

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100423AR\
 Data File : FD046637.D
 Signal(s) : FID2B.ch
 Acq On : 04 Oct 2023 17:19
 Operator : YP/AJ
 Sample : PB156099BS
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Oct 05 00:15:02 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:47:22 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...	7.490	7178660	40.736 ug/ml
Spiked Amount 50.000		Recovery =	81.47%
6) S 2-Fluorobiphenyl (SURR)	8.344	4714920	40.695 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	81.39%
11) S ortho-Terphenyl (SURR)	11.382	7487538	36.752 ug/ml
Spiked Amount 50.000		Recovery =	73.50%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.301	6090942	32.978 ug/ml
2) T Naphthalene (C11.7)	5.828	6961855	36.028 ug/ml
3) T 2-Methylnaphthalene (...)	6.878	7145381	36.872 ug/ml
5) T Acenaphthylene (C15.06)	8.148	7615603	43.191 ug/ml
7) T Acenaphthene (C15.5)	8.444	7519699	40.021 ug/ml
8) T Fluorene (C16.55)	9.222	7901042	43.800 ug/ml
9) T Phenanthrene (C19.36)	10.612	8196079	46.615 ug/ml
10) T Anthracene (C19.43)	10.688	8100676	52.741 ug/ml
12) T Fluoranthene (C21.85)	12.417	8486715	49.793 ug/ml
13) T Pyrene (C20.8)	12.711	8520082	51.936 ug/ml
14) T Benzo[a]anthracene (C...	14.575	7695771	55.114 ug/ml
15) T Chrysene (C27.41)	14.619	7661259	50.469 ug/ml
16) T benzo[b]fluoranthene ...	16.118	7398261	53.936 ug/ml
17) T Bnezo[k]fluoranthene ...	16.153	7225628	52.162 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.493	6928666	51.792 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.853	6998492	55.832 ug/ml
20) T Dibenz[a,h]anthracene...	17.892	6439344	48.391 ug/ml
21) T Benzo[g,h,i]perylene ...	18.106	6601475	50.059 ug/ml

(f)=RT Delta > 1/2 Window

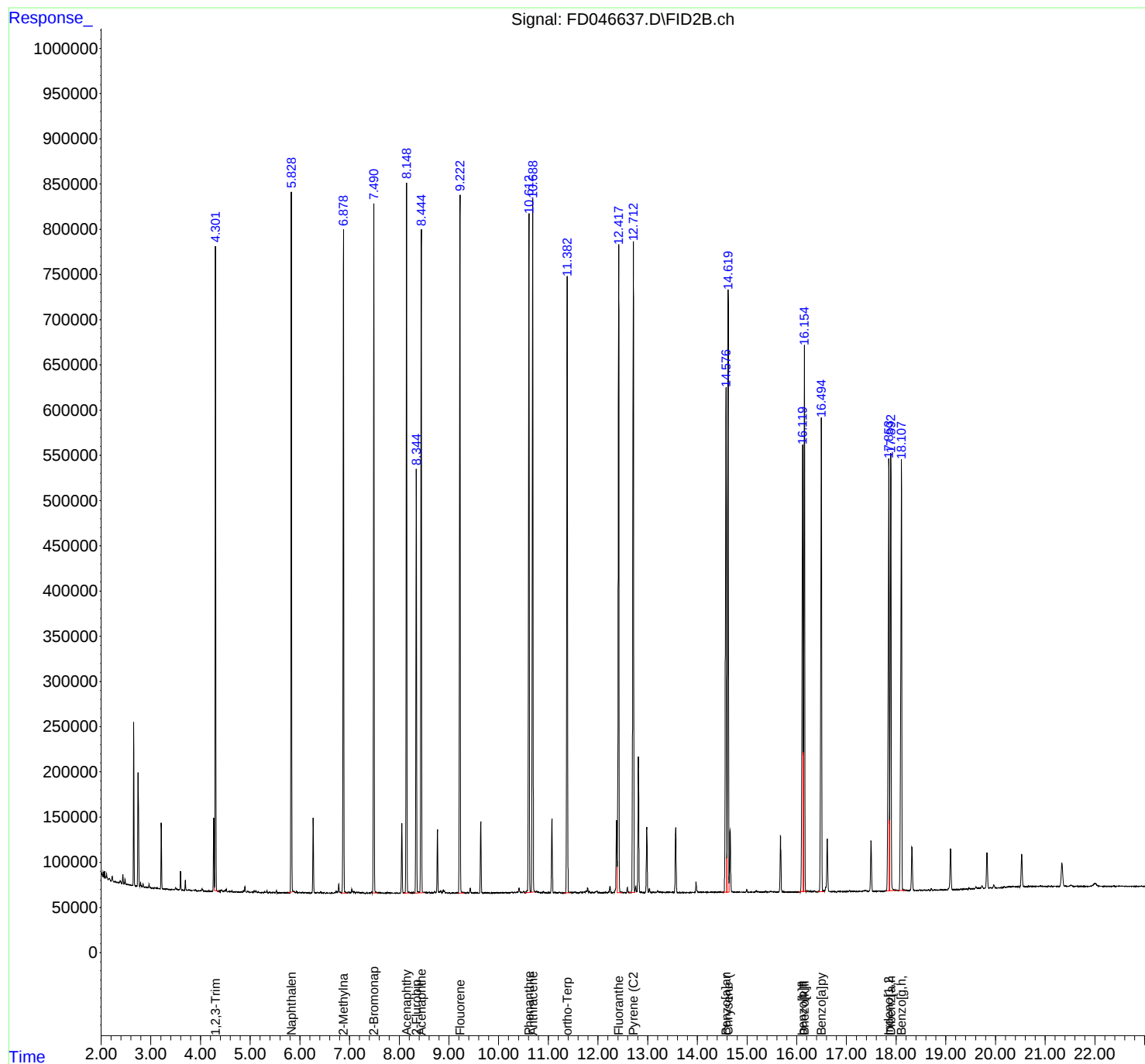
(m)=manual int.

