

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122618AR\
 Data File : FD027038.D
 Signal(s) : FID2B.CH
 Acq On : 26 Dec 2018 9:26
 Operator : AJ\SJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: sample.E
 Quant Time: Dec 26 10:01:09 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 120718.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 08 06:21:56 2018
 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...	7.372	1564926	19.002 ug/ml
Spiked Amount 50.000		Recovery =	38.00%
6) S 2-Fluorobiphenyl (SURR)	8.223	1066155	18.869 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	37.74%
11) S ortho-Terphenyl (SURR)	11.265	1813943	19.140 ug/ml
Spiked Amount 50.000		Recovery =	38.28%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.177	1690870	19.151 ug/ml
2) T Naphthalene (C11.7)	5.708	1814899	19.067 ug/ml
3) T 2-Methylnaphthalene (...)	6.759	1785891	18.986 ug/ml
5) T Acenaphthylene (C15.06)	8.027	1723074	18.890 ug/ml
7) T Acenaphthene (C15.5)	8.322	1802568	18.870 ug/ml
8) T Fluorene (C16.55)	9.100	1780865	18.770 ug/ml
9) T Phenanthrene (C19.36)	10.489	1804442	18.948 ug/ml
10) T Anthracene (C19.43)	10.563	1791190	18.958 ug/ml
12) T Fluoranthene (C21.85)	12.293	1898158	19.682 ug/ml
13) T Pyrene (C20.8)	12.588	1913875	19.797 ug/ml
14) T Benzo[a]anthracene (C...	14.457	1860946	19.754 ug/ml
15) T Chrysene (C27.41)	14.499	1887066	19.952 ug/ml
16) T benzo[b]fluoranthene ...	16.003	1945695	19.540 ug/ml
17) T Bnezo[k]fluoranthene ...	16.036	1937066	19.552 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.378	1916991	19.133 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.741	1797064	16.911 ug/ml
20) T Dibenz[a,h]anthracene...	17.783	1748964	17.343 ug/ml
21) T Benzo[g,h,i]perylene ...	17.993	1871099	17.815 ug/ml

(f)=RT Delta > 1/2 Window

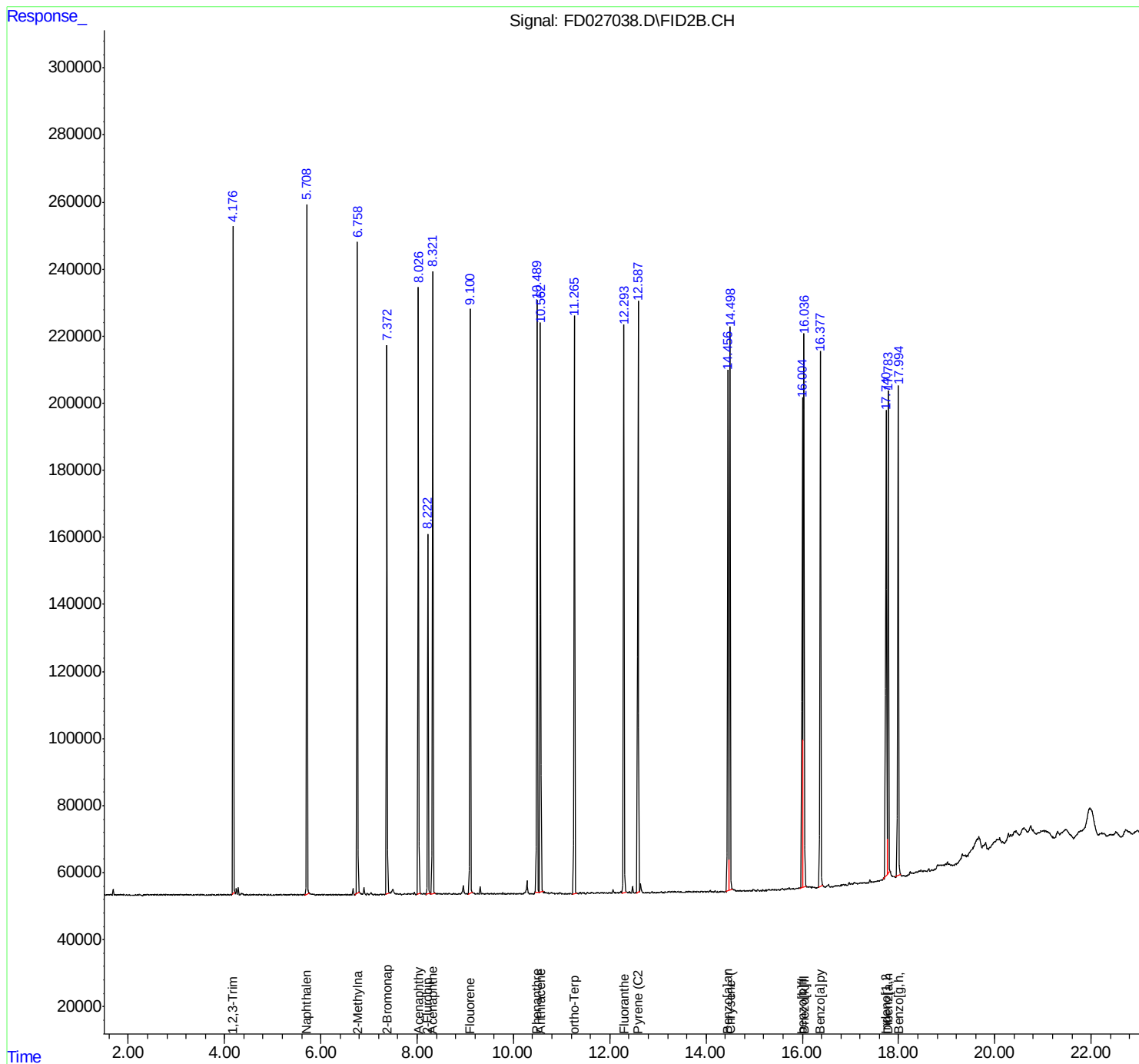
(m)=manual int.

