

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF110724AR\
 Data File : FF014965.D
 Signal(s) : FID2B.ch
 Acq On : 07 Nov 2024 19:15
 Operator : YP\AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Integration File: autoint1.e
 Quant Time: Nov 08 08:45:15 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aromatic EPH 110724.M
 Quant Title : GC Extractables
 QLast Update : Fri Nov 08 08:43:02 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...	7.996	1369564	9.902 ug/ml
Spiked Amount 50.000		Recovery =	19.80%
6) S 2-Fluorobiphenyl (SURR)	8.871	918407	9.918 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	19.84%
11) S ortho-Terphenyl (SURR)	11.932	1520285	9.956 ug/ml
Spiked Amount 50.000		Recovery =	19.91%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.614	1565211	9.884 ug/ml
2) T Naphthalene (C11.7)	6.279	1620311	9.959 ug/ml
3) T 2-Methylnaphthalene (...)	7.372	1613640	9.877 ug/ml
5) T Acenaphthylene (C15.06)	8.672	1567965	9.937 ug/ml
7) T Acenaphthene (C15.5)	8.970	1564614	9.932 ug/ml
8) T Fluorene (C16.55)	9.759	1530864	9.955 ug/ml
9) T Phenanthrene (C19.36)	11.165	1491720	9.921 ug/ml
10) T Anthracene (C19.43)	11.240	1420516	9.985 ug/ml
12) T Fluoranthene (C21.85)	12.986	1437780	9.941 ug/ml
13) T Pyrene (C20.8)	13.284	1414183	9.900 ug/ml
14) T Benzo[a]anthracene (C...	15.163	1372181	9.967 ug/ml
15) T Chrysene (C27.41)	15.204	1398430	10.018 ug/ml
16) T benzo[b]fluoranthene ...	16.720	1409539	9.936 ug/ml
17) T Bnezo[k]fluoranthene ...	16.751	1325553	9.987 ug/ml
18) T Benzo[a]pyrene (C31.34)	17.100	1395587	9.944 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.470	1392923	9.870 ug/ml
20) T Dibenz[a,h]anthracene...	18.510	1565656	10.187 ug/ml
21) T Benzo[g,h,i]perylene ...	18.726	1493053	9.742 ug/ml

