

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101323AR\
 Data File : FD046757.D
 Signal(s) : FID2B.ch
 Acq On : 14 Oct 2023 04:41
 Operator : YP/AJ
 Sample : 04816-05MSD
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 T-5MSD

Integration File: autoint1.e
 Quant Time: Oct 14 07:02:25 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 101023.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 11 02:49:06 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

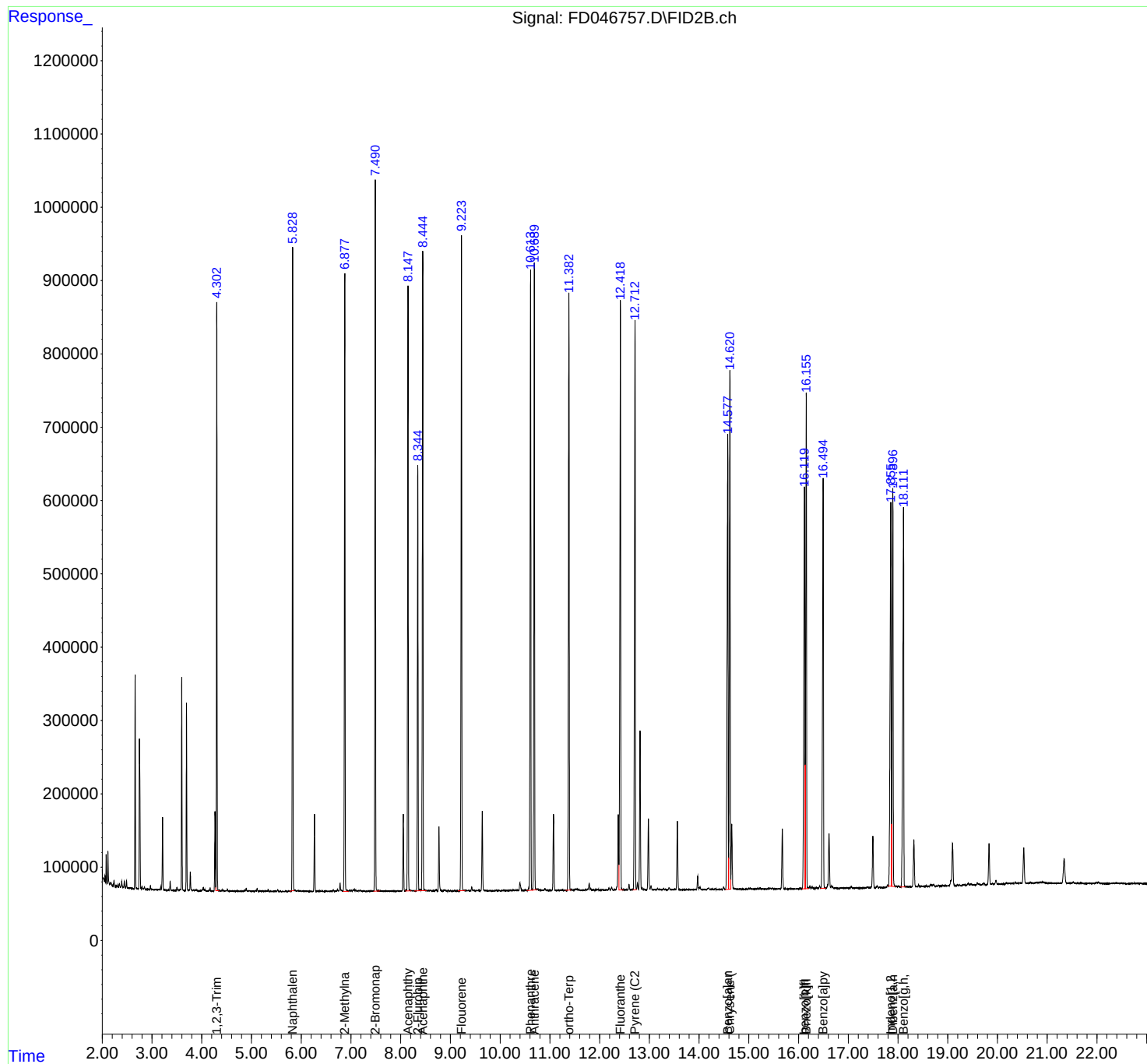
System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.490	9477439	51.055 ug/ml
Spiked Amount 50.000		Recovery =	102.11%
6) S 2-Fluorobiphenyl (SURR)	8.344	5809762	47.950 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	95.90%
11) S ortho-Terphenyl (SURR)	11.382	9189585	42.474 ug/ml
Spiked Amount 50.000		Recovery =	84.95%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.303	6899400	35.531 ug/ml
2) T Naphthalene (C11.7)	5.828	7761620	38.366 ug/ml
3) T 2-Methylnaphthalene (...)	6.877	8051309	39.416 ug/ml
5) T Acenaphthylene (C15.06)	8.147	8341571	45.189 ug/ml
7) T Acenaphthene (C15.5)	8.444	8688680	43.708 ug/ml
8) T Flouorene (C16.55)	9.223	9008644	47.327 ug/ml
9) T Phenanthrene (C19.36)	10.612	9332475	50.631 ug/ml
10) T Anthracene (C19.43)	10.688	9176313	70.190 ug/ml
12) T Fluoranthene (C21.85)	12.417	9436947	51.796 ug/ml
13) T Pyrene (C20.8)	12.712	9409068	53.655 ug/ml
14) T Benzo[a]anthracene (C...	14.576	8611135	58.801 ug/ml
15) T Chrysene (C27.41)	14.620	8596355	53.430 ug/ml
16) T benzo[b]fluoranthene ...	16.119	8228572	55.069 ug/ml
17) T Bnezo[k]fluoranthene ...	16.155	8132198	54.058 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.494	7470069	52.822 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.855	7754337	57.197 ug/ml
20) T Dibenz[a,h]anthracene...	17.895	7254646	51.343 ug/ml
21) T Benzo[g,h,i]perylene ...	18.110	7365173	52.357 ug/ml

