

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020723AR\
 Data File : FD044961.D
 Signal(s) : FID2B.ch
 Acq On : 07 Feb 2023 16:45
 Operator : YP/AJ
 Sample : PB150703BS
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 08 04:07:38 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...	7.557	5953625	40.594 ug/ml
Spiked Amount 50.000		Recovery =	81.19%
6) S 2-Fluorobiphenyl (SURR)	8.414	3947038	39.544 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	79.09%
11) S ortho-Terphenyl (SURR)	11.454	6011686	32.345 ug/ml
Spiked Amount 50.000		Recovery =	64.69%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.365	4552295	28.518 ug/ml
2) T Naphthalene (C11.7)	5.896	5138872	30.330 ug/ml
3) T 2-Methylnaphthalene (...)	6.945	5101876	29.738 ug/ml
5) T Acenaphthylene (C15.06)	8.217	5544540	35.284 ug/ml
7) T Acenaphthene (C15.5)	8.514	5673449	34.122 ug/ml
8) T Fluorene (C16.55)	9.292	5729480	34.907 ug/ml
9) T Phenanthrene (C19.36)	10.684	5806976	35.916 ug/ml
10) T Anthracene (C19.43)	10.758	5722542	38.601 ug/ml
12) T Fluoranthene (C21.85)	12.489	5778983	36.109 ug/ml
13) T Pyrene (C20.8)	12.785	5754797	36.674 ug/ml
14) T Benzo[a]anthracene (C...	14.650	5268895	36.917 ug/ml
15) T Chrysene (C27.41)	14.693	5192886	35.072 ug/ml
16) T benzo[b]fluoranthene ...	16.193	5246227	36.164 ug/ml
17) T Bnezo[k]fluoranthene ...	16.228	4925557	34.548 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.568	4605806	32.960 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.928	4779501	35.517 ug/ml
20) T Dibenz[a,h]anthracene...	17.969	4557277	34.390 ug/ml
21) T Benzo[g,h,i]perylene ...	18.183	4824664	35.484 ug/ml

(f)=RT Delta > 1/2 Window

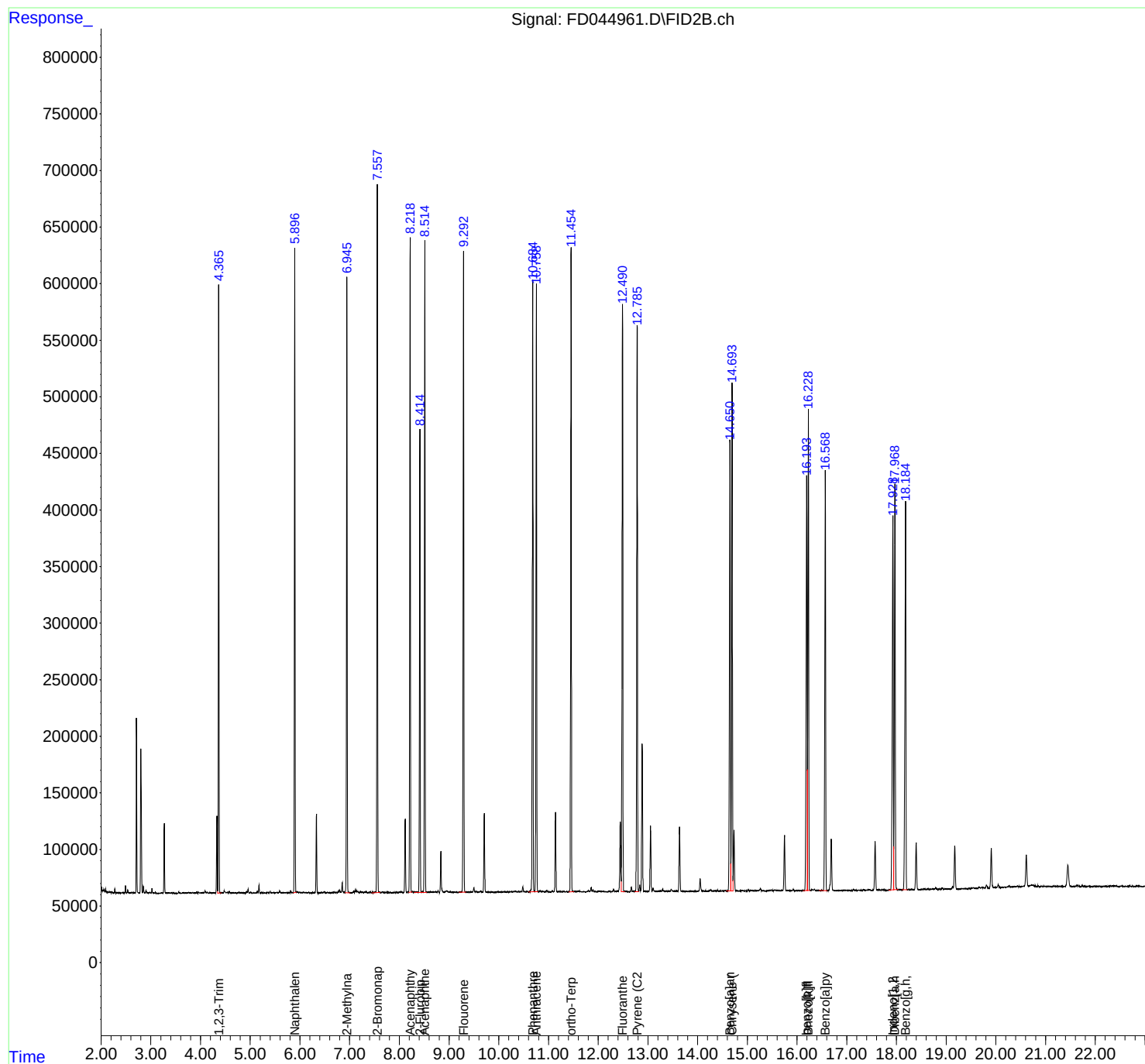
(m)=manual int.

