

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021722AR\
 Data File : FD041174.D
 Signal(s) : FID2B.CH
 Acq On : 17 Feb 2022 13:44
 Operator : YP\AJ
 Sample : PB142729BS
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB142729BS

Integration File: sample.E
 Quant Time: Feb 18 01:09:12 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...	7.349	1045517	49.459 ug/ml
Spiked Amount 50.000		Recovery =	98.92%
6) S 2-Fluorobiphenyl (SURR)	8.196	691071	53.935 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	107.87%
11) S ortho-Terphenyl (SURR)	11.230	1094843	37.730 ug/ml
Spiked Amount 50.000		Recovery =	75.46%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.165	901719	35.533 ug/ml
2) T Naphthalene (C11.7)	5.690	1011886	43.573 ug/ml
3) T 2-Methylnaphthalene (...)	6.736	1033139	43.697 ug/ml
5) T Acenaphthylene (C15.06)	7.999	1122670	41.836 ug/ml
7) T Acenaphthene (C15.5)	8.293	1245649	41.350 ug/ml
8) T Fluorene (C16.55)	9.070	1192756	47.936 ug/ml
9) T Phenanthrene (C19.36)	10.456	1250870	50.764 ug/ml
10) T Anthracene (C19.43)	10.530	1254851	48.101 ug/ml
12) T Fluoranthene (C21.85)	12.256	1409519	52.912 ug/ml
13) T Pyrene (C20.8)	12.549	1264776	46.751 ug/ml
14) T Benzo[a]anthracene (C...	14.417	1207443	54.199 ug/ml
15) T Chrysene (C27.41)	14.458	1266999	40.255 ug/ml
16) T benzo[b]fluoranthene ...	15.960	1262686	50.753 ug/ml
17) T Bnezo[k]fluoranthene ...	15.991	1294283	42.410 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.335	1222879	47.971 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.696	1166594	49.428 ug/ml
20) T Dibenz[a,h]anthracene...	17.738	1267634	42.782 ug/ml
21) T Benzo[g,h,i]perylene ...	17.945	1255736	47.288 ug/ml

(f)=RT Delta > 1/2 Window

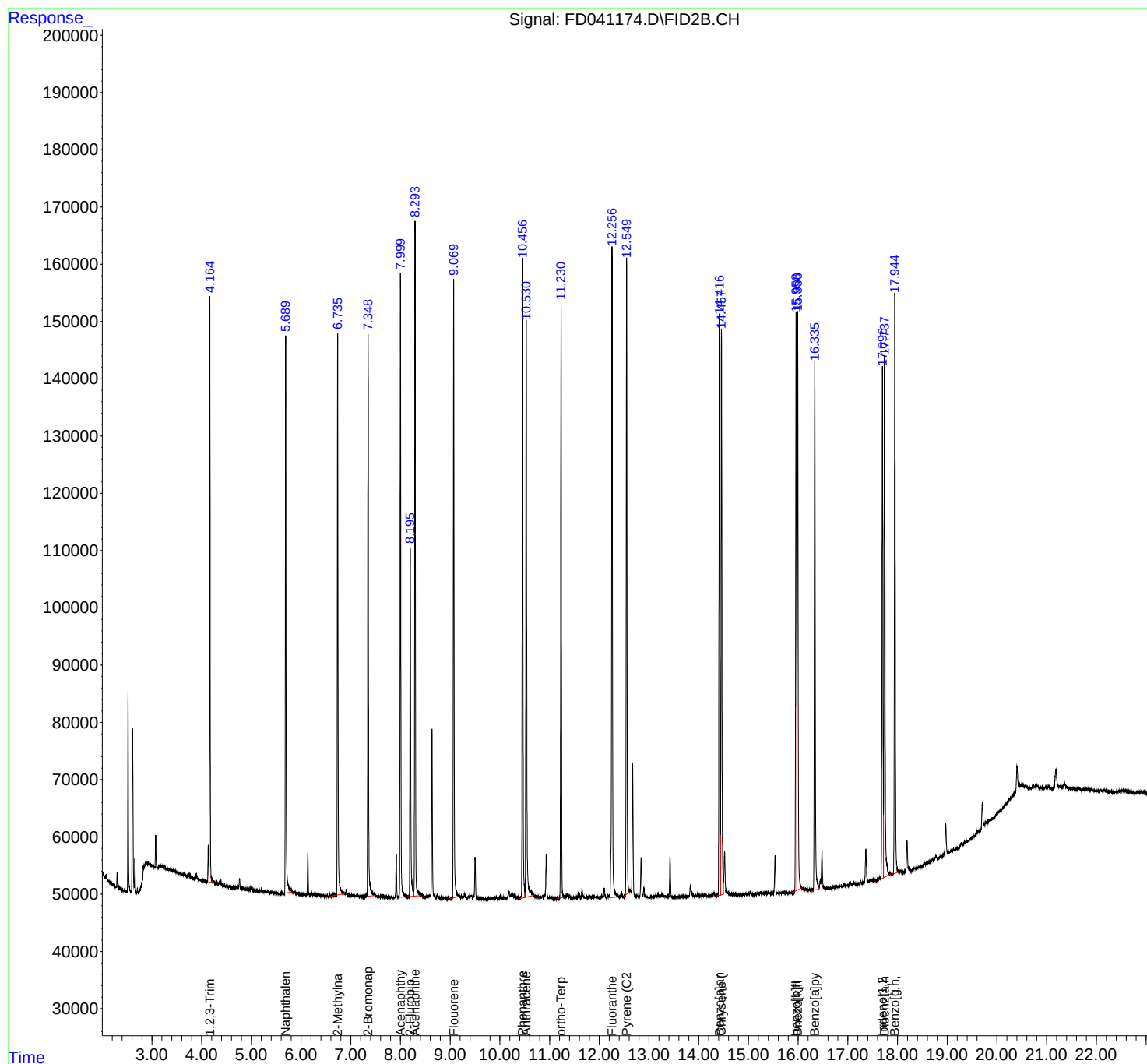
(m)=manual int.

