

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022019AR\
 Data File : FD027855.D
 Signal(s) : FID2B.CH
 Acq On : 20 Feb 2019 10:06
 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 10:31:10 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...	7.337	1725435	23.241 ug/ml
Spiked Amount 50.000		Recovery =	46.48%
6) S 2-Fluorobiphenyl (SURR)	8.185	1122553	22.064 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	44.13%
11) S ortho-Terphenyl (SURR)	11.221	1770083	19.968 ug/ml
Spiked Amount 50.000		Recovery =	39.94%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.150	1833566	23.199 ug/ml
2) T Naphthalene (C11.7)	5.676	1828750	21.485 ug/ml
3) T 2-Methylnaphthalene (...)	6.724	1904983	22.580 ug/ml
5) T Acenaphthylene (C15.06)	7.989	1714585	20.478 ug/ml
7) T Acenaphthene (C15.5)	8.283	1901089	21.628 ug/ml
8) T Fluorene (C16.55)	9.061	1698267	19.473 ug/ml
9) T Phenanthrene (C19.36)	10.446	1668944	18.999 ug/ml
10) T Anthracene (C19.43)	10.520	1610646	18.640 ug/ml
12) T Fluoranthene (C21.85)	12.246	1649882	18.429 ug/ml
13) T Pyrene (C20.8)	12.538	1653736	18.637 ug/ml
14) T Benzo[a]anthracene (C...	14.405	1695848	18.966 ug/ml
15) T Chrysene (C27.41)	14.445	1812437	19.958 ug/ml
16) T benzo[b]fluoranthene ...	15.945	1754121	17.960 ug/ml
17) T Bnezo[k]fluoranthene ...	15.978	1781066	18.013 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.319	1696815	17.354 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.679	1876012	18.918 ug/ml
20) T Dibenz[a,h]anthracene...	17.720	1984190	20.172 ug/ml
21) T Benzo[g,h,i]perylene ...	17.929	1960204	19.335 ug/ml

(f)=RT Delta > 1/2 Window

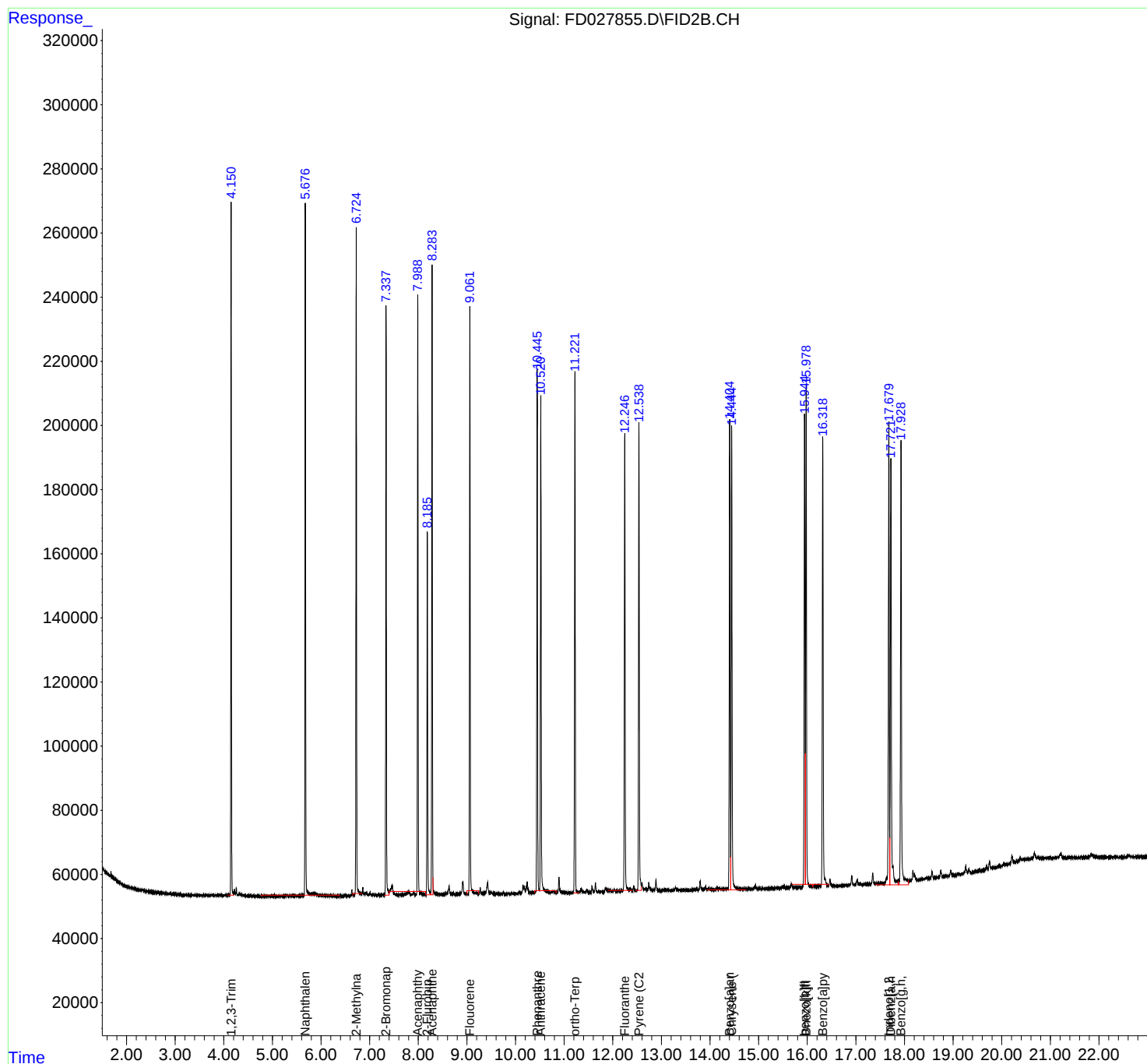
(m)=manual int.

