Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD111018AR\
Data File : FD026526.D
Signal(s) : FID2B.CH
Acq On : 11 Nov 2018 9:28
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 11 14:27:57 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...	7.392	1444901	19.030 ug/ml
Spiked Amount	50.000		Recovery =	38.06%
6) S	2-Flurobiphenyl (SURR)	8.243	1020646	19.519 ug/ml
Spiked Amount	50.000 Range	0 - 131	Recovery =	39.04%
11) S	ortho-Terphenyl (SURR)	11.285	1768987	20.870 ug/ml
Spiked Amount	50.000		Recovery =	41.74%
	Target Compounds			
1) T	1,2,3-Trimethylbenzen...	4.195	1582684	19.827 ug/ml
2) T	Naphthalene (C11.7)	5.727	1700766	19.380 ug/ml
3) T	2-Methylnaphthalene (...	6.778	1666440	19.227 ug/ml
5) T	Acenaphthylene (C15.06)	8.047	1642150	19.374 ug/ml
7) T	Acenaphthene (C15.5)	8.342	1719923	19.453 ug/ml
8) T	Flouorene (C16.55)	9.120	1724299	19.565 ug/ml
9) T	Phenanthrene (C19.36)	10.509	1815767	20.683 ug/ml
10) T	Anthracene (C19.43)	10.583	1817447	20.758 ug/ml
12) T	Fluoranthene (C21.85)	12.315	1979817	22.733 ug/ml
13) T	Pyrene (C20.8)	12.608	2006764	23.153 ug/ml
14) T	Benzo[a]anthracene (C...	14.477	1985201	23.345 ug/ml
15) T	Chrysene (C27.41)	14.519	1997458	23.309 ug/ml
16) T	benzo[b]fluoranthene ...	16.023	2019845	21.697 ug/ml
17) T	Bnezo[k]fluoranthene ...	16.055	2035470	21.981 ug/ml
18) T	Benzo[a]pyrene (C31.34)	16.398	2007232	21.266 ug/ml
19) T	Indeno[1,2,3-cd]pyren...	17.760	1925470	20.051 ug/ml
20) T	Dibenz[a,h]anthracene...	17.803	1890302	20.138 ug/ml
21) T	Benzo[g,h,i]perylene ...	18.013	1969004	20.028 ug/ml

