

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD123021AR\
 Data File : FD040302.D
 Signal(s) : FID2B.CH
 Acq On : 30 Dec 2021 15:48
 Operator : AJ\MA
 Sample : 5 PPM AROMATIC HC STD5
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 30 16:13:36 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 123021.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 30 15:51:59 2021
 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...	6.814	575675	4.351 ug/ml
Spiked Amount 50.000		Recovery =	8.70%
6) S 2-Fluorobiphenyl (SURR)	7.664	351820	4.102 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	8.20%
11) S ortho-Terphenyl (SURR)	10.697	636355	4.567 ug/ml
Spiked Amount 50.000		Recovery =	9.13%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.668	696300	4.638 ug/ml
2) T Naphthalene (C11.7)	5.165	672900	4.431 ug/ml
3) T 2-Methylnaphthalene (...)	6.204	658599	4.353 ug/ml
5) T Acenaphthylene (C15.06)	7.468	600948	4.408 ug/ml
7) T Acenaphthene (C15.5)	7.761	646512	4.445 ug/ml
8) T Fluorene (C16.55)	8.537	593061	4.266 ug/ml
9) T Phenanthrene (C19.36)	9.924	582343	4.289 ug/ml
10) T Anthracene (C19.43)	9.997	534164	4.201 ug/ml
12) T Fluoranthene (C21.85)	11.726	599453	4.471 ug/ml
13) T Pyrene (C20.8)	12.019	583664	4.479 ug/ml
14) T Benzo[a]anthracene (C...	13.885	494082	4.172 ug/ml
15) T Chrysene (C27.41)	13.926	547374	4.310 ug/ml
16) T benzo[b]fluoranthene ...	15.427	545480	4.381 ug/ml
17) T Bnezo[k]fluoranthene ...	15.459	559914	4.460 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.803	523593	4.299 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.160	482946	4.113 ug/ml
20) T Dibenz[a,h]anthracene...	17.205	479230	4.147 ug/ml
21) T Benzo[g,h,i]perylene ...	17.410	536116	4.334 ug/ml

(f)=RT Delta > 1/2 Window

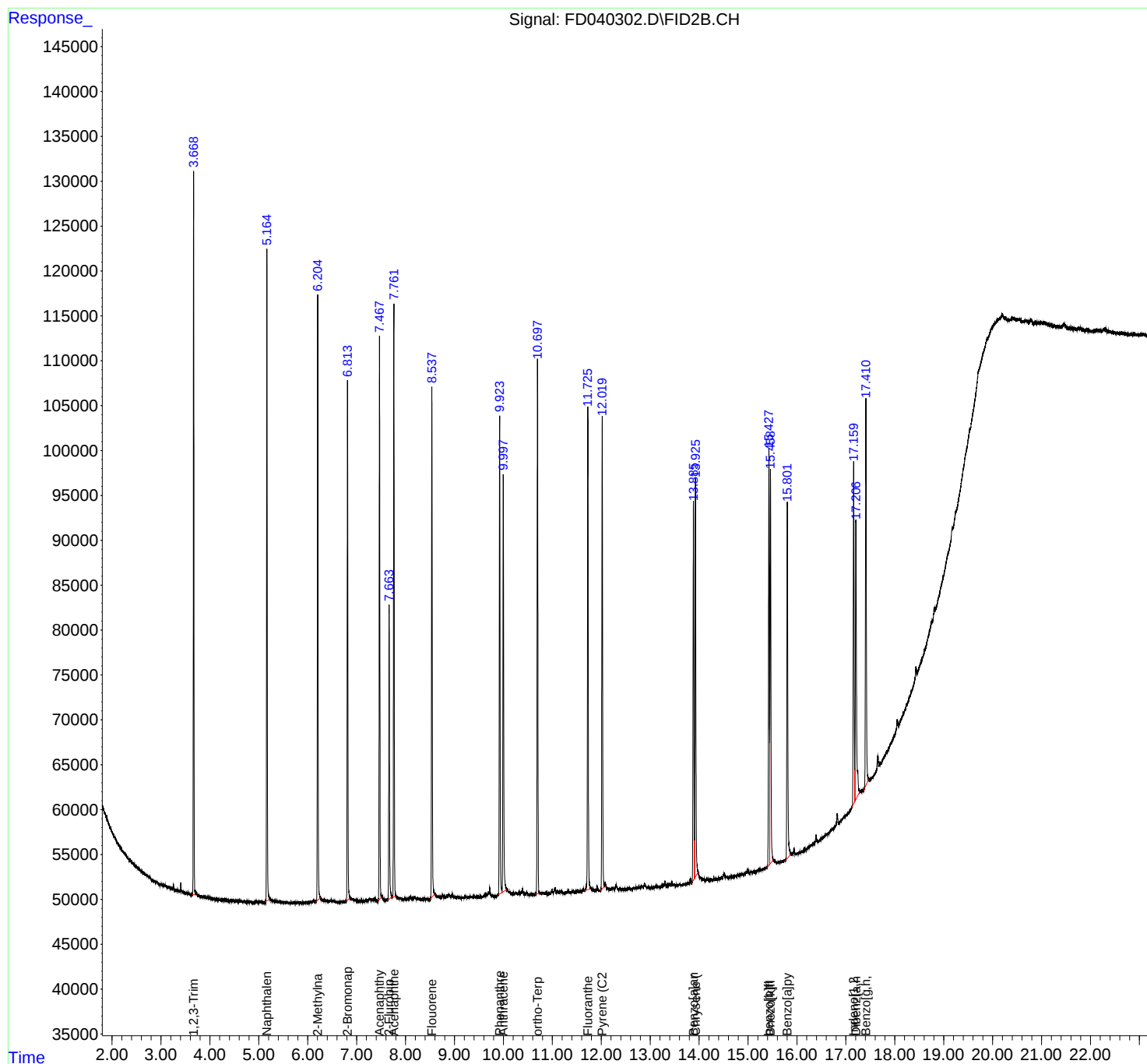
(m)=manual int.

