

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041423AR\
 Data File : FD045492.D
 Signal(s) : FID2B.ch
 Acq On : 14 Apr 2023 20:41
 Operator : YP/AJ
 Sample : 02301-02MSD
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 WASTEMSD

Integration File: autoint1.e
 Quant Time: Apr 15 03:24:57 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 0302823.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 28 05:56:14 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...	7.548	7490043	54.668 ug/ml
Spiked Amount 50.000		Recovery =	109.34%
6) S 2-Fluorobiphenyl (SURR)	8.404	4329599	48.296 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	96.59%
11) S ortho-Terphenyl (SURR)	11.443	7182879	41.285 ug/ml
Spiked Amount 50.000		Recovery =	82.57%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.356	5782585	37.119 ug/ml
2) T Naphthalene (C11.7)	5.886	6746675	41.981 ug/ml
3) T 2-Methylnaphthalene (...)	6.936	6981995	43.616 ug/ml
5) T Acenaphthylene (C15.06)	8.208	7750822	52.937 ug/ml
7) T Acenaphthene (C15.5)	8.505	8152553	52.561 ug/ml
8) T Fluorene (C16.55)	9.283	7986084	53.855 ug/ml
9) T Phenanthrene (C19.36)	10.675	8027759	55.419 ug/ml
10) T Anthracene (C19.43)	10.750	7883821	57.036 ug/ml
12) T Fluoranthene (C21.85)	12.481	8073225	56.114 ug/ml
13) T Pyrene (C20.8)	12.777	8059347	57.321 ug/ml
14) T Benzo[a]anthracene (C...	14.642	7322365	57.097 ug/ml
15) T Chrysene (C27.41)	14.685	7223570	54.476 ug/ml
16) T benzo[b]fluoranthene ...	16.186	7376926	56.788 ug/ml
17) T Bnezo[k]fluoranthene ...	16.222	7065908	55.789 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.561	6480273	51.542 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.920	6449205	54.489 ug/ml
20) T Dibenz[a,h]anthracene...	17.961	6475624	54.355 ug/ml
21) T Benzo[g,h,i]perylene ...	18.176	6836791	54.734 ug/ml

