

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022023AR\
 Data File : FD045066.D
 Signal(s) : FID2B.ch
 Acq On : 20 Feb 2023 17:05
 Operator : YP/AJ
 Sample : PB150938BS
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 21 04:24:19 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	5966998	40.686 ug/ml
Spiked Amount 50.000		Recovery =	81.37%
6) S 2-Fluorobiphenyl (SURR)	8.413	3930396	39.378 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	78.76%
11) S ortho-Terphenyl (SURR)	11.454	6379164	34.323 ug/ml
Spiked Amount 50.000		Recovery =	68.65%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.364	4994838	31.290 ug/ml
2) T Naphthalene (C11.7)	5.895	5662124	33.418 ug/ml
3) T 2-Methylnaphthalene (...)	6.945	5651085	32.940 ug/ml
5) T Acenaphthylene (C15.06)	8.218	6253298	39.794 ug/ml
7) T Acenaphthene (C15.5)	8.514	6399656	38.490 ug/ml
8) T Fluorene (C16.55)	9.293	6557892	39.954 ug/ml
9) T Phenanthrene (C19.36)	10.685	6874854	42.521 ug/ml
10) T Anthracene (C19.43)	10.760	6823994	46.031 ug/ml
12) T Fluoranthene (C21.85)	12.492	7063717	44.136 ug/ml
13) T Pyrene (C20.8)	12.788	7047248	44.911 ug/ml
14) T Benzo[a]anthracene (C...	14.654	6565479	46.001 ug/ml
15) T Chrysene (C27.41)	14.699	6418498	43.350 ug/ml
16) T benzo[b]fluoranthene ...	16.198	6616136	45.607 ug/ml
17) T Bnezo[k]fluoranthene ...	16.234	6214854	43.591 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.575	5838487	41.782 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.935	6115992	45.448 ug/ml
20) T Dibenz[a,h]anthracene...	17.975	5654056	42.666 ug/ml
21) T Benzo[g,h,i]perylene ...	18.191	6031975	44.364 ug/ml

(f)=RT Delta > 1/2 Window

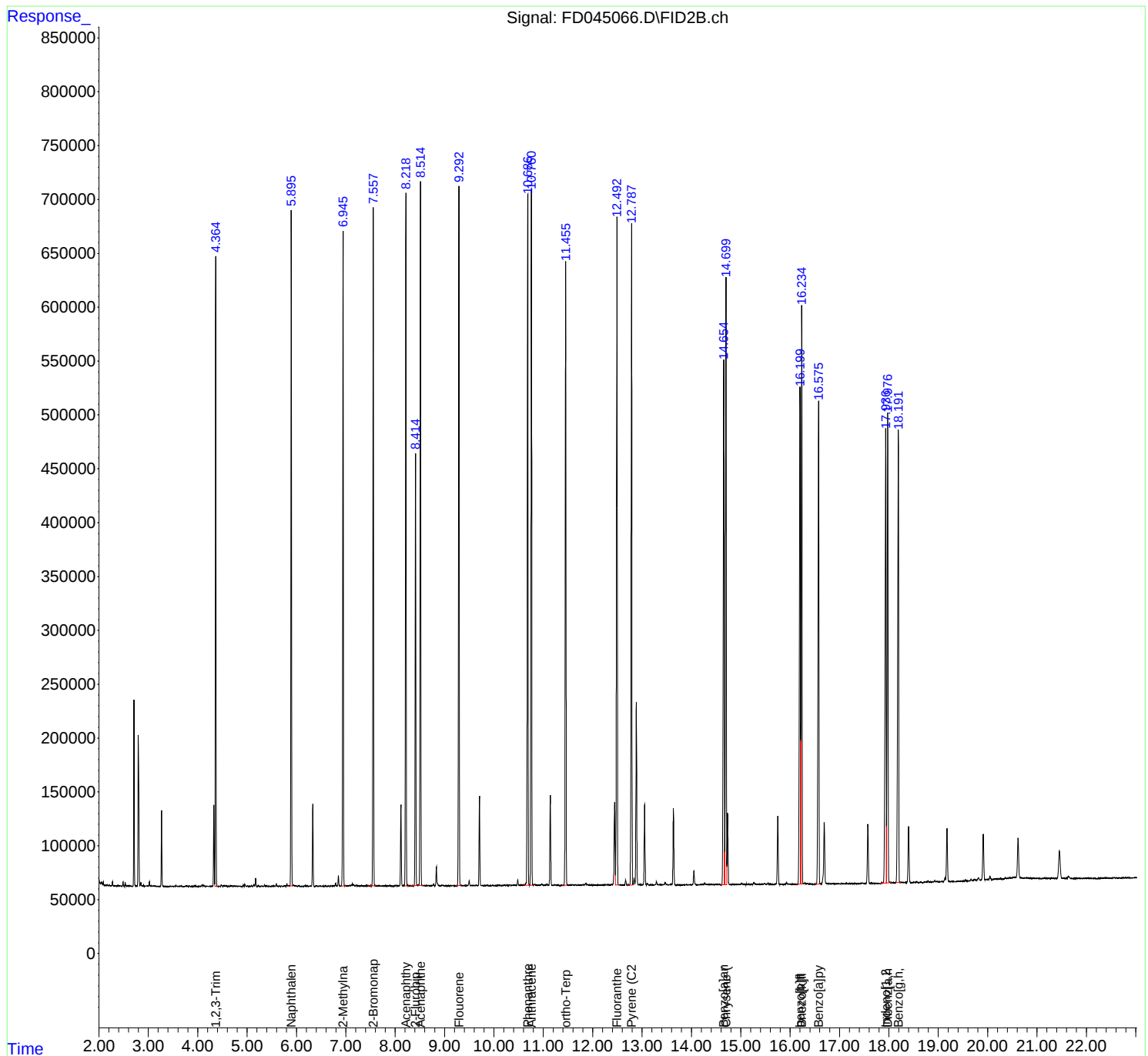
(m)=manual int.

