

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031319AR\
 Data File : FD028288.D
 Signal(s) : FID2B.CH
 Acq On : 14 Mar 2019 5:52
 Operator : AJ\SJ
 Sample : K1866-01MS
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 MR-MH-04-COMPMS

Integration File: autoint1.e
 Quant Time: Mar 14 07:23:26 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 022819.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 01 04:06:35 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	7.313	2630475	24.922 ug/ml
Spiked Amount 50.000		Recovery =	49.84%
6) S 2-Fluorobiphenyl (SURR)	8.161	1809765	25.674 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	51.35%
11) S ortho-Terphenyl (SURR)	11.197	2793572	24.366 ug/ml
Spiked Amount 50.000		Recovery =	48.73%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.126	1967345	18.589 ug/ml
2) T Naphthalene (C11.7)	5.651	2298403	19.581 ug/ml
3) T 2-Methylnaphthalene (...)	6.699	2417327	20.435 ug/ml
5) T Acenaphthylene (C15.06)	7.964	2501572	21.695 ug/ml
7) T Acenaphthene (C15.5)	8.259	2614733	21.523 ug/ml
8) T Fluorene (C16.55)	9.036	2590052	21.526 ug/ml
9) T Phenanthrene (C19.36)	10.422	2731052	24.442 ug/ml
10) T Anthracene (C19.43)	10.497	2707349	24.456 ug/ml
12) T Fluoranthene (C21.85)	12.223	3044655	28.059 ug/ml
13) T Pyrene (C20.8)	12.515	2830802	26.976 ug/ml
14) T Benzo[a]anthracene (C...	14.381	2800604	27.673 ug/ml
15) T Chrysene (C27.41)	14.424	2895504	28.082 ug/ml
16) T benzo[b]fluoranthene ...	15.925	2922347	27.728 ug/ml
17) T Bnezo[k]fluoranthene ...	15.958	2902759	26.955 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.299	2729387	25.501 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.660	2806902	27.428 ug/ml
20) T Dibenz[a,h]anthracene...	17.701	3005491	29.828 ug/ml
21) T Benzo[g,h,i]perylene ...	17.911	2842772	26.309 ug/ml

(f)=RT Delta > 1/2 Window

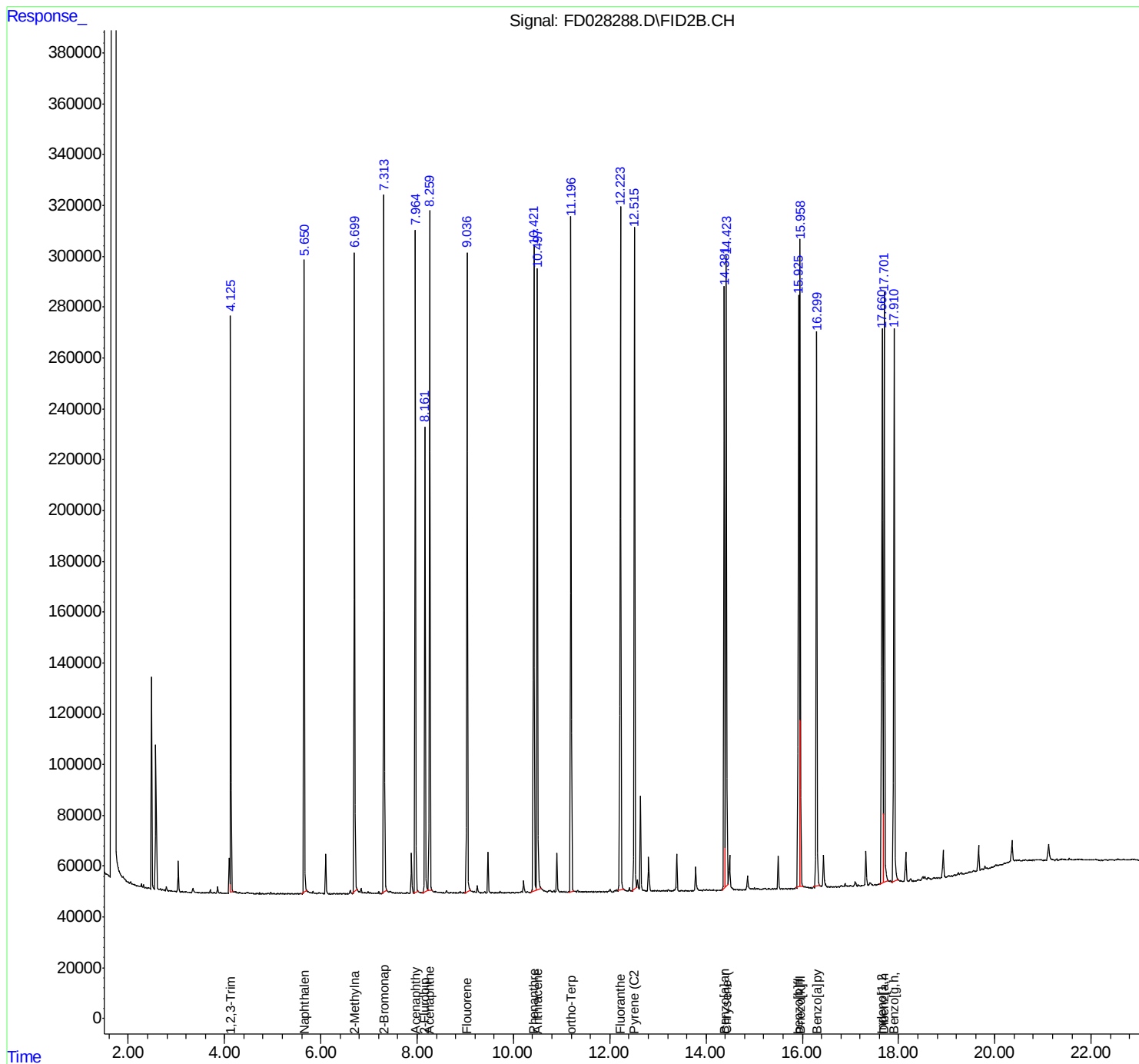
(m)=manual int.

