

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD110719AR\
 Data File : FD031363.D
 Signal(s) : FID2B.CH
 Acq On : 07 Nov 2019 8:49
 Operator : DD\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: Nov 07 11:29:20 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 110519.M
 Quant Title : GC Extractables
 QLast Update : Wed Nov 06 03:03:26 2019
 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...	7.635	2502739	21.025 ug/ml
Spiked Amount 50.000		Recovery =	42.05%
6) S 2-Fluorobiphenyl (SURR)	8.494	1720360	20.880 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.76%
11) S ortho-Terphenyl (SURR)	11.535	2623868	20.504 ug/ml
Spiked Amount 50.000		Recovery =	41.01%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.434	2587466	21.556 ug/ml
2) T Naphthalene (C11.7)	5.972	2762795	21.458 ug/ml
3) T 2-Methylnaphthalene (...)	7.024	2736781	21.310 ug/ml
5) T Acenaphthylene (C15.06)	8.298	2626621	20.865 ug/ml
7) T Acenaphthene (C15.5)	8.594	2733010	20.873 ug/ml
8) T Flouorene (C16.55)	9.373	2712198	20.744 ug/ml
9) T Phenanthrene (C19.36)	10.767	2692719	20.437 ug/ml
10) T Anthracene (C19.43)	10.841	2605680	20.208 ug/ml
12) T Fluoranthene (C21.85)	12.575	2706369	20.421 ug/ml
13) T Pyrene (C20.8)	12.873	2686756	20.401 ug/ml
14) T Benzo[a]anthracene (C...	14.783	2571443	20.314 ug/ml
15) T Chrysene (C27.41)	14.783	2571443	20.274 ug/ml
16) T benzo[b]fluoranthene ...	16.319	2529575	20.151 ug/ml
17) T Bnezo[k]fluoranthene ...	16.319	2529575	20.101 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.665	2514106	20.259 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.066	2472976	20.331 ug/ml
20) T Dibenz[a,h]anthracene...	18.066	2472976	19.972 ug/ml
21) T Benzo[g,h,i]perylene ...	18.280	2447980	20.293 ug/ml

(f)=RT Delta > 1/2 Window

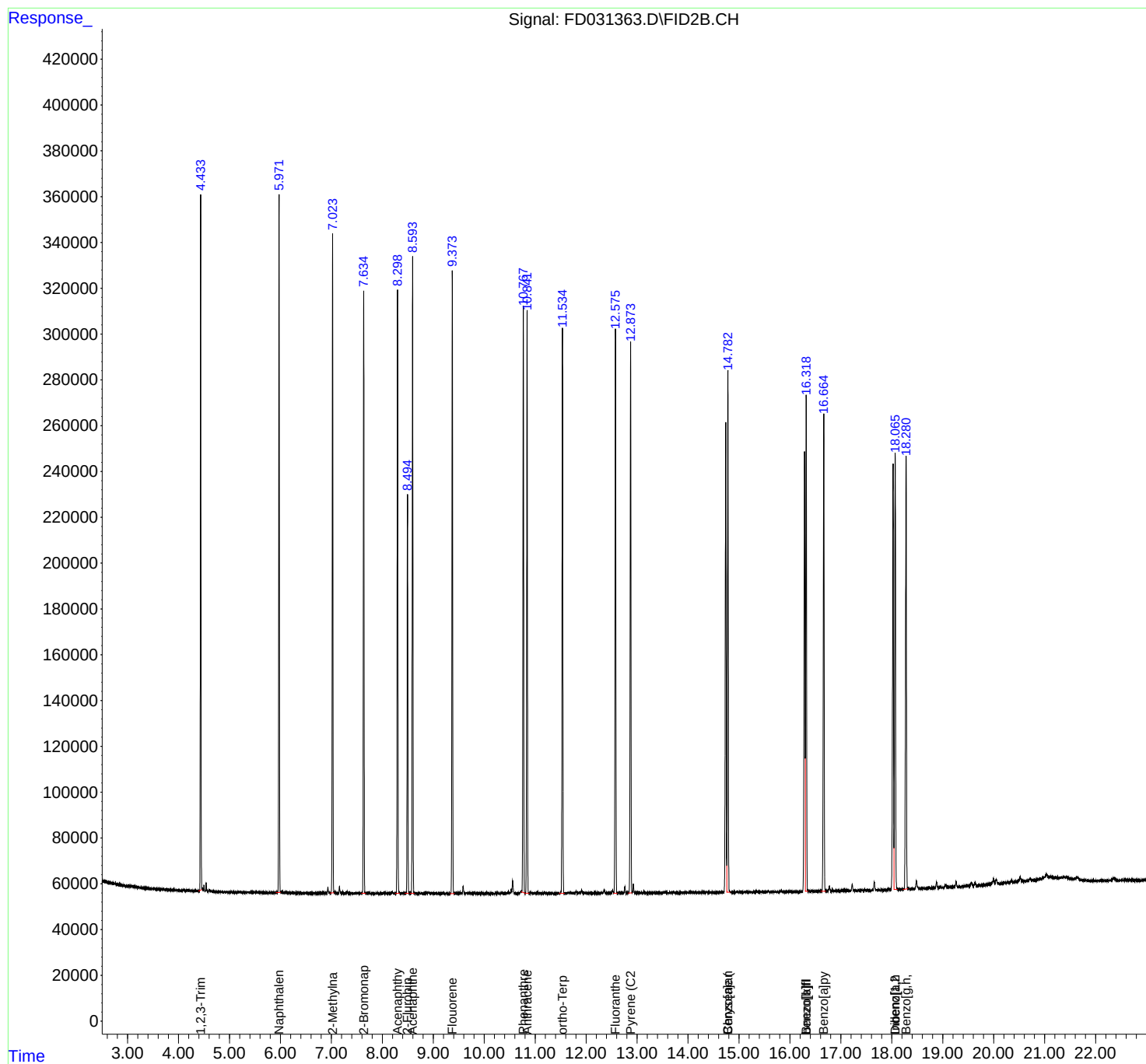
(m)=manual int.

