

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060722AR\
 Data File : FD042810.D
 Signal(s) : FID2B.CH
 Acq On : 07 Jun 2022 15:39
 Operator : UA/NP
 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: Jun 08 06:16:45 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 01 10:34:31 2022
 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...	7.663	3035882	19.867 ug/ml
Spiked Amount 50.000		Recovery =	39.73%
6) S 2-Fluorobiphenyl (SURR)	8.526	2009605	19.540 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.08%
11) S ortho-Terphenyl (SURR)	11.576	3326772	18.740 ug/ml
Spiked Amount 50.000		Recovery =	37.48%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.455	3393281	20.267 ug/ml
2) T Naphthalene (C11.7)	5.997	3482564	20.143 ug/ml
3) T 2-Methylnaphthalene (...)	7.051	3180614	19.945 ug/ml
5) T Acenaphthylene (C15.06)	8.330	3319865	19.215 ug/ml
7) T Acenaphthene (C15.5)	8.626	3332856	19.370 ug/ml
8) T Flouorene (C16.55)	9.408	3237787	19.286 ug/ml
9) T Phenanthrene (C19.36)	10.807	3065094	18.639 ug/ml
10) T Anthracene (C19.43)	10.882	2771161	18.131 ug/ml
12) T Fluoranthene (C21.85)	12.622	2806453	17.814 ug/ml
13) T Pyrene (C20.8)	12.919	2737188	17.581 ug/ml
14) T Benzo[a]anthracene (C...	14.792	2492864	18.696 ug/ml
15) T Chrysene (C27.41)	14.834	2507145	18.977 ug/ml
16) T benzo[b]fluoranthene ...	16.344	2593253	19.467 ug/ml
17) T Bnezo[k]fluoranthene ...	16.377	2458489	19.849 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.722	2467996	19.940 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.088	2323858	20.849 ug/ml
20) T Dibenz[a,h]anthracene...	18.131	2517363	22.631 ug/ml
21) T Benzo[g,h,i]perylene ...	18.344	2480992	20.874 ug/ml

(f)=RT Delta > 1/2 Window

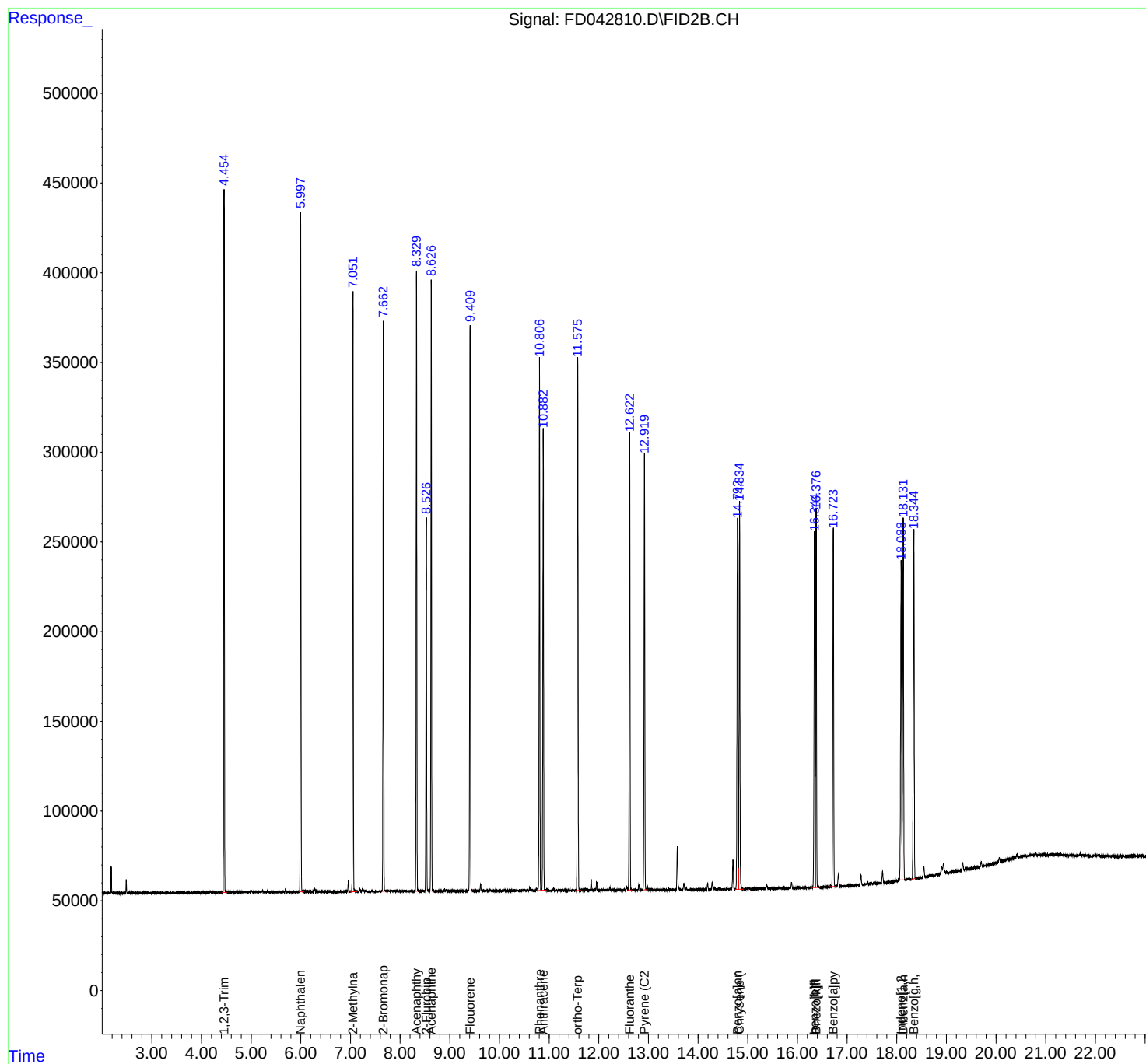
(m)=manual int.