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

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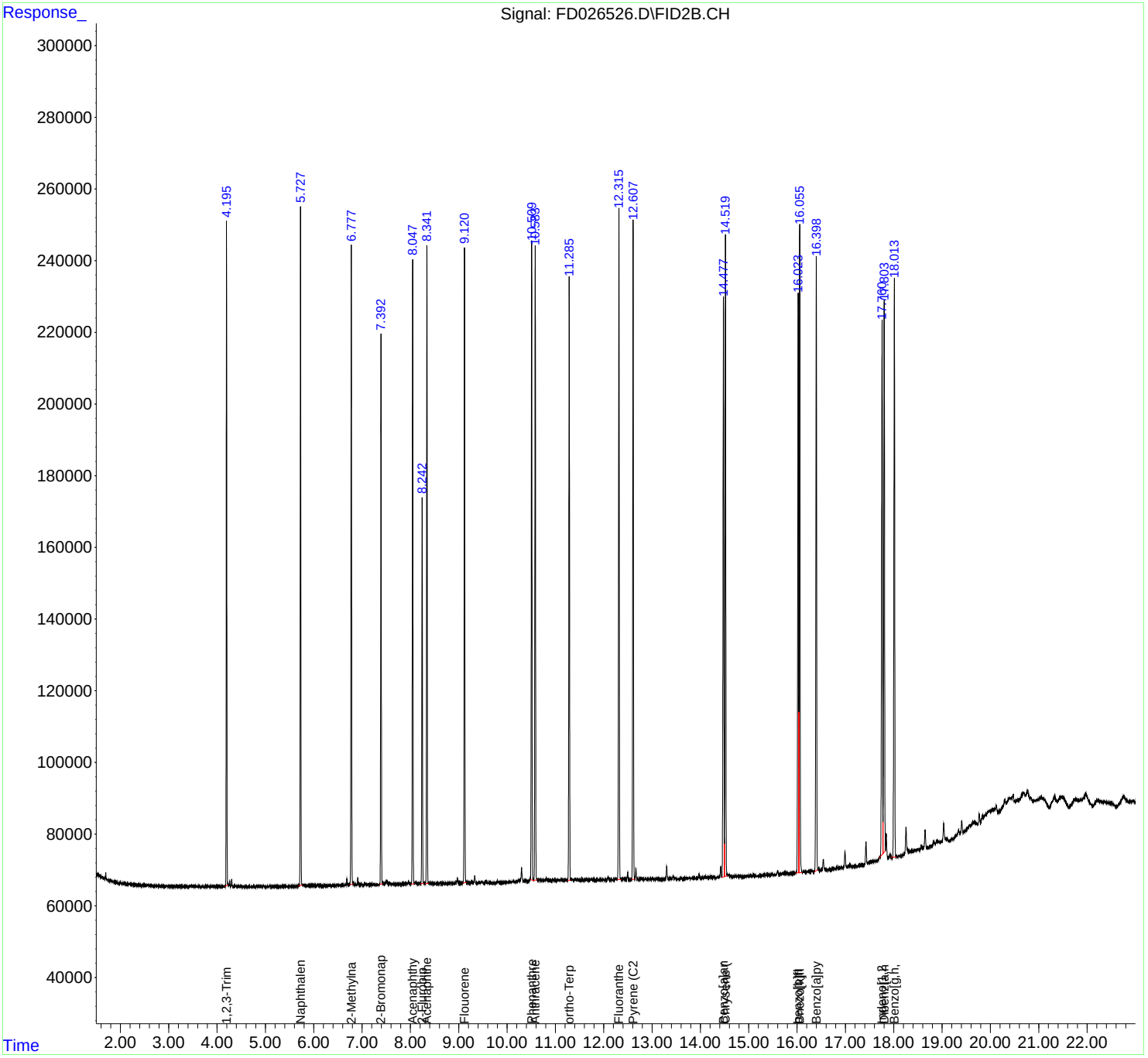
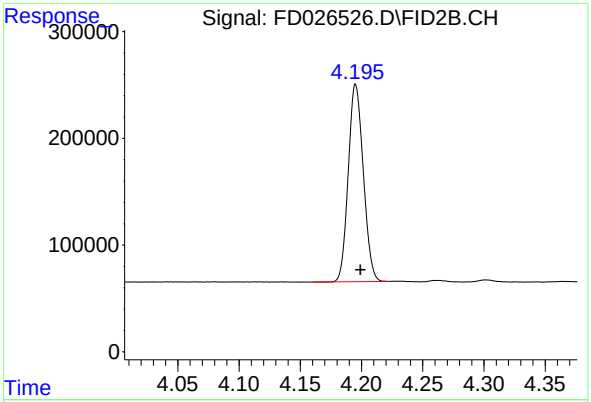
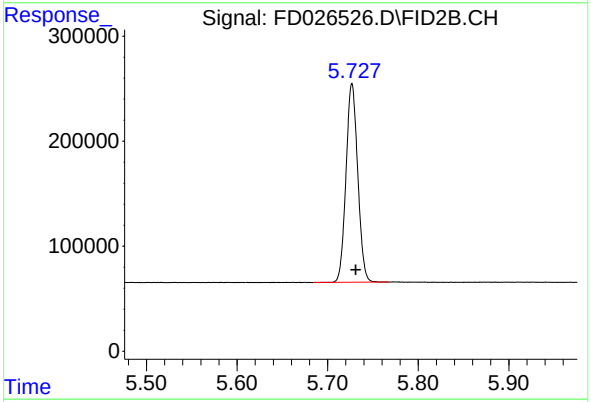