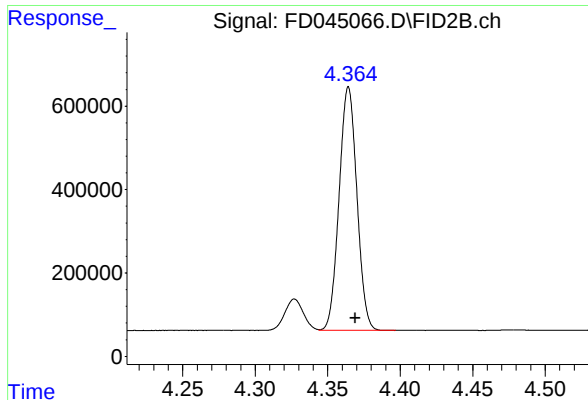
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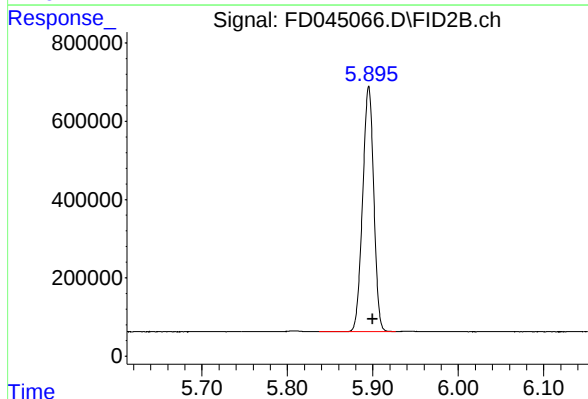




#1 1,2,3-Trimethylbenzene (C10.1)

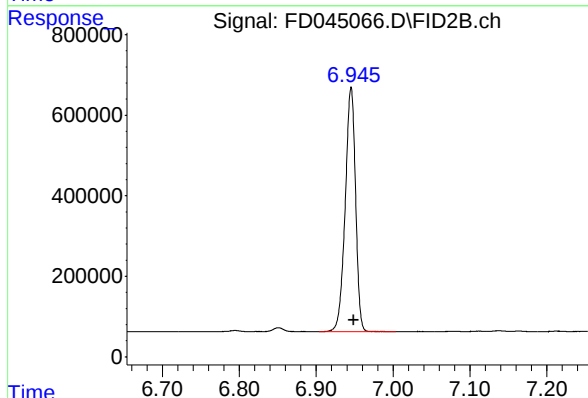
R.T.: 4.364 min
Delta R.T.: -0.005 min
Response: 4994838
Conc: 31.29 ug/ml

Instrument :
FID_D
ClientSampleId :



