

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110220AR\
 Data File : FD035254.D
 Signal(s) : FID2B.CH
 Acq On : 03 Nov 2020 3:24
 Operator : DD\AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 69 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Nov 03 05:12:48 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110220.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 03 05:09:03 2020
 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...	7.646	12233961	102.156 ug/ml
Spiked Amount 50.000		Recovery =	204.31%
6) S 2-Fluorobiphenyl (SURR)	8.512	8642467	103.129 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	206.26%#
11) S ortho-Terphenyl (SURR)	11.553	14048201	98.634 ug/ml
Spiked Amount 50.000		Recovery =	197.27%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.442	13279947	99.819 ug/ml
2) T Naphthalene (C11.7)	5.984	14305338	102.527 ug/ml
3) T 2-Methylnaphthalene (...)	7.038	14358201	101.709 ug/ml
5) T Acenaphthylene (C15.06)	8.315	13860914	100.121 ug/ml
7) T Acenaphthene (C15.5)	8.613	14277714	100.031 ug/ml
8) T Fluorene (C16.55)	9.394	13956468	101.362 ug/ml
9) T Phenanthrene (C19.36)	10.792	13961932	101.484 ug/ml
10) T Anthracene (C19.43)	10.870	13843607	98.338 ug/ml
12) T Fluoranthene (C21.85)	12.607	13794101	99.172 ug/ml
13) T Pyrene (C20.8)	12.905	13581494	100.836 ug/ml
14) T Benzo[a]anthracene (C...	14.777	12573591	101.113 ug/ml
15) T Chrysene (C27.41)	14.824	12877218	94.082 ug/ml
16) T benzo[b]fluoranthene ...	16.328	12108193	98.792 ug/ml
17) T Bnezo[k]fluoranthene ...	16.328	12108193	96.434 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.709	10979754	96.660 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.078	11620383	110.912 ug/ml
20) T Dibenz[a,h]anthracene...	18.078	11620383	97.596 ug/ml
21) T Benzo[g,h,i]perylene ...	18.336	10917587	98.474 ug/ml

(f)=RT Delta > 1/2 Window

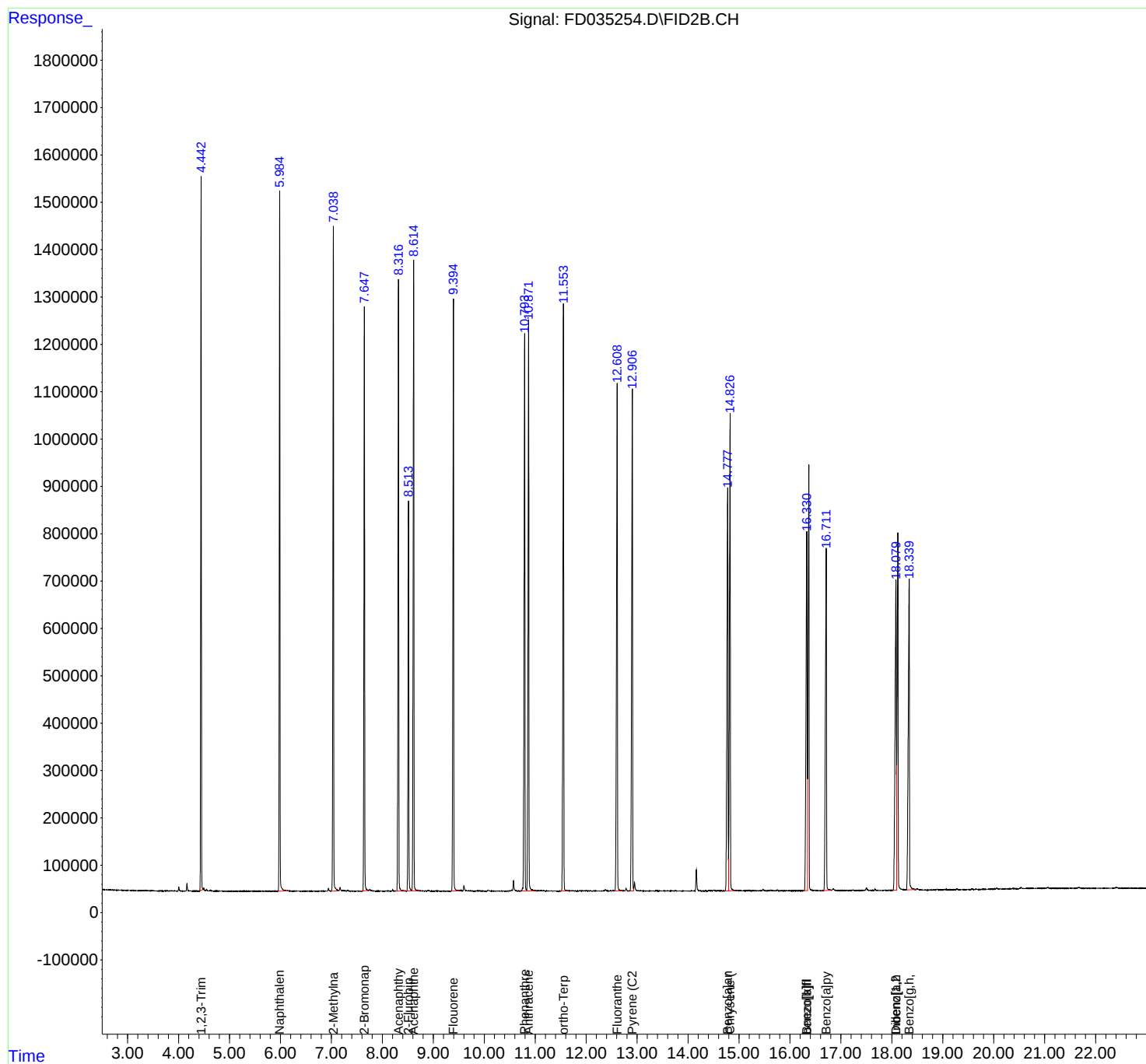
(m)=manual int.