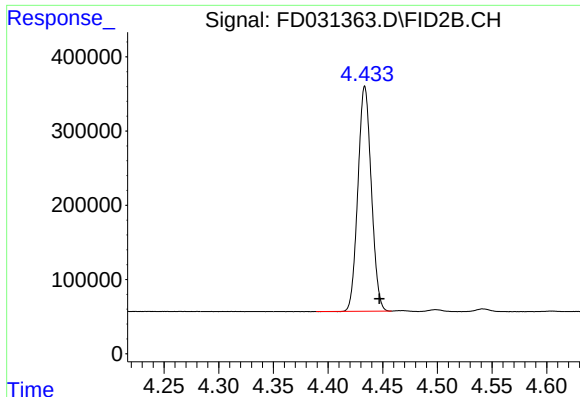
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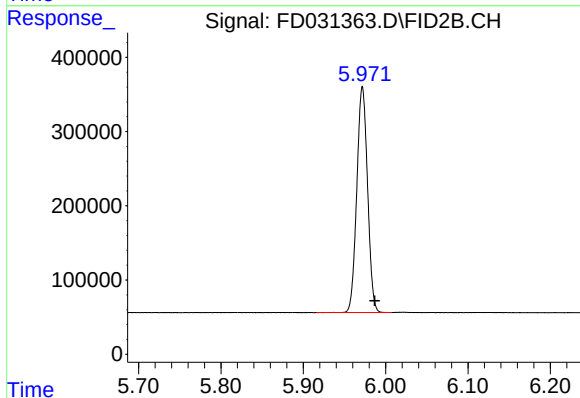




#1 1,2,3-Trimethylbenzene (C10.1)

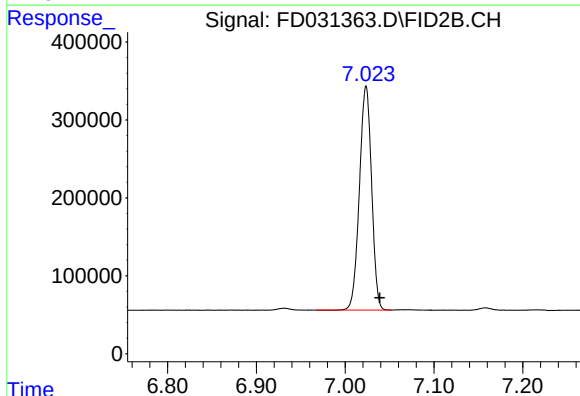
R.T.: 4.434 min
Delta R.T.: -0.013 min
Response: 2587466
Conc: 21.56 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



