

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD123021AR\
 Data File : FD040307.D
 Signal(s) : FID2B.CH
 Acq On : 30 Dec 2021 19:10
 Operator : AJ\MA
 Sample : PB141625BS
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 31 03:41:58 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 123021.M
 Quant Title : GC Extractables
 QLast Update : Thu Dec 30 16:15:14 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	5780028	43.990 ug/ml
Spiked Amount 50.000		Recovery =	87.98%
6) S 2-Fluorobiphenyl (SURR)	7.665	4905685	57.775 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	115.55%
11) S ortho-Terphenyl (SURR)	10.702	8926538	63.885 ug/ml
Spiked Amount 50.000		Recovery =	127.77%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	3.667	1657727	11.022 ug/ml
2) T Naphthalene (C11.7)	5.163	2899420	19.219 ug/ml
3) T 2-Methylnaphthalene (...)	6.203	4086255	27.214 ug/ml
5) T Acenaphthylene (C15.06)	7.469	5734626	42.123 ug/ml
7) T Acenaphthene (C15.5)	7.764	6566385	45.202 ug/ml
8) T Fluorene (C16.55)	8.542	7660905	55.479 ug/ml
9) T Phenanthrene (C19.36)	9.931	8680338	64.389 ug/ml
10) T Anthracene (C19.43)	10.006	8295535	65.962 ug/ml
12) T Fluoranthene (C21.85)	11.735	8892680	66.213 ug/ml
13) T Pyrene (C20.8)	12.030	8773243	67.161 ug/ml
14) T Benzo[a]anthracene (C...	13.896	8357114	71.525 ug/ml
15) T Chrysene (C27.41)	13.942	8242778	65.930 ug/ml
16) T benzo[b]fluoranthene ...	15.442	8511402	68.619 ug/ml
17) T Bnezo[k]fluoranthene ...	15.442	8511402	68.499 ug/ml
18) T Benzo[a]pyrene (C31.34)	15.818	7497437	62.281 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.181	7579287	65.303 ug/ml
20) T Dibenz[a,h]anthracene...	17.224	7603162	66.894 ug/ml
21) T Benzo[g,h,i]perylene ...	17.439	7997536	65.532 ug/ml

(f)=RT Delta > 1/2 Window

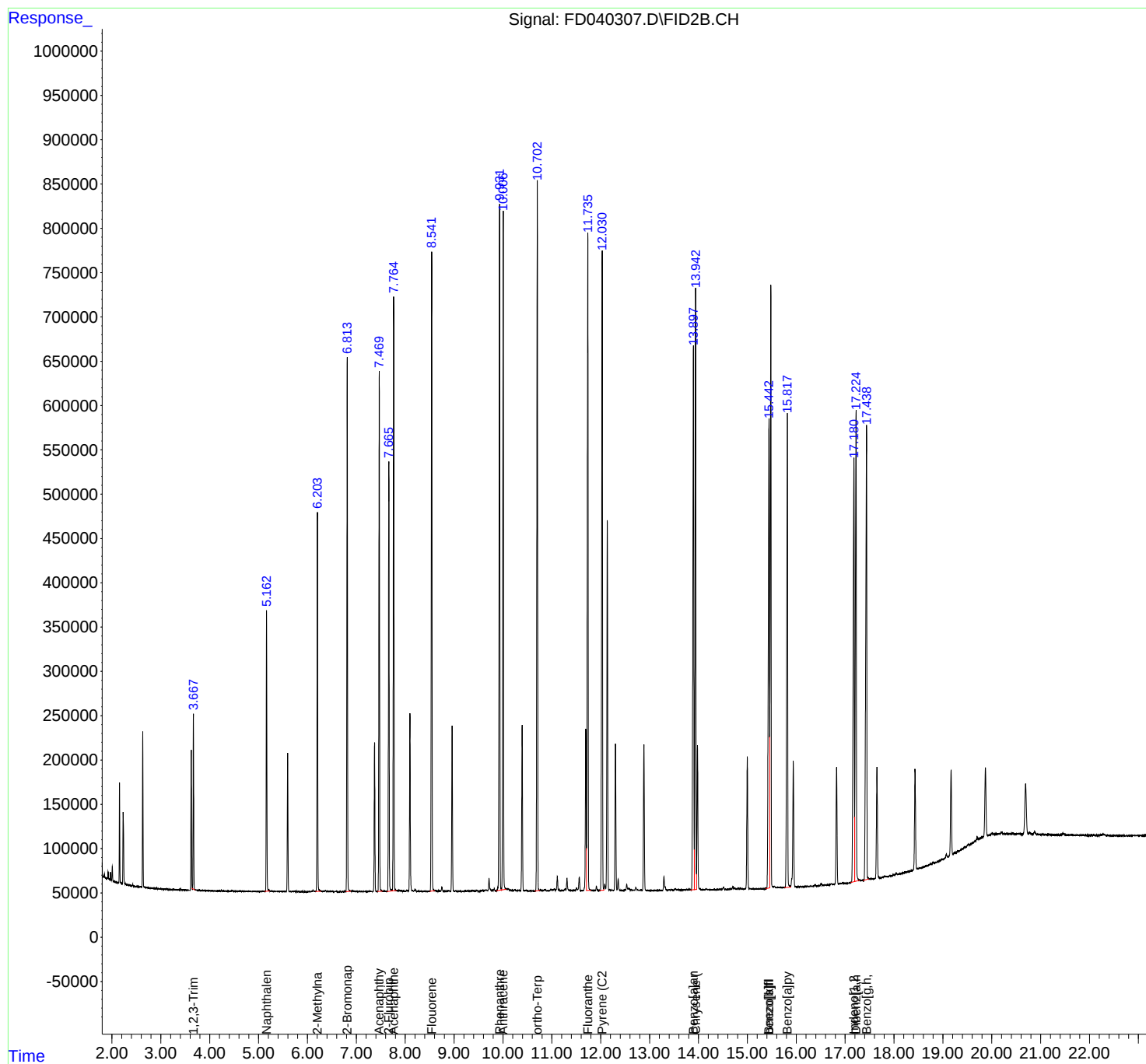
(m)=manual int.

