Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030321AR\
Data File : FD036322.D
Signal(s) : FID2B.CH
Acq On : 04 Mar 2021 9:37
Operator : DD\AJ
Sample : 20 PPM AROMATIC HC STD
Misc :
ALS Vial : 75 Sample Multiplier: 1

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

Integration File: autoint1.e
Quant Time: Mar 04 10:17:08 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030321.M
Quant Title : GC Extractables
QLast Update : Thu Mar 04 08:08:08 2021
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...	7.605	2303034	19.539 ug/ml
Spiked Amount 50.000		Recovery =	39.08%
6) S 2-Flurobiphenyl (SURR)	8.467	1628018	19.562 ug/ml
Spiked Amount 50.000 Range	0 - 131	Recovery =	39.12%
11) S ortho-Terphenyl (SURR)	11.509	2738616	19.439 ug/ml
Spiked Amount 50.000		Recovery =	38.88%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.405	2452615	19.562 ug/ml
2) T Naphthalene (C11.7)	5.944	2645417	19.522 ug/ml
3) T 2-Methylnaphthalene (...	6.996	2669584	19.550 ug/ml
5) T Acenaphthylene (C15.06)	8.271	2623963	19.503 ug/ml
7) T Acenaphthene (C15.5)	8.566	2704671	19.540 ug/ml
8) T Flouorene (C16.55)	9.347	2669154	19.559 ug/ml
9) T Phenanthrene (C19.36)	10.743	2687723	19.508 ug/ml
10) T Anthracene (C19.43)	10.817	2616443	19.488 ug/ml
12) T Fluoranthene (C21.85)	12.553	2700194	19.443 ug/ml
13) T Pyrene (C20.8)	12.849	2667511	19.457 ug/ml
14) T Benzo[a]anthracene (C...	14.720	2457371	19.428 ug/ml
15) T Chrysene (C27.41)	14.763	2513587	19.410 ug/ml
16) T benzo[b]fluoranthene ...	16.268	2351014	19.318 ug/ml
17) T Bnezo[k]fluoranthene ...	16.300	2286459	19.417 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.645	2134254	19.353 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.007	2124635	19.203 ug/ml
20) T Dibenz[a,h]anthracene...	18.047	2140175	19.340 ug/ml
21) T Benzo[g,h,i]perylene ...	18.262	2136885	19.326 ug/ml