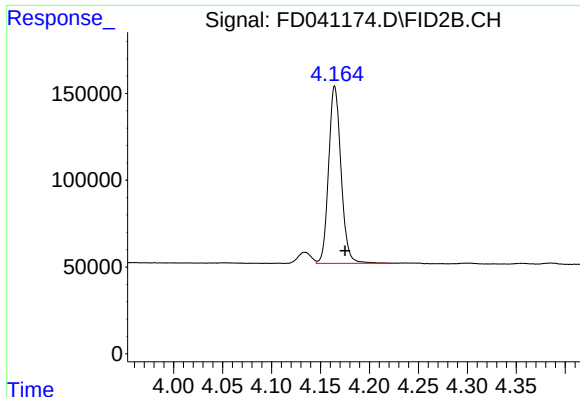
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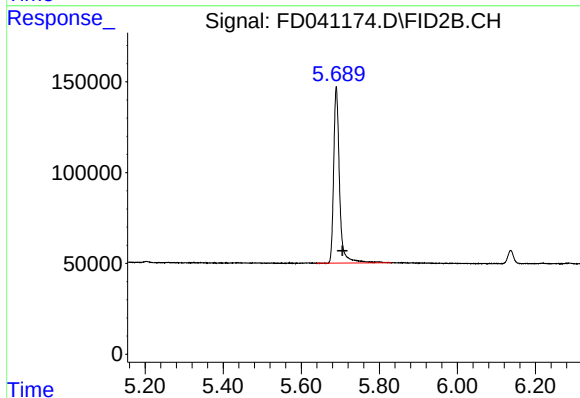




#1 1,2,3-Trimethylbenzene (C10.1)

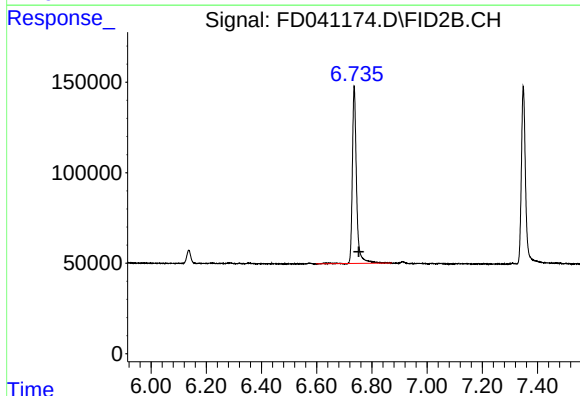
R.T.: 4.165 min
Delta R.T.: -0.010 min
Response: 901719
Conc: 35.53 ug/ml

