

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062322AR\
 Data File : FD043031.D
 Signal(s) : FID2B.CH
 Acq On : 24 Jun 2022 5:26
 Operator : UA/NP
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 24 06:01:32 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...	7.643	2869937	18.781 ug/ml
Spiked Amount 50.000		Recovery =	37.56%
11) S ortho-Terphenyl (SURR)	11.557	3355447	18.901 ug/ml
Spiked Amount 50.000		Recovery =	37.80%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.436	3088184	18.445 ug/ml
2) T Naphthalene (C11.7)	5.978	3621899	20.949 ug/ml
3) T 2-Methylnaphthalene (...)	7.032	3266334	20.483 ug/ml
7) T Acenaphthene (C15.5)	8.607	3330787	19.357 ug/ml
8) T Flouorene (C16.55)	9.390	3251049	19.365 ug/ml
9) T Phenanthrene (C19.36)	10.789	3045927	18.523 ug/ml
10) T Anthracene (C19.43)	10.864	2960850	19.372 ug/ml
12) T Fluoranthene (C21.85)	12.605	2879617	18.278 ug/ml
13) T Pyrene (C20.8)	12.902	2818251	18.102 ug/ml
14) T Benzo[a]anthracene (C...	14.778	2818874	21.142 ug/ml
15) T Chrysene (C27.41)	14.820	2827425	21.401 ug/ml
16) T benzo[b]fluoranthene ...	16.331	2979967	22.369 ug/ml
17) T Bnezo[k]fluoranthene ...	16.364	2837160	22.907 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.711	2859321	23.102 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.078	2617527	23.484 ug/ml
20) T Dibenz[a,h]anthracene...	18.117	2827617	25.420 ug/ml
21) T Benzo[g,h,i]perylene ...	18.333	2770786	23.312 ug/ml

(f)=RT Delta > 1/2 Window

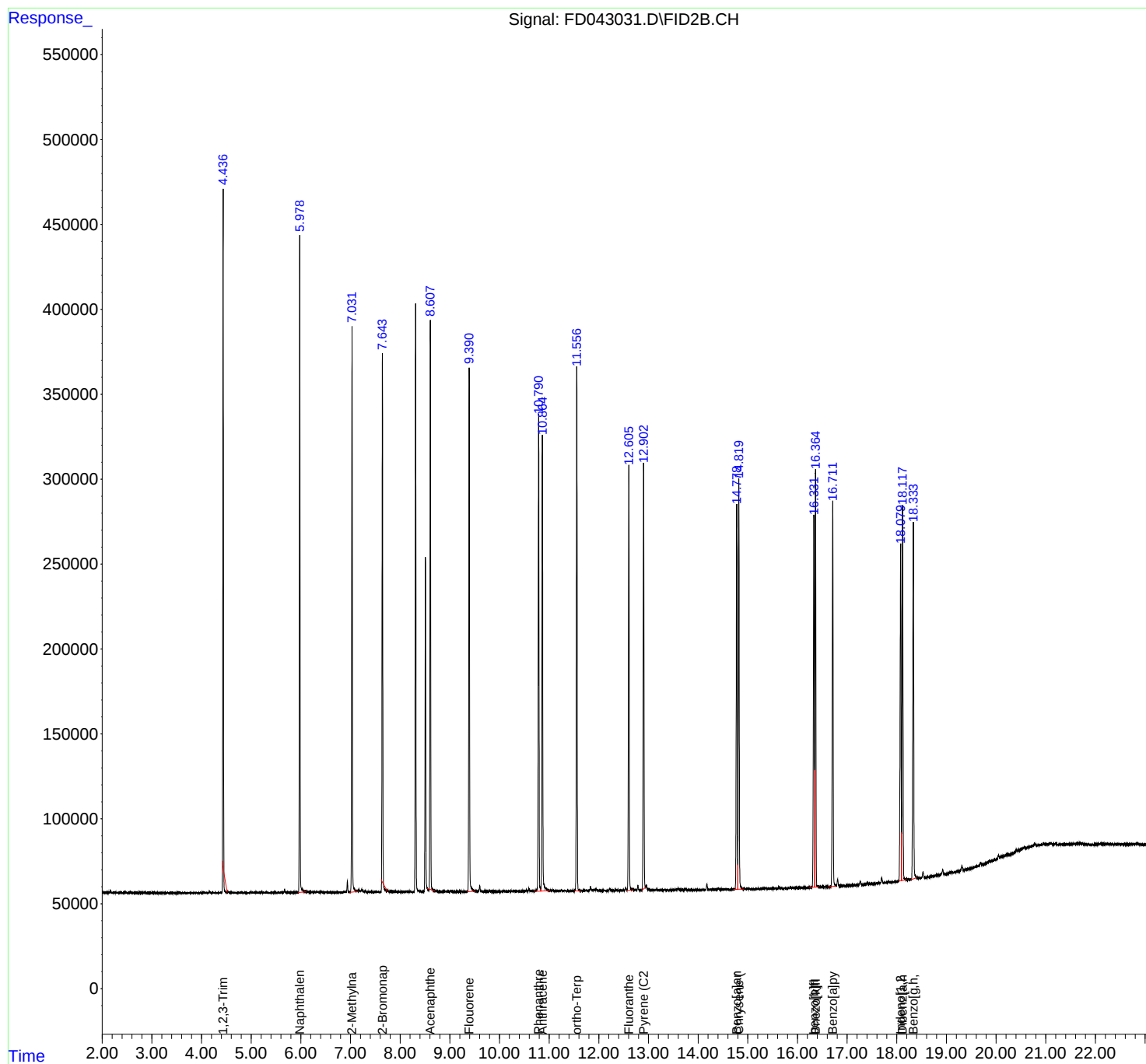
(m)=manual int.

