Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110818AR\
Data File : FD026438.D
Signal(s) : FID2B.CH
Acq On : 08 Nov 2018 19:36
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: Nov 09 08:33:11 2018
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110818.M
Quant Title : GC Extractables
QLast Update : Thu Nov 08 18:15:51 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...	7.396	1530502	20.157 ug/ml
Spiked Amount	50.000		Recovery =	40.31%
6) S	2-Flurobiphenyl (SURR)	8.247	1051244	20.104 ug/ml
Spiked Amount	50.000 Range	0 - 131	Recovery =	40.21%
11) S	ortho-Terphenyl (SURR)	11.290	1662464	19.614 ug/ml
Spiked Amount	50.000		Recovery =	39.23%
	Target Compounds			
1) T	1,2,3-Trimethylbenzen...	4.199	1581753	19.816 ug/ml
2) T	Naphthalene (C11.7)	5.731	1752328	19.967 ug/ml
3) T	2-Methylnaphthalene (...	6.782	1742094	20.100 ug/ml
5) T	Acenaphthylene (C15.06)	8.051	1709600	20.170 ug/ml
7) T	Acenaphthene (C15.5)	8.346	1782955	20.166 ug/ml
8) T	Flouorene (C16.55)	9.125	1764262	20.019 ug/ml
9) T	Phenanthrene (C19.36)	10.513	1725060	19.650 ug/ml
10) T	Anthracene (C19.43)	10.588	1725406	19.707 ug/ml
12) T	Fluoranthene (C21.85)	12.318	1699177	19.510 ug/ml
13) T	Pyrene (C20.8)	12.612	1705212	19.674 ug/ml
14) T	Benzo[a]anthracene (C...	14.480	1682760	19.789 ug/ml
15) T	Chrysene (C27.41)	14.521	1692955	19.755 ug/ml
16) T	benzo[b]fluoranthene ...	16.026	1835008	19.712 ug/ml
17) T	Bnezo[k]fluoranthene ...	16.058	1836266	19.830 ug/ml
18) T	Benzo[a]pyrene (C31.34)	16.401	1859835	19.705 ug/ml
19) T	Indeno[1,2,3-cd]pyren...	17.762	1932763	20.127 ug/ml
20) T	Dibenz[a,h]anthracene...	17.806	1863835	19.856 ug/ml
21) T	Benzo[g,h,i]perylene ...	18.016	1927820	19.609 ug/ml

(f)=RT Delta > 1/2 Window (m)=manual int.