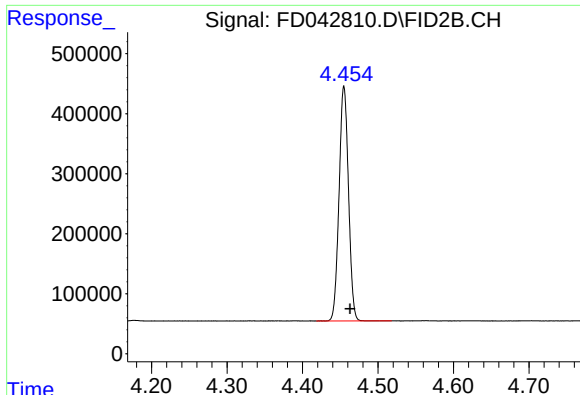
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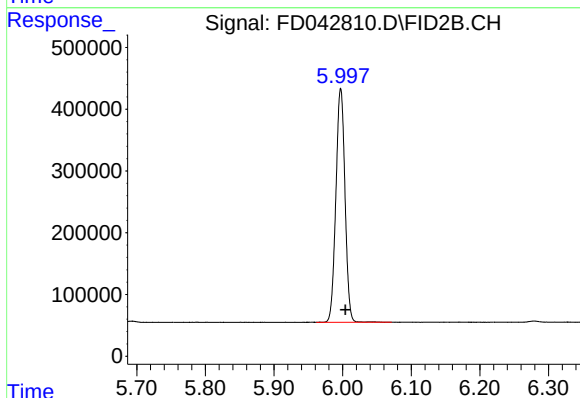




#1 1,2,3-Trimethylbenzene (C10.1)

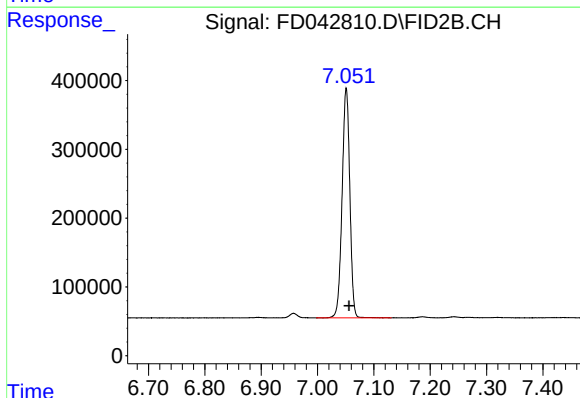
R.T.: 4.455 min
Delta R.T.: -0.008 min
Response: 3393281
Conc: 20.27 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