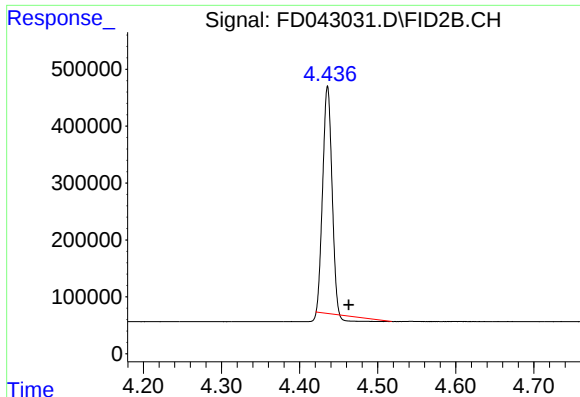
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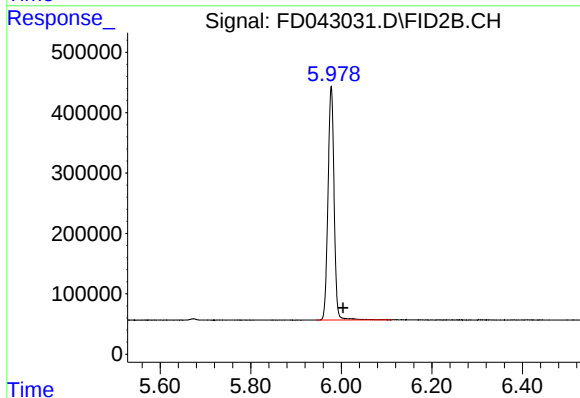




#1 1,2,3-Trimethylbenzene (C10.1)

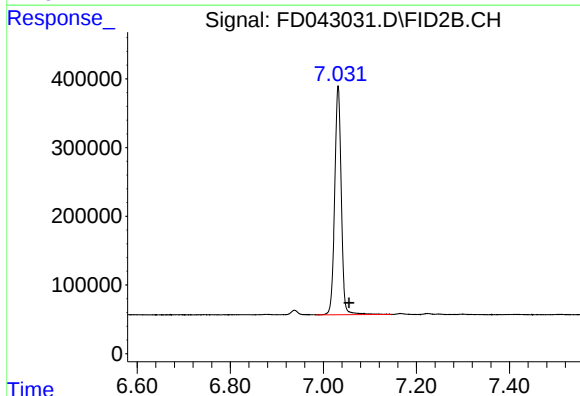
R.T.: 4.436 min
Delta R.T.: -0.027 min
Response: 3088184
Conc: 18.44 ug/ml

