

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020922AR\
 Data File : FD040928.D
 Signal(s) : FID2B.CH
 Acq On : 09 Feb 2022 17:48
 Operator : YP\AJ
 Sample : PB142563BSD
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB142563BSD

Integration File: autoint1.e
 Quant Time: Feb 10 00:47:41 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...	7.355	1098414	51.962 ug/ml
Spiked Amount 50.000		Recovery =	103.92%
6) S 2-Fluorobiphenyl (SURR)	8.202	701910	54.781 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	109.56%
11) S ortho-Terphenyl (SURR)	11.234	1313795	45.275 ug/ml
Spiked Amount 50.000		Recovery =	90.55%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.171	983636	38.761 ug/ml
2) T Naphthalene (C11.7)	5.697	1053587	45.369 ug/ml
3) T 2-Methylnaphthalene (...)	6.742	1051854	44.488 ug/ml
5) T Acenaphthylene (C15.06)	8.004	1171011	43.638 ug/ml
7) T Acenaphthene (C15.5)	8.297	1278861	42.452 ug/ml
8) T Flouorene (C16.55)	9.075	1238157	49.761 ug/ml
9) T Phenanthrene (C19.36)	10.459	1308717	53.112 ug/ml
10) T Anthracene (C19.43)	10.534	1344060	51.520 ug/ml
12) T Fluoranthene (C21.85)	12.260	1502112	56.388 ug/ml
13) T Pyrene (C20.8)	12.552	1354206	50.057 ug/ml
14) T Benzo[a]anthracene (C...	14.419	1269603	56.989 ug/ml
15) T Chrysene (C27.41)	14.459	1390731	44.187 ug/ml
16) T benzo[b]fluoranthene ...	15.961	1327431	53.356 ug/ml
17) T Bnezo[k]fluoranthene ...	15.992	1434182	46.994 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.336	1286260	50.457 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.696	1180396	50.013 ug/ml
20) T Dibenz[a,h]anthracene...	17.738	1411427	47.635 ug/ml
21) T Benzo[g,h,i]perylene ...	17.944	1342011	50.537 ug/ml

(f)=RT Delta > 1/2 Window

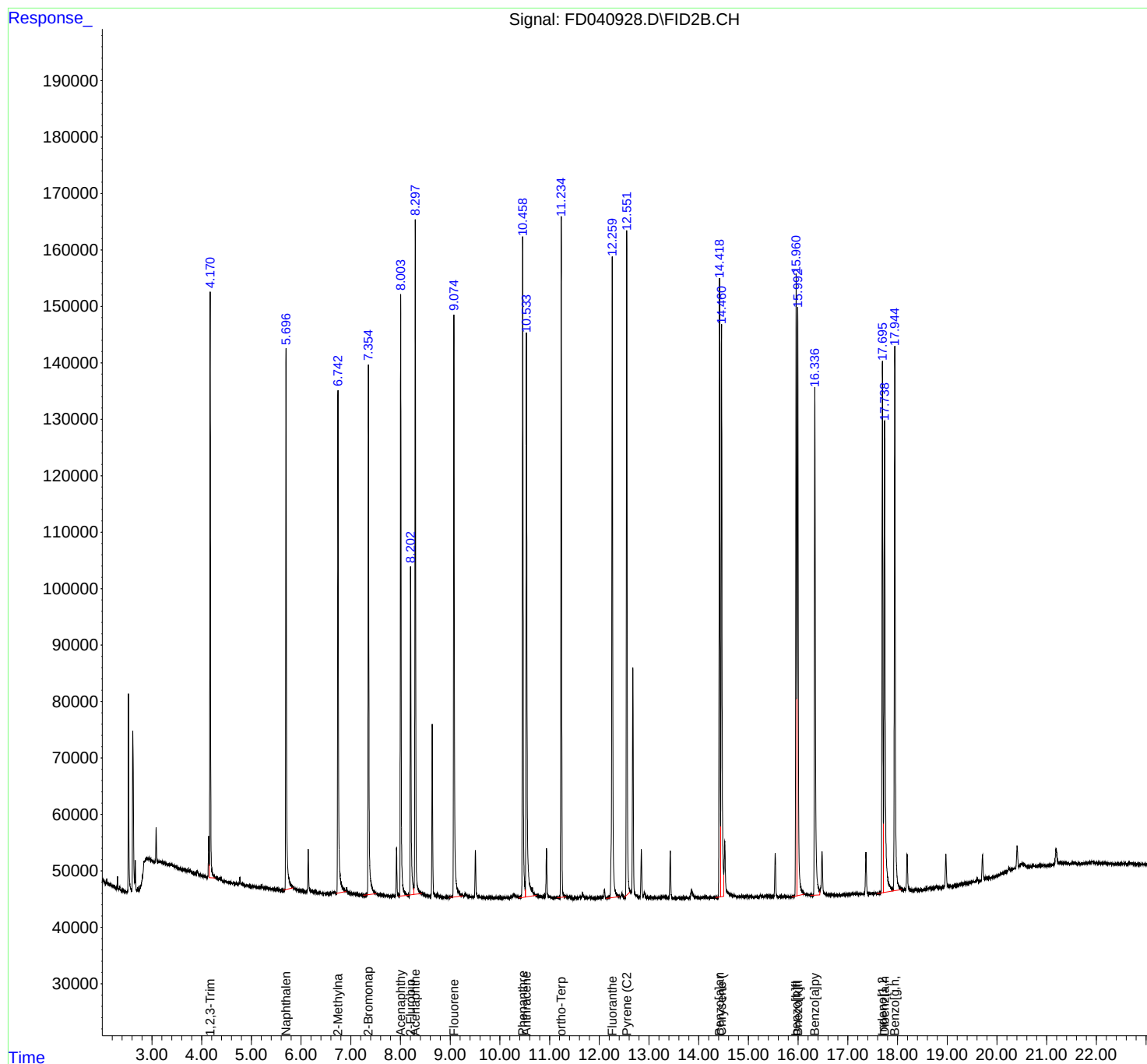
(m)=manual int.

