

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF093024AR\
 Data File : FF014571.D
 Signal(s) : FID2B.ch
 Acq On : 30 Sep 2024 18:47
 Operator : YP\AJ
 Sample : 50 PPM AROMATIC HC STD2
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 50 PPM AROMATIC HC STD2

Integration File: autoint1.e
 Quant Time: Oct 01 10:49:10 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 093024.M
 Quant Title : GC Extractables
 QLast Update : Tue Oct 01 10:48:36 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...	7.862	5627610	50.595 ug/ml
Spiked Amount 50.000		Recovery =	101.19%
6) S 2-Fluorobiphenyl (SURR)	8.732	3553355	51.328 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	102.66%
11) S ortho-Terphenyl (SURR)	11.794	6770139	50.197 ug/ml
Spiked Amount 50.000		Recovery =	100.39%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.474	6480103	50.043 ug/ml
2) T Naphthalene (C11.7)	6.139	6671124	50.687 ug/ml
3) T 2-Methylnaphthalene (...)	7.234	6577344	50.728 ug/ml
5) T Acenaphthylene (C15.06)	8.533	6558265	50.464 ug/ml
7) T Acenaphthene (C15.5)	8.832	6773112	50.523 ug/ml
8) T Fluorene (C16.55)	9.620	6268972	51.001 ug/ml
9) T Phenanthrene (C19.36)	11.022	6180548	50.890 ug/ml
10) T Anthracene (C19.43)	11.098	6070658	50.676 ug/ml
12) T Fluoranthene (C21.85)	12.840	6335302	50.494 ug/ml
13) T Pyrene (C20.8)	13.137	6233824	49.920 ug/ml
14) T Benzo[a]anthracene (C...	15.016	5337142	52.051 ug/ml
15) T Chrysene (C27.41)	15.058	6393849	49.244 ug/ml
16) T benzo[b]fluoranthene ...	16.573	5715467	51.521 ug/ml
17) T Bnezo[k]fluoranthene ...	16.605	6079429	49.536 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.951	5701002	51.360 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.319	3953467	53.407 ug/ml
20) T Dibenz[a,h]anthracene...	18.356	5369318	52.270 ug/ml
21) T Benzo[g,h,i]perylene ...	18.574	5998677	50.767 ug/ml

