

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD093024AR\
 Data File : FD048402.D
 Signal(s) : FID2B.ch
 Acq On : 30 Sep 2024 13:35
 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: Sep 30 14:16:46 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 093024.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 30 14:16:33 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...	7.384	962842	5.815 ug/ml
Spiked Amount 50.000		Recovery =	11.63%
6) S 2-Fluorobiphenyl (SURR)	8.239	508479	4.903 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	9.81%
11) S ortho-Terphenyl (SURR)	11.266	990050	5.381 ug/ml
Spiked Amount 50.000		Recovery =	10.76%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.204	900690	5.139 ug/ml
2) T Naphthalene (C11.7)	5.725	984293	5.272 ug/ml
3) T 2-Methylnaphthalene (...)	6.772	993261	5.256 ug/ml
5) T Acenaphthylene (C15.06)	8.035	1069085	5.573 ug/ml
7) T Acenaphthene (C15.5)	8.328	1037231	5.483 ug/ml
8) T Fluorene (C16.55)	9.111	932385	5.161 ug/ml
9) T Phenanthrene (C19.36)	10.497	899656	5.076 ug/ml
10) T Anthracene (C19.43)	10.575	925856	5.203 ug/ml
12) T Fluoranthene (C21.85)	12.301	963834	5.329 ug/ml
13) T Pyrene (C20.8)	12.593	968145	5.407 ug/ml
14) T Benzo[a]anthracene (C...	14.464	729221	4.563 ug/ml
15) T Chrysene (C27.41)	14.502	1076419	5.771 ug/ml
16) T benzo[b]fluoranthene ...	16.008	811870	4.875 ug/ml
17) T Bnezo[k]fluoranthene ...	16.040	969266	5.710 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.393	799268	4.890 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.760	556571	4.231 ug/ml
20) T Dibenz[a,h]anthracene...	17.806	921954	5.510 ug/ml
21) T Benzo[g,h,i]perylene ...	18.001	868643	5.348 ug/ml

(f)=RT Delta > 1/2 Window

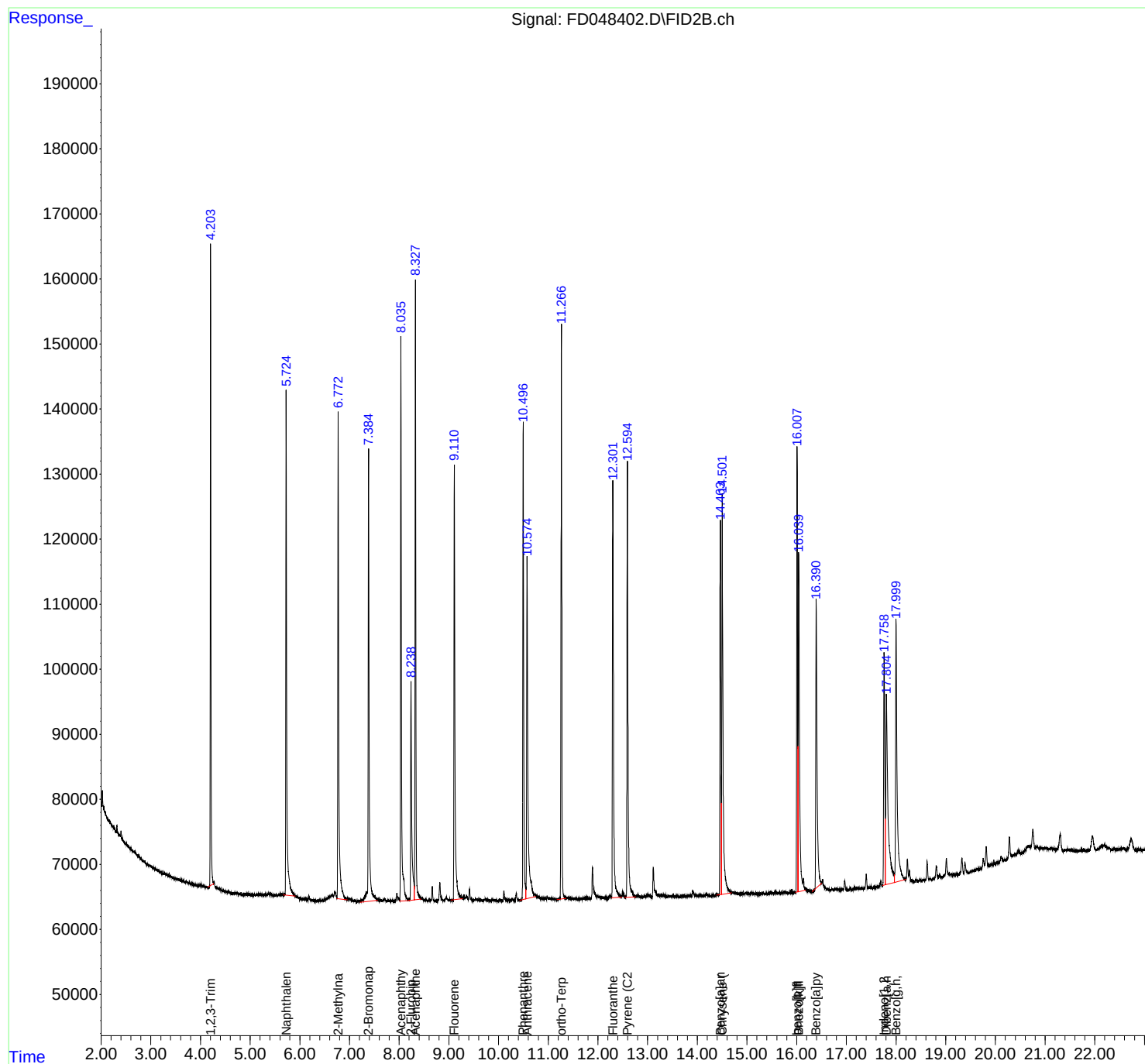
(m)=manual int.