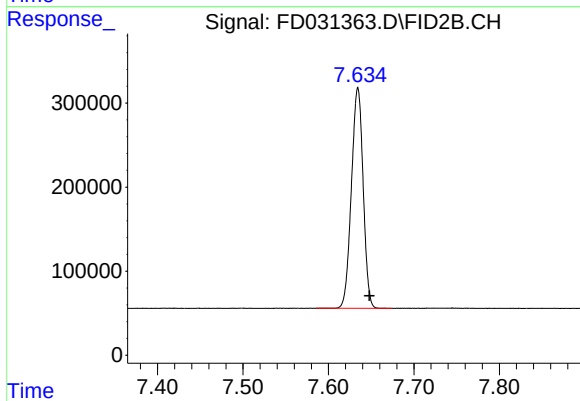
#2 Naphthalene (C11.7)

R.T.: 5.972 min
Delta R.T.: -0.015 min
Response: 2762795
Conc: 21.46 ug/ml



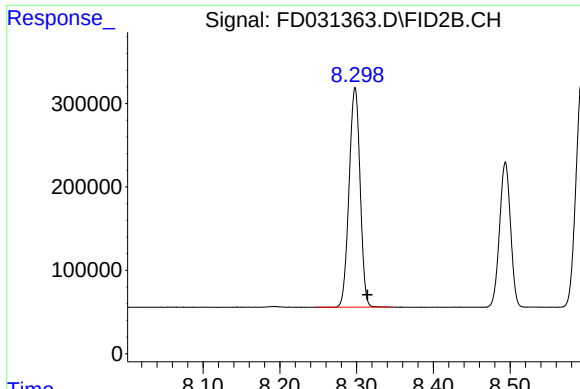
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.024 min
Delta R.T.: -0.015 min
Response: 2736781
Conc: 21.31 ug/ml



#4 2-Bromonaphthalene (SURR)

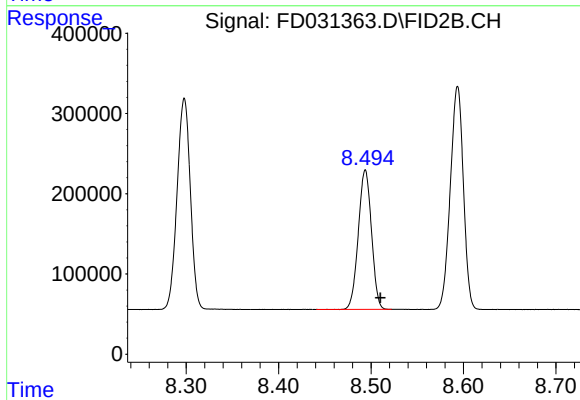
R.T.: 7.635 min
Delta R.T.: -0.014 min
Response: 2502739
Conc: 21.03 ug/ml



#5 Acenaphthylene (C15.06)

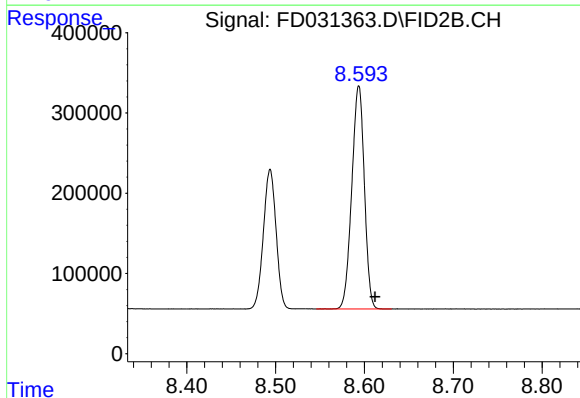
R.T.: 8.298 min
Delta R.T.: -0.016 min
Response: 2626621
Conc: 20.86 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



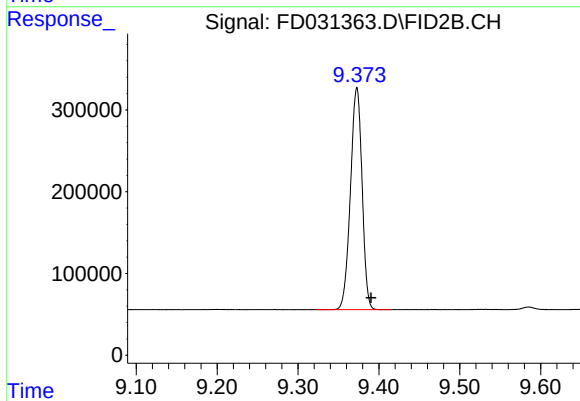
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.494 min
Delta R.T.: -0.016 min
Response: 1720360
Conc: 20.88 ug/ml



