

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051622AR\
 Data File : FD042490.D
 Signal(s) : FID2B.CH
 Acq On : 17 May 2022 1:31
 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: May 17 03:57:22 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042122.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 21 17:32:22 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...	7.332	3666002	26.154 ug/ml
Spiked Amount 50.000		Recovery =	52.31%
6) S 2-Fluorobiphenyl (SURR)	8.185	2034734	28.557 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	57.11%
11) S ortho-Terphenyl (SURR)	11.208	4082854	23.555 ug/ml
Spiked Amount 50.000		Recovery =	47.11%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.157	4239057	27.229 ug/ml
2) T Naphthalene (C11.7)	5.677	4155658	26.343 ug/ml
3) T 2-Methylnaphthalene (...)	6.722	3705185	25.623 ug/ml
5) T Acenaphthylene (C15.06)	7.983	3987048	24.193 ug/ml
7) T Acenaphthene (C15.5)	8.276	4410657	23.493 ug/ml
8) T Fluorene (C16.55)	9.055	3859223	25.337 ug/ml
9) T Phenanthrene (C19.36)	10.443	3475824	23.408 ug/ml
10) T Anthracene (C19.43)	10.519	3203483	19.136 ug/ml
12) T Fluoranthene (C21.85)	12.245	3521685	22.451 ug/ml
13) T Pyrene (C20.8)	12.538	3563897	21.850 ug/ml
14) T Benzo[a]anthracene (C...	14.411	2968495	24.816 ug/ml
15) T Chrysene (C27.41)	14.452	3761852	20.505 ug/ml
16) T benzo[b]fluoranthene ...	15.961	3269460	24.901 ug/ml
17) T Bnezo[k]fluoranthene ...	15.991	3872132	22.397 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.340	3220515	21.827 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.708	2660030	26.650 ug/ml
20) T Dibenz[a,h]anthracene...	17.744	4153654	26.464 ug/ml
21) T Benzo[g,h,i]perylene ...	17.958	3367564	24.316 ug/ml

(f)=RT Delta > 1/2 Window

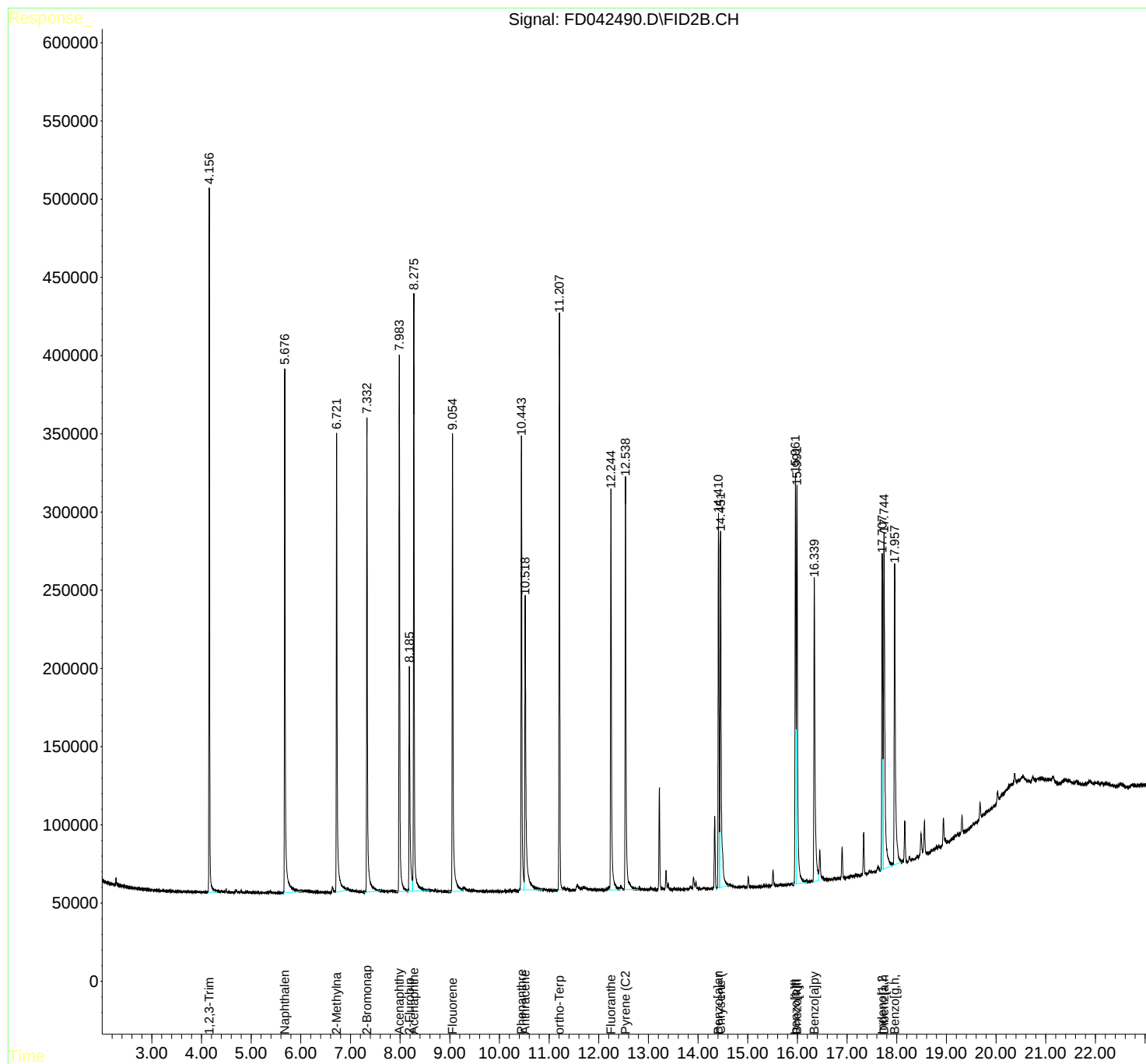
(m)=manual int.

