

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020922AR\
 Data File : FD040925.D
 Signal(s) : FID2B.CH
 Acq On : 09 Feb 2022 12:54
 Operator : YP\AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 10 00:46:56 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020822.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 08 22:55:26 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...	7.356	457406	21.638 ug/ml
Spiked Amount 50.000		Recovery =	43.28%
6) S 2-Fluorobiphenyl (SURR)	8.206	270047	21.076 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.15%
11) S ortho-Terphenyl (SURR)	11.233	599209	20.650 ug/ml
Spiked Amount 50.000		Recovery =	41.30%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.172	520783	20.522 ug/ml
2) T Naphthalene (C11.7)	5.698	480602	20.695 ug/ml
3) T 2-Methylnaphthalene (...)	6.743	519961	21.992 ug/ml
5) T Acenaphthylene (C15.06)	8.004	550513	20.515 ug/ml
7) T Acenaphthene (C15.5)	8.296	627434	20.828 ug/ml
8) T Fluorene (C16.55)	9.076	523144	21.025 ug/ml
9) T Phenanthrene (C19.36)	10.461	518786	21.054 ug/ml
10) T Anthracene (C19.43)	10.537	523045	20.049 ug/ml
12) T Fluoranthene (C21.85)	12.261	566585	21.269 ug/ml
13) T Pyrene (C20.8)	12.553	565137	20.890 ug/ml
14) T Benzo[a]anthracene (C...	14.420	469914	21.093 ug/ml
15) T Chrysene (C27.41)	14.461	663533	21.082 ug/ml
16) T benzo[b]fluoranthene ...	15.962	524863	21.097 ug/ml
17) T Bnezo[k]fluoranthene ...	15.993	642006	21.037 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.340	527889	20.708 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.697	488483	20.697 ug/ml
20) T Dibenz[a,h]anthracene...	17.743	617522	20.841 ug/ml
21) T Benzo[g,h,i]perylene ...	17.945	540032	20.336 ug/ml

(f)=RT Delta > 1/2 Window

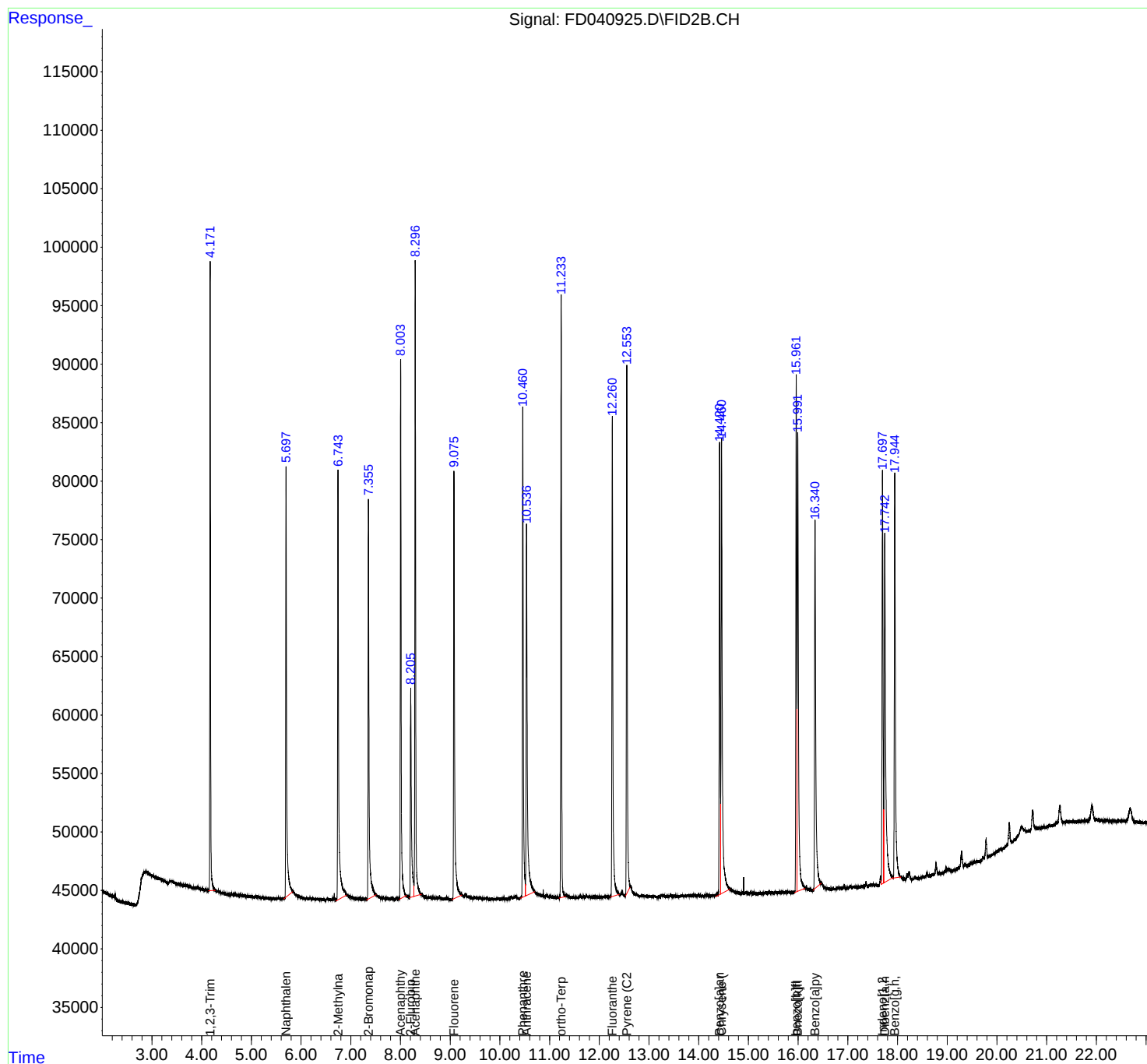
(m)=manual int.