#1 1,2,3-Trimethylbenzene (C10.1)

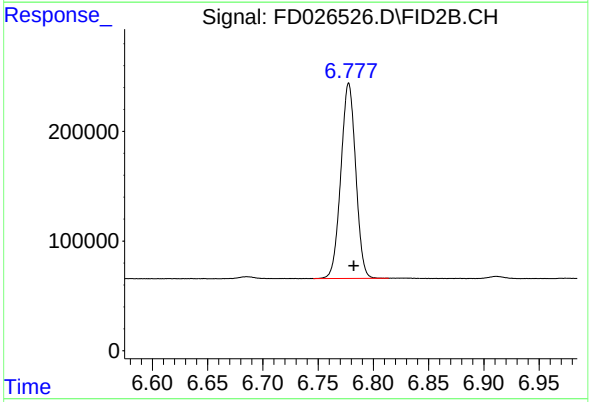
R.T.: 4.195 min
Delta R.T.: -0.004 min
Response: 1582684
Conc: 19.83 ug/ml

Instrument :
FID_D
ClientSampleId :



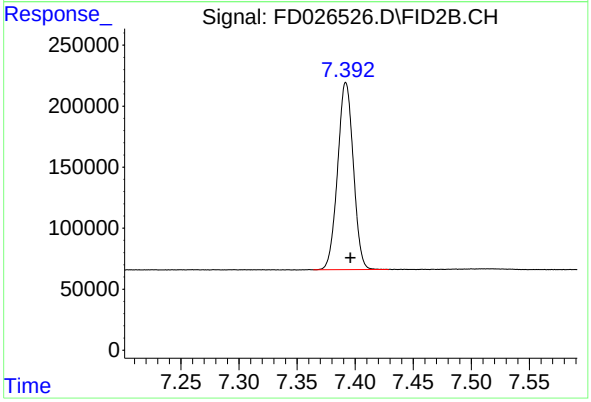
#2 Naphthalene (C11.7)

R.T.: 5.727 min
Delta R.T.: -0.004 min
Response: 1700766
Conc: 19.38 ug/ml



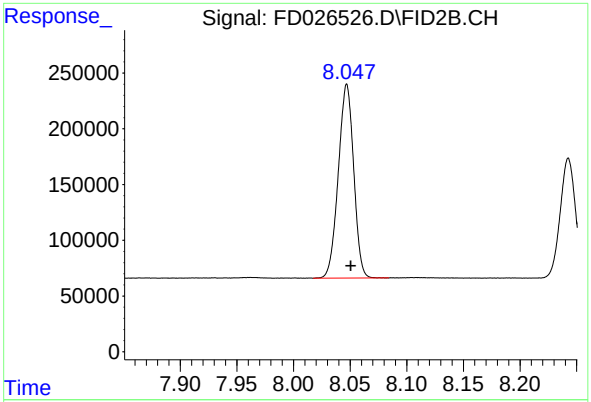
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.778 min
Delta R.T.: -0.004 min
Response: 1666440
Conc: 19.23 ug/ml



#4 2-Bromonaphthalene (SURR)

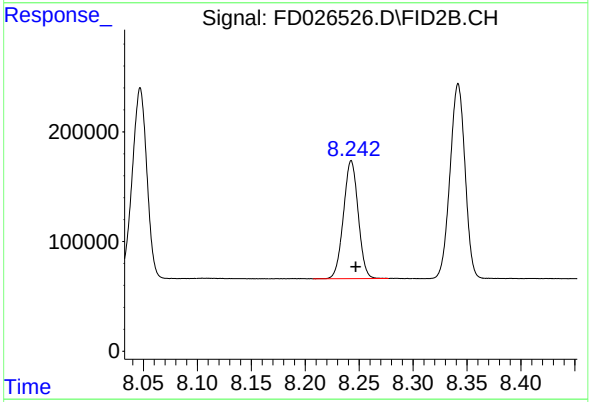
R.T.: 7.392 min
Delta R.T.: -0.004 min
Response: 1444901
Conc: 19.03 ug/ml