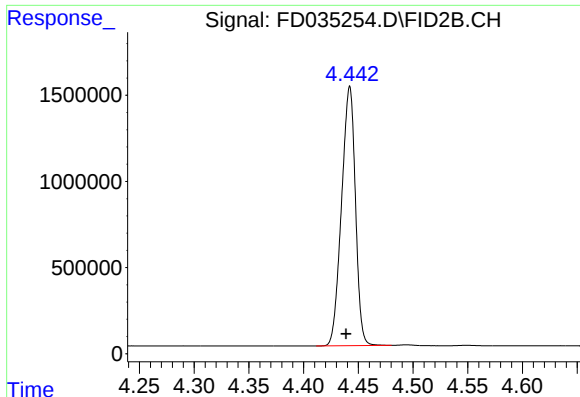
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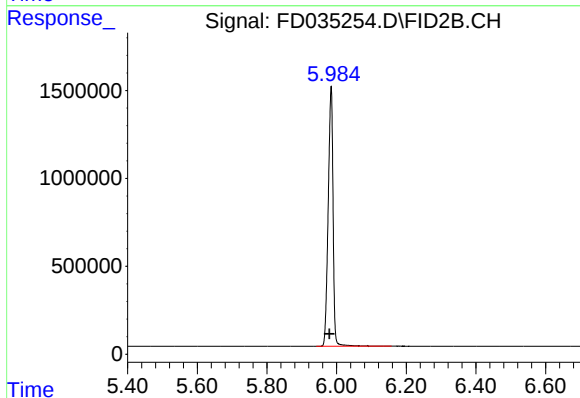




#1 1,2,3-Trimethylbenzene (C10.1)

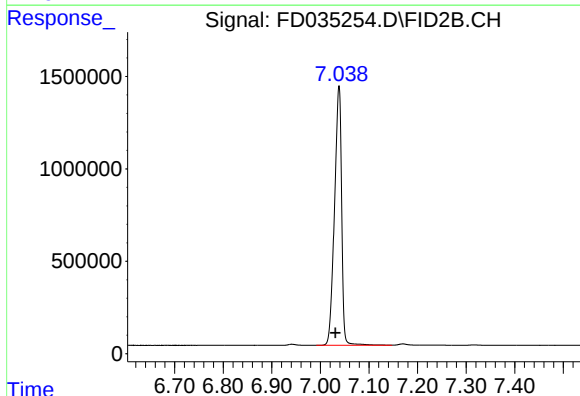
R.T.: 4.442 min
Delta R.T.: 0.003 min
Response: 13279947
Conc: 99.82 ug/ml

Instrument :
FID_D
ClientSampleId :