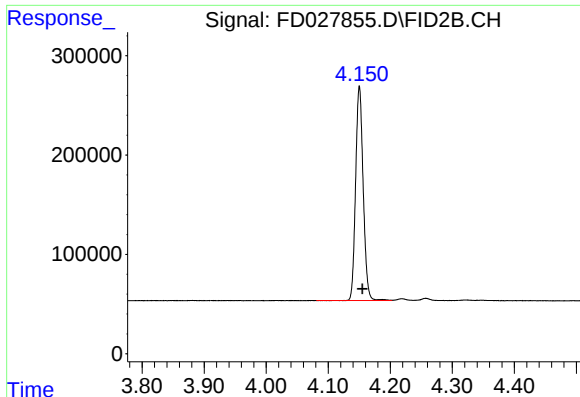
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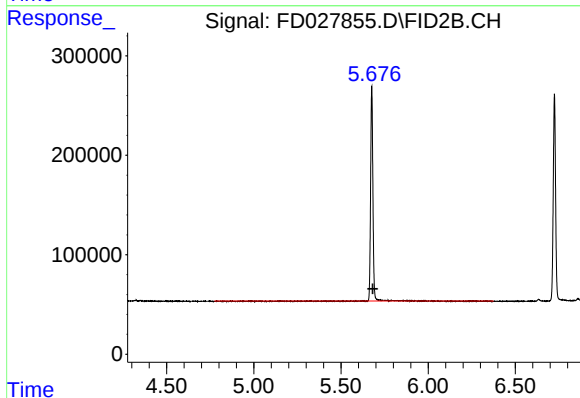




#1 1,2,3-Trimethylbenzene (C10.1)

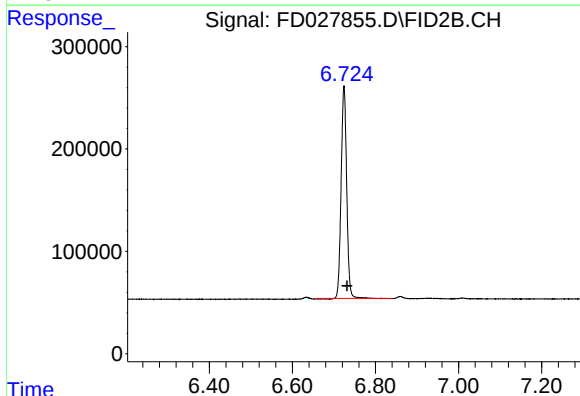
R.T.: 4.150 min
Delta R.T.: -0.005 min
Response: 1833566
Conc: 23.20 ug/ml

Instrument :
FID_D
ClientSampleId :