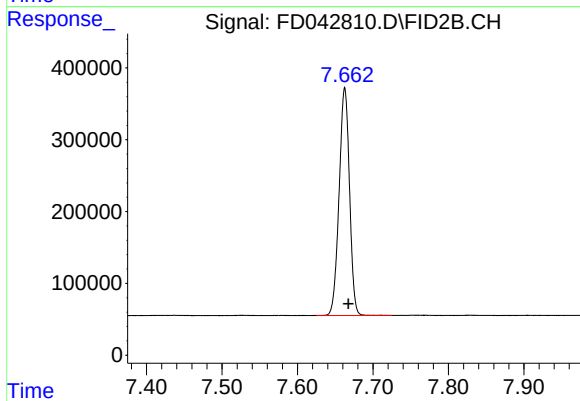
#2 Naphthalene (C11.7)

R.T.: 5.997 min
Delta R.T.: -0.007 min
Response: 3482564
Conc: 20.14 ug/ml



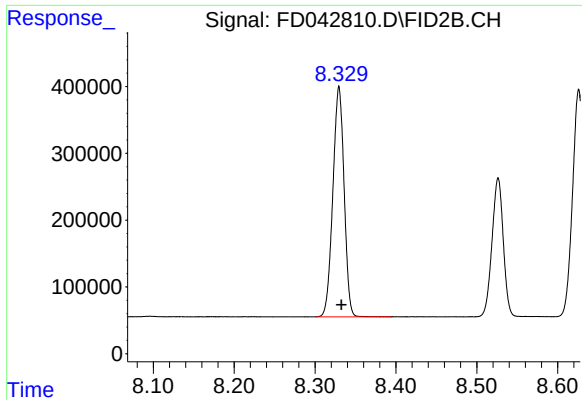
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.051 min
Delta R.T.: -0.005 min
Response: 3180614
Conc: 19.95 ug/ml



#4 2-Bromonaphthalene (SURR)

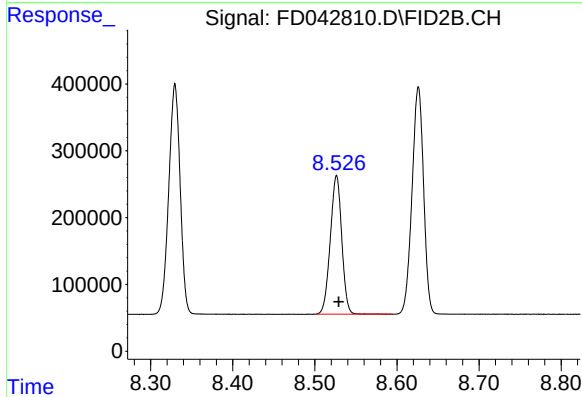
R.T.: 7.663 min
Delta R.T.: -0.005 min
Response: 3035882
Conc: 19.87 ug/ml



#5 Acenaphthylene (C15.06)

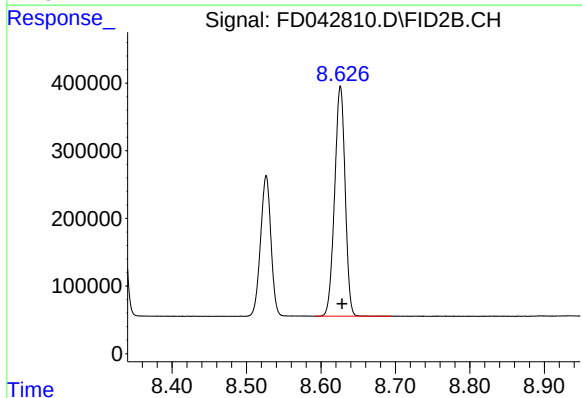
R.T.: 8.330 min
Delta R.T.: -0.003 min
Response: 3319865
Conc: 19.22 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



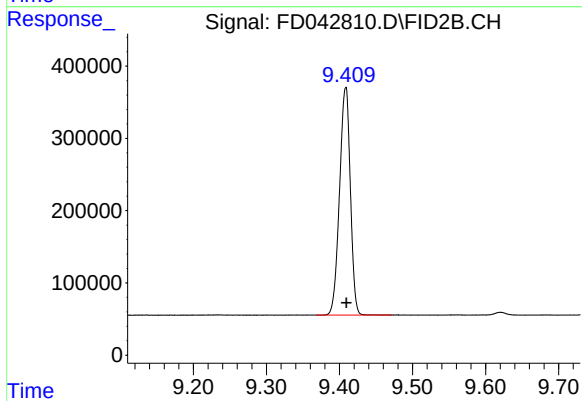
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.526 min
Delta R.T.: -0.003 min
Response: 2009605
Conc: 19.54 ug/ml



