

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020420AR\
 Data File : FD032278.D
 Signal(s) : FID2B.CH
 Acq On : 04 Feb 2020 23:52
 Operator : DD\AJ
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 5 PPM AROMATIC HC STD5

Integration File: autoint1.e
 Quant Time: Feb 05 03:17:55 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020420.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 05 03:12:32 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...	7.632	735122	5.419 ug/ml
Spiked Amount 50.000		Recovery =	10.84%
6) S 2-Fluorobiphenyl (SURR)	8.494	490384	5.218 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	10.44%
11) S ortho-Terphenyl (SURR)	11.531	804115	5.525 ug/ml
Spiked Amount 50.000		Recovery =	11.05%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.436	778188	5.548 ug/ml
2) T Naphthalene (C11.7)	5.973	803209	5.389 ug/ml
3) T 2-Methylnaphthalene (...)	7.023	799793	5.366 ug/ml
5) T Acenaphthylene (C15.06)	8.297	781781	5.409 ug/ml
7) T Acenaphthene (C15.5)	8.591	785538	5.242 ug/ml
8) T Fluorene (C16.55)	9.371	773354	5.189 ug/ml
9) T Phenanthrene (C19.36)	10.766	803914	5.378 ug/ml
10) T Anthracene (C19.43)	10.840	790456	5.344 ug/ml
12) T Fluoranthene (C21.85)	12.576	813078	5.445 ug/ml
13) T Pyrene (C20.8)	12.873	805907	5.443 ug/ml
14) T Benzo[a]anthracene (C...	14.743	773649	5.515 ug/ml
15) T Chrysene (C27.41)	14.784	792101	5.619 ug/ml
16) T benzo[b]fluoranthene ...	16.292	756105	5.518 ug/ml
17) T Bnezo[k]fluoranthene ...	16.323	775228	5.665 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.671	750825	5.563 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.035	685149	5.335 ug/ml
20) T Dibenz[a,h]anthracene...	18.075	751924	5.747 ug/ml
21) T Benzo[g,h,i]perylene ...	18.288	682616	5.372 ug/ml

(f)=RT Delta > 1/2 Window

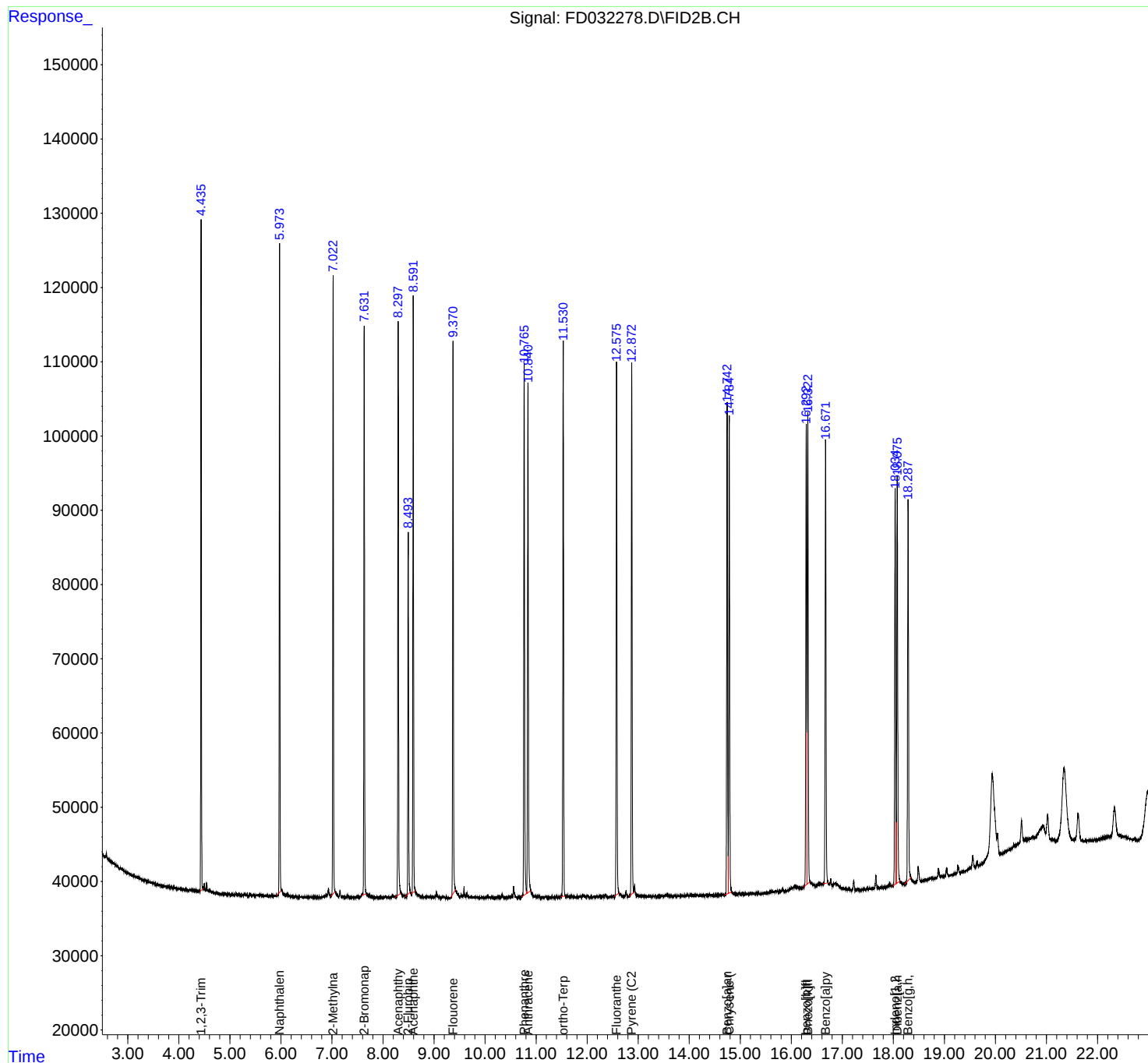
(m)=manual int.