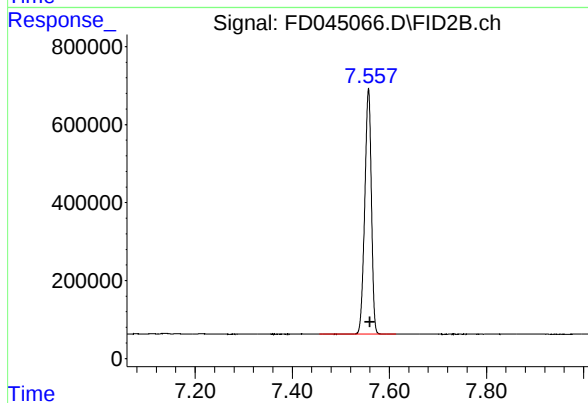
#2 Naphthalene (C11.7)

R.T.: 5.895 min
Delta R.T.: -0.004 min
Response: 5662124
Conc: 33.42 ug/ml



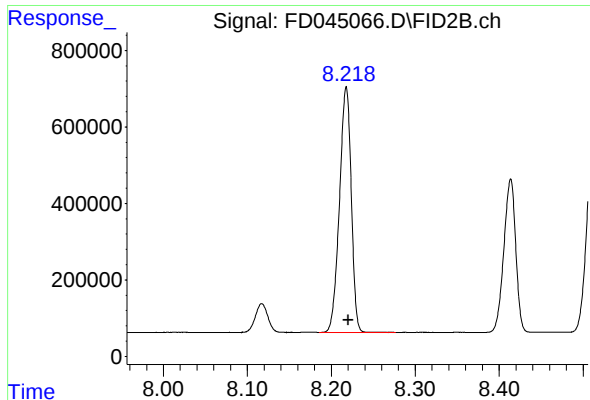
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.945 min
Delta R.T.: -0.003 min
Response: 5651085
Conc: 32.94 ug/ml



#4 2-Bromonaphthalene (SURR)

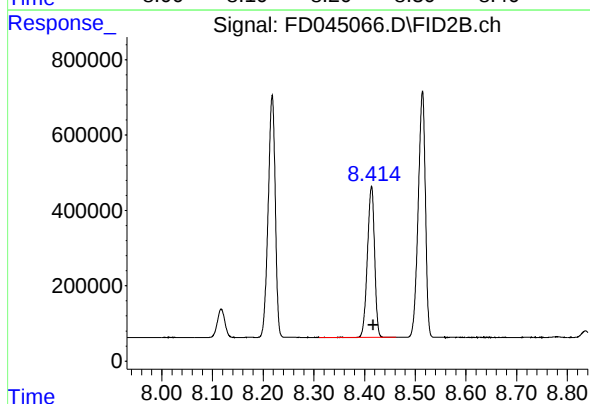
R.T.: 7.557 min
Delta R.T.: -0.003 min
Response: 5966998
Conc: 40.69 ug/ml



#5 Acenaphthylene (C15.06)

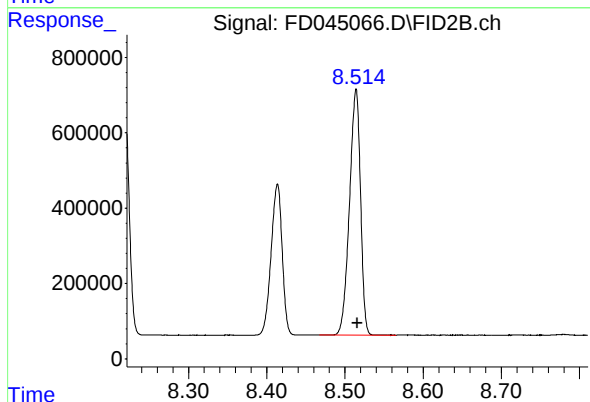
R.T.: 8.218 min
Delta R.T.: -0.003 min
Response: 6253298
Conc: 39.79 ug/ml

Instrument :
FID_D
ClientSampleId :



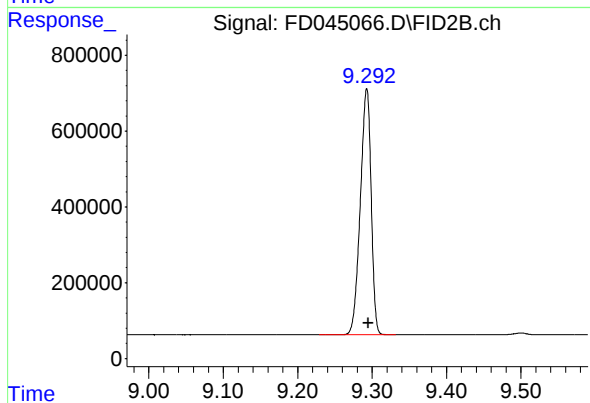
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.413 min
Delta R.T.: -0.003 min
Response: 3930396
Conc: 39.38 ug/ml



