

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042419AR\
 Data File : FD029066.D
 Signal(s) : FID2B.CH
 Acq On : 25 Apr 2019 15:51
 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: Apr 25 16:30:24 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 041919.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 19 05:29:12 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...	7.087	1823562	18.282 ug/ml
Spiked Amount 50.000		Recovery =	36.56%
6) S 2-Fluorobiphenyl (SURR)	7.953	1223594	17.855 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.71%
11) S ortho-Terphenyl (SURR)	10.992	1944610	18.252 ug/ml
Spiked Amount 50.000		Recovery =	36.50%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.913	1996890	21.122 ug/ml
2) T Naphthalene (C11.7)	5.434	2101770	19.668 ug/ml
3) T 2-Methylnaphthalene (...)	6.480	2051661	18.745 ug/ml
5) T Acenaphthylene (C15.06)	7.757	1925757	17.988 ug/ml
7) T Acenaphthene (C15.5)	8.052	2021637	17.986 ug/ml
8) T Fluorene (C16.55)	8.832	1997300	17.847 ug/ml
9) T Phenanthrene (C19.36)	10.229	2027807	18.889 ug/ml
10) T Anthracene (C19.43)	10.304	1939521	18.233 ug/ml
12) T Fluoranthene (C21.85)	12.040	2207127	21.966 ug/ml
13) T Pyrene (C20.8)	12.339	2250289	22.171 ug/ml
14) T Benzo[a]anthracene (C...	14.204	2334679	23.020 ug/ml
15) T Chrysene (C27.41)	14.247	2351101	23.063 ug/ml
16) T benzo[b]fluoranthene ...	15.750	2417946	22.536 ug/ml
17) T Bnezo[k]fluoranthene ...	15.783	2388891	22.498 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.129	2383240	22.312 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.490	2347635	21.736 ug/ml
20) T Dibenz[a,h]anthracene...	17.529	2341464	22.086 ug/ml
21) T Benzo[g,h,i]perylene ...	17.747	2343905	21.895 ug/ml

(f)=RT Delta > 1/2 Window

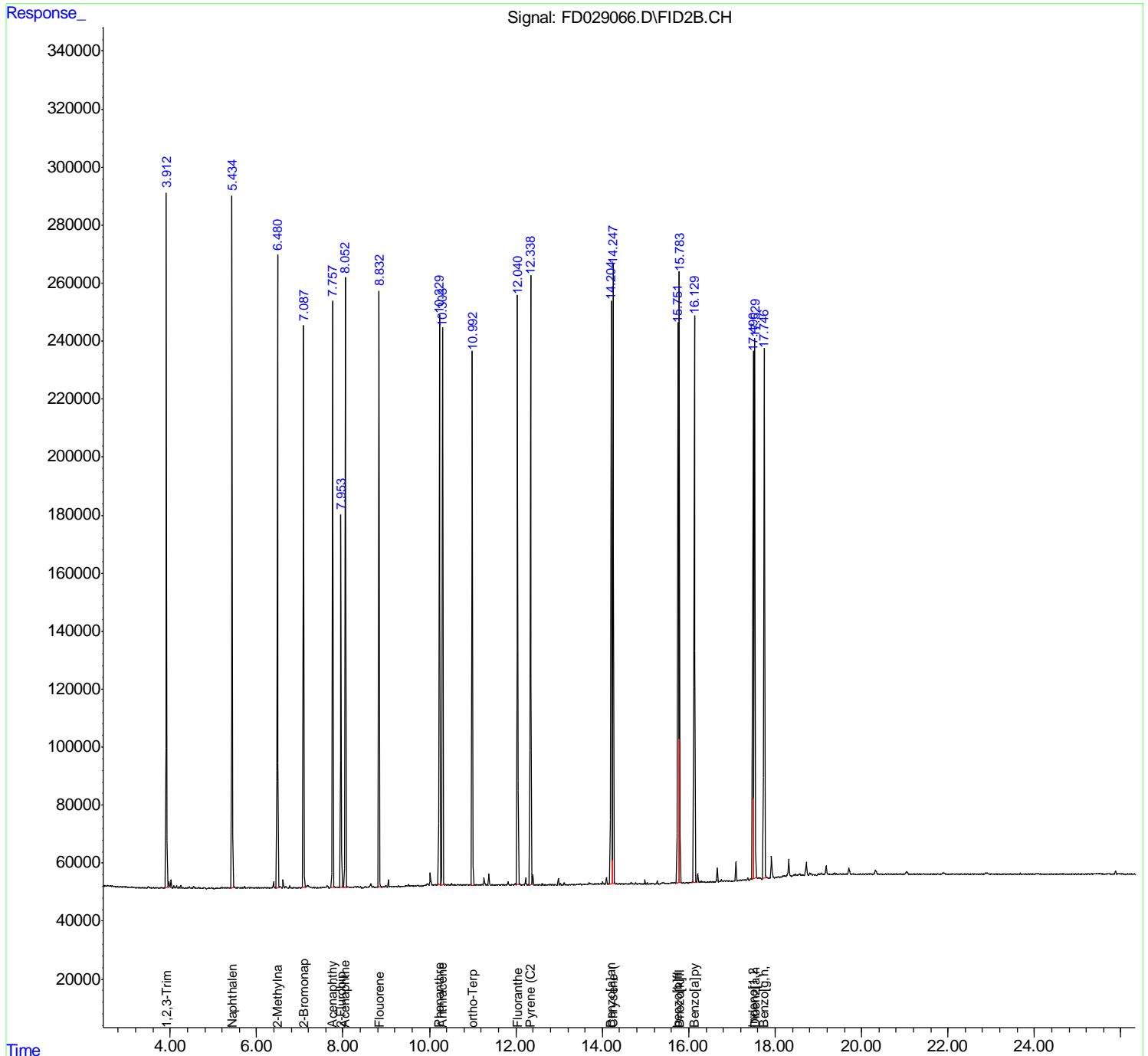
(m)=manual int.