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

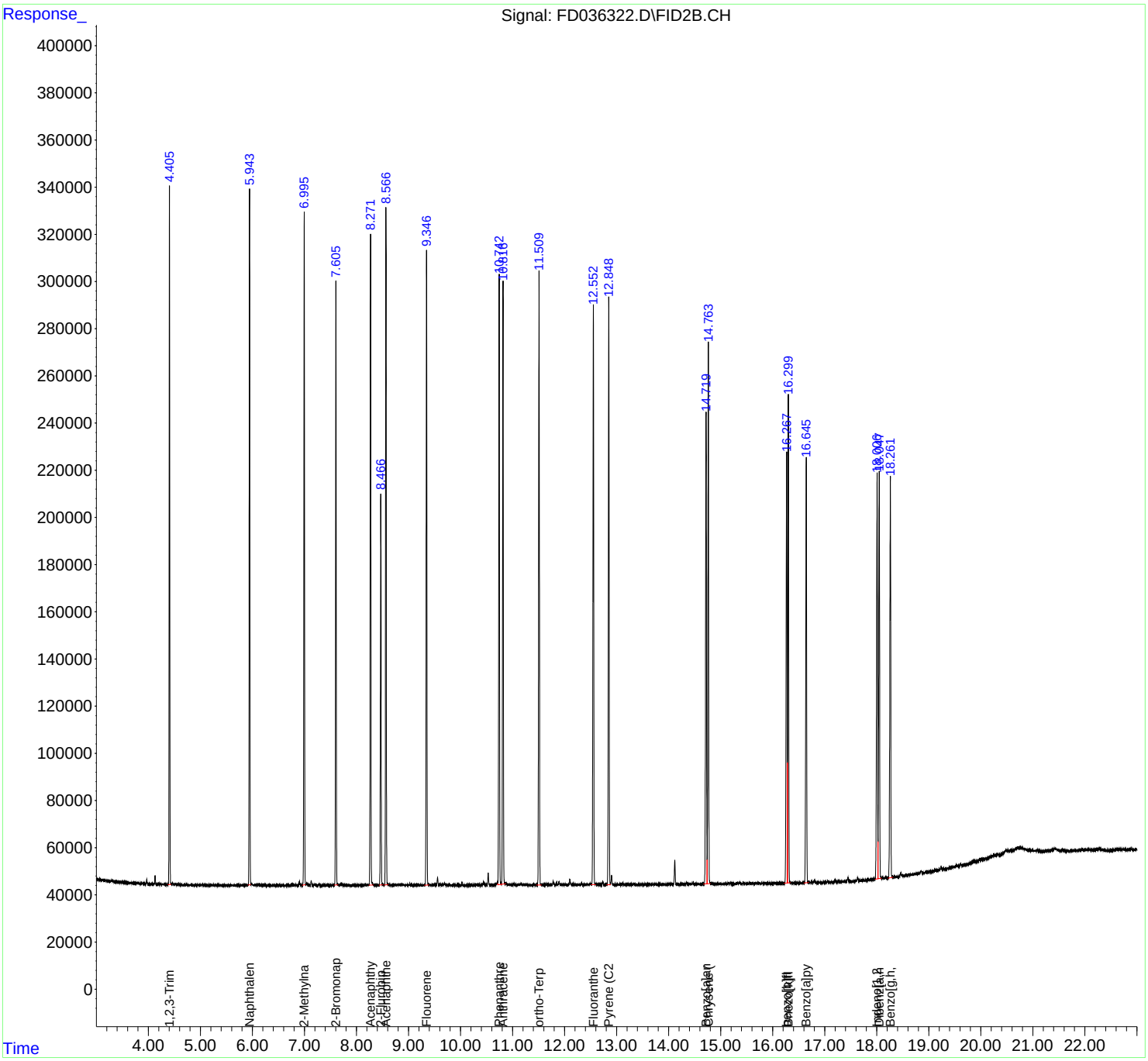
Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030321AR\
Data File : FD036322.D
Signal(s) : FID2B.CH
Acq On : 04 Mar 2021 9:37
Operator : DD\AJ
Sample : 20 PPM AROMATIC HC STD
Misc :
ALS Vial : 75 Sample Multiplier: 1

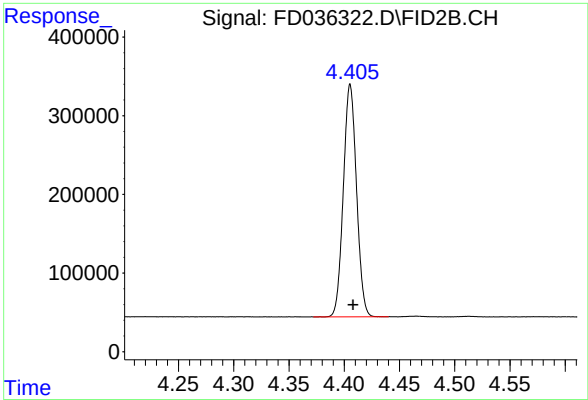
Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD

Integration File: autoint1.e
Quant Time: Mar 04 10:17:08 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030321.M
Quant Title : GC Extractables
QLast Update : Thu Mar 04 08:08:08 2021
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