(f)=RT Delta > 1/2 Window

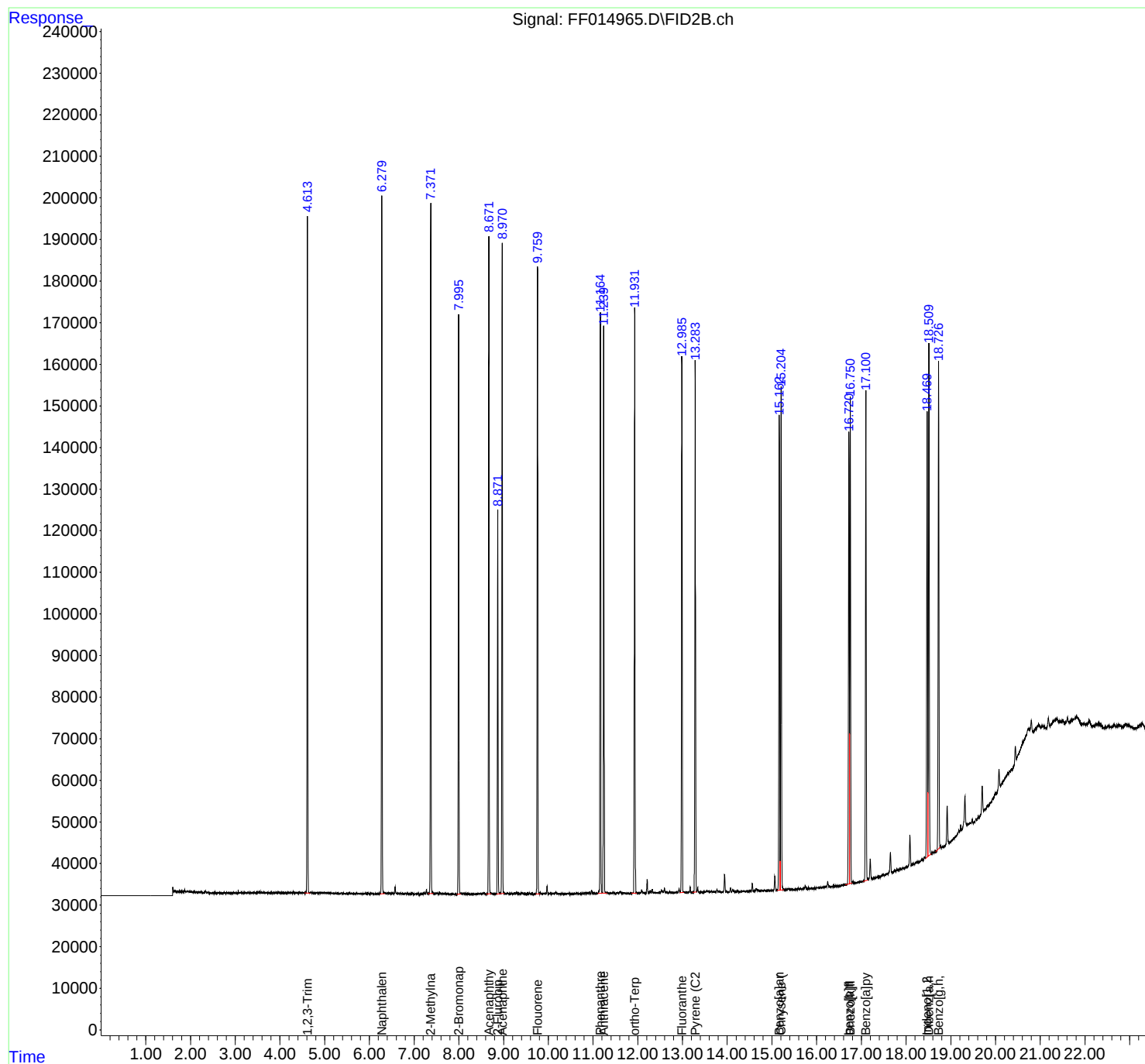
(m)=manual int.

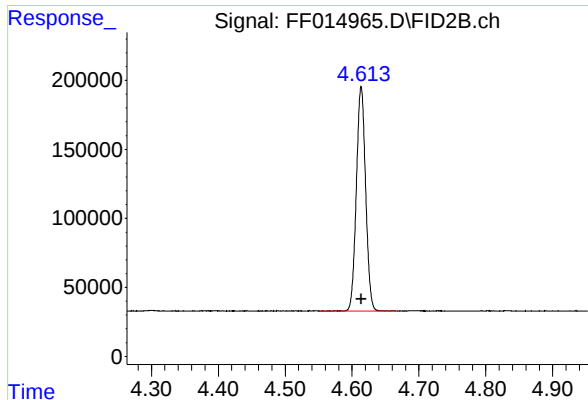
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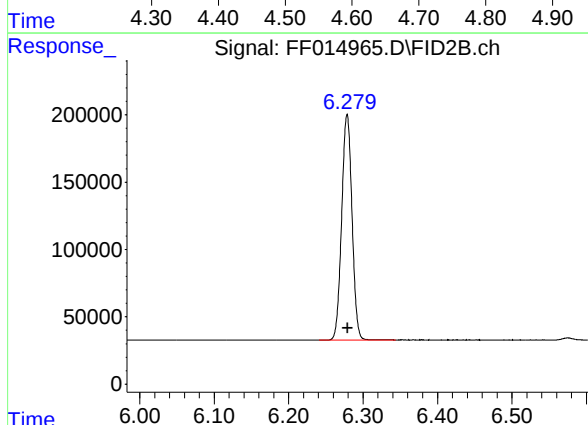