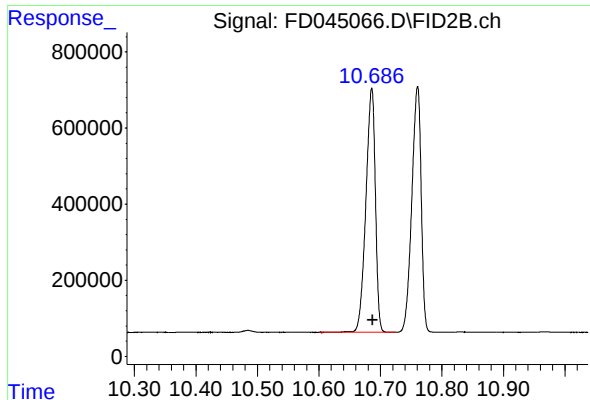
#7 Acenaphthene (C15.5)

R.T.: 8.514 min
Delta R.T.: -0.002 min
Response: 6399656
Conc: 38.49 ug/ml



#8 Fluorene (C16.55)

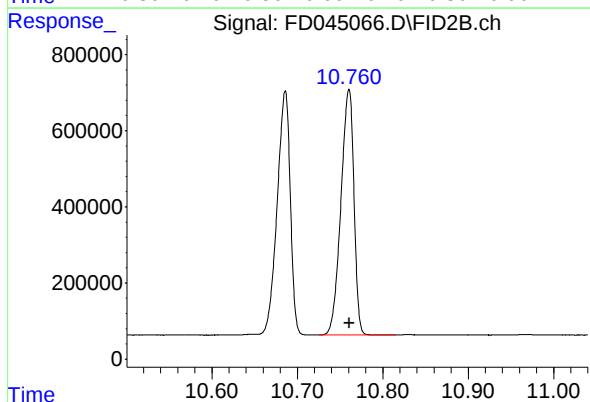
R.T.: 9.293 min
Delta R.T.: -0.003 min
Response: 6557892
Conc: 39.95 ug/ml



#9 Phenanthrene (C19.36)

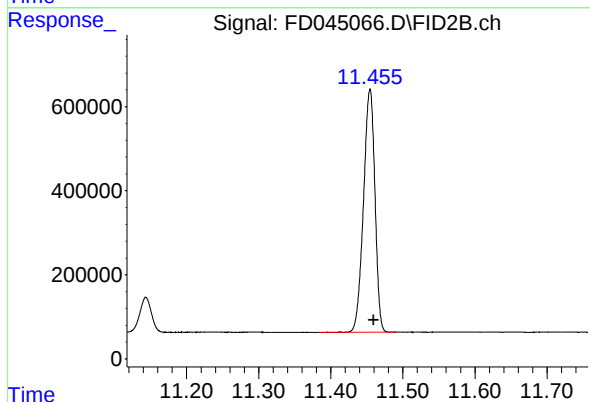
R.T.: 10.685 min
Delta R.T.: -0.002 min
Response: 6874854
Conc: 42.52 ug/ml

Instrument :
FID_D
ClientSampleId :



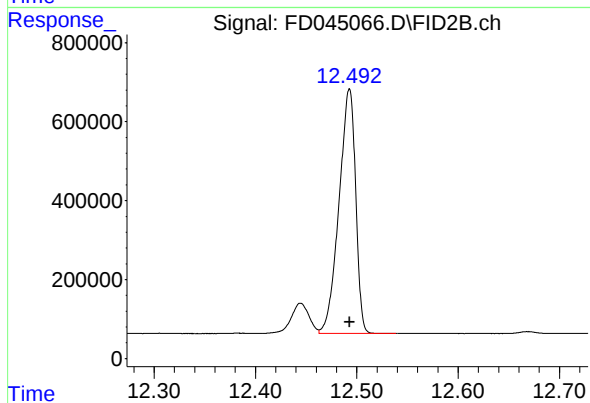
#10 Anthracene (C19.43)

