

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121024AR\
 Data File : FD048863.D
 Signal(s) : FID2B.ch
 Acq On : 10 Dec 2024 03:35
 Operator : YP/AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 72 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e
 Quant Time: Dec 10 06:01:10 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 121024.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 10 05:59:54 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...	7.364	8039257	47.454 ug/ml
Spiked Amount 50.000		Recovery =	94.91%
6) S 2-Fluorobiphenyl (SURR)	8.214	5291629	49.534 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	99.07%
11) S ortho-Terphenyl (SURR)	11.250	8496175	47.441 ug/ml
Spiked Amount 50.000		Recovery =	94.88%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.187	9057209	47.671 ug/ml
2) T Naphthalene (C11.7)	5.705	9250047	47.377 ug/ml
3) T 2-Methylnaphthalene (...)	6.751	8909043	47.902 ug/ml
5) T Acenaphthylene (C15.06)	8.018	8950507	47.757 ug/ml
7) T Acenaphthene (C15.5)	8.313	8854507	47.788 ug/ml
8) T Fluorene (C16.55)	9.091	8747897	48.259 ug/ml
9) T Phenanthrene (C19.36)	10.478	8237835	48.835 ug/ml
10) T Anthracene (C19.43)	10.554	8241212	48.074 ug/ml
12) T Fluoranthene (C21.85)	12.283	7953997	47.949 ug/ml
13) T Pyrene (C20.8)	12.576	7863607	48.425 ug/ml
14) T Benzo[a]anthracene (C...	14.446	7072378	50.784 ug/ml
15) T Chrysene (C27.41)	14.488	7315160	46.341 ug/ml
16) T benzo[b]fluoranthene ...	15.994	6901644	49.443 ug/ml
17) T Bnezo[k]fluoranthene ...	16.027	6959962	46.932 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.369	6619739	47.400 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.735	5859994	54.851 ug/ml
20) T Dibenz[a,h]anthracene...	17.772	6804381	44.945 ug/ml
21) T Benzo[g,h,i]perylene ...	17.988	6690985	47.253 ug/ml

(f)=RT Delta > 1/2 Window

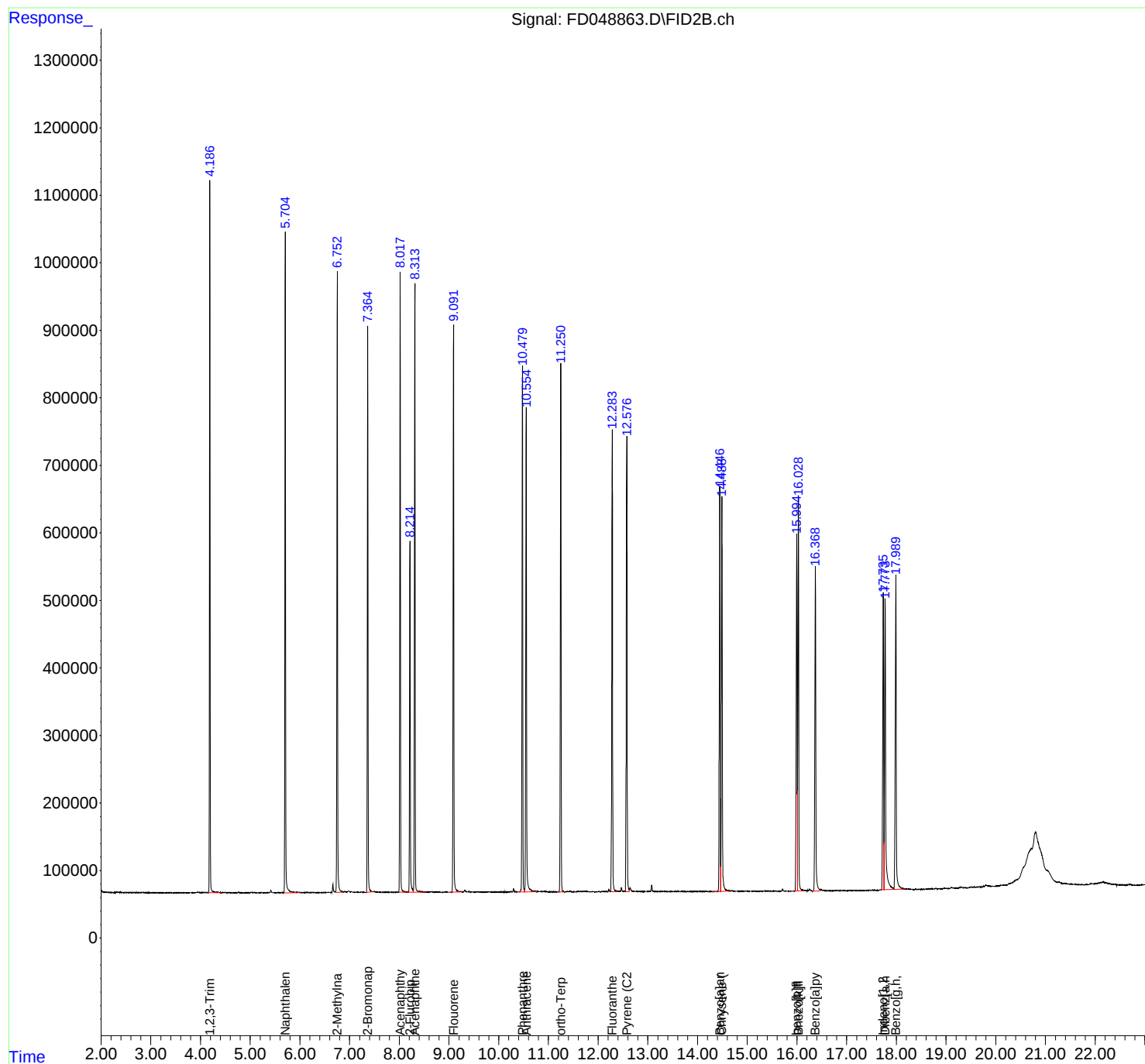
(m)=manual int.