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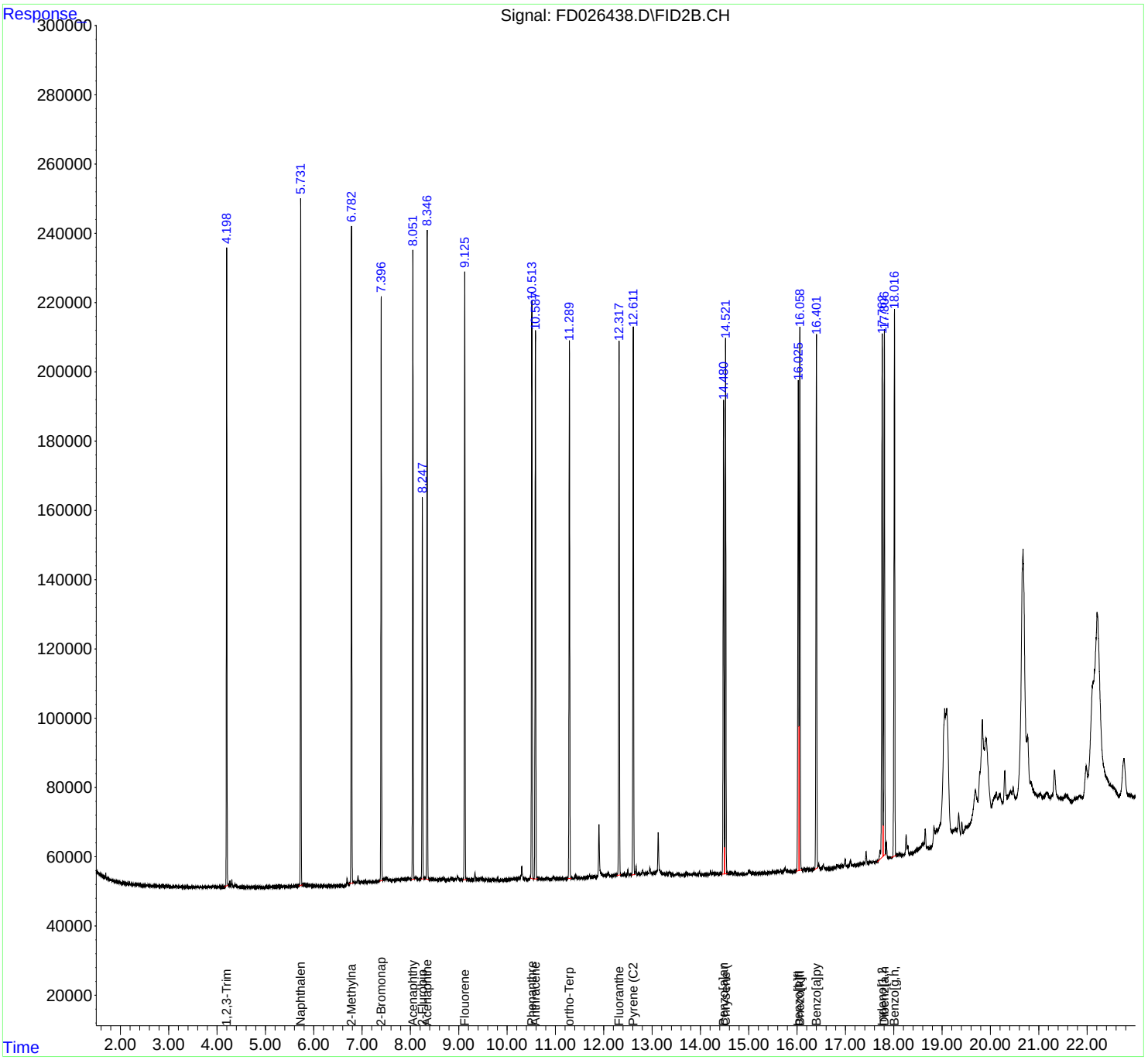
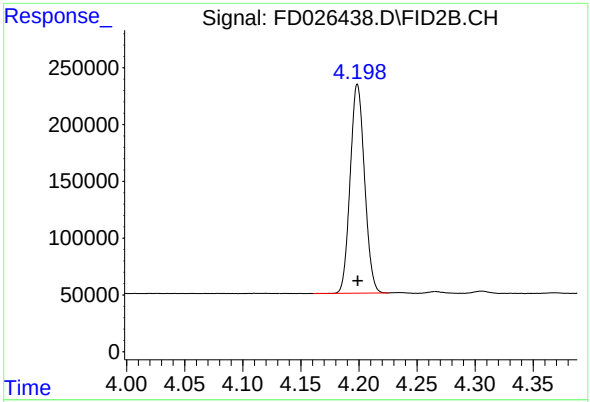
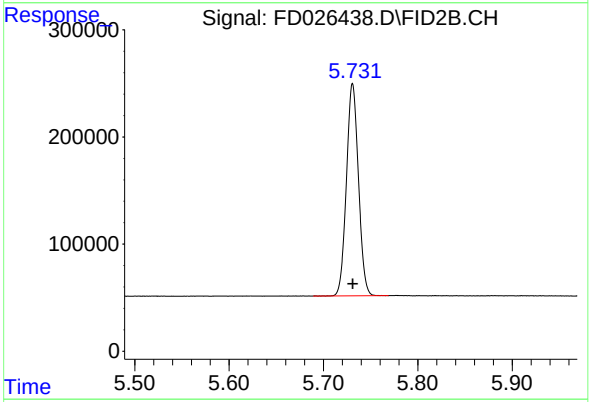