(f)=RT Delta > 1/2 Window

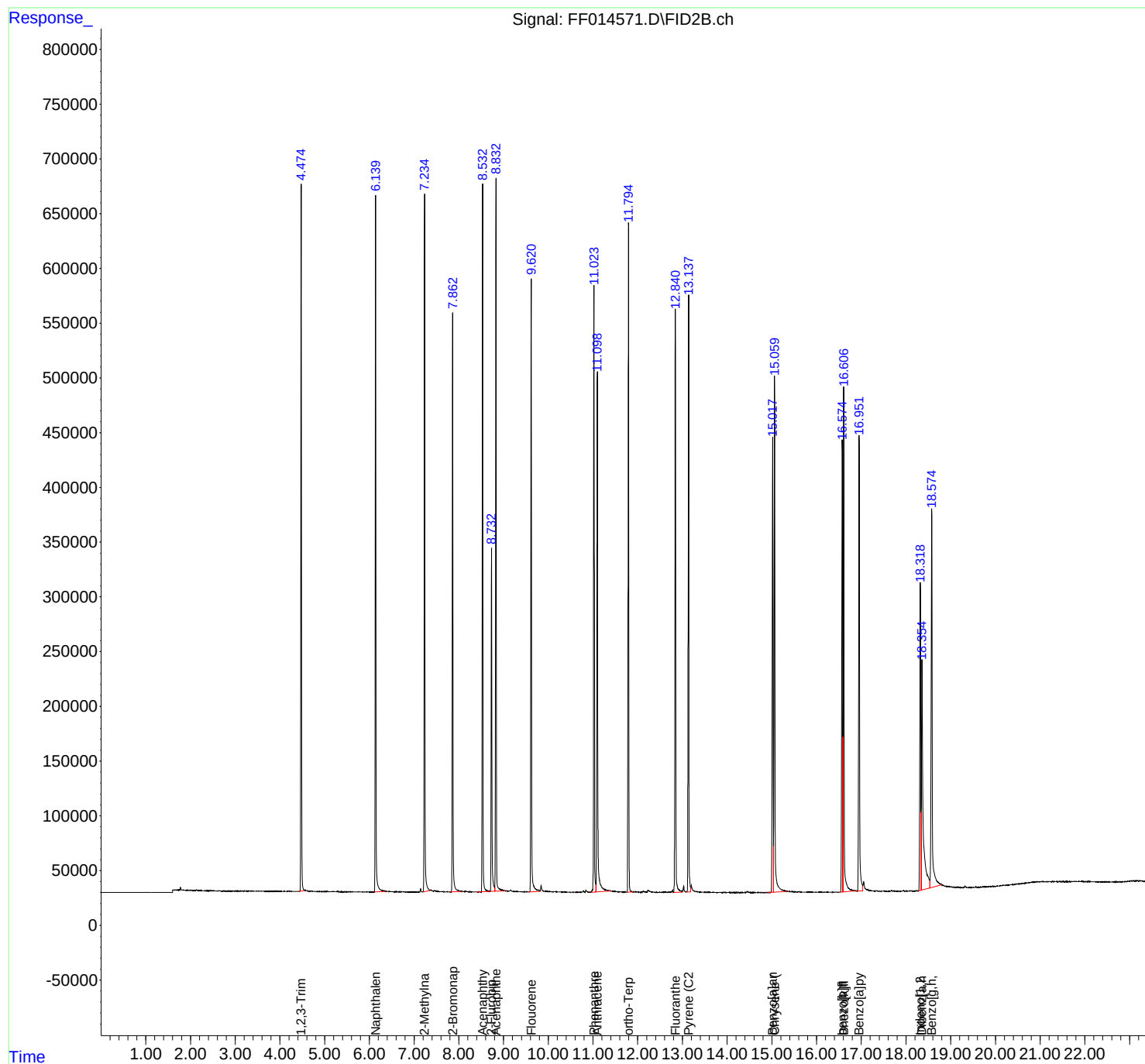
(m)=manual int.

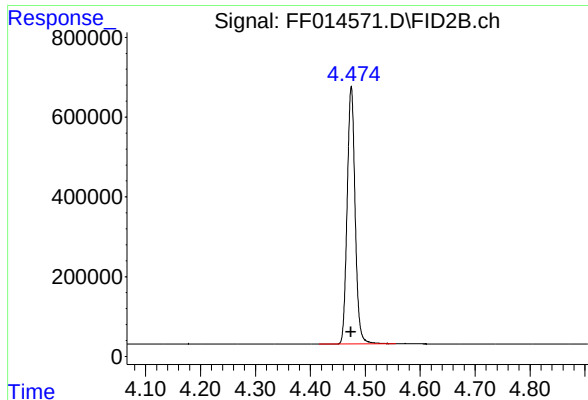
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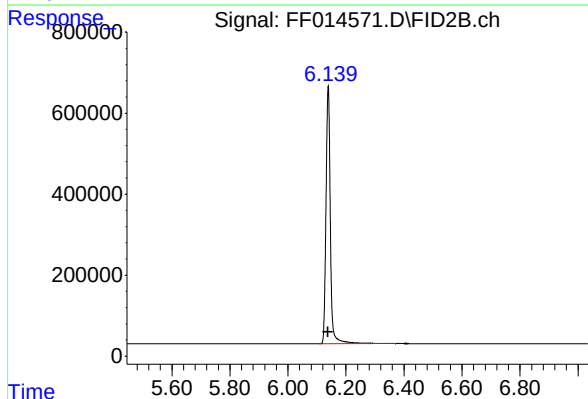