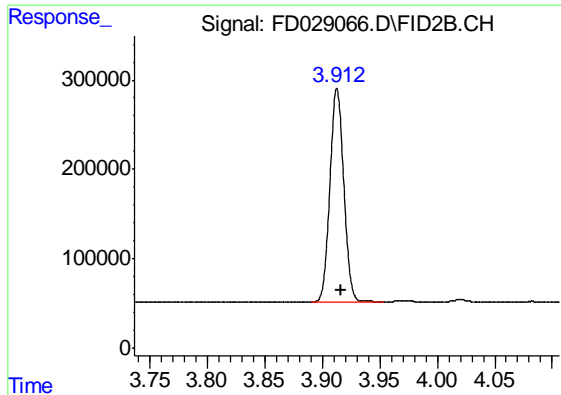
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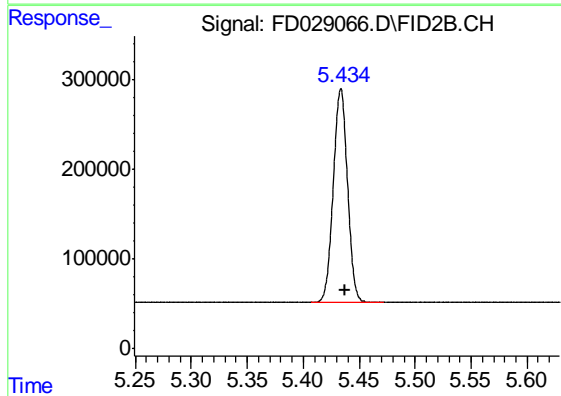




#1 1,2,3-Trimethylbenzene (C10.1)

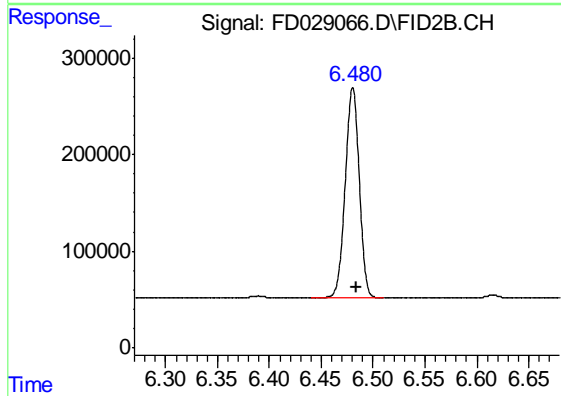
R.T.: 3.913 min
Delta R.T.: -0.003 min
Response: 1996890
Conc: 21.12 ug/ml

Instrument :
FID_D
ClientSampled :