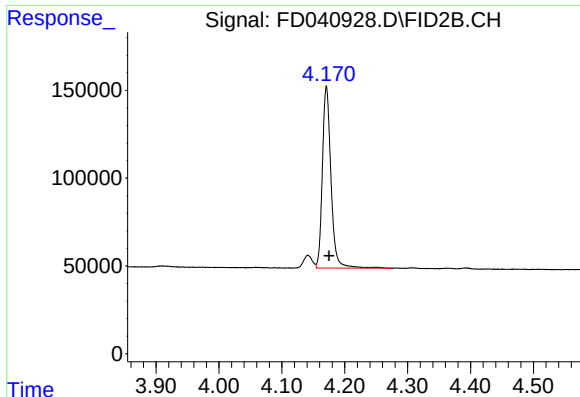
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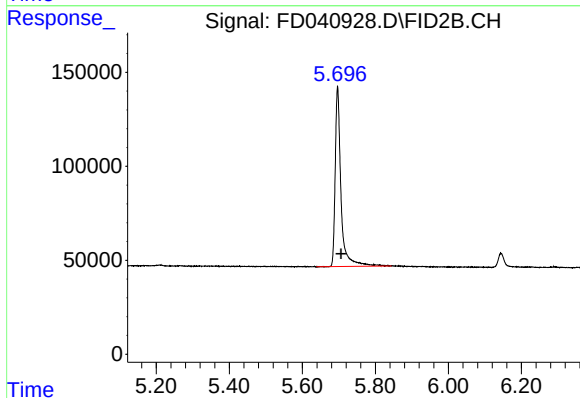




#1 1,2,3-Trimethylbenzene (C10.1)

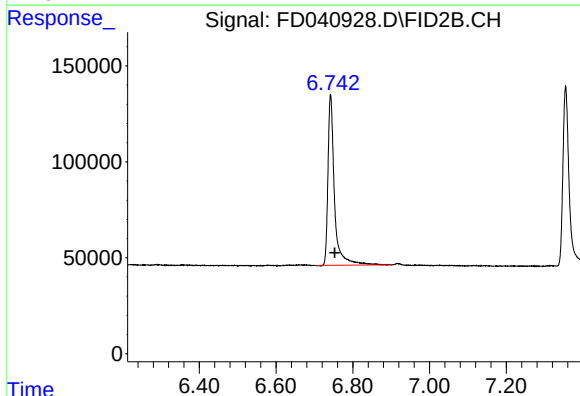
R.T.: 4.171 min
Delta R.T.: -0.004 min
Response: 983636
Conc: 38.76 ug/ml

Instrument :
FID_D
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PB142563BSD