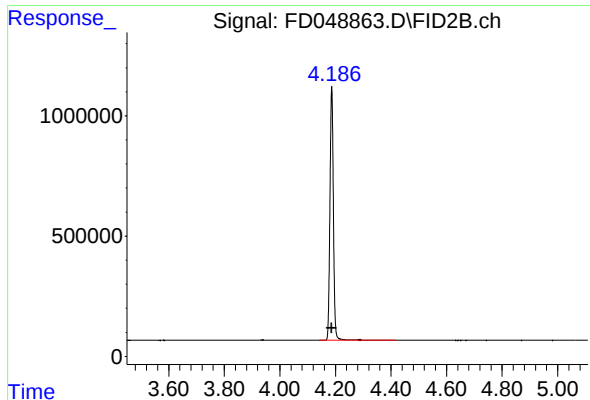
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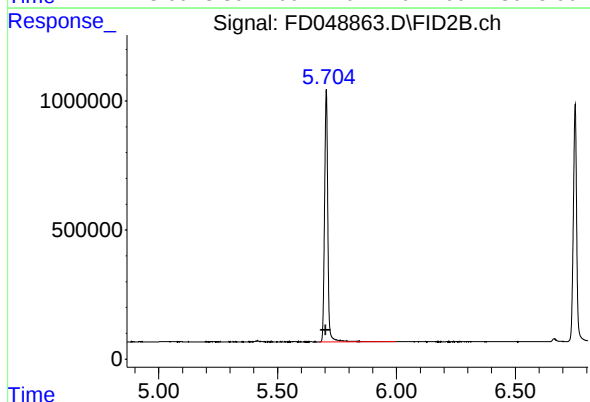




#1 1,2,3-Trimethylbenzene (C10.1)

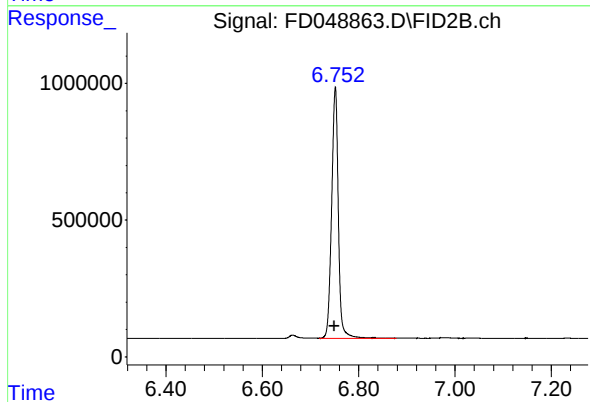
R.T.: 4.187 min
Delta R.T.: 0.000 min
Response: 9057209
Conc: 47.67 ug/ml

Instrument :
FID_D
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50 PPM AROMATIC HC STD2



