

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092623AR\
 Data File : FD046586.D
 Signal(s) : FID2B.ch
 Acq On : 26 Sep 2023 22:48
 Operator : YP/AJ
 Sample : 04536-04MSD
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 T-4MSD

Integration File: autoint1.e
 Quant Time: Sep 27 01:11:34 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...	7.492	10289502	58.388 ug/ml
Spiked Amount 50.000		Recovery =	116.78%
6) S 2-Fluorobiphenyl (SURR)	8.347	6892886	59.494 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	118.99%
11) S ortho-Terphenyl (SURR)	11.383	8241932	40.455 ug/ml
Spiked Amount 50.000		Recovery =	80.91%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.305	7563670	40.952 ug/ml
2) T Naphthalene (C11.7)	5.830	8469716	43.831 ug/ml
3) T 2-Methylnaphthalene (...)	6.879	8620005	44.482 ug/ml
5) T Acenaphthylene (C15.06)	8.150	9175759	52.039 ug/ml
7) T Acenaphthene (C15.5)	8.446	9055765	48.196 ug/ml
8) T Fluorene (C16.55)	9.224	9511223	52.726 ug/ml
9) T Phenanthrene (C19.36)	10.614	9986166	56.796 ug/ml
10) T Anthracene (C19.43)	10.690	9821698	63.945 ug/ml
12) T Fluoranthene (C21.85)	12.419	10271154	60.263 ug/ml
13) T Pyrene (C20.8)	12.714	10325718	62.943 ug/ml
14) T Benzo[a]anthracene (C...	14.578	9461942	67.763 ug/ml
15) T Chrysene (C27.41)	14.623	9622127	63.386 ug/ml
16) T benzo[b]fluoranthene ...	16.119	8977062	65.446 ug/ml
17) T Bnezo[k]fluoranthene ...	16.157	8862022	63.975 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.496	8443172	63.113 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.855	8426155	67.222 ug/ml
20) T Dibenz[a,h]anthracene...	17.895	7858403	59.055 ug/ml
21) T Benzo[g,h,i]perylene ...	18.110	7872429	59.697 ug/ml