Instrument :
FID_D
ClientSampleId :



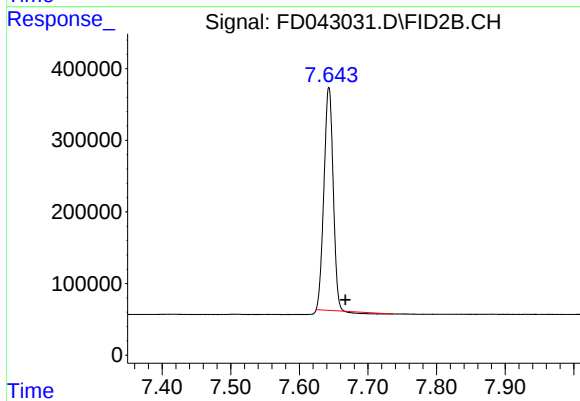
#2 Naphthalene (C11.7)

R.T.: 5.978 min
Delta R.T.: -0.026 min
Response: 3621899
Conc: 20.95 ug/ml



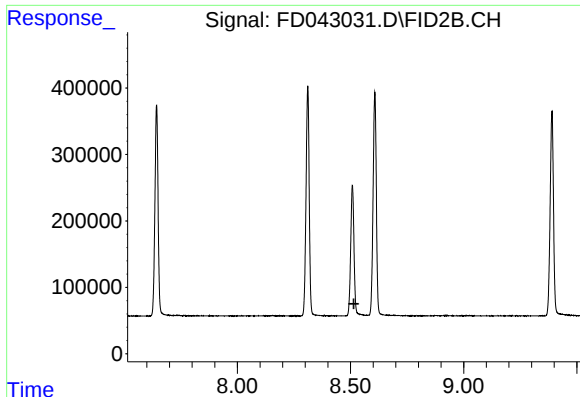
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.032 min
Delta R.T.: -0.024 min
Response: 3266334
Conc: 20.48 ug/ml



#4 2-Bromonaphthalene (SURR)

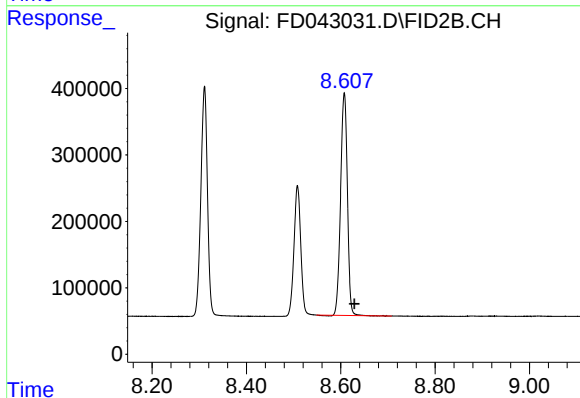
R.T.: 7.643 min
Delta R.T.: -0.024 min
Response: 2869937
Conc: 18.78 ug/ml



#6 2-Fluorobiphenyl (SURR)

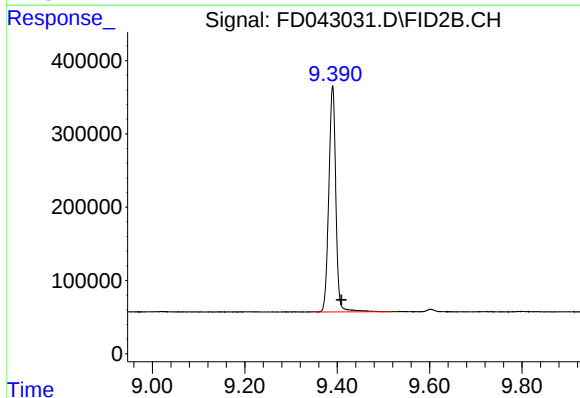
R.T.: 0.000 min
Exp R.T.: 8.515 min
Response: 0
Conc: N.D.