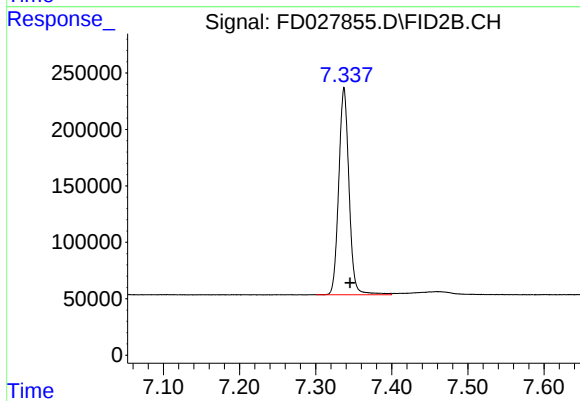
#2 Naphthalene (C11.7)

R.T.: 5.676 min
Delta R.T.: -0.006 min
Response: 1828750
Conc: 21.48 ug/ml



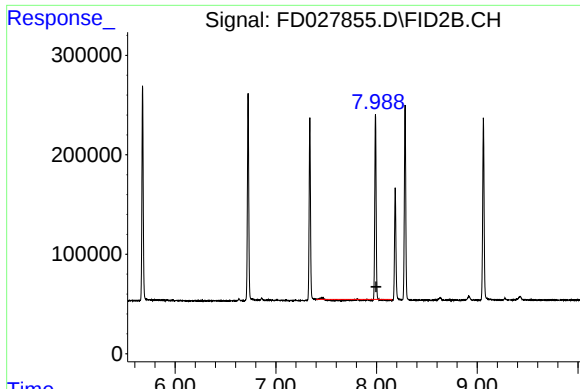
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.724 min
Delta R.T.: -0.007 min
Response: 1904983
Conc: 22.58 ug/ml



#4 2-Bromonaphthalene (SURR)

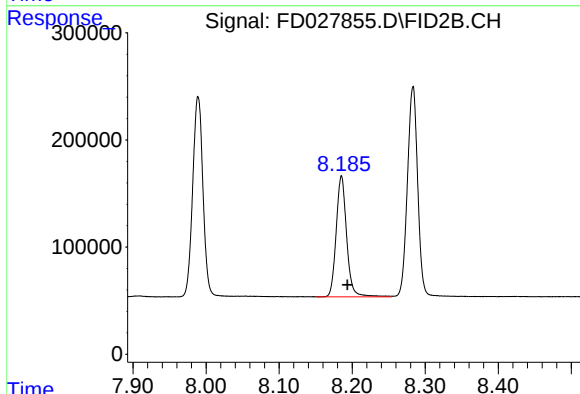
R.T.: 7.337 min
Delta R.T.: -0.008 min
Response: 1725435
Conc: 23.24 ug/ml



#5 Acenaphthylene (C15.06)

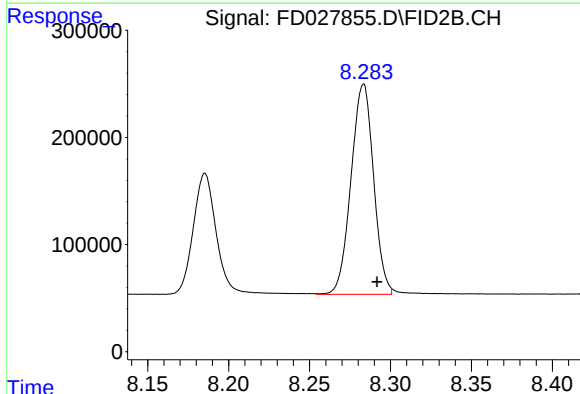
R.T.: 7.989 min
Delta R.T.: -0.007 min
Response: 1714585
Conc: 20.48 ug/ml

Instrument :
FID_D
ClientSampleId :



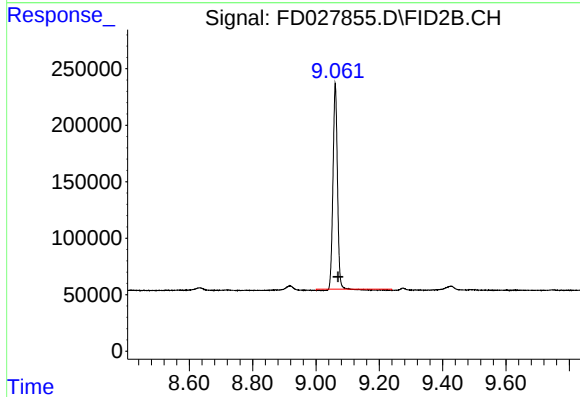
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.185 min
Delta R.T.: -0.008 min
Response: 1122553
Conc: 22.06 ug/ml