#1 1,2,3-Trimethylbenzene (C10.1)

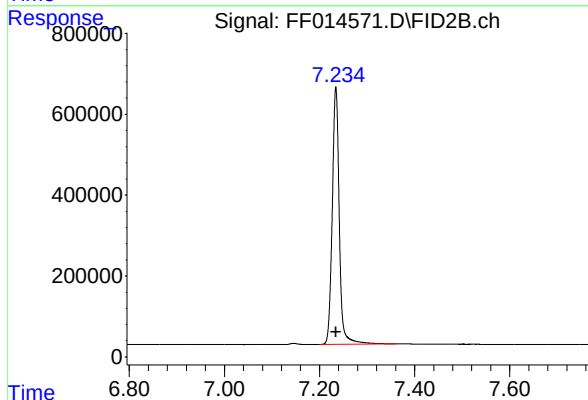
R.T.: 4.474 min
Delta R.T.: 0.000 min
Response: 6480103
Conc: 50.04 ug/ml

Instrument :
FID_F
ClientSampleId :
50 PPM AROMATIC HC STD2



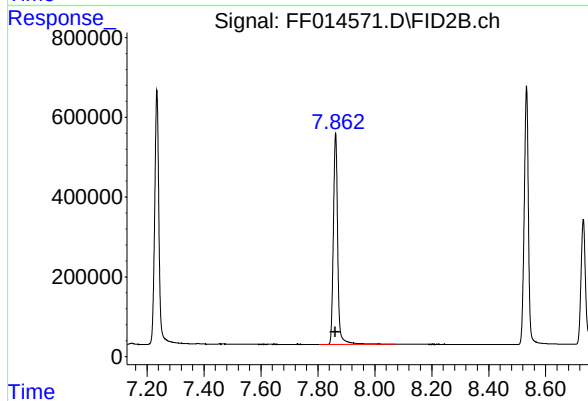
#2 Naphthalene (C11.7)

R.T.: 6.139 min
Delta R.T.: 0.000 min
Response: 6671124
Conc: 50.69 ug/ml



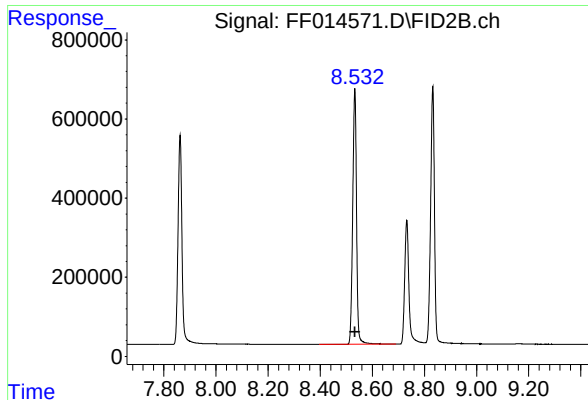
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.234 min
Delta R.T.: 0.000 min
Response: 6577344
Conc: 50.73 ug/ml



#4 2-Bromonaphthalene (SURR)

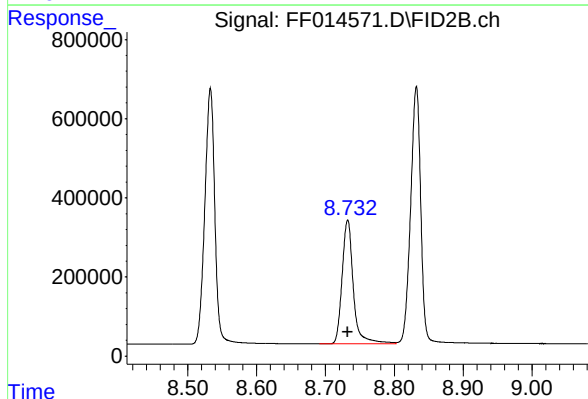
R.T.: 7.862 min
Delta R.T.: 0.000 min
Response: 5627610
Conc: 50.59 ug/ml