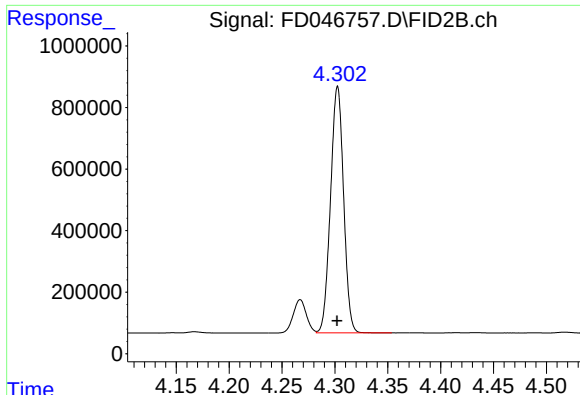
(f)=RT Delta > 1/2 Window

(m)=manual int.

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Volume Inj. : 1 µl
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

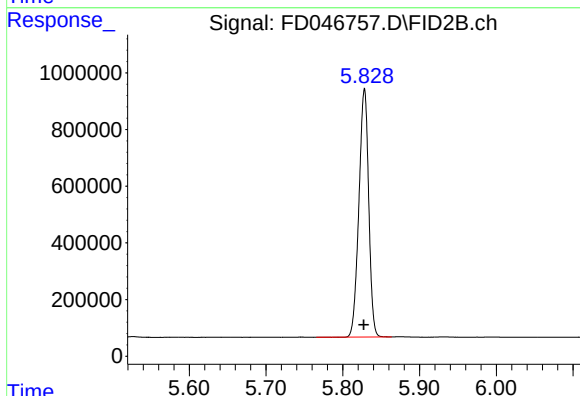




#1 1,2,3-Trimethylbenzene (C10.1)

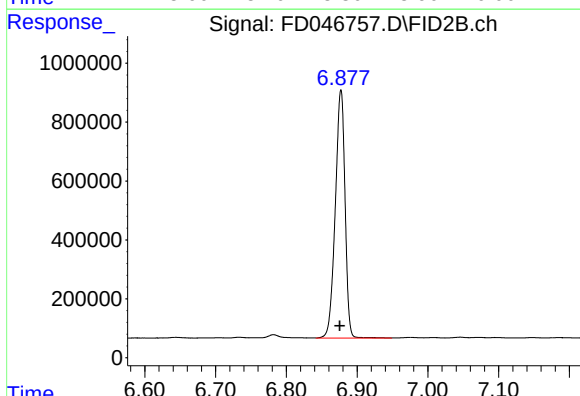
R.T.: 4.303 min
Delta R.T.: 0.000 min
Response: 6899400
Conc: 35.53 ug/ml