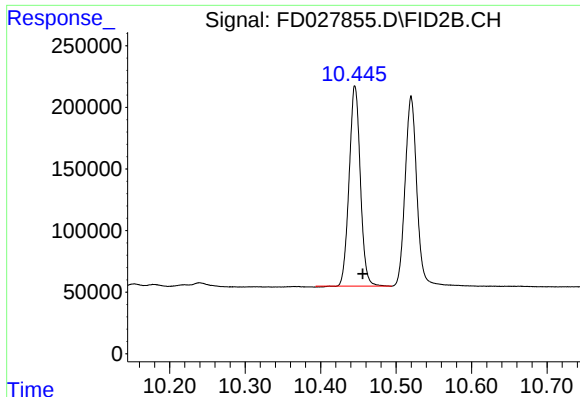
#7 Acenaphthene (C15.5)

R.T.: 8.283 min
Delta R.T.: -0.008 min
Response: 1901089
Conc: 21.63 ug/ml



#8 Flouorene (C16.55)

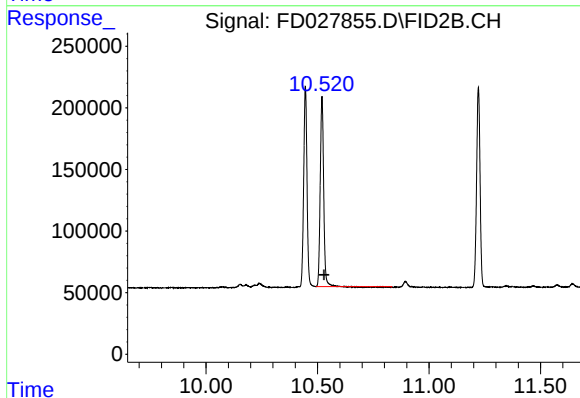
R.T.: 9.061 min
Delta R.T.: -0.009 min
Response: 1698267
Conc: 19.47 ug/ml



#9 Phenanthrene (C19.36)

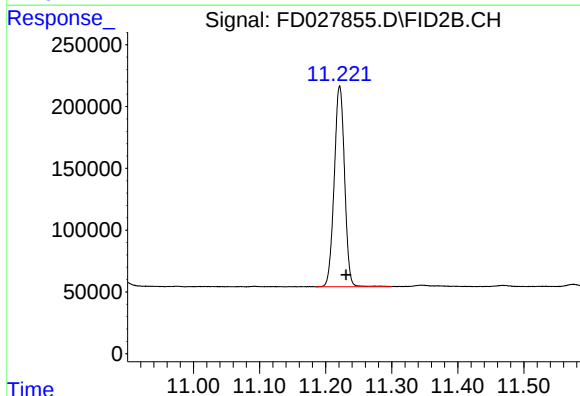
R.T.: 10.446 min
Delta R.T.: -0.010 min
Response: 1668944
Conc: 19.00 ug/ml

Instrument :
FID_D
ClientSampleId :



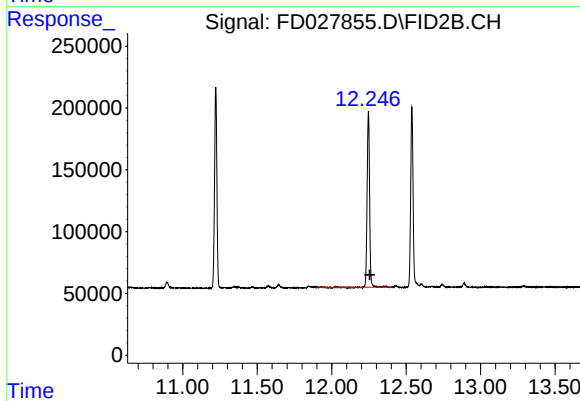
#10 Anthracene (C19.43)

