

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD013123AR\
 Data File : FD044944.D
 Signal(s) : FID2B.ch
 Acq On : 31 Jan 2023 21:23
 Operator : YP/AJ
 Sample : PB150569BS
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 01 03:45:10 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 012323.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 23 15:00:18 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...	7.559	6384899	43.535 ug/ml
Spiked Amount 50.000		Recovery =	87.07%
6) S 2-Fluorobiphenyl (SURR)	8.415	4151080	41.589 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	83.18%
11) S ortho-Terphenyl (SURR)	11.455	6575296	35.378 ug/ml
Spiked Amount 50.000		Recovery =	70.76%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.366	4562614	28.583 ug/ml
2) T Naphthalene (C11.7)	5.898	5218031	30.797 ug/ml
3) T 2-Methylnaphthalene (...)	6.947	5201846	30.321 ug/ml
5) T Acenaphthylene (C15.06)	8.220	5721935	36.413 ug/ml
7) T Acenaphthene (C15.5)	8.516	5832642	35.080 ug/ml
8) T Fluorene (C16.55)	9.294	5928156	36.117 ug/ml
9) T Phenanthrene (C19.36)	10.685	6051533	37.428 ug/ml
10) T Anthracene (C19.43)	10.760	5955573	40.173 ug/ml
12) T Fluoranthene (C21.85)	12.490	6034974	37.709 ug/ml
13) T Pyrene (C20.8)	12.786	6002520	38.253 ug/ml
14) T Benzo[a]anthracene (C...	14.652	5602219	39.252 ug/ml
15) T Chrysene (C27.41)	14.695	5534949	37.382 ug/ml
16) T benzo[b]fluoranthene ...	16.197	5555358	38.294 ug/ml
17) T Bnezo[k]fluoranthene ...	16.231	5250962	36.830 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.572	4905734	35.107 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.932	5116039	38.017 ug/ml
20) T Dibenz[a,h]anthracene...	17.972	4978301	37.567 ug/ml
21) T Benzo[g,h,i]perylene ...	18.186	5054701	37.176 ug/ml

(f)=RT Delta > 1/2 Window

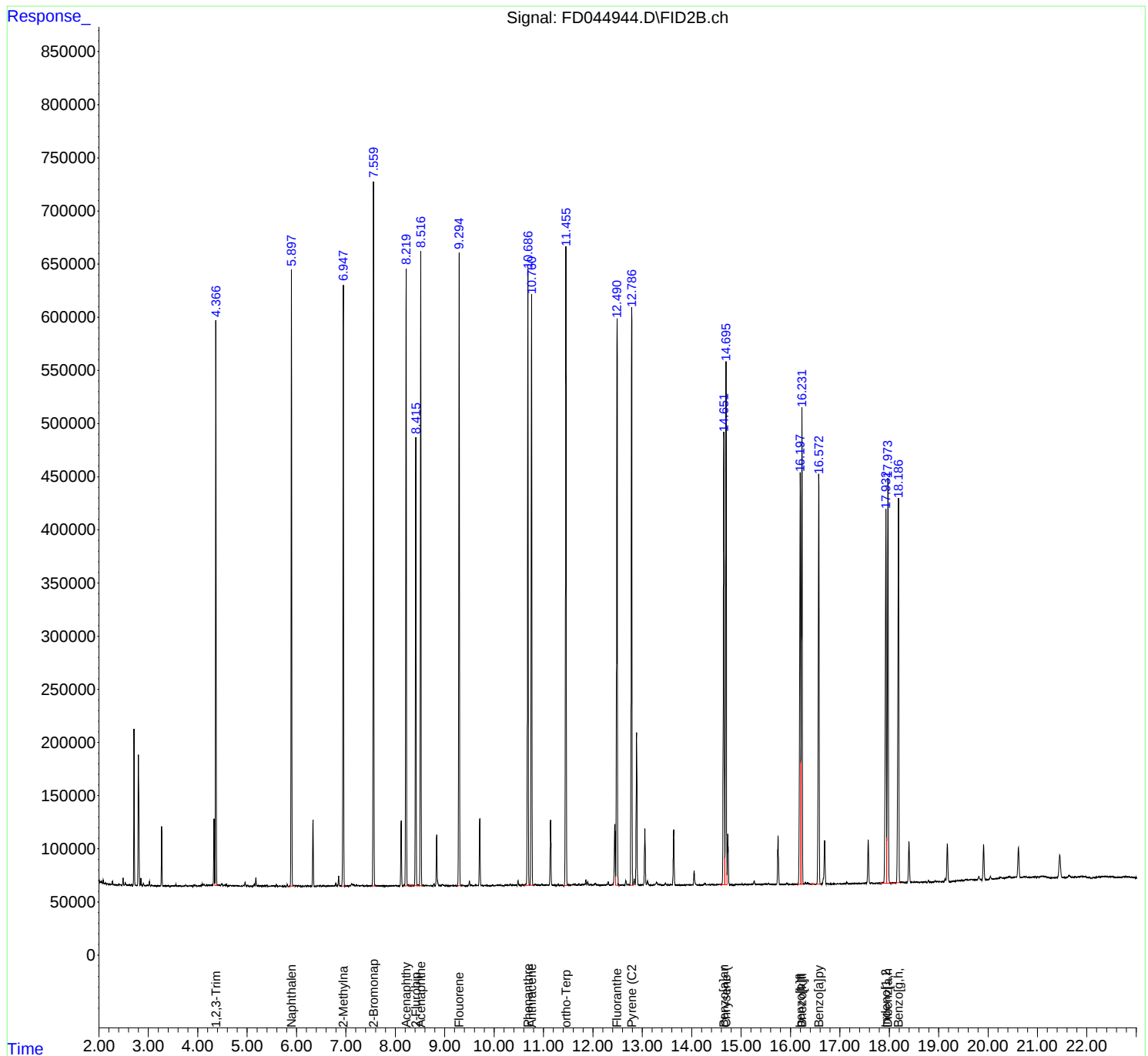
(m)=manual int.