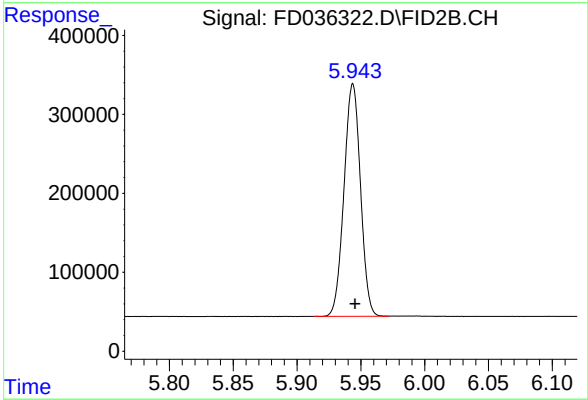


Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



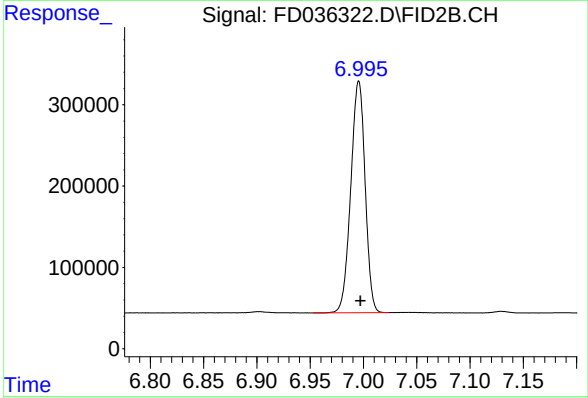
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.405 min
Delta R.T.: -0.003 min
Response: 2452615
Conc: 19.56 ug/ml



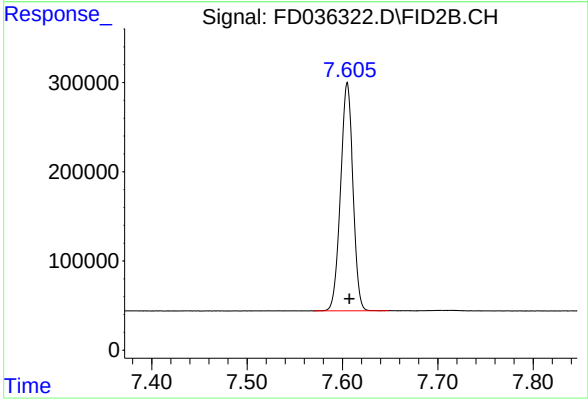
#2 Naphthalene (C11.7)

R.T.: 5.944 min
Delta R.T.: -0.002 min
Response: 2645417
Conc: 19.52 ug/ml



#3 2-Methylnaphthalene (C12.89)

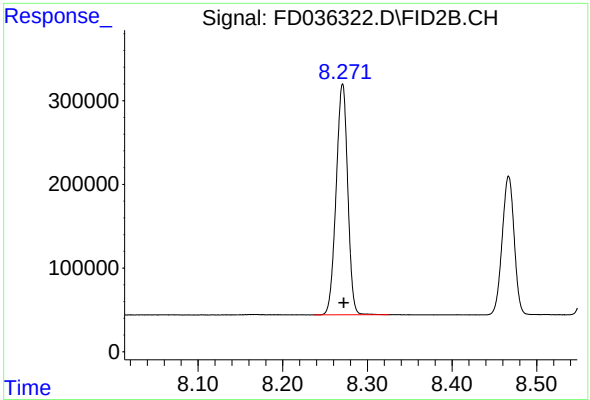
R.T.: 6.996 min
Delta R.T.: -0.001 min
Response: 2669584
Conc: 19.55 ug/ml



#4 2-Bromonaphthalene (SURR)