R.T.: 10.760 min
Delta R.T.: 0.000 min
Response: 6823994
Conc: 46.03 ug/ml



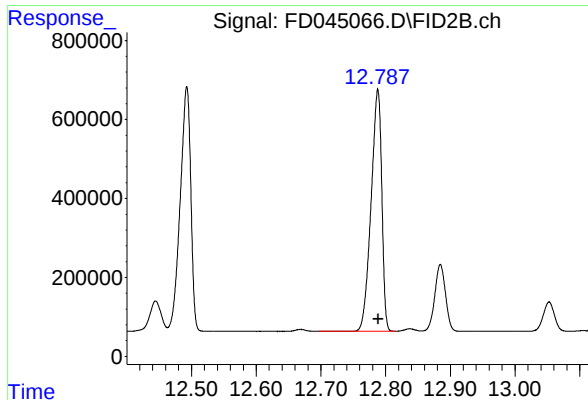
#11 ortho-Terphenyl (SURR)

R.T.: 11.454 min
Delta R.T.: -0.005 min
Response: 6379164
Conc: 34.32 ug/ml



#12 Fluoranthene (C21.85)

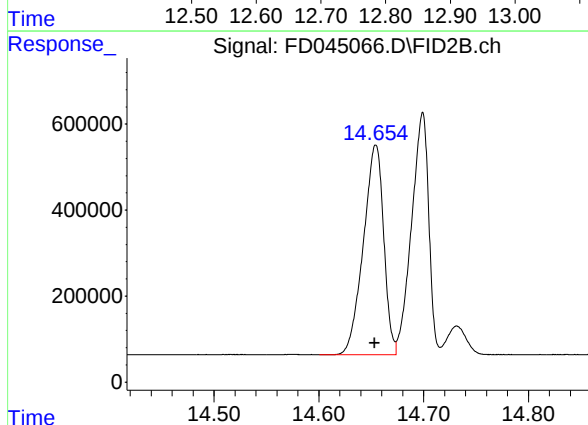
R.T.: 12.492 min
Delta R.T.: 0.000 min
Response: 7063717
Conc: 44.14 ug/ml



#13 Pyrene (C20.8)

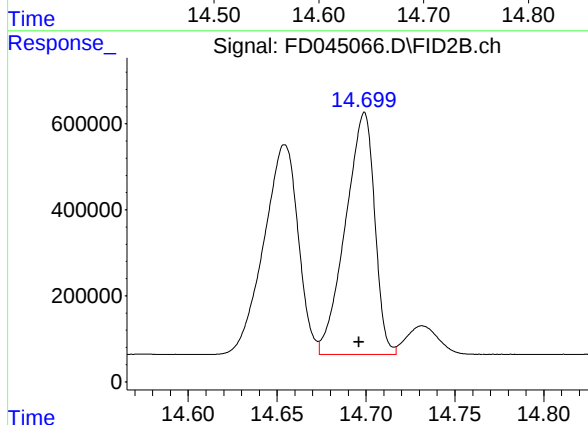
R.T.: 12.788 min
Delta R.T.: 0.000 min
Response: 7047248
Conc: 44.91 ug/ml

Instrument :
FID_D
ClientSampleId :



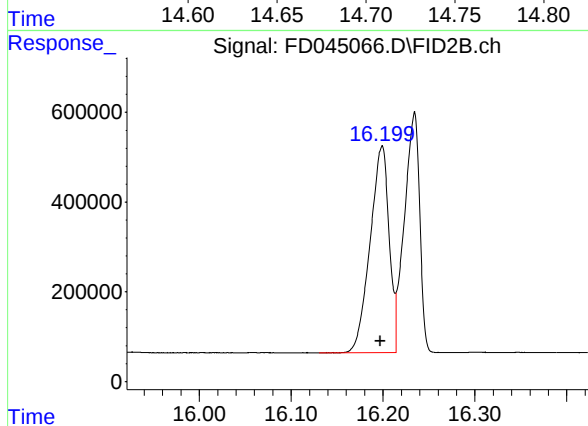
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.654 min
Delta R.T.: 0.000 min
Response: 6565479
Conc: 46.00 ug/ml



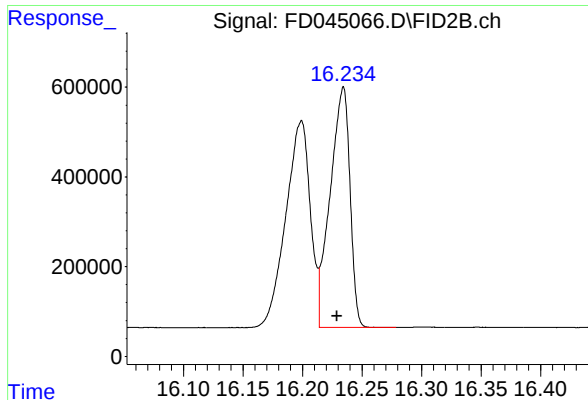
#15 Chrysene (C27.41)

