

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042419AR\
 Data File : FD029020.D
 Signal(s) : FID2B.CH
 Acq On : 24 Apr 2019 8:03
 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 03:17:44 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...	7.088	1819150	18.238 ug/ml
Spiked Amount 50.000		Recovery =	36.48%
6) S 2-Fluorobiphenyl (SURR)	7.954	1207750	17.624 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.25%
11) S ortho-Terphenyl (SURR)	10.993	1847185	17.337 ug/ml
Spiked Amount 50.000		Recovery =	34.67%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.913	2015281	21.317 ug/ml
2) T Naphthalene (C11.7)	5.434	2128988	19.922 ug/ml
3) T 2-Methylnaphthalene (...)	6.481	2064397	18.862 ug/ml
5) T Acenaphthylene (C15.06)	7.758	1909855	17.839 ug/ml
7) T Acenaphthene (C15.5)	8.053	1999904	17.793 ug/ml
8) T Fluorene (C16.55)	8.833	1937586	17.313 ug/ml
9) T Phenanthrene (C19.36)	10.231	1937621	18.049 ug/ml
10) T Anthracene (C19.43)	10.305	1885784	17.728 ug/ml
12) T Fluoranthene (C21.85)	12.042	2179205	21.688 ug/ml
13) T Pyrene (C20.8)	12.340	2237165	22.041 ug/ml
14) T Benzo[a]anthracene (C...	14.207	2323450	22.909 ug/ml
15) T Chrysene (C27.41)	14.250	2334144	22.897 ug/ml
16) T benzo[b]fluoranthene ...	15.755	2406005	22.425 ug/ml
17) T Bnezo[k]fluoranthene ...	15.788	2384149	22.453 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.134	2391496	22.390 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.495	2315415	21.438 ug/ml
20) T Dibenz[a,h]anthracene...	17.533	2314262	21.830 ug/ml
21) T Benzo[g,h,i]perylene ...	17.750	2309880	21.577 ug/ml

(f)=RT Delta > 1/2 Window

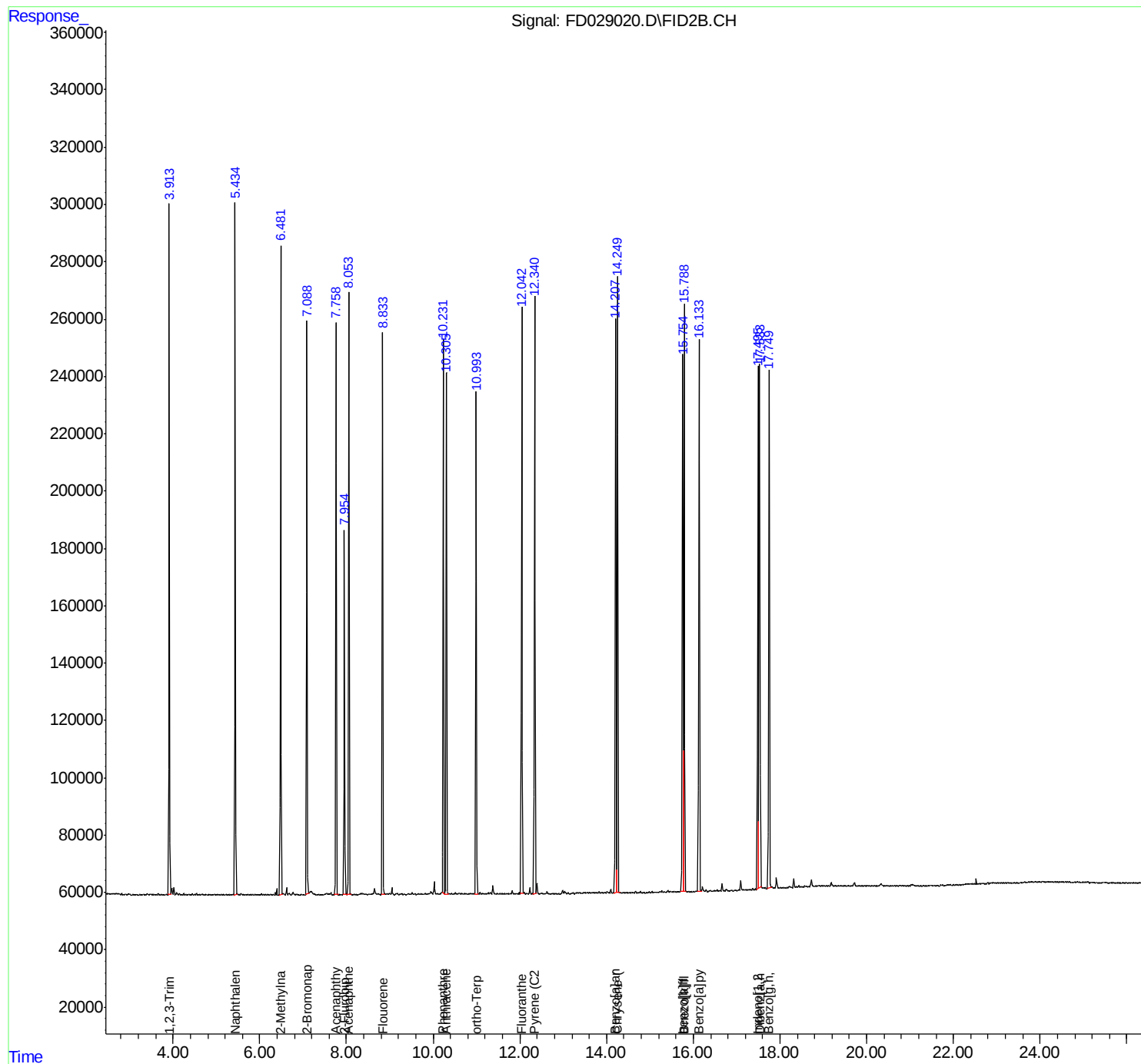
(m)=manual int.