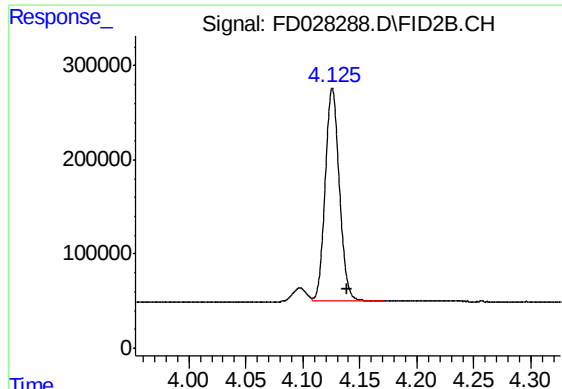
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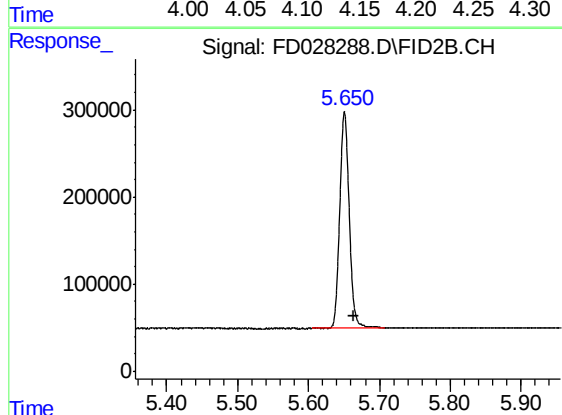




#1 1,2,3-Trimethylbenzene (C10.1)

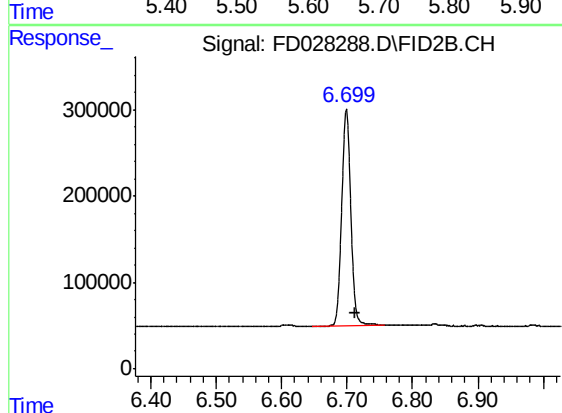
R.T.: 4.126 min
Delta R.T.: -0.013 min
Response: 1967345
Conc: 18.59 ug/ml