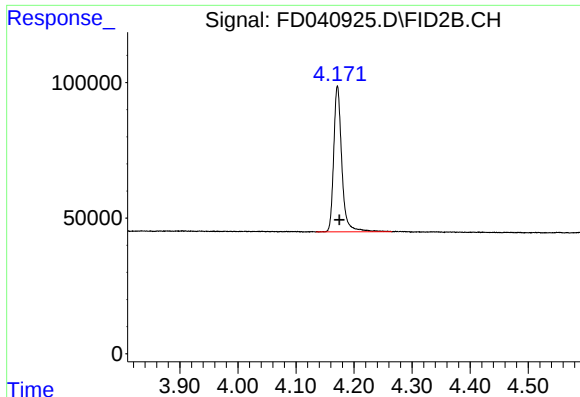
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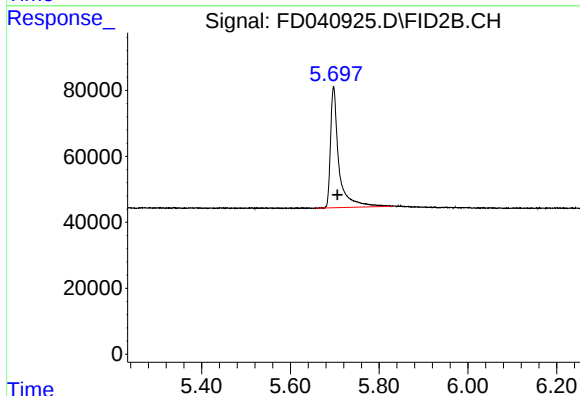




#1 1,2,3-Trimethylbenzene (C10.1)

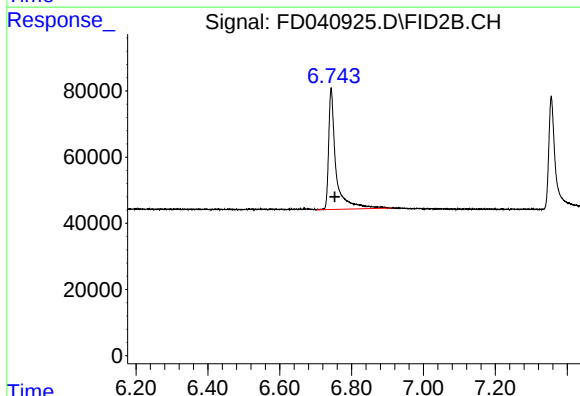
R.T.: 4.172 min
Delta R.T.: -0.003 min
Response: 520783
Conc: 20.52 ug/ml

Instrument :
FID_D
ClientSampleId :