#5 Acenaphthylene (C15.06)

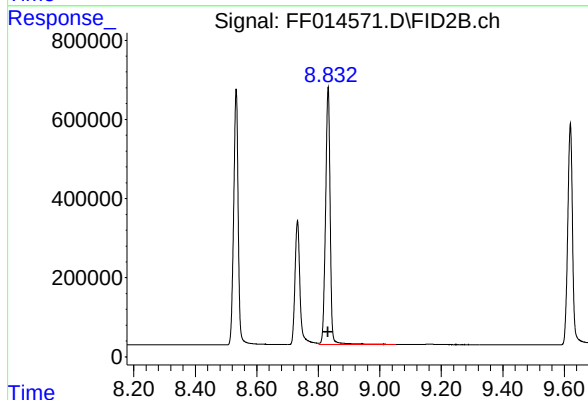
R.T.: 8.533 min
Delta R.T.: 0.000 min
Response: 6558265
Conc: 50.46 ug/ml

Instrument :
FID_F
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50 PPM AROMATIC HC STD2



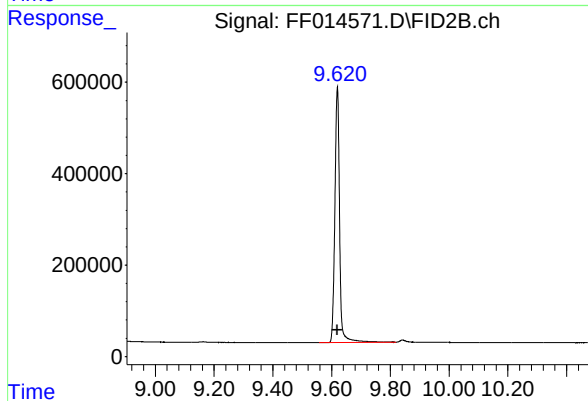
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.732 min
Delta R.T.: 0.000 min
Response: 3553355
Conc: 51.33 ug/ml



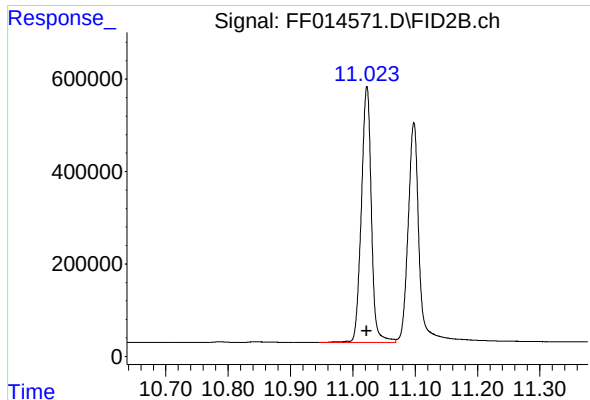
#7 Acenaphthene (C15.5)

R.T.: 8.832 min
Delta R.T.: 0.000 min
Response: 6773112
Conc: 50.52 ug/ml



#8 Fluorene (C16.55)

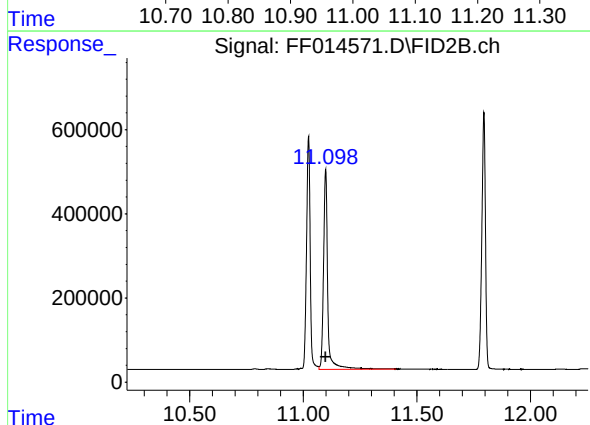
R.T.: 9.620 min
Delta R.T.: 0.000 min
Response: 6268972
Conc: 51.00 ug/ml