(f)=RT Delta > 1/2 Window

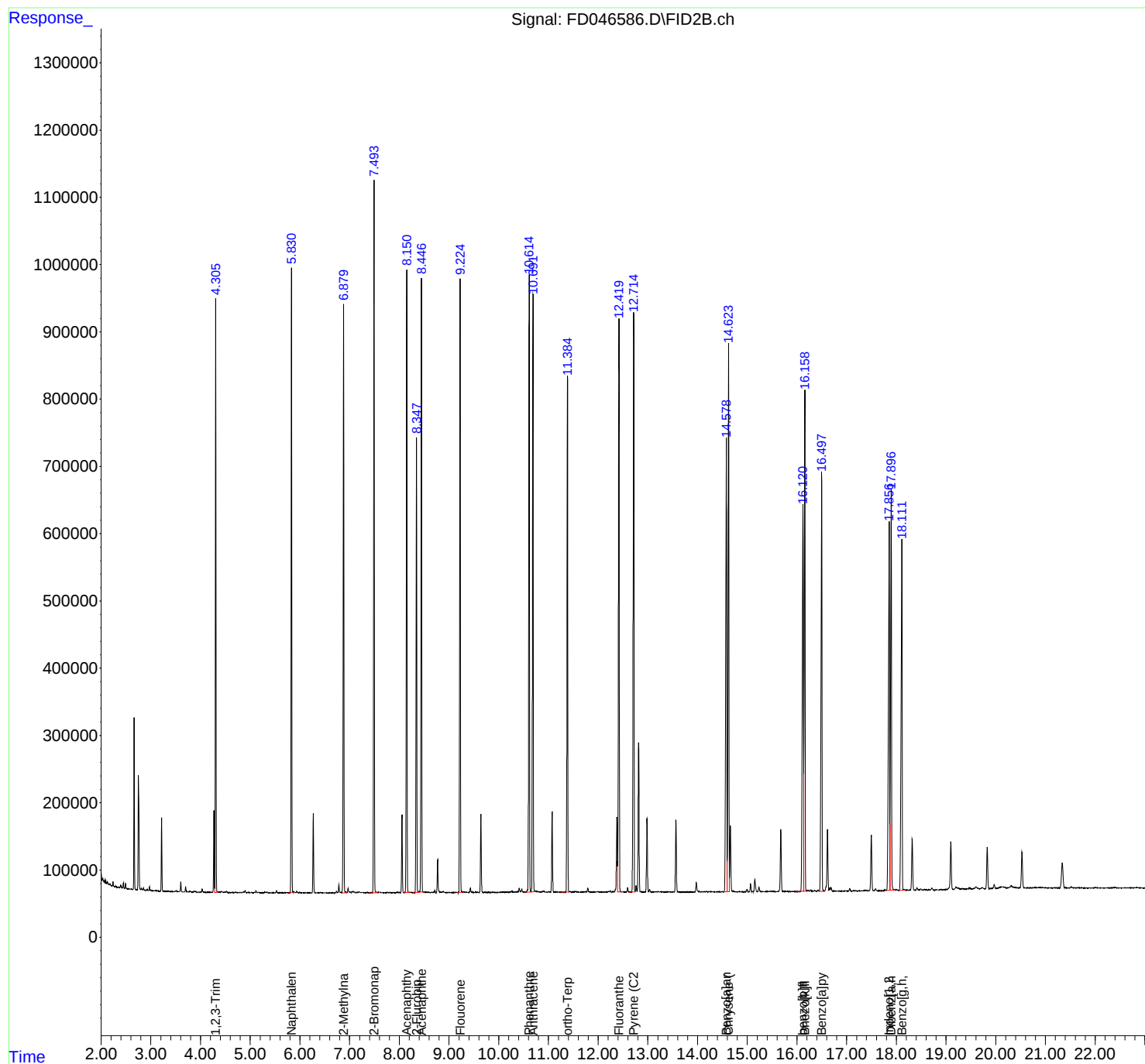
(m)=manual int.

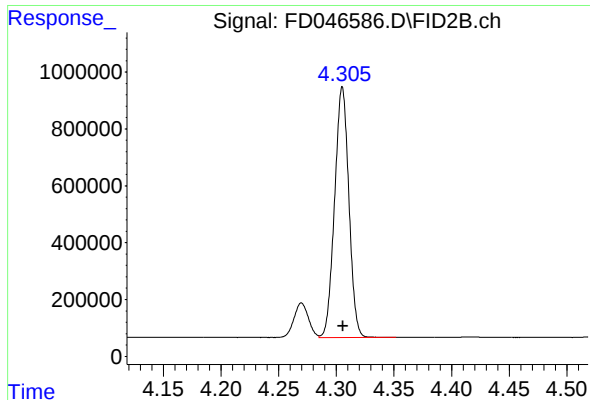
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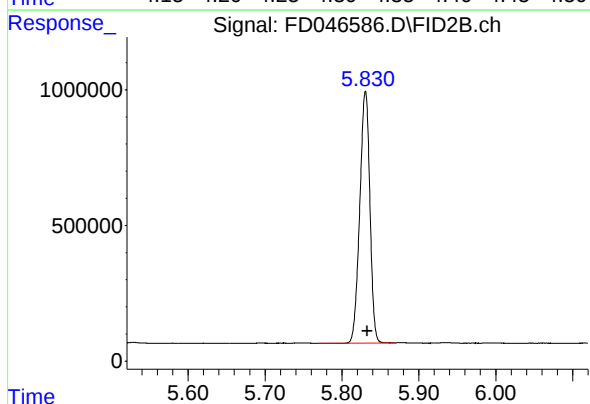




#1 1,2,3-Trimethylbenzene (C10.1)

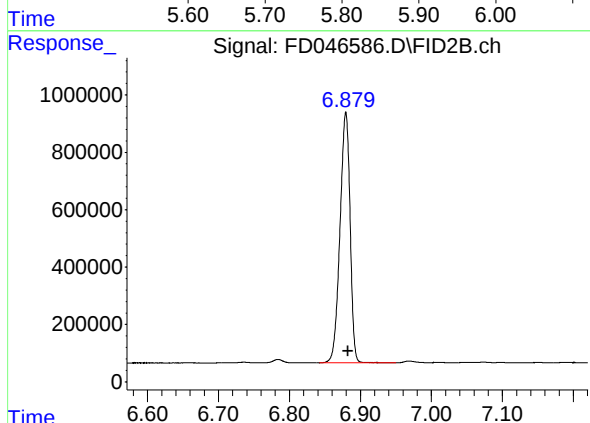
R.T.: 4.305 min
Delta R.T.: 0.000 min
Response: 7563670
Conc: 40.95 ug/ml

Instrument :
FID_D
ClientSampleId :
T-4MSD



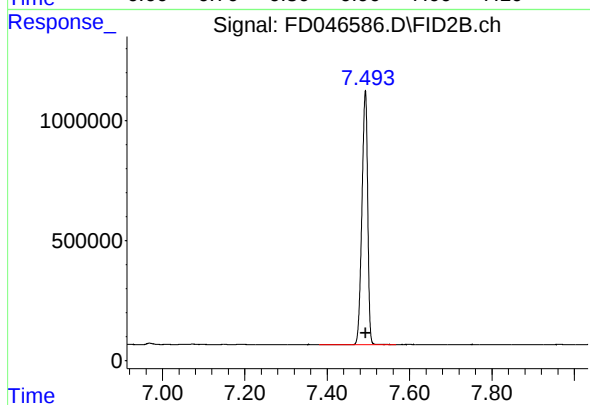
#2 Naphthalene (C11.7)

R.T.: 5.830 min
Delta R.T.: -0.003 min
Response: 8469716
Conc: 43.83 ug/ml



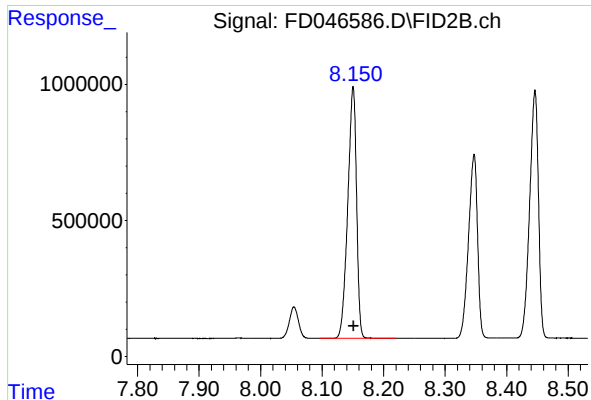
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.879 min
Delta R.T.: -0.003 min
Response: 8620005
Conc: 44.48 ug/ml



#4 2-Bromonaphthalene (SURR)

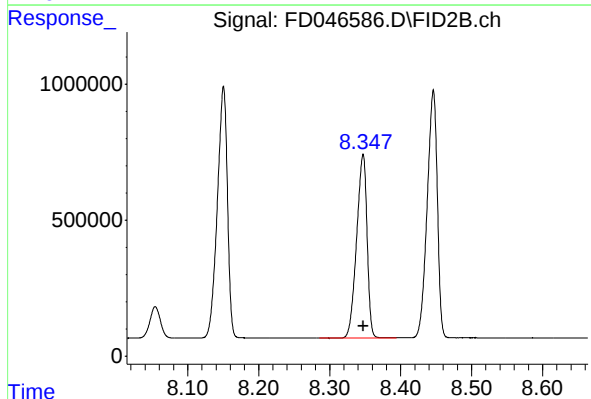
R.T.: 7.492 min
Delta R.T.: -0.001 min
Response: 10289502
Conc: 58.39 ug/ml