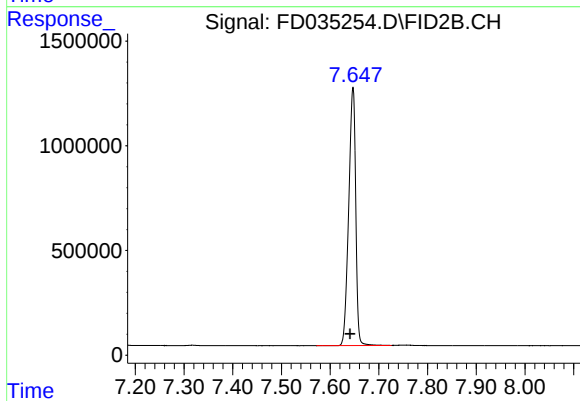
#2 Naphthalene (C11.7)

R.T.: 5.984 min
Delta R.T.: 0.005 min
Response: 14305338
Conc: 102.53 ug/ml



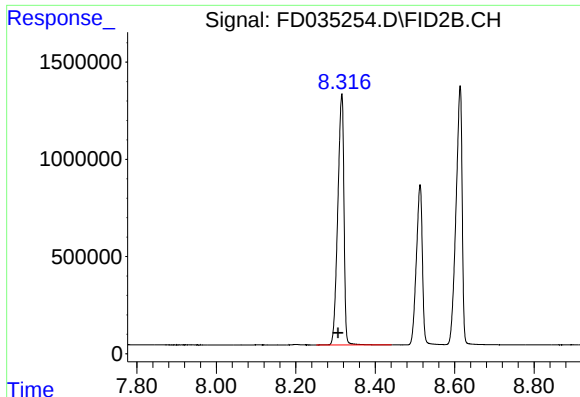
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.038 min
Delta R.T.: 0.007 min
Response: 14358201
Conc: 101.71 ug/ml



#4 2-Bromonaphthalene (SURR)

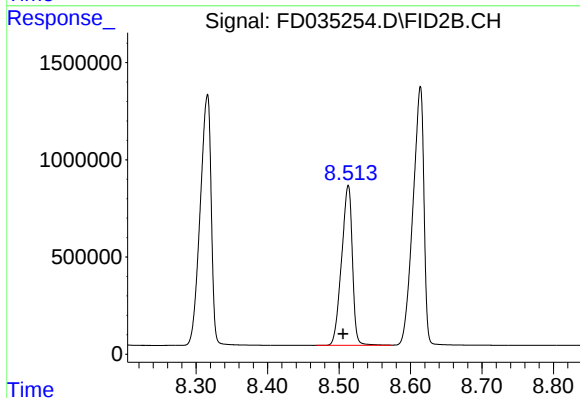
R.T.: 7.646 min
Delta R.T.: 0.006 min
Response: 12233961
Conc: 102.16 ug/ml



#5 Acenaphthylene (C15.06)

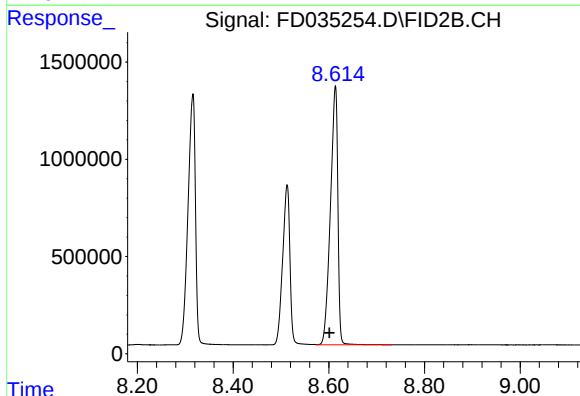
R.T.: 8.315 min
Delta R.T.: 0.008 min
Response: 13860914
Conc: 100.12 ug/ml

Instrument :
FID_D
ClientSampleId :



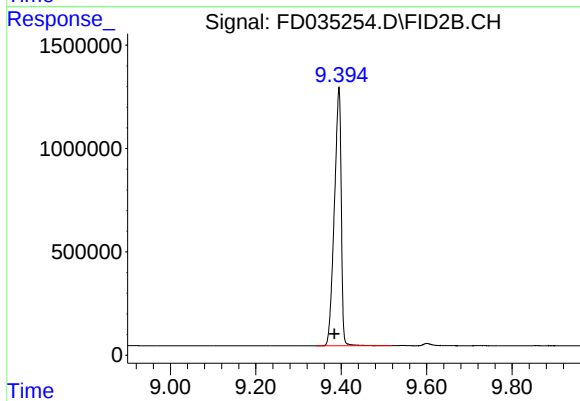
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.512 min
Delta R.T.: 0.007 min
Response: 8642467
Conc: 103.13 ug/ml