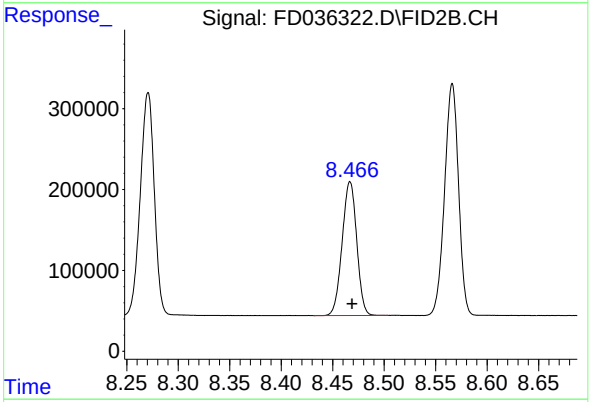
R.T.: 7.605 min
Delta R.T.: -0.002 min
Response: 2303034
Conc: 19.54 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



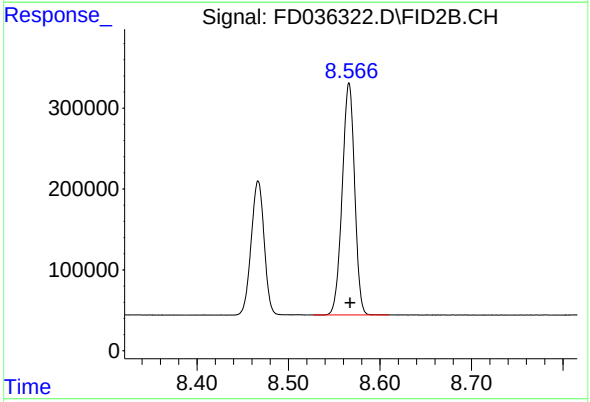
#5 Acenaphthylene (C15.06)

R.T.: 8.271 min
Delta R.T.: -0.001 min
Response: 2623963
Conc: 19.50 ug/ml



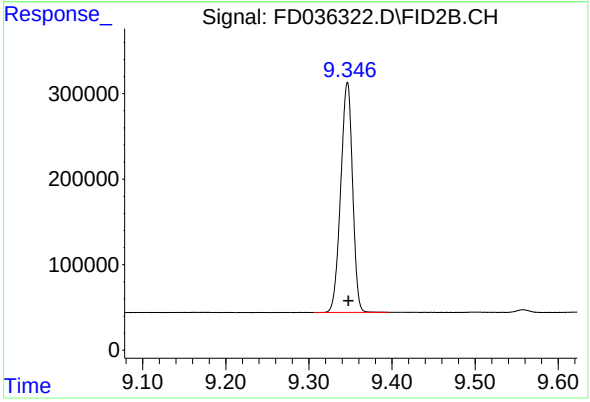
#6 2-Flurobiphenyl (SURR)

R.T.: 8.467 min
Delta R.T.: -0.002 min
Response: 1628018
Conc: 19.56 ug/ml



#7 Acenaphthene (C15.5)

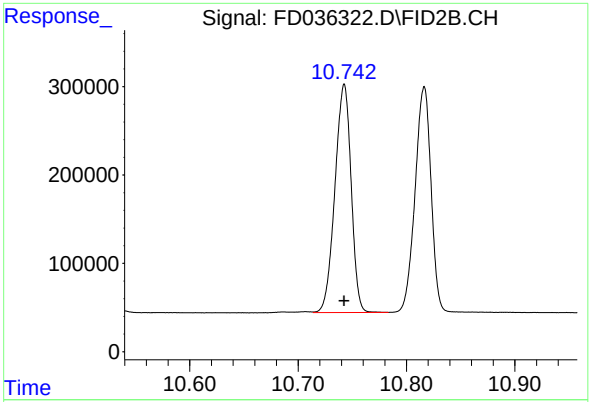
R.T.: 8.566 min
Delta R.T.: 0.000 min
Response: 2704671
Conc: 19.54 ug/ml



#8 Flouorene (C16.55)