#9 Phenanthrene (C19.36)

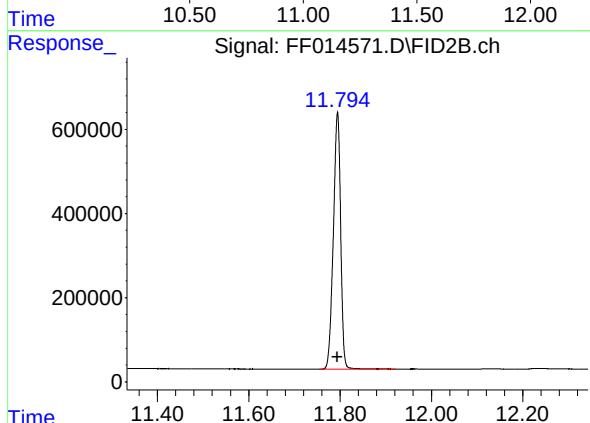
R.T.: 11.022 min
Delta R.T.: 0.000 min
Response: 6180548
Conc: 50.89 ug/ml

Instrument :
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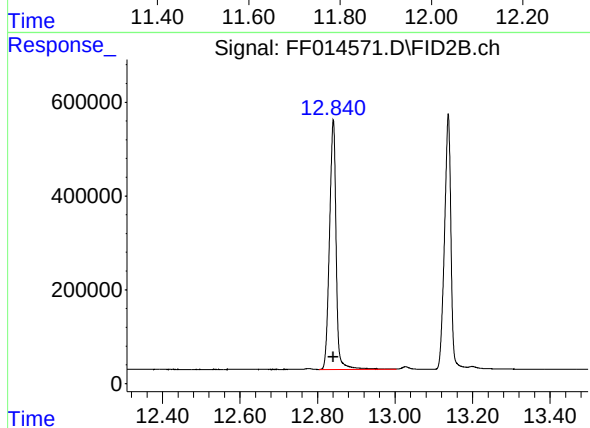
#10 Anthracene (C19.43)

R.T.: 11.098 min
Delta R.T.: 0.000 min
Response: 6070658
Conc: 50.68 ug/ml



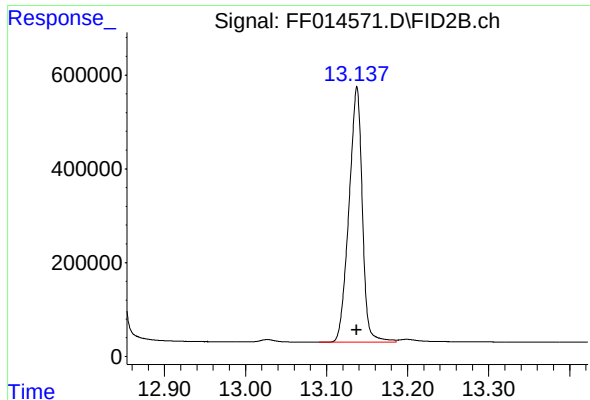
#11 ortho-Terphenyl (SURR)

R.T.: 11.794 min
Delta R.T.: 0.000 min
Response: 6770139
Conc: 50.20 ug/ml



#12 Fluoranthene (C21.85)

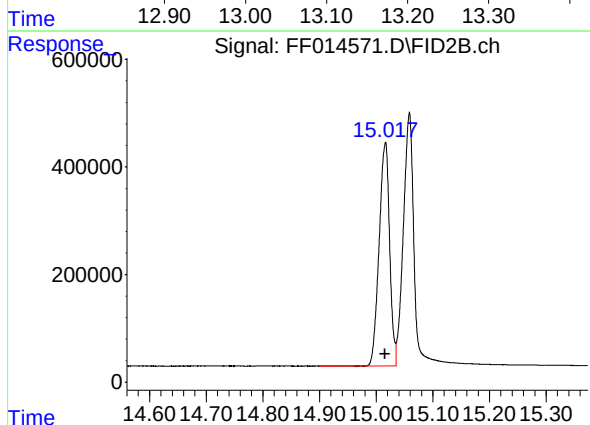
R.T.: 12.840 min
Delta R.T.: 0.000 min
Response: 6335302
Conc: 50.49 ug/ml