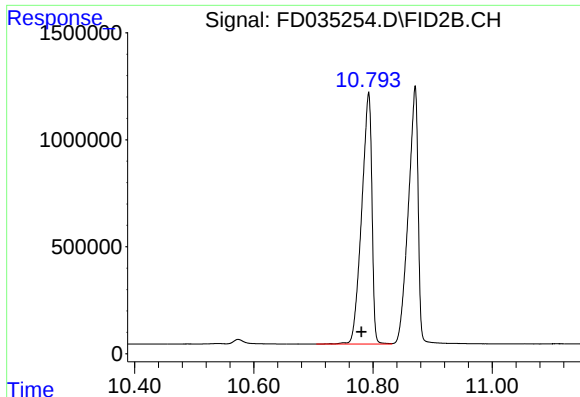
#7 Acenaphthene (C15.5)

R.T.: 8.613 min
Delta R.T.: 0.012 min
Response: 14277714
Conc: 100.03 ug/ml



#8 Fluorene (C16.55)

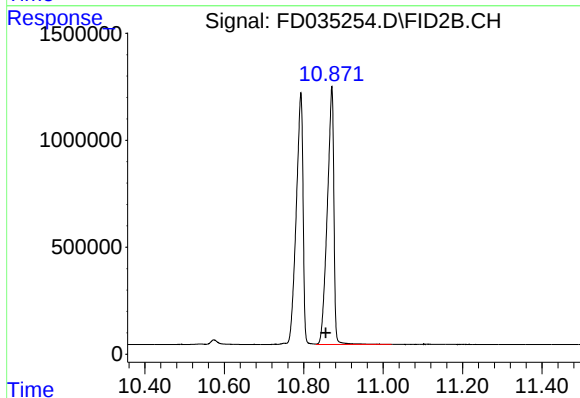
R.T.: 9.394 min
Delta R.T.: 0.010 min
Response: 13956468
Conc: 101.36 ug/ml



#9 Phenanthrene (C19.36)

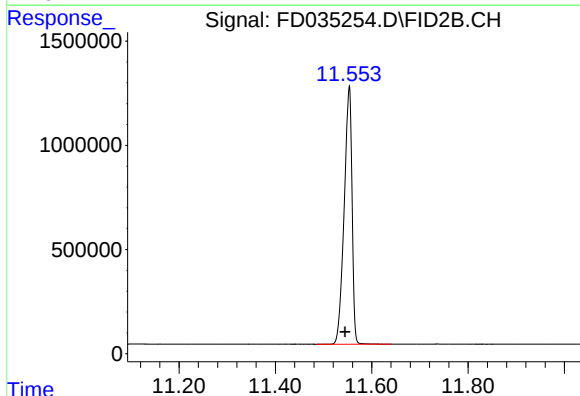
R.T.: 10.792 min
Delta R.T.: 0.012 min
Response: 13961932
Conc: 101.48 ug/ml

Instrument :
FID_D
ClientSampleId :



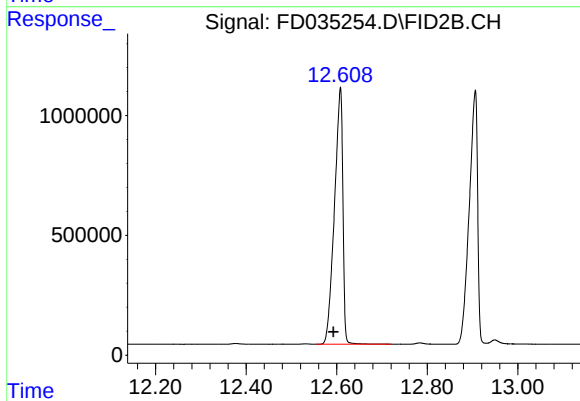
#10 Anthracene (C19.43)