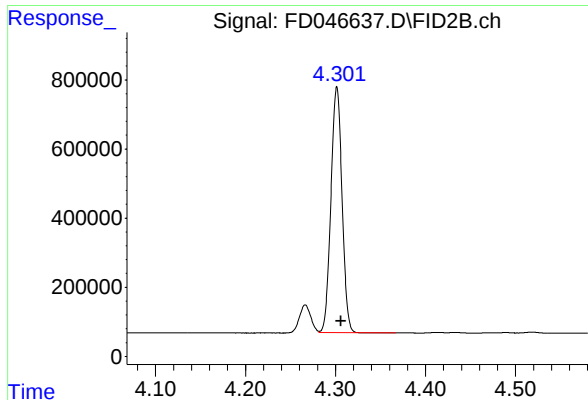
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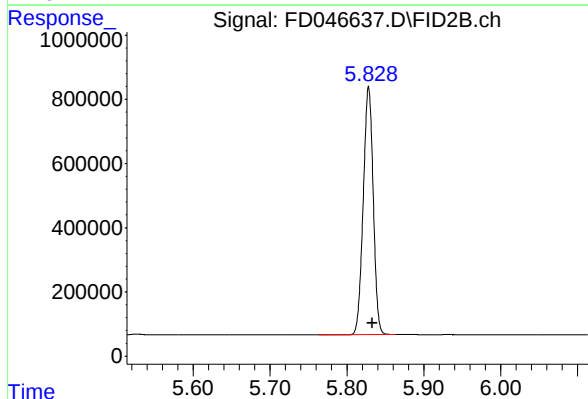




#1 1,2,3-Trimethylbenzene (C10.1)

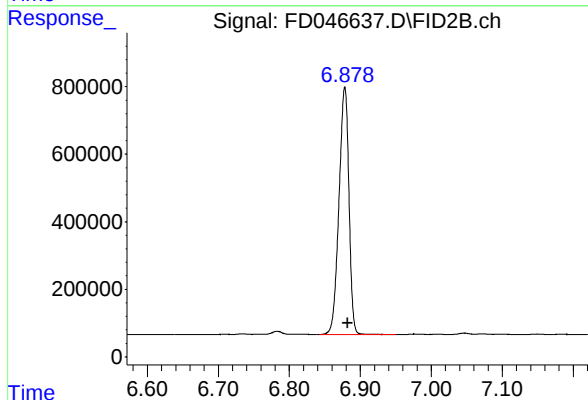
R.T.: 4.301 min
Delta R.T.: -0.005 min
Response: 6090942
Conc: 32.98 ug/ml

Instrument :
FID_D
ClientSampleId :