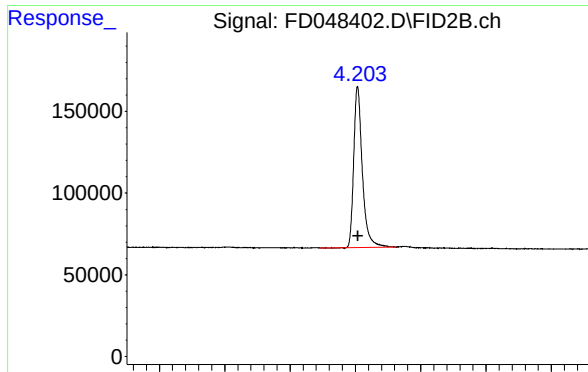
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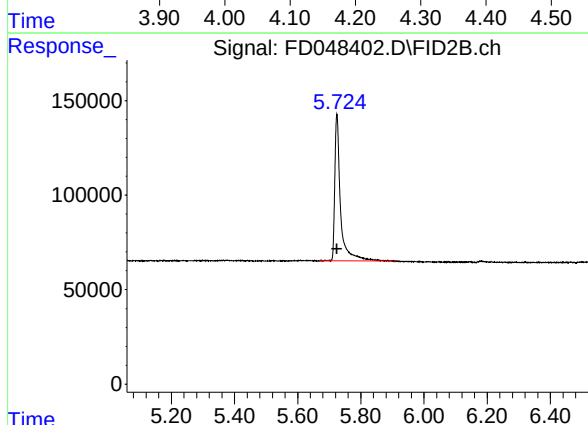




#1 1,2,3-Trimethylbenzene (C10.1)

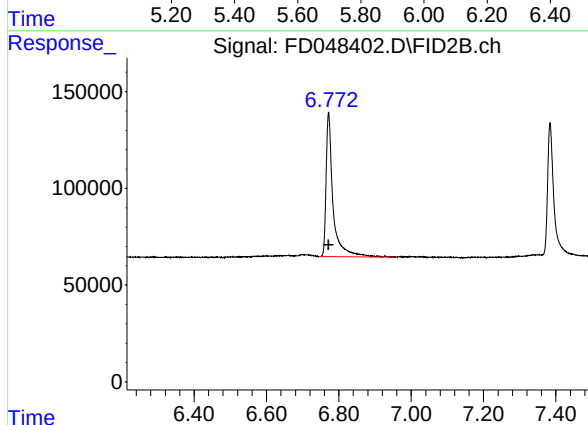
R.T.: 4.204 min
Delta R.T.: 0.000 min
Response: 900690
Conc: 5.14 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



