

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022019AR\
 Data File : FD027868.D
 Signal(s) : FID2B.CH
 Acq On : 20 Feb 2019 18:04
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 20 23:42:39 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020419.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 05 01:03:41 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...	7.338	1683569	22.677 ug/ml
Spiked Amount 50.000		Recovery =	45.35%
6) S 2-Fluorobiphenyl (SURR)	8.186	1086014	21.345 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.69%
11) S ortho-Terphenyl (SURR)	11.221	1708718	19.276 ug/ml
Spiked Amount 50.000		Recovery =	38.55%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.150	1801665	22.796 ug/ml
2) T Naphthalene (C11.7)	5.676	1731517	20.343 ug/ml
3) T 2-Methylnaphthalene (...)	6.724	1864866	22.105 ug/ml
5) T Acenaphthylene (C15.06)	7.989	1655131	19.768 ug/ml
7) T Acenaphthene (C15.5)	8.283	1841847	20.954 ug/ml
8) T Flouorene (C16.55)	9.060	1593136	18.268 ug/ml
9) T Phenanthrene (C19.36)	10.446	1611925	18.350 ug/ml
10) T Anthracene (C19.43)	10.520	1592809	18.433 ug/ml
12) T Fluoranthene (C21.85)	12.246	1737338	19.406 ug/ml
13) T Pyrene (C20.8)	12.540	1685298	18.992 ug/ml
14) T Benzo[a]anthracene (C...	14.405	1805145	20.188 ug/ml
15) T Chrysene (C27.41)	14.446	1872604	20.620 ug/ml
16) T benzo[b]fluoranthene ...	15.946	2421590	24.795 ug/ml
17) T Bnezo[k]fluoranthene ...	15.977	1997863	20.206 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.320	2066562	21.135 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.680	1835137	18.506 ug/ml
20) T Dibenz[a,h]anthracene...	17.720	1822426	18.528 ug/ml
21) T Benzo[g,h,i]perylene ...	17.930	1932167	19.059 ug/ml

(f)=RT Delta > 1/2 Window

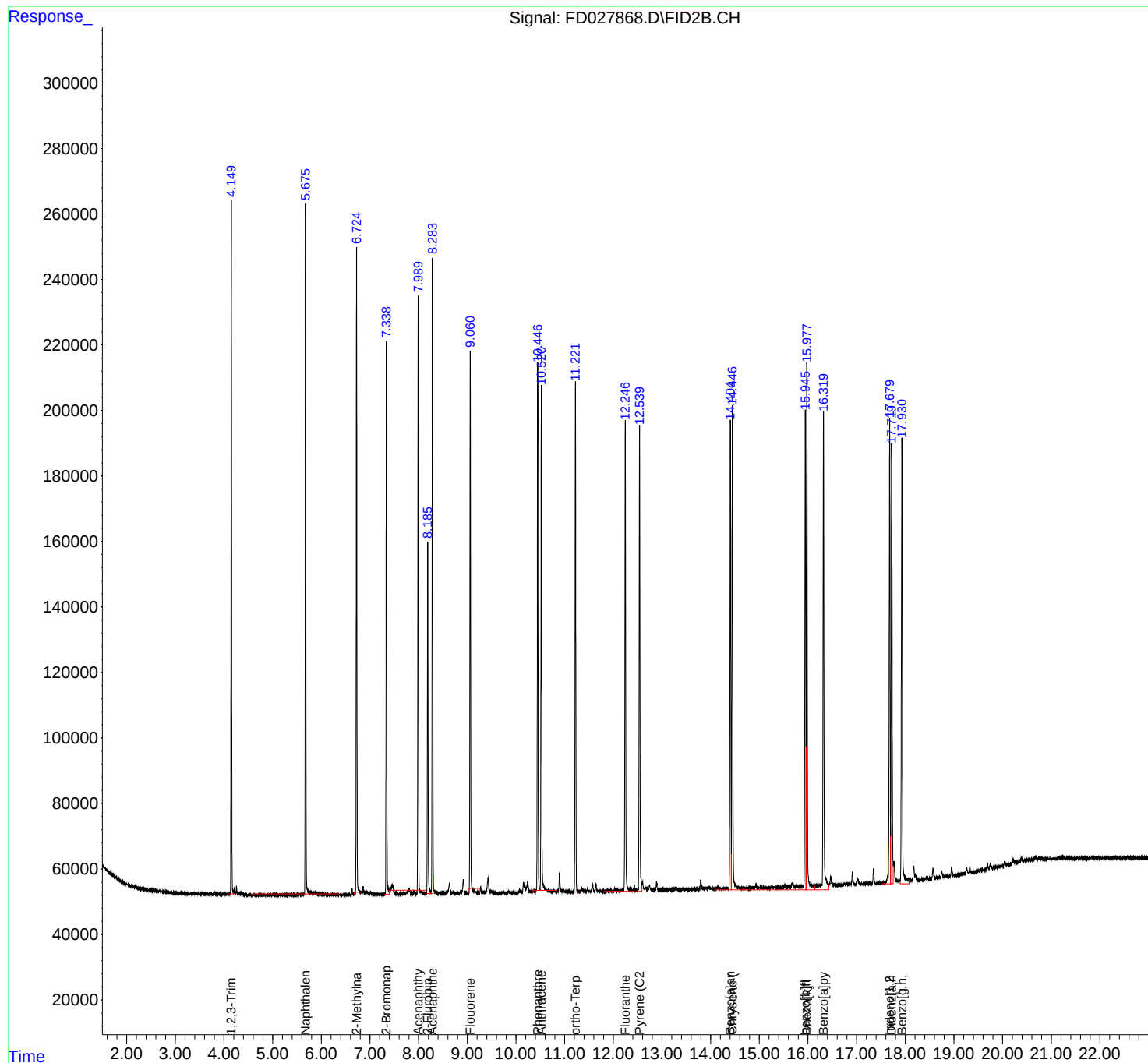
(m)=manual int.