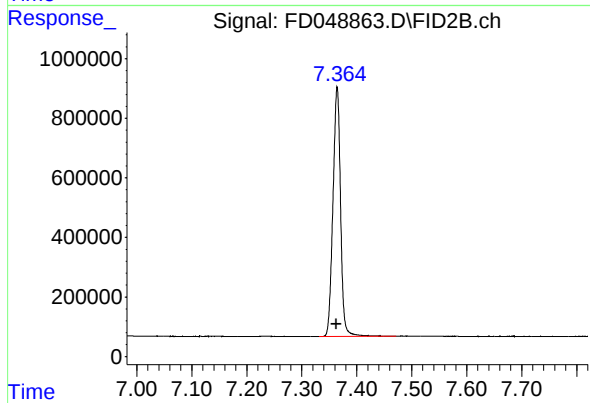
#2 Naphthalene (C11.7)

R.T.: 5.705 min
Delta R.T.: 0.001 min
Response: 9250047
Conc: 47.38 ug/ml



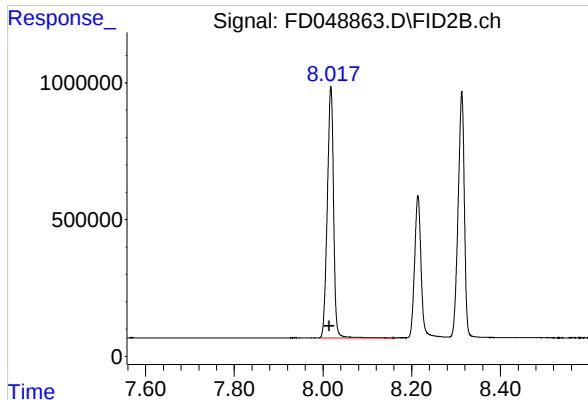
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.751 min
Delta R.T.: 0.002 min
Response: 8909043
Conc: 47.90 ug/ml



#4 2-Bromonaphthalene (SURR)

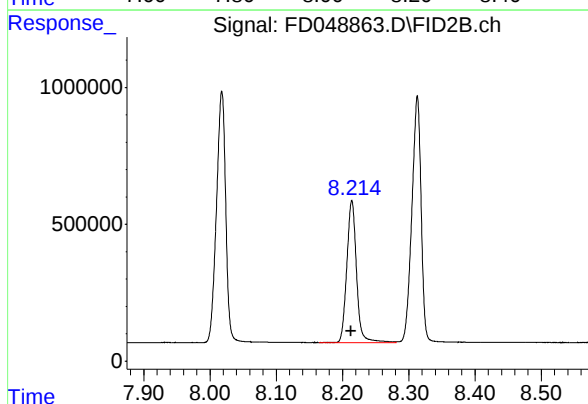
R.T.: 7.364 min
Delta R.T.: 0.002 min
Response: 8039257
Conc: 47.45 ug/ml



#5 Acenaphthylene (C15.06)

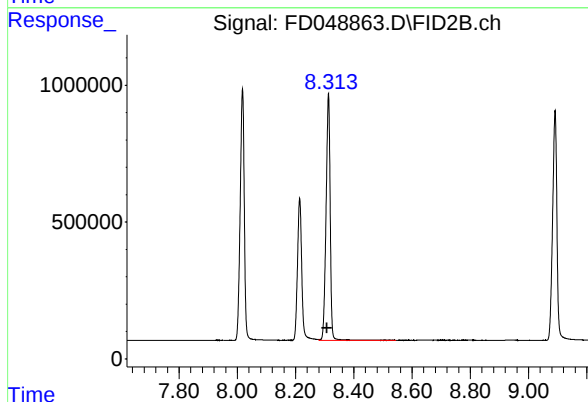
R.T.: 8.018 min
Delta R.T.: 0.003 min
Response: 8950507
Conc: 47.76 ug/ml

Instrument :
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50 PPM AROMATIC HC STD2



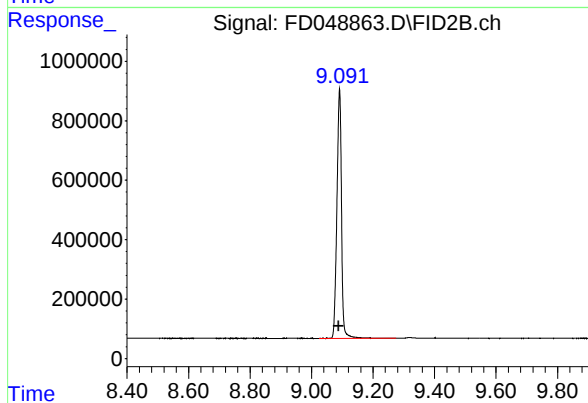
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.214 min
Delta R.T.: 0.001 min
Response: 5291629
Conc: 49.53 ug/ml