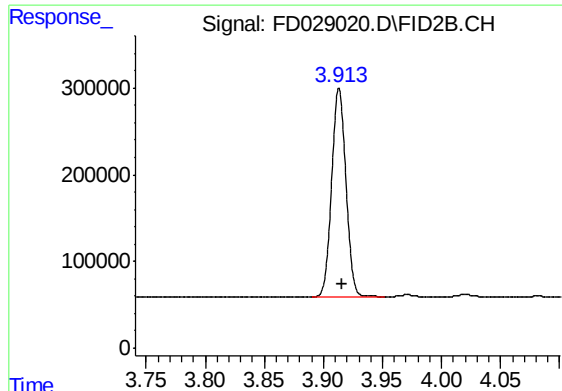
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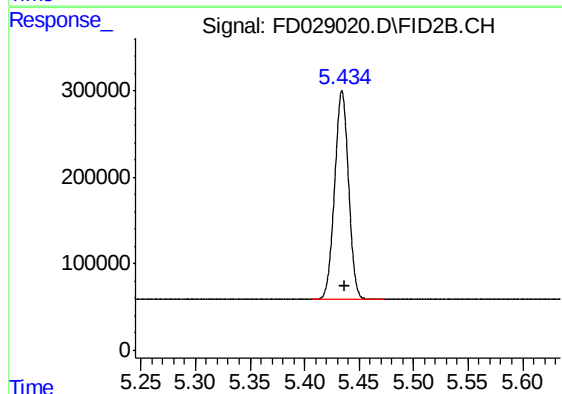




#1 1,2,3-Trimethylbenzene (C10.1)

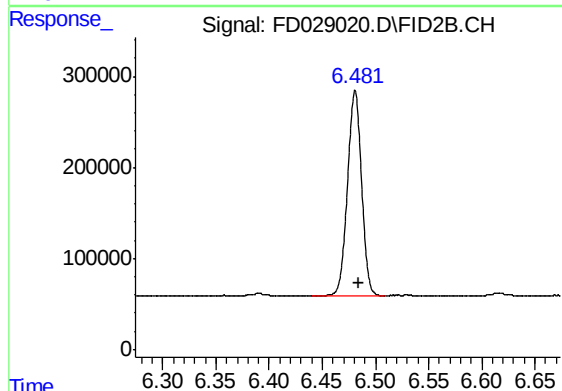
R.T.: 3.913 min
Delta R.T.: -0.003 min
Response: 2015281
Conc: 21.32 ug/ml