(f)=RT Delta > 1/2 Window

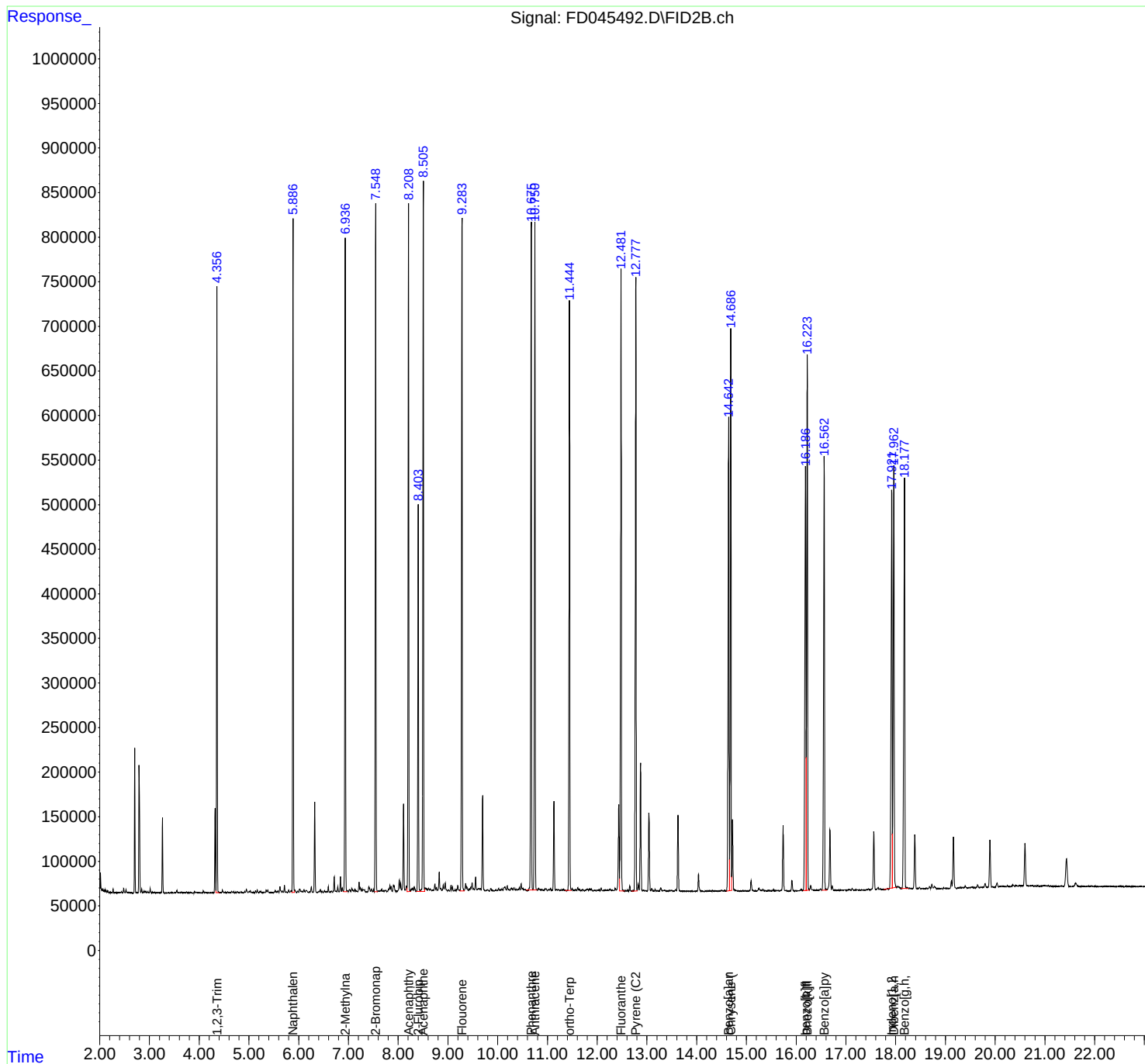
(m)=manual int.

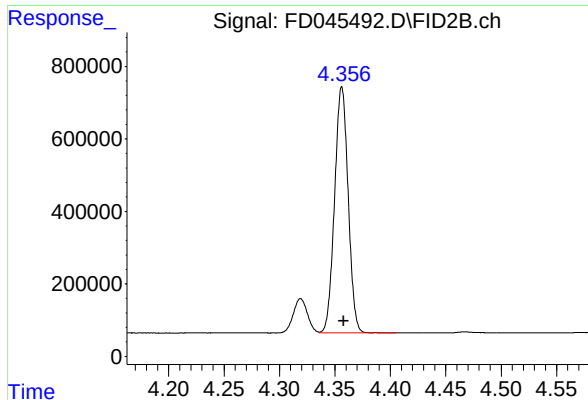
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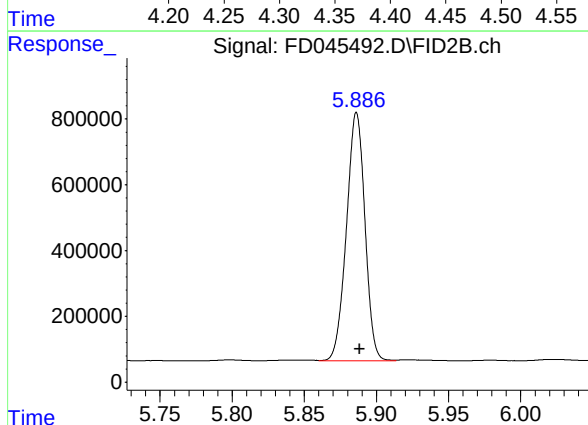




#1 1,2,3-Trimethylbenzene (C10.1)