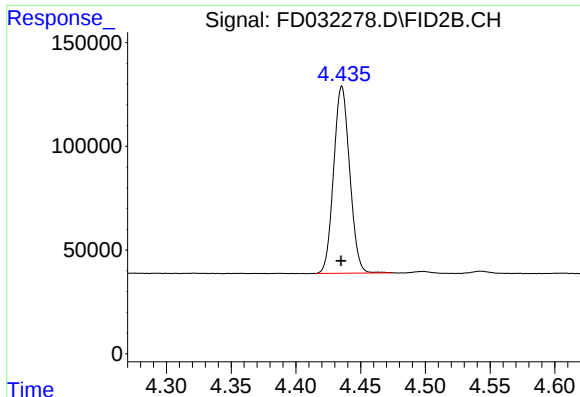
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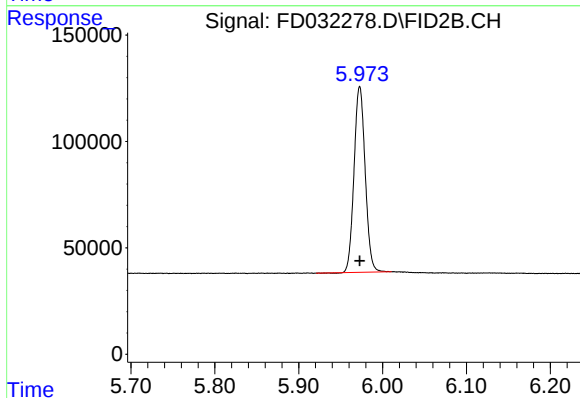




#1 1,2,3-Trimethylbenzene (C10.1)

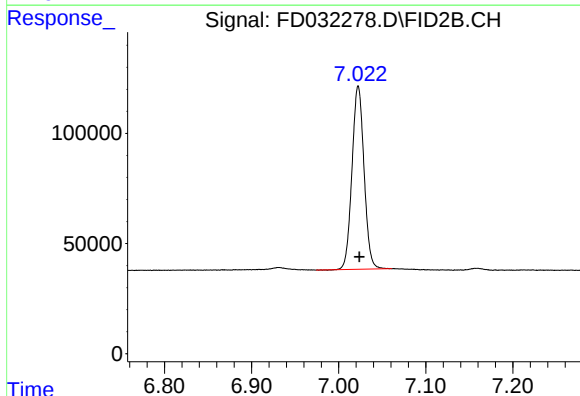
R.T.: 4.436 min
Delta R.T.: 0.000 min
Response: 778188
Conc: 5.55 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