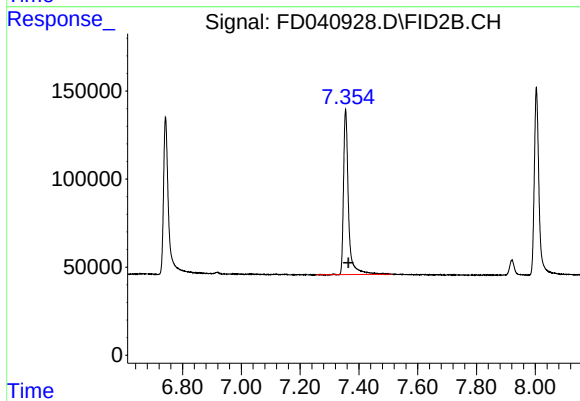
#2 Naphthalene (C11.7)

R.T.: 5.697 min
Delta R.T.: -0.009 min
Response: 1053587
Conc: 45.37 ug/ml



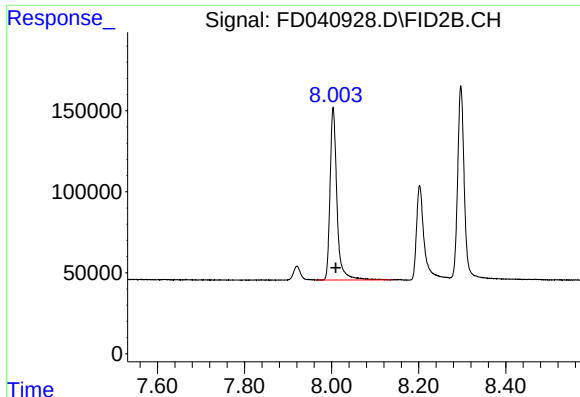
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.742 min
Delta R.T.: -0.011 min
Response: 1051854
Conc: 44.49 ug/ml



#4 2-Bromonaphthalene (SURR)

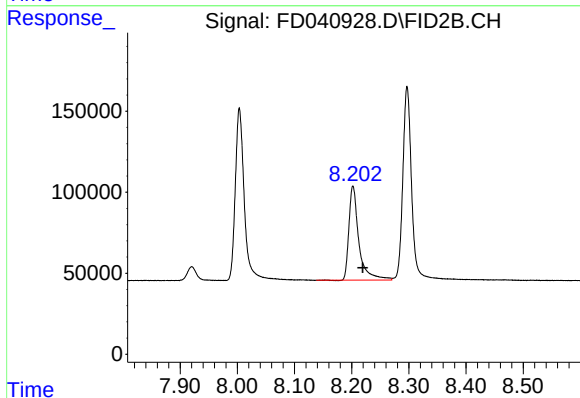
R.T.: 7.355 min
Delta R.T.: -0.009 min
Response: 1098414
Conc: 51.96 ug/ml



#5 Acenaphthylene (C15.06)

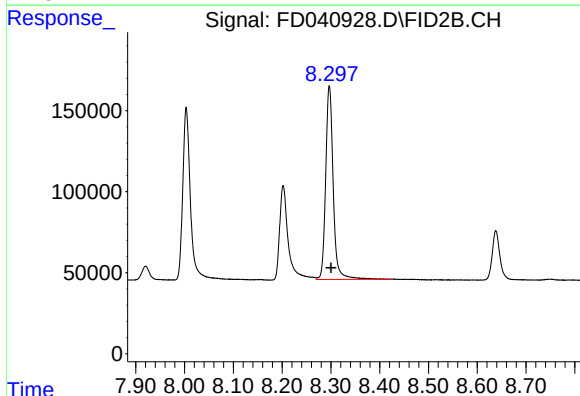
R.T.: 8.004 min
Delta R.T.: -0.006 min
Response: 1171011
Conc: 43.64 ug/ml

Instrument :
FID_D
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PB142563BSD



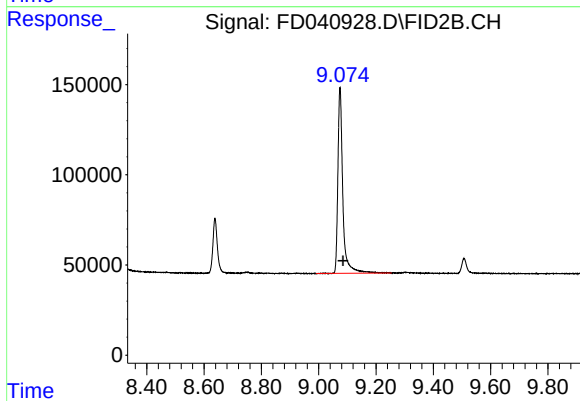
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.202 min
Delta R.T.: -0.017 min
Response: 701910
Conc: 54.78 ug/ml