Instrument :
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T-5MSD



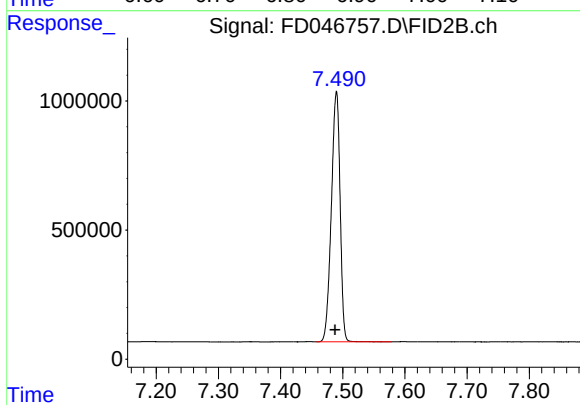
#2 Naphthalene (C11.7)

R.T.: 5.828 min
Delta R.T.: 0.000 min
Response: 7761620
Conc: 38.37 ug/ml



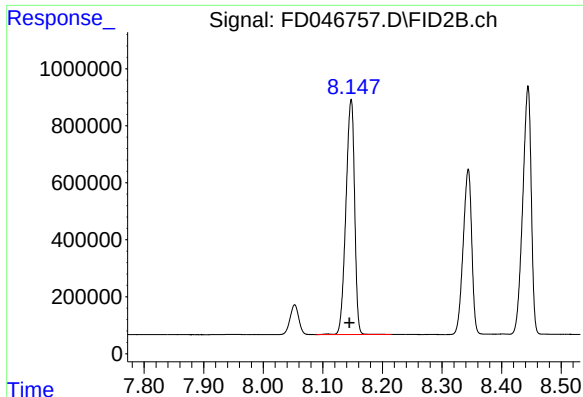
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.877 min
Delta R.T.: 0.001 min
Response: 8051309
Conc: 39.42 ug/ml



#4 2-Bromonaphthalene (SURR)

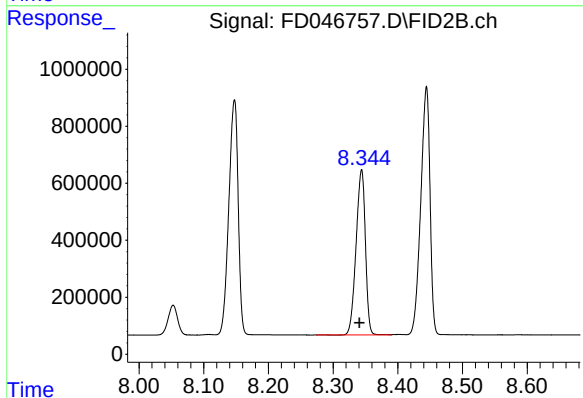
R.T.: 7.490 min
Delta R.T.: 0.002 min
Response: 9477439
Conc: 51.05 ug/ml



#5 Acenaphthylene (C15.06)

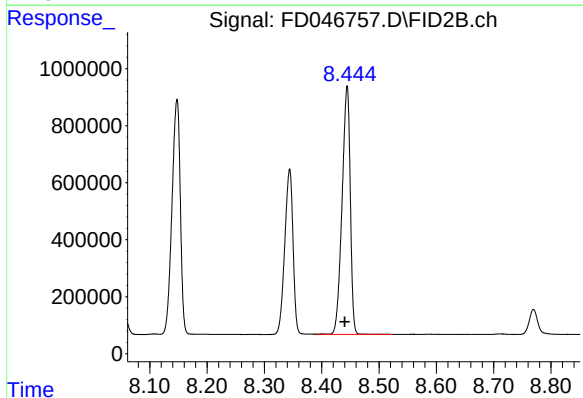
R.T.: 8.147 min
Delta R.T.: 0.003 min
Response: 8341571
Conc: 45.19 ug/ml

Instrument :
FID_D
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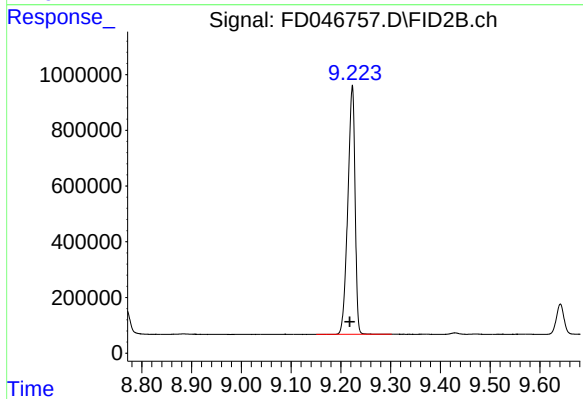
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.344 min
Delta R.T.: 0.003 min
Response: 5809762
Conc: 47.95 ug/ml