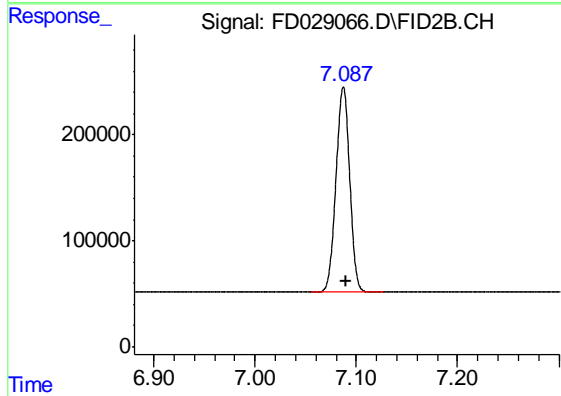
#2 Naphthalene (C11.7)

R.T.: 5.434 min
Delta R.T.: -0.004 min
Response: 2101770
Conc: 19.67 ug/ml



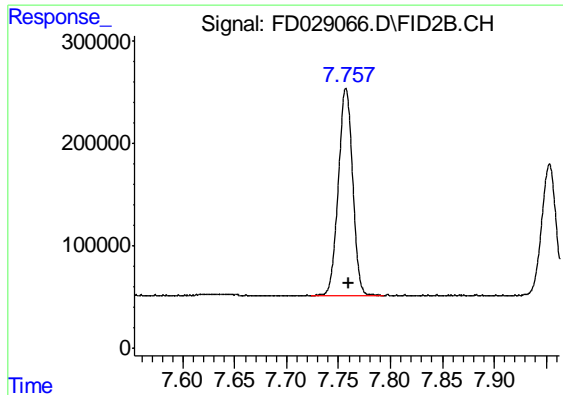
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.480 min
Delta R.T.: -0.003 min
Response: 2051661
Conc: 18.75 ug/ml



#4 2-Bromonaphthalene (SURR)

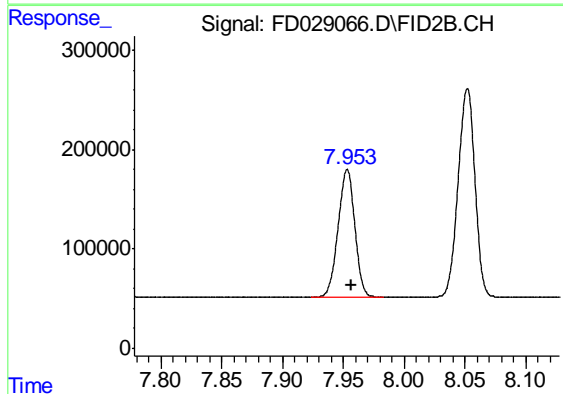
R.T.: 7.087 min
Delta R.T.: -0.003 min
Response: 1823562
Conc: 18.28 ug/ml



#5 Acenaphthylene (C15.06)

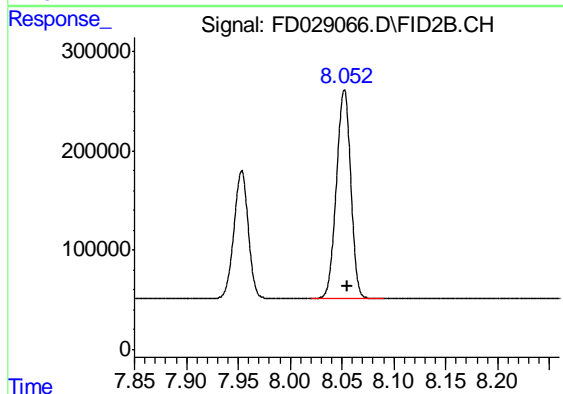
R.T.: 7.757 min
 Delta R.T.: -0.003 min
 Response: 1925757
 Conc: 17.99 ug/ml

Instrument :
 FID_D
 ClientSampled :



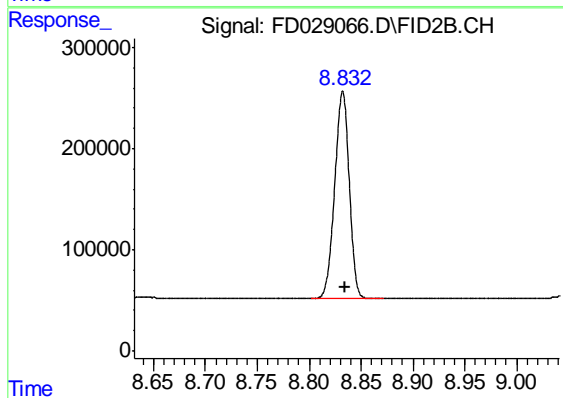
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.953 min
 Delta R.T.: -0.004 min
 Response: 1223594
 Conc: 17.86 ug/ml