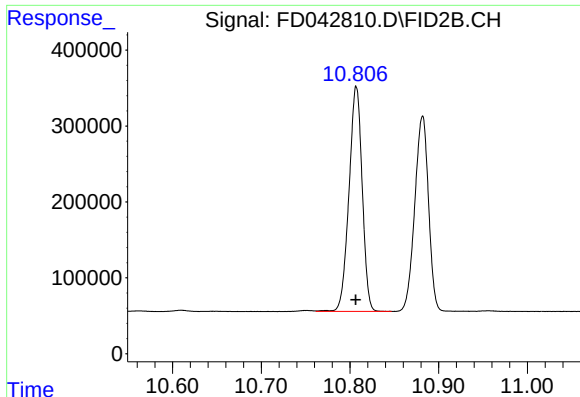
#7 Acenaphthene (C15.5)

R.T.: 8.626 min
Delta R.T.: -0.003 min
Response: 3332856
Conc: 19.37 ug/ml



#8 Fluorene (C16.55)

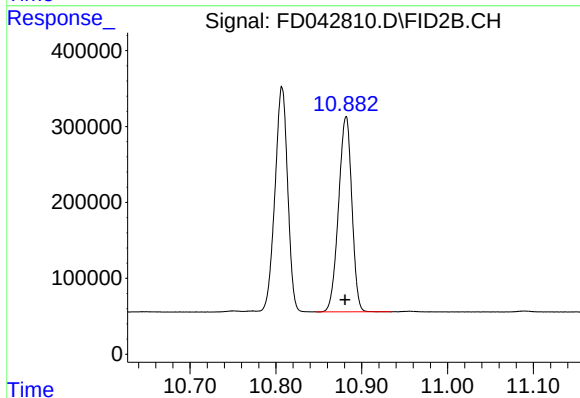
R.T.: 9.408 min
Delta R.T.: -0.001 min
Response: 3237787
Conc: 19.29 ug/ml



#9 Phenanthrene (C19.36)

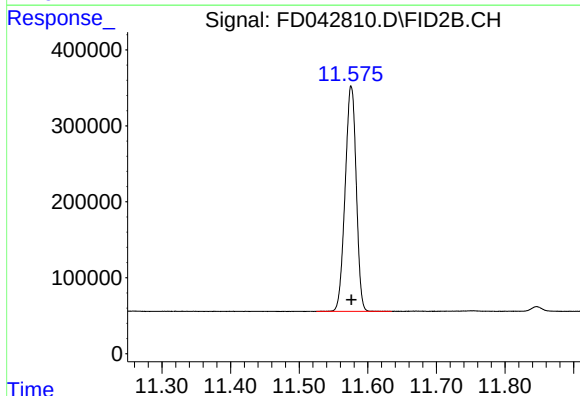
R.T.: 10.807 min
Delta R.T.: 0.000 min
Response: 3065094
Conc: 18.64 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



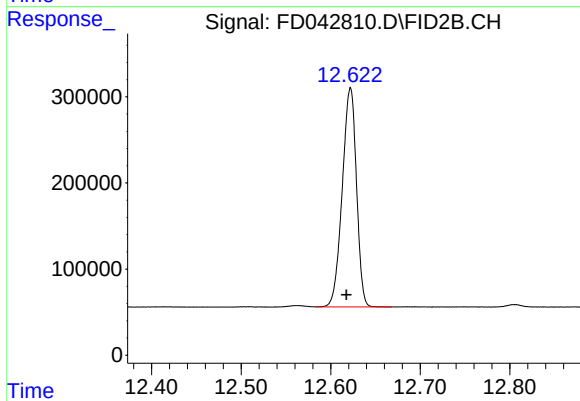
#10 Anthracene (C19.43)