Instrument :
FID_D
ClientSampleId :



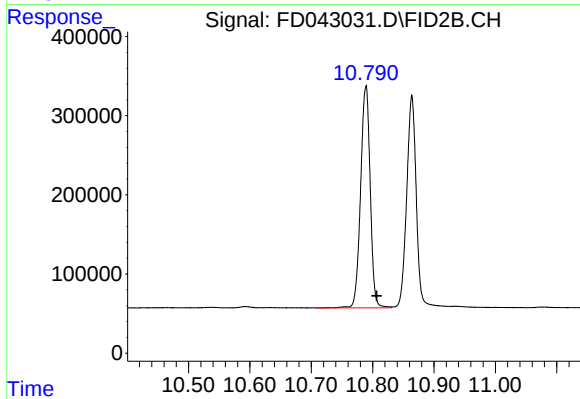
#7 Acenaphthene (C15.5)

R.T.: 8.607 min
Delta R.T.: -0.022 min
Response: 3330787
Conc: 19.36 ug/ml



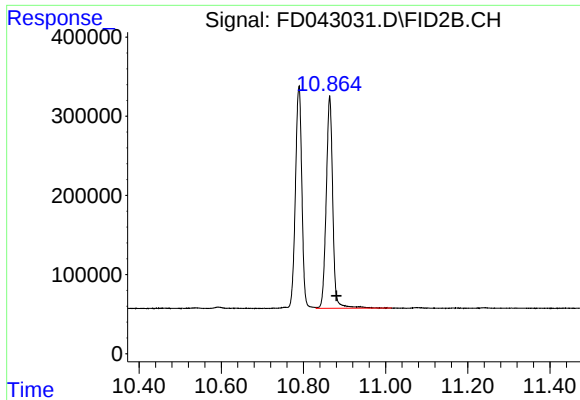
#8 Flouorene (C16.55)

R.T.: 9.390 min
Delta R.T.: -0.019 min
Response: 3251049
Conc: 19.36 ug/ml



#9 Phenanthrene (C19.36)

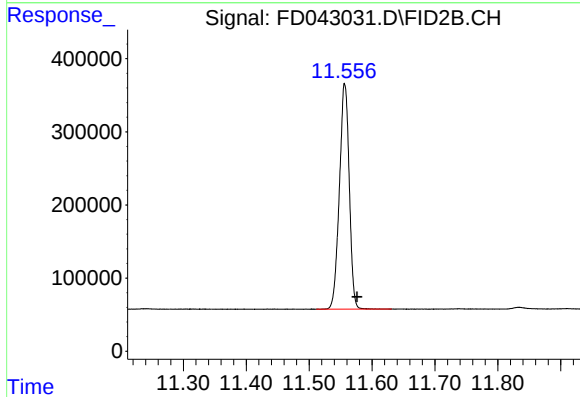
R.T.: 10.789 min
Delta R.T.: -0.018 min
Response: 3045927
Conc: 18.52 ug/ml



#10 Anthracene (C19.43)

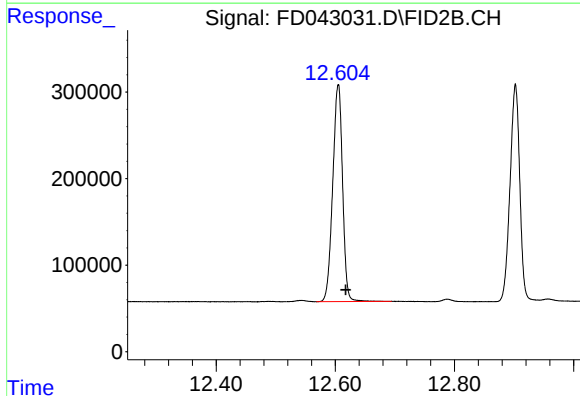
R.T.: 10.864 min
Delta R.T.: -0.016 min
Response: 2960850
Conc: 19.37 ug/ml

Instrument :
FID_D
ClientSampleId :



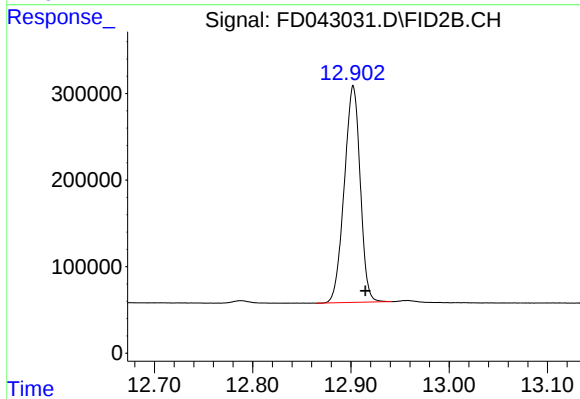
#11 ortho-Terphenyl (SURR)