#5 Acenaphthylene (C15.06)

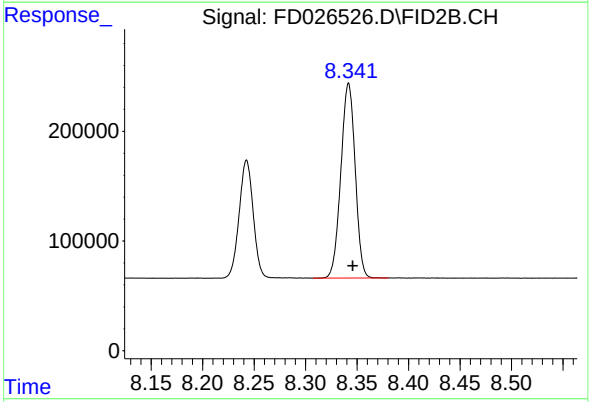
R.T.: 8.047 min
Delta R.T.: -0.004 min
Response: 1642150
Conc: 19.37 ug/ml

Instrument :
FID_D
ClientSampleId :



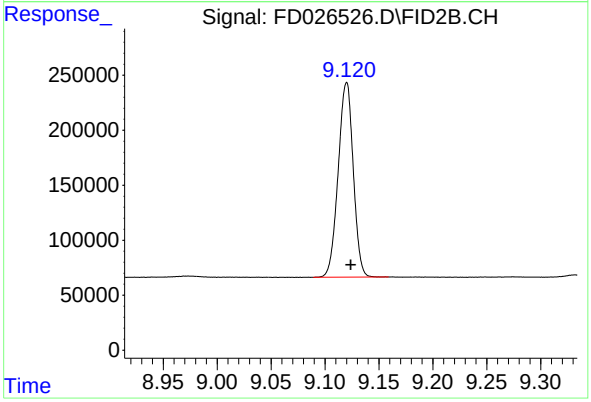
#6 2-Flurobiphenyl (SURR)

R.T.: 8.243 min
Delta R.T.: -0.004 min
Response: 1020646
Conc: 19.52 ug/ml



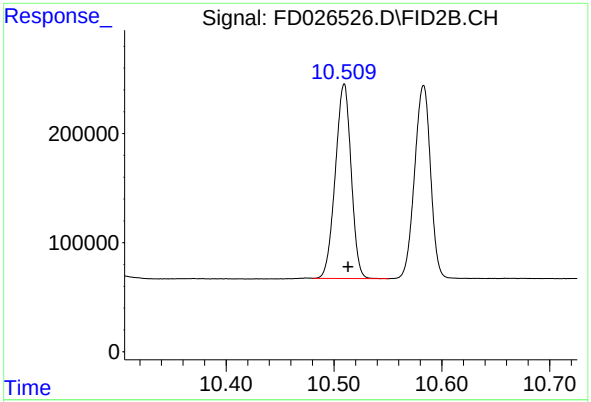
#7 Acenaphthene (C15.5)

R.T.: 8.342 min
Delta R.T.: -0.004 min
Response: 1719923
Conc: 19.45 ug/ml



#8 Flouorene (C16.55)

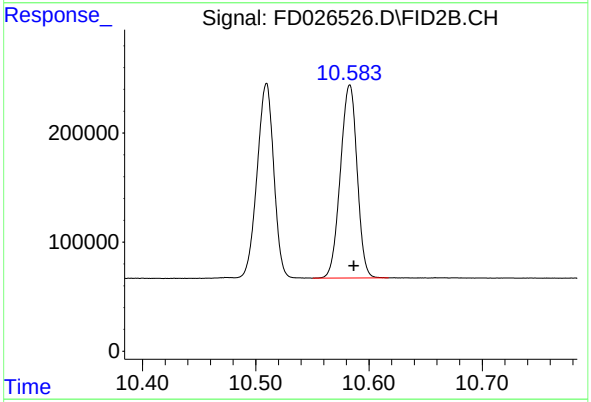
R.T.: 9.120 min
Delta R.T.: -0.004 min
Response: 1724299
Conc: 19.57 ug/ml