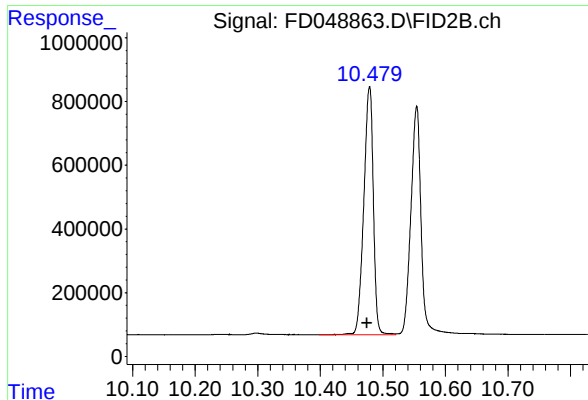
#7 Acenaphthene (C15.5)

R.T.: 8.313 min
Delta R.T.: 0.004 min
Response: 8854507
Conc: 47.79 ug/ml



#8 Fluorene (C16.55)

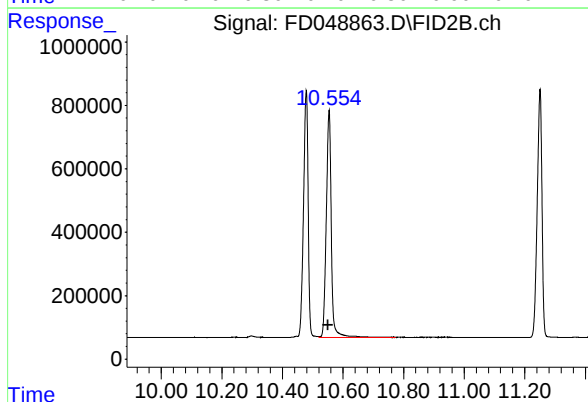
R.T.: 9.091 min
Delta R.T.: 0.003 min
Response: 8747897
Conc: 48.26 ug/ml



#9 Phenanthrene (C19.36)

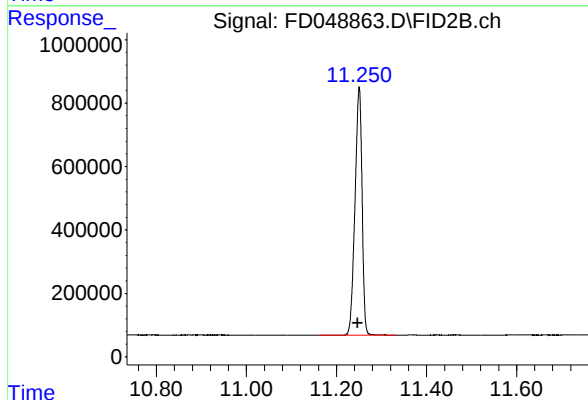
R.T.: 10.478 min
Delta R.T.: 0.003 min
Response: 8237835
Conc: 48.84 ug/ml

Instrument :
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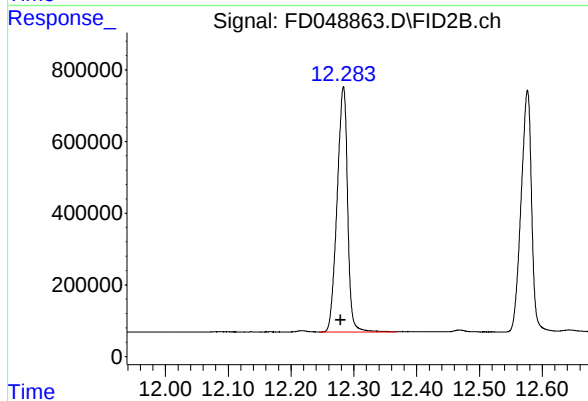
#10 Anthracene (C19.43)