R.T.: 11.557 min
Delta R.T.: -0.019 min
Response: 3355447
Conc: 18.90 ug/ml



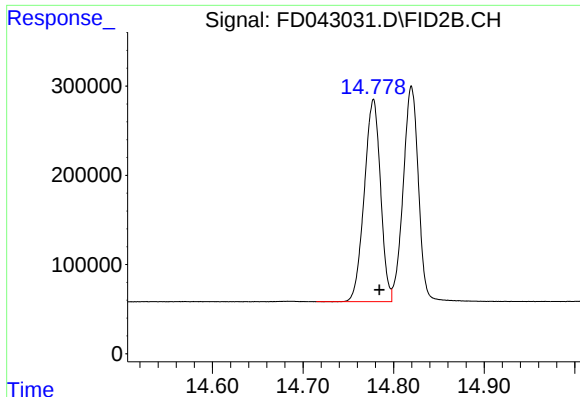
#12 Fluoranthene (C21.85)

R.T.: 12.605 min
Delta R.T.: -0.013 min
Response: 2879617
Conc: 18.28 ug/ml



#13 Pyrene (C20.8)

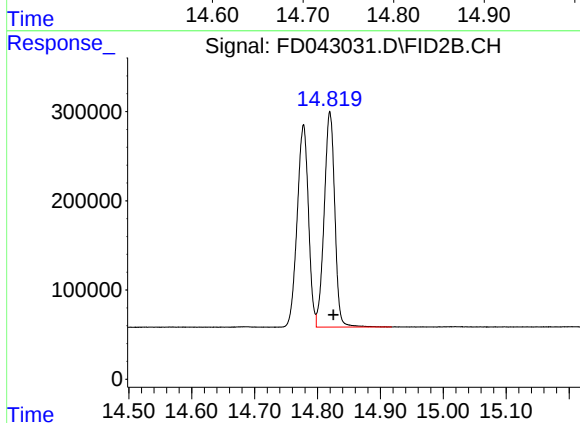
R.T.: 12.902 min
Delta R.T.: -0.013 min
Response: 2818251
Conc: 18.10 ug/ml



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

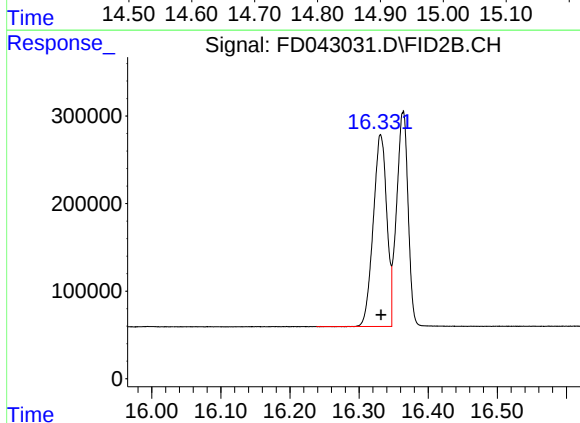
R.T.: 14.778 min
Delta R.T.: -0.007 min
Response: 2818874
Conc: 21.14 ug/ml

Instrument :
FID_D
ClientSampleId :



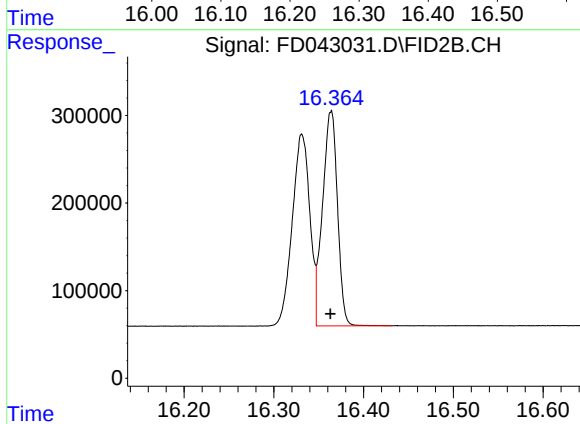
#15 Chrysene (C27.41)