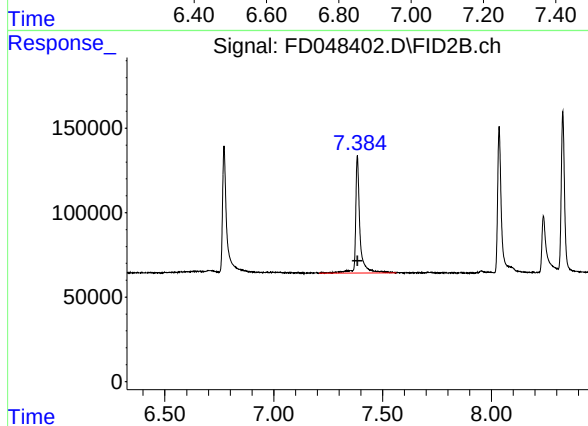
#2 Naphthalene (C11.7)

R.T.: 5.725 min
Delta R.T.: 0.000 min
Response: 984293
Conc: 5.27 ug/ml



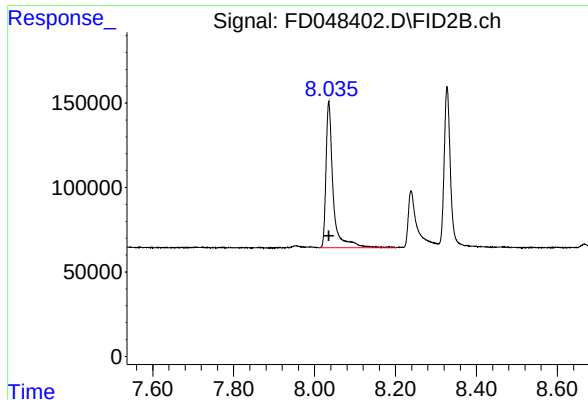
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.772 min
Delta R.T.: 0.000 min
Response: 993261
Conc: 5.26 ug/ml



#4 2-Bromonaphthalene (SURR)

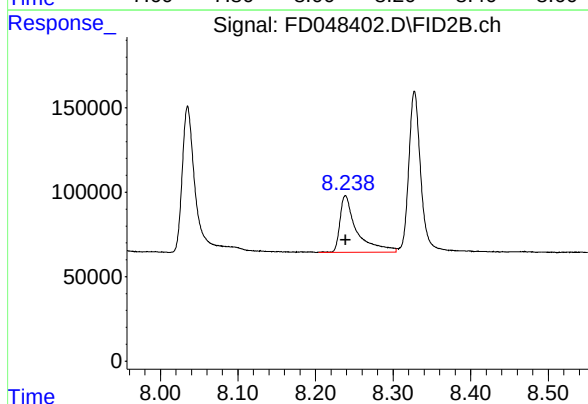
R.T.: 7.384 min
Delta R.T.: 0.000 min
Response: 962842
Conc: 5.82 ug/ml



#5 Acenaphthylene (C15.06)

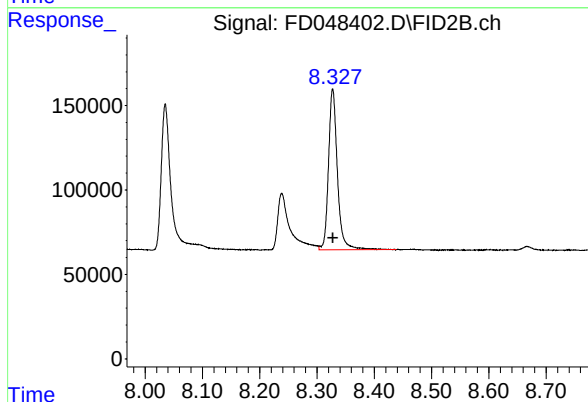
R.T.: 8.035 min
Delta R.T.: 0.000 min
Response: 1069085
Conc: 5.57 ug/ml

Instrument :
FID_D
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5 PPM AROMATIC HC STD5



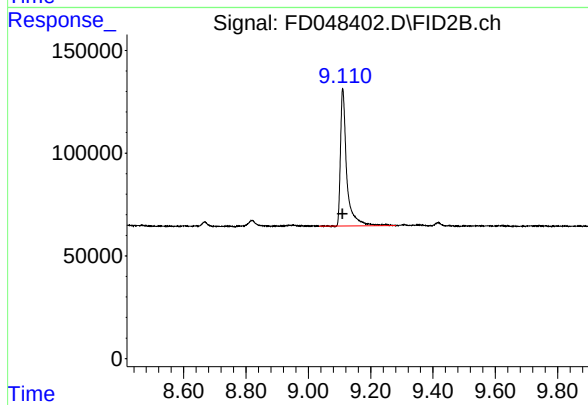
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.239 min
Delta R.T.: 0.000 min
Response: 508479
Conc: 4.90 ug/ml