Instrument :
FID_D
ClientSampleId :
PB142729BS



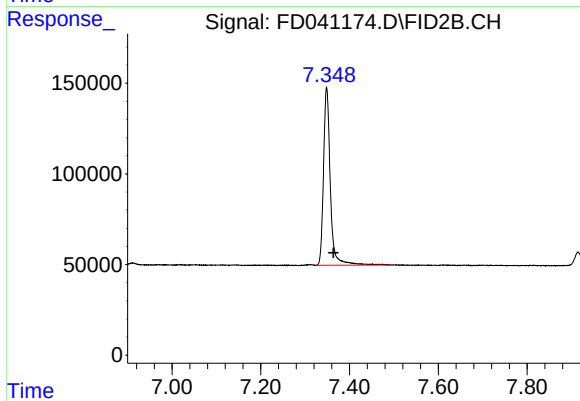
#2 Naphthalene (C11.7)

R.T.: 5.690 min
Delta R.T.: -0.016 min
Response: 1011886
Conc: 43.57 ug/ml



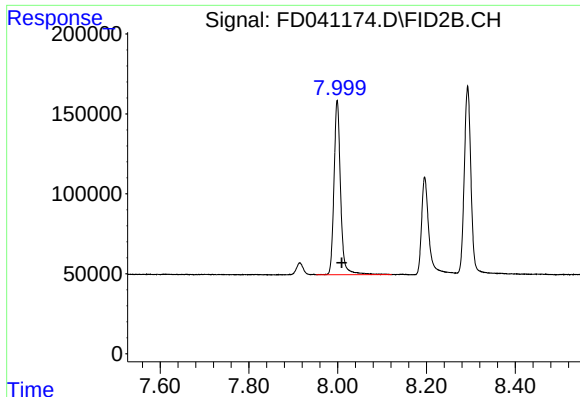
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.736 min
Delta R.T.: -0.017 min
Response: 1033139
Conc: 43.70 ug/ml



#4 2-Bromonaphthalene (SURR)

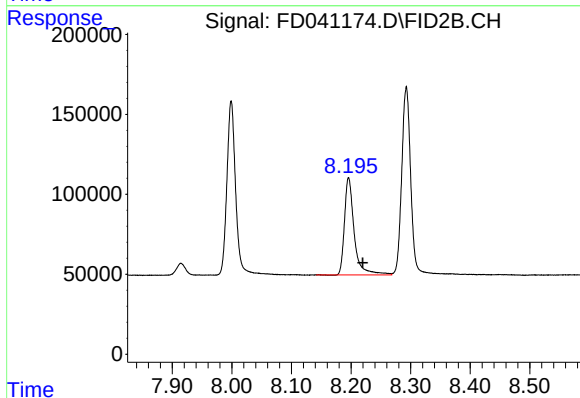
R.T.: 7.349 min
Delta R.T.: -0.016 min
Response: 1045517
Conc: 49.46 ug/ml



#5 Acenaphthylene (C15.06)

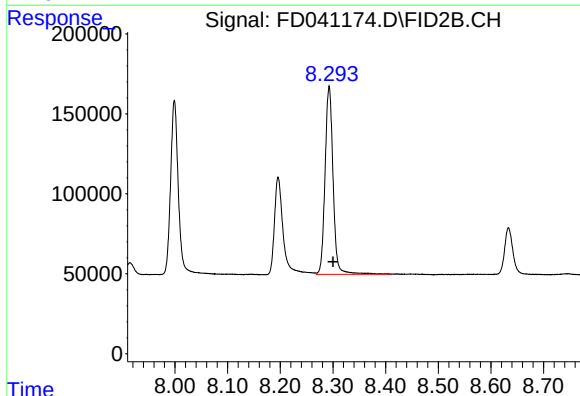
R.T.: 7.999 min
Delta R.T.: -0.010 min
Response: 1122670
Conc: 41.84 ug/ml

Instrument :
FID_D
ClientSampleId :
PB142729BS



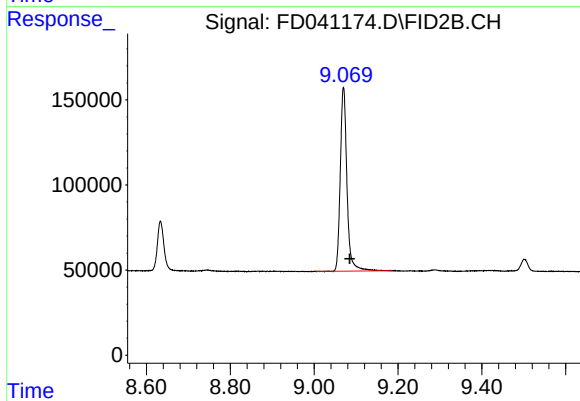
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.196 min
Delta R.T.: -0.023 min
Response: 691071
Conc: 53.93 ug/ml



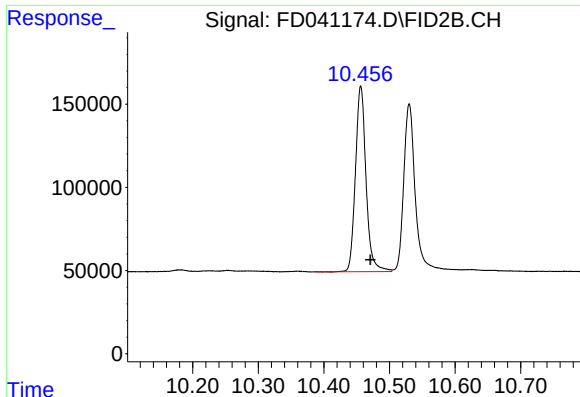
#7 Acenaphthene (C15.5)

R.T.: 8.293 min
Delta R.T.: -0.008 min
Response: 1245649
Conc: 41.35 ug/ml



#8 Flouorene (C16.55)

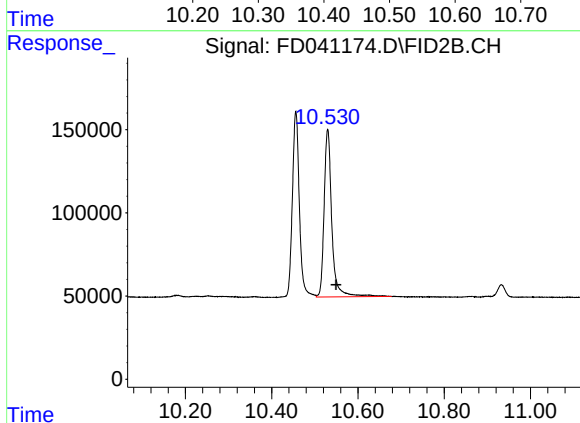
R.T.: 9.070 min
Delta R.T.: -0.015 min
Response: 1192756
Conc: 47.94 ug/ml



#9 Phenanthrene (C19.36)

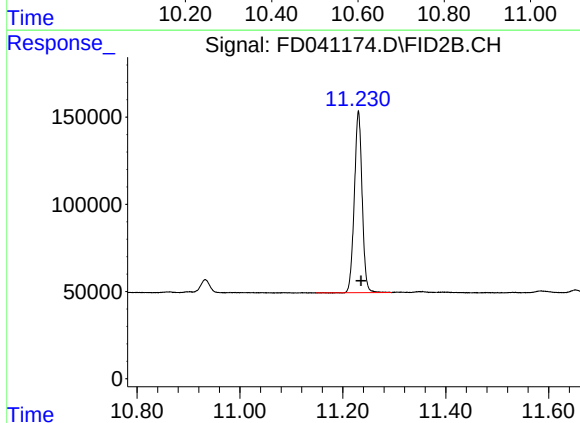
R.T.: 10.456 min
Delta R.T.: -0.015 min
Response: 1250870
Conc: 50.76 ug/ml

Instrument :
FID_D
ClientSampleId :
PB142729BS



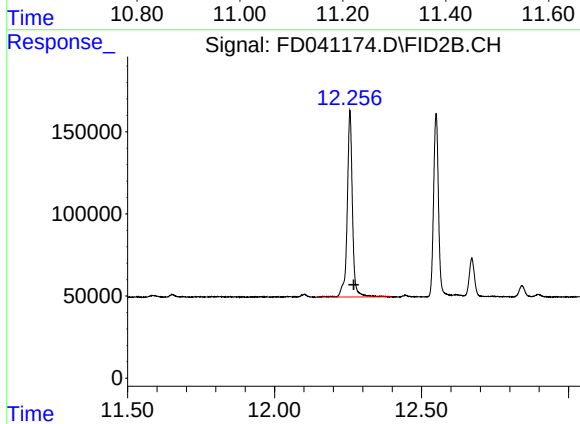
#10 Anthracene (C19.43)