R.T.: 14.820 min
Delta R.T.: -0.005 min
Response: 2827425
Conc: 21.40 ug/ml



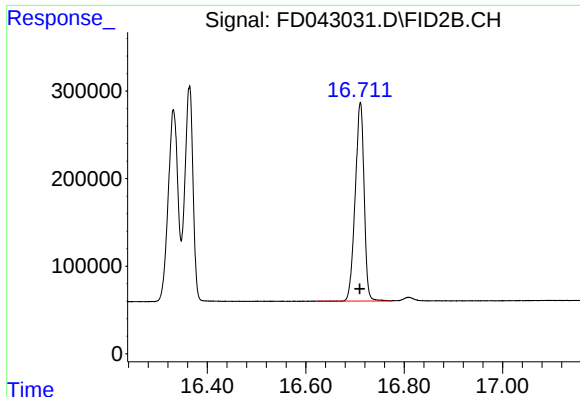
#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.331 min
Delta R.T.: 0.000 min
Response: 2979967
Conc: 22.37 ug/ml



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

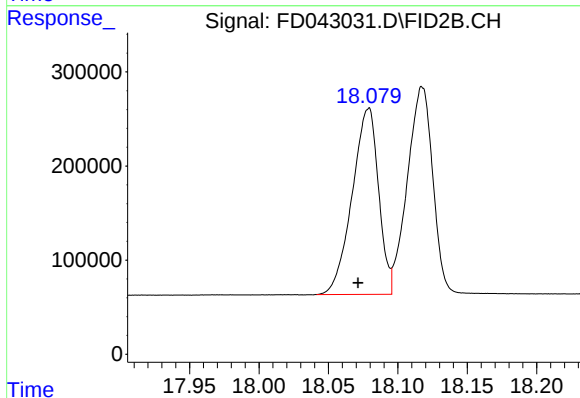
R.T.: 16.364 min
Delta R.T.: 0.000 min
Response: 2837160
Conc: 22.91 ug/ml



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

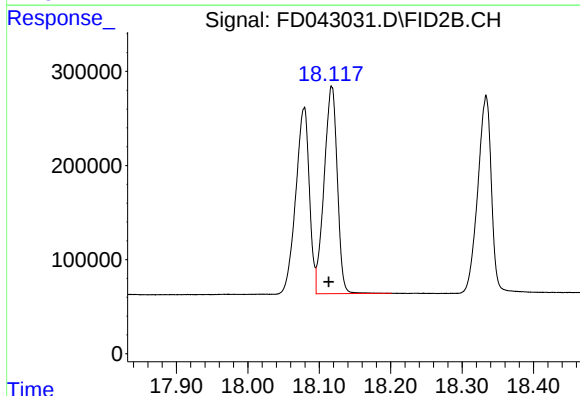
R.T.: 16.711 min
Delta R.T.: 0.001 min
Response: 2859321
Conc: 23.10 ug/ml

Instrument :
FID_D
ClientSampleId :



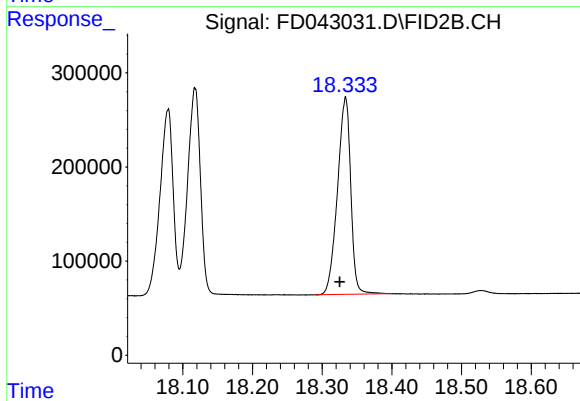
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.078 min
Delta R.T.: 0.007 min
Response: 2617527
Conc: 23.48 ug/ml



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

R.T.: 18.117 min
Delta R.T.: 0.004 min
Response: 2827617
Conc: 25.42 ug/ml



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

R.T.: 18.333 min
Delta R.T.: 0.008 min
Response: 2770786
Conc: 23.31 ug/ml