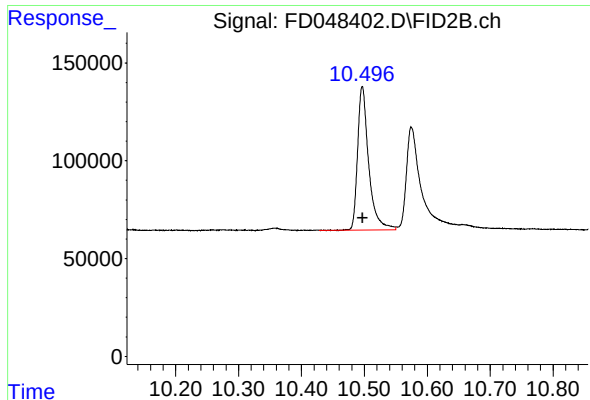
#7 Acenaphthene (C15.5)

R.T.: 8.328 min
Delta R.T.: 0.000 min
Response: 1037231
Conc: 5.48 ug/ml



#8 Flouorene (C16.55)

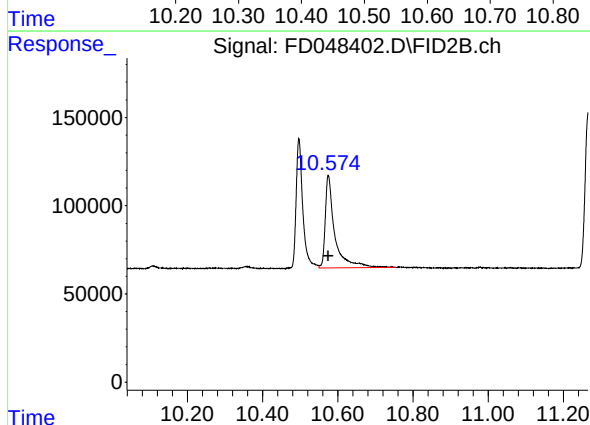
R.T.: 9.111 min
Delta R.T.: 0.000 min
Response: 932385
Conc: 5.16 ug/ml



#9 Phenanthrene (C19.36)

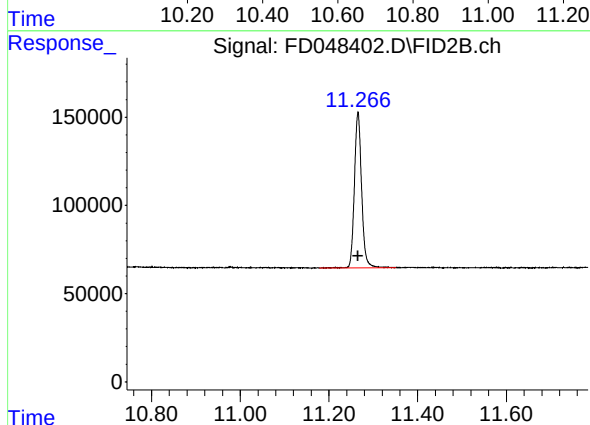
R.T.: 10.497 min
Delta R.T.: 0.000 min
Response: 899656
Conc: 5.08 ug/ml

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5 PPM AROMATIC HC STD5



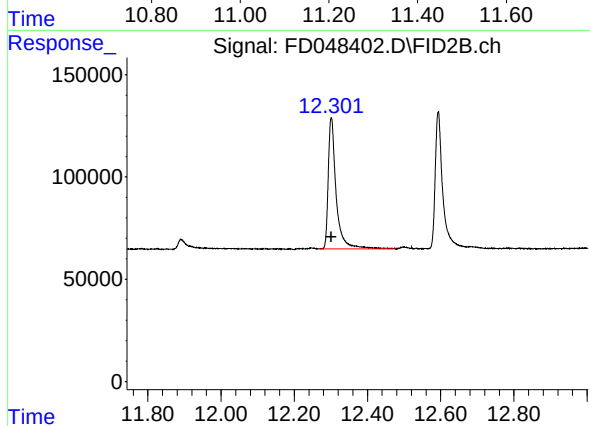
#10 Anthracene (C19.43)