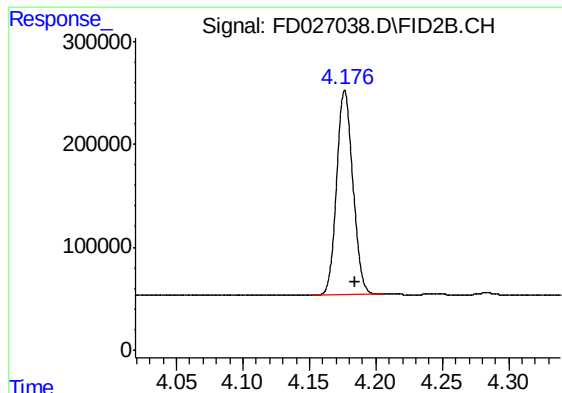
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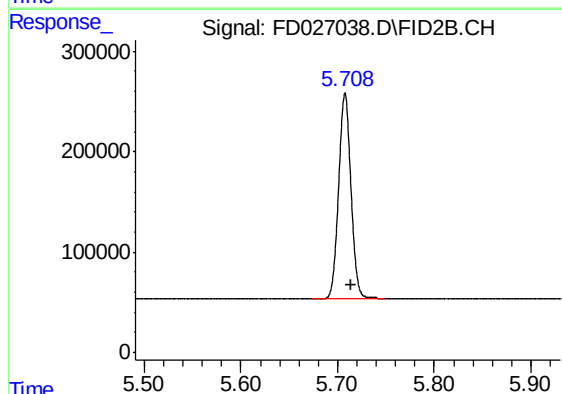




#1 1,2,3-Trimethylbenzene (C10.1)

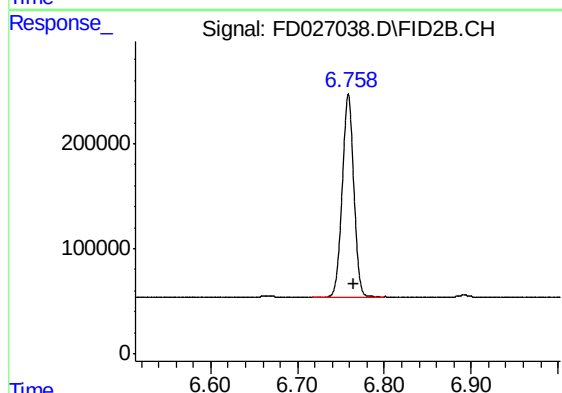
R.T.: 4.177 min
Delta R.T.: -0.007 min
Response: 1690870
Conc: 19.15 ug/ml