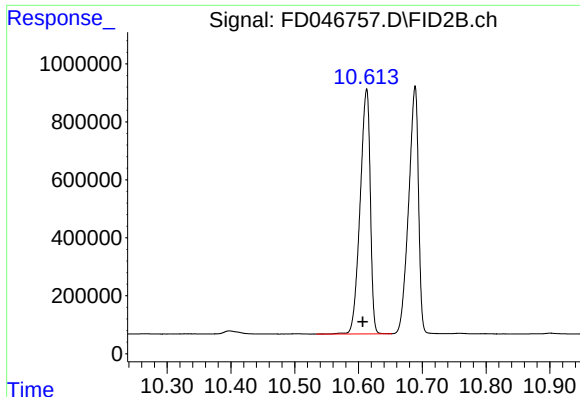
#7 Acenaphthene (C15.5)

R.T.: 8.444 min
Delta R.T.: 0.004 min
Response: 8688680
Conc: 43.71 ug/ml



#8 Fluorene (C16.55)

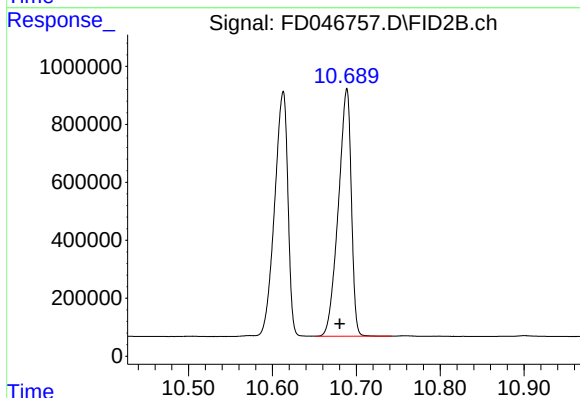
R.T.: 9.223 min
Delta R.T.: 0.005 min
Response: 9008644
Conc: 47.33 ug/ml



#9 Phenanthrene (C19.36)

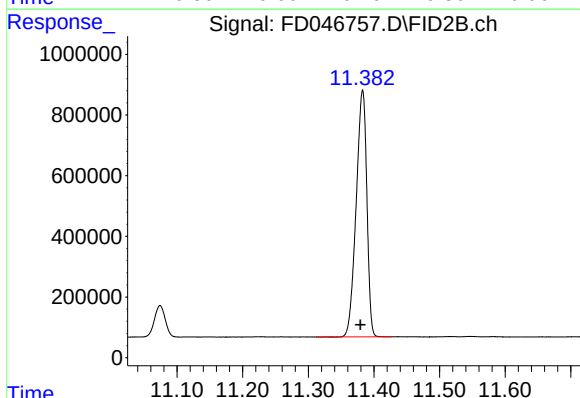
R.T.: 10.612 min
Delta R.T.: 0.006 min
Response: 9332475
Conc: 50.63 ug/ml

Instrument :
FID_D
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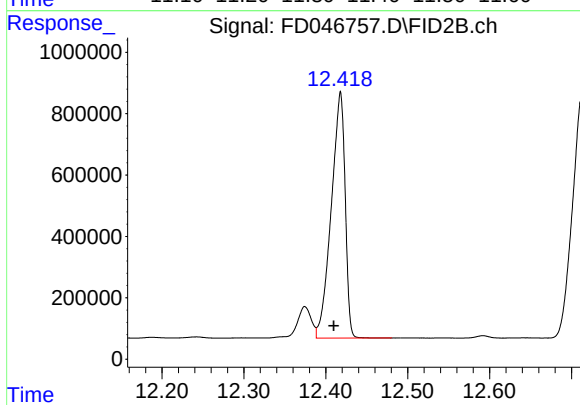
#10 Anthracene (C19.43)