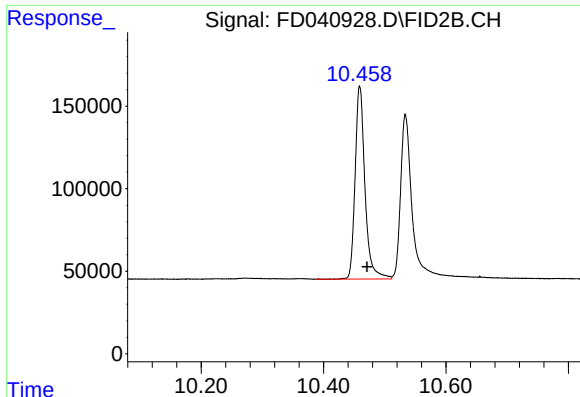
#7 Acenaphthene (C15.5)

R.T.: 8.297 min
Delta R.T.: -0.003 min
Response: 1278861
Conc: 42.45 ug/ml



#8 Flouorene (C16.55)

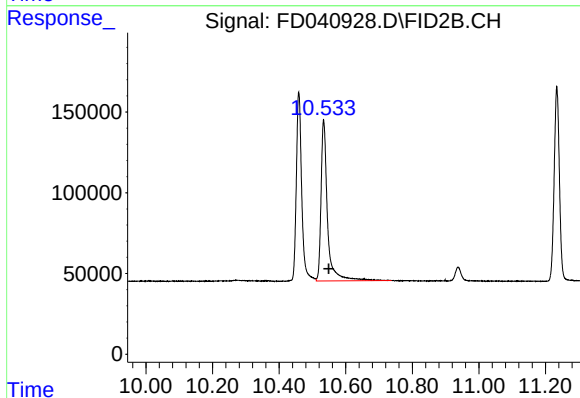
R.T.: 9.075 min
Delta R.T.: -0.011 min
Response: 1238157
Conc: 49.76 ug/ml



#9 Phenanthrene (C19.36)

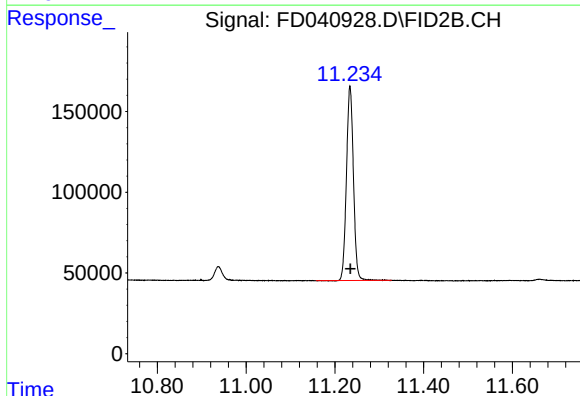
R.T.: 10.459 min
Delta R.T.: -0.012 min
Response: 1308717
Conc: 53.11 ug/ml

Instrument :
FID_D
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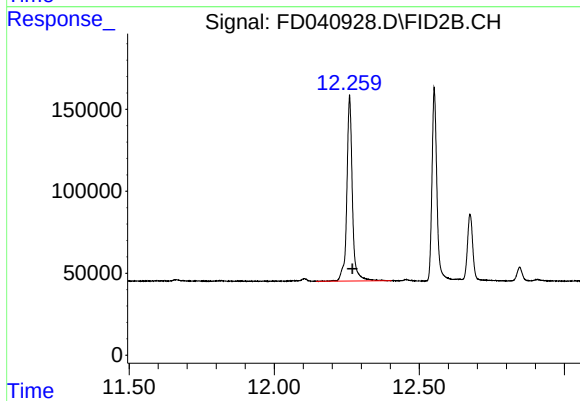
#10 Anthracene (C19.43)