#1 1,2,3-Trimethylbenzene (C10.1)

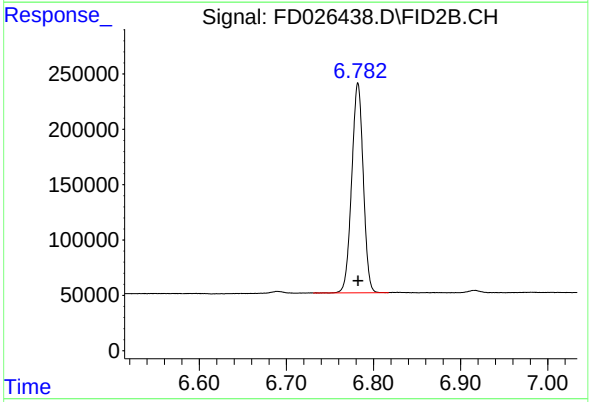
R.T.: 4.199 min
Delta R.T.: 0.000 min
Response: 1581753
Conc: 19.82 ug/ml

Instrument :
FID_D
ClientSampleId :



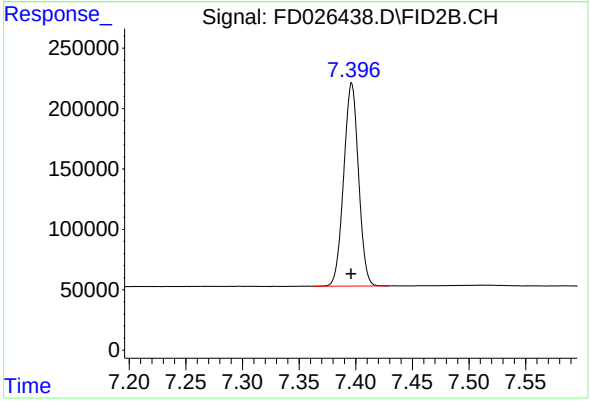
#2 Naphthalene (C11.7)

R.T.: 5.731 min
Delta R.T.: 0.000 min
Response: 1752328
Conc: 19.97 ug/ml



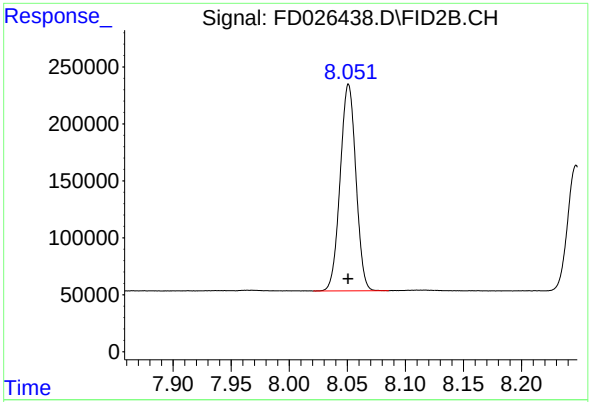
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.782 min
Delta R.T.: 0.000 min
Response: 1742094
Conc: 20.10 ug/ml



#4 2-Bromonaphthalene (SURR)

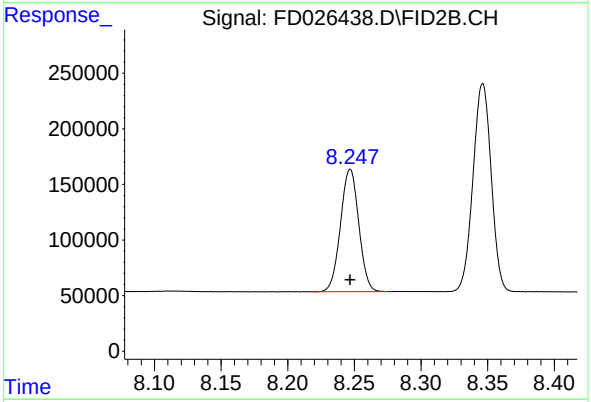
R.T.: 7.396 min
Delta R.T.: 0.000 min
Response: 1530502
Conc: 20.16 ug/ml