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FID_D
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20 PPM AROMATIC HC STD



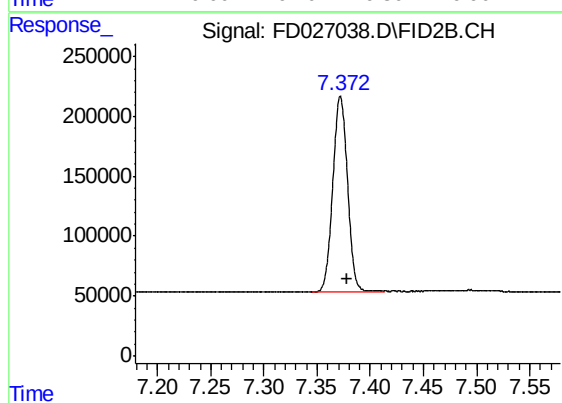
#2 Naphthalene (C11.7)

R.T.: 5.708 min
Delta R.T.: -0.006 min
Response: 1814899
Conc: 19.07 ug/ml



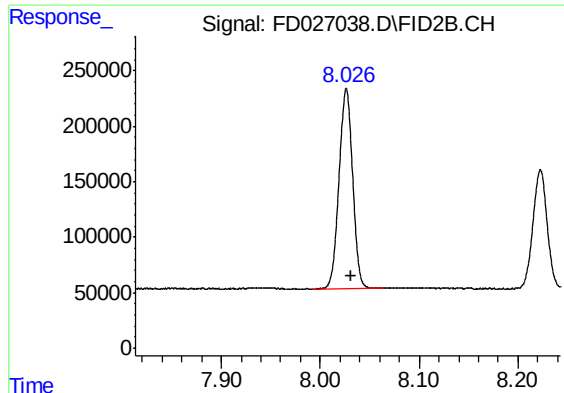
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.759 min
Delta R.T.: -0.005 min
Response: 1785891
Conc: 18.99 ug/ml



#4 2-Bromonaphthalene (SURR)

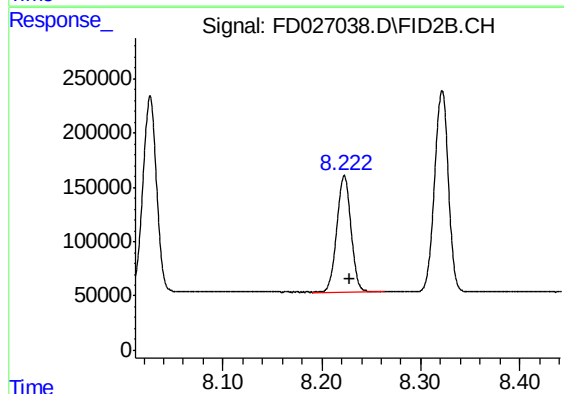
R.T.: 7.372 min
Delta R.T.: -0.007 min
Response: 1564926
Conc: 19.00 ug/ml



#5 Acenaphthylene (C15.06)

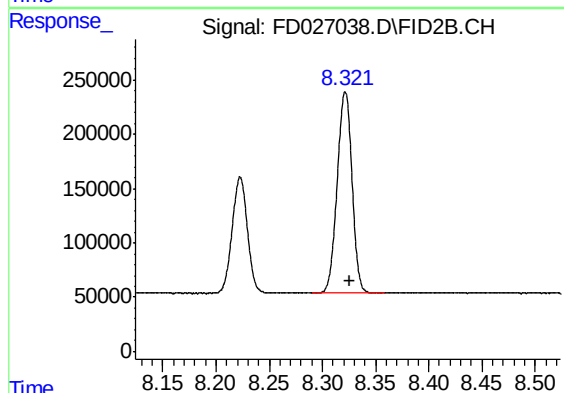
R.T.: 8.027 min
Delta R.T.: -0.005 min
Response: 1723074
Conc: 18.89 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