Instrument :
FID_D
ClientSampleId :



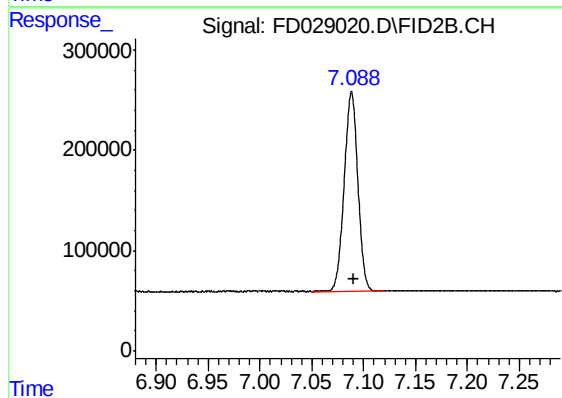
#2 Naphthalene (C11.7)

R.T.: 5.434 min
Delta R.T.: -0.003 min
Response: 2128988
Conc: 19.92 ug/ml



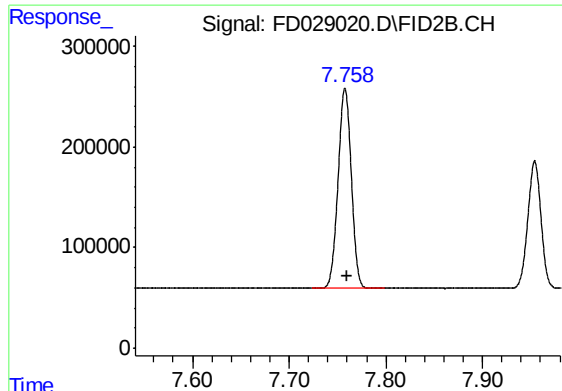
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.481 min
Delta R.T.: -0.003 min
Response: 2064397
Conc: 18.86 ug/ml



#4 2-Bromonaphthalene (SURR)

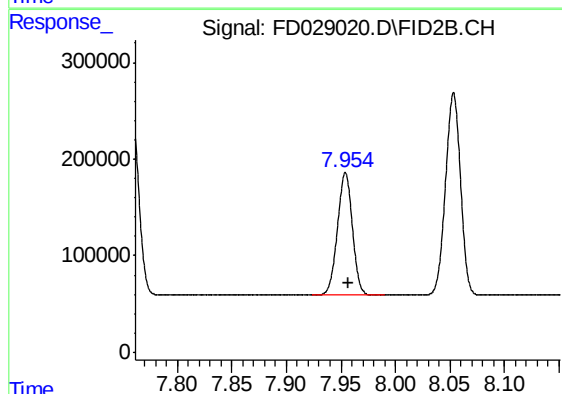
R.T.: 7.088 min
Delta R.T.: -0.002 min
Response: 1819150
Conc: 18.24 ug/ml



#5 Acenaphthylene (C15.06)

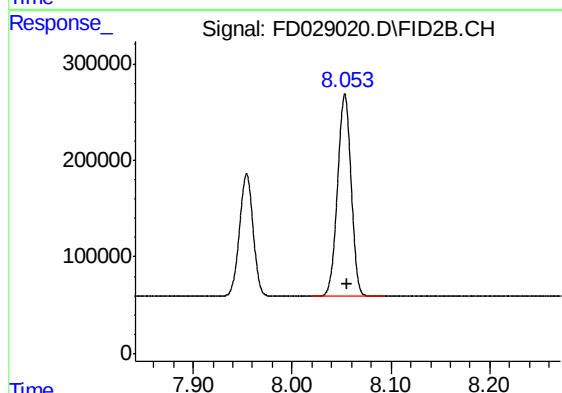
R.T.: 7.758 min
Delta R.T.: -0.002 min
Response: 1909855
Conc: 17.84 ug/ml

Instrument :
FID_D
ClientSampleId :