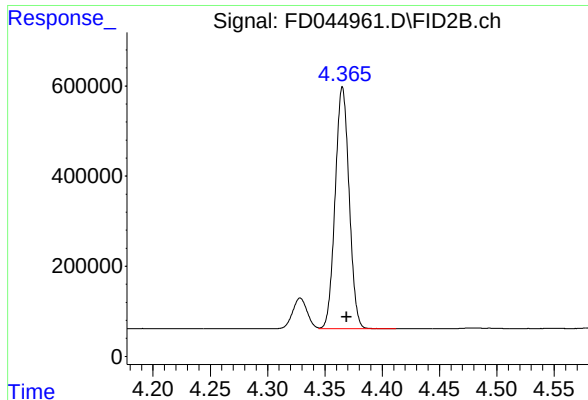
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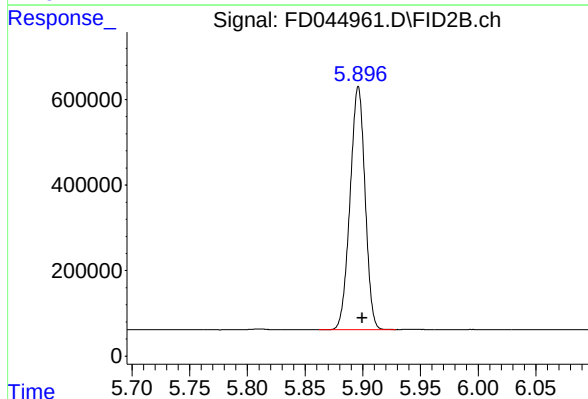




#1 1,2,3-Trimethylbenzene (C10.1)

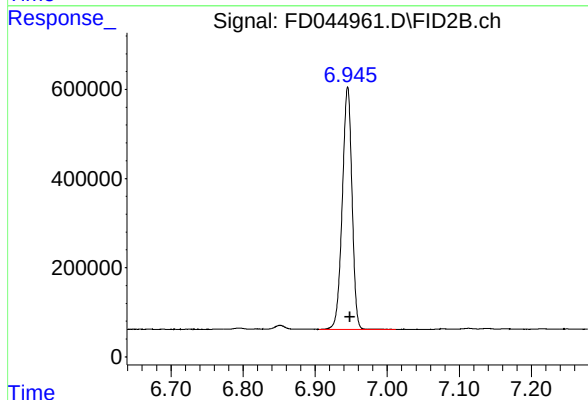
R.T.: 4.365 min
Delta R.T.: -0.004 min
Response: 4552295
Conc: 28.52 ug/ml

Instrument :
FID_D
ClientSampleId :