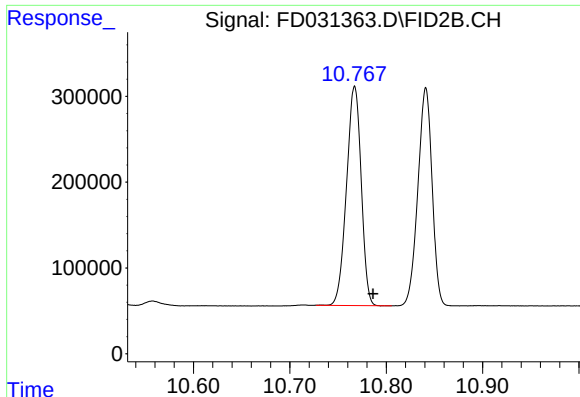
#7 Acenaphthene (C15.5)

R.T.: 8.594 min
Delta R.T.: -0.018 min
Response: 2733010
Conc: 20.87 ug/ml



#8 Fluorene (C16.55)

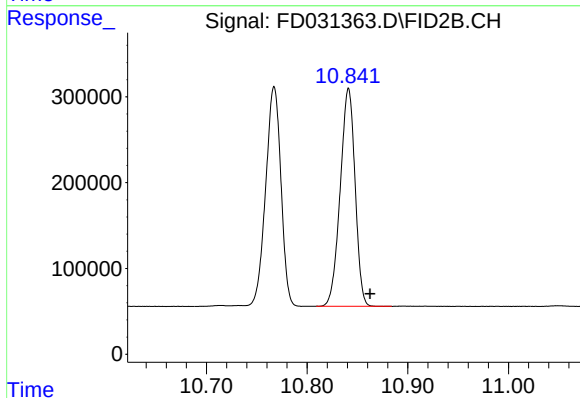
R.T.: 9.373 min
Delta R.T.: -0.018 min
Response: 2712198
Conc: 20.74 ug/ml



#9 Phenanthrene (C19.36)

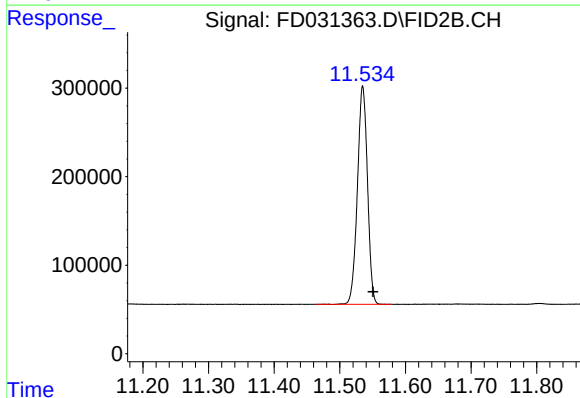
R.T.: 10.767 min
Delta R.T.: -0.019 min
Response: 2692719
Conc: 20.44 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



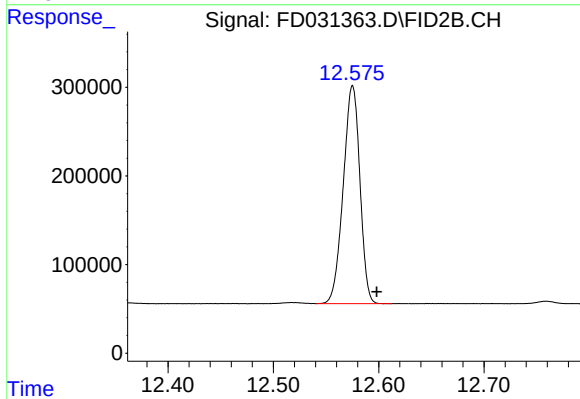
#10 Anthracene (C19.43)