R.T.: 10.554 min
Delta R.T.: 0.003 min
Response: 8241212
Conc: 48.07 ug/ml



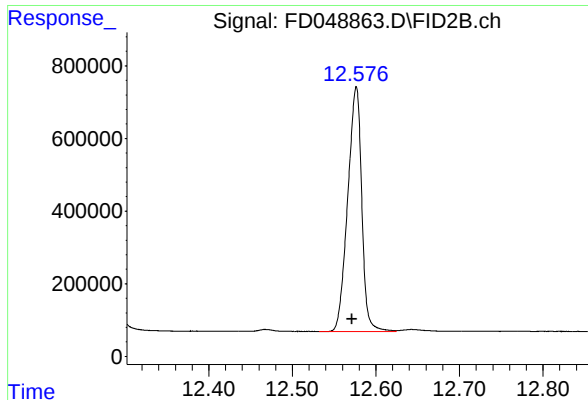
#11 ortho-Terphenyl (SURR)

R.T.: 11.250 min
Delta R.T.: 0.003 min
Response: 8496175
Conc: 47.44 ug/ml



#12 Fluoranthene (C21.85)

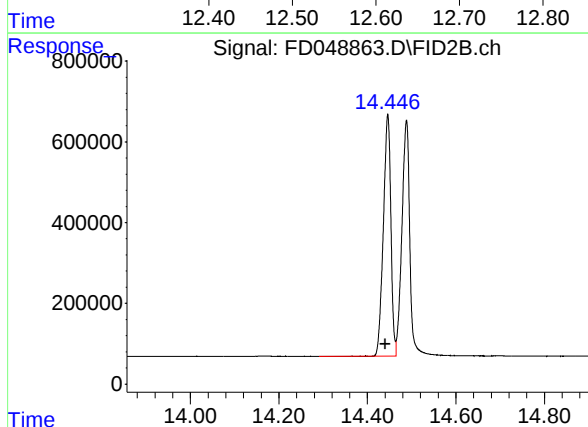
R.T.: 12.283 min
Delta R.T.: 0.005 min
Response: 7953997
Conc: 47.95 ug/ml



#13 Pyrene (C20.8)

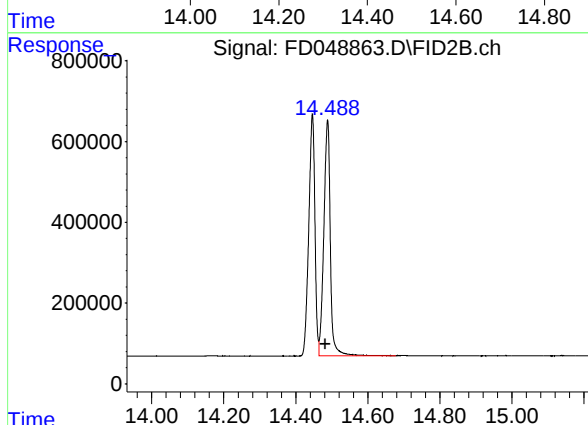
R.T.: 12.576 min
Delta R.T.: 0.005 min
Response: 7863607
Conc: 48.42 ug/ml

Instrument :
FID_D
ClientSampleId :
50 PPM AROMATIC HC STD2



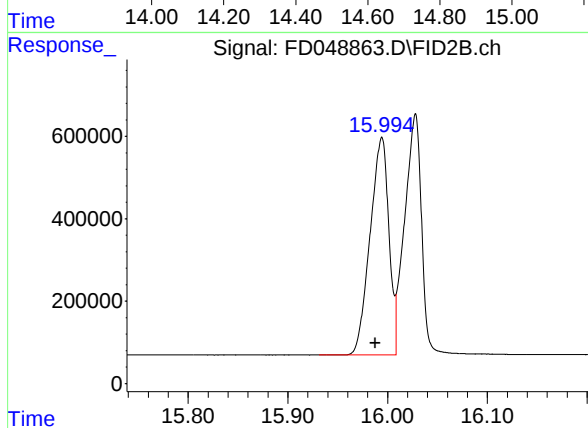
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.446 min
Delta R.T.: 0.005 min
Response: 7072378
Conc: 50.78 ug/ml



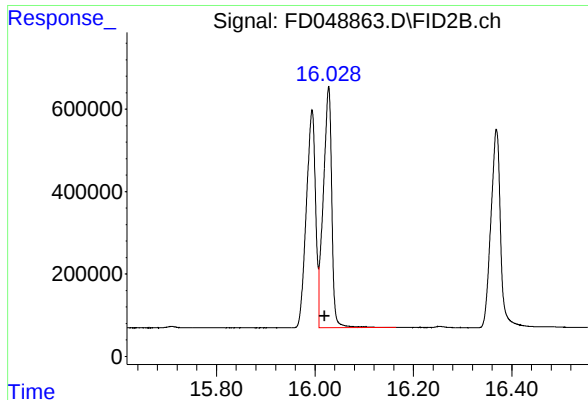
#15 Chrysene (C27.41)