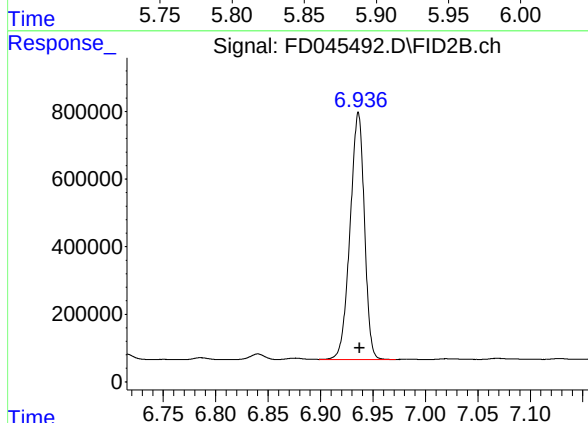
R.T.: 4.356 min
Delta R.T.: -0.002 min
Response: 5782585
Conc: 37.12 ug/ml

Instrument :
FID_D
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WASTEMSD



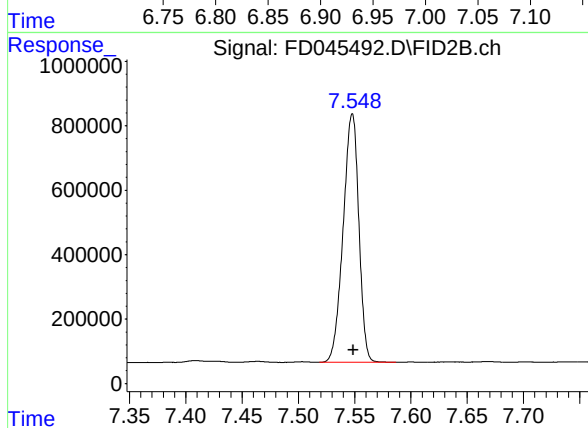
#2 Naphthalene (C11.7)

R.T.: 5.886 min
Delta R.T.: -0.002 min
Response: 6746675
Conc: 41.98 ug/ml



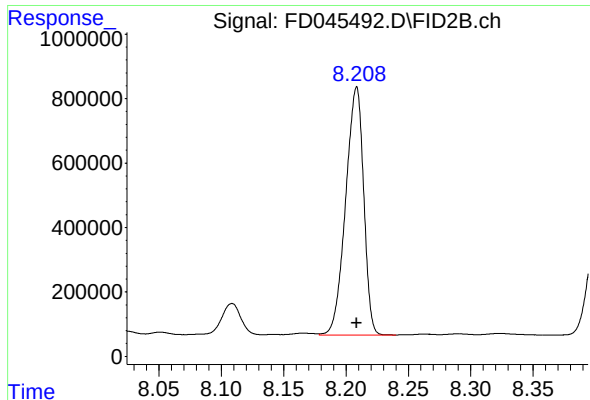
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.936 min
Delta R.T.: -0.001 min
Response: 6981995
Conc: 43.62 ug/ml



#4 2-Bromonaphthalene (SURR)

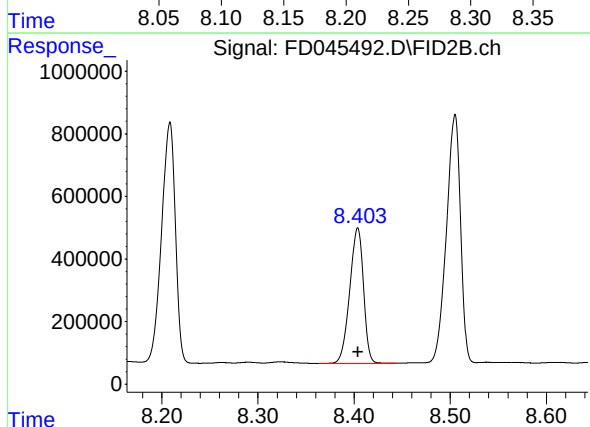
R.T.: 7.548 min
Delta R.T.: -0.001 min
Response: 7490043
Conc: 54.67 ug/ml