Instrument :
FID_D
ClientSampleId :
MR-MH-04-COMPMS



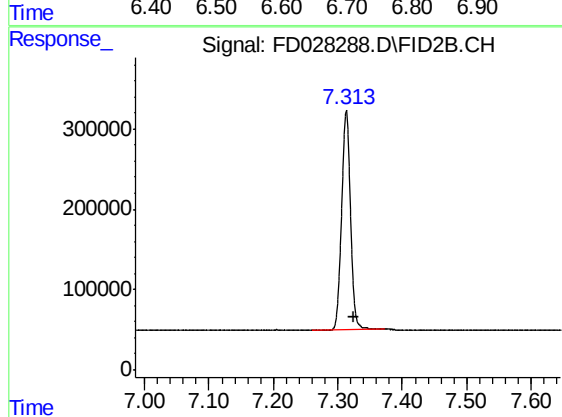
#2 Naphthalene (C11.7)

R.T.: 5.651 min
Delta R.T.: -0.013 min
Response: 2298403
Conc: 19.58 ug/ml



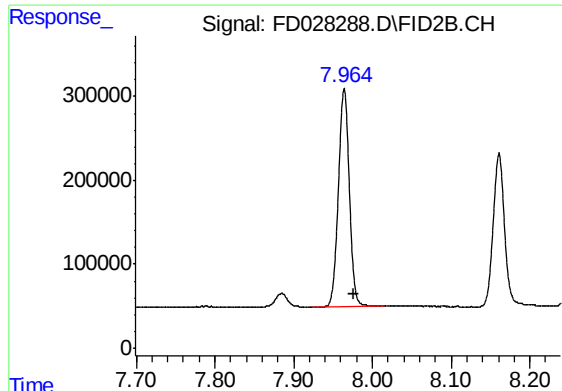
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.699 min
Delta R.T.: -0.012 min
Response: 2417327
Conc: 20.43 ug/ml



#4 2-Bromonaphthalene (SURR)

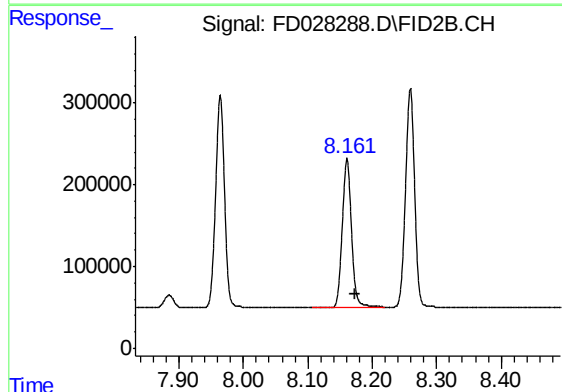
R.T.: 7.313 min
Delta R.T.: -0.012 min
Response: 2630475
Conc: 24.92 ug/ml



#5 Acenaphthylene (C15.06)

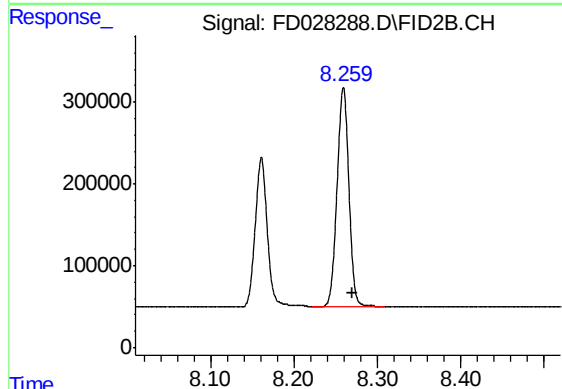
R.T.: 7.964 min
Delta R.T.: -0.012 min
Response: 2501572
Conc: 21.69 ug/ml

Instrument :
FID_D
ClientSampleId :
MR-MH-04-COMPMS



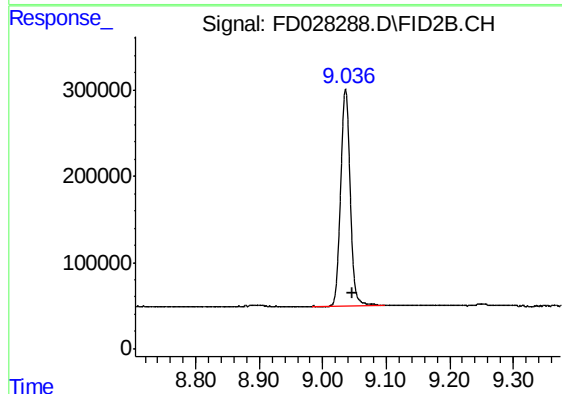
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.161 min
Delta R.T.: -0.012 min
Response: 1809765
Conc: 25.67 ug/ml



