

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD052723AR\
 Data File : FD045759.D
 Signal(s) : FID2B.ch
 Acq On : 26 May 2023 22:30
 Operator : YP/AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 27 06:42:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:41:57 2023
 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...	7.537	1870149	10.393 ug/ml
Spiked Amount 50.000		Recovery =	20.79%
6) S 2-Fluorobiphenyl (SURR)	8.391	1249292	10.356 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	20.71%
11) S ortho-Terphenyl (SURR)	11.431	2328097	10.465 ug/ml
Spiked Amount 50.000		Recovery =	20.93%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.346	2108559	10.490 ug/ml
2) T Naphthalene (C11.7)	5.876	2217573	10.525 ug/ml
3) T 2-Methylnaphthalene (...)	6.926	2197280	10.443 ug/ml
5) T Acenaphthylene (C15.06)	8.196	1977193	10.435 ug/ml
7) T Acenaphthene (C15.5)	8.490	2103070	10.418 ug/ml
8) T Fluorene (C16.55)	9.269	2059418	10.388 ug/ml
9) T Phenanthrene (C19.36)	10.659	1992750	10.404 ug/ml
10) T Anthracene (C19.43)	10.733	1830174	10.874 ug/ml
12) T Fluoranthene (C21.85)	12.462	1931655	10.432 ug/ml
13) T Pyrene (C20.8)	12.757	1854057	10.355 ug/ml
14) T Benzo[a]anthracene (C...	14.620	1613142	10.288 ug/ml
15) T Chrysene (C27.41)	14.661	1718502	10.516 ug/ml
16) T benzo[b]fluoranthene ...	16.159	1562186	10.292 ug/ml
17) T Bnezo[k]fluoranthene ...	16.192	1664801	10.956 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.533	1533419	10.547 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.890	1542116	10.607 ug/ml
20) T Dibenz[a,h]anthracene...	17.933	1639113	11.168 ug/ml
21) T Benzo[g,h,i]perylene ...	18.142	1557011	10.619 ug/ml

(f)=RT Delta > 1/2 Window

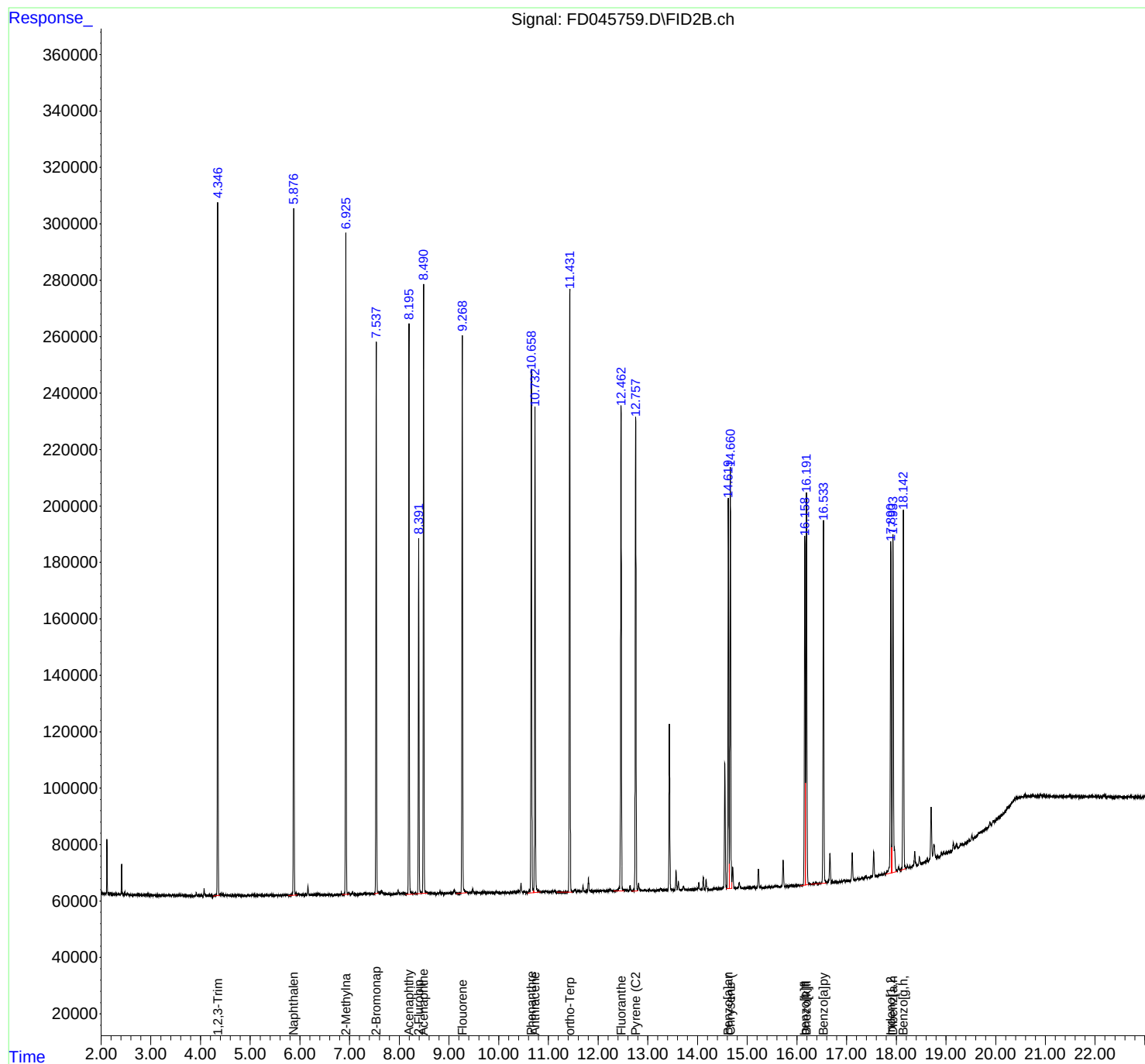
(m)=manual int.