#5 Acenaphthylene (C15.06)

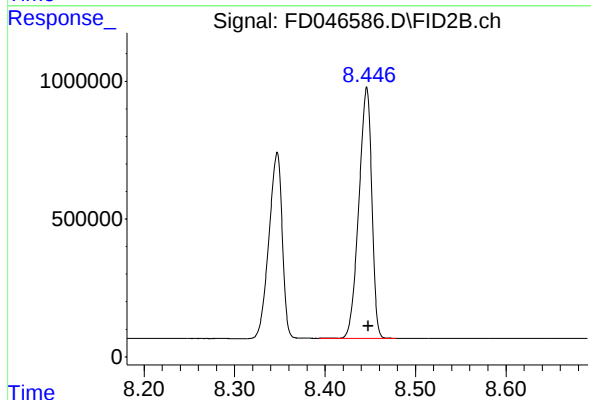
R.T.: 8.150 min
Delta R.T.: -0.001 min
Response: 9175759
Conc: 52.04 ug/ml

Instrument :
FID_D
ClientSampleId :
T-4MSD



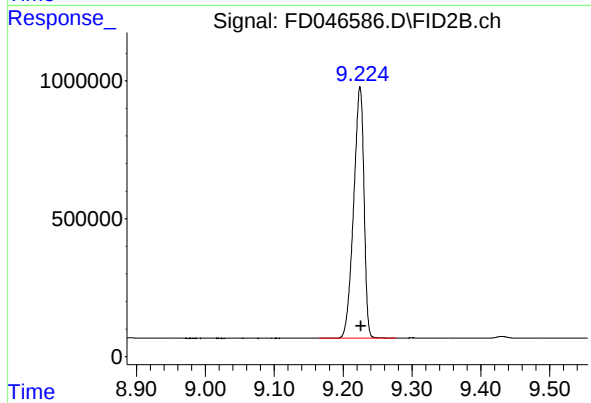
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.347 min
Delta R.T.: 0.000 min
Response: 6892886
Conc: 59.49 ug/ml



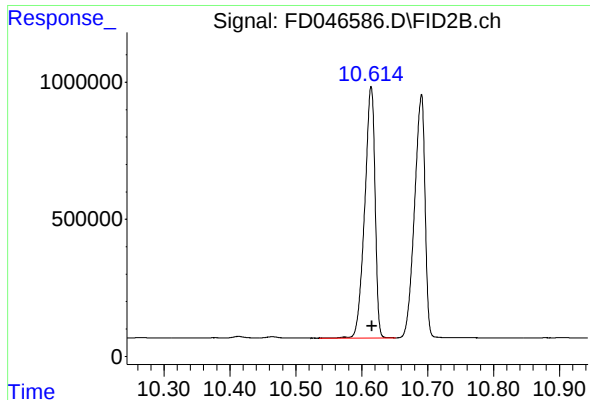
#7 Acenaphthene (C15.5)

R.T.: 8.446 min
Delta R.T.: -0.002 min
Response: 9055765
Conc: 48.20 ug/ml



#8 Flouorene (C16.55)

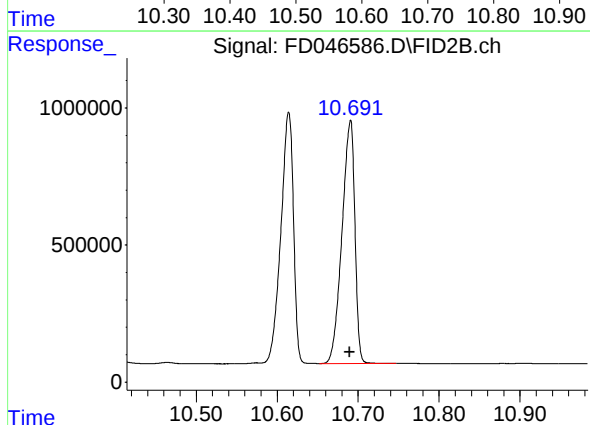
R.T.: 9.224 min
Delta R.T.: -0.002 min
Response: 9511223
Conc: 52.73 ug/ml