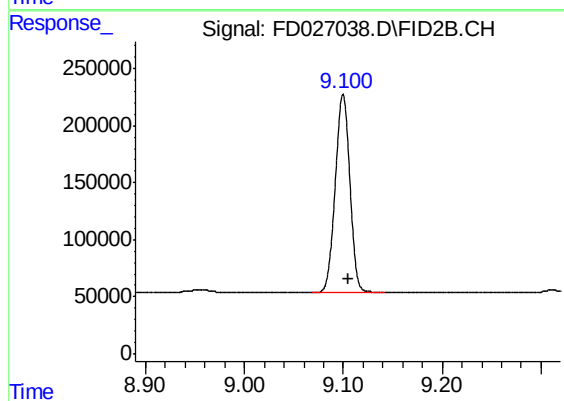
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.223 min
Delta R.T.: -0.005 min
Response: 1066155
Conc: 18.87 ug/ml



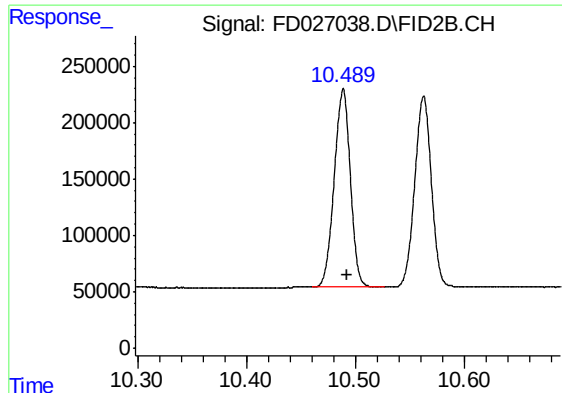
#7 Acenaphthene (C15.5)

R.T.: 8.322 min
Delta R.T.: -0.004 min
Response: 1802568
Conc: 18.87 ug/ml



#8 Flouorene (C16.55)

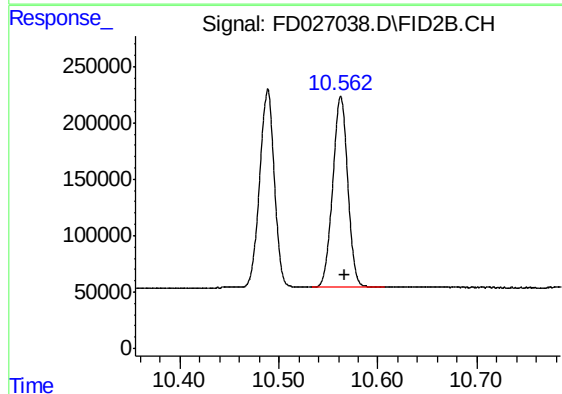
R.T.: 9.100 min
Delta R.T.: -0.005 min
Response: 1780865
Conc: 18.77 ug/ml



#9 Phenanthrene (C19.36)

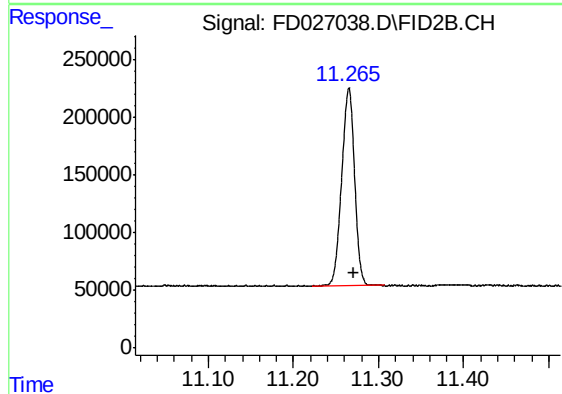
R.T.: 10.489 min
Delta R.T.: -0.004 min
Response: 1804442
Conc: 18.95 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



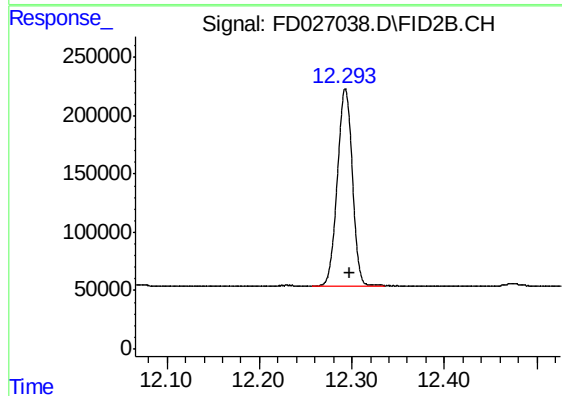
#10 Anthracene (C19.43)