R.T.: 10.520 min
Delta R.T.: -0.009 min
Response: 1610646
Conc: 18.64 ug/ml



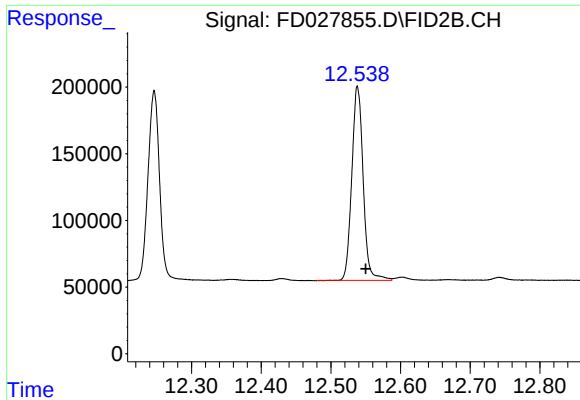
#11 ortho-Terphenyl (SURR)

R.T.: 11.221 min
Delta R.T.: -0.010 min
Response: 1770083
Conc: 19.97 ug/ml



#12 Fluoranthene (C21.85)

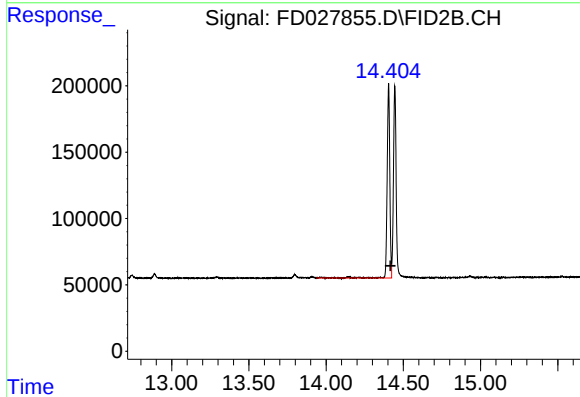
R.T.: 12.246 min
Delta R.T.: -0.010 min
Response: 1649882
Conc: 18.43 ug/ml



#13 Pyrene (C20.8)

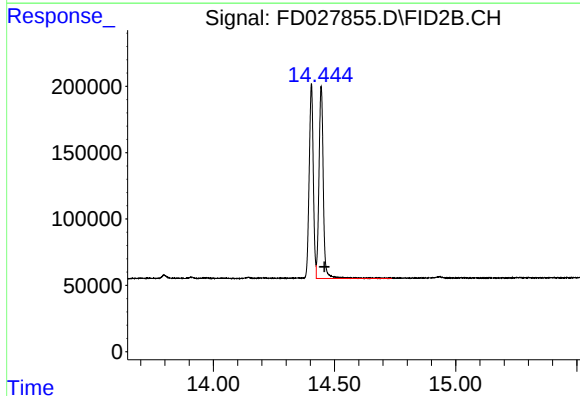
R.T.: 12.538 min
Delta R.T.: -0.012 min
Response: 1653736
Conc: 18.64 ug/ml

Instrument :
FID_D
ClientSampleId :



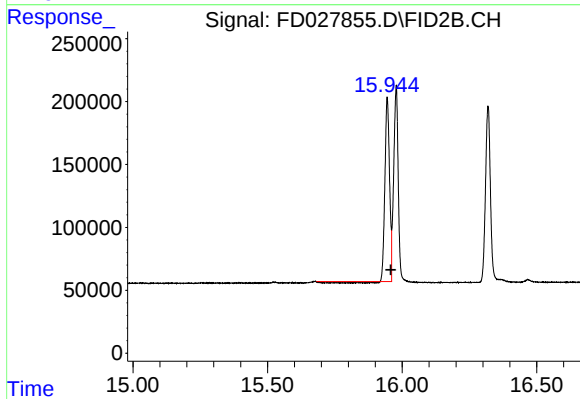
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.405 min
Delta R.T.: -0.011 min
Response: 1695848
Conc: 18.97 ug/ml



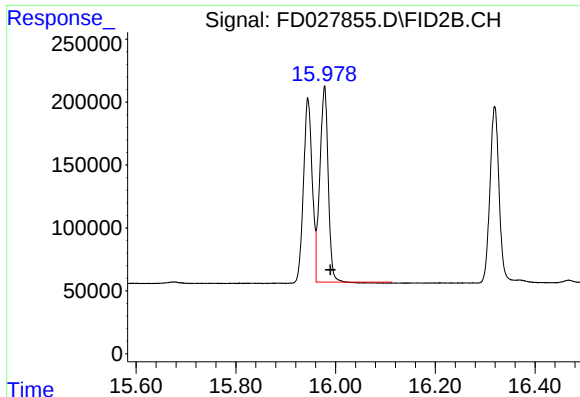
#15 Chrysene (C27.41)