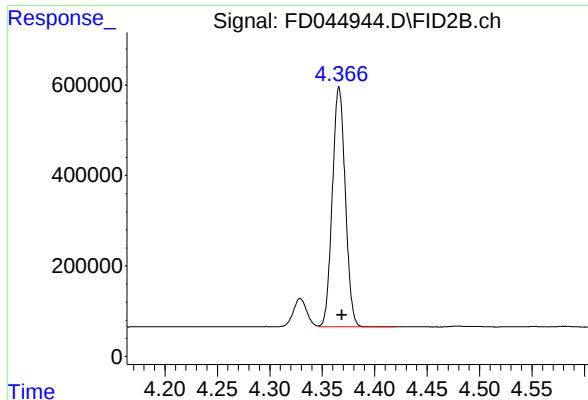
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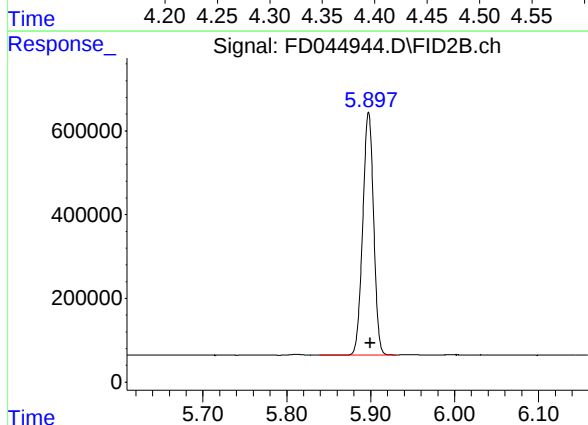




#1 1,2,3-Trimethylbenzene (C10.1)

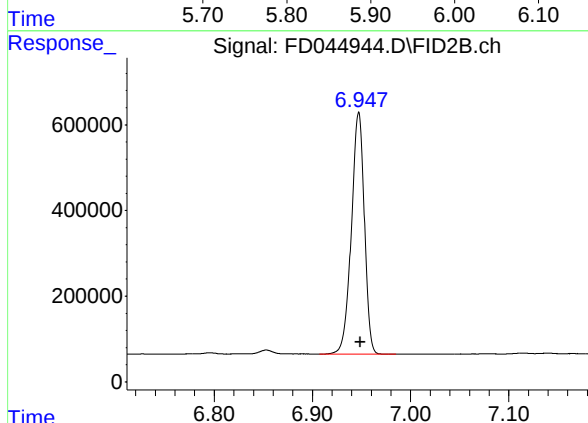
R.T.: 4.366 min
Delta R.T.: -0.003 min
Response: 4562614
Conc: 28.58 ug/ml

Instrument :
FID_D
ClientSampleId :