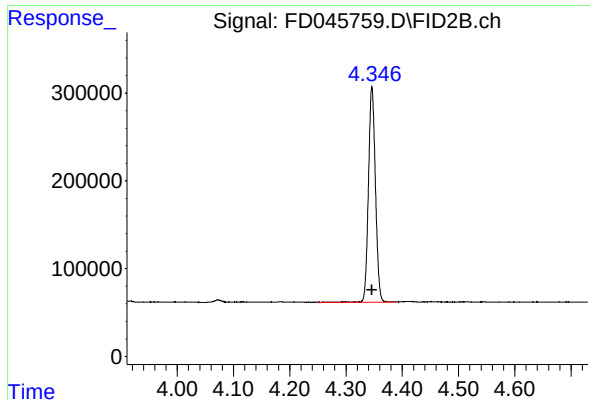
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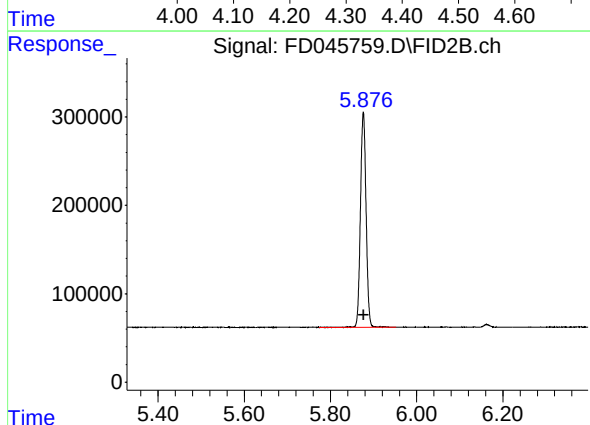




#1 1,2,3-Trimethylbenzene (C10.1)

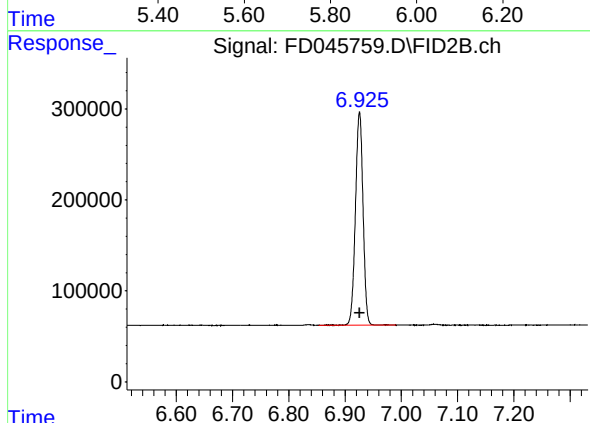
R.T.: 4.346 min
Delta R.T.: 0.000 min
Response: 2108559
Conc: 10.49 ug/ml

Instrument :
FID_D
ClientSampleId :