#5 Acenaphthylene (C15.06)

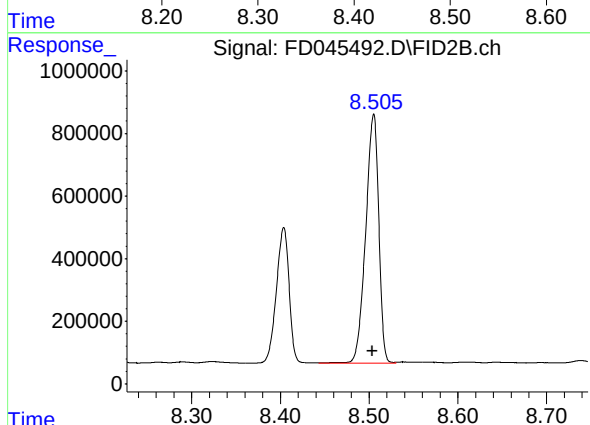
R.T.: 8.208 min
Delta R.T.: 0.000 min
Response: 7750822
Conc: 52.94 ug/ml

Instrument :
FID_D
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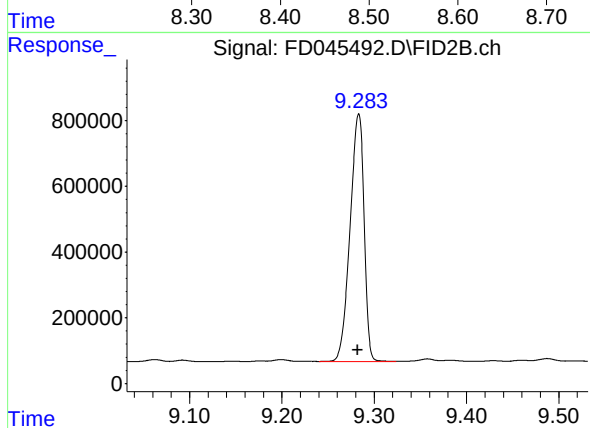
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.404 min
Delta R.T.: 0.000 min
Response: 4329599
Conc: 48.30 ug/ml



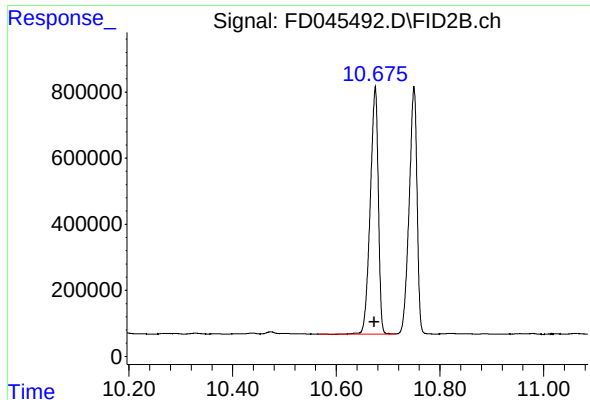
#7 Acenaphthene (C15.5)

R.T.: 8.505 min
Delta R.T.: 0.001 min
Response: 8152553
Conc: 52.56 ug/ml



#8 Flouorene (C16.55)

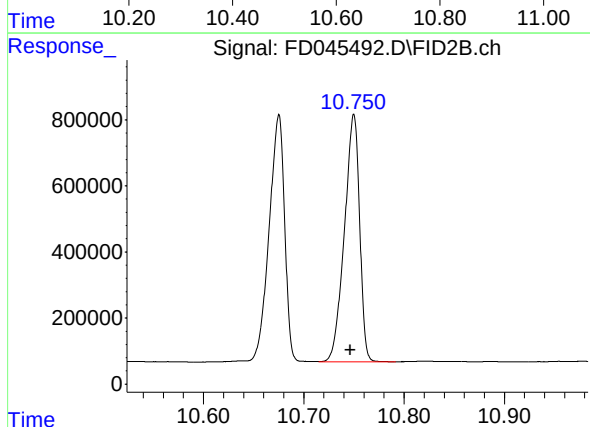
R.T.: 9.283 min
Delta R.T.: 0.000 min
Response: 7986084
Conc: 53.86 ug/ml