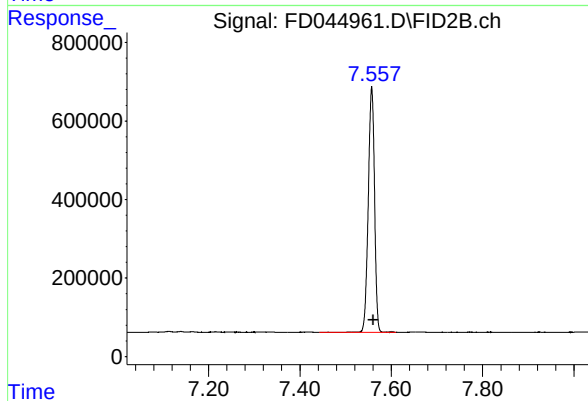
#2 Naphthalene (C11.7)

R.T.: 5.896 min
Delta R.T.: -0.004 min
Response: 5138872
Conc: 30.33 ug/ml



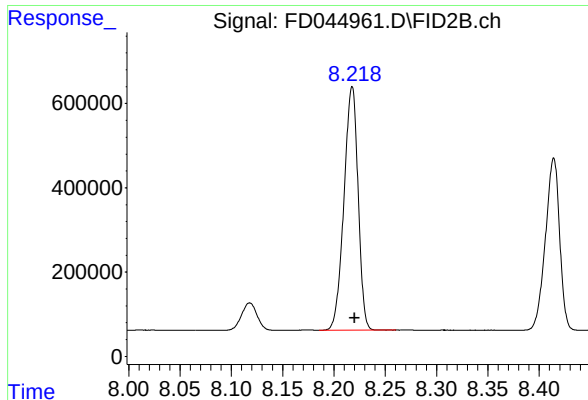
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.945 min
Delta R.T.: -0.004 min
Response: 5101876
Conc: 29.74 ug/ml



#4 2-Bromonaphthalene (SURR)

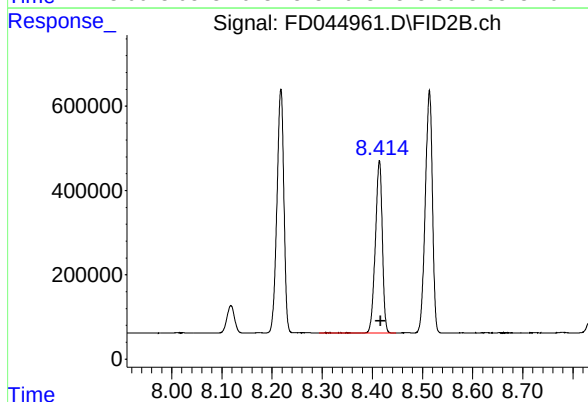
R.T.: 7.557 min
Delta R.T.: -0.003 min
Response: 5953625
Conc: 40.59 ug/ml



#5 Acenaphthylene (C15.06)

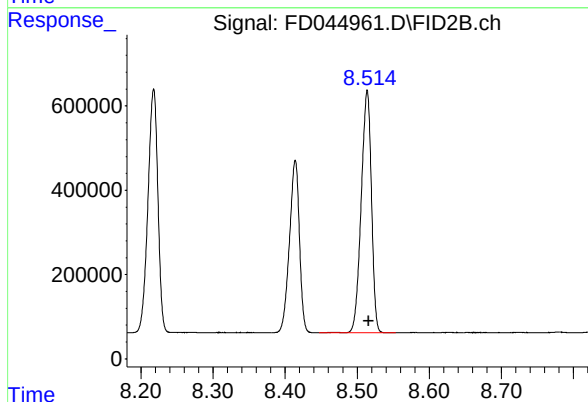
R.T.: 8.217 min
Delta R.T.: -0.003 min
Response: 5544540
Conc: 35.28 ug/ml

Instrument :
FID_D
ClientSampleId :



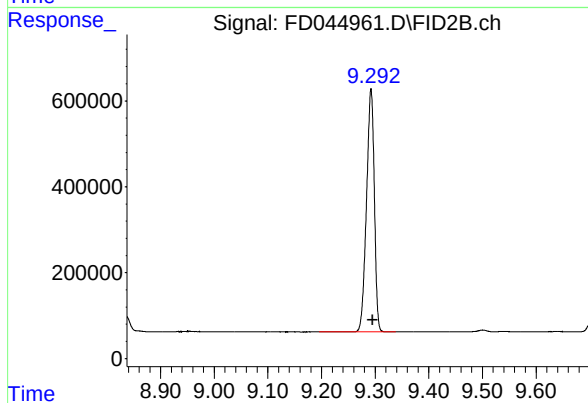
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.414 min
Delta R.T.: -0.003 min
Response: 3947038
Conc: 39.54 ug/ml