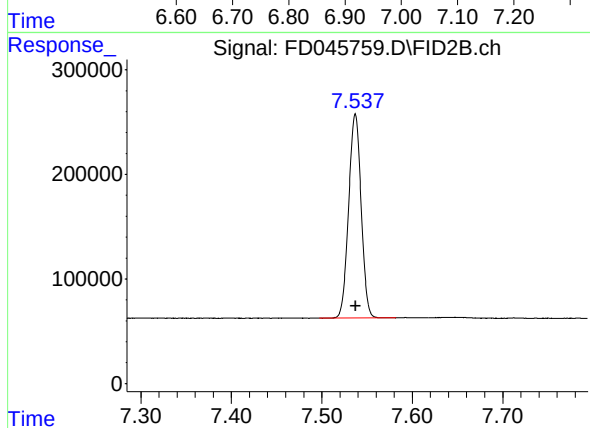
#2 Naphthalene (C11.7)

R.T.: 5.876 min
Delta R.T.: 0.000 min
Response: 2217573
Conc: 10.53 ug/ml



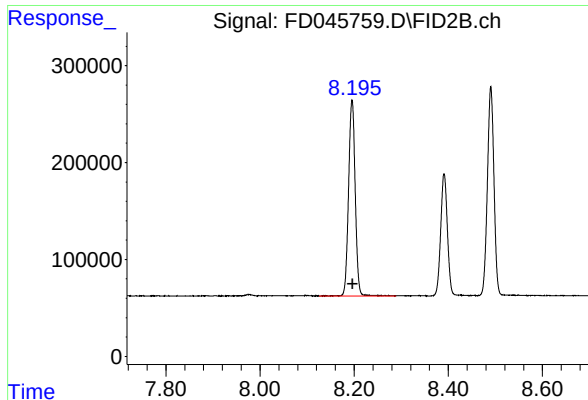
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.926 min
Delta R.T.: 0.000 min
Response: 2197280
Conc: 10.44 ug/ml



#4 2-Bromonaphthalene (SURR)

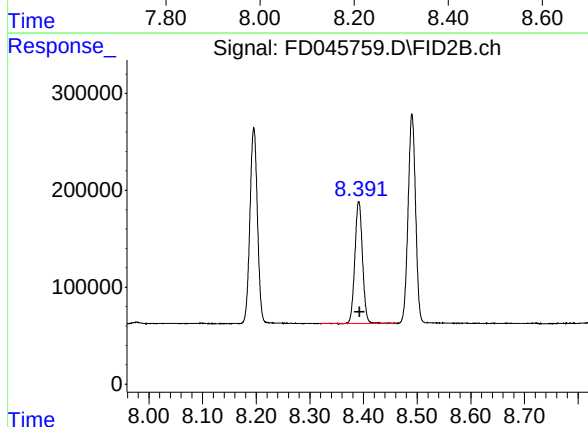
R.T.: 7.537 min
Delta R.T.: 0.000 min
Response: 1870149
Conc: 10.39 ug/ml



#5 Acenaphthylene (C15.06)

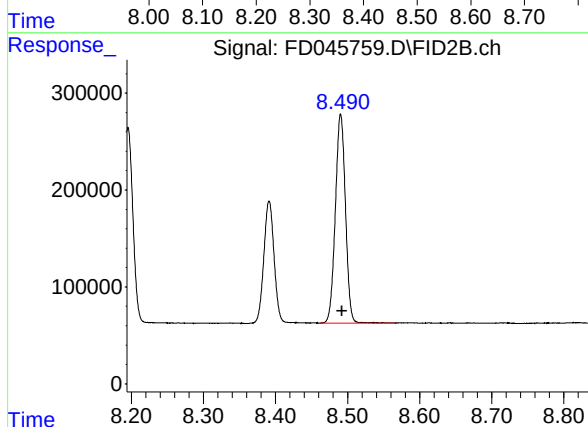
R.T.: 8.196 min
Delta R.T.: -0.001 min
Response: 1977193
Conc: 10.43 ug/ml

Instrument :
FID_D
ClientSampleId :



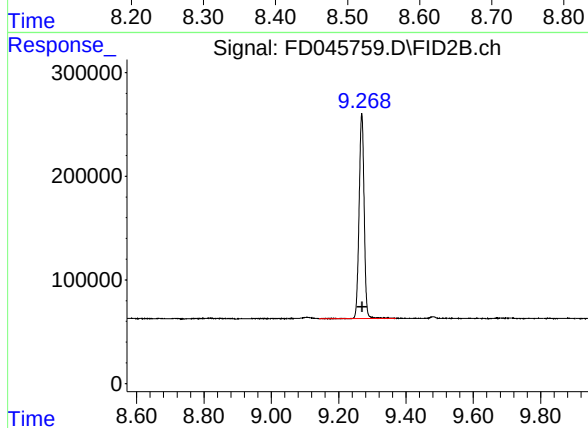
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.391 min
Delta R.T.: -0.002 min
Response: 1249292
Conc: 10.36 ug/ml



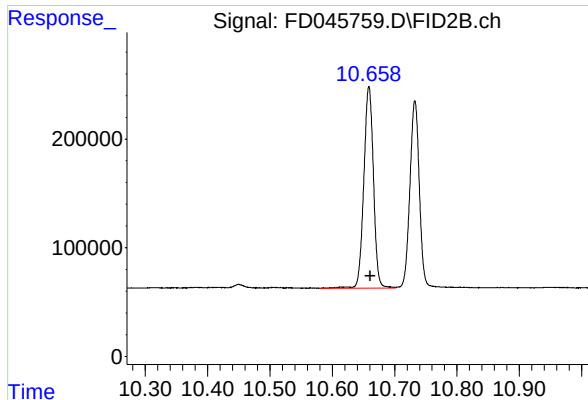
#7 Acenaphthene (C15.5)

R.T.: 8.490 min
Delta R.T.: -0.002 min
Response: 2103070
Conc: 10.42 ug/ml



#8 Flouorene (C16.55)

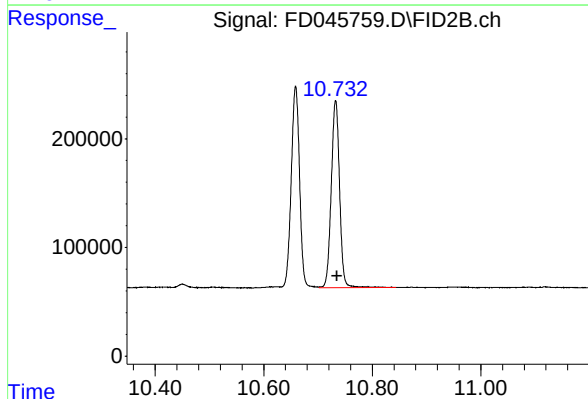
R.T.: 9.269 min
Delta R.T.: -0.002 min
Response: 2059418
Conc: 10.39 ug/ml



#9 Phenanthrene (C19.36)

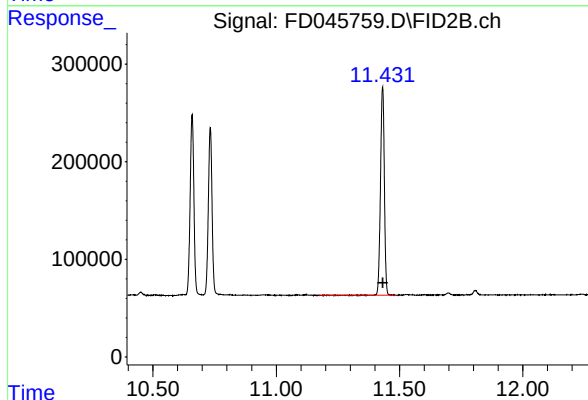
R.T.: 10.659 min
Delta R.T.: -0.002 min
Response: 1992750
Conc: 10.40 ug/ml

Instrument :
FID_D
ClientSampleId :



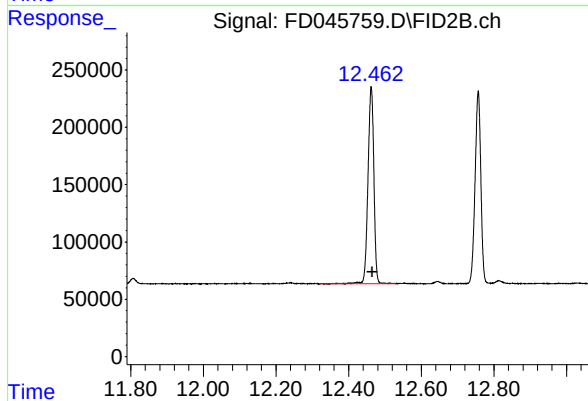
#10 Anthracene (C19.43)