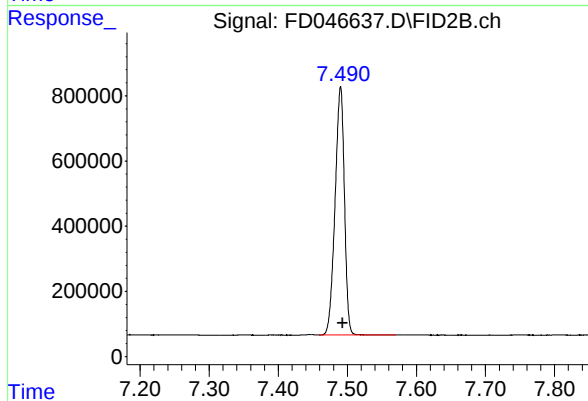
#2 Naphthalene (C11.7)

R.T.: 5.828 min
Delta R.T.: -0.005 min
Response: 6961855
Conc: 36.03 ug/ml



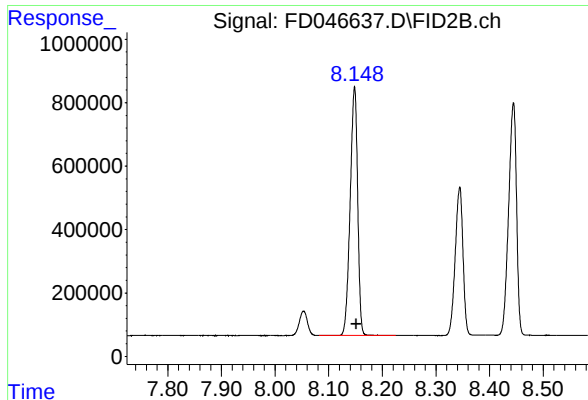
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.878 min
Delta R.T.: -0.004 min
Response: 7145381
Conc: 36.87 ug/ml



#4 2-Bromonaphthalene (SURR)

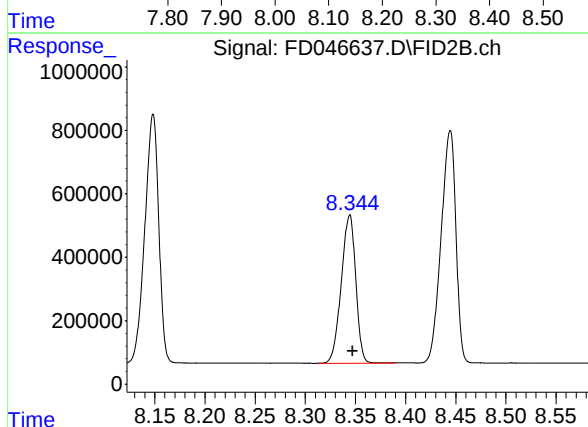
R.T.: 7.490 min
Delta R.T.: -0.004 min
Response: 7178660
Conc: 40.74 ug/ml



#5 Acenaphthylene (C15.06)

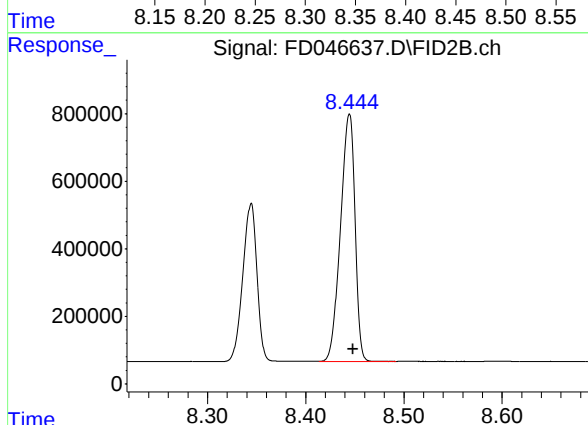
R.T.: 8.148 min
Delta R.T.: -0.003 min
Response: 7615603
Conc: 43.19 ug/ml

Instrument :
FID_D
ClientSampleId :



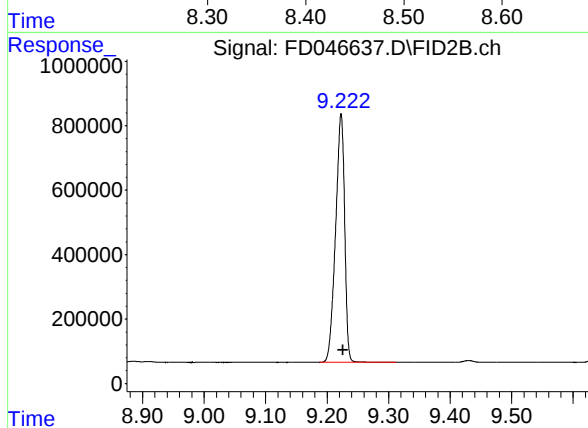
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.344 min
Delta R.T.: -0.003 min
Response: 4714920
Conc: 40.70 ug/ml



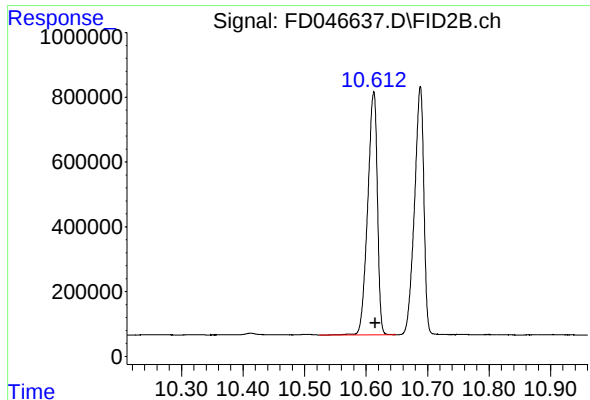
#7 Acenaphthene (C15.5)

R.T.: 8.444 min
Delta R.T.: -0.004 min
Response: 7519699
Conc: 40.02 ug/ml



#8 Fluorene (C16.55)

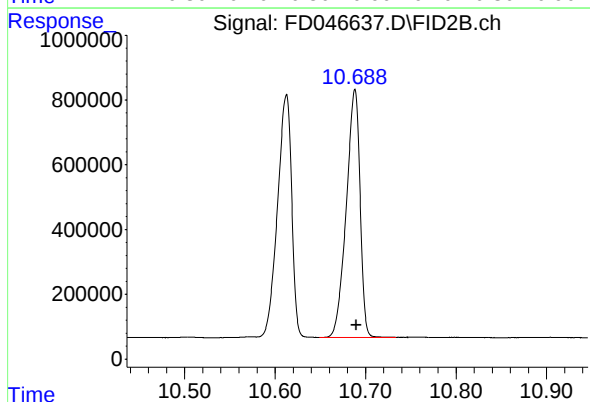
R.T.: 9.222 min
Delta R.T.: -0.004 min
Response: 7901042
Conc: 43.80 ug/ml



#9 Phenanthrene (C19.36)

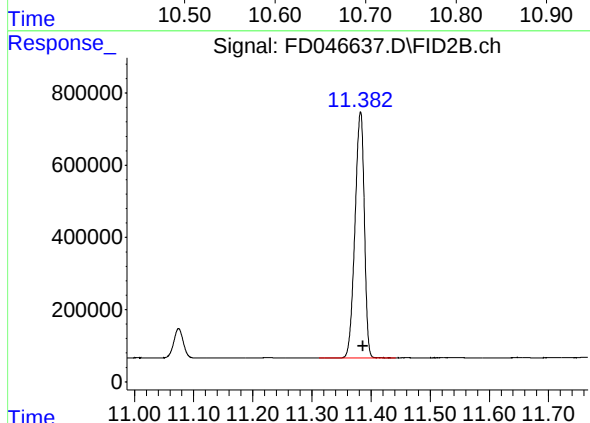
R.T.: 10.612 min
Delta R.T.: -0.003 min
Response: 8196079
Conc: 46.62 ug/ml

Instrument :
FID_D
ClientSampleId :



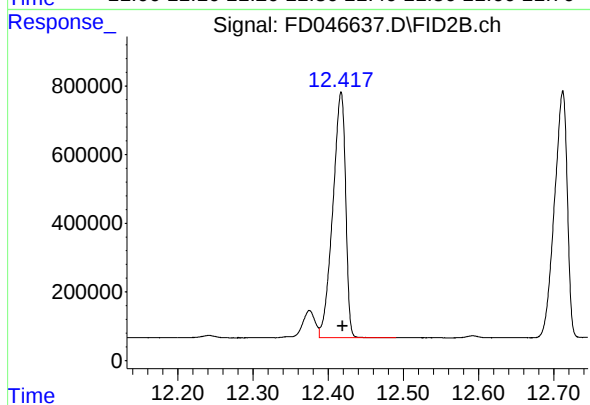
#10 Anthracene (C19.43)