R.T.: 10.530 min
Delta R.T.: -0.019 min
Response: 1254851
Conc: 48.10 ug/ml



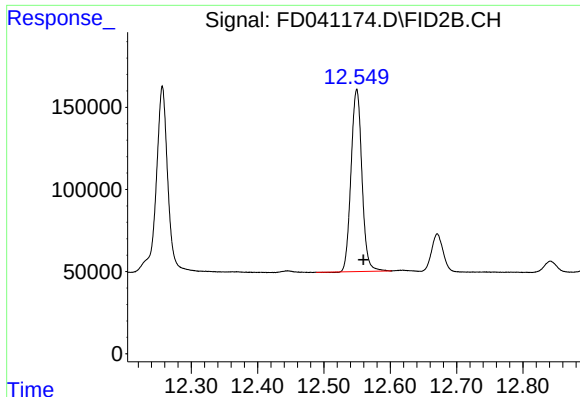
#11 ortho-Terphenyl (SURR)

R.T.: 11.230 min
Delta R.T.: -0.005 min
Response: 1094843
Conc: 37.73 ug/ml



#12 Fluoranthene (C21.85)

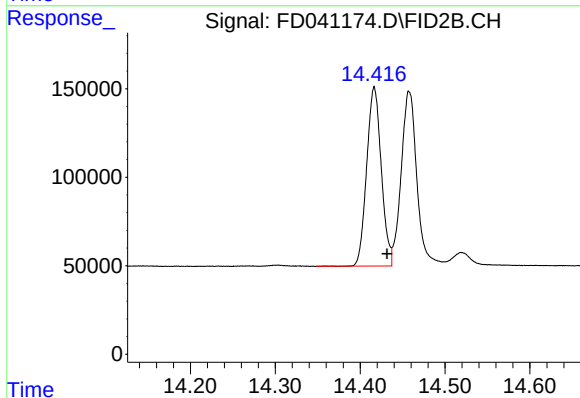
R.T.: 12.256 min
Delta R.T.: -0.013 min
Response: 1409519
Conc: 52.91 ug/ml



#13 Pyrene (C20.8)

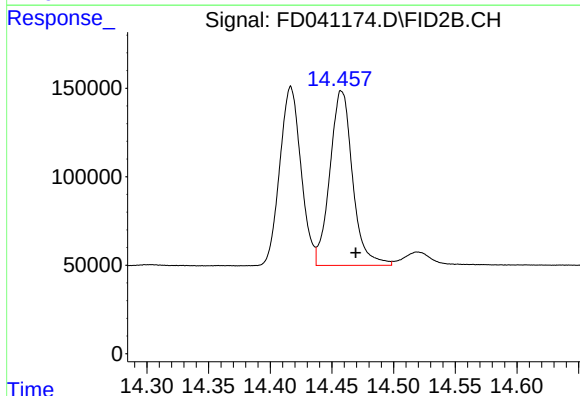
R.T.: 12.549 min
Delta R.T.: -0.010 min
Response: 1264776
Conc: 46.75 ug/ml

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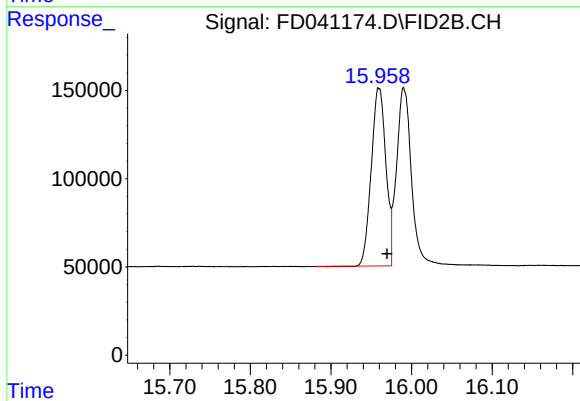
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.417 min
Delta R.T.: -0.015 min
Response: 1207443
Conc: 54.20 ug/ml



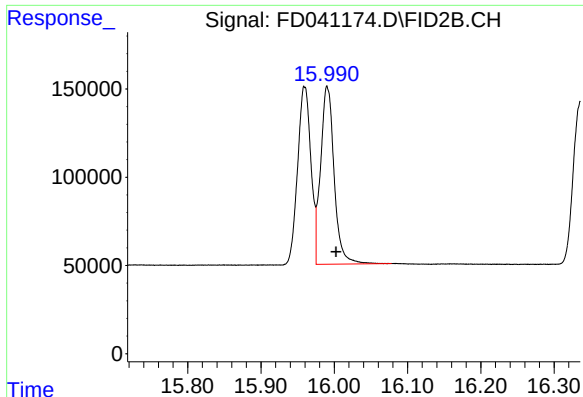
#15 Chrysene (C27.41)