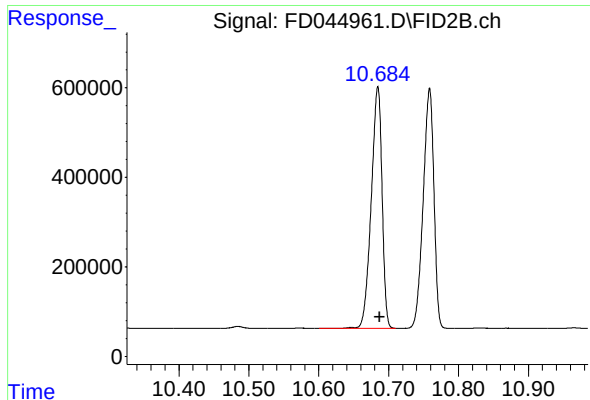
#7 Acenaphthene (C15.5)

R.T.: 8.514 min
Delta R.T.: -0.002 min
Response: 5673449
Conc: 34.12 ug/ml



#8 Fluorene (C16.55)

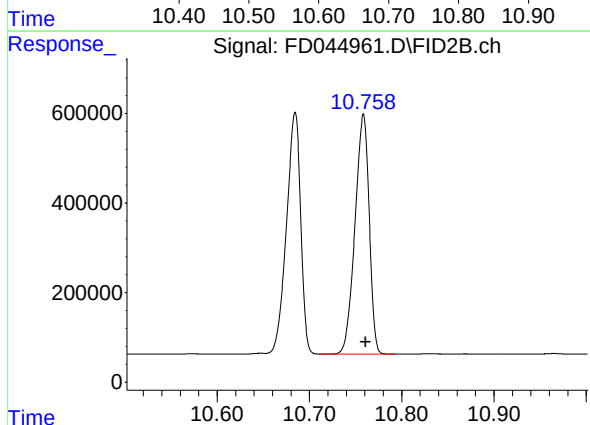
R.T.: 9.292 min
Delta R.T.: -0.003 min
Response: 5729480
Conc: 34.91 ug/ml



#9 Phenanthrene (C19.36)

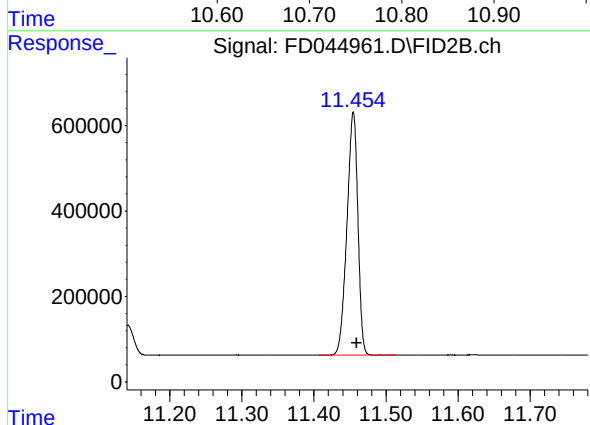
R.T.: 10.684 min
Delta R.T.: -0.003 min
Response: 5806976
Conc: 35.92 ug/ml

Instrument :
FID_D
ClientSampleId :



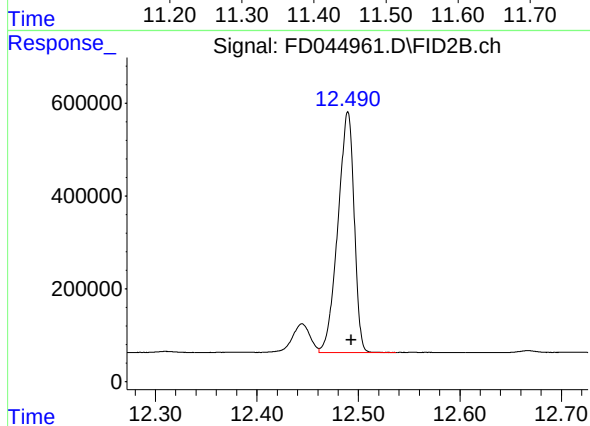
#10 Anthracene (C19.43)