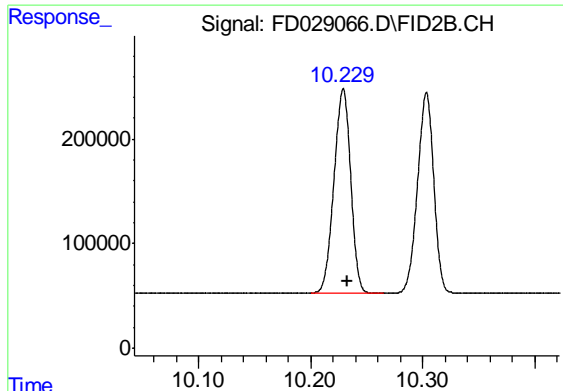
#7 Acenaphthene (C15.5)

R.T.: 8.052 min
 Delta R.T.: -0.003 min
 Response: 2021637
 Conc: 17.99 ug/ml



#8 Fluorene (C16.55)

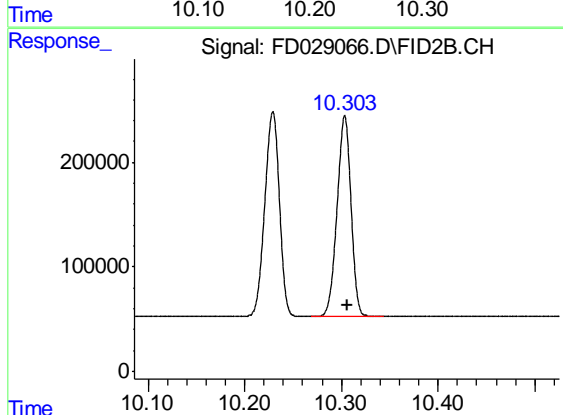
R.T.: 8.832 min
 Delta R.T.: -0.003 min
 Response: 1997300
 Conc: 17.85 ug/ml



#9 Phenanthrene (C19.36)

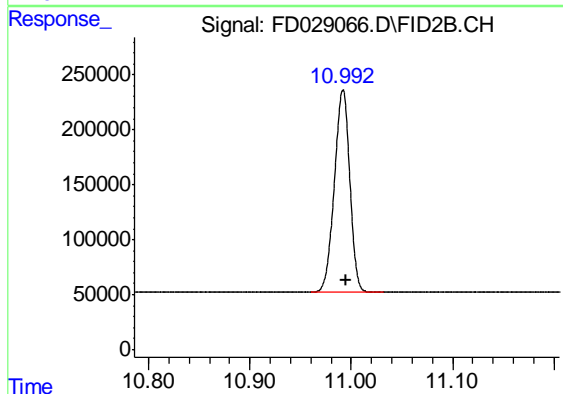
R.T.: 10.229 min
Delta R.T.: -0.003 min
Response: 2027807
Conc: 18.89 ug/ml

Instrument :
FID_D
ClientSampled :



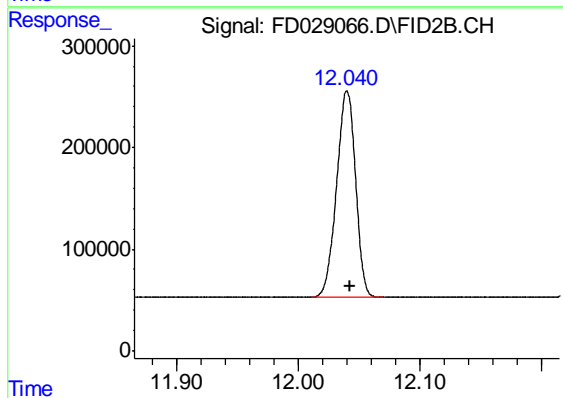
#10 Anthracene (C19.43)