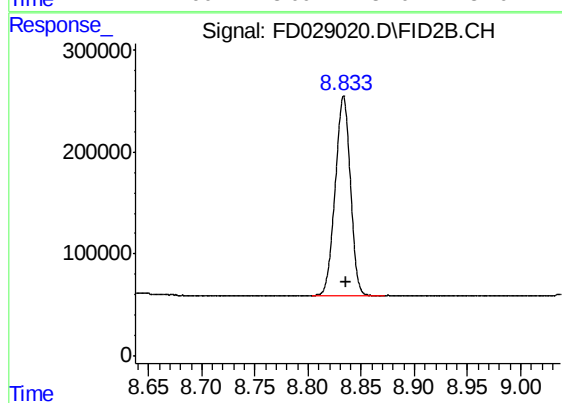
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.954 min
Delta R.T.: -0.003 min
Response: 1207750
Conc: 17.62 ug/ml



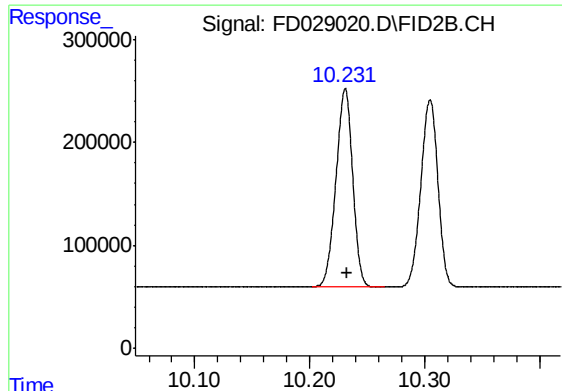
#7 Acenaphthene (C15.5)

R.T.: 8.053 min
Delta R.T.: -0.002 min
Response: 1999904
Conc: 17.79 ug/ml



#8 Flouorene (C16.55)

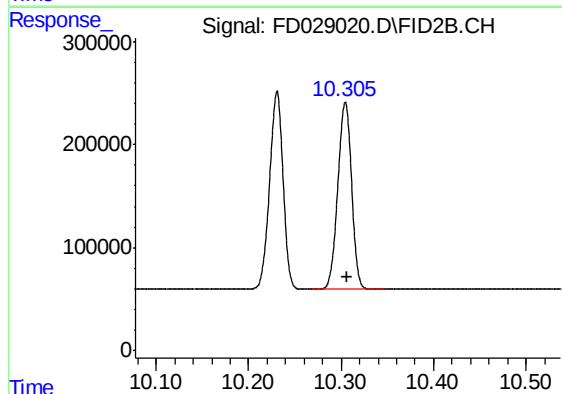
R.T.: 8.833 min
Delta R.T.: -0.002 min
Response: 1937586
Conc: 17.31 ug/ml



#9 Phenanthrene (C19.36)

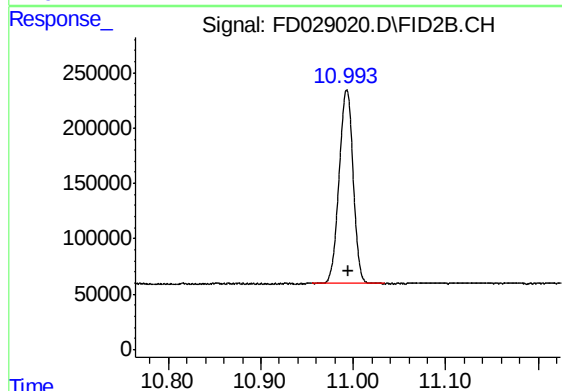
R.T.: 10.231 min
Delta R.T.: -0.001 min
Response: 1937621
Conc: 18.05 ug/ml

Instrument :
FID_D
ClientSampleId :



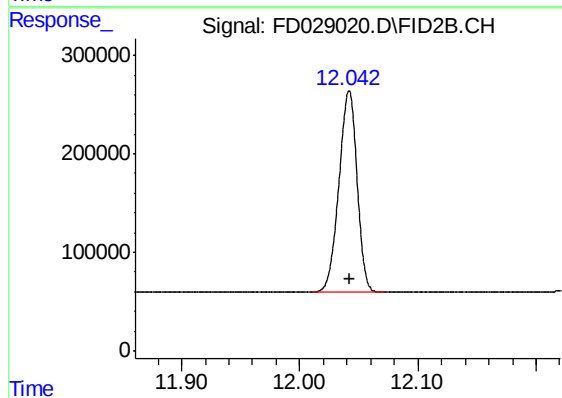
#10 Anthracene (C19.43)