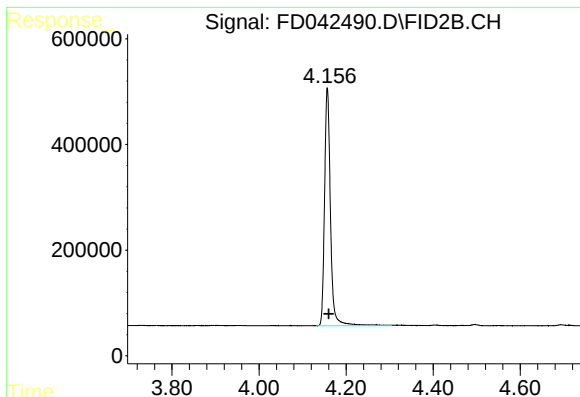
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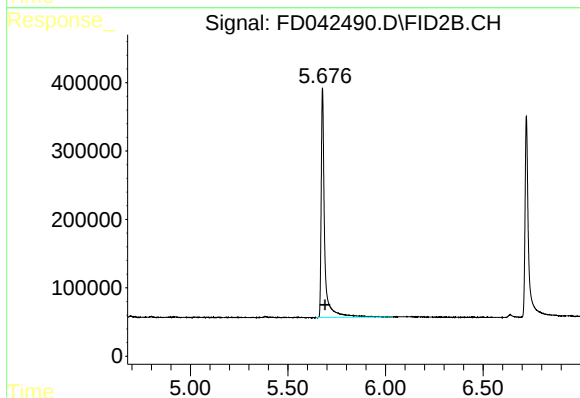




#1 1,2,3-Trimethylbenzene (C10.1)

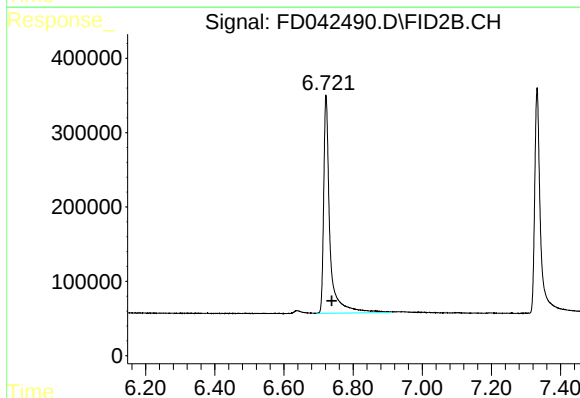
R.T.: 4.157 min
Delta R.T.: -0.003 min
Response: 4239057
Conc: 27.23 ug/ml

Instrument :
FID_D
ClientSampleId :