R.T.: 10.575 min
Delta R.T.: 0.000 min
Response: 925856
Conc: 5.20 ug/ml



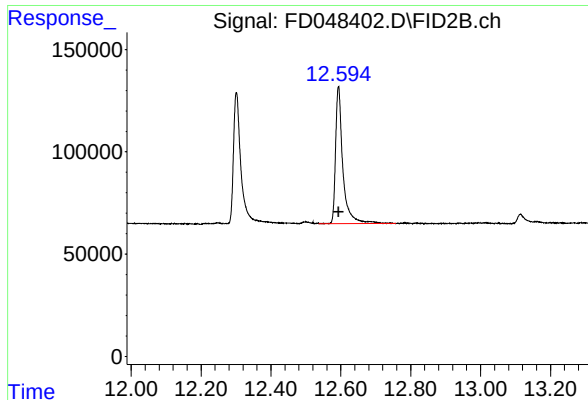
#11 ortho-Terphenyl (SURR)

R.T.: 11.266 min
Delta R.T.: 0.000 min
Response: 990050
Conc: 5.38 ug/ml



#12 Fluoranthene (C21.85)

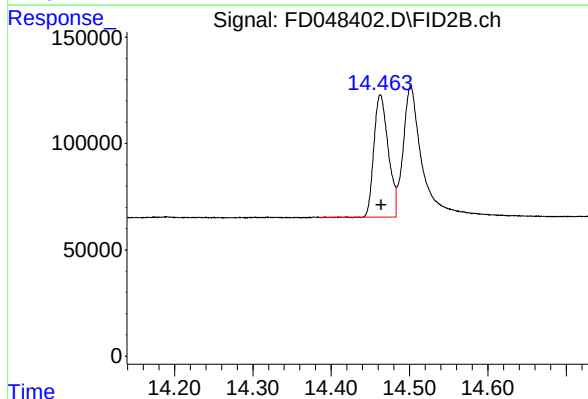
R.T.: 12.301 min
Delta R.T.: 0.000 min
Response: 963834
Conc: 5.33 ug/ml



#13 Pyrene (C20.8)

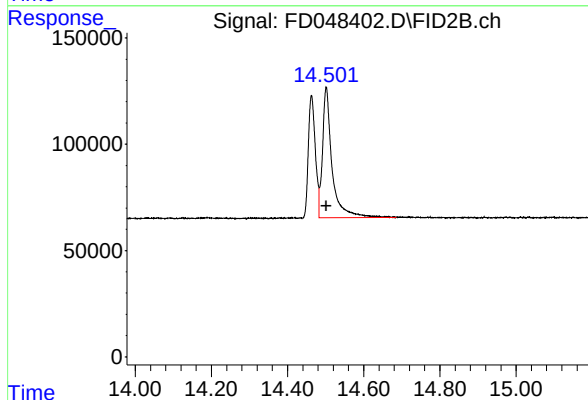
R.T.: 12.593 min
Delta R.T.: 0.000 min
Response: 968145
Conc: 5.41 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



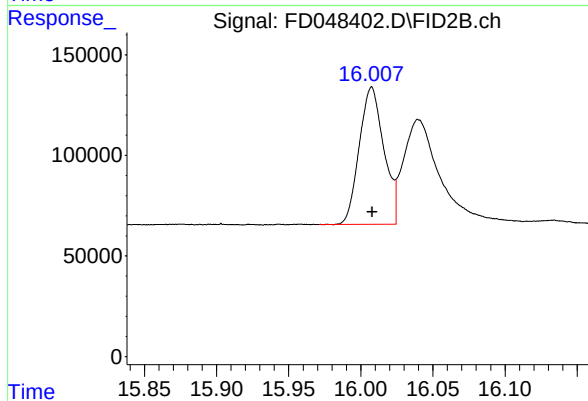
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.464 min
Delta R.T.: 0.000 min
Response: 729221
Conc: 4.56 ug/ml



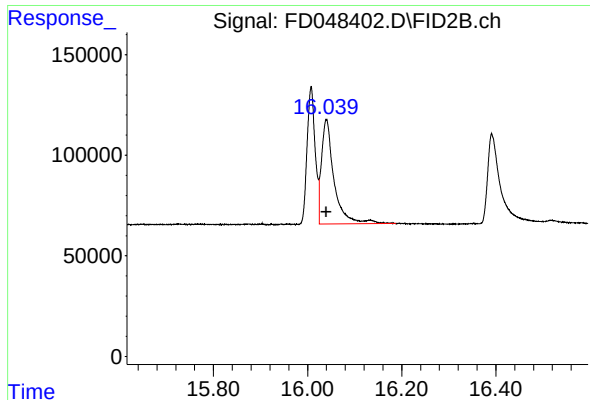
#15 Chrysene (C27.41)