R.T.: 10.841 min
Delta R.T.: -0.021 min
Response: 2605680
Conc: 20.21 ug/ml



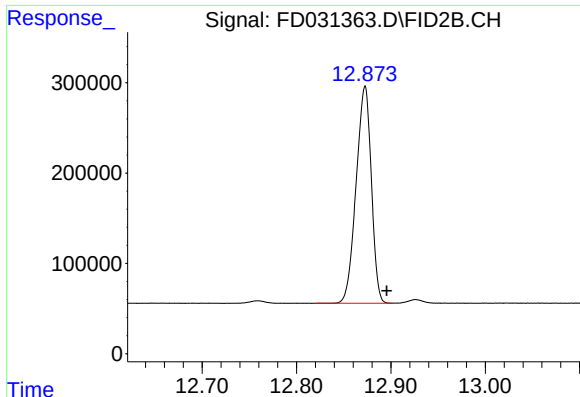
#11 ortho-Terphenyl (SURR)

R.T.: 11.535 min
Delta R.T.: -0.016 min
Response: 2623868
Conc: 20.50 ug/ml



#12 Fluoranthene (C21.85)

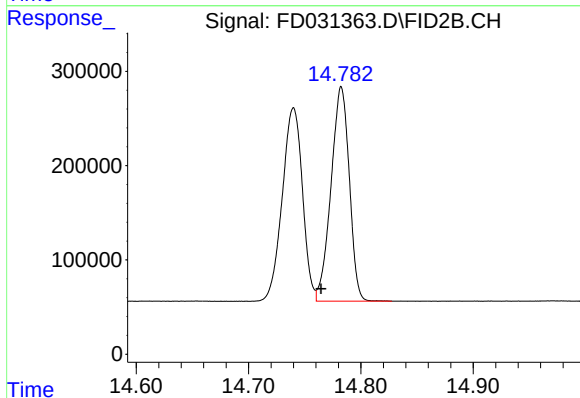
R.T.: 12.575 min
Delta R.T.: -0.023 min
Response: 2706369
Conc: 20.42 ug/ml



#13 Pyrene (C20.8)

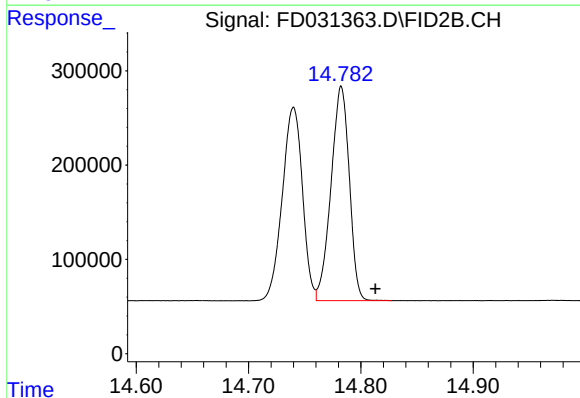
R.T.: 12.873 min
Delta R.T.: -0.023 min
Response: 2686756
Conc: 20.40 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



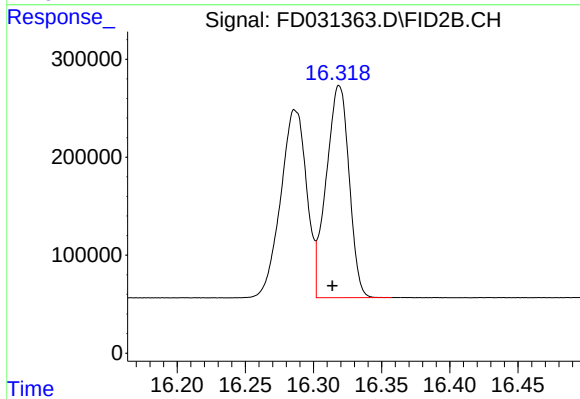
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.783 min
Delta R.T.: 0.018 min
Response: 2571443
Conc: 20.31 ug/ml



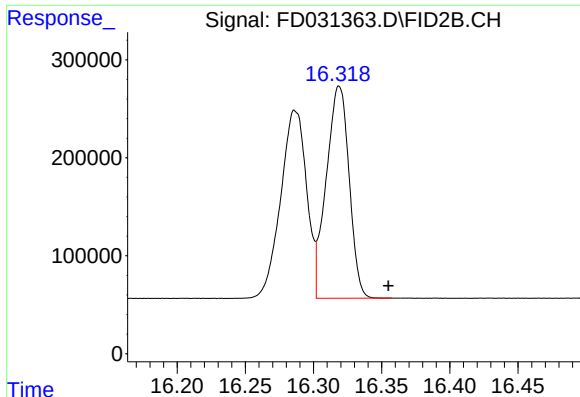
#15 Chrysene (C27.41)