R.T.: 10.870 min
Delta R.T.: 0.014 min
Response: 13843607
Conc: 98.34 ug/ml



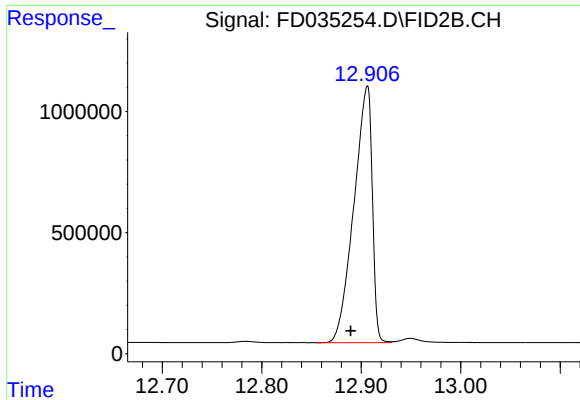
#11 ortho-Terphenyl (SURR)

R.T.: 11.553 min
Delta R.T.: 0.008 min
Response: 14048201
Conc: 98.63 ug/ml



#12 Fluoranthene (C21.85)

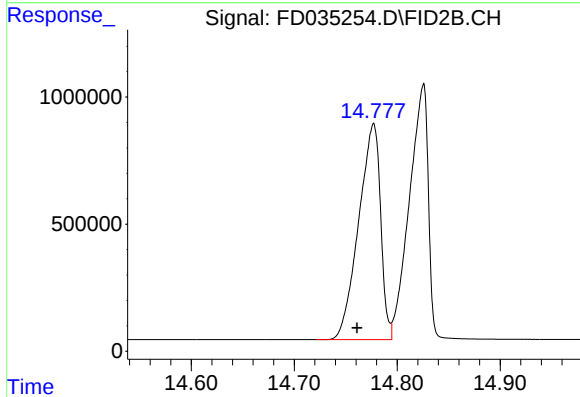
R.T.: 12.607 min
Delta R.T.: 0.014 min
Response: 13794101
Conc: 99.17 ug/ml



#13 Pyrene (C20.8)

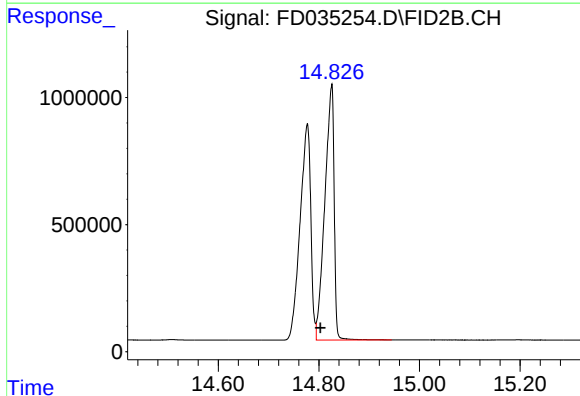
R.T.: 12.905 min
Delta R.T.: 0.015 min
Response: 13581494
Conc: 100.84 ug/ml

Instrument :
FID_D
ClientSampleId :



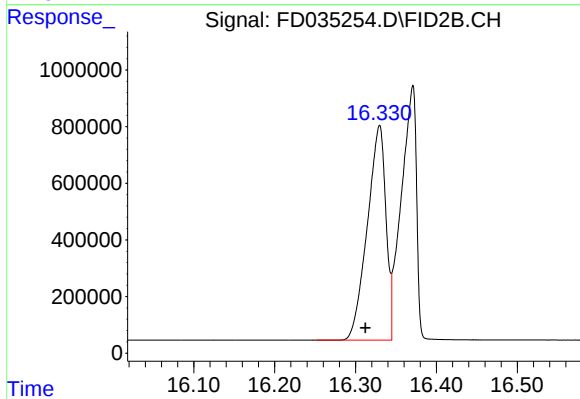
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.777 min
Delta R.T.: 0.015 min
Response: 12573591
Conc: 101.11 ug/ml



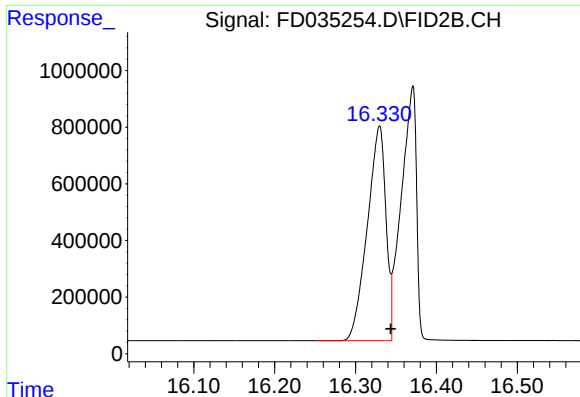
#15 Chrysene (C27.41)