R.T.: 14.458 min
Delta R.T.: -0.011 min
Response: 1266999
Conc: 40.26 ug/ml



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

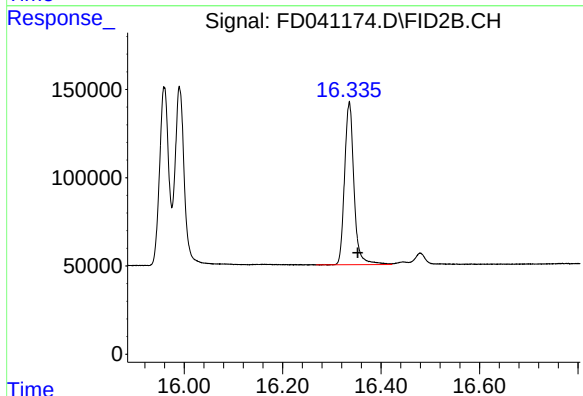
R.T.: 15.960 min
Delta R.T.: -0.010 min
Response: 1262686
Conc: 50.75 ug/ml



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

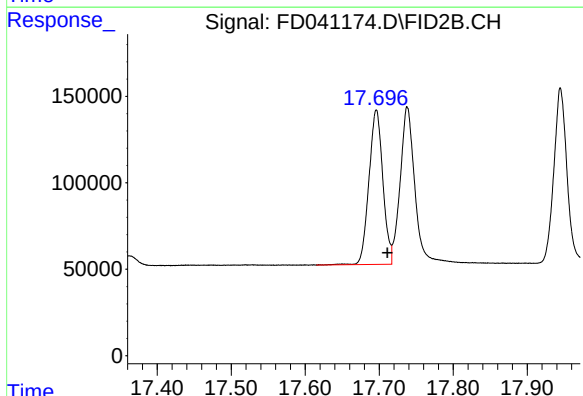
R.T.: 15.991 min
Delta R.T.: -0.012 min
Response: 1294283
Conc: 42.41 ug/ml

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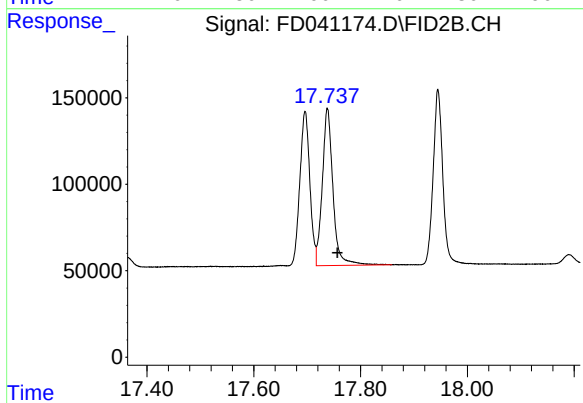
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.335 min
Delta R.T.: -0.018 min
Response: 1222879
Conc: 47.97 ug/ml



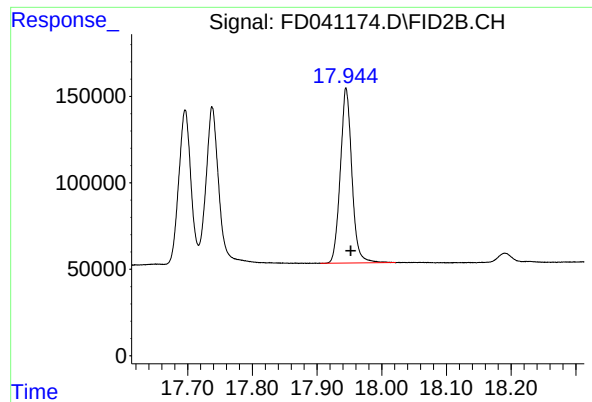
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.696 min
Delta R.T.: -0.015 min
Response: 1166594
Conc: 49.43 ug/ml



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

R.T.: 17.738 min
Delta R.T.: -0.018 min
Response: 1267634
Conc: 42.78 ug/ml



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

R.T.: 17.945 min
Delta R.T.: -0.007 min
Response: 1255736
Conc: 47.29 ug/ml

Instrument :

FID_D

ClientSampleId :

PB142729BS