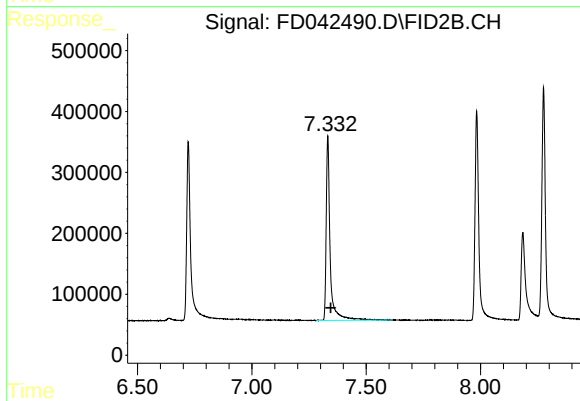
#2 Naphthalene (C11.7)

R.T.: 5.677 min
Delta R.T.: -0.013 min
Response: 4155658
Conc: 26.34 ug/ml



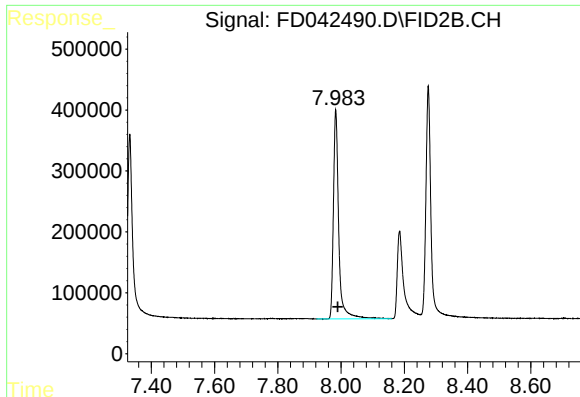
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.722 min
Delta R.T.: -0.016 min
Response: 3705185
Conc: 25.62 ug/ml



#4 2-Bromonaphthalene (SURR)

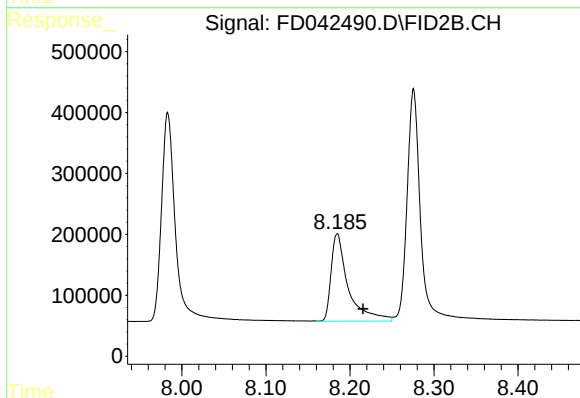
R.T.: 7.332 min
Delta R.T.: -0.013 min
Response: 3666002
Conc: 26.15 ug/ml



#5 Acenaphthylene (C15.06)

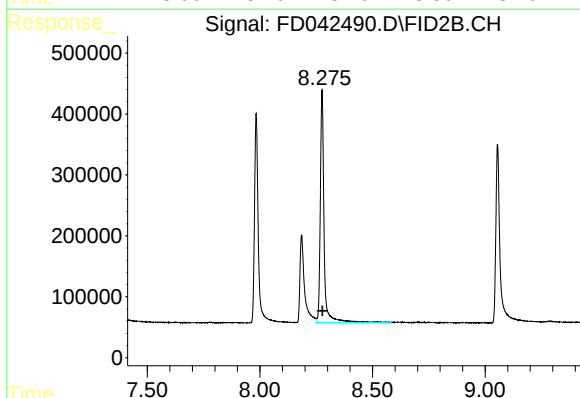
R.T.: 7.983 min
Delta R.T.: -0.006 min
Response: 3987048
Conc: 24.19 ug/ml

Instrument :
FID_D
ClientSampleId :



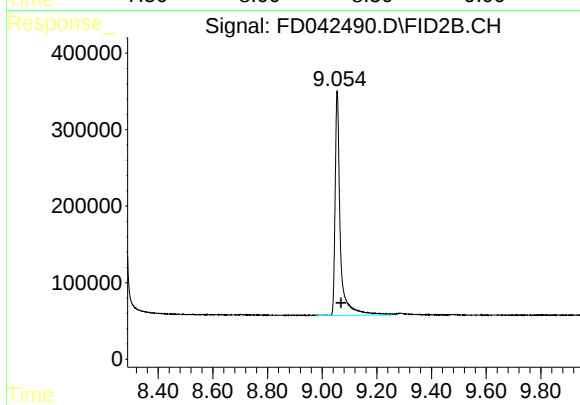
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.185 min
Delta R.T.: -0.031 min
Response: 2034734
Conc: 28.56 ug/ml