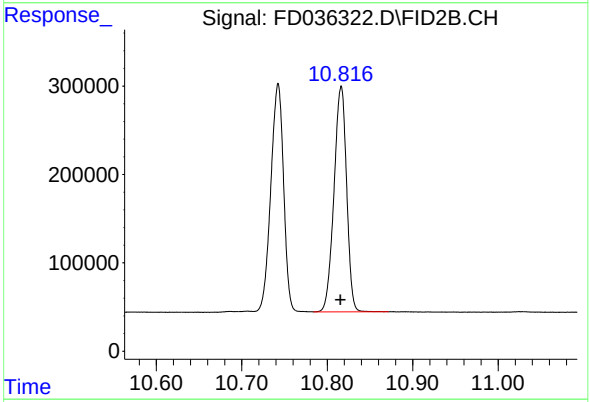
R.T.: 9.347 min
Delta R.T.: 0.000 min
Response: 2669154
Conc: 19.56 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



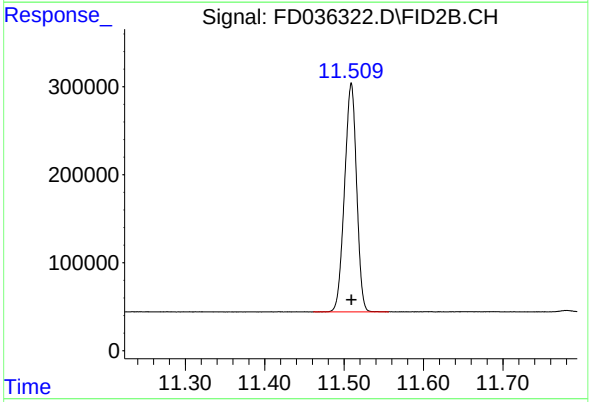
#9 Phenanthrene (C19.36)

R.T.: 10.743 min
Delta R.T.: 0.000 min
Response: 2687723
Conc: 19.51 ug/ml



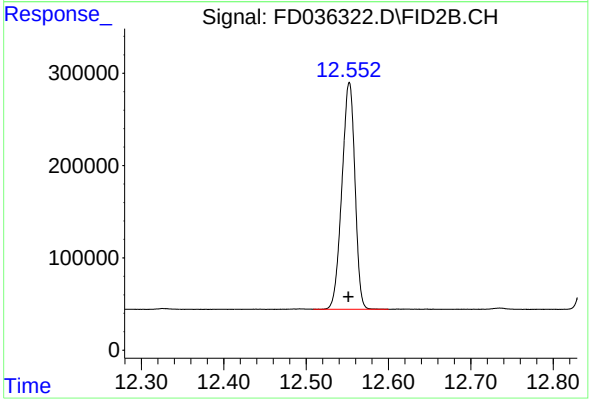
#10 Anthracene (C19.43)

R.T.: 10.817 min
Delta R.T.: 0.001 min
Response: 2616443
Conc: 19.49 ug/ml



#11 ortho-Terphenyl (SURR)

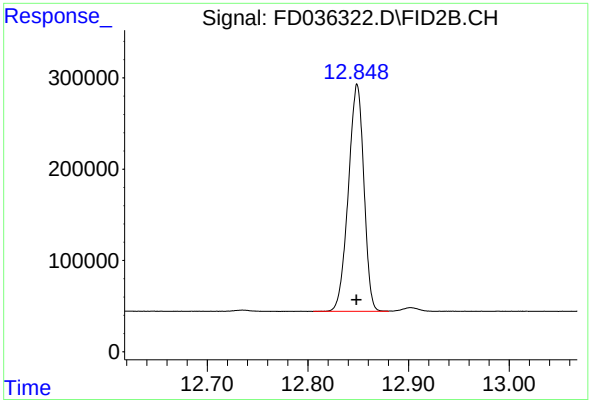
R.T.: 11.509 min
Delta R.T.: 0.000 min
Response: 2738616
Conc: 19.44 ug/ml



#12 Fluoranthene (C21.85)

