

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030321AR\
 Data File : FD036318.D
 Signal(s) : FID2B.CH
 Acq On : 04 Mar 2021 7:06
 Operator : DD\AJ
 Sample : 10 PPM AROMATIC HC STD4
 Misc :
 ALS Vial : 71 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 10 PPM AROMATIC HC STD4

Integration File: autoint1.e
 Quant Time: Mar 04 07:33:53 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030321.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 04 07:03:10 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...	7.608	1173482	10.123 ug/ml
Spiked Amount 50.000		Recovery =	20.25%
6) S 2-Fluorobiphenyl (SURR)	8.469	826882	10.031 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	20.06%
11) S ortho-Terphenyl (SURR)	11.510	1420094	10.392 ug/ml
Spiked Amount 50.000		Recovery =	20.78%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.408	1253237	10.248 ug/ml
2) T Naphthalene (C11.7)	5.946	1353001	10.197 ug/ml
3) T 2-Methylnaphthalene (...)	6.998	1360653	10.144 ug/ml
5) T Acenaphthylene (C15.06)	8.273	1346332	10.237 ug/ml
7) T Acenaphthene (C15.5)	8.568	1384467	10.196 ug/ml
8) T Flouorene (C16.55)	9.348	1368566	10.220 ug/ml
9) T Phenanthrene (C19.36)	10.744	1384033	10.267 ug/ml
10) T Anthracene (C19.43)	10.818	1348612	10.255 ug/ml
12) T Fluoranthene (C21.85)	12.553	1400360	10.374 ug/ml
13) T Pyrene (C20.8)	12.850	1380653	10.360 ug/ml
14) T Benzo[a]anthracene (C...	14.719	1266746	10.249 ug/ml
15) T Chrysene (C27.41)	14.761	1299373	10.296 ug/ml
16) T benzo[b]fluoranthene ...	16.266	1215590	10.189 ug/ml
17) T Bnezo[k]fluoranthene ...	16.298	1176411	10.242 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.643	1101263	10.185 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.005	1092442	9.972 ug/ml
20) T Dibenz[a,h]anthracene...	18.046	1120757	10.516 ug/ml
21) T Benzo[g,h,i]perylene ...	18.258	1105390	10.214 ug/ml

(f)=RT Delta > 1/2 Window

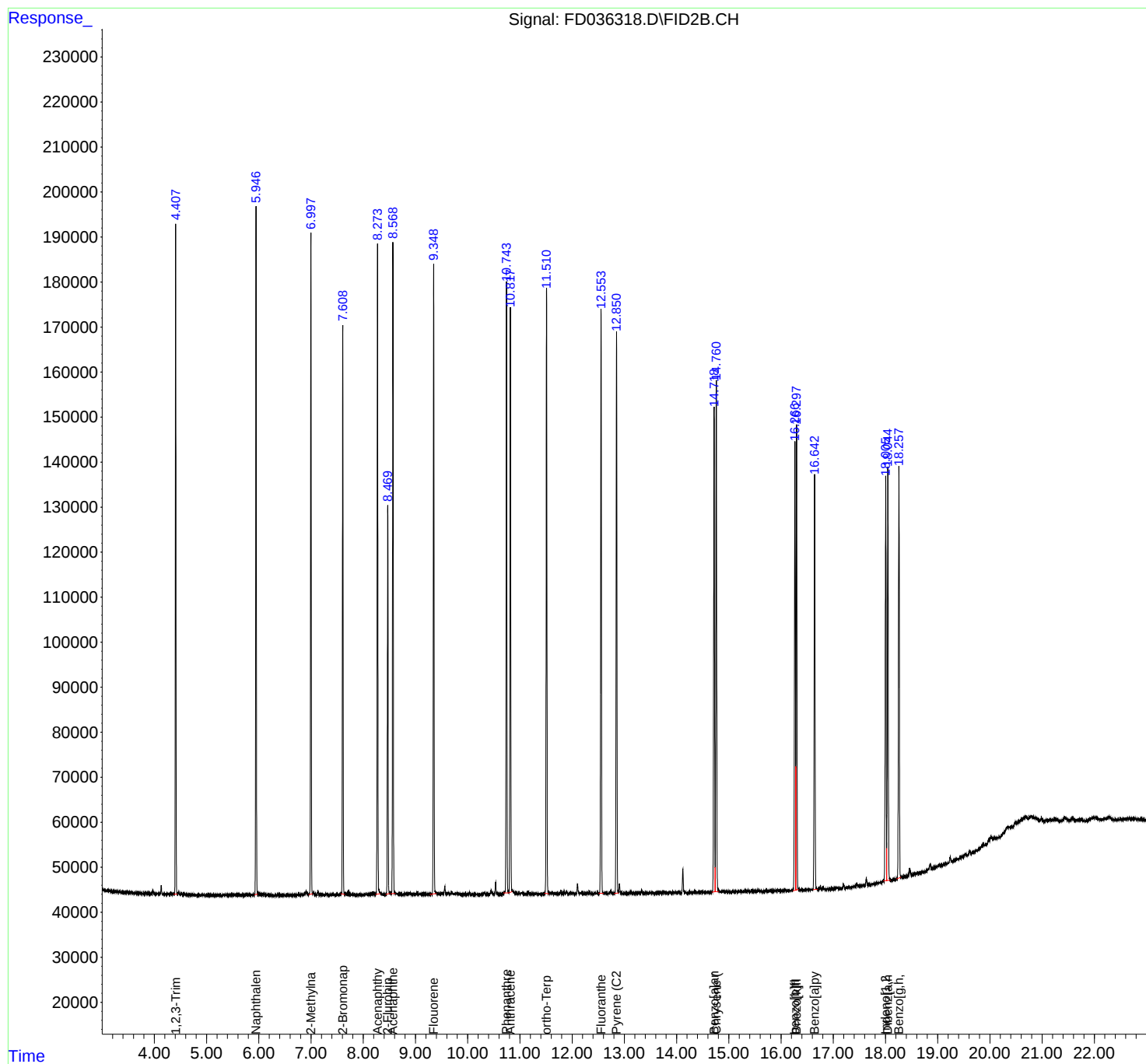
(m)=manual int.