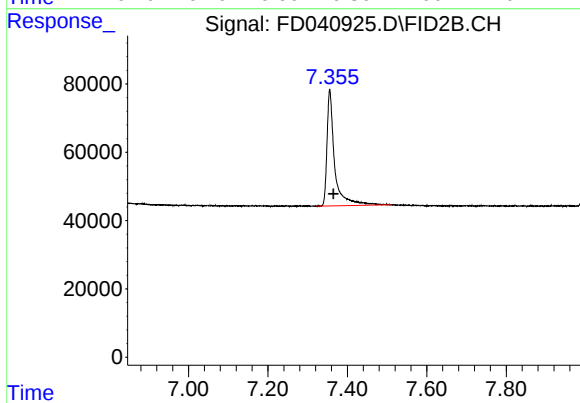
#2 Naphthalene (C11.7)

R.T.: 5.698 min
Delta R.T.: -0.008 min
Response: 480602
Conc: 20.70 ug/ml



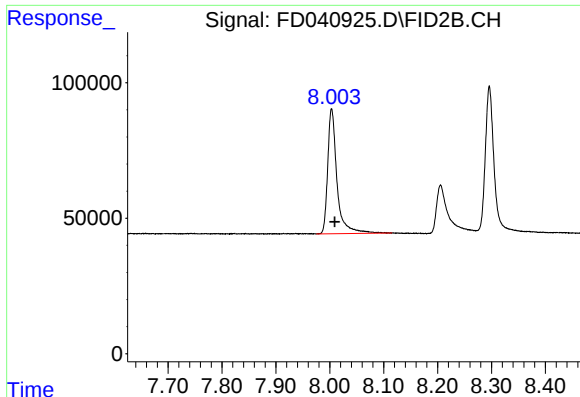
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.743 min
Delta R.T.: -0.010 min
Response: 519961
Conc: 21.99 ug/ml



#4 2-Bromonaphthalene (SURR)

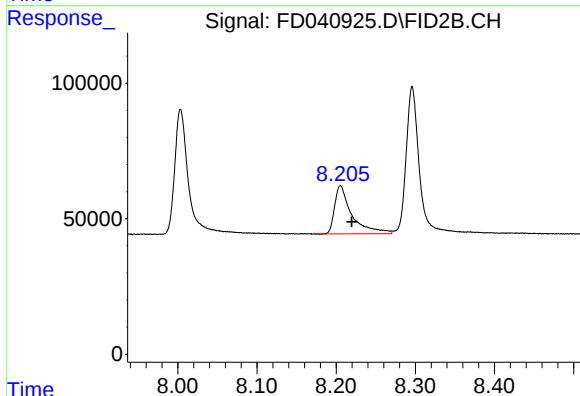
R.T.: 7.356 min
Delta R.T.: -0.008 min
Response: 457406
Conc: 21.64 ug/ml



#5 Acenaphthylene (C15.06)

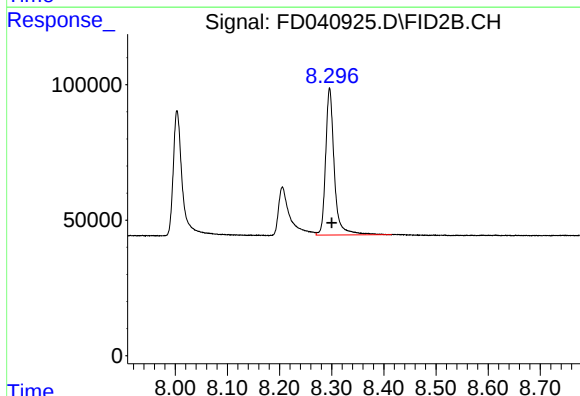
R.T.: 8.004 min
Delta R.T.: -0.006 min
Response: 550513
Conc: 20.51 ug/ml

Instrument :
FID_D
ClientSampleId :



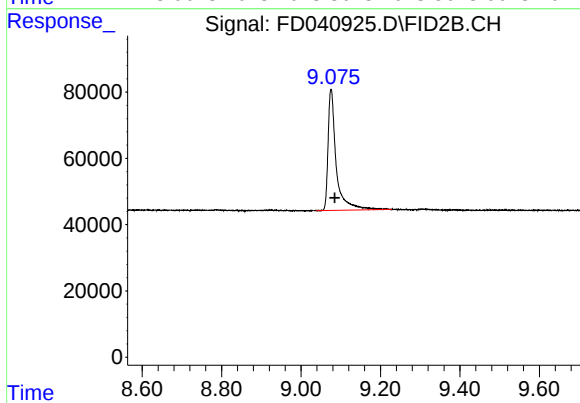
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.206 min
Delta R.T.: -0.014 min
Response: 270047
Conc: 21.08 ug/ml