#9 Phenanthrene (C19.36)

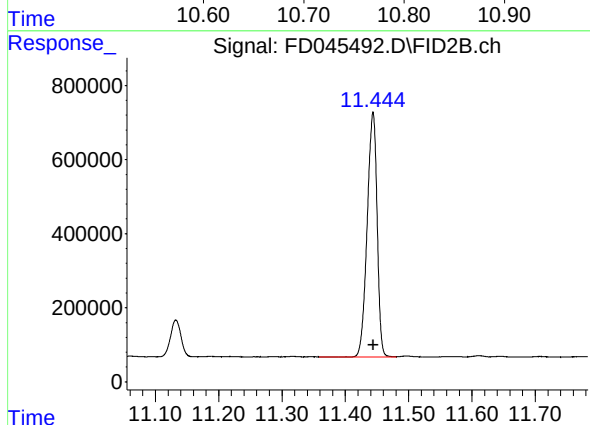
R.T.: 10.675 min
Delta R.T.: 0.001 min
Response: 8027759
Conc: 55.42 ug/ml

Instrument :
FID_D
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WASTEMSD



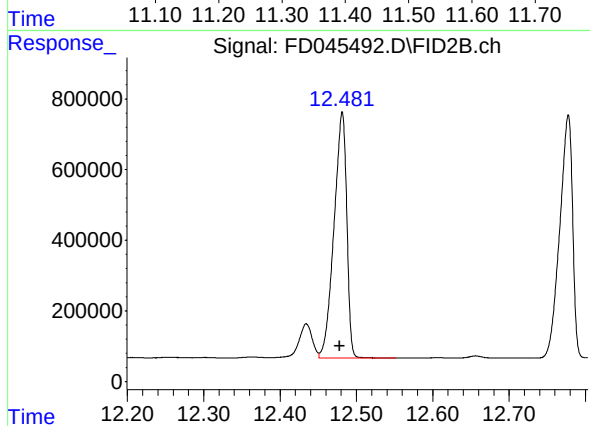
#10 Anthracene (C19.43)

R.T.: 10.750 min
Delta R.T.: 0.003 min
Response: 7883821
Conc: 57.04 ug/ml



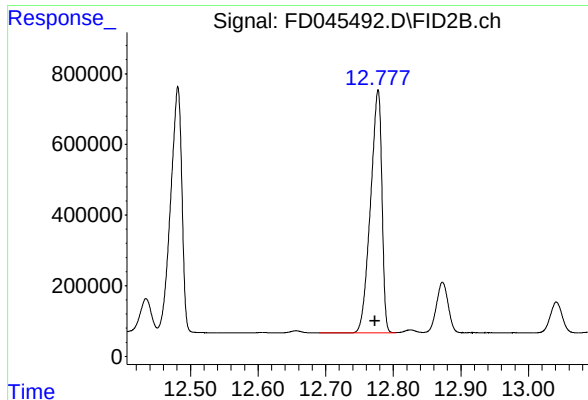
#11 ortho-Terphenyl (SURRE)

R.T.: 11.443 min
Delta R.T.: 0.000 min
Response: 7182879
Conc: 41.28 ug/ml



#12 Fluoranthene (C21.85)