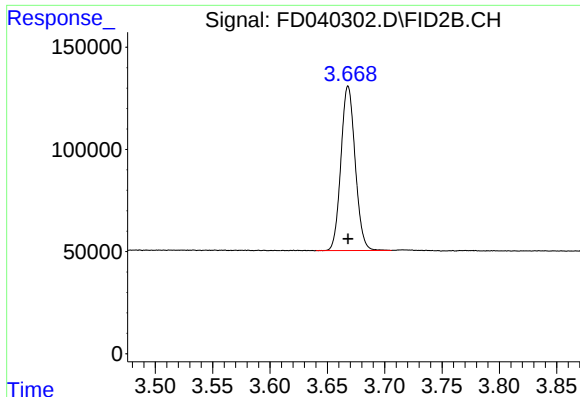
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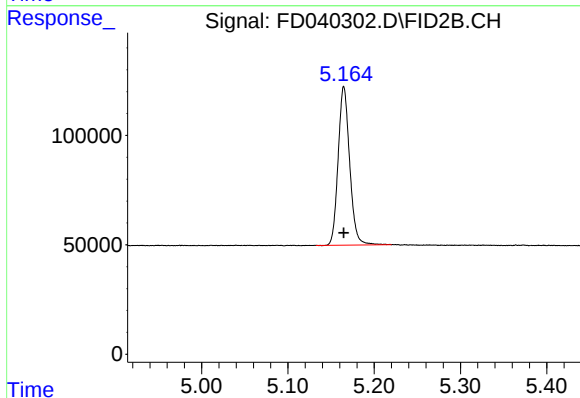




#1 1,2,3-Trimethylbenzene (C10.1)

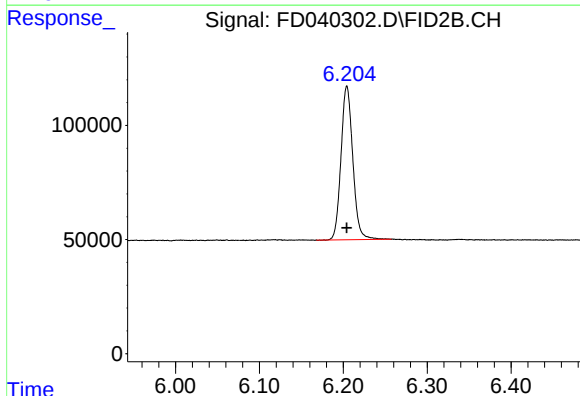
R.T.: 3.668 min
Delta R.T.: 0.000 min
Response: 696300
Conc: 4.64 ug/ml

Instrument :
FID_D
ClientSampleId :