R.T.: 10.304 min
Delta R.T.: -0.003 min
Response: 1939521
Conc: 18.23 ug/ml



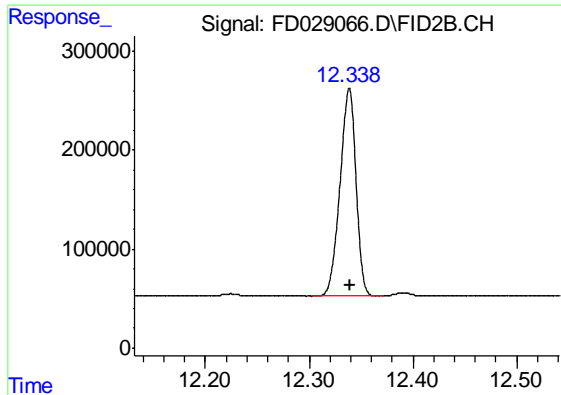
#11 ortho-Terphenyl (SURR)

R.T.: 10.992 min
Delta R.T.: -0.003 min
Response: 1944610
Conc: 18.25 ug/ml



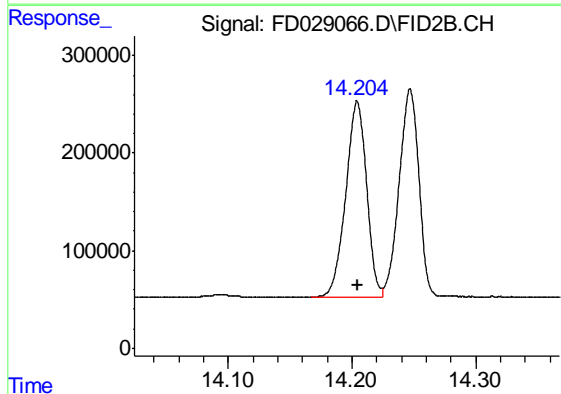
#12 Fluoranthene (C21.85)

R.T.: 12.040 min
Delta R.T.: -0.002 min
Response: 2207127
Conc: 21.97 ug/ml

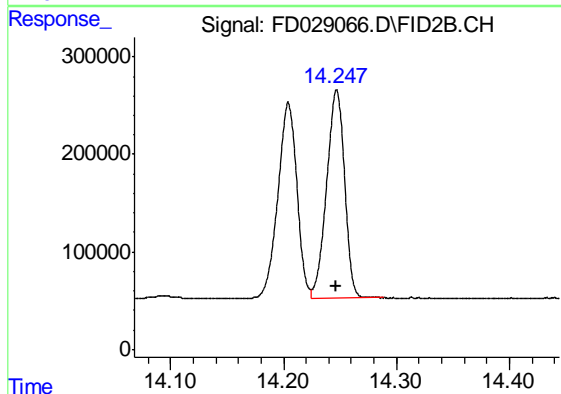


#13 Pyrene (C20.8)
 R.T.: 12.339 min
 Delta R.T.: -0.001 min
 Response: 2250289
 Conc: 22.17 ug/ml

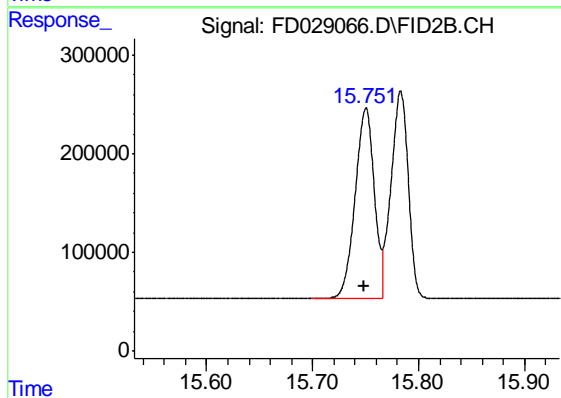
Instrument :
 FID_D
 ClientSampled :



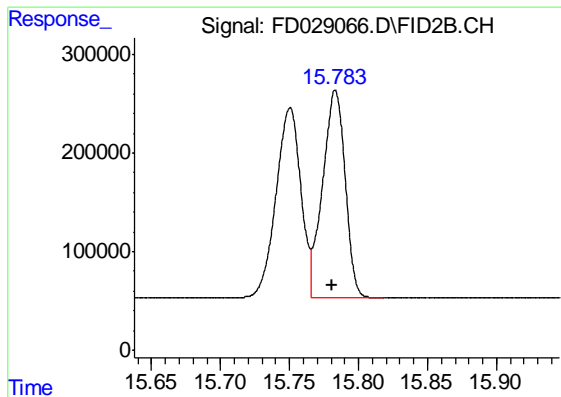
#14 Benzo[a]anthracene (C26.37)
 R.T.: 14.204 min
 Delta R.T.: 0.000 min
 Response: 2334679
 Conc: 23.02 ug/ml