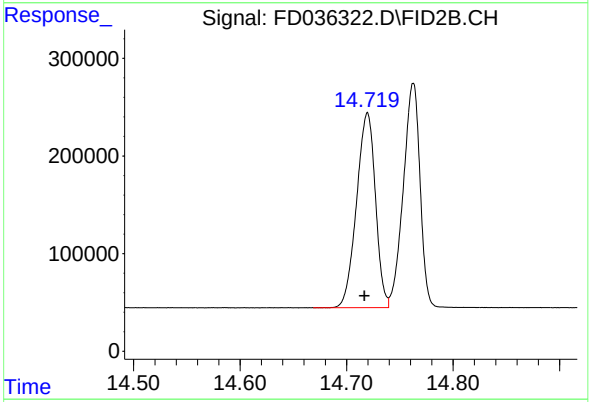
R.T.: 12.553 min
Delta R.T.: 0.001 min
Response: 2700194
Conc: 19.44 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



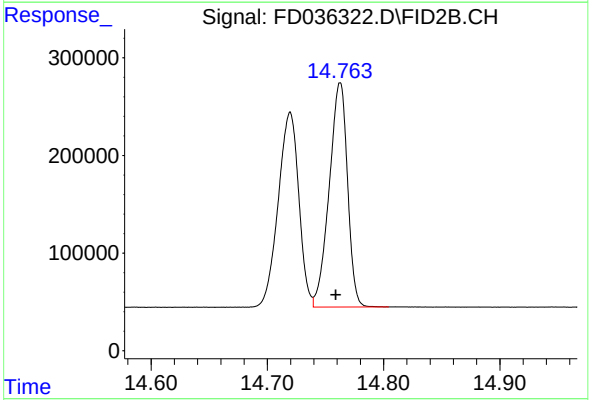
#13 Pyrene (C20.8)

R.T.: 12.849 min
Delta R.T.: 0.000 min
Response: 2667511
Conc: 19.46 ug/ml



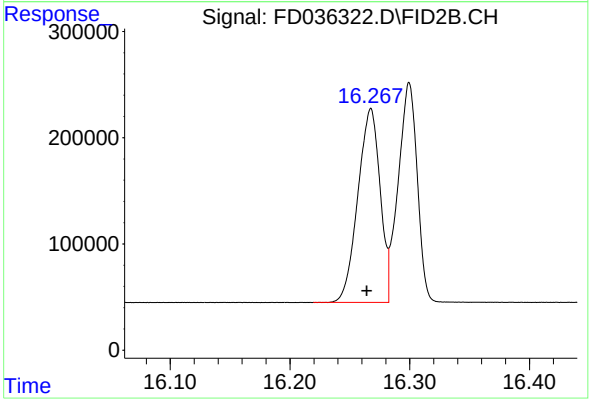
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.720 min
Delta R.T.: 0.003 min
Response: 2457371
Conc: 19.43 ug/ml



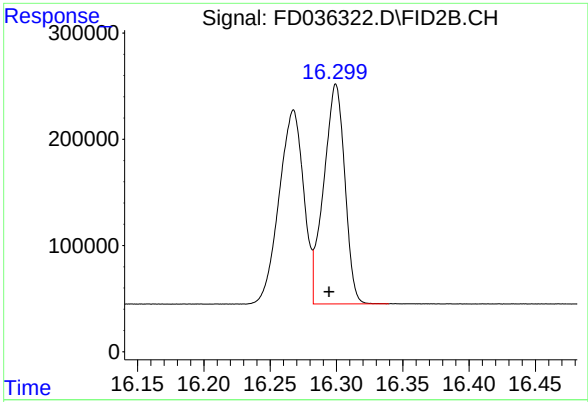
#15 Chrysene (C27.41)