R.T.: 10.688 min
Delta R.T.: -0.002 min
Response: 8100676
Conc: 52.74 ug/ml



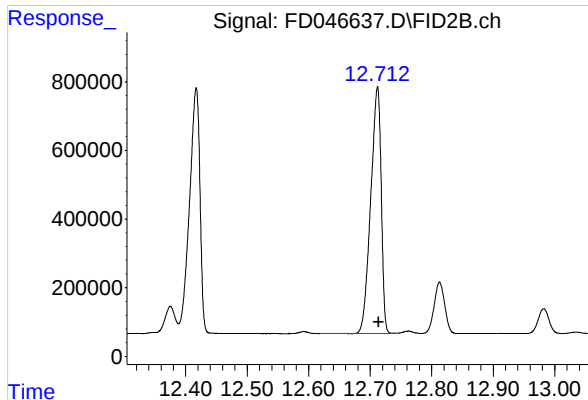
#11 ortho-Terphenyl (SURR)

R.T.: 11.382 min
Delta R.T.: -0.005 min
Response: 7487538
Conc: 36.75 ug/ml



#12 Fluoranthene (C21.85)

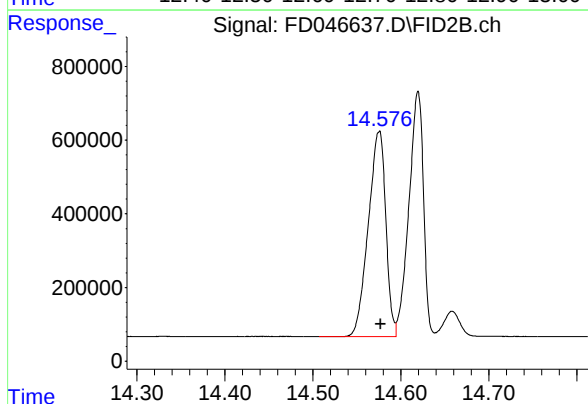
R.T.: 12.417 min
Delta R.T.: -0.003 min
Response: 8486715
Conc: 49.79 ug/ml



#13 Pyrene (C20.8)

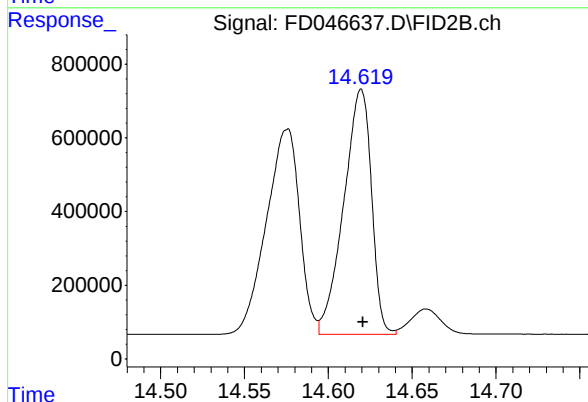
R.T.: 12.711 min
Delta R.T.: -0.002 min
Response: 8520082
Conc: 51.94 ug/ml

Instrument :
FID_D
ClientSampleId :



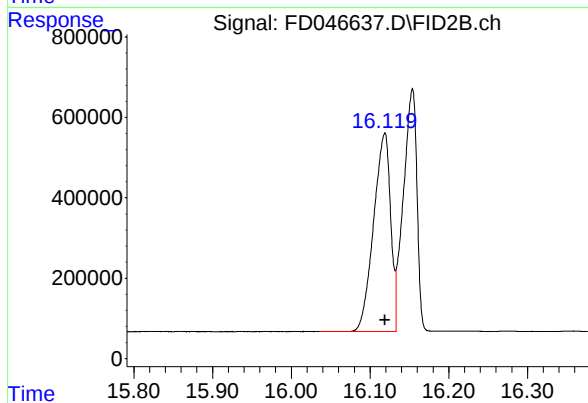
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.575 min
Delta R.T.: -0.002 min
Response: 7695771
Conc: 55.11 ug/ml



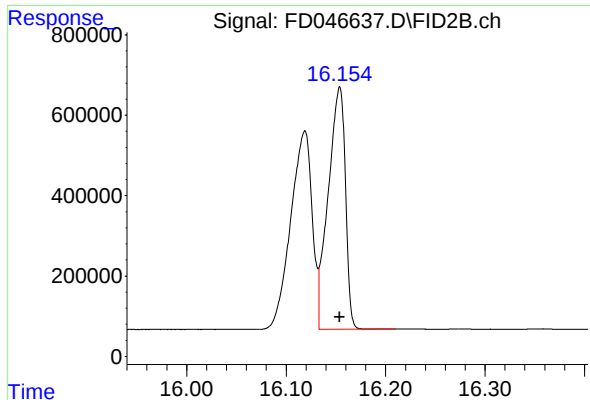
#15 Chrysene (C27.41)