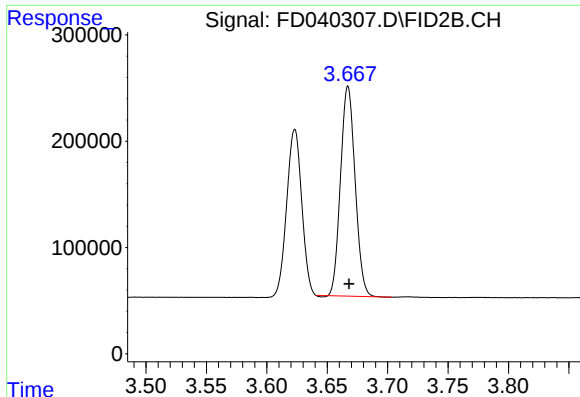
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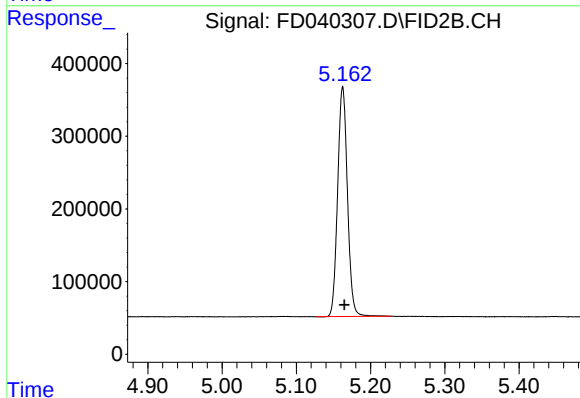




#1 1,2,3-Trimethylbenzene (C10.1)

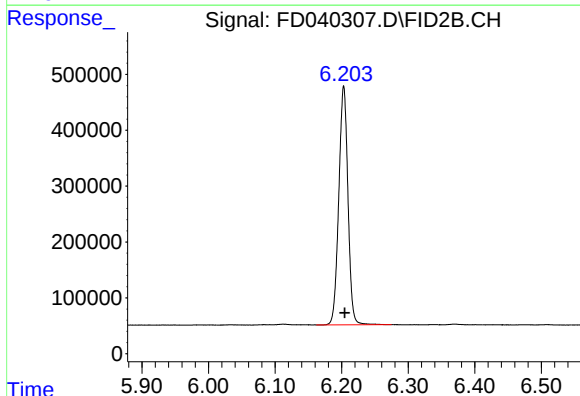
R.T.: 3.667 min
Delta R.T.: 0.000 min
Response: 1657727
Conc: 11.02 ug/ml

Instrument :
FID_D
ClientSampleId :