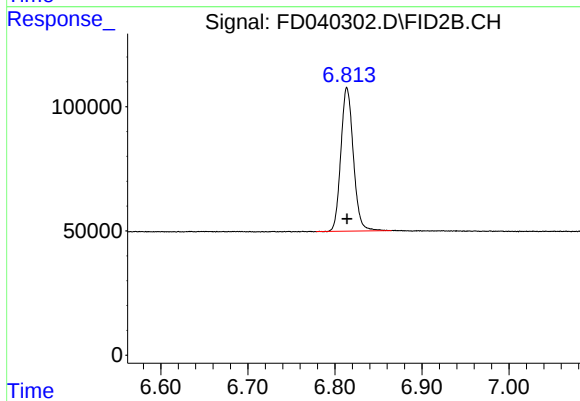
#2 Naphthalene (C11.7)

R.T.: 5.165 min
Delta R.T.: 0.000 min
Response: 672900
Conc: 4.43 ug/ml



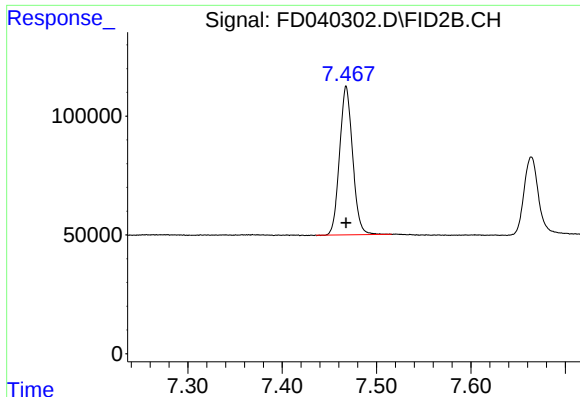
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.204 min
Delta R.T.: 0.000 min
Response: 658599
Conc: 4.35 ug/ml



#4 2-Bromonaphthalene (SURR)

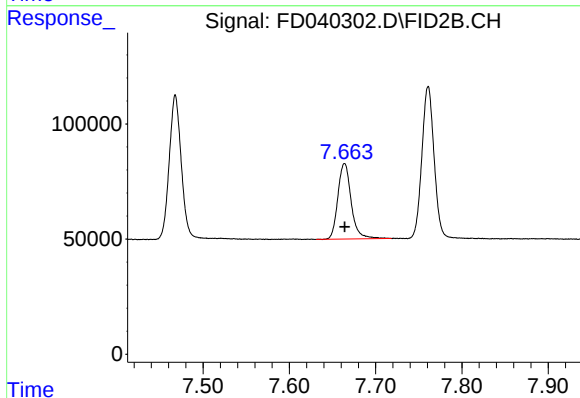
R.T.: 6.814 min
Delta R.T.: 0.000 min
Response: 575675
Conc: 4.35 ug/ml



#5 Acenaphthylene (C15.06)

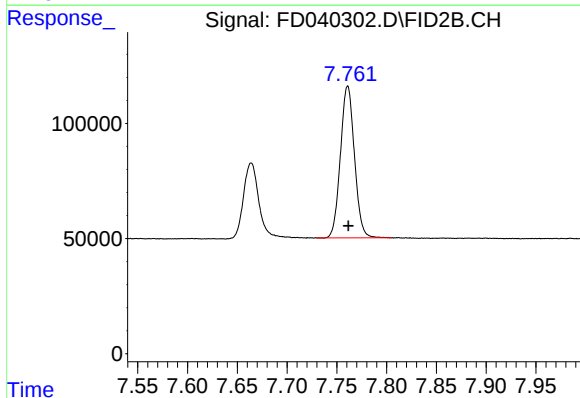
R.T.: 7.468 min
Delta R.T.: 0.000 min
Response: 600948
Conc: 4.41 ug/ml

Instrument :
FID_D
ClientSampleId :



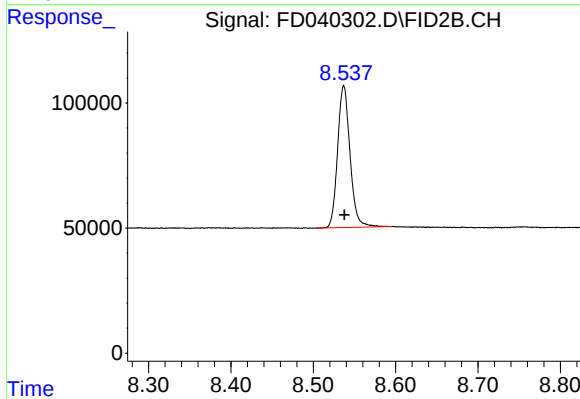
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.664 min
Delta R.T.: 0.000 min
Response: 351820
Conc: 4.10 ug/ml