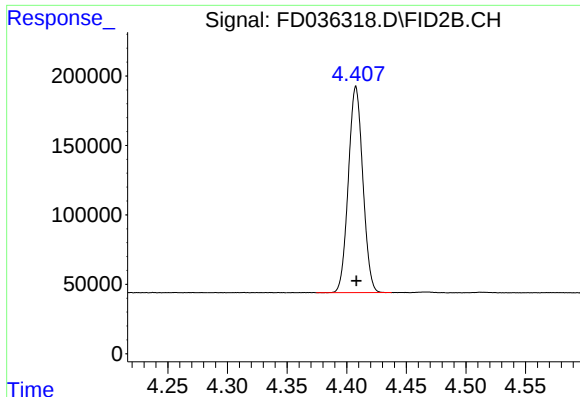
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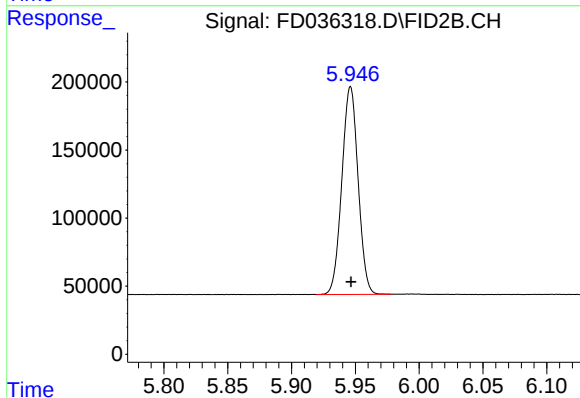




#1 1,2,3-Trimethylbenzene (C10.1)

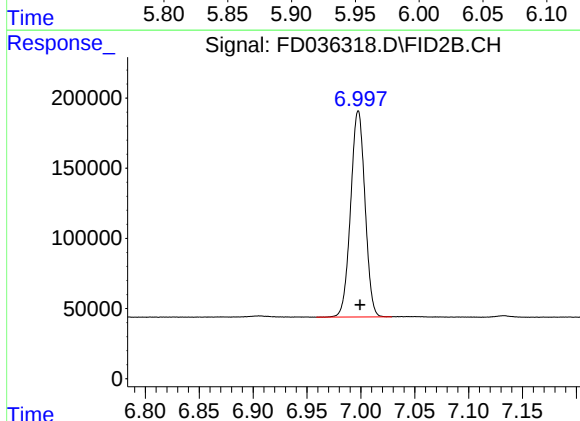
R.T.: 4.408 min
Delta R.T.: 0.000 min
Response: 1253237
Conc: 10.25 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