#9 Phenanthrene (C19.36)

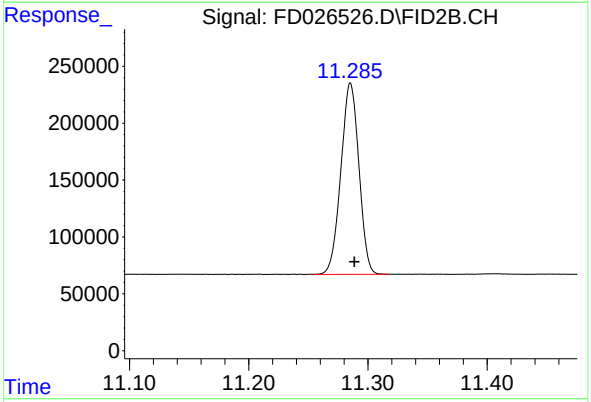
R.T.: 10.509 min
Delta R.T.: -0.004 min
Response: 1815767
Conc: 20.68 ug/ml

Instrument :
FID_D
ClientSampleId :



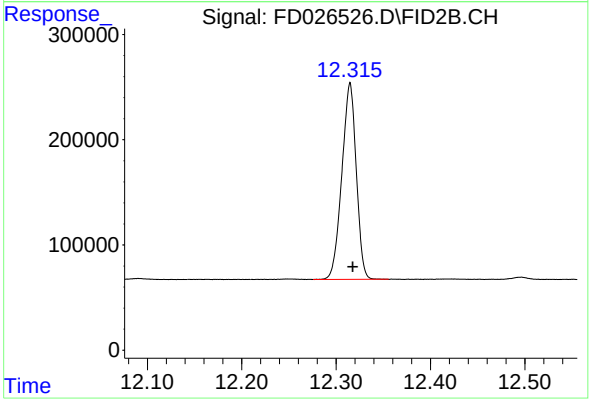
#10 Anthracene (C19.43)

R.T.: 10.583 min
Delta R.T.: -0.003 min
Response: 1817447
Conc: 20.76 ug/ml



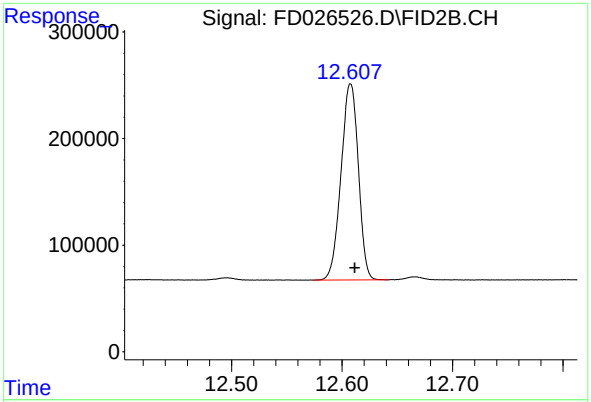
#11 ortho-Terphenyl (SURR)

R.T.: 11.285 min
Delta R.T.: -0.003 min
Response: 1768987
Conc: 20.87 ug/ml



#12 Fluoranthene (C21.85)

