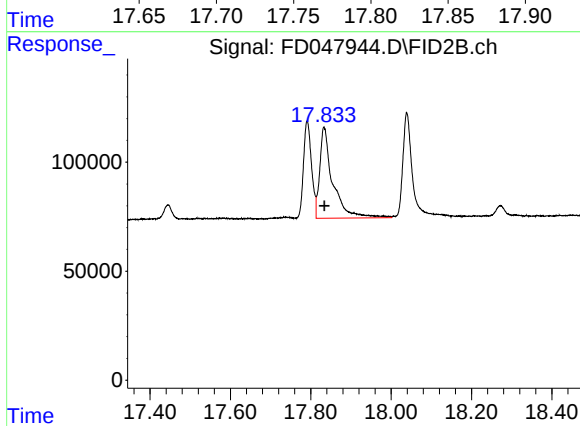
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.429 min
Delta R.T.: 0.000 min
Response: 788871
Conc: 5.18 ug/ml



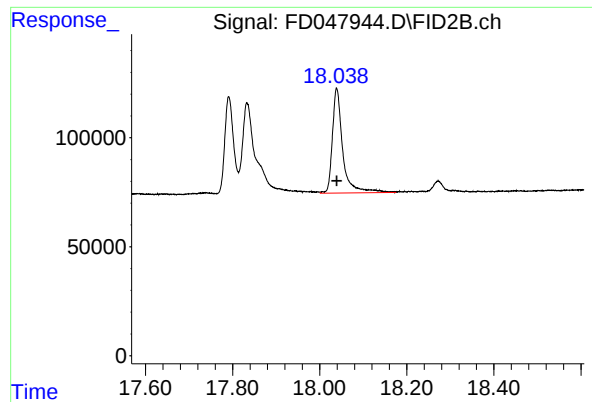
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.791 min
Delta R.T.: 0.000 min
Response: 619315
Conc: 4.71 ug/ml



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

R.T.: 17.834 min
Delta R.T.: 0.000 min
Response: 941362
Conc: 5.94 ug/ml



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

R.T.: 18.039 min
Delta R.T.: 0.000 min
Response: 795286
Conc: 5.29 ug/ml

Instrument :

FID_D

ClientSampleId :

5 PPM AROMATIC HC STD5