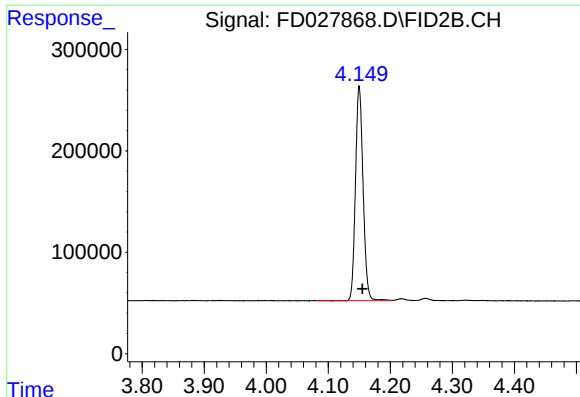
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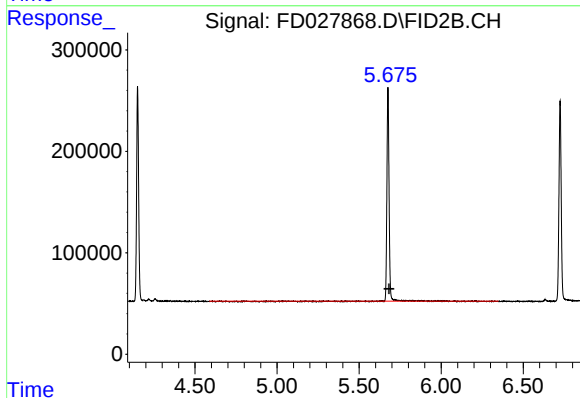




#1 1,2,3-Trimethylbenzene (C10.1)

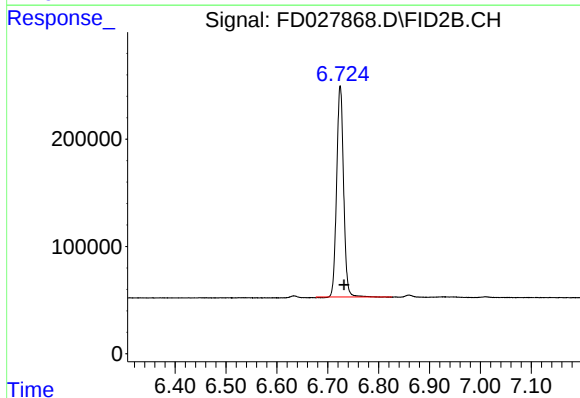
R.T.: 4.150 min
Delta R.T.: -0.005 min
Response: 1801665
Conc: 22.80 ug/ml

Instrument :
FID_D
ClientSampleId :