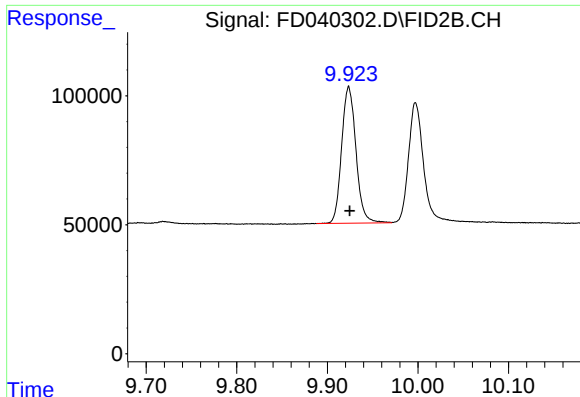
#7 Acenaphthene (C15.5)

R.T.: 7.761 min
Delta R.T.: 0.000 min
Response: 646512
Conc: 4.45 ug/ml



#8 Flouorene (C16.55)

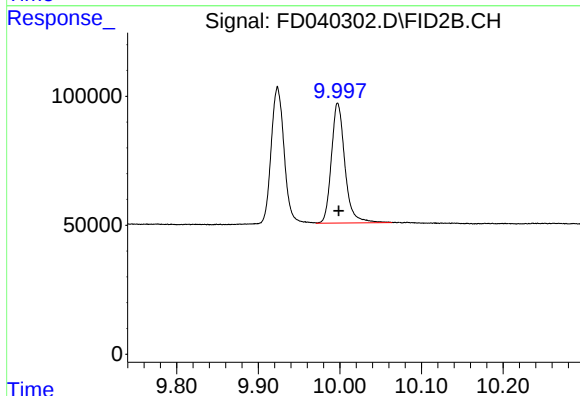
R.T.: 8.537 min
Delta R.T.: 0.000 min
Response: 593061
Conc: 4.27 ug/ml



#9 Phenanthrene (C19.36)

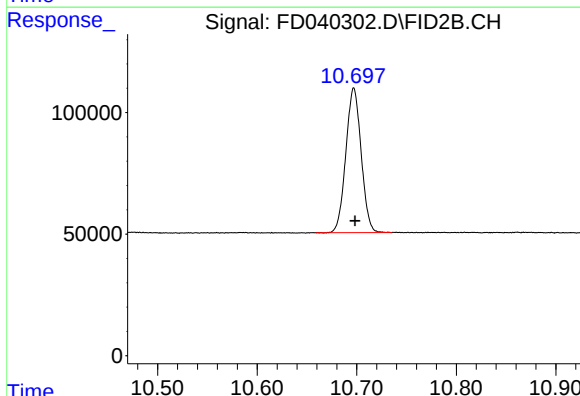
R.T.: 9.924 min
Delta R.T.: -0.001 min
Response: 582343
Conc: 4.29 ug/ml

Instrument :
FID_D
ClientSampleId :



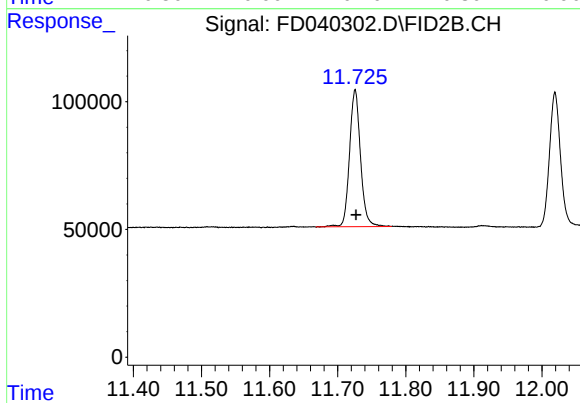
#10 Anthracene (C19.43)