R.T.: 10.688 min
Delta R.T.: 0.008 min
Response: 9176313
Conc: 70.19 ug/ml



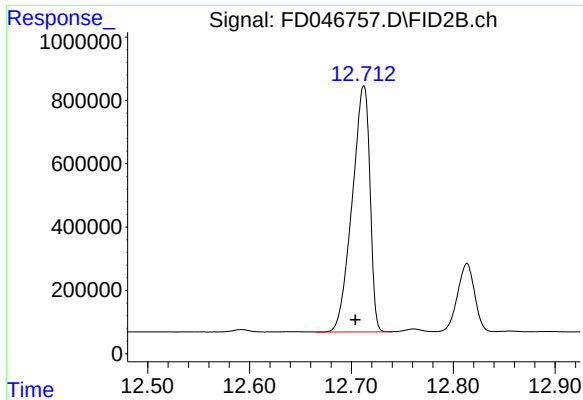
#11 ortho-Terphenyl (SURR)

R.T.: 11.382 min
Delta R.T.: 0.003 min
Response: 9189585
Conc: 42.47 ug/ml



#12 Fluoranthene (C21.85)

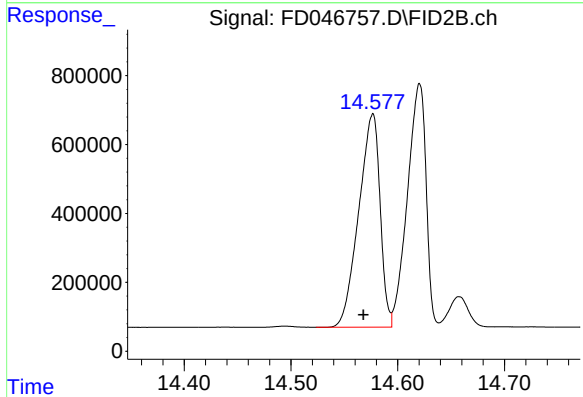
R.T.: 12.417 min
Delta R.T.: 0.007 min
Response: 9436947
Conc: 51.80 ug/ml



#13 Pyrene (C20.8)

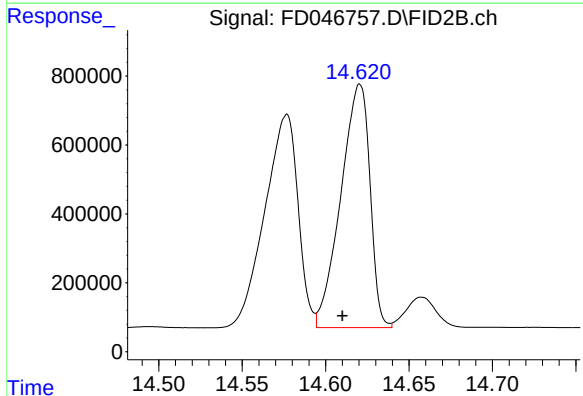
R.T.: 12.712 min
Delta R.T.: 0.008 min
Response: 9409068
Conc: 53.65 ug/ml

Instrument :
FID_D
ClientSampleId :
T-5MSD



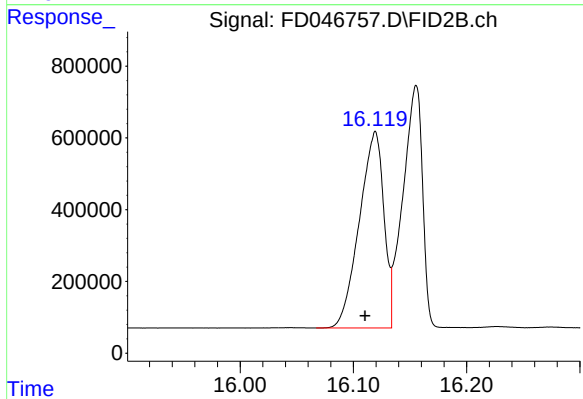
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.576 min
Delta R.T.: 0.008 min
Response: 8611135
Conc: 58.80 ug/ml



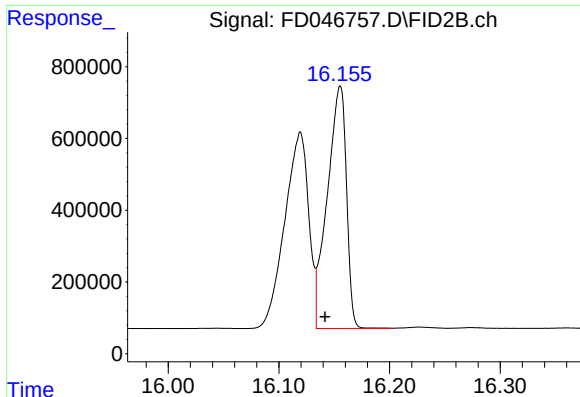
#15 Chrysene (C27.41)