R.T.: 14.699 min
Delta R.T.: 0.002 min
Response: 6418498
Conc: 43.35 ug/ml



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

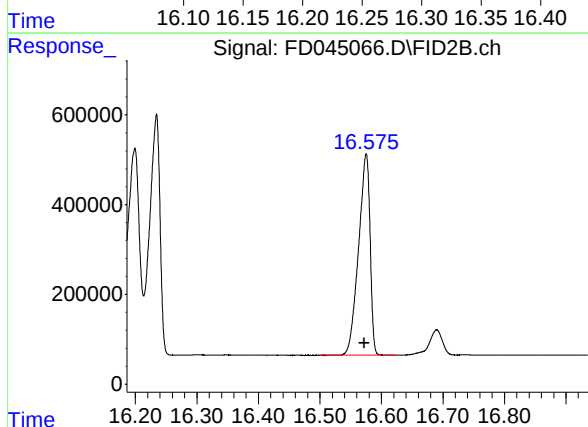
R.T.: 16.198 min
Delta R.T.: 0.001 min
Response: 6616136
Conc: 45.61 ug/ml



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

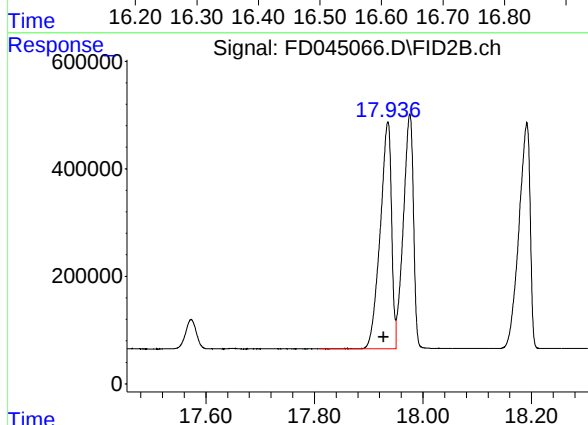
R.T.: 16.234 min
Delta R.T.: 0.004 min
Response: 6214854
Conc: 43.59 ug/ml

Instrument :
FID_D
ClientSampleId :



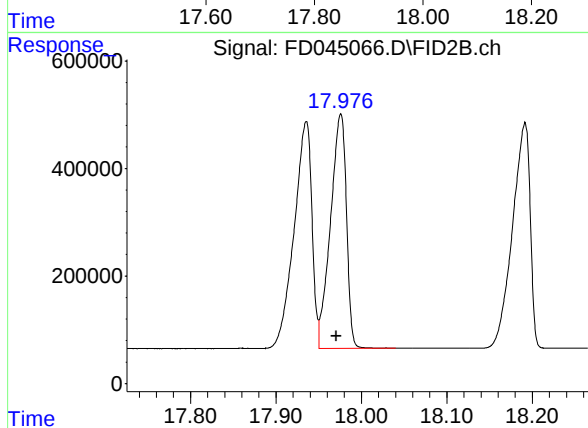
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.575 min
Delta R.T.: 0.003 min
Response: 5838487
Conc: 41.78 ug/ml



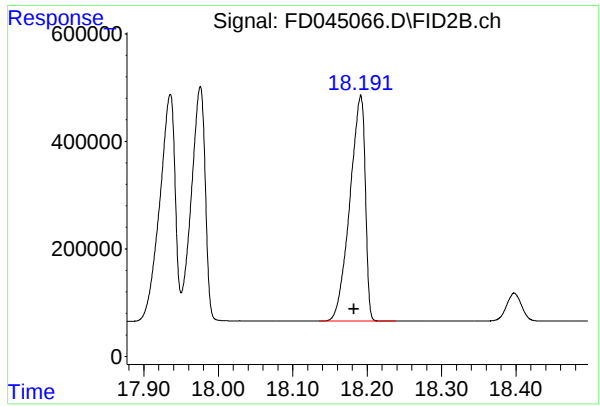
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.935 min
Delta R.T.: 0.007 min
Response: 6115992
Conc: 45.45 ug/ml



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

R.T.: 17.975 min
Delta R.T.: 0.005 min
Response: 5654056
Conc: 42.67 ug/ml



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

R.T.: 18.191 min
Delta R.T.: 0.008 min
Response: 6031975
Conc: 44.36 ug/ml

Instrument :
FID_D
ClientSampleId :