R.T.: 9.997 min
Delta R.T.: -0.001 min
Response: 534164
Conc: 4.20 ug/ml



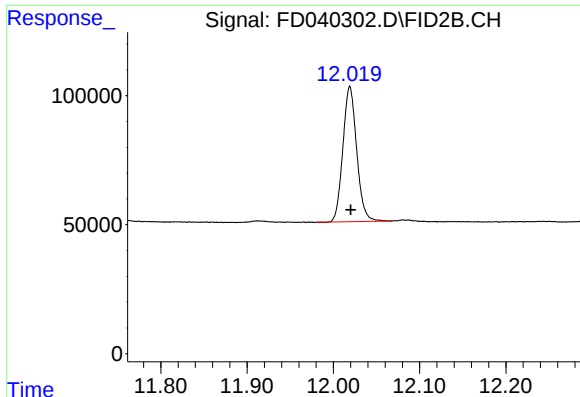
#11 ortho-Terphenyl (SURR)

R.T.: 10.697 min
Delta R.T.: -0.001 min
Response: 636355
Conc: 4.57 ug/ml



#12 Fluoranthene (C21.85)

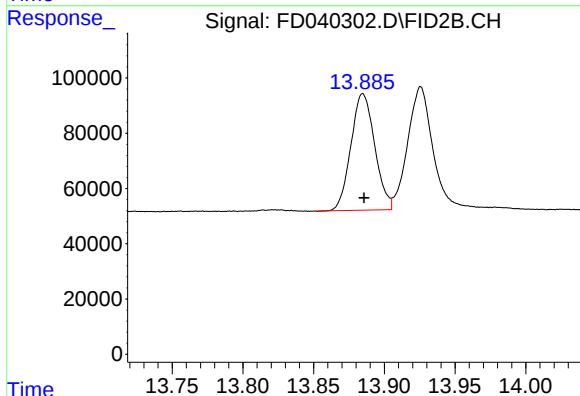
R.T.: 11.726 min
Delta R.T.: -0.001 min
Response: 599453
Conc: 4.47 ug/ml



#13 Pyrene (C20.8)

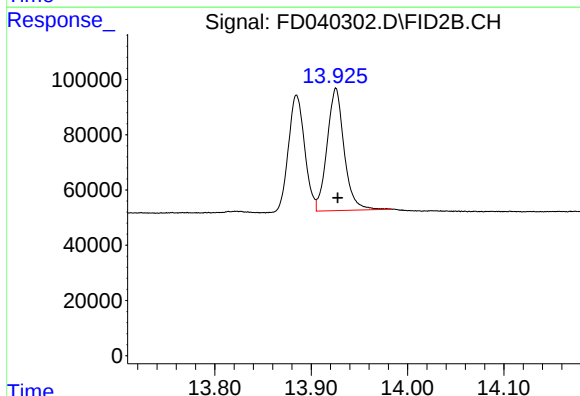
R.T.: 12.019 min
Delta R.T.: -0.001 min
Response: 583664
Conc: 4.48 ug/ml

Instrument :
FID_D
ClientSampleId :



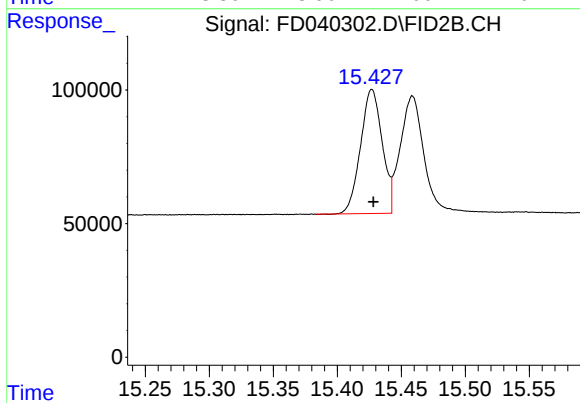
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.885 min
Delta R.T.: 0.000 min
Response: 494082
Conc: 4.17 ug/ml



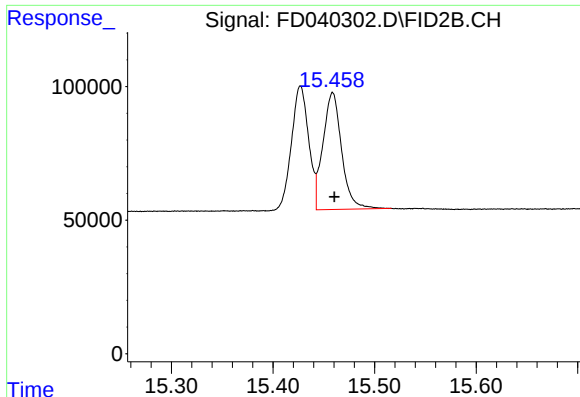
#15 Chrysene (C27.41)