R.T.: 14.620 min
Delta R.T.: 0.010 min
Response: 8596355
Conc: 53.43 ug/ml



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

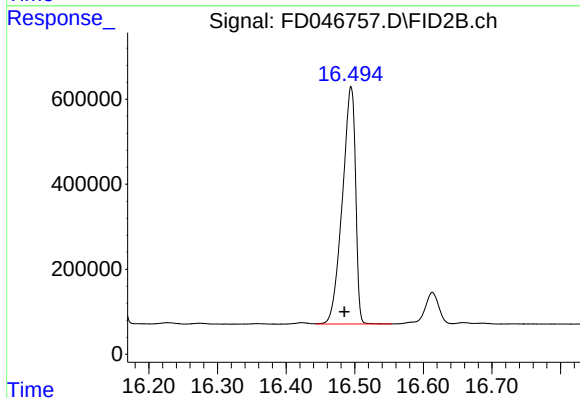
R.T.: 16.119 min
Delta R.T.: 0.009 min
Response: 8228572
Conc: 55.07 ug/ml



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

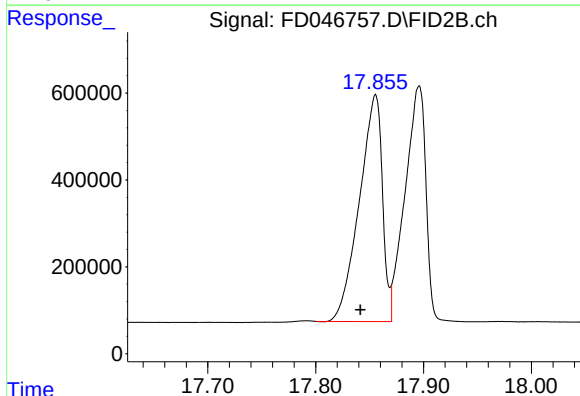
R.T.: 16.155 min
Delta R.T.: 0.013 min
Response: 8132198
Conc: 54.06 ug/ml

Instrument :
FID_D
ClientSampleId :
T-5MSD



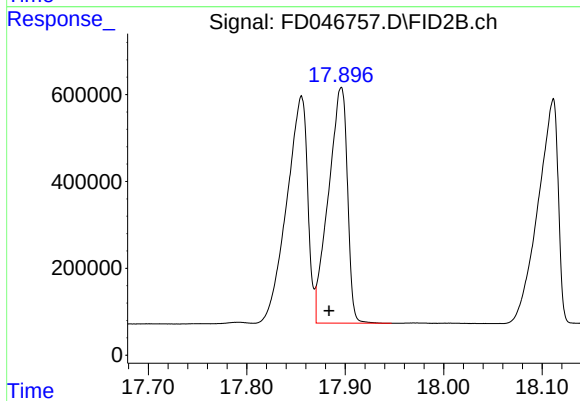
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.494 min
Delta R.T.: 0.009 min
Response: 7470069
Conc: 52.82 ug/ml



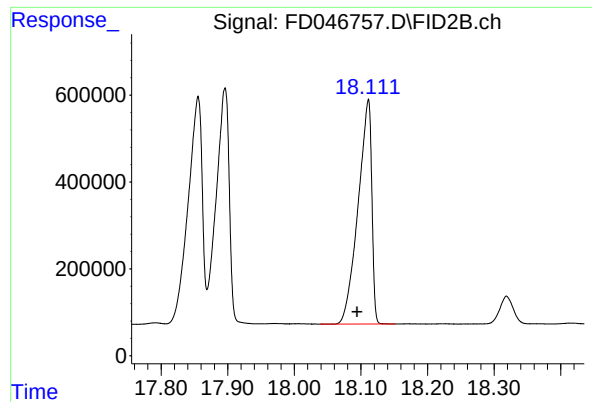
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.855 min
Delta R.T.: 0.013 min
Response: 7754337
Conc: 57.20 ug/ml



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

R.T.: 17.895 min
Delta R.T.: 0.012 min
Response: 7254646
Conc: 51.34 ug/ml



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

R.T.: 18.110 min
Delta R.T.: 0.016 min
Response: 7365173
Conc: 52.36 ug/ml

Instrument :
FID_D
ClientSampleId :
T-5MSD