R.T.: 10.733 min
Delta R.T.: -0.003 min
Response: 1830174
Conc: 10.87 ug/ml



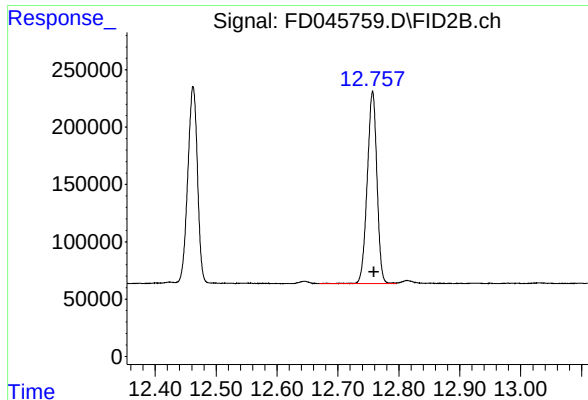
#11 ortho-Terphenyl (SURR)

R.T.: 11.431 min
Delta R.T.: -0.002 min
Response: 2328097
Conc: 10.46 ug/ml



#12 Fluoranthene (C21.85)

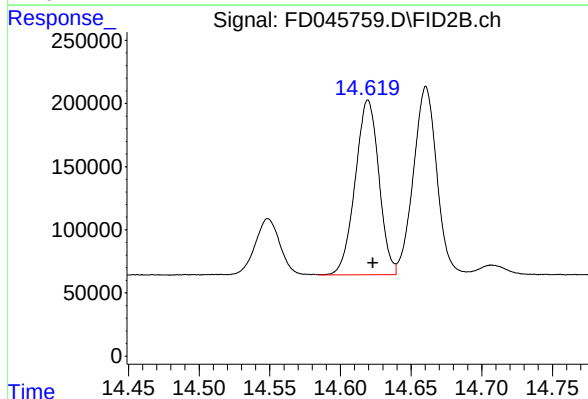
R.T.: 12.462 min
Delta R.T.: -0.003 min
Response: 1931655
Conc: 10.43 ug/ml



#13 Pyrene (C20.8)

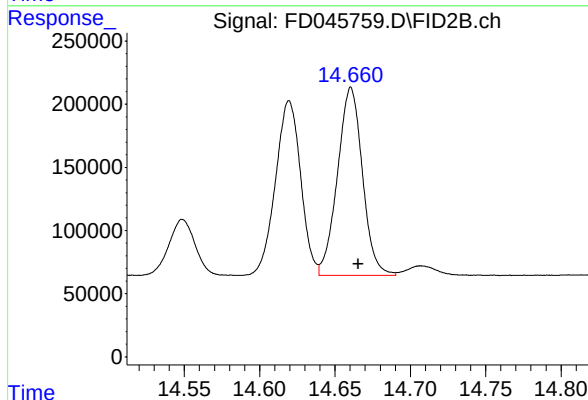
R.T.: 12.757 min
Delta R.T.: -0.003 min
Response: 1854057
Conc: 10.35 ug/ml

Instrument :
FID_D
ClientSampleId :



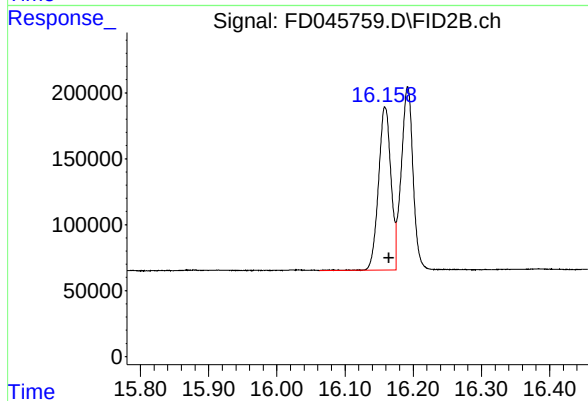
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.620 min
Delta R.T.: -0.003 min
Response: 1613142
Conc: 10.29 ug/ml



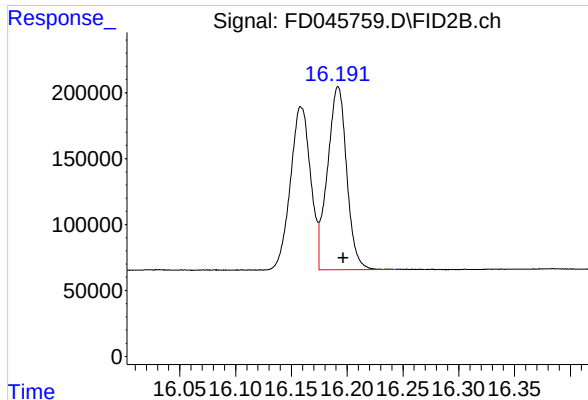
#15 Chrysene (C27.41)