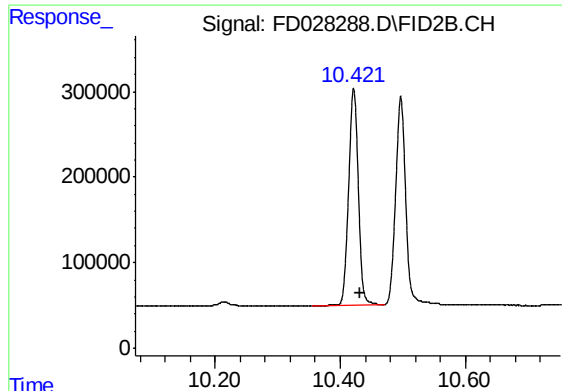
#7 Acenaphthene (C15.5)

R.T.: 8.259 min
Delta R.T.: -0.011 min
Response: 2614733
Conc: 21.52 ug/ml



#8 Flouorene (C16.55)

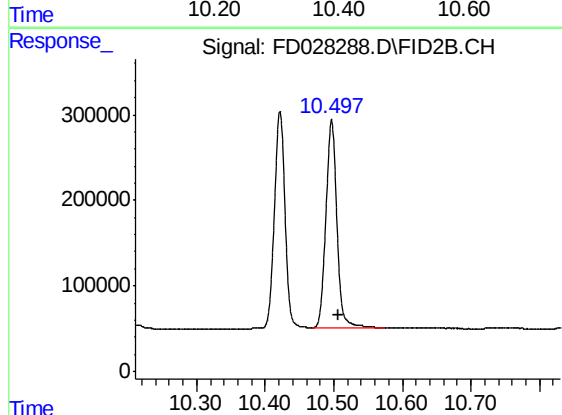
R.T.: 9.036 min
Delta R.T.: -0.011 min
Response: 2590052
Conc: 21.53 ug/ml



#9 Phenanthrene (C19.36)

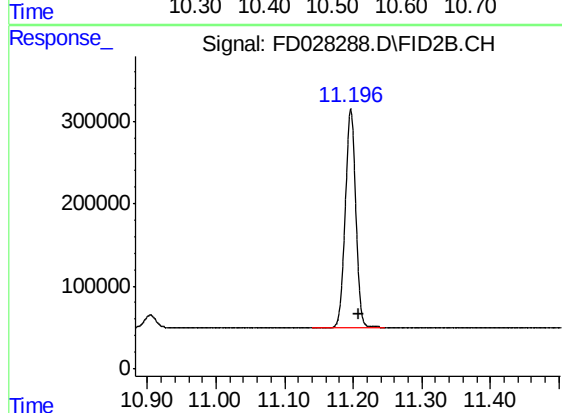
R.T.: 10.422 min
Delta R.T.: -0.011 min
Response: 2731052
Conc: 24.44 ug/ml

Instrument :
FID_D
ClientSampleId :
MR-MH-04-COMPMS



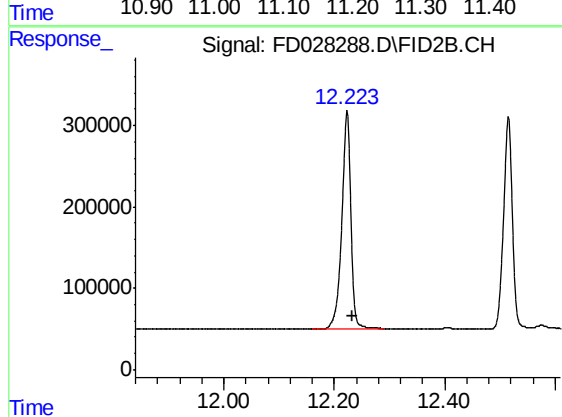
#10 Anthracene (C19.43)