R.T.: 14.445 min
Delta R.T.: -0.013 min
Response: 1812437
Conc: 19.96 ug/ml



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

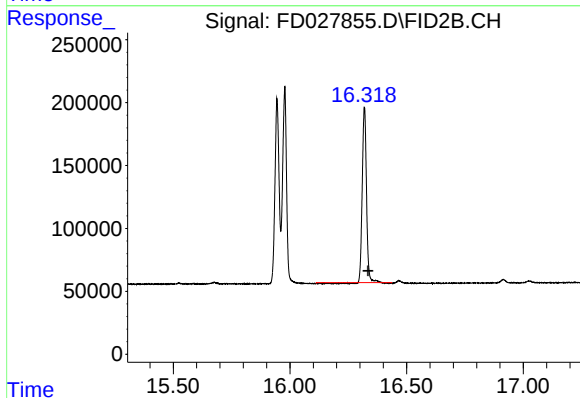
R.T.: 15.945 min
Delta R.T.: -0.014 min
Response: 1754121
Conc: 17.96 ug/ml



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

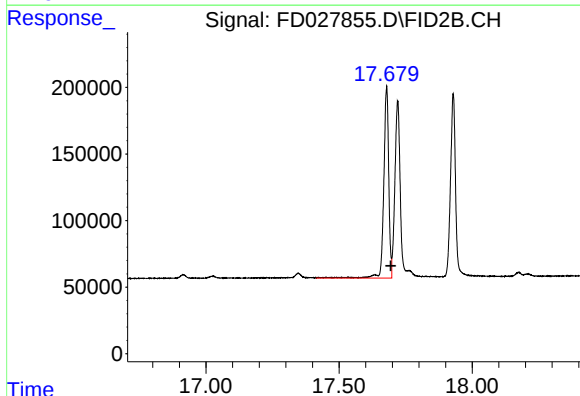
R.T.: 15.978 min
Delta R.T.: -0.012 min
Response: 1781066
Conc: 18.01 ug/ml

Instrument :
FID_D
ClientSampleId :



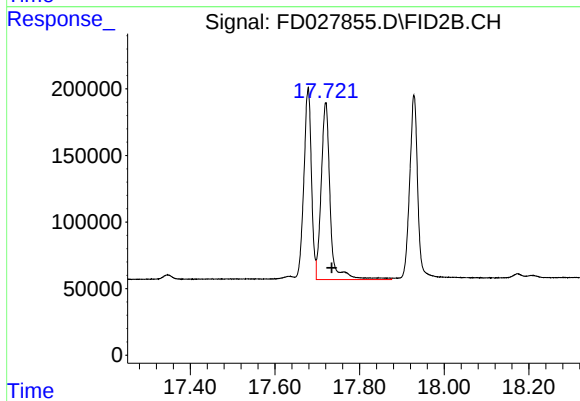
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.319 min
Delta R.T.: -0.015 min
Response: 1696815
Conc: 17.35 ug/ml



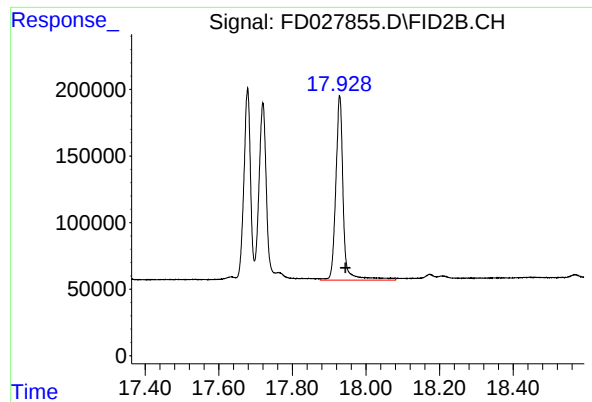
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.679 min
Delta R.T.: -0.015 min
Response: 1876012
Conc: 18.92 ug/ml



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

R.T.: 17.720 min
Delta R.T.: -0.014 min
Response: 1984190
Conc: 20.17 ug/ml



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

R.T.: 17.929 min
Delta R.T.: -0.015 min
Response: 1960204
Conc: 19.34 ug/ml

Instrument :
FID_D
ClientSampleId :