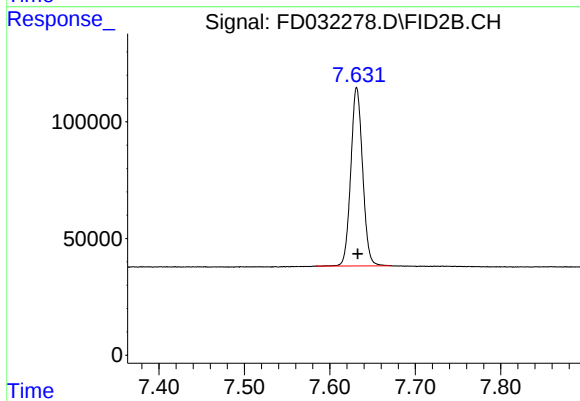
#2 Naphthalene (C11.7)

R.T.: 5.973 min
Delta R.T.: 0.000 min
Response: 803209
Conc: 5.39 ug/ml



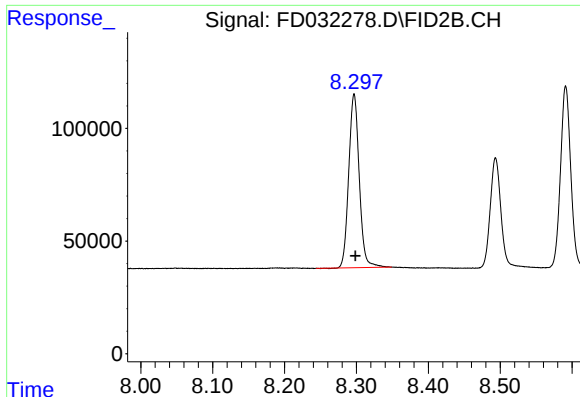
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.023 min
Delta R.T.: -0.001 min
Response: 799793
Conc: 5.37 ug/ml



#4 2-Bromonaphthalene (SURR)

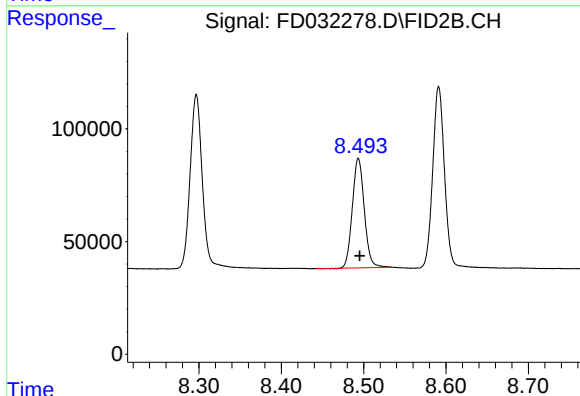
R.T.: 7.632 min
Delta R.T.: -0.001 min
Response: 735122
Conc: 5.42 ug/ml



#5 Acenaphthylene (C15.06)

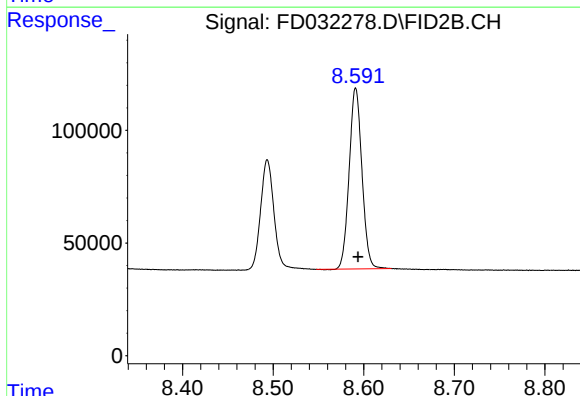
R.T.: 8.297 min
Delta R.T.: -0.002 min
Response: 781781
Conc: 5.41 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



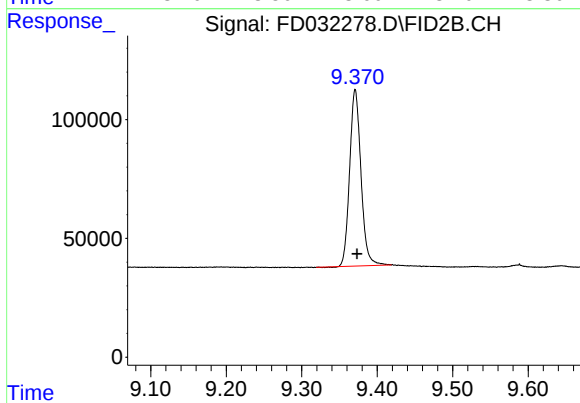
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.494 min
Delta R.T.: -0.002 min
Response: 490384
Conc: 5.22 ug/ml