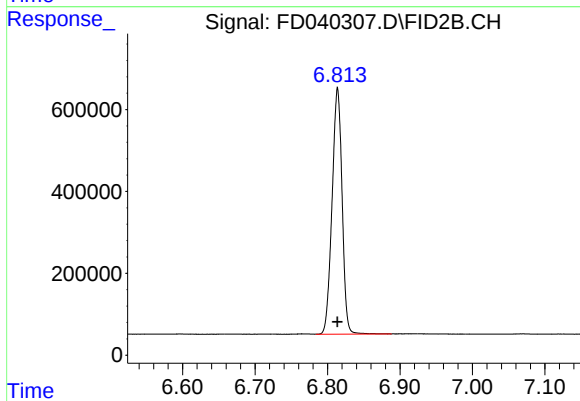
#2 Naphthalene (C11.7)

R.T.: 5.163 min
Delta R.T.: -0.002 min
Response: 2899420
Conc: 19.22 ug/ml



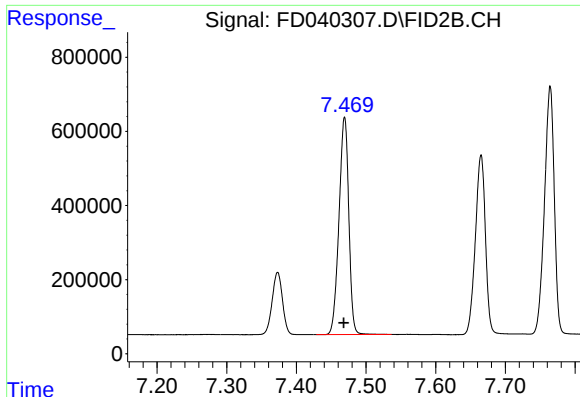
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.203 min
Delta R.T.: -0.001 min
Response: 4086255
Conc: 27.21 ug/ml



#4 2-Bromonaphthalene (SURR)

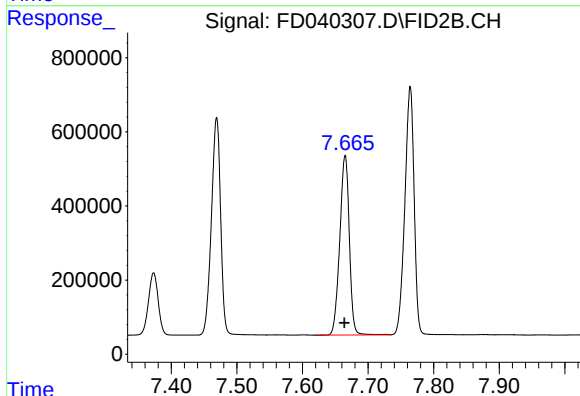
R.T.: 6.814 min
Delta R.T.: 0.000 min
Response: 5780028
Conc: 43.99 ug/ml



#5 Acenaphthylene (C15.06)

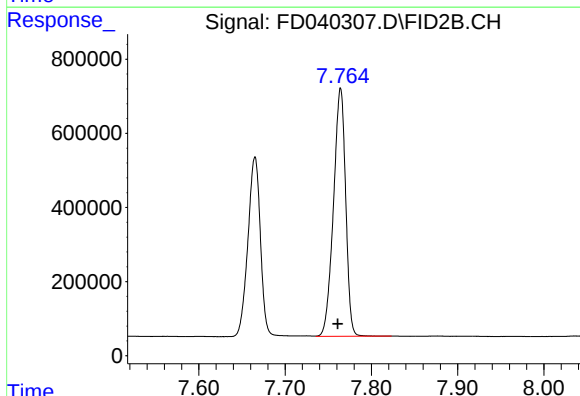
R.T.: 7.469 min
Delta R.T.: 0.001 min
Response: 5734626
Conc: 42.12 ug/ml

Instrument :
FID_D
ClientSampleId :



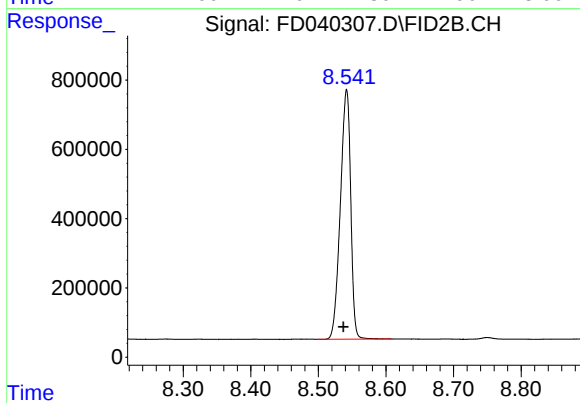
#6 2-Fluorobiphenyl (SURR)