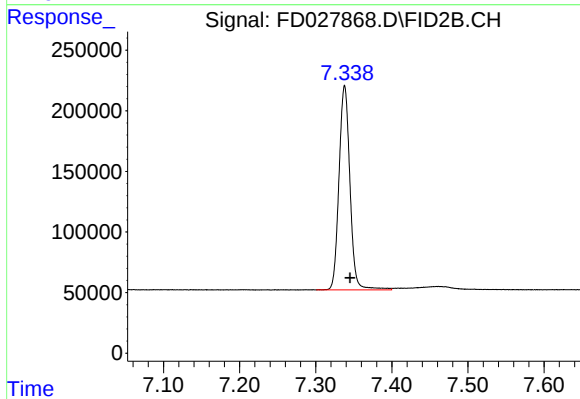
#2 Naphthalene (C11.7)

R.T.: 5.676 min
Delta R.T.: -0.007 min
Response: 1731517
Conc: 20.34 ug/ml



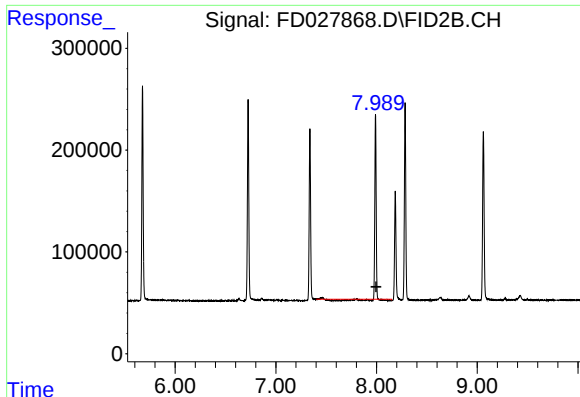
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.724 min
Delta R.T.: -0.007 min
Response: 1864866
Conc: 22.10 ug/ml



#4 2-Bromonaphthalene (SURR)

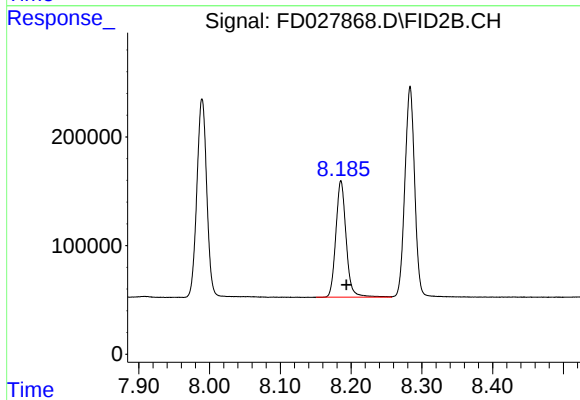
R.T.: 7.338 min
Delta R.T.: -0.007 min
Response: 1683569
Conc: 22.68 ug/ml



#5 Acenaphthylene (C15.06)

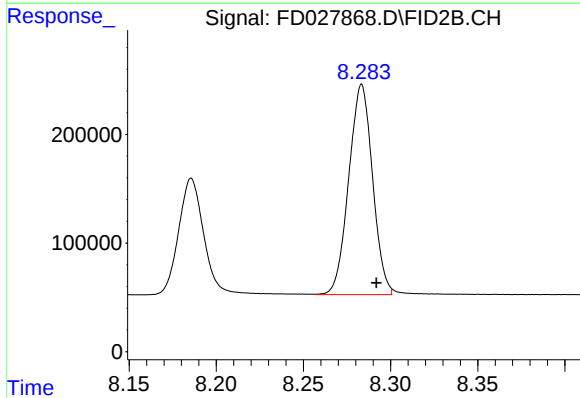
R.T.: 7.989 min
Delta R.T.: -0.007 min
Response: 1655131
Conc: 19.77 ug/ml

Instrument :
FID_D
ClientSampleId :



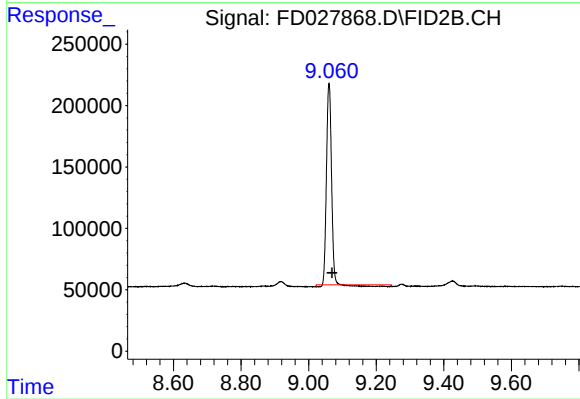
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.186 min
Delta R.T.: -0.008 min
Response: 1086014
Conc: 21.35 ug/ml