R.T.: 10.305 min
Delta R.T.: -0.001 min
Response: 1885784
Conc: 17.73 ug/ml



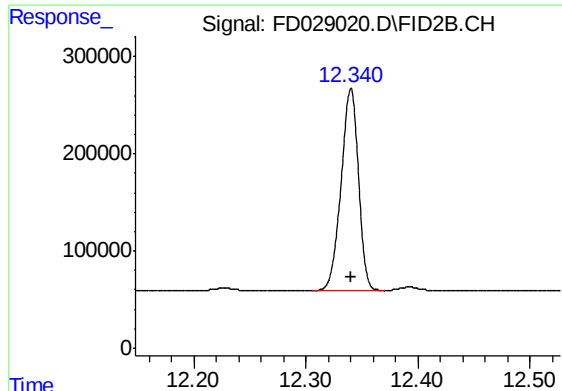
#11 ortho-Terphenyl (SURR)

R.T.: 10.993 min
Delta R.T.: -0.002 min
Response: 1847185
Conc: 17.34 ug/ml



#12 Fluoranthene (C21.85)

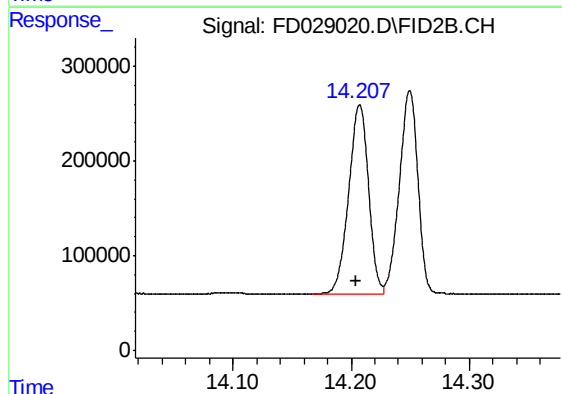
R.T.: 12.042 min
Delta R.T.: 0.000 min
Response: 2179205
Conc: 21.69 ug/ml



#13 Pyrene (C20.8)

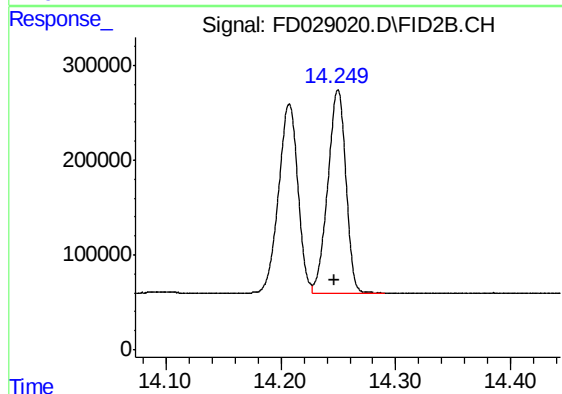
R.T.: 12.340 min
Delta R.T.: 0.000 min
Response: 2237165
Conc: 22.04 ug/ml

Instrument :
FID_D
ClientSampleId :



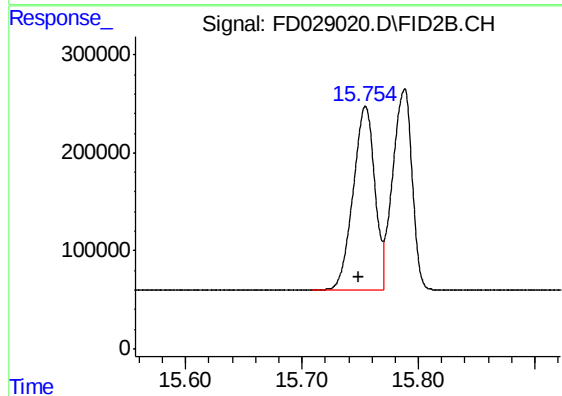
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.207 min
Delta R.T.: 0.003 min
Response: 2323450
Conc: 22.91 ug/ml