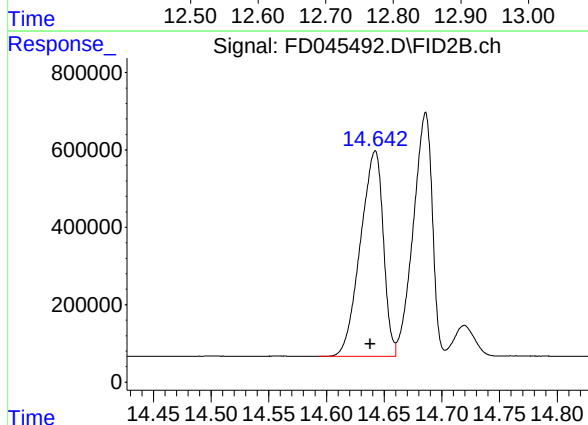
R.T.: 12.481 min
Delta R.T.: 0.003 min
Response: 8073225
Conc: 56.11 ug/ml



#13 Pyrene (C20.8)

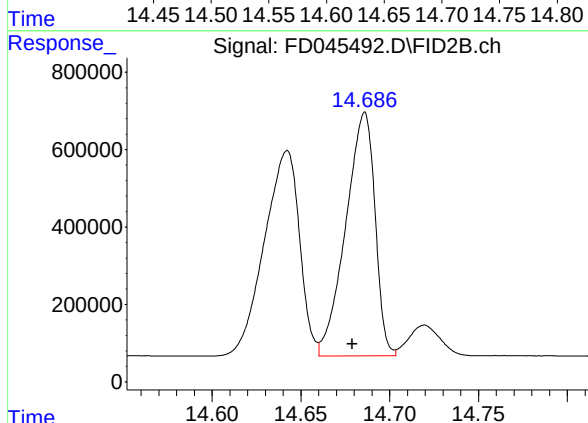
R.T.: 12.777 min
Delta R.T.: 0.004 min
Response: 8059347
Conc: 57.32 ug/ml

Instrument :
FID_D
ClientSampleId :
WASTEMSD



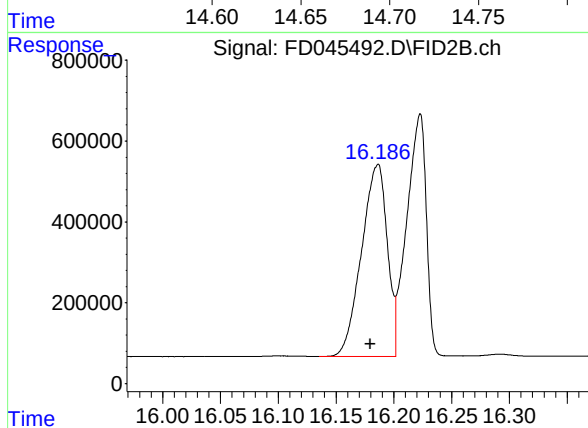
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.642 min
Delta R.T.: 0.004 min
Response: 7322365
Conc: 57.10 ug/ml



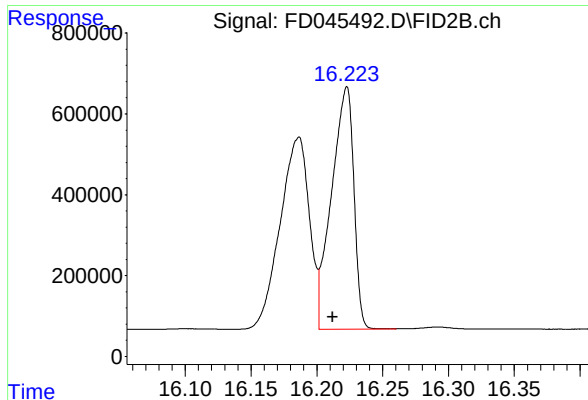
#15 Chrysene (C27.41)