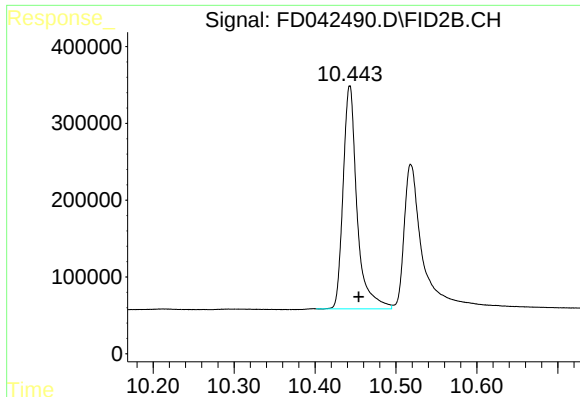
#7 Acenaphthene (C15.5)

R.T.: 8.276 min
Delta R.T.: -0.002 min
Response: 4410657
Conc: 23.49 ug/ml



#8 Fluorene (C16.55)

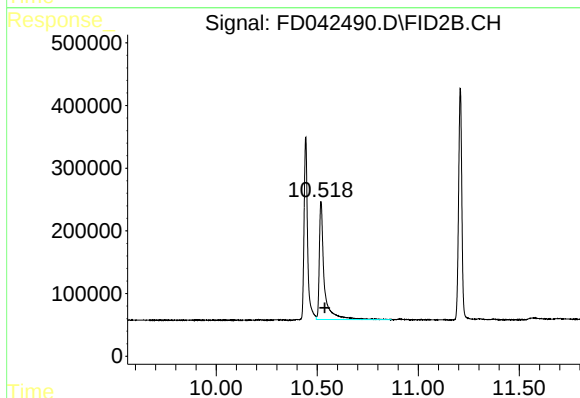
R.T.: 9.055 min
Delta R.T.: -0.014 min
Response: 3859223
Conc: 25.34 ug/ml



#9 Phenanthrene (C19.36)

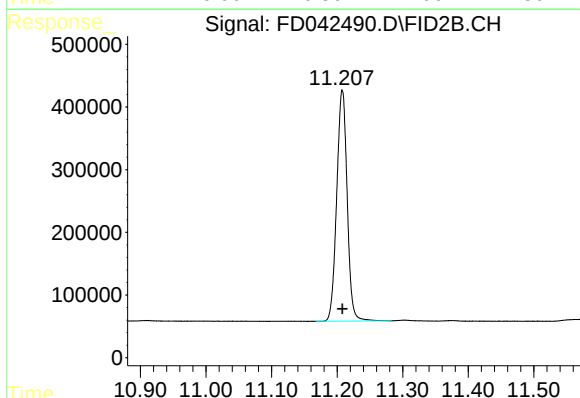
R.T.: 10.443 min
Delta R.T.: -0.011 min
Response: 3475824
Conc: 23.41 ug/ml

Instrument :
FID_D
ClientSampleId :



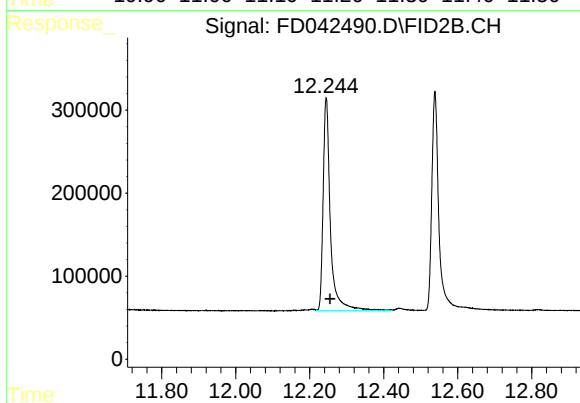
#10 Anthracene (C19.43)