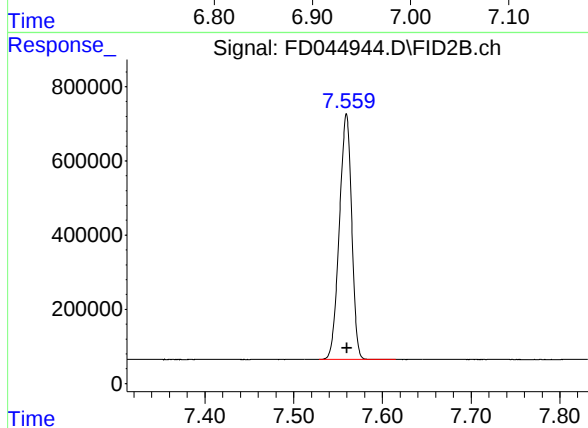
#2 Naphthalene (C11.7)

R.T.: 5.898 min
Delta R.T.: -0.002 min
Response: 5218031
Conc: 30.80 ug/ml



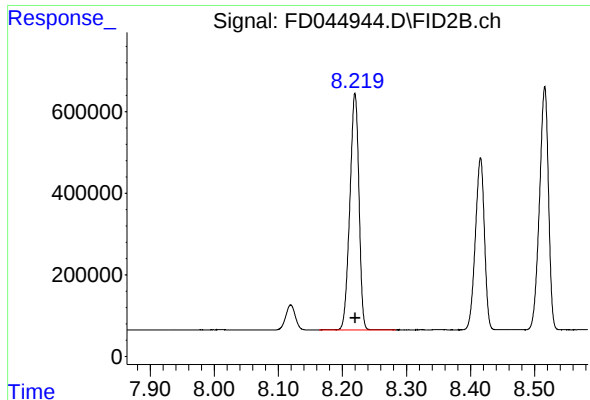
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.947 min
Delta R.T.: -0.002 min
Response: 5201846
Conc: 30.32 ug/ml



#4 2-Bromonaphthalene (SURR)

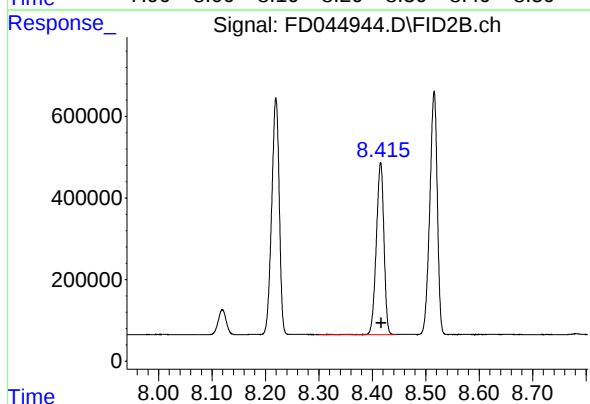
R.T.: 7.559 min
Delta R.T.: 0.000 min
Response: 6384899
Conc: 43.54 ug/ml



#5 Acenaphthylene (C15.06)

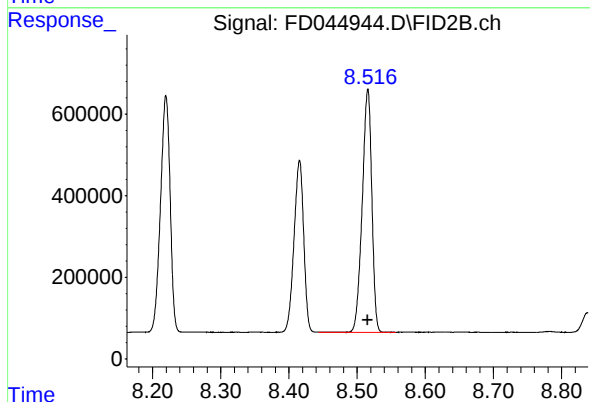
R.T.: 8.220 min
Delta R.T.: 0.000 min
Response: 5721935
Conc: 36.41 ug/ml

Instrument :
FID_D
ClientSampleId :



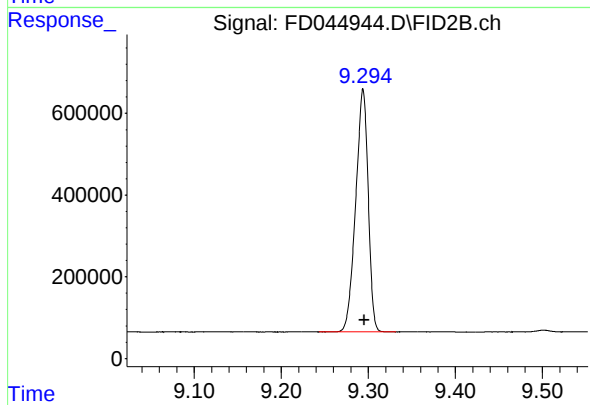
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.415 min
Delta R.T.: -0.001 min
Response: 4151080
Conc: 41.59 ug/ml