#5 Acenaphthylene (C15.06)

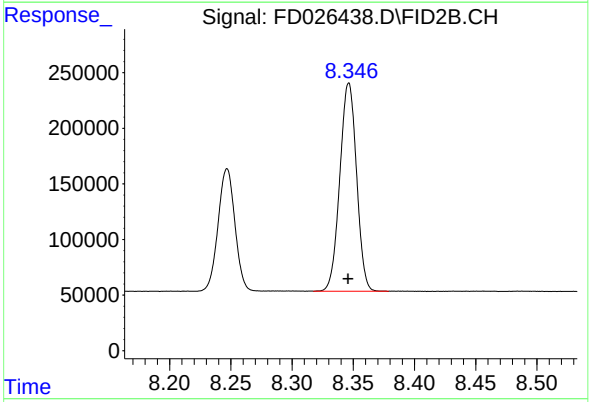
R.T.: 8.051 min
Delta R.T.: 0.000 min
Response: 1709600
Conc: 20.17 ug/ml

Instrument :
FID_D
ClientSampleId :



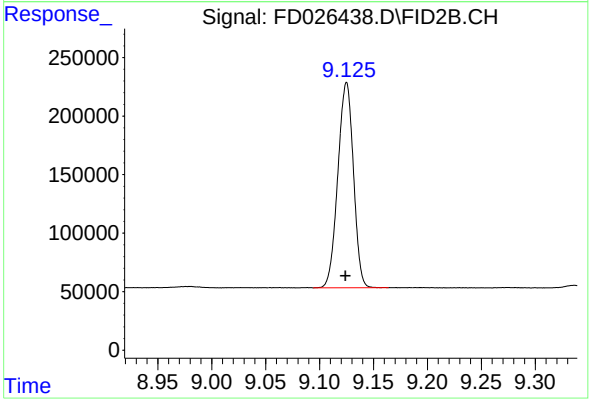
#6 2-Flurobiphenyl (SURR)

R.T.: 8.247 min
Delta R.T.: 0.000 min
Response: 1051244
Conc: 20.10 ug/ml



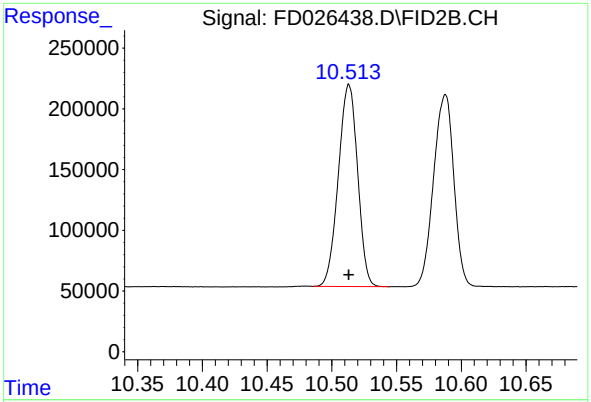
#7 Acenaphthene (C15.5)

R.T.: 8.346 min
Delta R.T.: 0.000 min
Response: 1782955
Conc: 20.17 ug/ml



#8 Flouorene (C16.55)