R.T.: 10.882 min
Delta R.T.: 0.001 min
Response: 2771161
Conc: 18.13 ug/ml



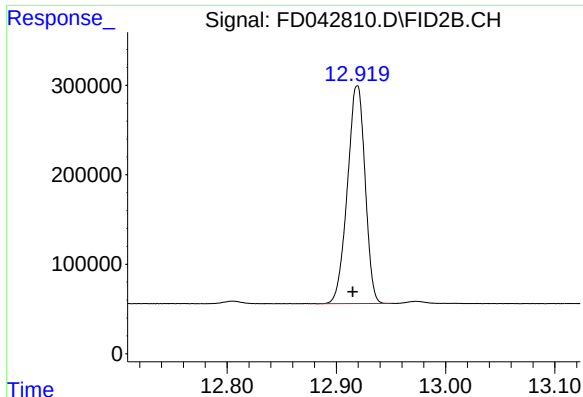
#11 ortho-Terphenyl (SURR)

R.T.: 11.576 min
Delta R.T.: 0.000 min
Response: 3326772
Conc: 18.74 ug/ml



#12 Fluoranthene (C21.85)

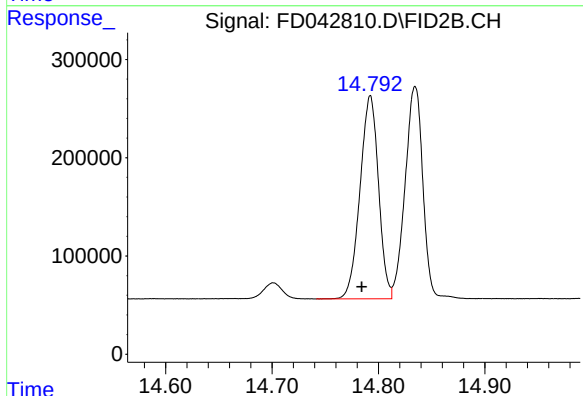
R.T.: 12.622 min
Delta R.T.: 0.004 min
Response: 2806453
Conc: 17.81 ug/ml



#13 Pyrene (C20.8)

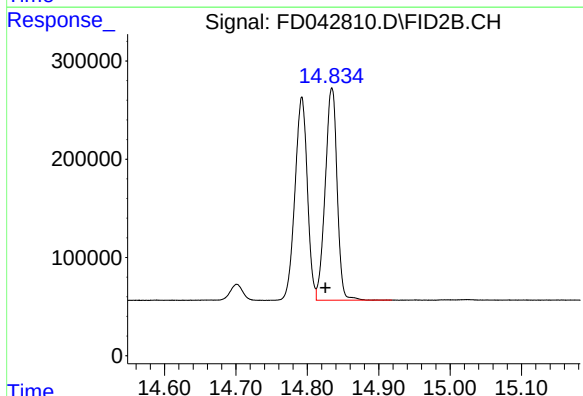
R.T.: 12.919 min
Delta R.T.: 0.004 min
Response: 2737188
Conc: 17.58 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



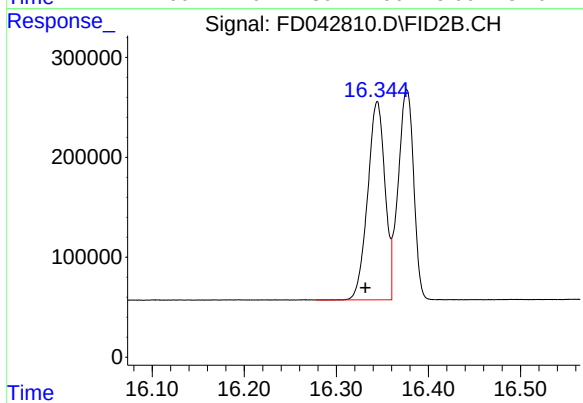
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.792 min
Delta R.T.: 0.008 min
Response: 2492864
Conc: 18.70 ug/ml



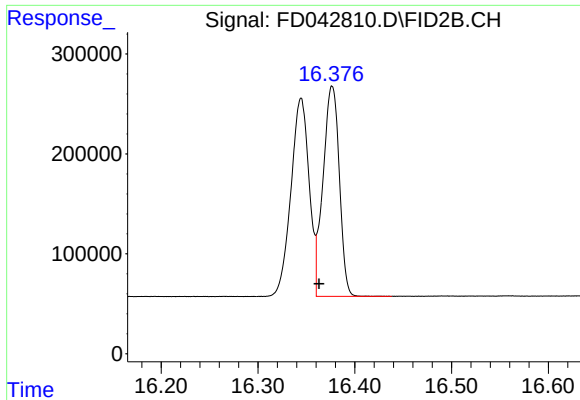
#15 Chrysene (C27.41)