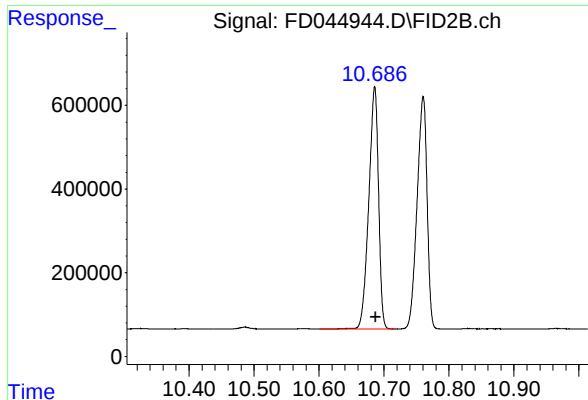
#7 Acenaphthene (C15.5)

R.T.: 8.516 min
Delta R.T.: 0.000 min
Response: 5832642
Conc: 35.08 ug/ml



#8 Flouorene (C16.55)

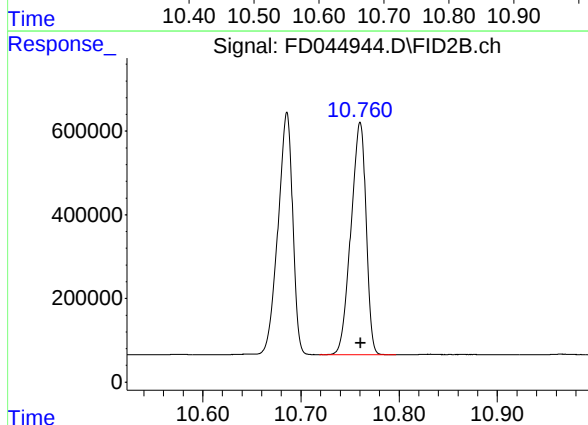
R.T.: 9.294 min
Delta R.T.: -0.001 min
Response: 5928156
Conc: 36.12 ug/ml



#9 Phenanthrene (C19.36)

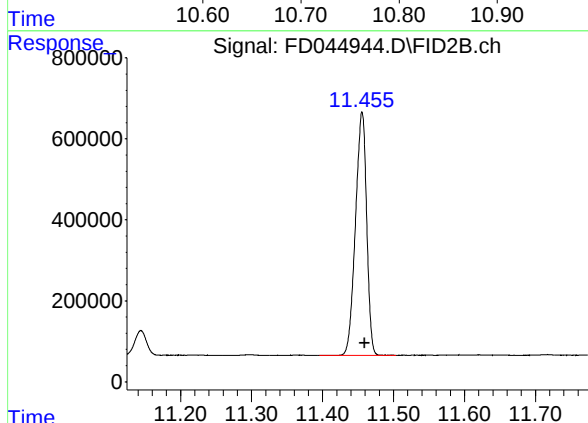
R.T.: 10.685 min
Delta R.T.: -0.002 min
Response: 6051533
Conc: 37.43 ug/ml

Instrument :
FID_D
ClientSampleId :



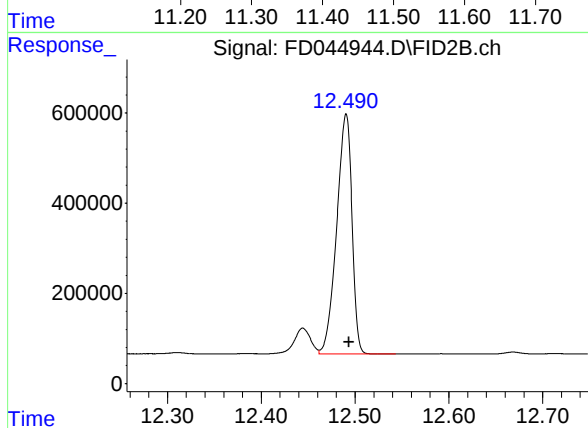
#10 Anthracene (C19.43)