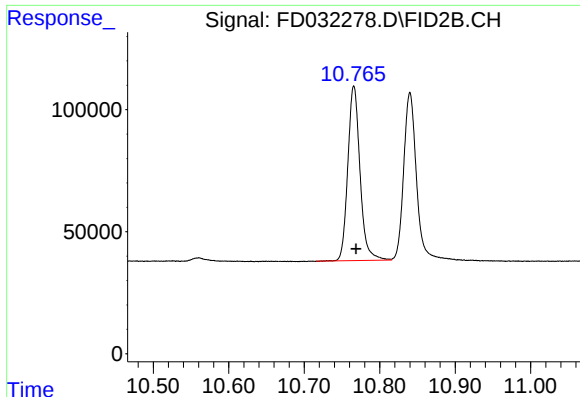
#7 Acenaphthene (C15.5)

R.T.: 8.591 min
Delta R.T.: -0.003 min
Response: 785538
Conc: 5.24 ug/ml



#8 Flouorene (C16.55)

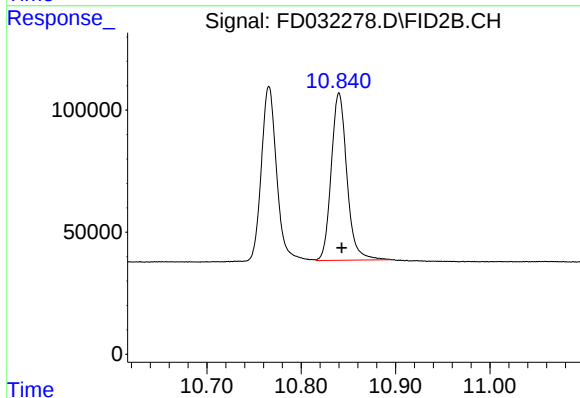
R.T.: 9.371 min
Delta R.T.: -0.002 min
Response: 773354
Conc: 5.19 ug/ml



#9 Phenanthrene (C19.36)

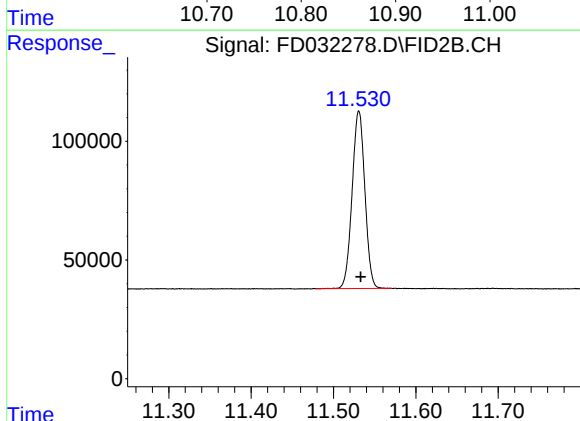
R.T.: 10.766 min
Delta R.T.: -0.003 min
Response: 803914
Conc: 5.38 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



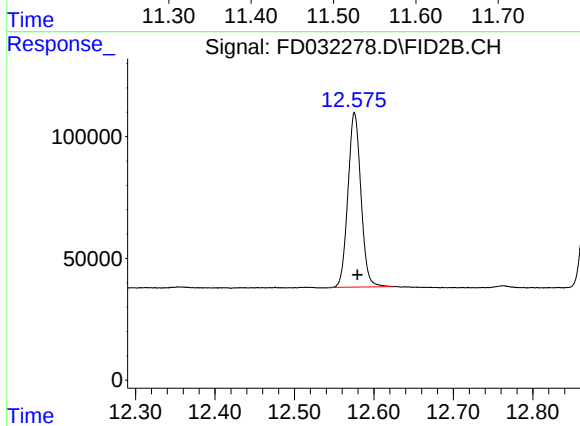
#10 Anthracene (C19.43)