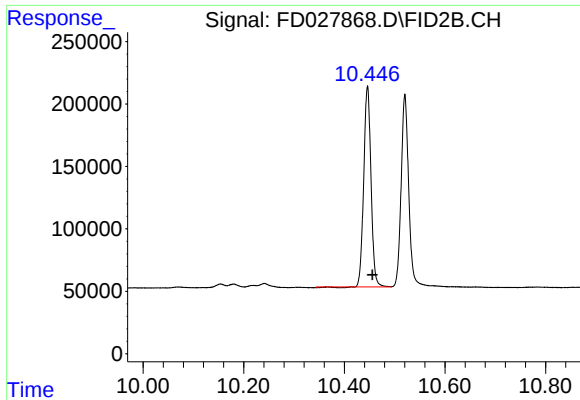
#7 Acenaphthene (C15.5)

R.T.: 8.283 min
Delta R.T.: -0.008 min
Response: 1841847
Conc: 20.95 ug/ml



#8 Flouorene (C16.55)

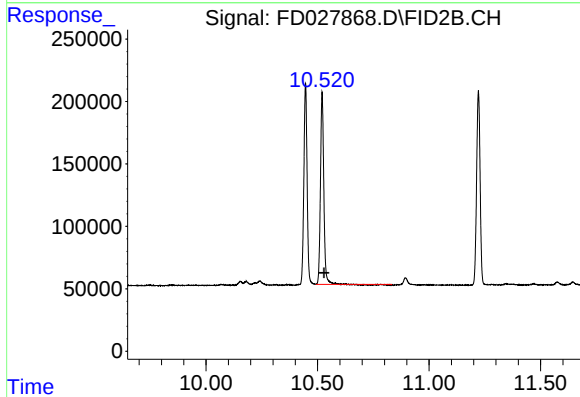
R.T.: 9.060 min
Delta R.T.: -0.009 min
Response: 1593136
Conc: 18.27 ug/ml



#9 Phenanthrene (C19.36)

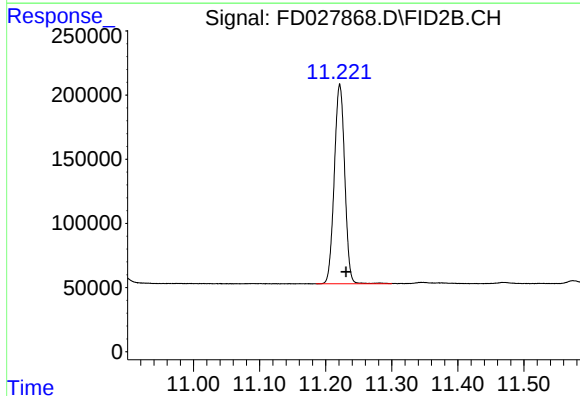
R.T.: 10.446 min
Delta R.T.: -0.010 min
Response: 1611925
Conc: 18.35 ug/ml

Instrument :
FID_D
ClientSampleId :



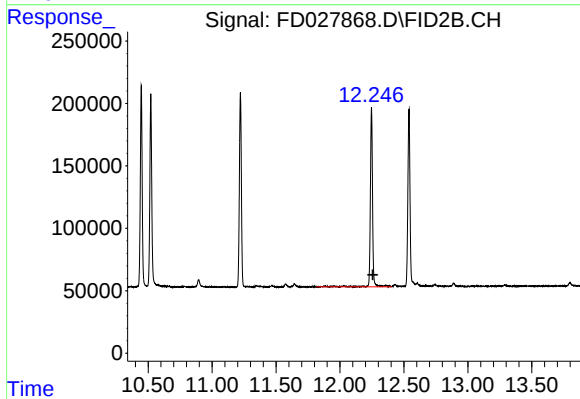
#10 Anthracene (C19.43)