R.T.: 14.502 min
Delta R.T.: 0.000 min
Response: 1076419
Conc: 5.77 ug/ml



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

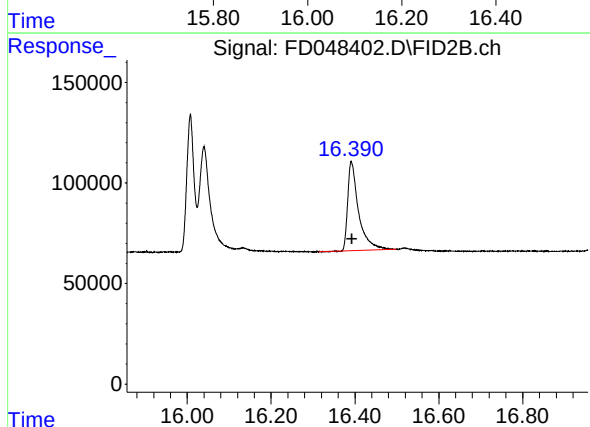
R.T.: 16.008 min
Delta R.T.: 0.000 min
Response: 811870
Conc: 4.87 ug/ml



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

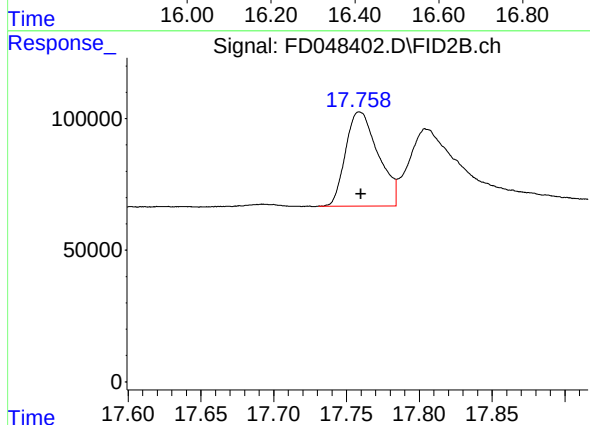
R.T.: 16.040 min
Delta R.T.: 0.000 min
Response: 969266
Conc: 5.71 ug/ml

Instrument :
FID_D
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5 PPM AROMATIC HC STD5



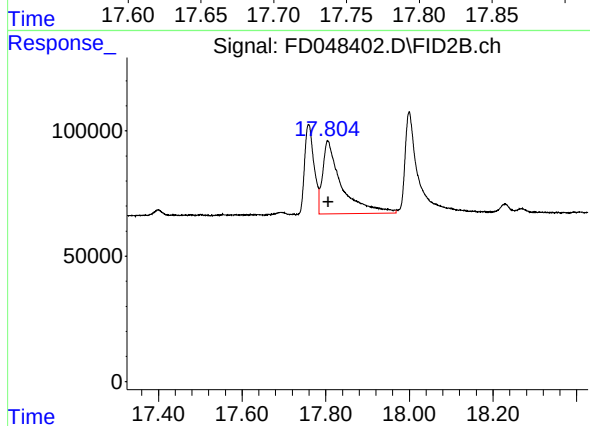
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.393 min
Delta R.T.: 0.000 min
Response: 799268
Conc: 4.89 ug/ml



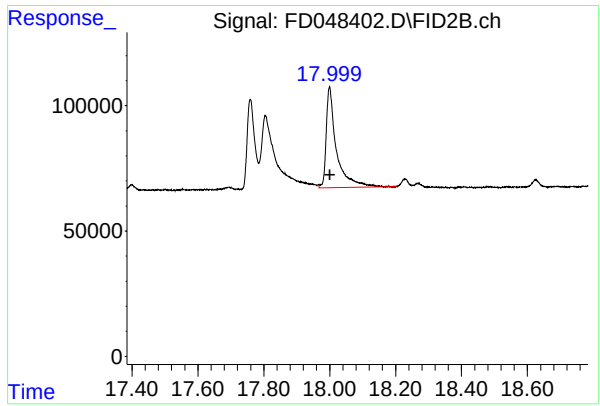
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.760 min
Delta R.T.: 0.000 min
Response: 556571
Conc: 4.23 ug/ml



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

R.T.: 17.806 min
Delta R.T.: 0.000 min
Response: 921954
Conc: 5.51 ug/ml



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

R.T.: 18.001 min
Delta R.T.: 0.000 min
Response: 868643
Conc: 5.35 ug/ml

Instrument :

FID_D

ClientSampleId :

5 PPM AROMATIC HC STD5