R.T.: 14.488 min
Delta R.T.: 0.006 min
Response: 7315160
Conc: 46.34 ug/ml



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

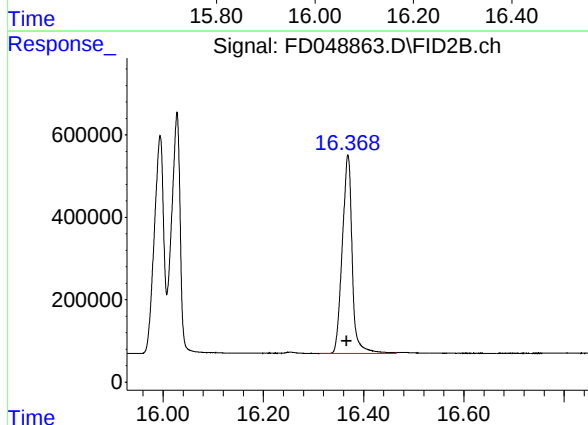
R.T.: 15.994 min
Delta R.T.: 0.006 min
Response: 6901644
Conc: 49.44 ug/ml



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

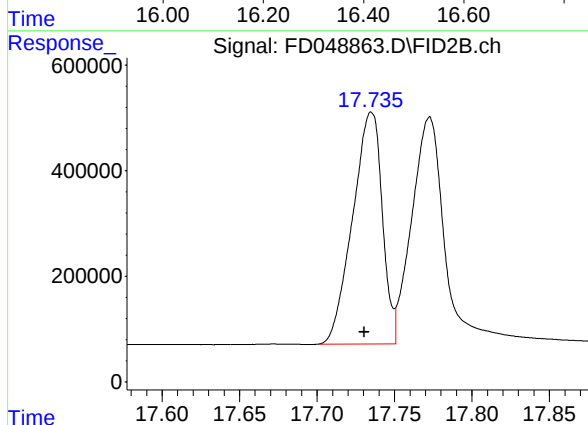
R.T.: 16.027 min
Delta R.T.: 0.008 min
Response: 6959962
Conc: 46.93 ug/ml

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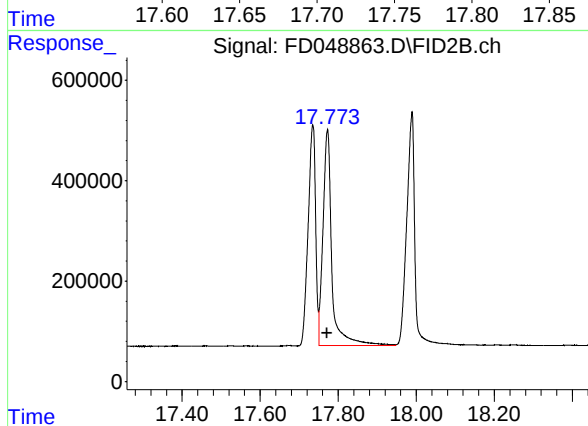
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.369 min
Delta R.T.: 0.002 min
Response: 6619739
Conc: 47.40 ug/ml



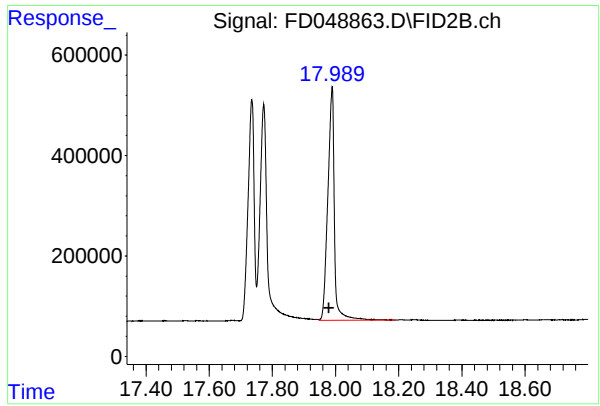
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.735 min
Delta R.T.: 0.004 min
Response: 5859994
Conc: 54.85 ug/ml



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

R.T.: 17.772 min
Delta R.T.: 0.001 min
Response: 6804381
Conc: 44.95 ug/ml



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

R.T.: 17.988 min

Delta R.T.: 0.009 min

Response: 6690985

Conc: 47.25 ug/ml

Instrument :

FID_D

ClientSampleId :

50 PPM AROMATIC HC STD2