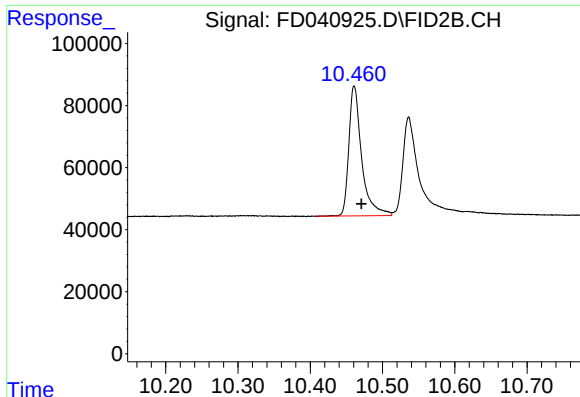
#7 Acenaphthene (C15.5)

R.T.: 8.296 min
Delta R.T.: -0.004 min
Response: 627434
Conc: 20.83 ug/ml



#8 Flouorene (C16.55)

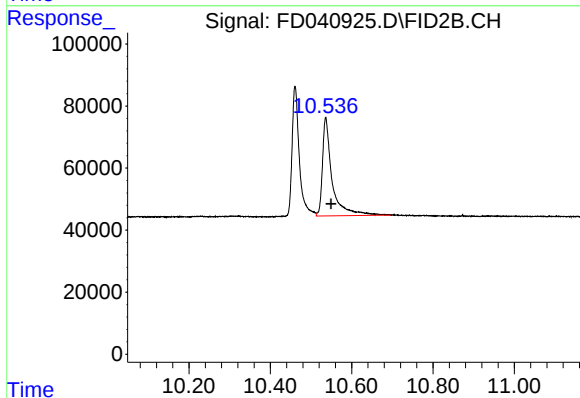
R.T.: 9.076 min
Delta R.T.: -0.009 min
Response: 523144
Conc: 21.02 ug/ml



#9 Phenanthrene (C19.36)

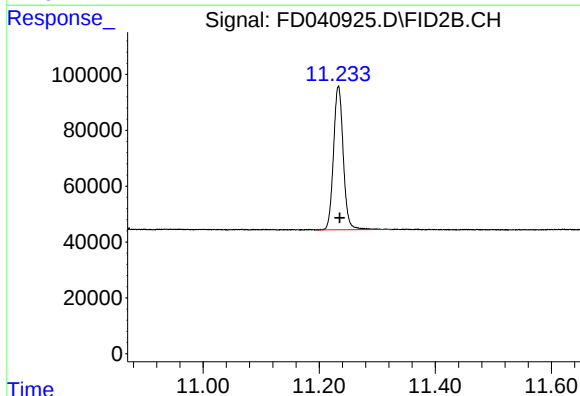
R.T.: 10.461 min
Delta R.T.: -0.010 min
Response: 518786
Conc: 21.05 ug/ml

Instrument :
FID_D
ClientSampleId :



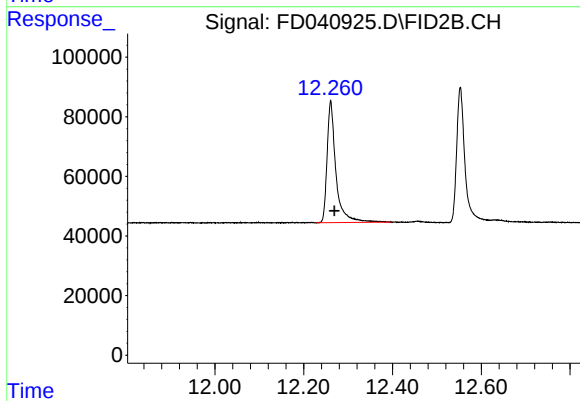
#10 Anthracene (C19.43)