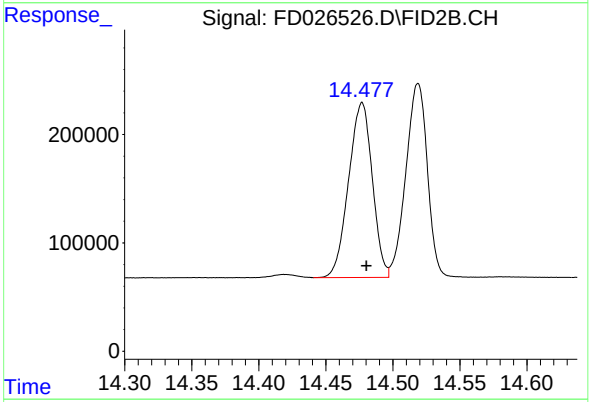
R.T.: 12.315 min
Delta R.T.: -0.003 min
Response: 1979817
Conc: 22.73 ug/ml



#13 Pyrene (C20.8)

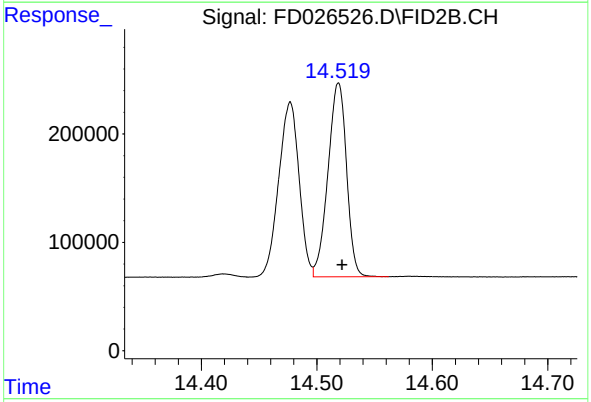
R.T.: 12.608 min
Delta R.T.: -0.004 min
Response: 2006764
Conc: 23.15 ug/ml

Instrument :
FID_D
ClientSampleId :



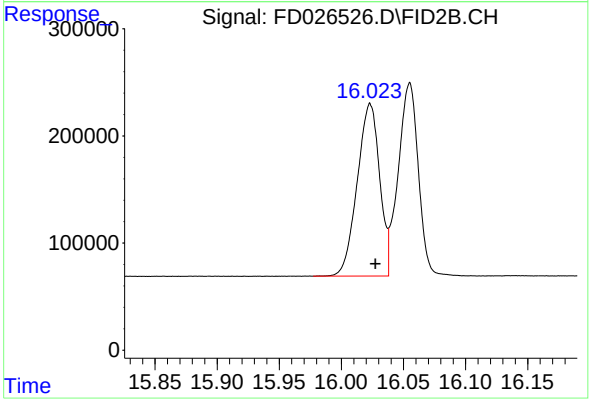
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.477 min
Delta R.T.: -0.003 min
Response: 1985201
Conc: 23.35 ug/ml



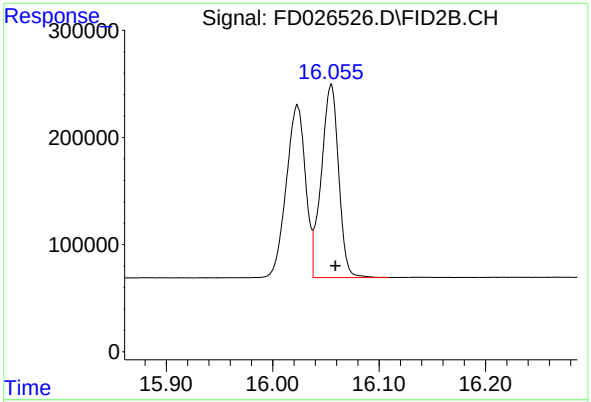
#15 Chrysene (C27.41)