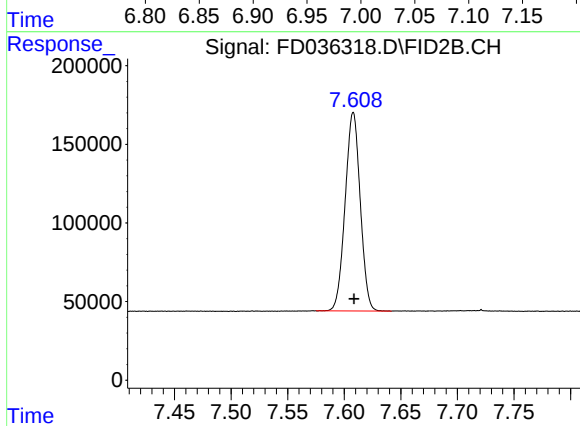
#2 Naphthalene (C11.7)

R.T.: 5.946 min
Delta R.T.: 0.000 min
Response: 1353001
Conc: 10.20 ug/ml



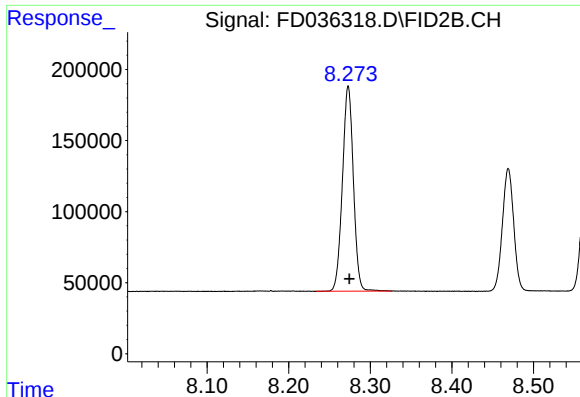
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.998 min
Delta R.T.: -0.001 min
Response: 1360653
Conc: 10.14 ug/ml



#4 2-Bromonaphthalene (SURR)

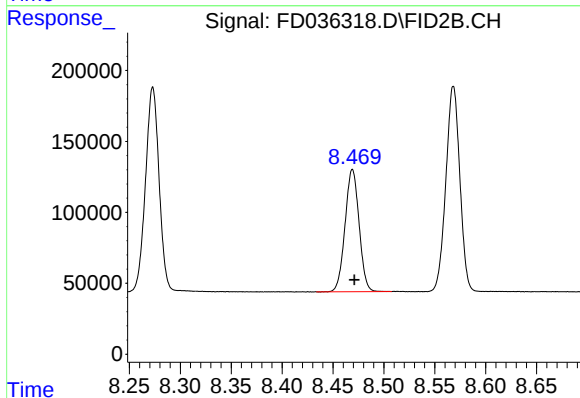
R.T.: 7.608 min
Delta R.T.: 0.000 min
Response: 1173482
Conc: 10.12 ug/ml



#5 Acenaphthylene (C15.06)

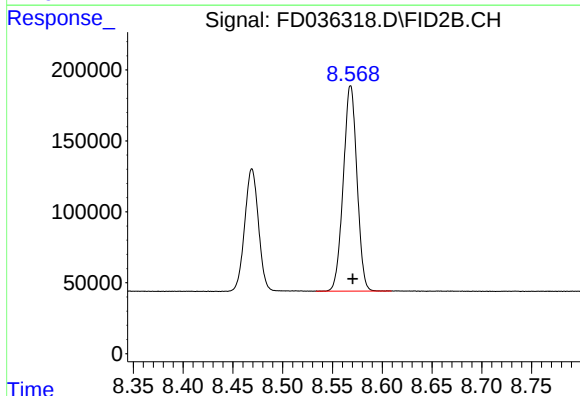
R.T.: 8.273 min
Delta R.T.: -0.002 min
Response: 1346332
Conc: 10.24 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