R.T.: 14.661 min
Delta R.T.: -0.005 min
Response: 1718502
Conc: 10.52 ug/ml



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

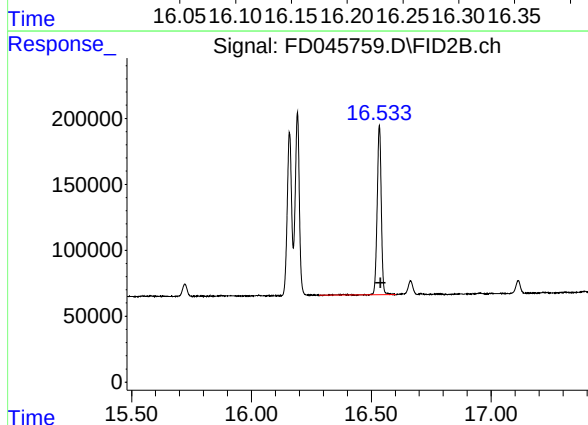
R.T.: 16.159 min
Delta R.T.: -0.006 min
Response: 1562186
Conc: 10.29 ug/ml



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

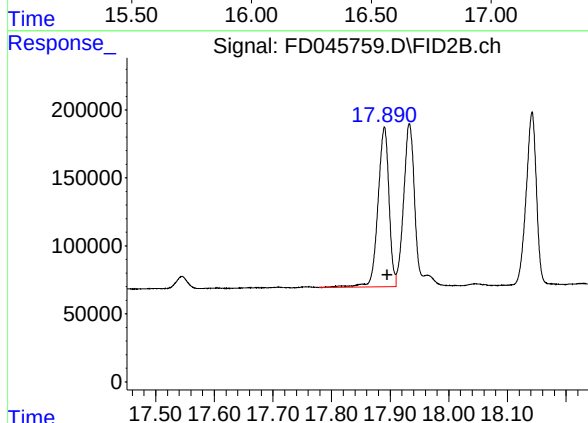
R.T.: 16.192 min
Delta R.T.: -0.005 min
Response: 1664801
Conc: 10.96 ug/ml

Instrument :
FID_D
ClientSampleId :



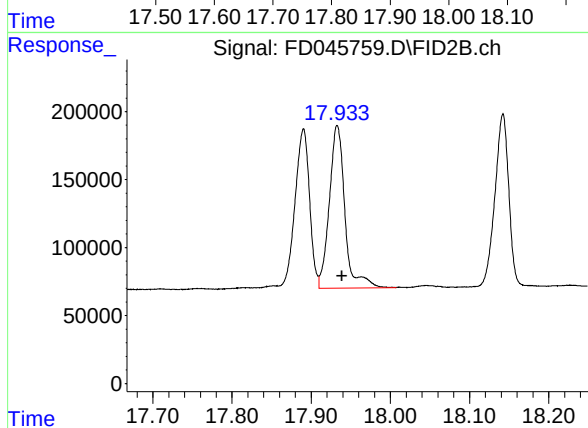
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.533 min
Delta R.T.: -0.006 min
Response: 1533419
Conc: 10.55 ug/ml



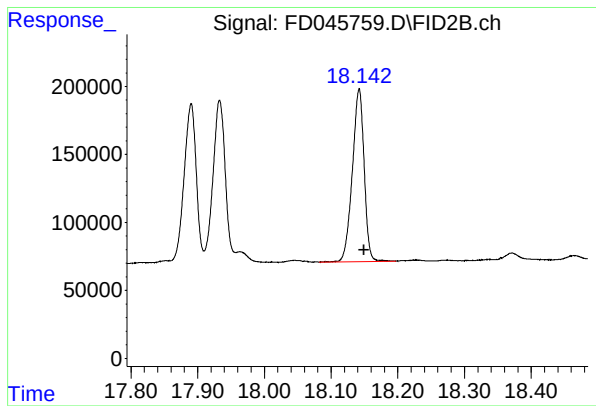
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.890 min
Delta R.T.: -0.005 min
Response: 1542116
Conc: 10.61 ug/ml



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

R.T.: 17.933 min
Delta R.T.: -0.006 min
Response: 1639113
Conc: 11.17 ug/ml



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

R.T.: 18.142 min
Delta R.T.: -0.007 min
Response: 1557011
Conc: 10.62 ug/ml

Instrument :

FID_D

ClientSampleId :