R.T.: 13.926 min
Delta R.T.: -0.002 min
Response: 547374
Conc: 4.31 ug/ml



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

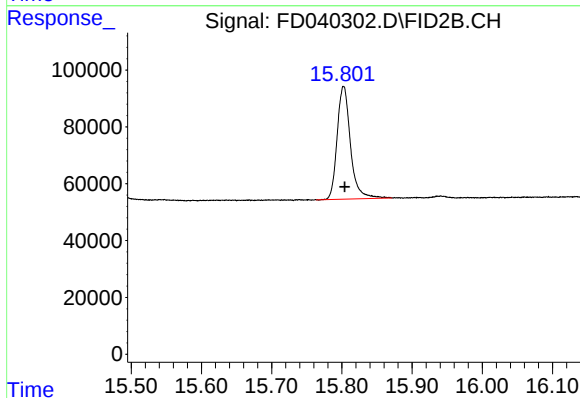
R.T.: 15.427 min
Delta R.T.: -0.001 min
Response: 545480
Conc: 4.38 ug/ml



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

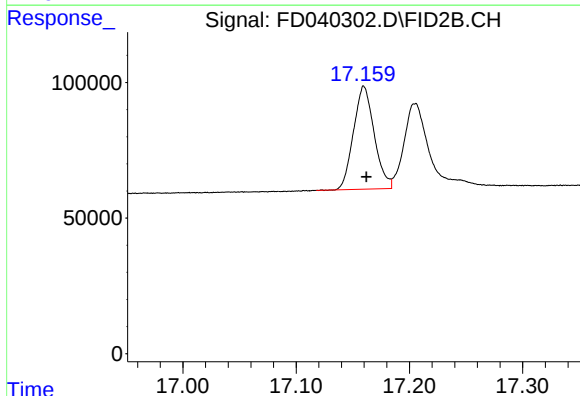
R.T.: 15.459 min
Delta R.T.: -0.002 min
Response: 559914
Conc: 4.46 ug/ml

Instrument :
FID_D
ClientSampleId :



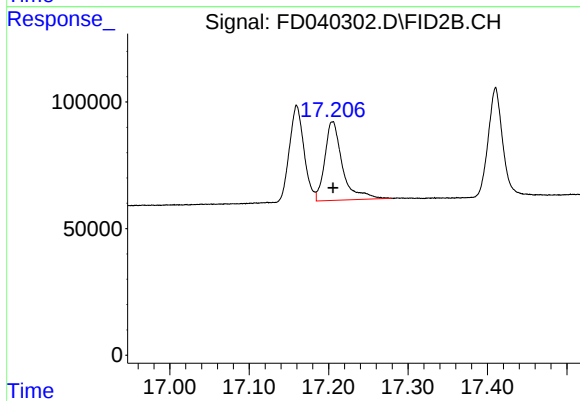
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.803 min
Delta R.T.: -0.001 min
Response: 523593
Conc: 4.30 ug/ml



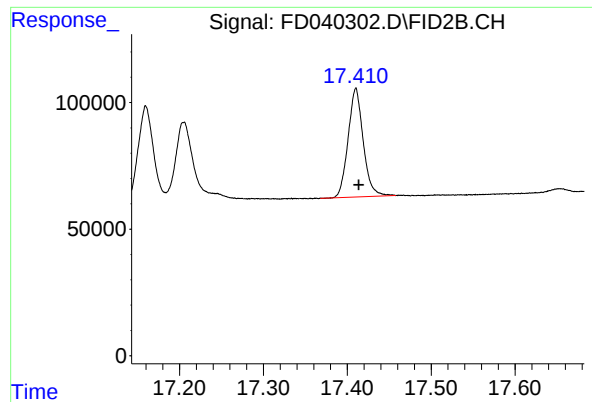
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.160 min
Delta R.T.: -0.002 min
Response: 482946
Conc: 4.11 ug/ml



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

R.T.: 17.205 min
Delta R.T.: 0.000 min
Response: 479230
Conc: 4.15 ug/ml



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

R.T.: 17.410 min
Delta R.T.: -0.003 min
Response: 536116
Conc: 4.33 ug/ml

Instrument :
FID_D
ClientSampleId :