#13 Pyrene (C20.8)

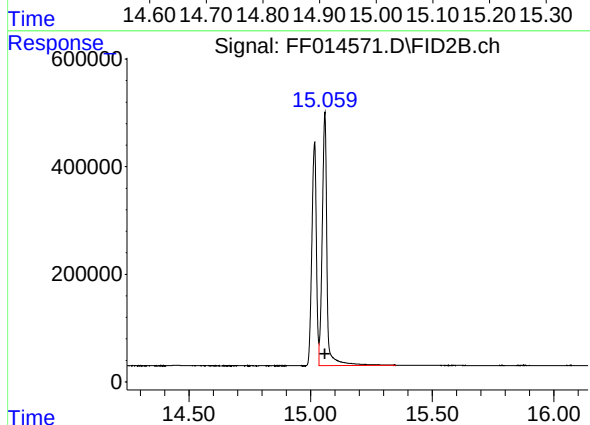
R.T.: 13.137 min
Delta R.T.: 0.000 min
Response: 6233824
Conc: 49.92 ug/ml

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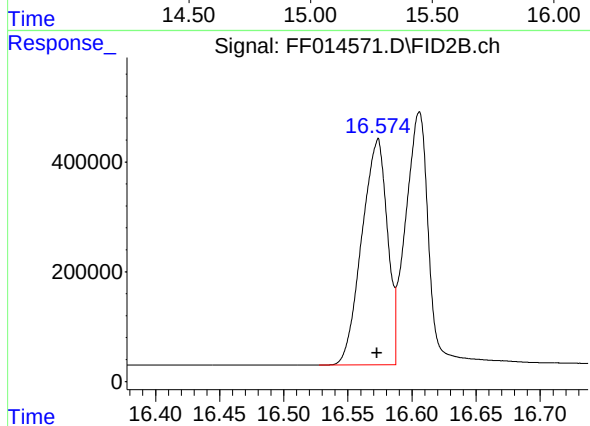
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.016 min
Delta R.T.: 0.000 min
Response: 5337142
Conc: 52.05 ug/ml



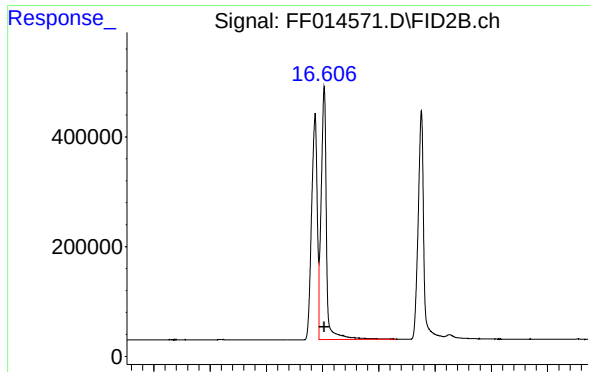
#15 Chrysene (C27.41)