R.T.: 10.563 min
Delta R.T.: -0.004 min
Response: 1791190
Conc: 18.96 ug/ml



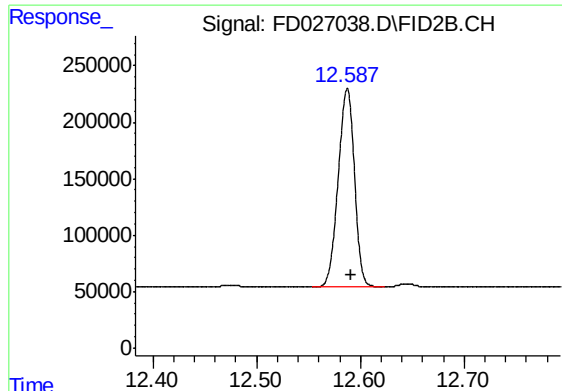
#11 ortho-Terphenyl (SURR)

R.T.: 11.265 min
Delta R.T.: -0.005 min
Response: 1813943
Conc: 19.14 ug/ml



#12 Fluoranthene (C21.85)

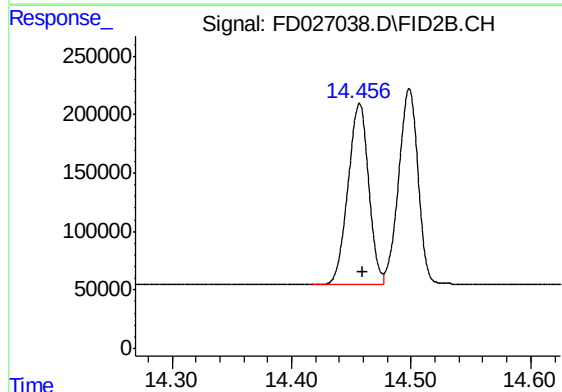
R.T.: 12.293 min
Delta R.T.: -0.005 min
Response: 1898158
Conc: 19.68 ug/ml



#13 Pyrene (C20.8)

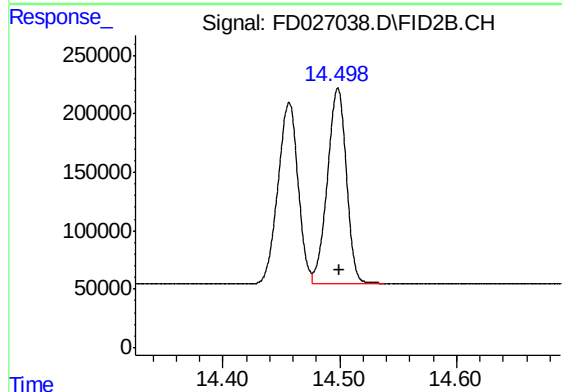
R.T.: 12.588 min
Delta R.T.: -0.003 min
Response: 1913875
Conc: 19.80 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



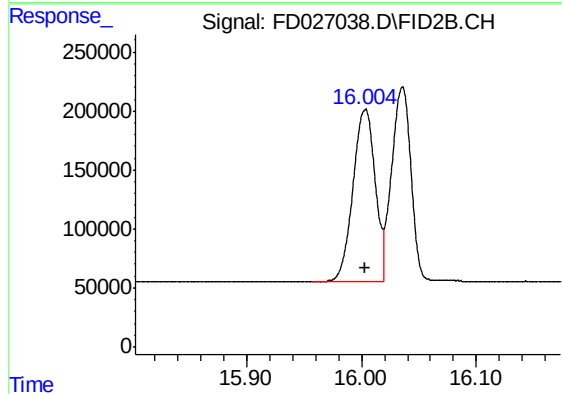
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.457 min
Delta R.T.: -0.002 min
Response: 1860946
Conc: 19.75 ug/ml



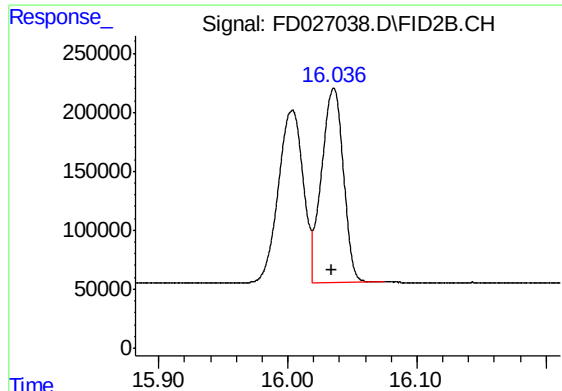
#15 Chrysene (C27.41)