#15 Chrysene (C27.41)
 R.T.: 14.247 min
 Delta R.T.: 0.000 min
 Response: 2351101
 Conc: 23.06 ug/ml



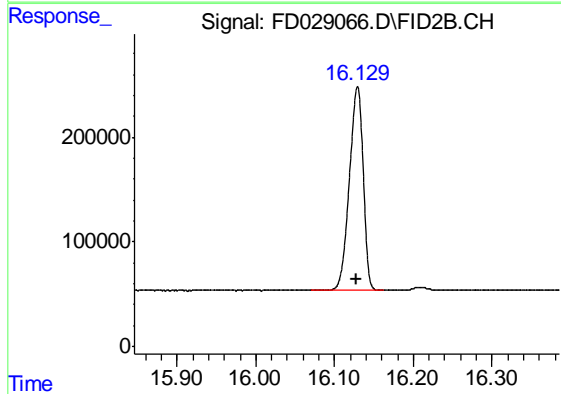
#16 benzo[b]fluoranthene (C30.41)
 R.T.: 15.750 min
 Delta R.T.: 0.001 min
 Response: 2417946
 Conc: 22.54 ug/ml



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

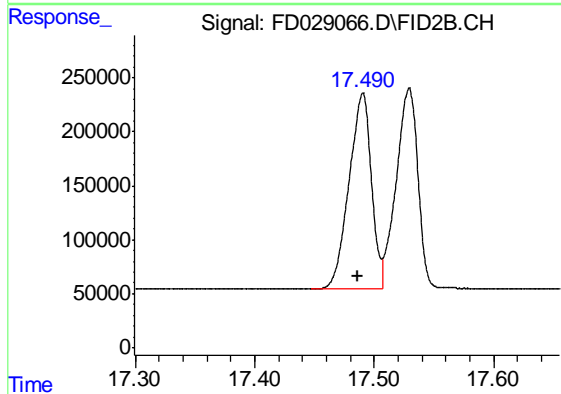
R.T.: 15.783 min
Delta R.T.: 0.002 min
Response: 2388891
Conc: 22.50 ug/ml

Instrument :
FID_D
ClientSampled :



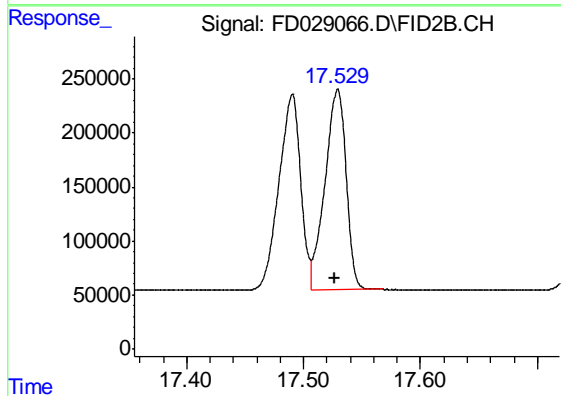
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.129 min
Delta R.T.: 0.002 min
Response: 2383240
Conc: 22.31 ug/ml



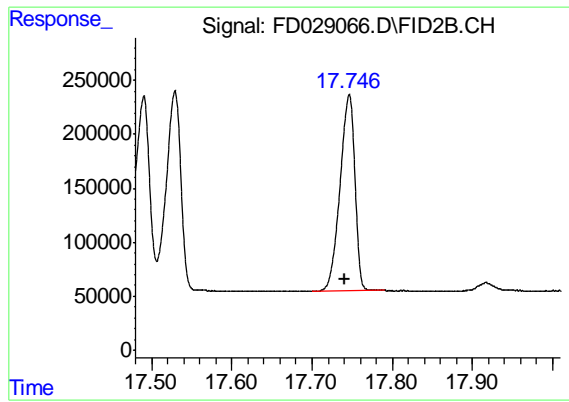
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.490 min
Delta R.T.: 0.004 min
Response: 2347635
Conc: 21.74 ug/ml



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

R.T.: 17.529 min
Delta R.T.: 0.002 min
Response: 2341464
Conc: 22.09 ug/ml



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

R.T.: 17.747 min
Delta R.T.: 0.006 min
Response: 2343905
Conc: 21.89 ug/ml

Instrument :
FID_D
ClientSampleId :