R.T.: 10.534 min
Delta R.T.: -0.015 min
Response: 1344060
Conc: 51.52 ug/ml



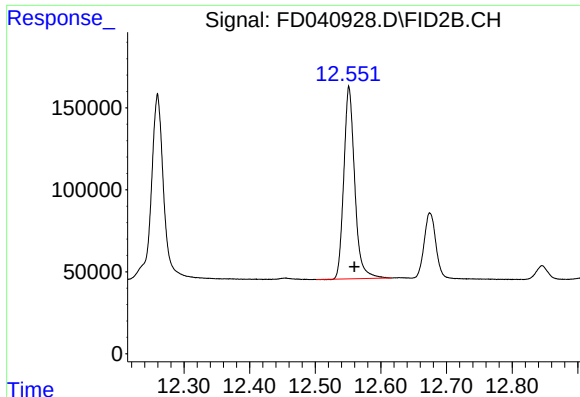
#11 ortho-Terphenyl (SURR)

R.T.: 11.234 min
Delta R.T.: -0.001 min
Response: 1313795
Conc: 45.28 ug/ml



#12 Fluoranthene (C21.85)

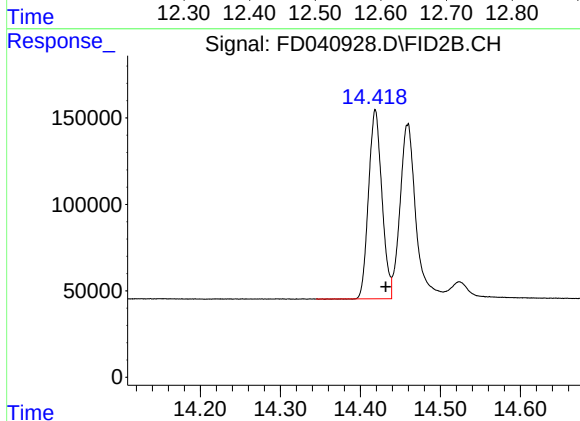
R.T.: 12.260 min
Delta R.T.: -0.009 min
Response: 1502112
Conc: 56.39 ug/ml



#13 Pyrene (C20.8)

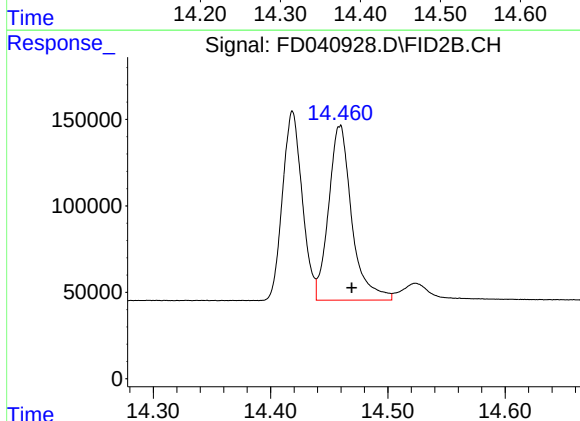
R.T.: 12.552 min
Delta R.T.: -0.008 min
Response: 1354206
Conc: 50.06 ug/ml

Instrument :
FID_D
ClientSampleId :
PB142563BSD



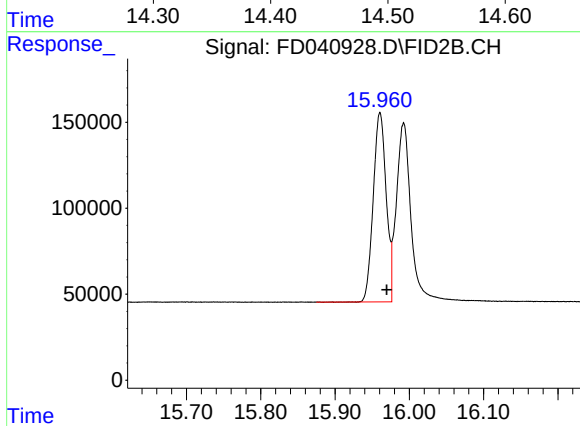
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.419 min
Delta R.T.: -0.013 min
Response: 1269603
Conc: 56.99 ug/ml



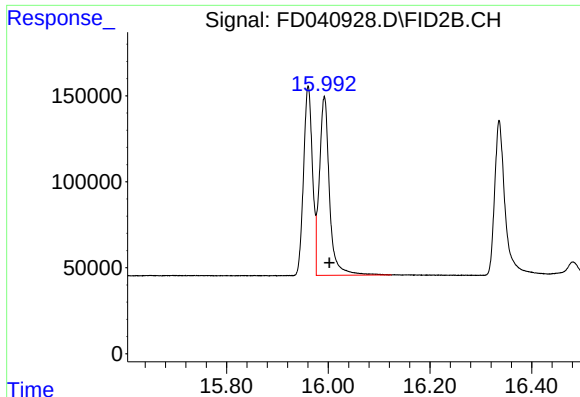
#15 Chrysene (C27.41)