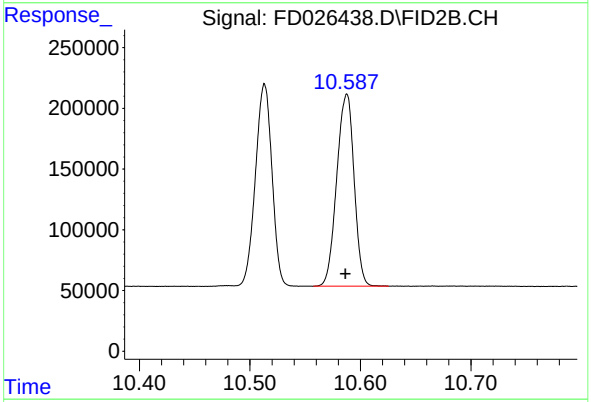
R.T.: 9.125 min
Delta R.T.: 0.001 min
Response: 1764262
Conc: 20.02 ug/ml



#9 Phenanthrene (C19.36)

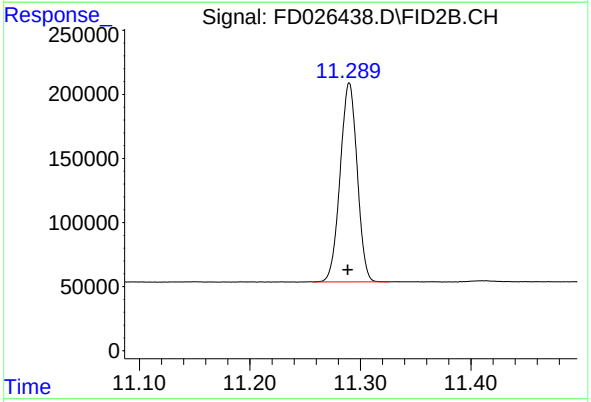
R.T.: 10.513 min
Delta R.T.: 0.000 min
Response: 1725060
Conc: 19.65 ug/ml

Instrument :
FID_D
ClientSampleId :



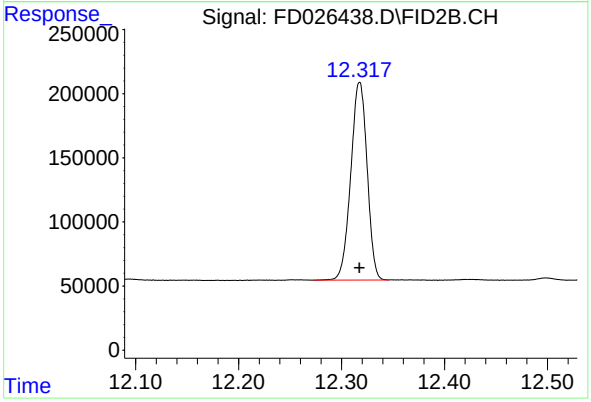
#10 Anthracene (C19.43)

R.T.: 10.588 min
Delta R.T.: 0.001 min
Response: 1725406
Conc: 19.71 ug/ml



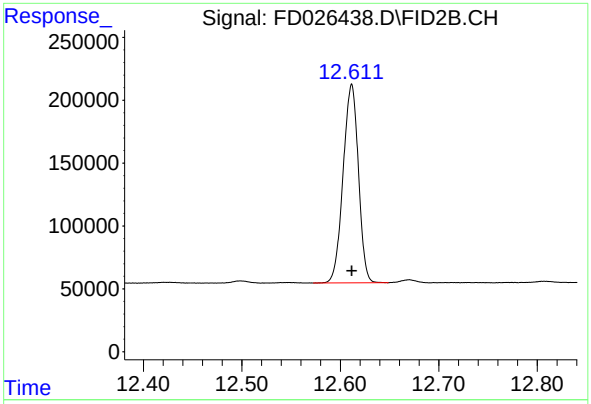
#11 ortho-Terphenyl (SURR)

R.T.: 11.290 min
Delta R.T.: 0.002 min
Response: 1662464
Conc: 19.61 ug/ml



#12 Fluoranthene (C21.85)