R.T.: 10.840 min
Delta R.T.: -0.003 min
Response: 790456
Conc: 5.34 ug/ml



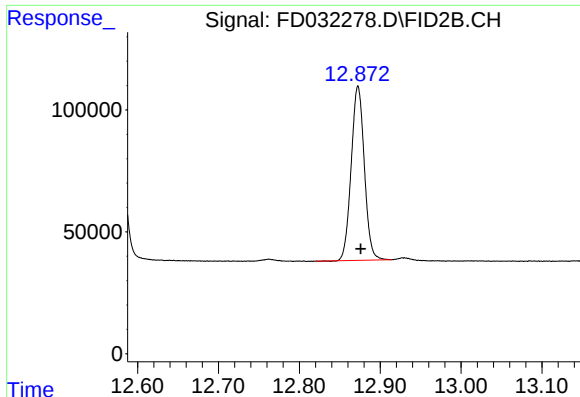
#11 ortho-Terphenyl (SURR)

R.T.: 11.531 min
Delta R.T.: -0.002 min
Response: 804115
Conc: 5.52 ug/ml



#12 Fluoranthene (C21.85)

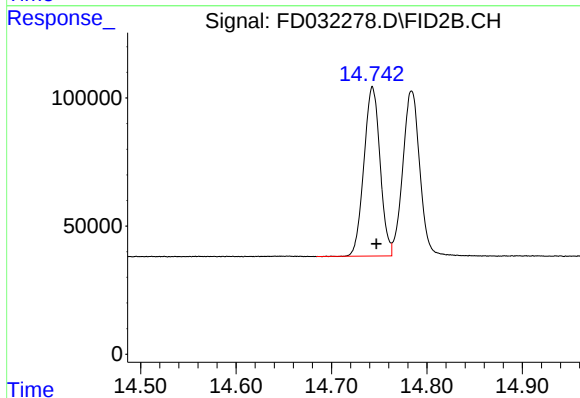
R.T.: 12.576 min
Delta R.T.: -0.004 min
Response: 813078
Conc: 5.45 ug/ml



#13 Pyrene (C20.8)

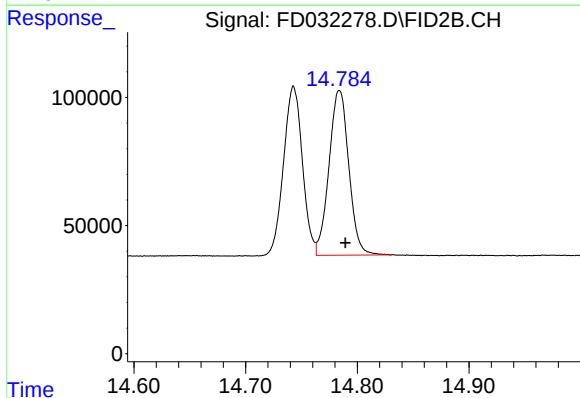
R.T.: 12.873 min
Delta R.T.: -0.003 min
Response: 805907
Conc: 5.44 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



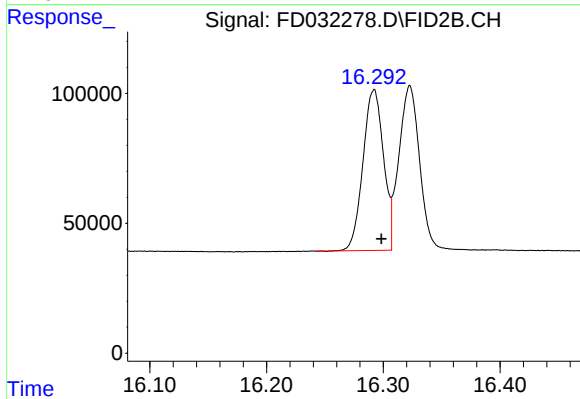
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.743 min
Delta R.T.: -0.004 min
Response: 773649
Conc: 5.52 ug/ml



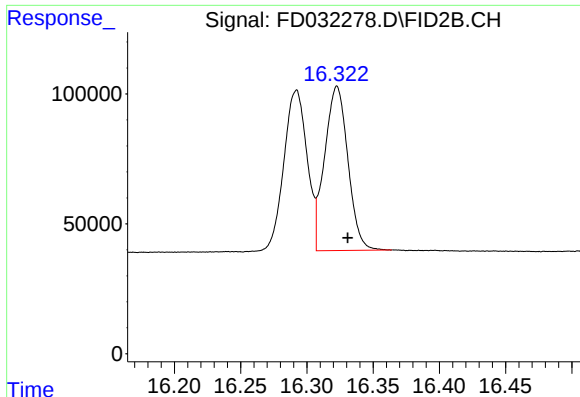
#15 Chrysene (C27.41)