R.T.: 14.824 min
Delta R.T.: 0.021 min
Response: 12877218
Conc: 94.08 ug/ml



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

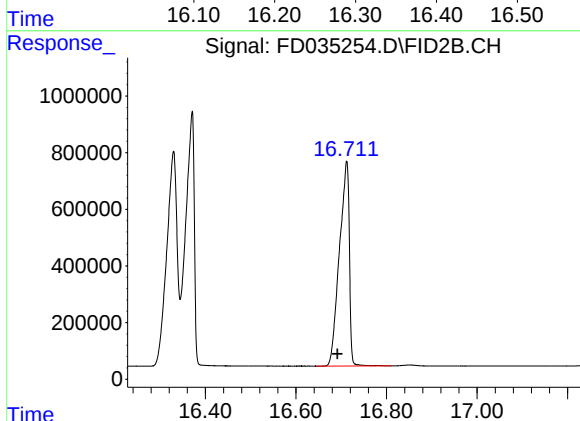
R.T.: 16.328 min
Delta R.T.: 0.016 min
Response: 12108193
Conc: 98.79 ug/ml



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

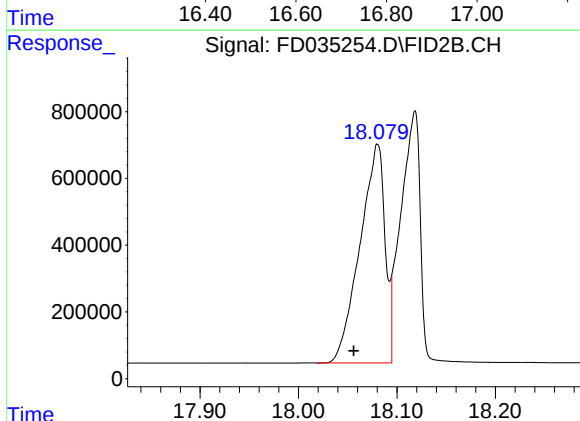
R.T.: 16.328 min
Delta R.T.: -0.015 min
Response: 12108193
Conc: 96.43 ug/ml

Instrument :
FID_D
ClientSampleId :



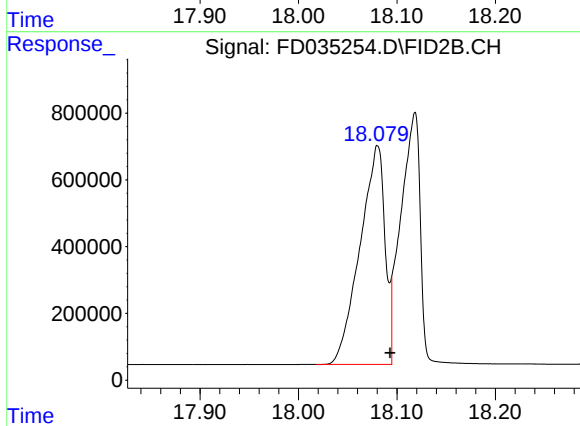
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.709 min
Delta R.T.: 0.018 min
Response: 10979754
Conc: 96.66 ug/ml



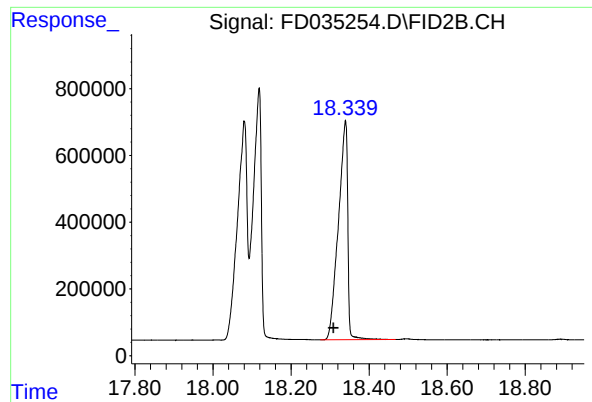
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.078 min
Delta R.T.: 0.022 min
Response: 11620383
Conc: 110.91 ug/ml



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

R.T.: 18.078 min
Delta R.T.: -0.015 min
Response: 11620383
Conc: 97.60 ug/ml



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

R.T.: 18.336 min
Delta R.T.: 0.027 min
Response: 10917587
Conc: 98.47 ug/ml

Instrument :
FID_D
ClientSampleId :