#1 1,2,3-Trimethylbenzene (C10.1)

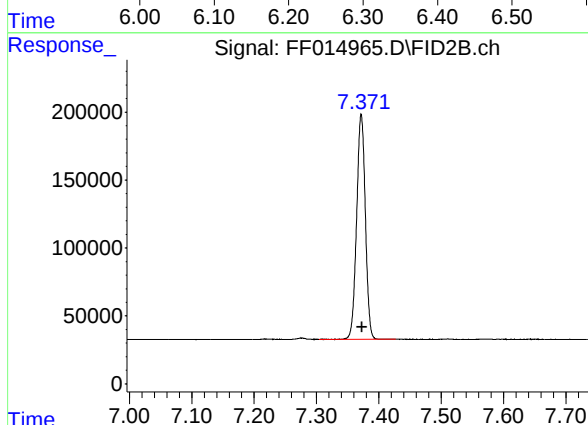
R.T.: 4.614 min
Delta R.T.: 0.000 min
Response: 1565211
Conc: 9.88 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4



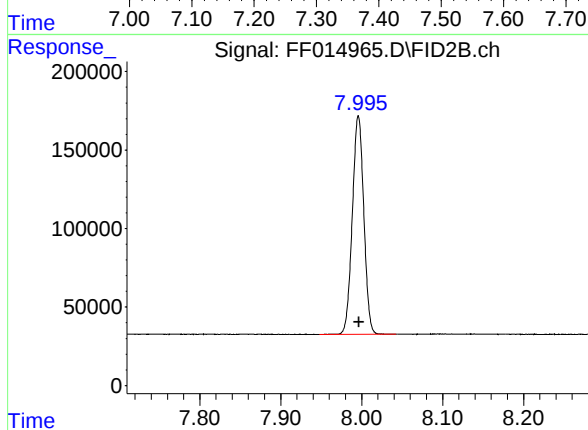
#2 Naphthalene (C11.7)

R.T.: 6.279 min
Delta R.T.: 0.000 min
Response: 1620311
Conc: 9.96 ug/ml



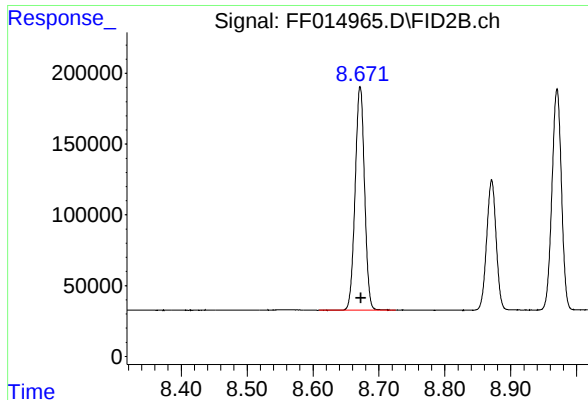
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.372 min
Delta R.T.: 0.000 min
Response: 1613640
Conc: 9.88 ug/ml



#4 2-Bromonaphthalene (SURR)

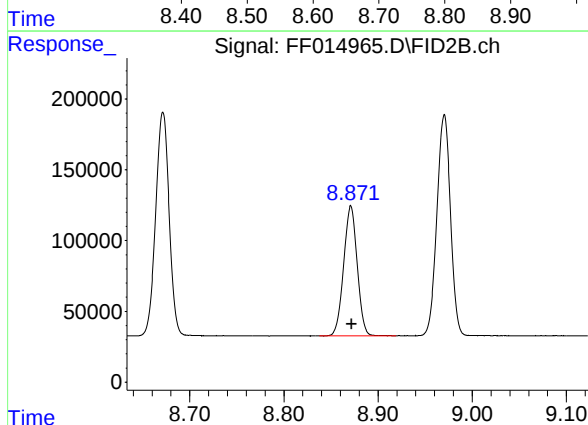
R.T.: 7.996 min
Delta R.T.: 0.000 min
Response: 1369564
Conc: 9.90 ug/ml



#5 Acenaphthylene (C15.06)

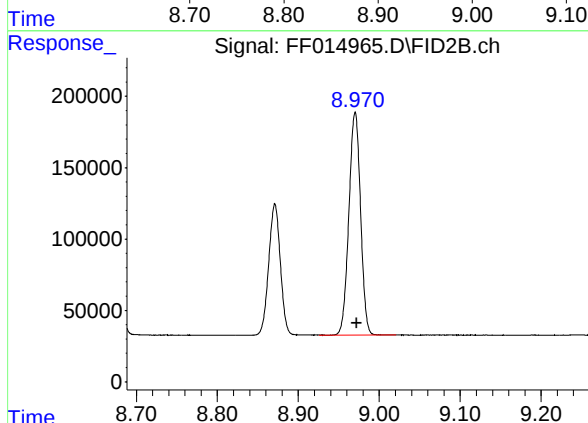
R.T.: 8.672 min
Delta R.T.: -0.001 min
Response: 1567965
Conc: 9.94 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4



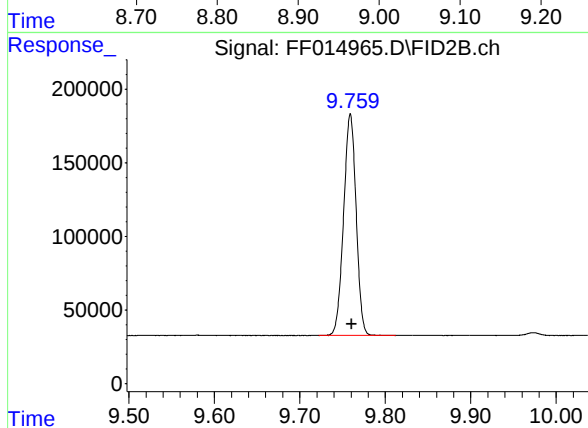
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.871 min
Delta R.T.: 0.000 min
Response: 918407
Conc: 9.92 ug/ml



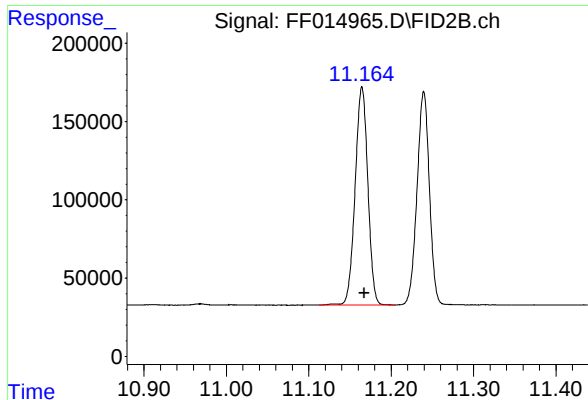
#7 Acenaphthene (C15.5)

R.T.: 8.970 min
Delta R.T.: -0.002 min
Response: 1564614
Conc: 9.93 ug/ml



#8 Flouorene (C16.55)

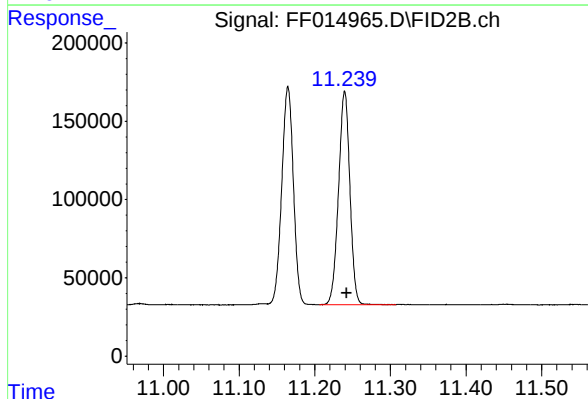
R.T.: 9.759 min
Delta R.T.: -0.001 min
Response: 1530864
Conc: 9.95 ug/ml



#9 Phenanthrene (C19.36)

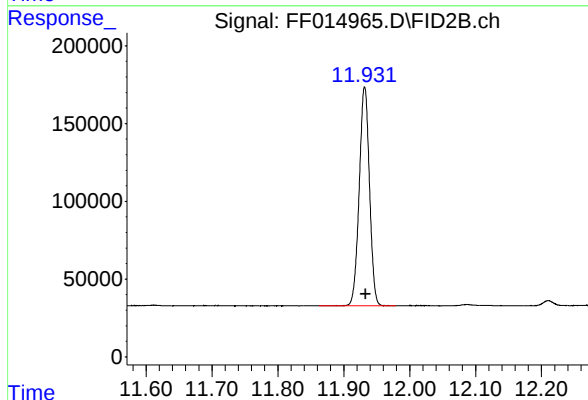
R.T.: 11.165 min
Delta R.T.: -0.003 min
Response: 1491720
Conc: 9.92 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4



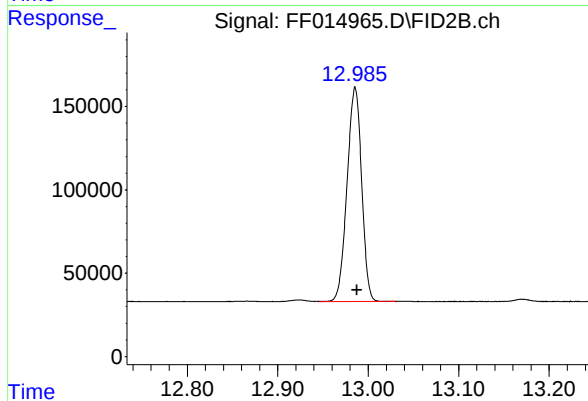
#10 Anthracene (C19.43)

R.T.: 11.240 min
Delta R.T.: -0.003 min
Response: 1420516
Conc: 9.99 ug/ml



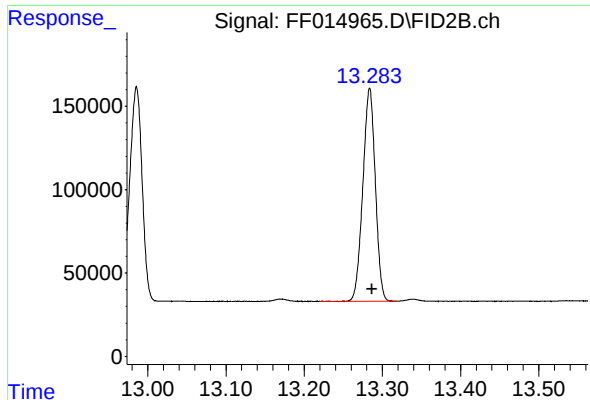
#11 ortho-Terphenyl (SURR)

R.T.: 11.932 min
Delta R.T.: -0.002 min
Response: 1520285
Conc: 9.96 ug/ml



#12 Fluoranthene (C21.85)

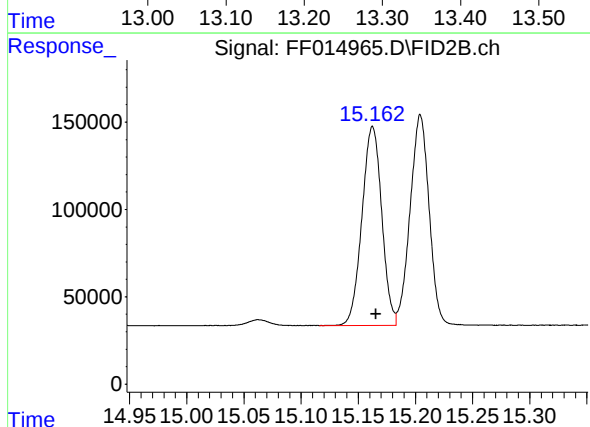
R.T.: 12.986 min
Delta R.T.: -0.002 min
Response: 1437780
Conc: 9.94 ug/ml



#13 Pyrene (C20.8)

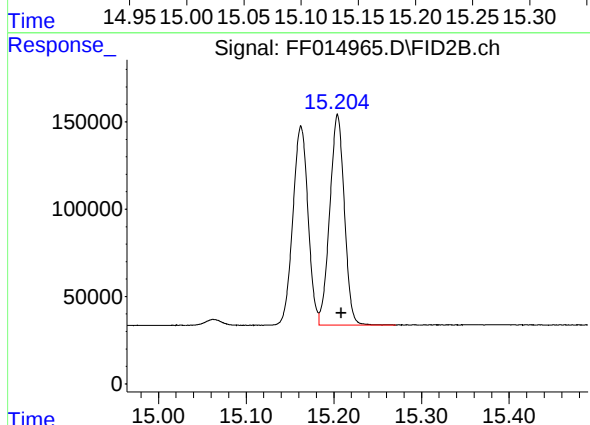
R.T.: 13.284 min
Delta R.T.: -0.003 min
Response: 1414183
Conc: 9.90 ug/ml

Instrument :
FID_F
ClientSampleId :
10 PPM AROMATIC HC STD4



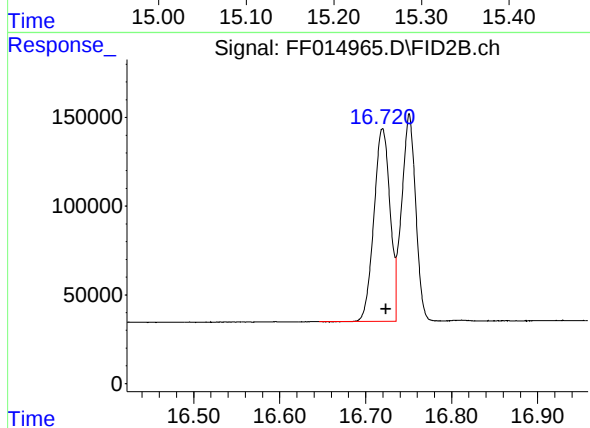
#14 Benzo[a]anthracene (C26.37)

R.T.: 15.163 min
Delta R.T.: -0.003 min
Response: 1372181
Conc: 9.97 ug/ml



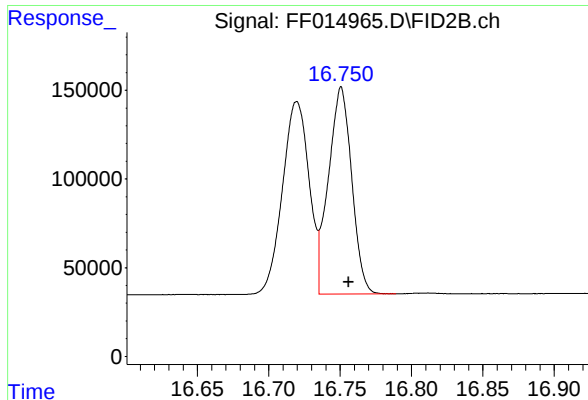
#15 Chrysene (C27.41)