R.T.: 10.519 min
Delta R.T.: -0.018 min
Response: 3203483
Conc: 19.14 ug/ml



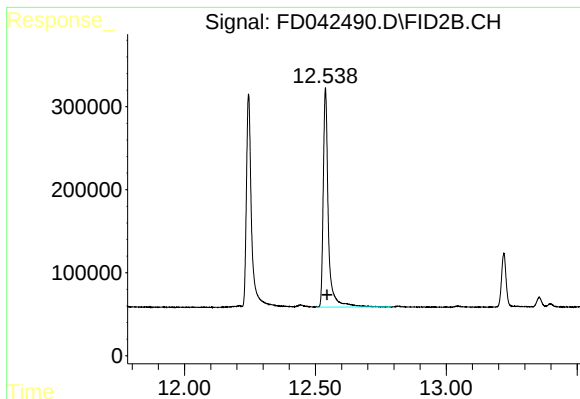
#11 ortho-Terphenyl (SURR)

R.T.: 11.208 min
Delta R.T.: 0.000 min
Response: 4082854
Conc: 23.56 ug/ml



#12 Fluoranthene (C21.85)

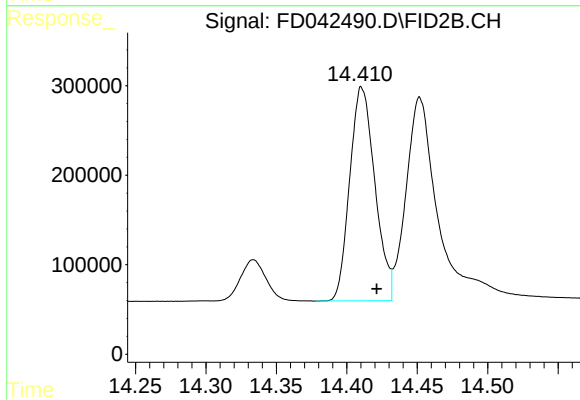
R.T.: 12.245 min
Delta R.T.: -0.010 min
Response: 3521685
Conc: 22.45 ug/ml



#13 Pyrene (C20.8)

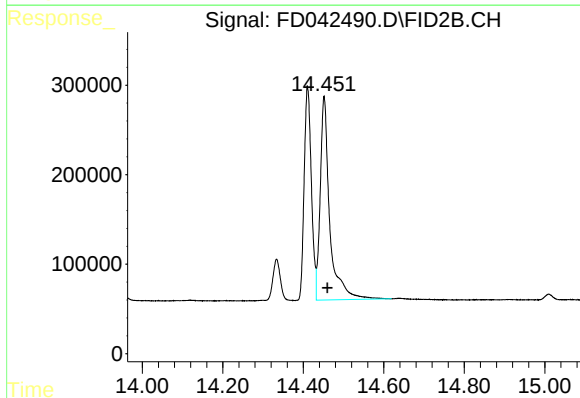
R.T.: 12.538 min
Delta R.T.: -0.006 min
Response: 3563897
Conc: 21.85 ug/ml

Instrument :
FID_D
ClientSampleId :



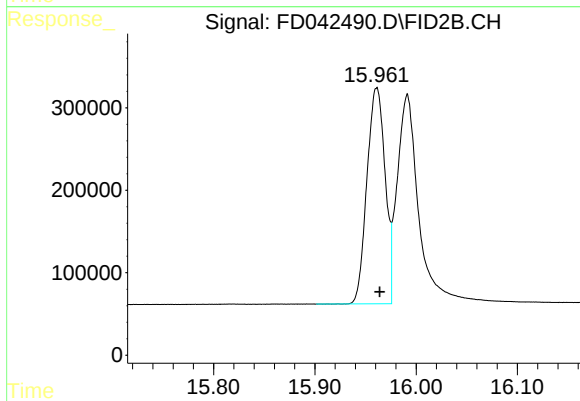
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.411 min
Delta R.T.: -0.010 min
Response: 2968495
Conc: 24.82 ug/ml



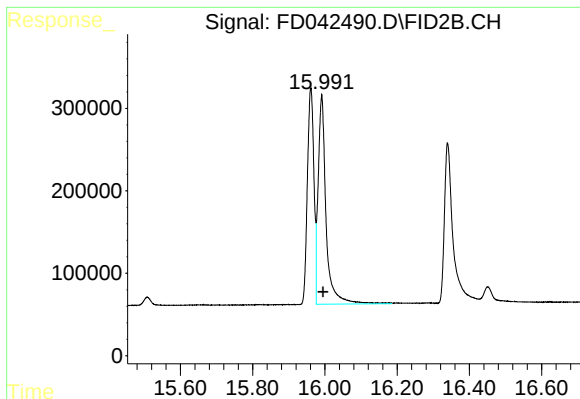
#15 Chrysene (C27.41)