#9 Phenanthrene (C19.36)

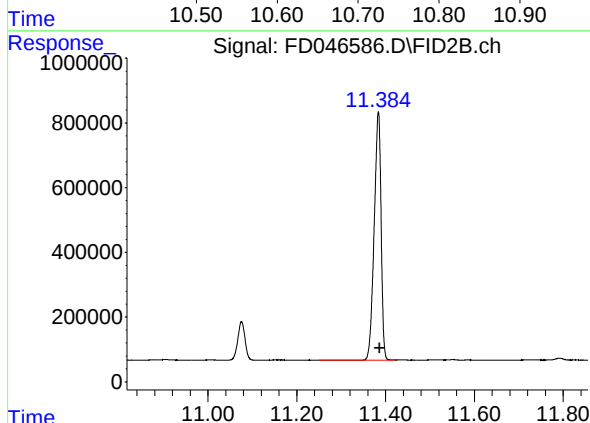
R.T.: 10.614 min
Delta R.T.: -0.002 min
Response: 9986166
Conc: 56.80 ug/ml

Instrument :
FID_D
ClientSampleId :
T-4MSD



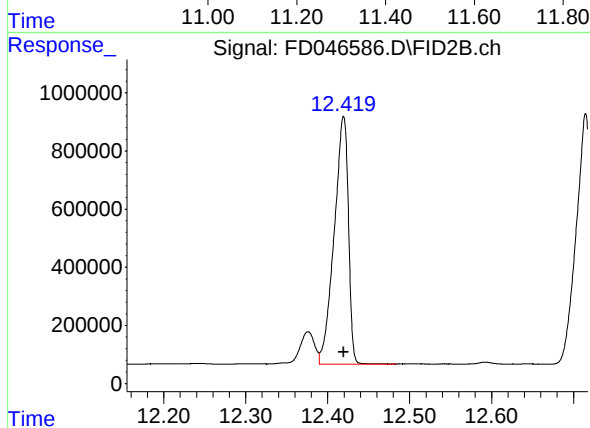
#10 Anthracene (C19.43)

R.T.: 10.690 min
Delta R.T.: 0.000 min
Response: 9821698
Conc: 63.95 ug/ml



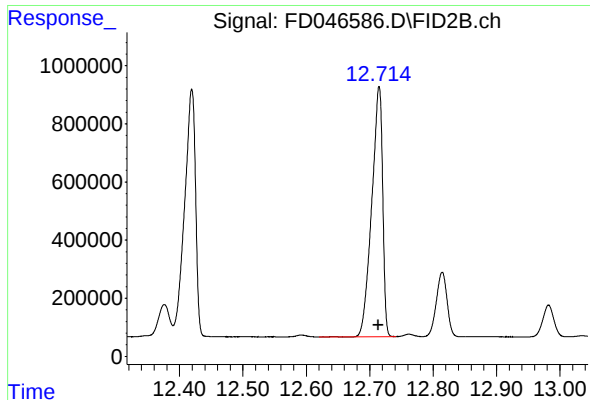
#11 ortho-Terphenyl (SURRE)

R.T.: 11.383 min
Delta R.T.: -0.003 min
Response: 8241932
Conc: 40.46 ug/ml



#12 Fluoranthene (C21.85)