R.T.: 14.834 min
Delta R.T.: 0.009 min
Response: 2507145
Conc: 18.98 ug/ml



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

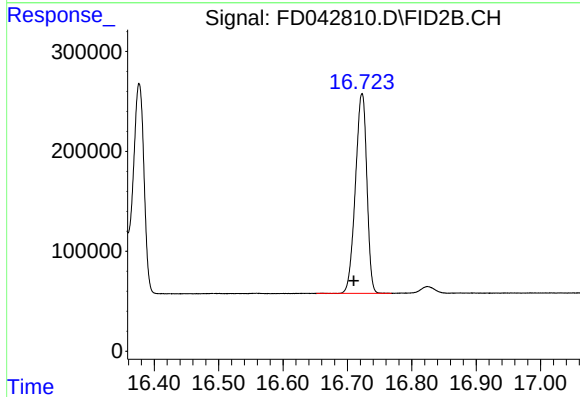
R.T.: 16.344 min
Delta R.T.: 0.013 min
Response: 2593253
Conc: 19.47 ug/ml



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

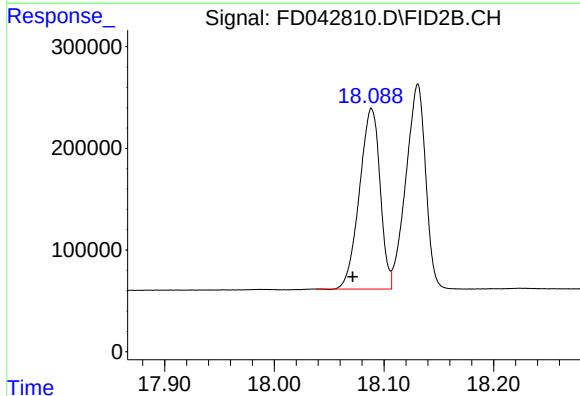
R.T.: 16.377 min
Delta R.T.: 0.013 min
Response: 2458489
Conc: 19.85 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



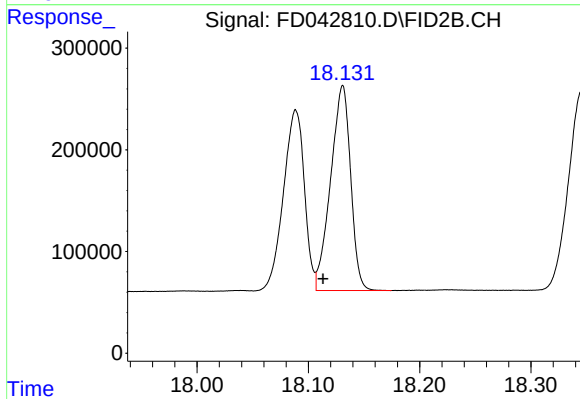
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.722 min
Delta R.T.: 0.013 min
Response: 2467996
Conc: 19.94 ug/ml



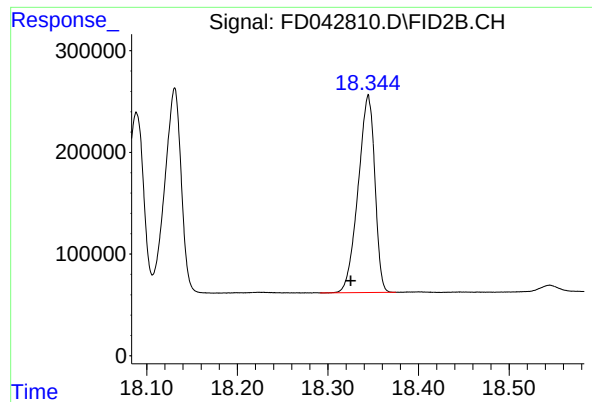
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.088 min
Delta R.T.: 0.017 min
Response: 2323858
Conc: 20.85 ug/ml



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

R.T.: 18.131 min
Delta R.T.: 0.017 min
Response: 2517363
Conc: 22.63 ug/ml



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

R.T.: 18.344 min
Delta R.T.: 0.019 min
Response: 2480992
Conc: 20.87 ug/ml

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ClientSampleId :
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