R.T.: 15.204 min
Delta R.T.: -0.005 min
Response: 1398430
Conc: 10.02 ug/ml



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

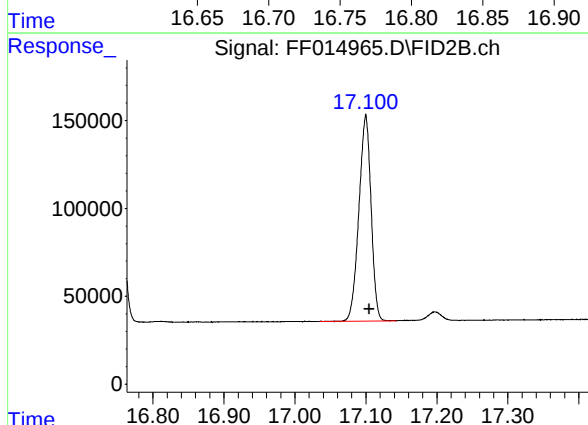
R.T.: 16.720 min
Delta R.T.: -0.004 min
Response: 1409539
Conc: 9.94 ug/ml



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

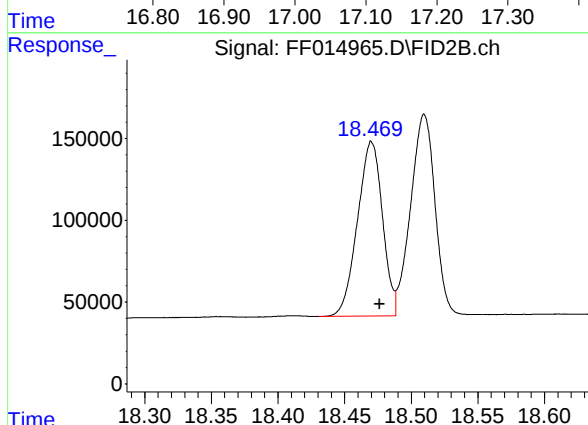
R.T.: 16.751 min
Delta R.T.: -0.005 min
Response: 1325553
Conc: 9.99 ug/ml

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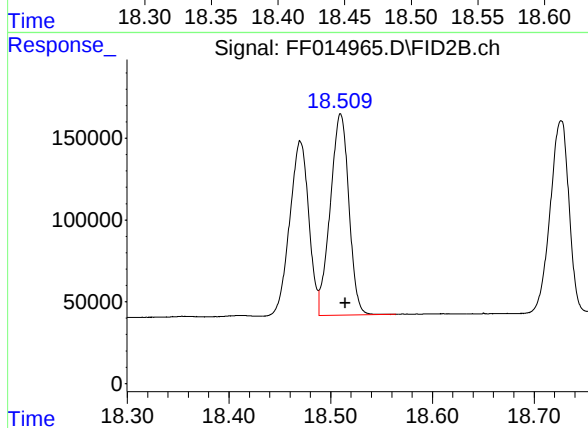
#18 Benzo[a]pyrene (C31.34)

R.T.: 17.100 min
Delta R.T.: -0.005 min
Response: 1395587
Conc: 9.94 ug/ml



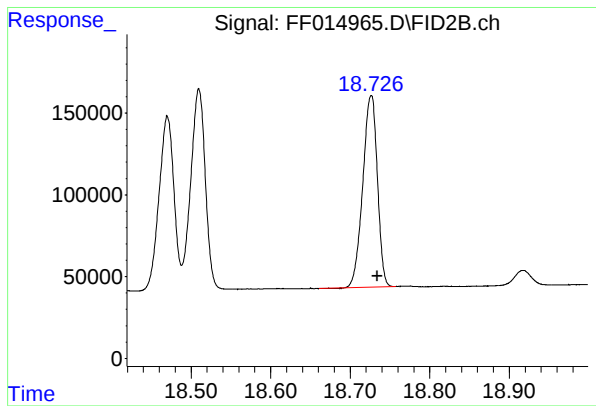
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.470 min
Delta R.T.: -0.006 min
Response: 1392923
Conc: 9.87 ug/ml



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

R.T.: 18.510 min
Delta R.T.: -0.005 min
Response: 1565656
Conc: 10.19 ug/ml



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

R.T.: 18.726 min
Delta R.T.: -0.008 min
Response: 1493053
Conc: 9.74 ug/ml

Instrument :
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ClientSampleId :
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