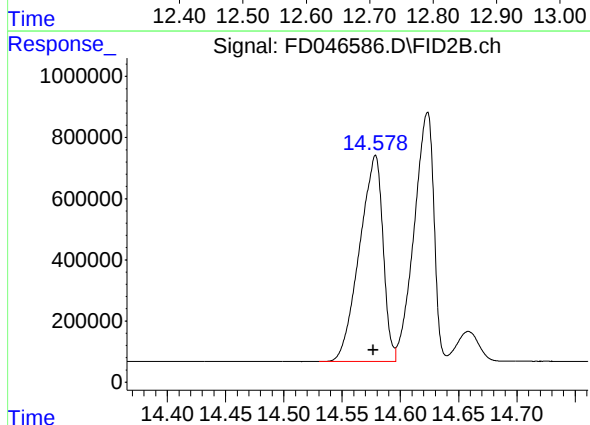
R.T.: 12.419 min
Delta R.T.: 0.000 min
Response: 10271154
Conc: 60.26 ug/ml



#13 Pyrene (C20.8)

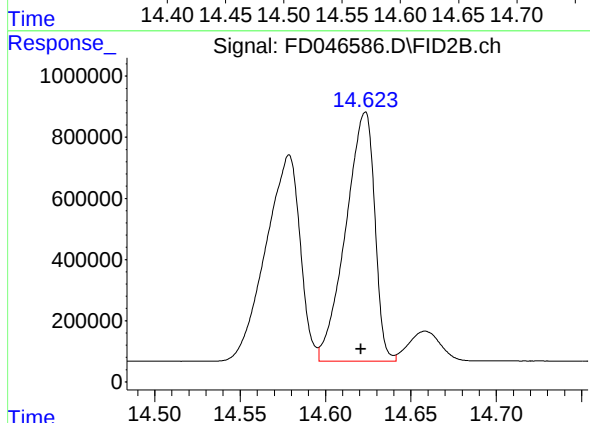
R.T.: 12.714 min
Delta R.T.: 0.000 min
Response: 10325718
Conc: 62.94 ug/ml

Instrument :
FID_D
ClientSampleId :
T-4MSD



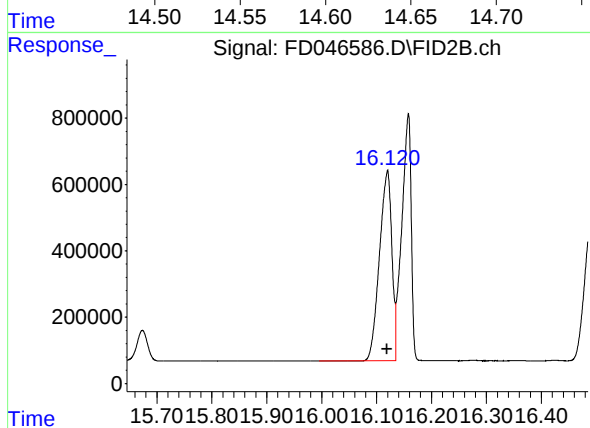
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.578 min
Delta R.T.: 0.000 min
Response: 9461942
Conc: 67.76 ug/ml



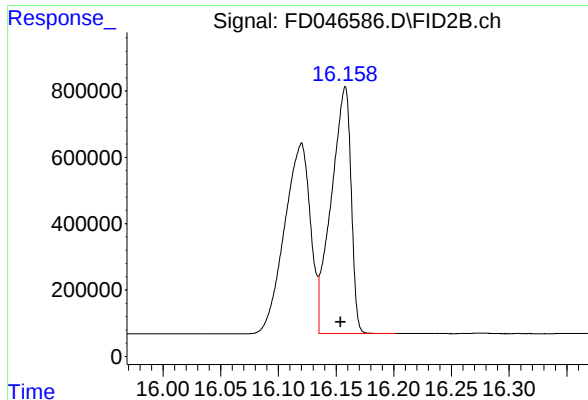
#15 Chrysene (C27.41)