R.T.: 10.537 min
Delta R.T.: -0.013 min
Response: 523045
Conc: 20.05 ug/ml



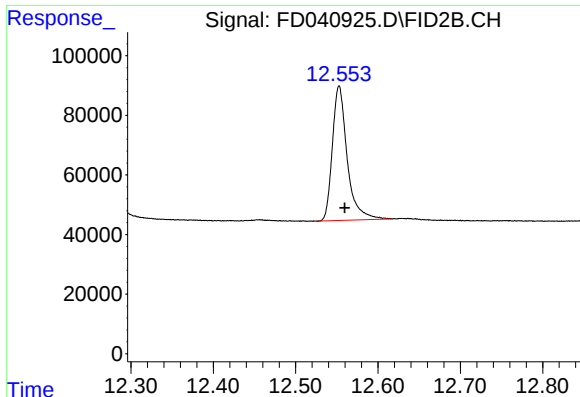
#11 ortho-Terphenyl (SURR)

R.T.: 11.233 min
Delta R.T.: -0.002 min
Response: 599209
Conc: 20.65 ug/ml



#12 Fluoranthene (C21.85)

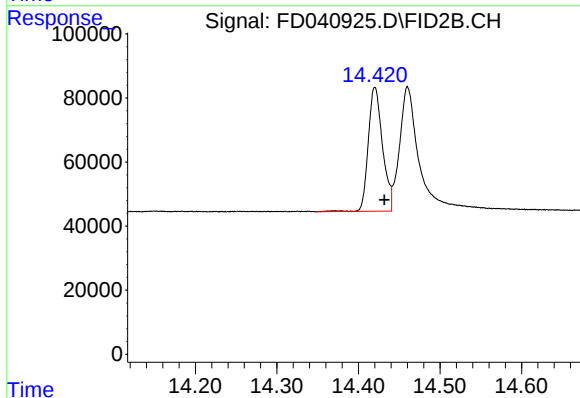
R.T.: 12.261 min
Delta R.T.: -0.008 min
Response: 566585
Conc: 21.27 ug/ml



#13 Pyrene (C20.8)

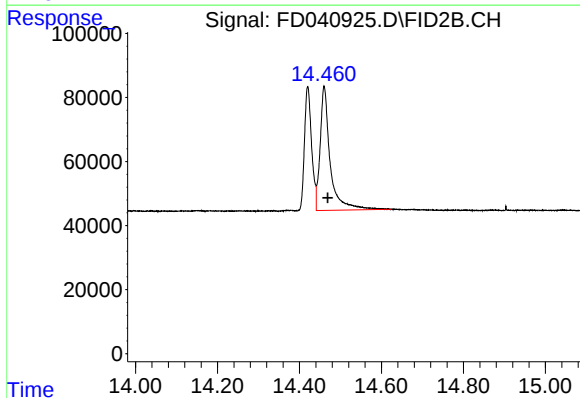
R.T.: 12.553 min
Delta R.T.: -0.007 min
Response: 565137
Conc: 20.89 ug/ml

Instrument :
FID_D
ClientSampleId :



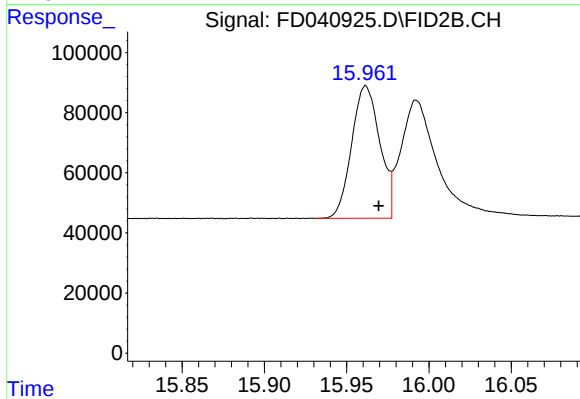
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.420 min
Delta R.T.: -0.012 min
Response: 469914
Conc: 21.09 ug/ml



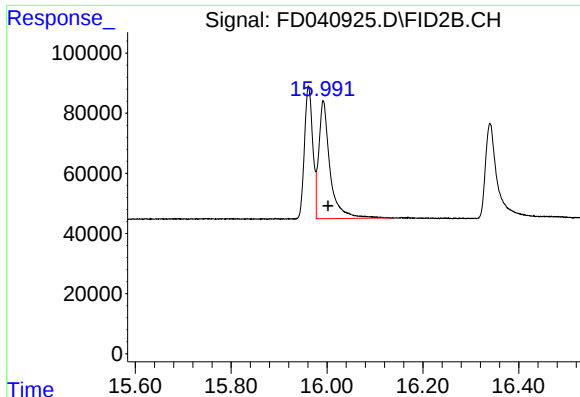
#15 Chrysene (C27.41)