R.T.: 14.783 min
Delta R.T.: -0.030 min
Response: 2571443
Conc: 20.27 ug/ml



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

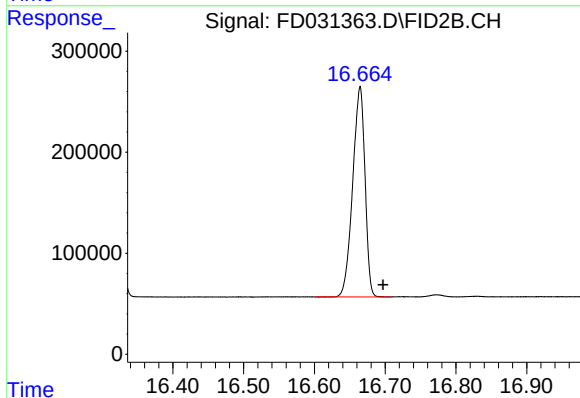
R.T.: 16.319 min
Delta R.T.: 0.005 min
Response: 2529575
Conc: 20.15 ug/ml



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

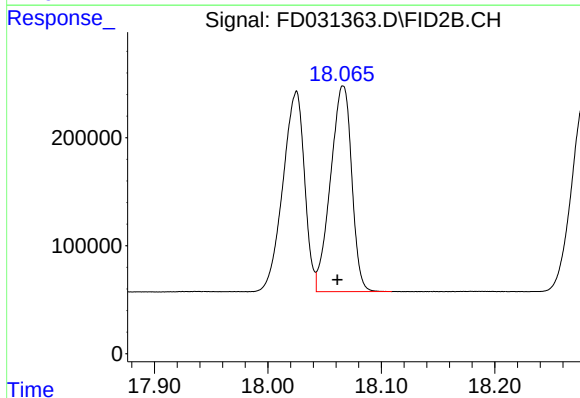
R.T.: 16.319 min
Delta R.T.: -0.036 min
Response: 2529575
Conc: 20.10 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



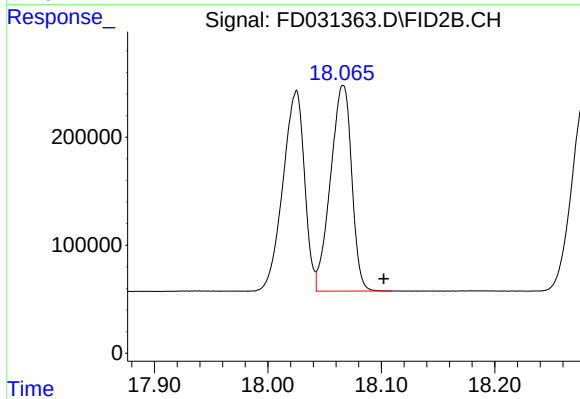
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.665 min
Delta R.T.: -0.032 min
Response: 2514106
Conc: 20.26 ug/ml



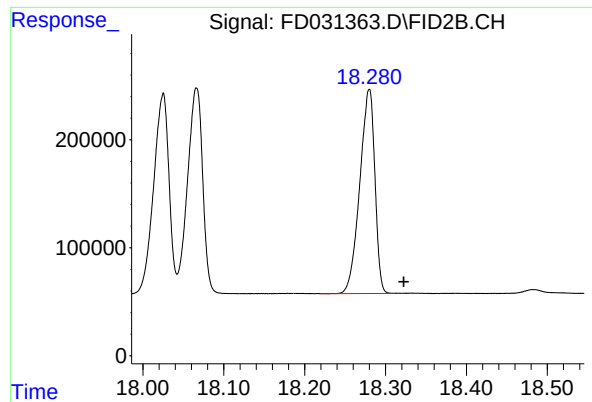
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.066 min
Delta R.T.: 0.005 min
Response: 2472976
Conc: 20.33 ug/ml



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

R.T.: 18.066 min
Delta R.T.: -0.036 min
Response: 2472976
Conc: 19.97 ug/ml



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

R.T.: 18.280 min
Delta R.T.: -0.043 min
Response: 2447980
Conc: 20.29 ug/ml

Instrument :
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ClientSampleId :
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