R.T.: 15.058 min
Delta R.T.: 0.000 min
Response: 6393849
Conc: 49.24 ug/ml



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

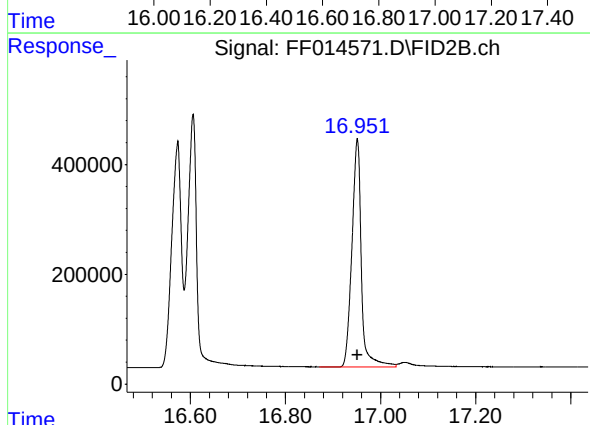
R.T.: 16.573 min
Delta R.T.: 0.000 min
Response: 5715467
Conc: 51.52 ug/ml



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

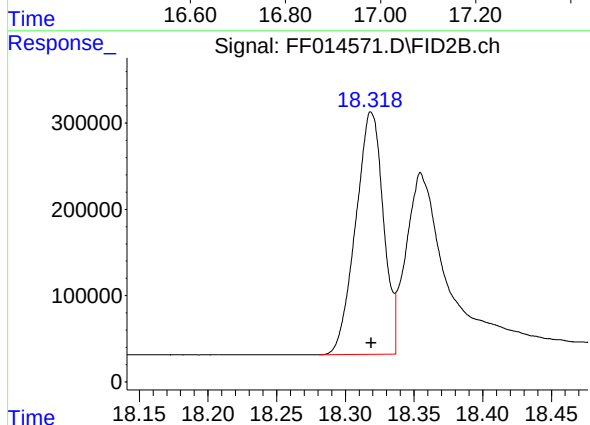
R.T.: 16.605 min
Delta R.T.: 0.000 min
Response: 6079429
Conc: 49.54 ug/ml

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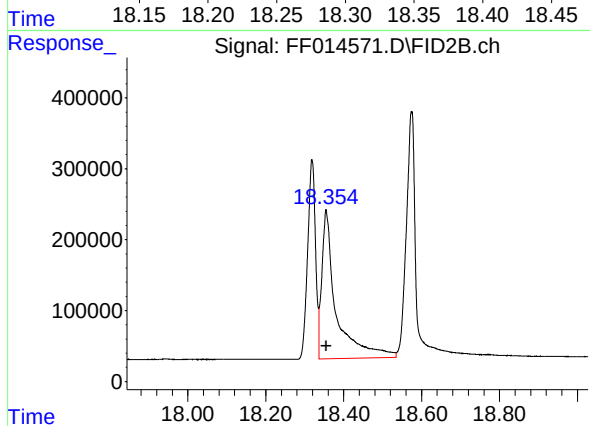
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.951 min
Delta R.T.: 0.000 min
Response: 5701002
Conc: 51.36 ug/ml



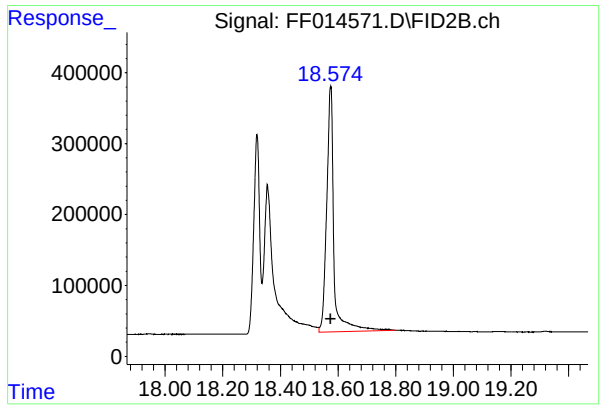
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.319 min
Delta R.T.: 0.000 min
Response: 3953467
Conc: 53.41 ug/ml



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

R.T.: 18.356 min
Delta R.T.: 0.000 min
Response: 5369318
Conc: 52.27 ug/ml



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

R.T.: 18.574 min

Delta R.T.: 0.000 min

Response: 5998677

Conc: 50.77 ug/ml

Instrument :

FID_F

ClientSampleId :

50 PPM AROMATIC HC STD2