R.T.: 10.497 min
Delta R.T.: -0.009 min
Response: 2707349
Conc: 24.46 ug/ml



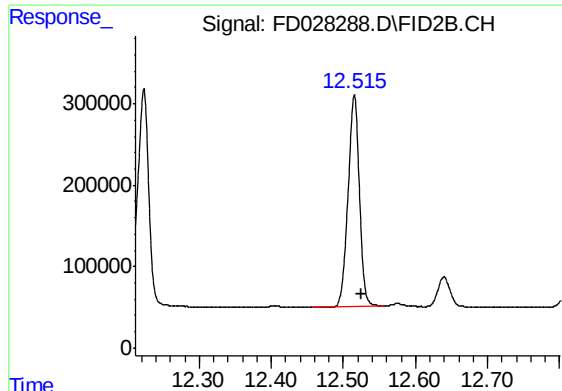
#11 ortho-Terphenyl (SURRE)

R.T.: 11.197 min
Delta R.T.: -0.012 min
Response: 2793572
Conc: 24.37 ug/ml



#12 Fluoranthene (C21.85)

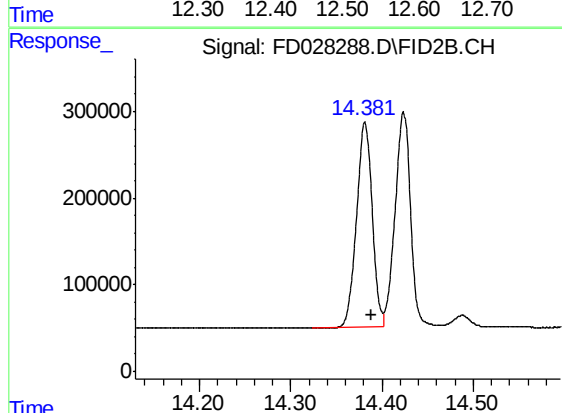
R.T.: 12.223 min
Delta R.T.: -0.010 min
Response: 3044655
Conc: 28.06 ug/ml



#13 Pyrene (C20.8)

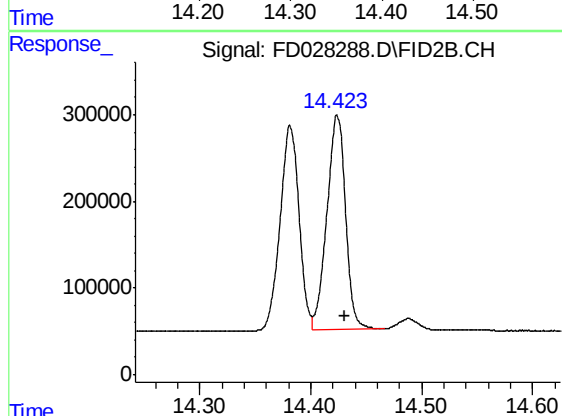
R.T.: 12.515 min
Delta R.T.: -0.010 min
Response: 2830802
Conc: 26.98 ug/ml

Instrument :
FID_D
ClientSampleId :
MR-MH-04-COMPMS



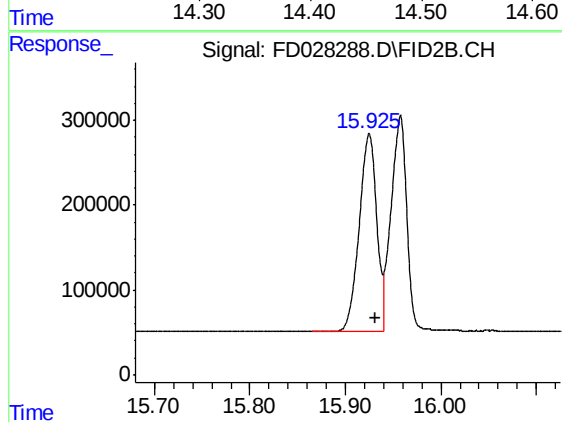
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.381 min
Delta R.T.: -0.008 min
Response: 2800604
Conc: 27.67 ug/ml



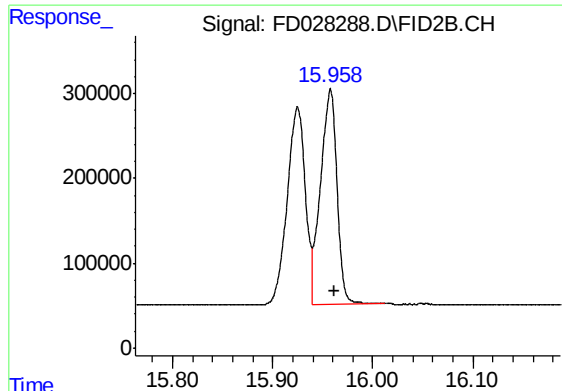
#15 Chrysene (C27.41)