R.T.: 14.459 min
Delta R.T.: -0.010 min
Response: 1390731
Conc: 44.19 ug/ml



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

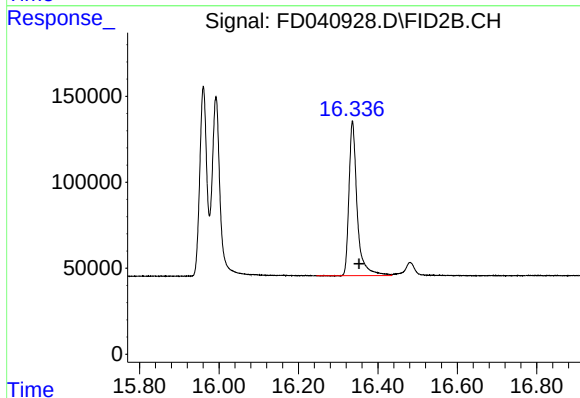
R.T.: 15.961 min
Delta R.T.: -0.009 min
Response: 1327431
Conc: 53.36 ug/ml



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

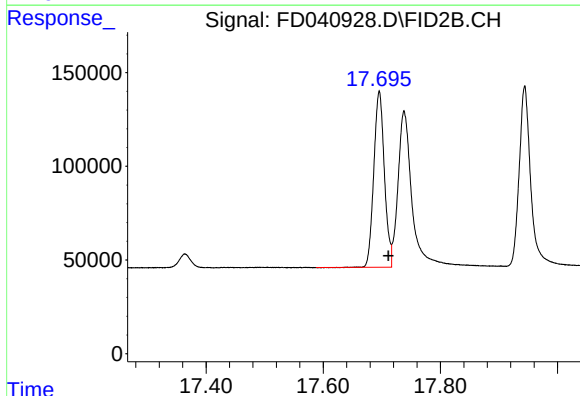
R.T.: 15.992 min
Delta R.T.: -0.010 min
Response: 1434182
Conc: 46.99 ug/ml

Instrument :
FID_D
ClientSampleId :
PB142563BSD



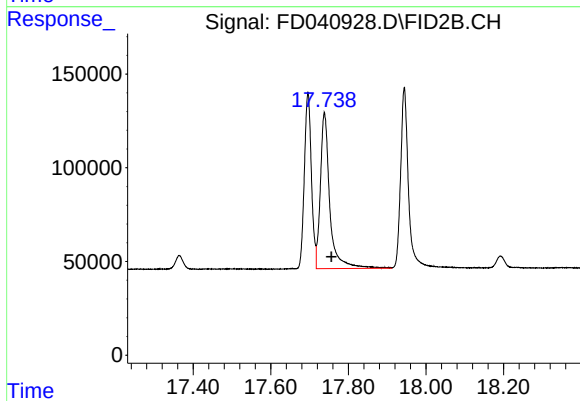
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.336 min
Delta R.T.: -0.017 min
Response: 1286260
Conc: 50.46 ug/ml



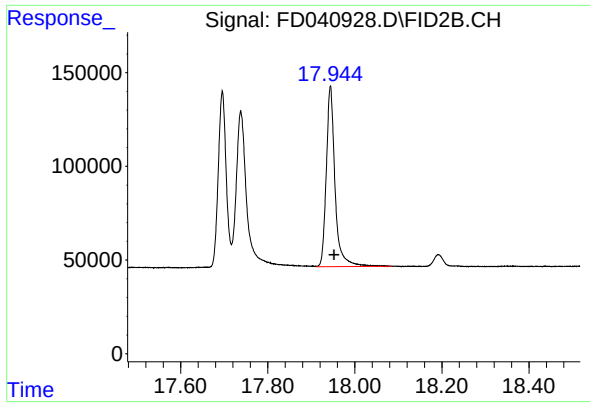
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.696 min
Delta R.T.: -0.015 min
Response: 1180396
Conc: 50.01 ug/ml



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

R.T.: 17.738 min
Delta R.T.: -0.018 min
Response: 1411427
Conc: 47.63 ug/ml



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

R.T.: 17.944 min
Delta R.T.: -0.008 min
Response: 1342011
Conc: 50.54 ug/ml

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ClientSampleId :
PB142563BSD