R.T.: 14.619 min
Delta R.T.: -0.001 min
Response: 7661259
Conc: 50.47 ug/ml



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

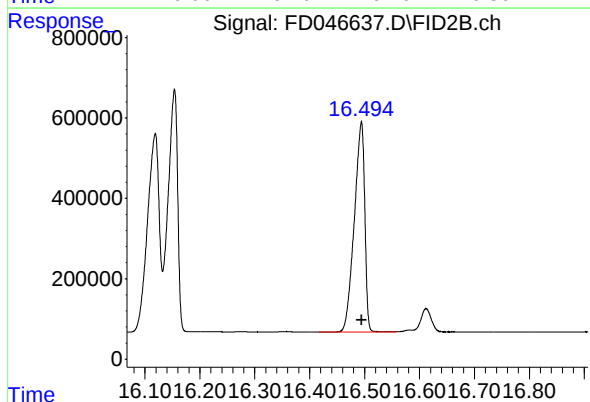
R.T.: 16.118 min
Delta R.T.: 0.000 min
Response: 7398261
Conc: 53.94 ug/ml



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

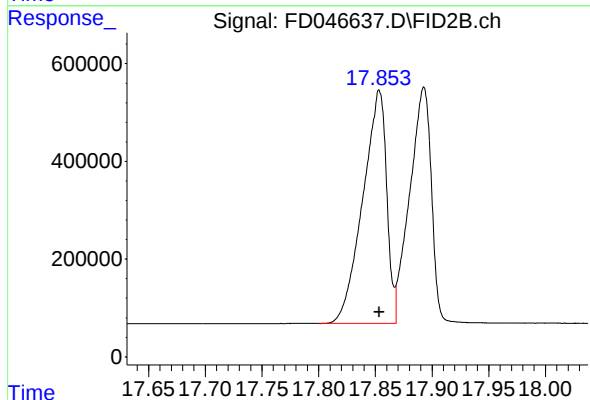
R.T.: 16.153 min
Delta R.T.: 0.000 min
Response: 7225628
Conc: 52.16 ug/ml

Instrument :
FID_D
ClientSampleId :



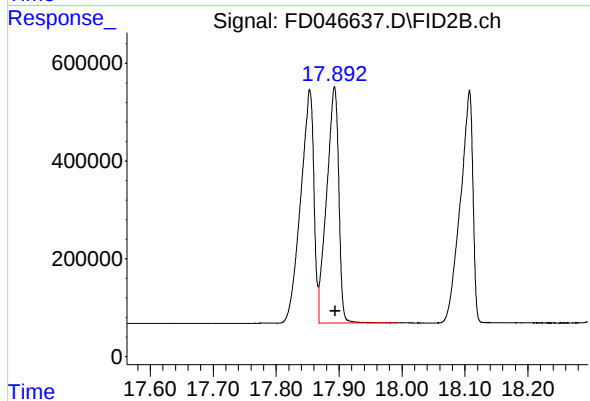
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.493 min
Delta R.T.: -0.001 min
Response: 6928666
Conc: 51.79 ug/ml



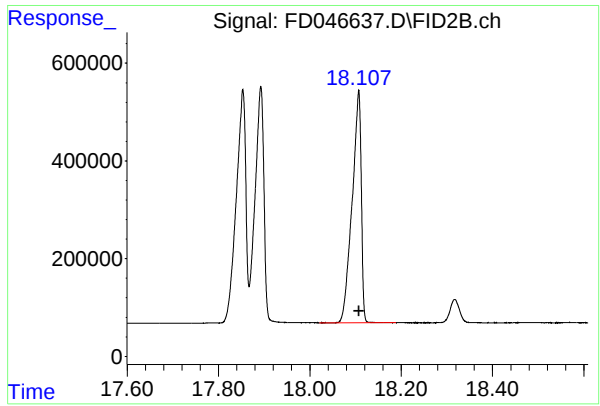
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.853 min
Delta R.T.: 0.000 min
Response: 6998492
Conc: 55.83 ug/ml



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

R.T.: 17.892 min
Delta R.T.: -0.002 min
Response: 6439344
Conc: 48.39 ug/ml



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

R.T.: 18.106 min
Delta R.T.: -0.002 min
Response: 6601475
Conc: 50.06 ug/ml

Instrument :
FID_D
ClientSampleId :