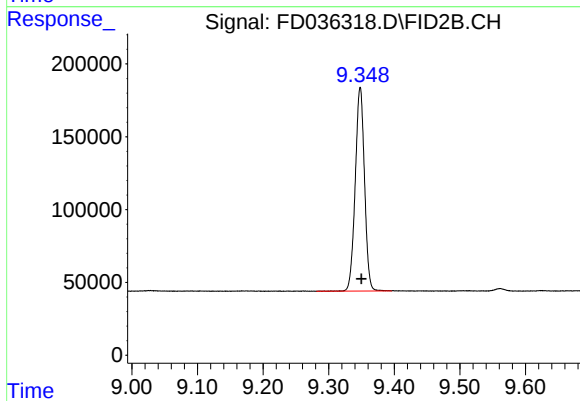
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.469 min
Delta R.T.: -0.002 min
Response: 826882
Conc: 10.03 ug/ml



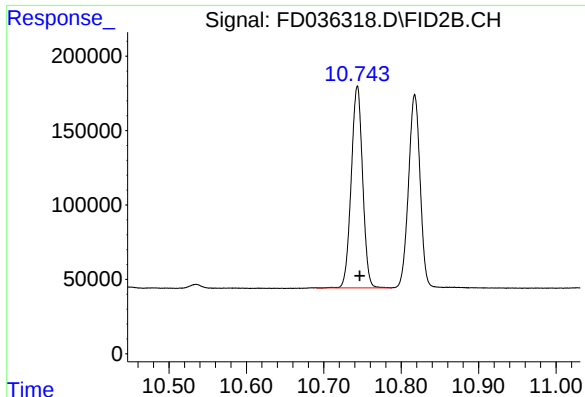
#7 Acenaphthene (C15.5)

R.T.: 8.568 min
Delta R.T.: -0.002 min
Response: 1384467
Conc: 10.20 ug/ml



#8 Flouorene (C16.55)

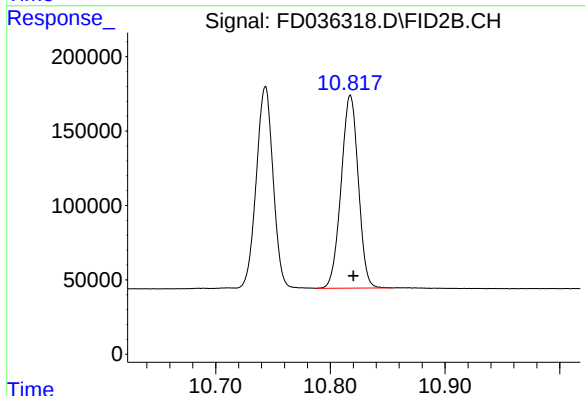
R.T.: 9.348 min
Delta R.T.: -0.002 min
Response: 1368566
Conc: 10.22 ug/ml



#9 Phenanthrene (C19.36)

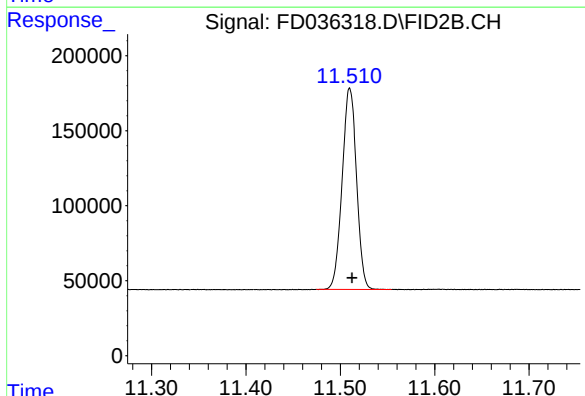
R.T.: 10.744 min
Delta R.T.: -0.003 min
Response: 1384033
Conc: 10.27 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



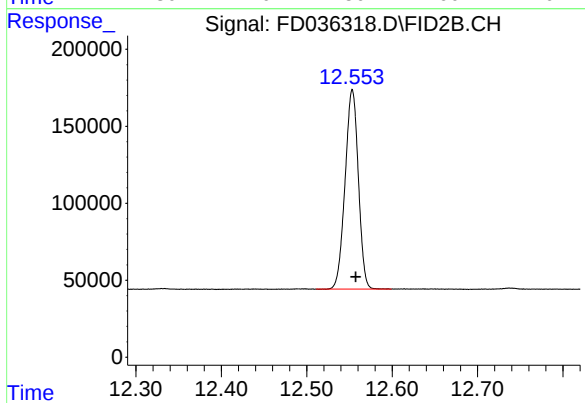
#10 Anthracene (C19.43)