R.T.: 14.519 min
Delta R.T.: -0.003 min
Response: 1997458
Conc: 23.31 ug/ml



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

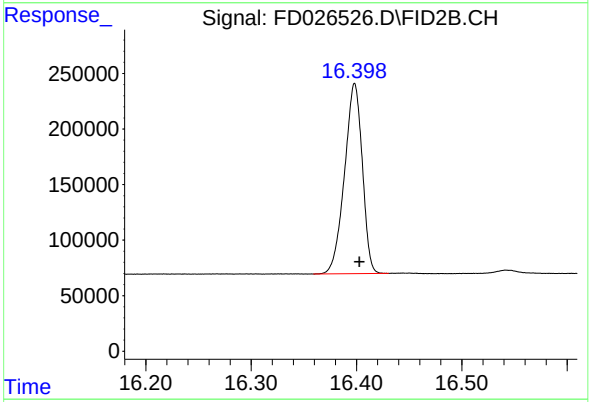
R.T.: 16.023 min
Delta R.T.: -0.004 min
Response: 2019845
Conc: 21.70 ug/ml



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

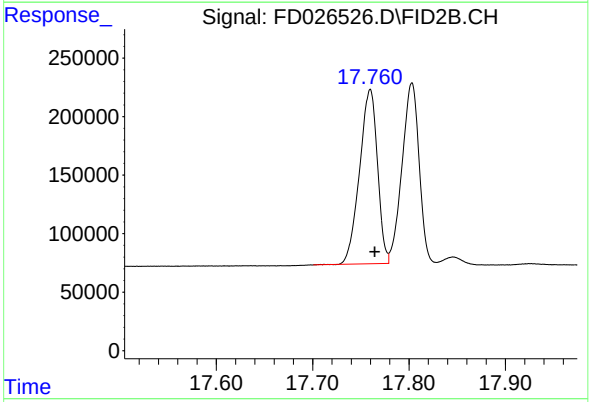
R.T.: 16.055 min
Delta R.T.: -0.004 min
Response: 2035470
Conc: 21.98 ug/ml

Instrument :
FID_D
ClientSampleId :



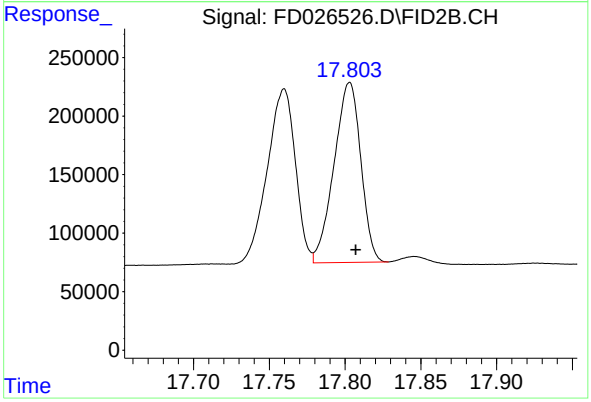
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.398 min
Delta R.T.: -0.004 min
Response: 2007232
Conc: 21.27 ug/ml



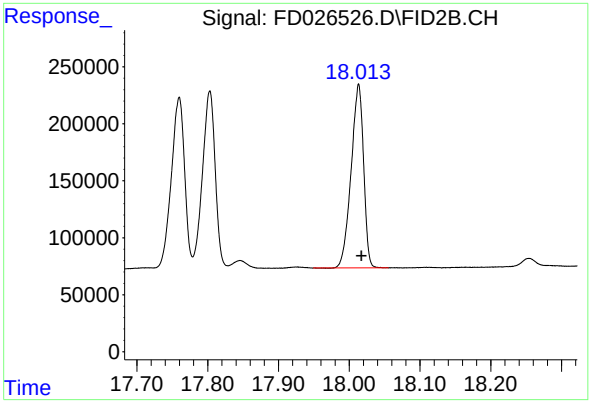
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.760 min
Delta R.T.: -0.005 min
Response: 1925470
Conc: 20.05 ug/ml



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

R.T.: 17.803 min
Delta R.T.: -0.004 min
Response: 1890302
Conc: 20.14 ug/ml



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

R.T.: 18.013 min
Delta R.T.: -0.004 min
Response: 1969004
Conc: 20.03 ug/ml

Instrument :
FID_D
ClientSampleId :