R.T.: 7.665 min
Delta R.T.: 0.001 min
Response: 4905685
Conc: 57.78 ug/ml



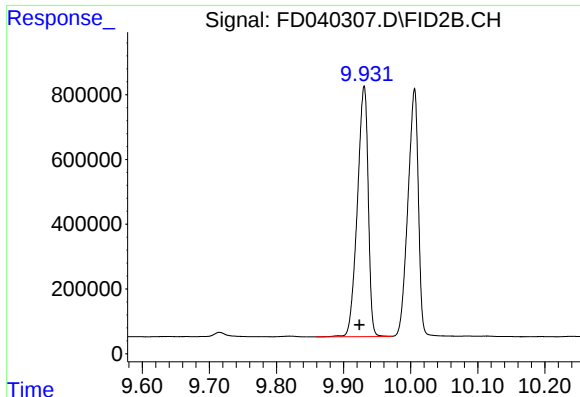
#7 Acenaphthene (C15.5)

R.T.: 7.764 min
Delta R.T.: 0.003 min
Response: 6566385
Conc: 45.20 ug/ml



#8 Flouorene (C16.55)

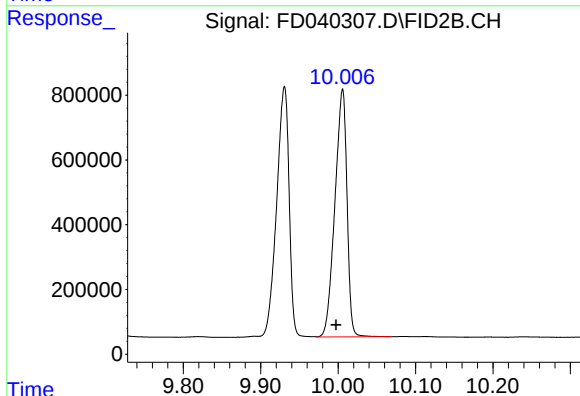
R.T.: 8.542 min
Delta R.T.: 0.005 min
Response: 7660905
Conc: 55.48 ug/ml



#9 Phenanthrene (C19.36)

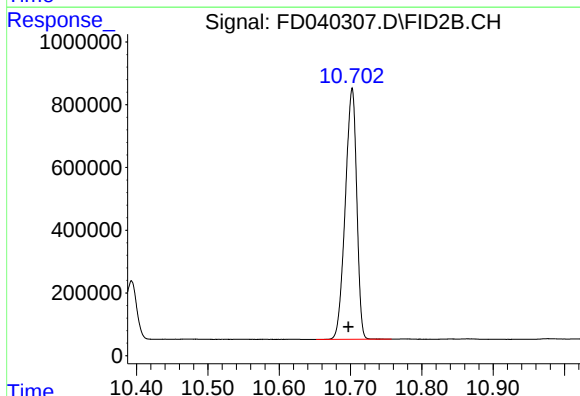
R.T.: 9.931 min
Delta R.T.: 0.007 min
Response: 8680338
Conc: 64.39 ug/ml

Instrument :
FID_D
ClientSampleId :



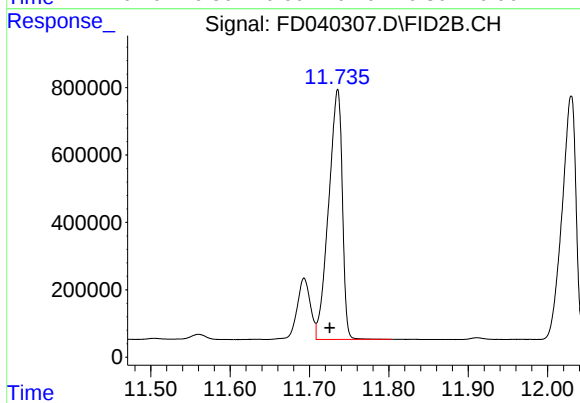
#10 Anthracene (C19.43)