R.T.: 10.818 min
Delta R.T.: -0.003 min
Response: 1348612
Conc: 10.26 ug/ml



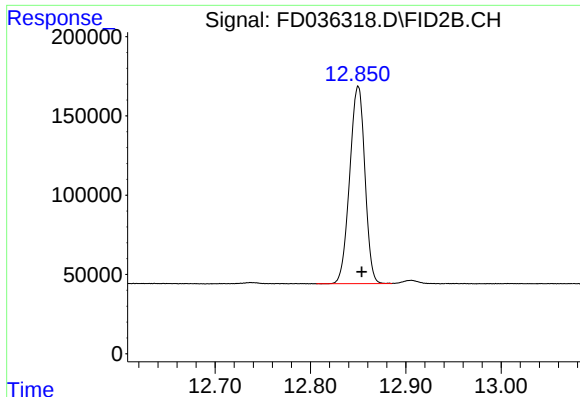
#11 ortho-Terphenyl (SURR)

R.T.: 11.510 min
Delta R.T.: -0.002 min
Response: 1420094
Conc: 10.39 ug/ml



#12 Fluoranthene (C21.85)

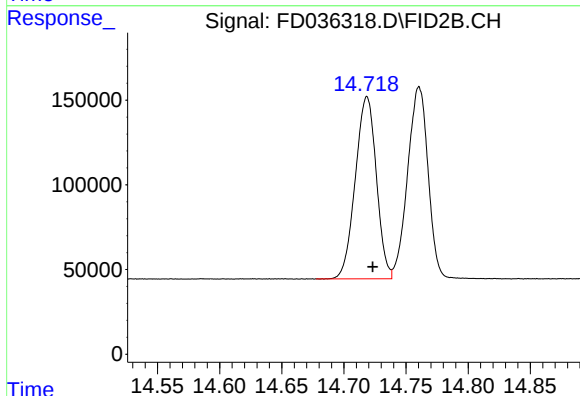
R.T.: 12.553 min
Delta R.T.: -0.004 min
Response: 1400360
Conc: 10.37 ug/ml



#13 Pyrene (C20.8)

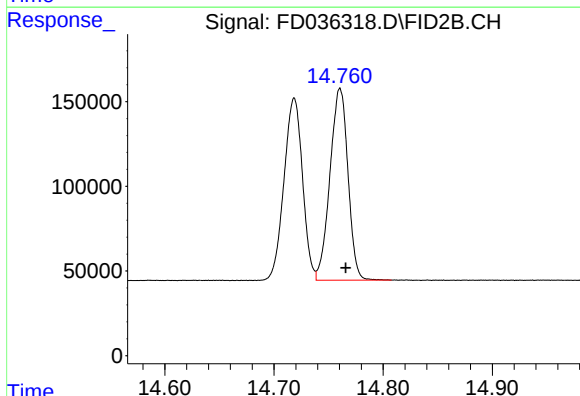
R.T.: 12.850 min
Delta R.T.: -0.003 min
Response: 1380653
Conc: 10.36 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4



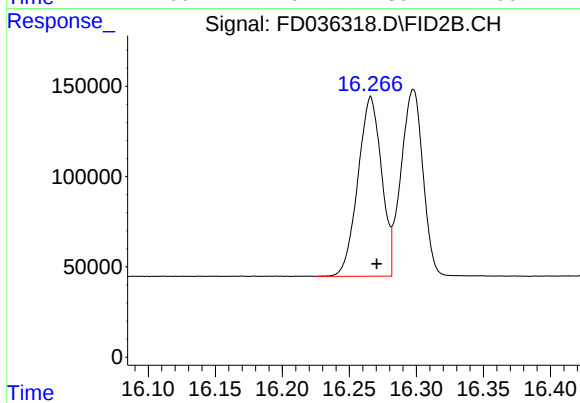
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.719 min
Delta R.T.: -0.005 min
Response: 1266746
Conc: 10.25 ug/ml



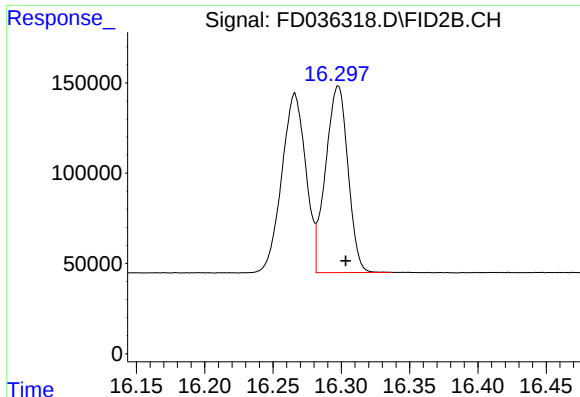
#15 Chrysene (C27.41)