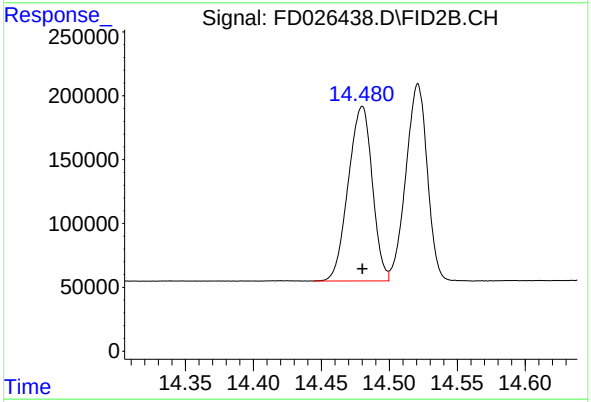
R.T.: 12.318 min
Delta R.T.: 0.000 min
Response: 1699177
Conc: 19.51 ug/ml



#13 Pyrene (C20.8)

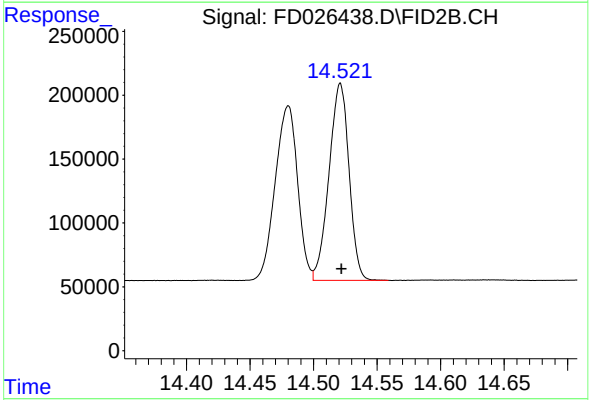
R.T.: 12.612 min
Delta R.T.: 0.000 min
Response: 1705212
Conc: 19.67 ug/ml

Instrument :
FID_D
ClientSampleId :



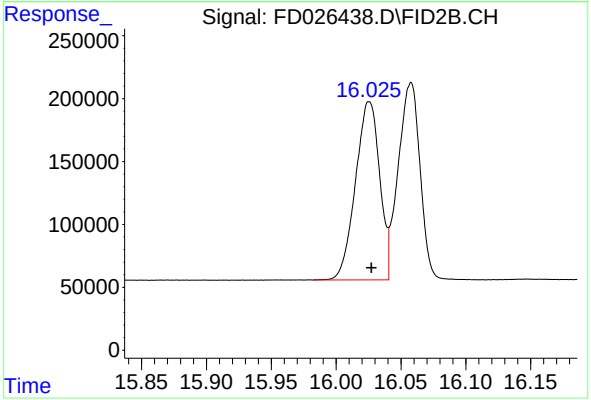
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.480 min
Delta R.T.: 0.000 min
Response: 1682760
Conc: 19.79 ug/ml



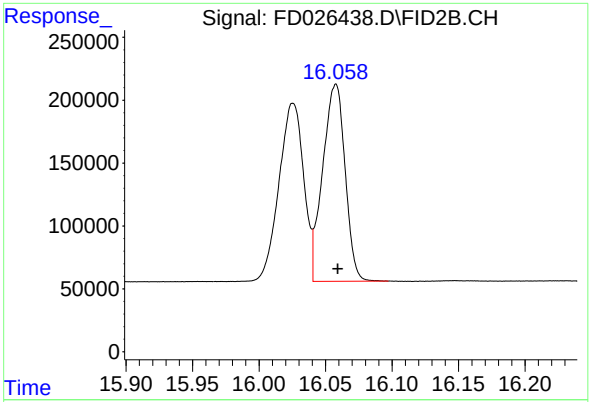
#15 Chrysene (C27.41)

R.T.: 14.521 min
Delta R.T.: 0.000 min
Response: 1692955
Conc: 19.76 ug/ml



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

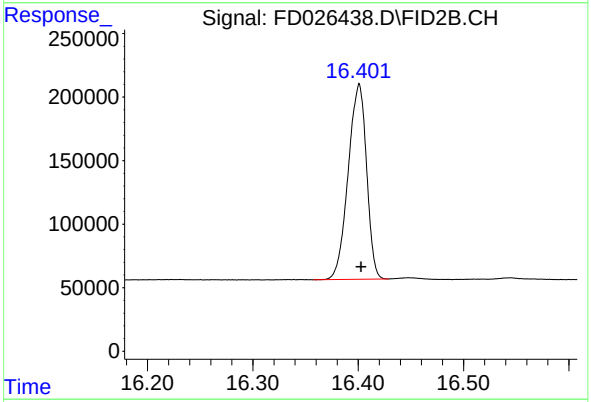
R.T.: 16.026 min
Delta R.T.: -0.002 min
Response: 1835008
Conc: 19.71 ug/ml



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

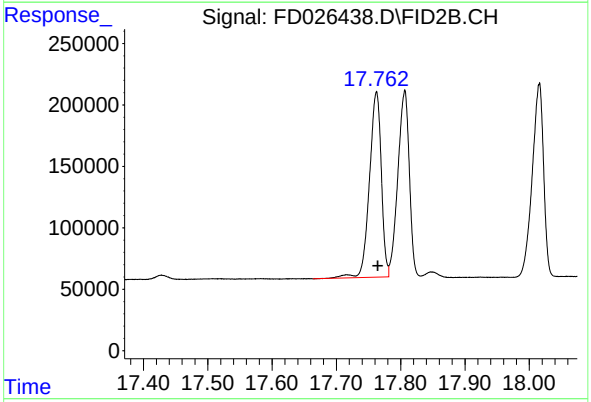
R.T.: 16.058 min
Delta R.T.: -0.001 min
Response: 1836266
Conc: 19.83 ug/ml

Instrument :
FID_D
ClientSampleId :



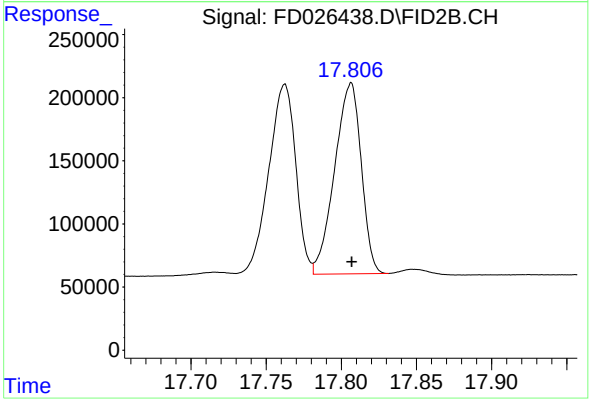
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.401 min
Delta R.T.: -0.002 min
Response: 1859835
Conc: 19.70 ug/ml



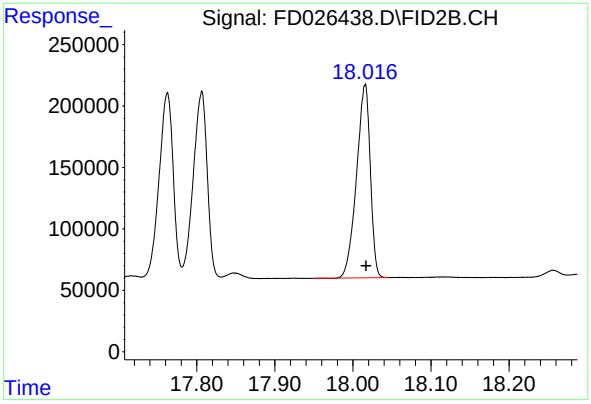
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.762 min
Delta R.T.: -0.002 min
Response: 1932763
Conc: 20.13 ug/ml



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

R.T.: 17.806 min
Delta R.T.: 0.000 min
Response: 1863835
Conc: 19.86 ug/ml



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

R.T.: 18.016 min
Delta R.T.: -0.001 min
Response: 1927820
Conc: 19.61 ug/ml

Instrument :
FID_D
ClientSampleId :