R.T.: 10.520 min
Delta R.T.: -0.009 min
Response: 1592809
Conc: 18.43 ug/ml



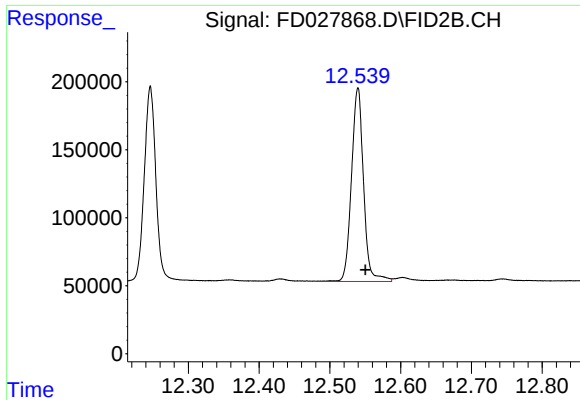
#11 ortho-Terphenyl (SURR)

R.T.: 11.221 min
Delta R.T.: -0.010 min
Response: 1708718
Conc: 19.28 ug/ml



#12 Fluoranthene (C21.85)

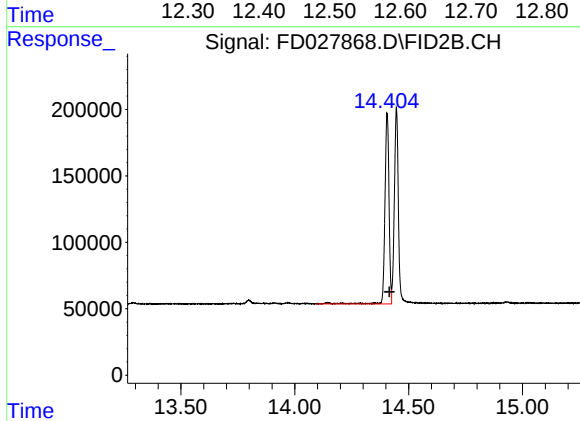
R.T.: 12.246 min
Delta R.T.: -0.011 min
Response: 1737338
Conc: 19.41 ug/ml



#13 Pyrene (C20.8)

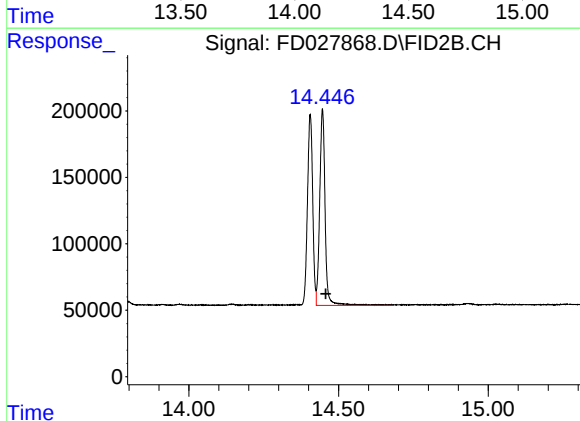
R.T.: 12.540 min
Delta R.T.: -0.011 min
Response: 1685298
Conc: 18.99 ug/ml

Instrument :
FID_D
ClientSampleId :



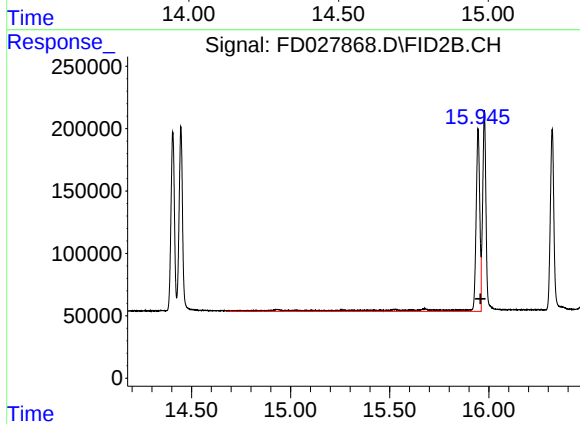
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.405 min
Delta R.T.: -0.011 min
Response: 1805145
Conc: 20.19 ug/ml



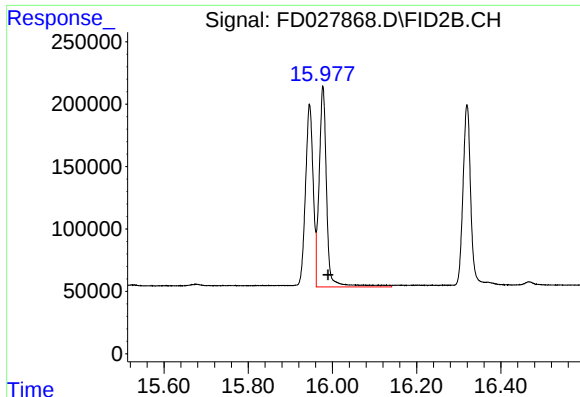
#15 Chrysene (C27.41)