R.T.: 10.760 min
Delta R.T.: 0.000 min
Response: 5955573
Conc: 40.17 ug/ml



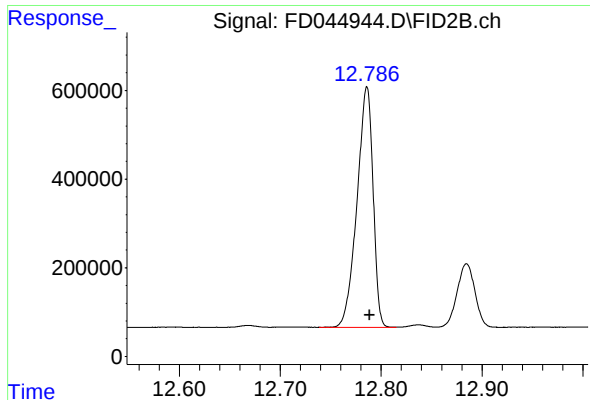
#11 ortho-Terphenyl (SURR)

R.T.: 11.455 min
Delta R.T.: -0.004 min
Response: 6575296
Conc: 35.38 ug/ml



#12 Fluoranthene (C21.85)

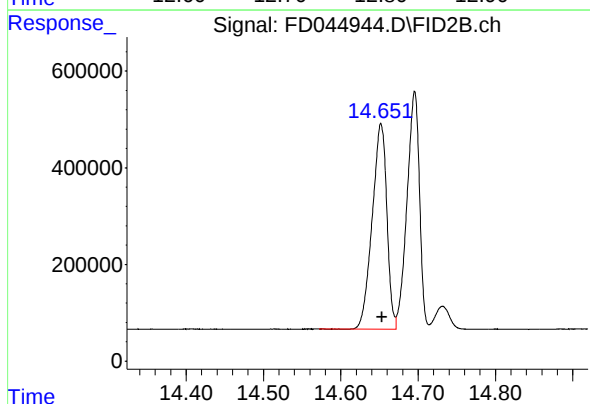
R.T.: 12.490 min
Delta R.T.: -0.003 min
Response: 6034974
Conc: 37.71 ug/ml



#13 Pyrene (C20.8)

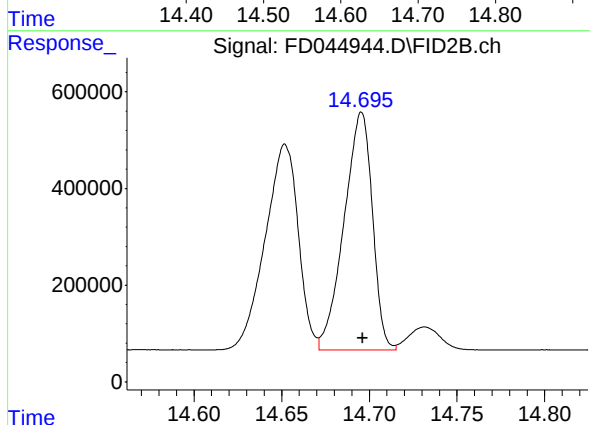
R.T.: 12.786 min
Delta R.T.: -0.003 min
Response: 6002520
Conc: 38.25 ug/ml

Instrument :
FID_D
ClientSampleId :



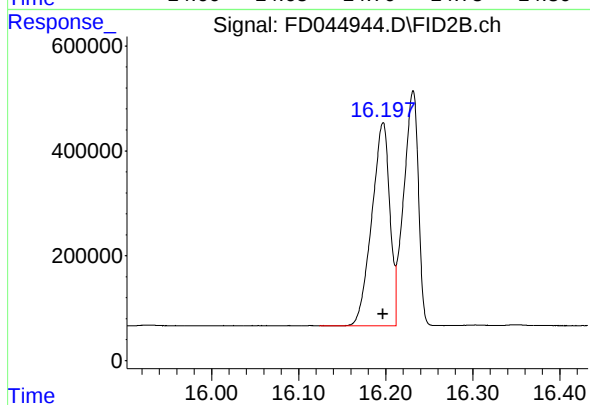
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.652 min
Delta R.T.: -0.002 min
Response: 5602219
Conc: 39.25 ug/ml



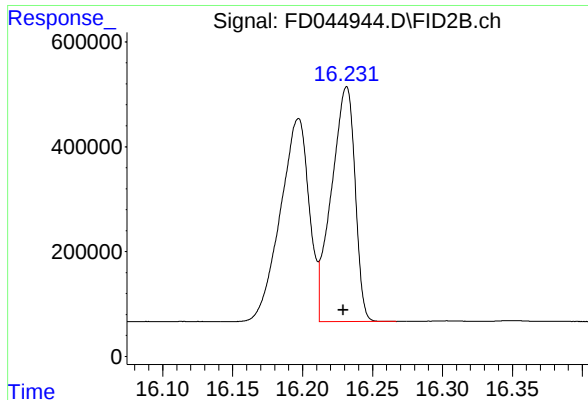
#15 Chrysene (C27.41)