R.T.: 14.452 min
Delta R.T.: -0.008 min
Response: 3761852
Conc: 20.50 ug/ml



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

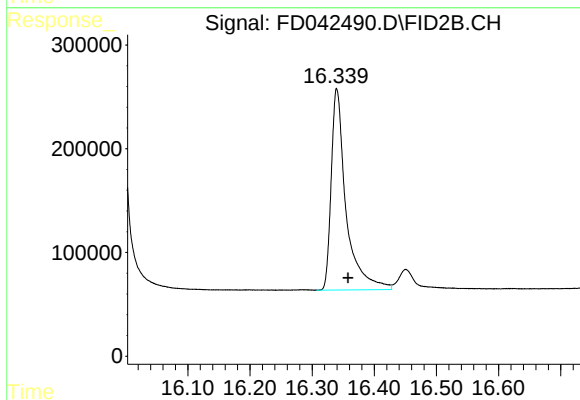
R.T.: 15.961 min
Delta R.T.: -0.003 min
Response: 3269460
Conc: 24.90 ug/ml



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

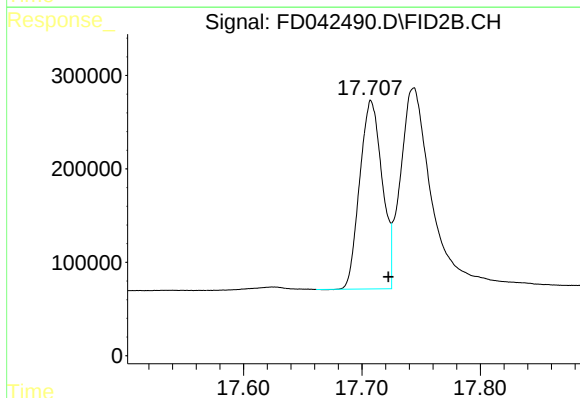
R.T.: 15.991 min
Delta R.T.: -0.004 min
Response: 3872132
Conc: 22.40 ug/ml

Instrument :
FID_D
ClientSampleId :



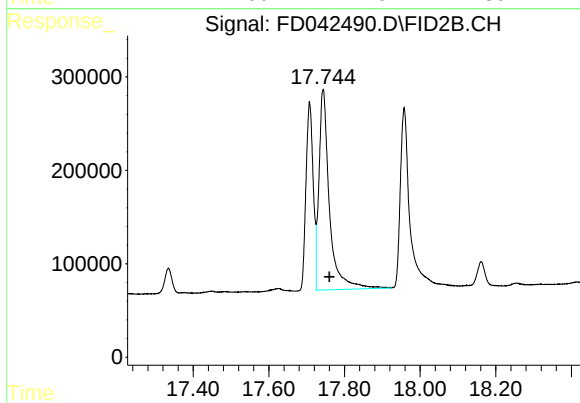
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.340 min
Delta R.T.: -0.018 min
Response: 3220515
Conc: 21.83 ug/ml



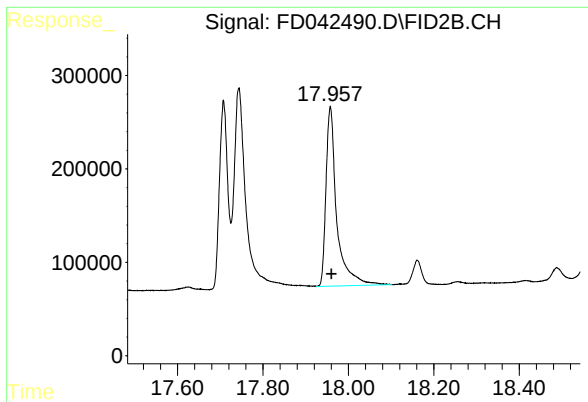
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.708 min
Delta R.T.: -0.015 min
Response: 2660030
Conc: 26.65 ug/ml



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

R.T.: 17.744 min
Delta R.T.: -0.017 min
Response: 4153654
Conc: 26.46 ug/ml



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

R.T.: 17.958 min
Delta R.T.: -0.002 min
Response: 3367564
Conc: 24.32 ug/ml

Instrument :
FID_D
ClientSampleId :