R.T.: 14.685 min
Delta R.T.: 0.006 min
Response: 7223570
Conc: 54.48 ug/ml



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

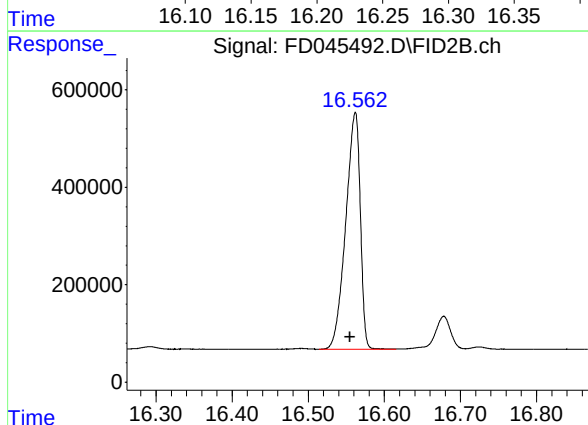
R.T.: 16.186 min
Delta R.T.: 0.006 min
Response: 7376926
Conc: 56.79 ug/ml



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

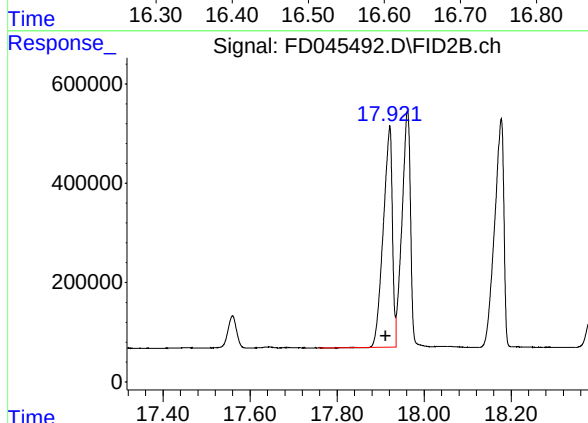
R.T.: 16.222 min
Delta R.T.: 0.010 min
Response: 7065908
Conc: 55.79 ug/ml

Instrument :
FID_D
ClientSampleId :
WASTEMSD



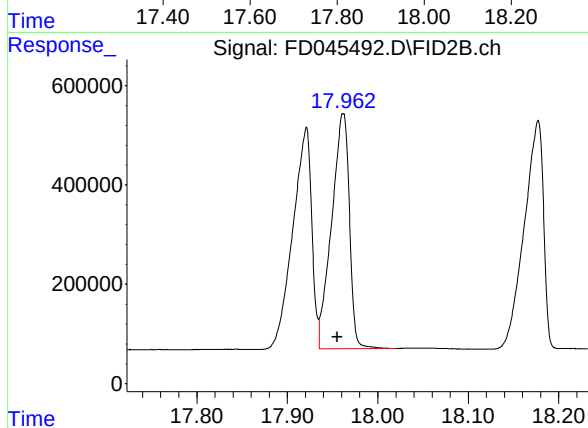
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.561 min
Delta R.T.: 0.006 min
Response: 6480273
Conc: 51.54 ug/ml



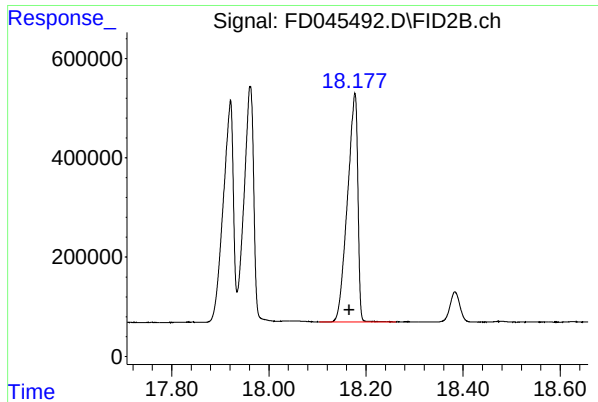
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.920 min
Delta R.T.: 0.008 min
Response: 6449205
Conc: 54.49 ug/ml



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

R.T.: 17.961 min
Delta R.T.: 0.006 min
Response: 6475624
Conc: 54.36 ug/ml



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

R.T.: 18.176 min
Delta R.T.: 0.011 min
Response: 6836791
Conc: 54.73 ug/ml

Instrument :
FID_D
ClientSampleId :
WASTEMSD