R.T.: 14.784 min
Delta R.T.: -0.005 min
Response: 792101
Conc: 5.62 ug/ml



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

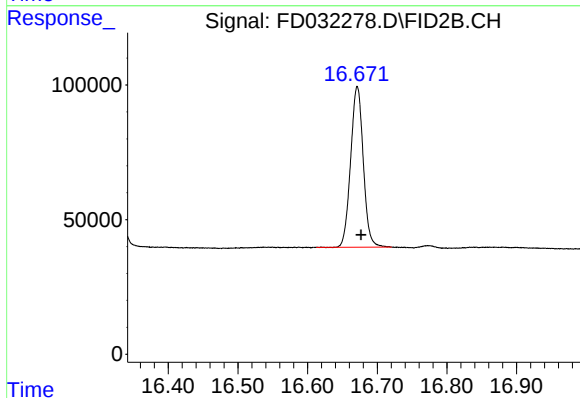
R.T.: 16.292 min
Delta R.T.: -0.006 min
Response: 756105
Conc: 5.52 ug/ml



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

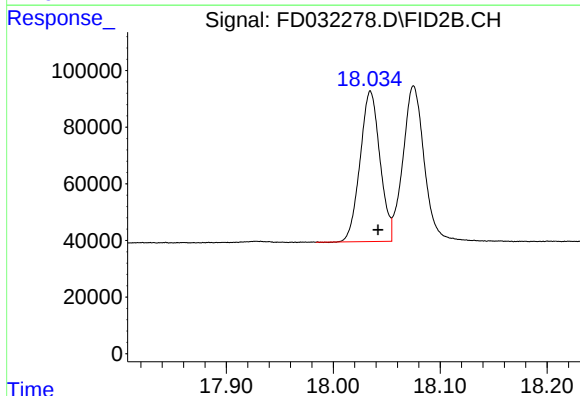
R.T.: 16.323 min
Delta R.T.: -0.008 min
Response: 775228
Conc: 5.66 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5



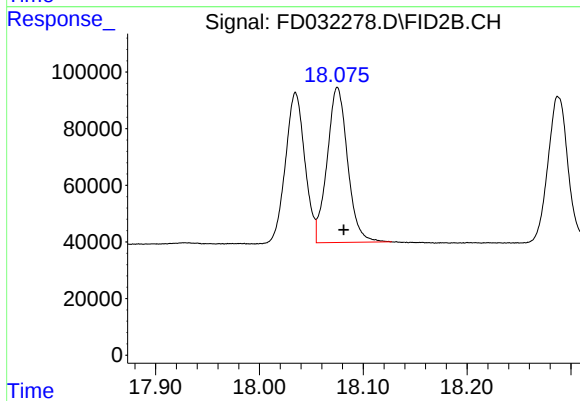
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.671 min
Delta R.T.: -0.006 min
Response: 750825
Conc: 5.56 ug/ml



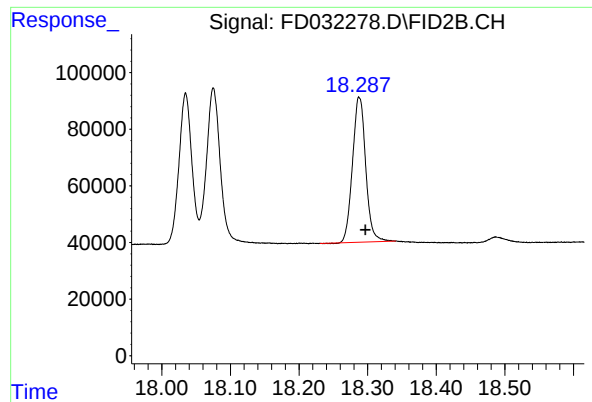
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.035 min
Delta R.T.: -0.007 min
Response: 685149
Conc: 5.33 ug/ml



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

R.T.: 18.075 min
Delta R.T.: -0.006 min
Response: 751924
Conc: 5.75 ug/ml



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

R.T.: 18.288 min
Delta R.T.: -0.009 min
Response: 682616
Conc: 5.37 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM AROMATIC HC STD5