R.T.: 14.446 min
Delta R.T.: -0.011 min
Response: 1872604
Conc: 20.62 ug/ml



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

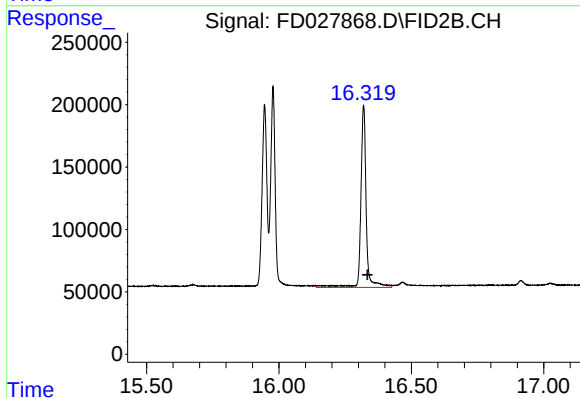
R.T.: 15.946 min
Delta R.T.: -0.012 min
Response: 2421590
Conc: 24.79 ug/ml



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

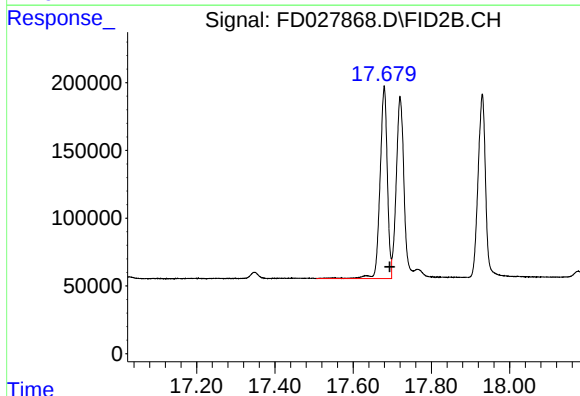
R.T.: 15.977 min
Delta R.T.: -0.012 min
Response: 1997863
Conc: 20.21 ug/ml

Instrument :
FID_D
ClientSampleId :



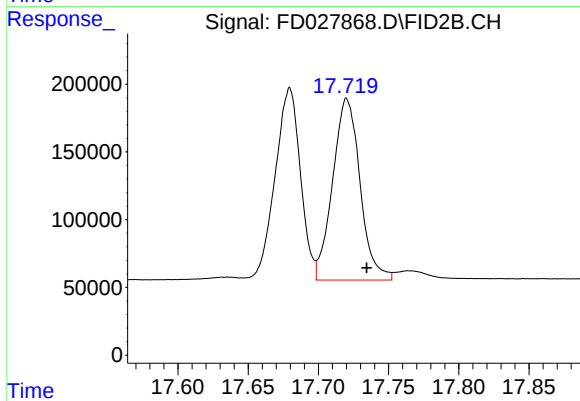
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.320 min
Delta R.T.: -0.015 min
Response: 2066562
Conc: 21.14 ug/ml



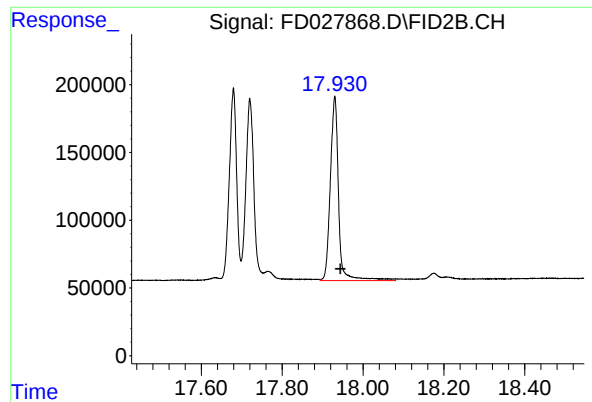
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.680 min
Delta R.T.: -0.014 min
Response: 1835137
Conc: 18.51 ug/ml



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

R.T.: 17.720 min
Delta R.T.: -0.014 min
Response: 1822426
Conc: 18.53 ug/ml



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

R.T.: 17.930 min
Delta R.T.: -0.014 min
Response: 1932167
Conc: 19.06 ug/ml

Instrument :
FID_D
ClientSampleId :