R.T.: 14.499 min
Delta R.T.: -0.001 min
Response: 1887066
Conc: 19.95 ug/ml



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

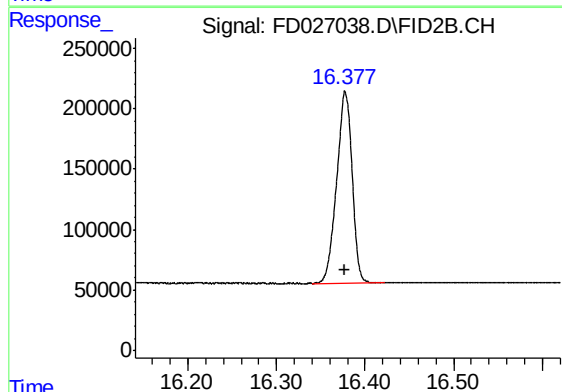
R.T.: 16.003 min
Delta R.T.: 0.000 min
Response: 1945695
Conc: 19.54 ug/ml



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

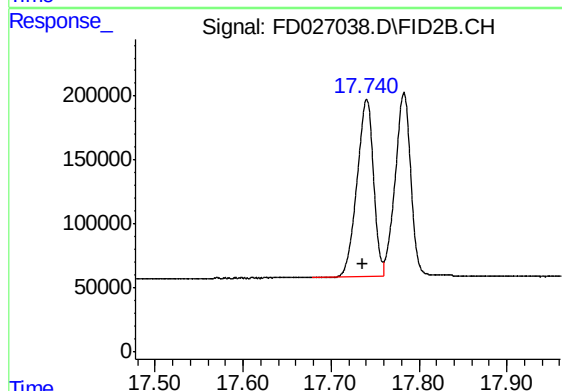
R.T.: 16.036 min
Delta R.T.: 0.002 min
Response: 1937066
Conc: 19.55 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



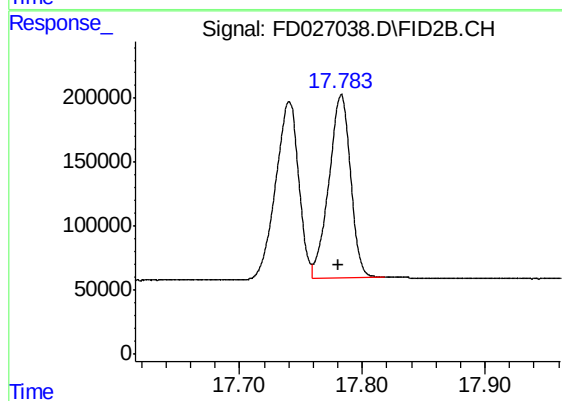
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.378 min
Delta R.T.: 0.000 min
Response: 1916991
Conc: 19.13 ug/ml



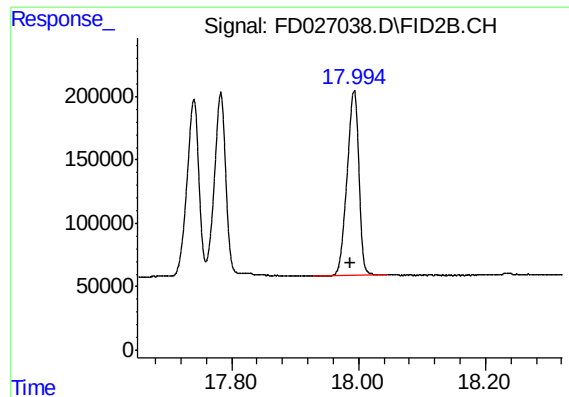
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.741 min
Delta R.T.: 0.004 min
Response: 1797064
Conc: 16.91 ug/ml



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

R.T.: 17.783 min
Delta R.T.: 0.003 min
Response: 1748964
Conc: 17.34 ug/ml



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

R.T.: 17.993 min
Delta R.T.: 0.006 min
Response: 1871099
Conc: 17.82 ug/ml

Instrument :
FID_D
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