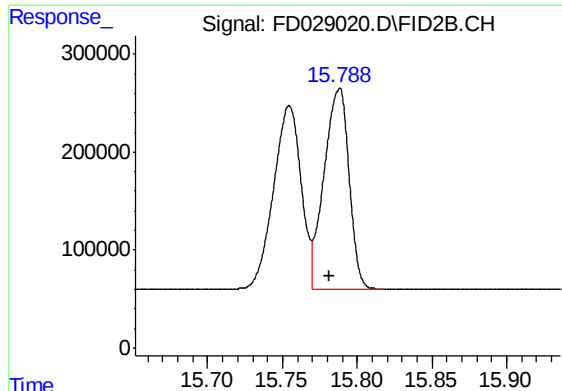
#15 Chrysene (C27.41)

R.T.: 14.250 min
Delta R.T.: 0.003 min
Response: 2334144
Conc: 22.90 ug/ml



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

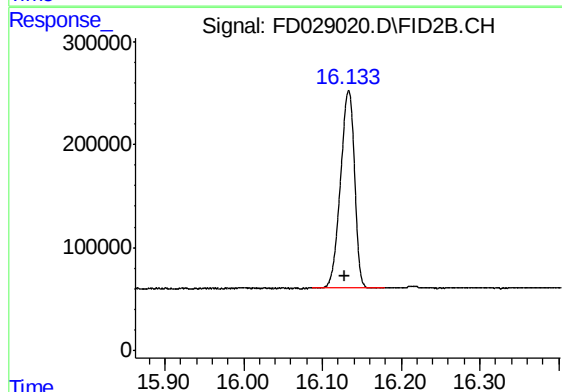
R.T.: 15.755 min
Delta R.T.: 0.005 min
Response: 2406005
Conc: 22.42 ug/ml



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

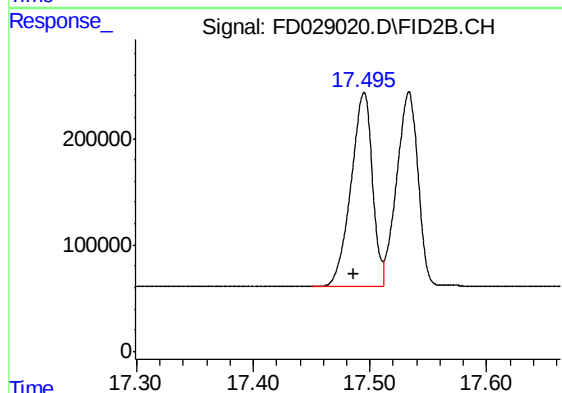
R.T.: 15.788 min
Delta R.T.: 0.007 min
Response: 2384149
Conc: 22.45 ug/ml

Instrument :
FID_D
ClientSampleId :



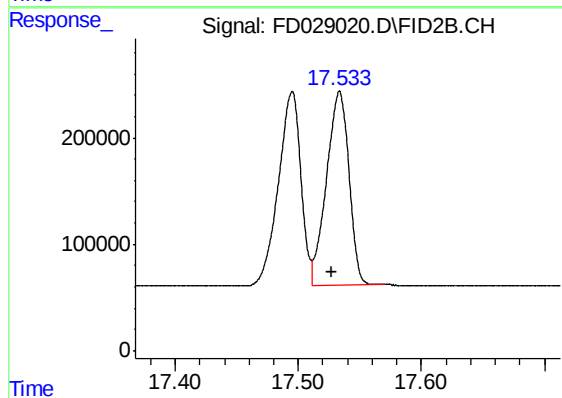
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.134 min
Delta R.T.: 0.006 min
Response: 2391496
Conc: 22.39 ug/ml



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

R.T.: 17.495 min
Delta R.T.: 0.009 min
Response: 2315415
Conc: 21.44 ug/ml



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

R.T.: 17.533 min
Delta R.T.: 0.007 min
Response: 2314262
Conc: 21.83 ug/ml