R.T.: 14.424 min
Delta R.T.: -0.006 min
Response: 2895504
Conc: 28.08 ug/ml



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

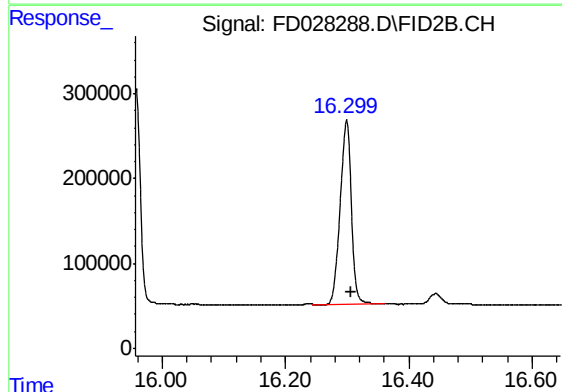
R.T.: 15.925 min
Delta R.T.: -0.006 min
Response: 2922347
Conc: 27.73 ug/ml



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

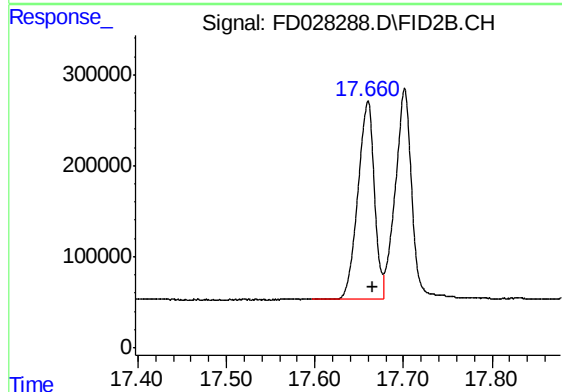
R.T.: 15.958 min
Delta R.T.: -0.004 min
Response: 2902759
Conc: 26.96 ug/ml

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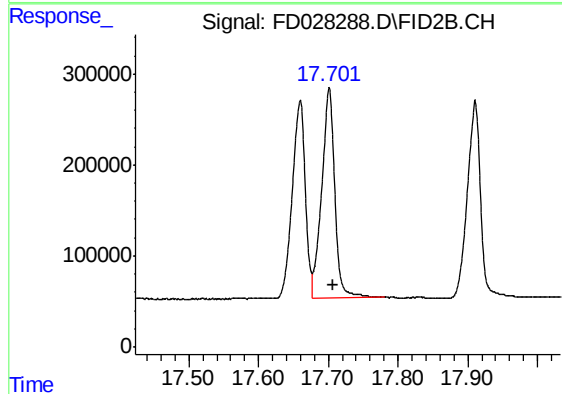
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.299 min
Delta R.T.: -0.007 min
Response: 2729387
Conc: 25.50 ug/ml



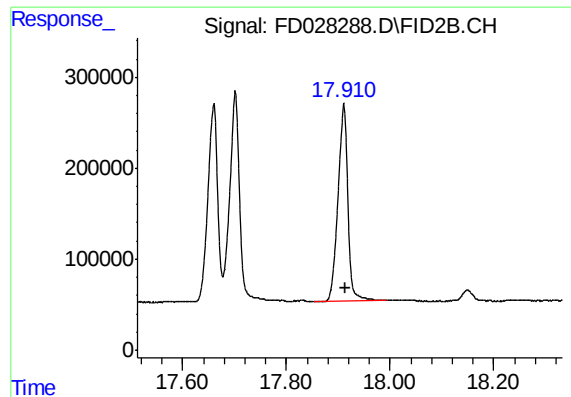
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.660 min
Delta R.T.: -0.005 min
Response: 2806902
Conc: 27.43 ug/ml



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

R.T.: 17.701 min
Delta R.T.: -0.005 min
Response: 3005491
Conc: 29.83 ug/ml



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

R.T.: 17.911 min
Delta R.T.: -0.003 min
Response: 2842772
Conc: 26.31 ug/ml

Instrument :
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ClientSampleId :
MR-MH-04-COMPMS