R.T.: 10.758 min
Delta R.T.: -0.003 min
Response: 5722542
Conc: 38.60 ug/ml



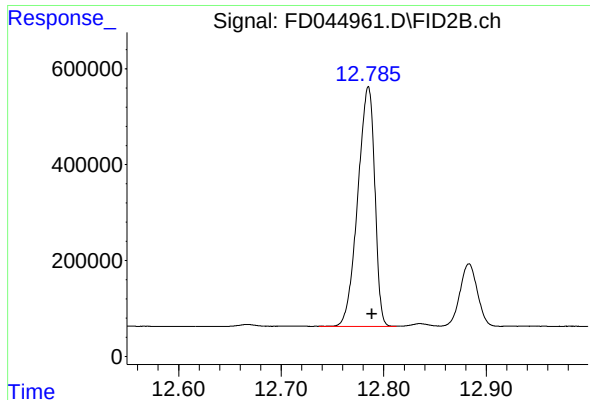
#11 ortho-Terphenyl (SURR)

R.T.: 11.454 min
Delta R.T.: -0.005 min
Response: 6011686
Conc: 32.35 ug/ml



#12 Fluoranthene (C21.85)

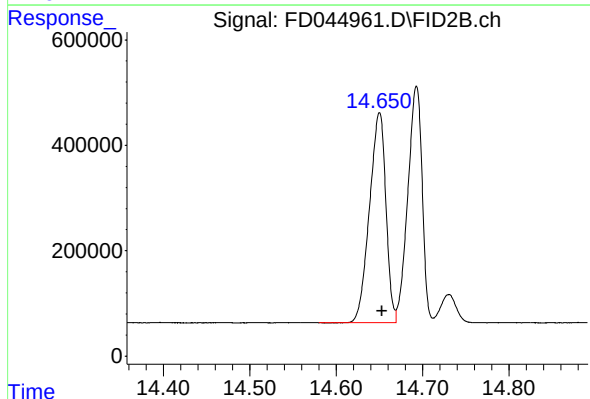
R.T.: 12.489 min
Delta R.T.: -0.004 min
Response: 5778983
Conc: 36.11 ug/ml



#13 Pyrene (C20.8)

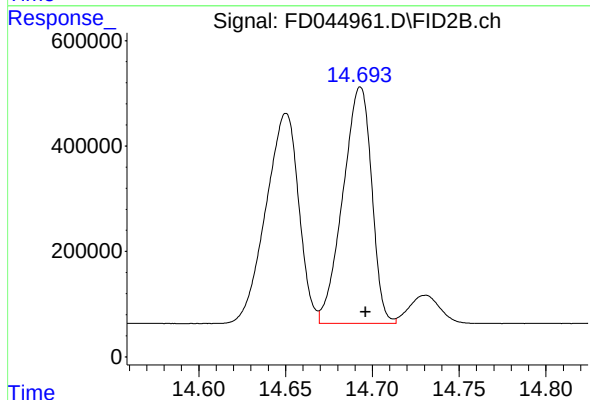
R.T.: 12.785 min
Delta R.T.: -0.004 min
Response: 5754797
Conc: 36.67 ug/ml

Instrument :
FID_D
ClientSampleId :



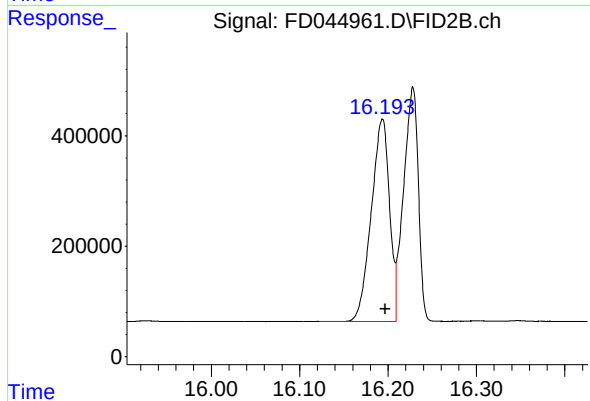
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.650 min
Delta R.T.: -0.003 min
Response: 5268895
Conc: 36.92 ug/ml



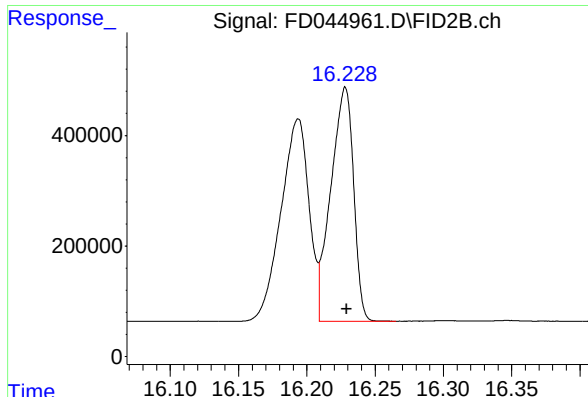
#15 Chrysene (C27.41)