R.T.: 14.761 min
Delta R.T.: -0.005 min
Response: 1299373
Conc: 10.30 ug/ml



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

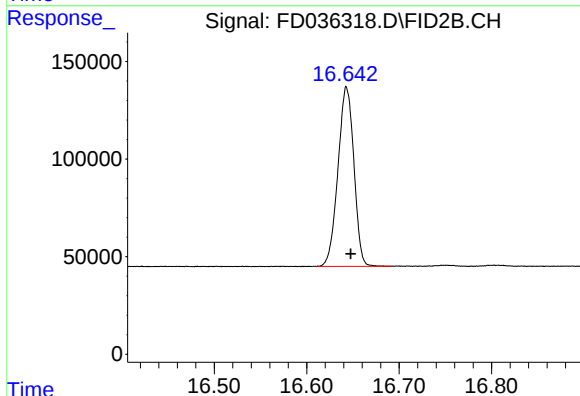
R.T.: 16.266 min
Delta R.T.: -0.004 min
Response: 1215590
Conc: 10.19 ug/ml



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

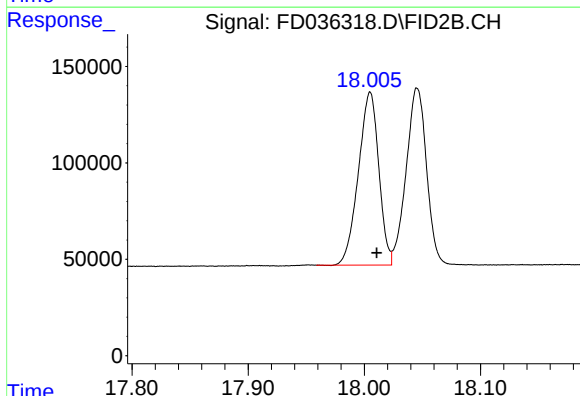
R.T.: 16.298 min
Delta R.T.: -0.006 min
Response: 1176411
Conc: 10.24 ug/ml

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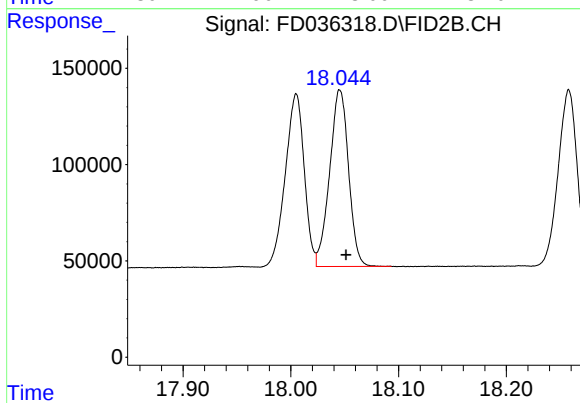
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.643 min
Delta R.T.: -0.005 min
Response: 1101263
Conc: 10.19 ug/ml



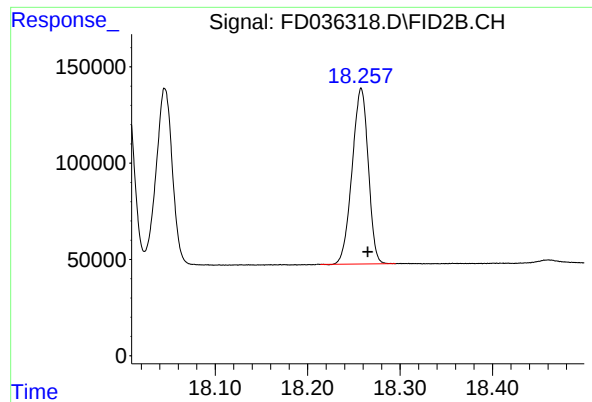
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.005 min
Delta R.T.: -0.006 min
Response: 1092442
Conc: 9.97 ug/ml



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

R.T.: 18.046 min
Delta R.T.: -0.006 min
Response: 1120757
Conc: 10.52 ug/ml



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

R.T.: 18.258 min
Delta R.T.: -0.007 min
Response: 1105390
Conc: 10.21 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM AROMATIC HC STD4