R.T.: 10.006 min
Delta R.T.: 0.008 min
Response: 8295535
Conc: 65.96 ug/ml



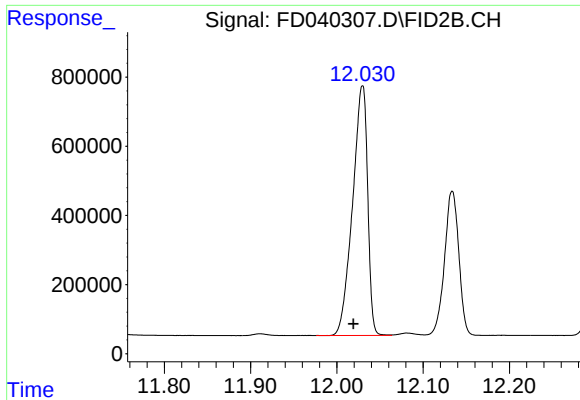
#11 ortho-Terphenyl (SURR)

R.T.: 10.702 min
Delta R.T.: 0.005 min
Response: 8926538
Conc: 63.88 ug/ml



#12 Fluoranthene (C21.85)

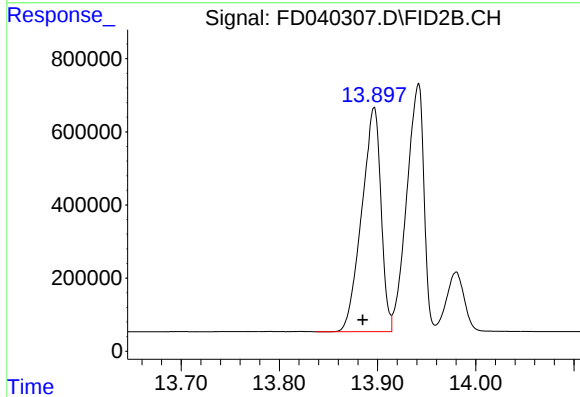
R.T.: 11.735 min
Delta R.T.: 0.010 min
Response: 8892680
Conc: 66.21 ug/ml



#13 Pyrene (C20.8)

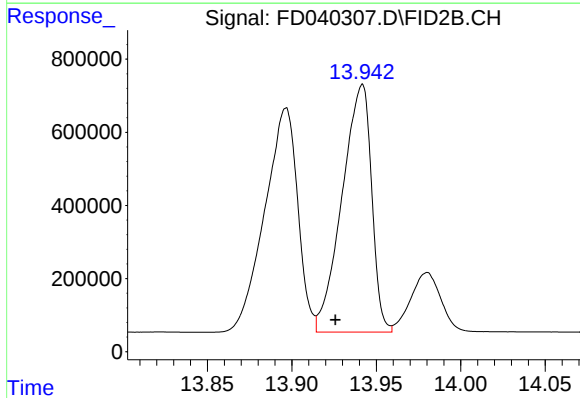
R.T.: 12.030 min
Delta R.T.: 0.011 min
Response: 8773243
Conc: 67.16 ug/ml

Instrument :
FID_D
ClientSampleId :



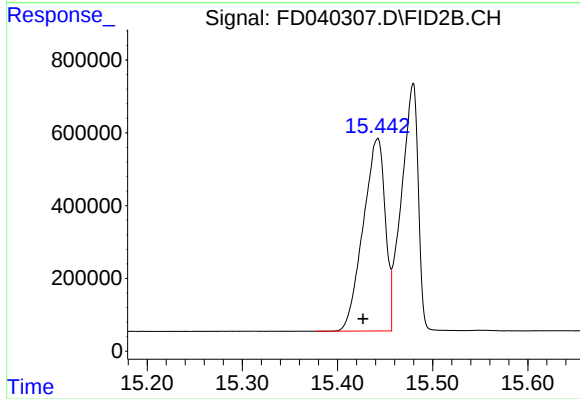
#14 Benzo[a]anthracene (C26.37)

R.T.: 13.896 min
Delta R.T.: 0.012 min
Response: 8357114
Conc: 71.53 ug/ml



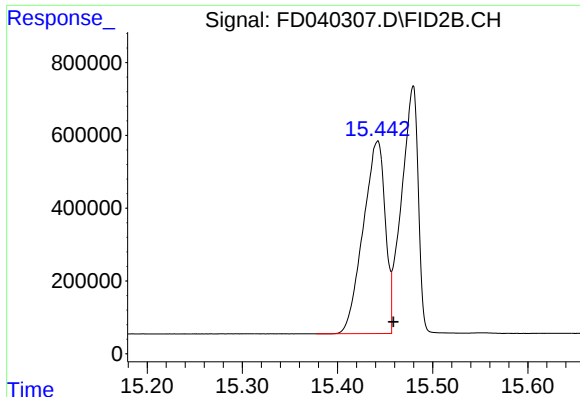
#15 Chrysene (C27.41)