R.T.: 14.461 min
Delta R.T.: -0.009 min
Response: 663533
Conc: 21.08 ug/ml



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

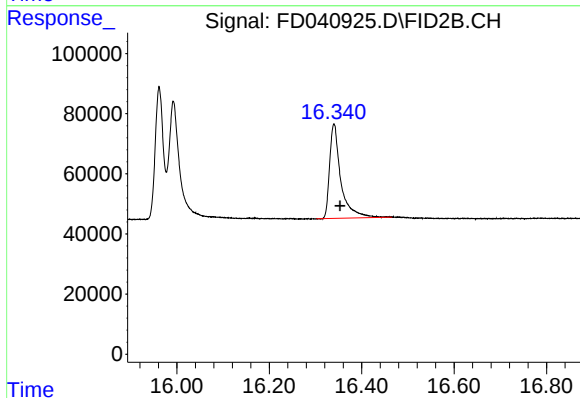
R.T.: 15.962 min
Delta R.T.: -0.008 min
Response: 524863
Conc: 21.10 ug/ml



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

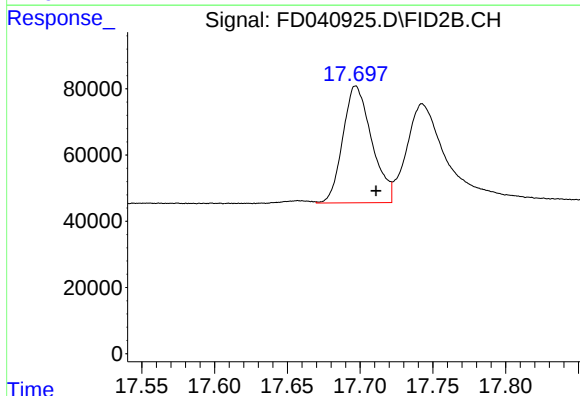
R.T.: 15.993 min
Delta R.T.: -0.010 min
Response: 642006
Conc: 21.04 ug/ml

Instrument :
FID_D
ClientSampleId :



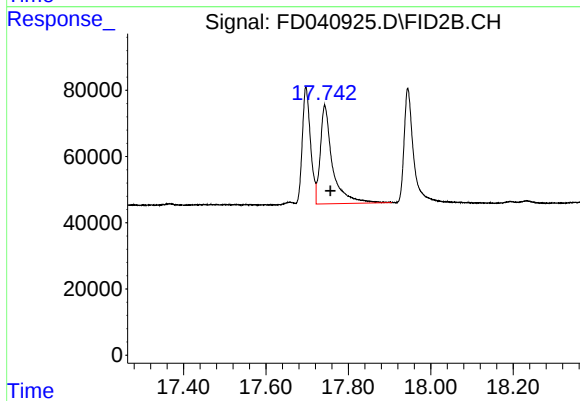
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.340 min
Delta R.T.: -0.013 min
Response: 527889
Conc: 20.71 ug/ml



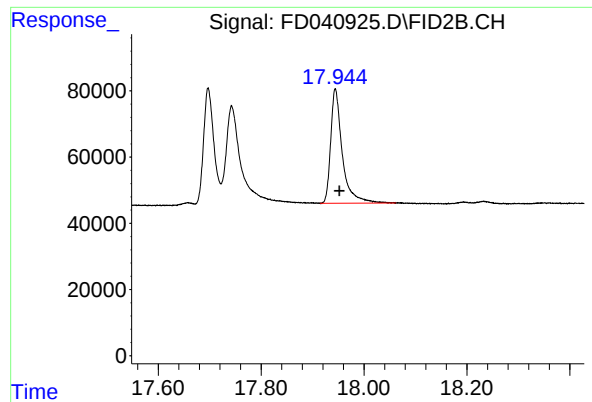
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.697 min
Delta R.T.: -0.014 min
Response: 488483
Conc: 20.70 ug/ml



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

R.T.: 17.743 min
Delta R.T.: -0.013 min
Response: 617522
Conc: 20.84 ug/ml



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

R.T.: 17.945 min
Delta R.T.: -0.008 min
Response: 540032
Conc: 20.34 ug/ml

Instrument :

FID_D

ClientSampleId :