R.T.: 14.695 min
Delta R.T.: 0.000 min
Response: 5534949
Conc: 37.38 ug/ml



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

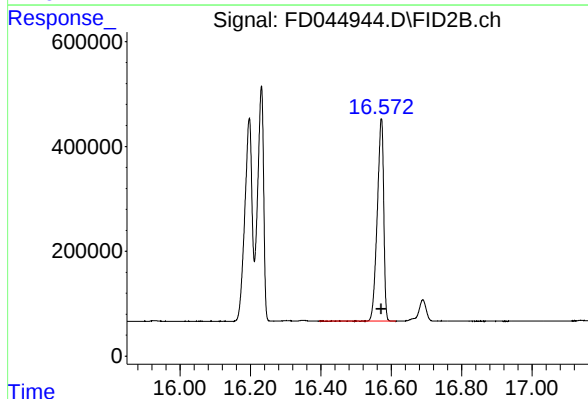
R.T.: 16.197 min
Delta R.T.: 0.000 min
Response: 5553558
Conc: 38.29 ug/ml



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

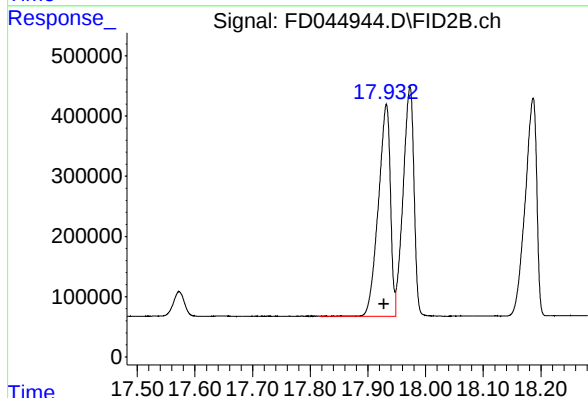
R.T.: 16.231 min
Delta R.T.: 0.002 min
Response: 5250962
Conc: 36.83 ug/ml

Instrument :
FID_D
ClientSampleId :



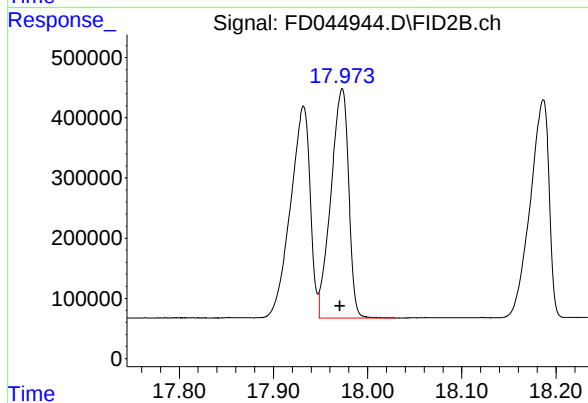
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.572 min
Delta R.T.: 0.000 min
Response: 4905734
Conc: 35.11 ug/ml



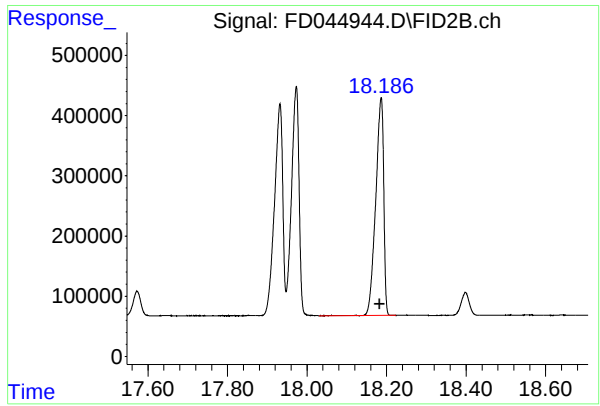
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.932 min
Delta R.T.: 0.004 min
Response: 5116039
Conc: 38.02 ug/ml



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

R.T.: 17.972 min
Delta R.T.: 0.002 min
Response: 4978301
Conc: 37.57 ug/ml



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

R.T.: 18.186 min
Delta R.T.: 0.004 min
Response: 5054701
Conc: 37.18 ug/ml

Instrument :

FID_D

ClientSampleId :