R.T.: 13.942 min
Delta R.T.: 0.016 min
Response: 8242778
Conc: 65.93 ug/ml



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

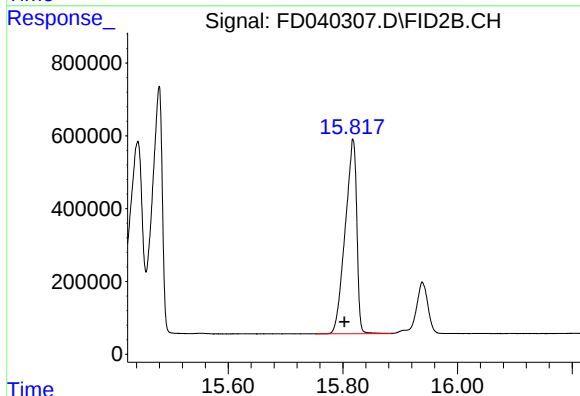
R.T.: 15.442 min
Delta R.T.: 0.015 min
Response: 8511402
Conc: 68.62 ug/ml



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

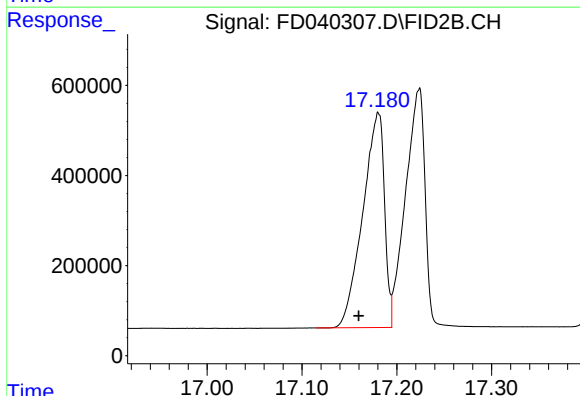
R.T.: 15.442 min
Delta R.T.: -0.017 min
Response: 8511402
Conc: 68.50 ug/ml

Instrument :
FID_D
ClientSampleId :



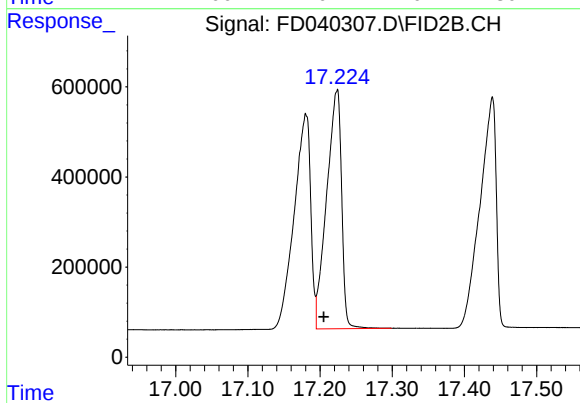
#18 Benzo[a]pyrene (C31.34)

R.T.: 15.818 min
Delta R.T.: 0.015 min
Response: 7497437
Conc: 62.28 ug/ml



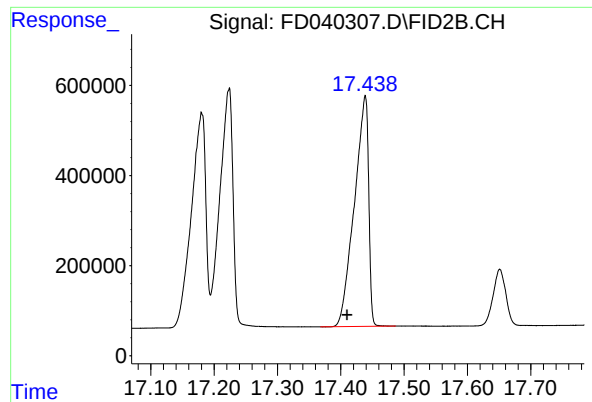
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.181 min
Delta R.T.: 0.021 min
Response: 7579287
Conc: 65.30 ug/ml



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

R.T.: 17.224 min
Delta R.T.: 0.019 min
Response: 7603162
Conc: 66.89 ug/ml



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

R.T.: 17.439 min
Delta R.T.: 0.028 min
Response: 7997536
Conc: 65.53 ug/ml

Instrument :

FID_D

ClientSampleId :