R.T.: 14.693 min
Delta R.T.: -0.003 min
Response: 5192886
Conc: 35.07 ug/ml



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

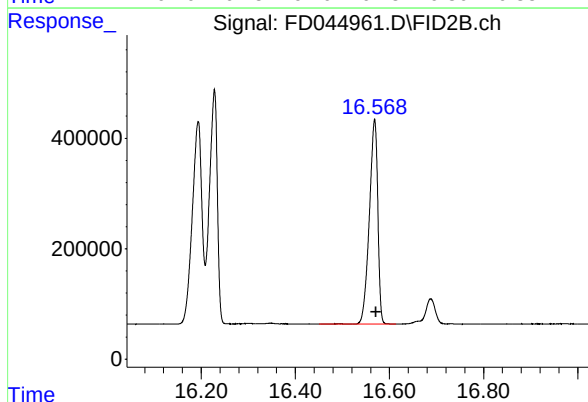
R.T.: 16.193 min
Delta R.T.: -0.004 min
Response: 5246227
Conc: 36.16 ug/ml



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

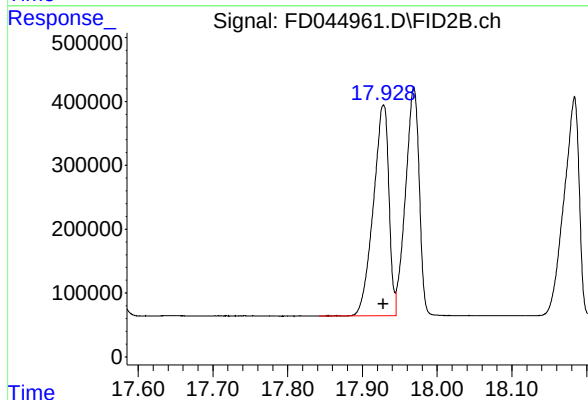
R.T.: 16.228 min
Delta R.T.: -0.001 min
Response: 4925557
Conc: 34.55 ug/ml

Instrument :
FID_D
ClientSampleId :



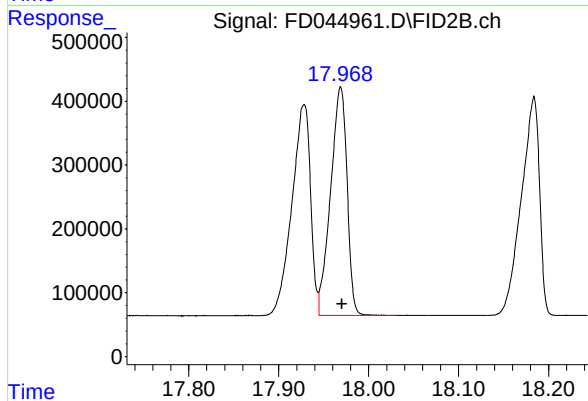
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.568 min
Delta R.T.: -0.004 min
Response: 4605806
Conc: 32.96 ug/ml



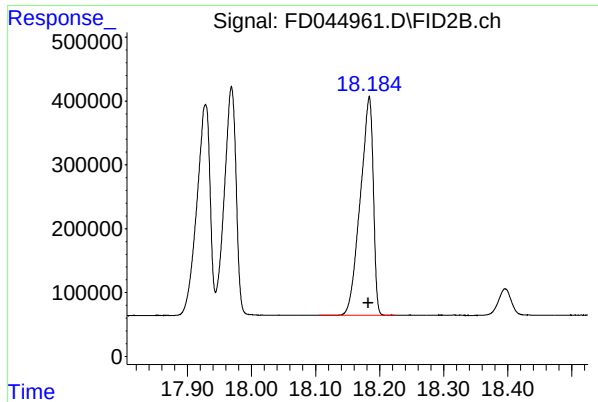
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.928 min
Delta R.T.: 0.000 min
Response: 4779501
Conc: 35.52 ug/ml



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

R.T.: 17.969 min
Delta R.T.: -0.002 min
Response: 4557277
Conc: 34.39 ug/ml



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

R.T.: 18.183 min

Delta R.T.: 0.000 min

Response: 4824664

Conc: 35.48 ug/ml

Instrument :

FID_D

ClientSampleId :