R.T.: 14.623 min
Delta R.T.: 0.002 min
Response: 9622127
Conc: 63.39 ug/ml



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

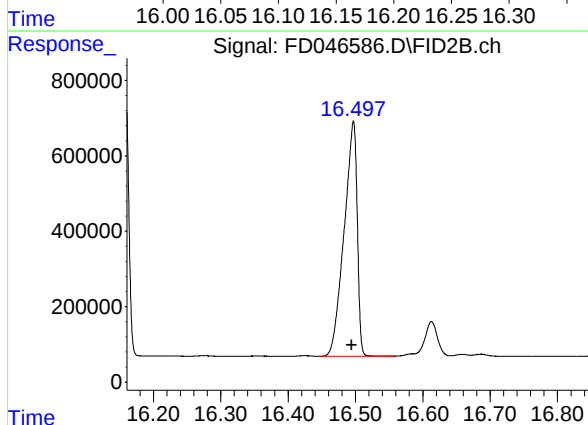
R.T.: 16.119 min
Delta R.T.: 0.000 min
Response: 8977062
Conc: 65.45 ug/ml



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

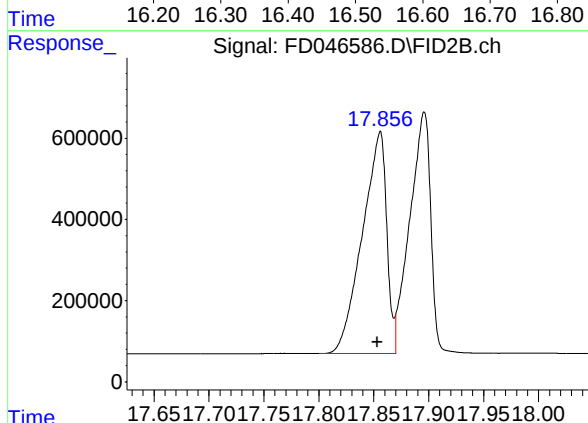
R.T.: 16.157 min
Delta R.T.: 0.003 min
Response: 8862022
Conc: 63.97 ug/ml

Instrument :
FID_D
ClientSampleId :
T-4MSD



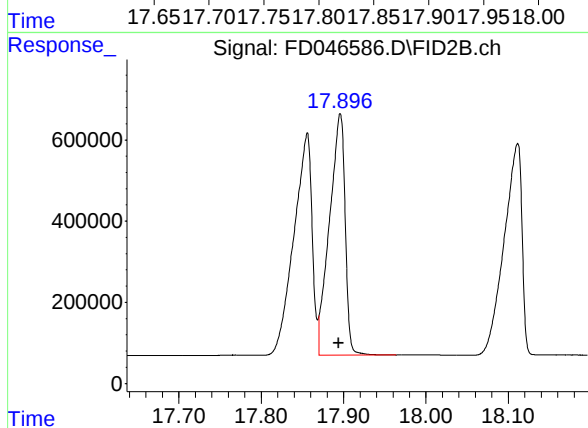
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.496 min
Delta R.T.: 0.002 min
Response: 8443172
Conc: 63.11 ug/ml



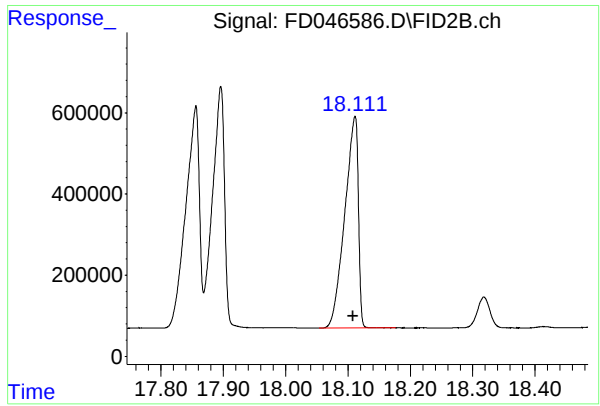
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.855 min
Delta R.T.: 0.002 min
Response: 8426155
Conc: 67.22 ug/ml



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

R.T.: 17.895 min
Delta R.T.: 0.001 min
Response: 7858403
Conc: 59.05 ug/ml



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

R.T.: 18.110 min
Delta R.T.: 0.002 min
Response: 7872429
Conc: 59.70 ug/ml

Instrument :
FID_D
ClientSampleId :
T-4MSD