R.T.: 14.763 min
Delta R.T.: 0.004 min
Response: 2513587
Conc: 19.41 ug/ml



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

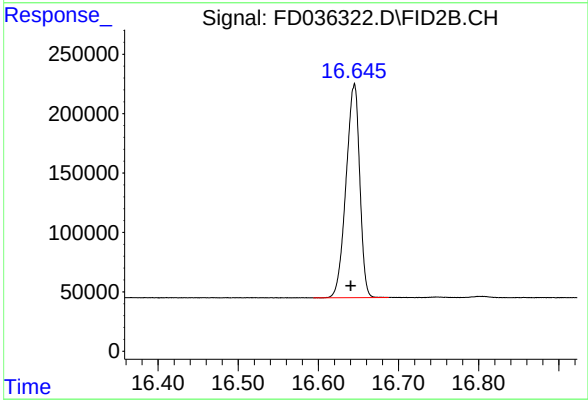
R.T.: 16.268 min
Delta R.T.: 0.003 min
Response: 2351014
Conc: 19.32 ug/ml



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

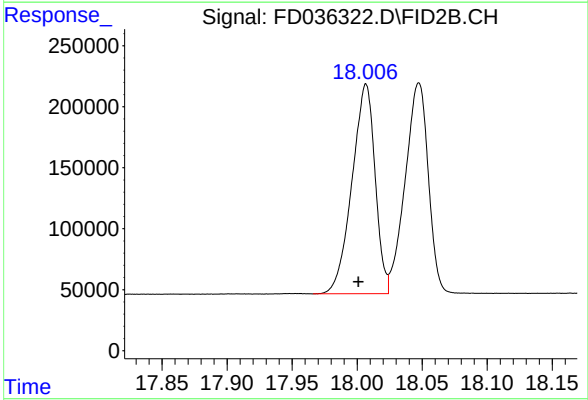
R.T.: 16.300 min
Delta R.T.: 0.005 min
Response: 2286459
Conc: 19.42 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



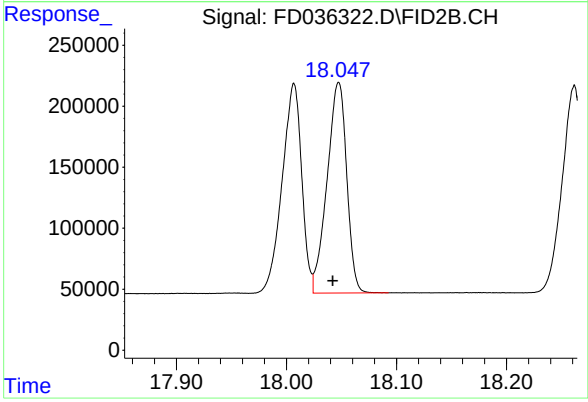
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.645 min
Delta R.T.: 0.005 min
Response: 2134254
Conc: 19.35 ug/ml



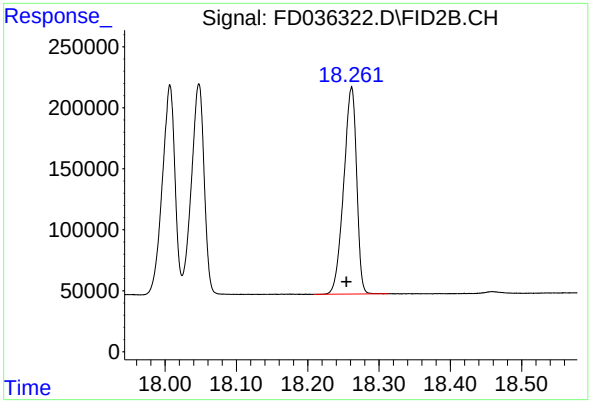
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.007 min
Delta R.T.: 0.006 min
Response: 2124635
Conc: 19.20 ug/ml



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

R.T.: 18.047 min
Delta R.T.: 0.006 min
Response: 2140175
Conc: 19.34 ug/ml



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

R.T.: 18.262 min
Delta R.T.: 0.007 min
Response: 2136885
Conc: 19.33 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD