

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD042622AR\
 Data File : FD042107.D
 Signal(s) : FID2B.CH
 Acq On : 26 Apr 2022 17:11
 Operator : UA/NP
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 27 00:38:32 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042122.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 21 17:32:22 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...	7.328	3642175	25.984 ug/ml
Spiked Amount 50.000		Recovery =	51.97%
6) S 2-Fluorobiphenyl (SURR)	8.178	2174625	30.520 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	61.04%
11) S ortho-Terphenyl (SURR)	11.205	4282238	24.706 ug/ml
Spiked Amount 50.000		Recovery =	49.41%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.151	4166852	26.765 ug/ml
2) T Naphthalene (C11.7)	5.671	4231244	26.823 ug/ml
3) T 2-Methylnaphthalene (...)	6.716	3708329	25.644 ug/ml
5) T Acenaphthylene (C15.06)	7.977	4185632	25.398 ug/ml
7) T Acenaphthene (C15.5)	8.271	4519825	24.074 ug/ml
8) T Flouorene (C16.55)	9.050	4041945	26.537 ug/ml
9) T Phenanthrene (C19.36)	10.436	3793402	25.547 ug/ml
10) T Anthracene (C19.43)	10.512	3804932	22.728 ug/ml
12) T Fluoranthene (C21.85)	12.238	3771747	24.045 ug/ml
13) T Pyrene (C20.8)	12.530	3803016	23.316 ug/ml
14) T Benzo[a]anthracene (C...	14.402	3027163	25.307 ug/ml
15) T Chrysene (C27.41)	14.443	3767268	20.534 ug/ml
16) T benzo[b]fluoranthene ...	15.950	3110738	23.692 ug/ml
17) T Bnezo[k]fluoranthene ...	15.980	3501227	20.252 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.328	3068306	20.796 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.731	3587935	35.947 ug/ml
20) T Dibenz[a,h]anthracene...	17.731	3587935	22.859 ug/ml
21) T Benzo[g,h,i]perylene ...	17.943	3231294	23.332 ug/ml

(f)=RT Delta > 1/2 Window

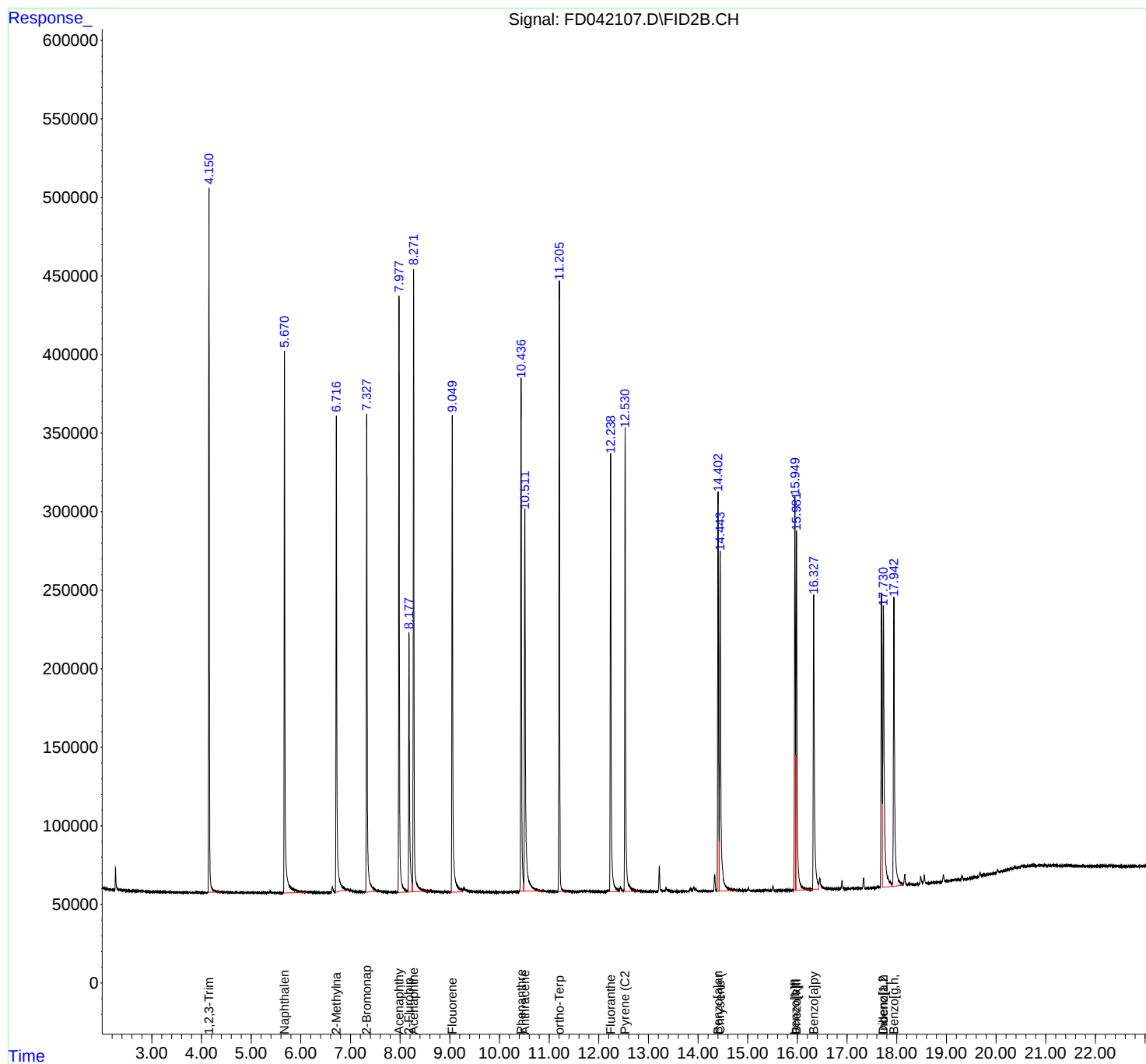
(m)=manual int.

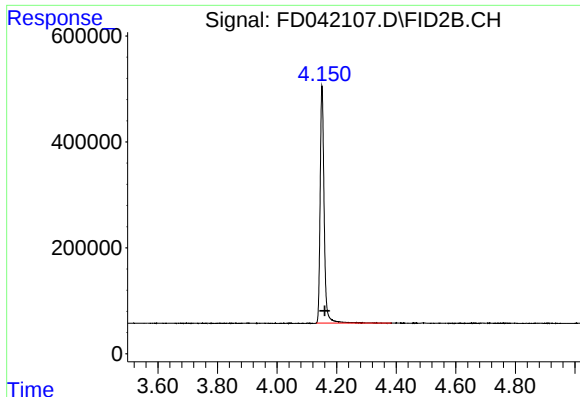
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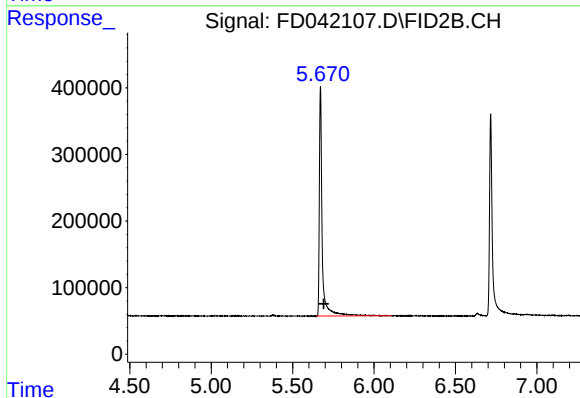




#1 1,2,3-Trimethylbenzene (C10.1)

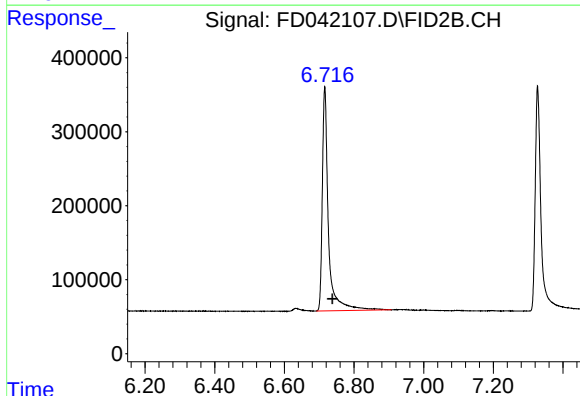
R.T.: 4.151 min
Delta R.T.: -0.009 min
Response: 4166852
Conc: 26.77 ug/ml

Instrument :
FID_D
ClientSampleId :



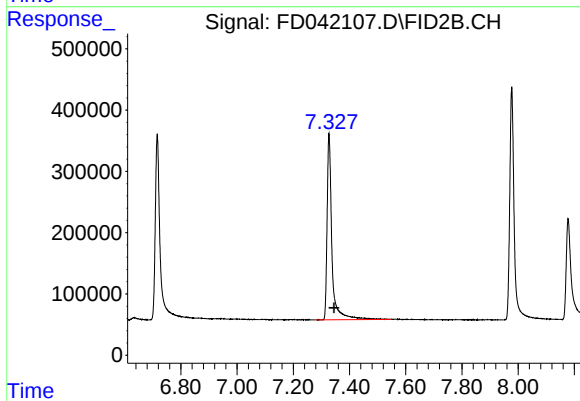
#2 Naphthalene (C11.7)

R.T.: 5.671 min
Delta R.T.: -0.019 min
Response: 4231244
Conc: 26.82 ug/ml



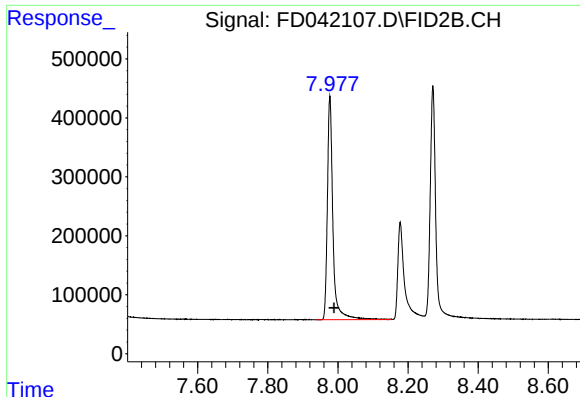
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.716 min
Delta R.T.: -0.022 min
Response: 3708329
Conc: 25.64 ug/ml



#4 2-Bromonaphthalene (SURR)

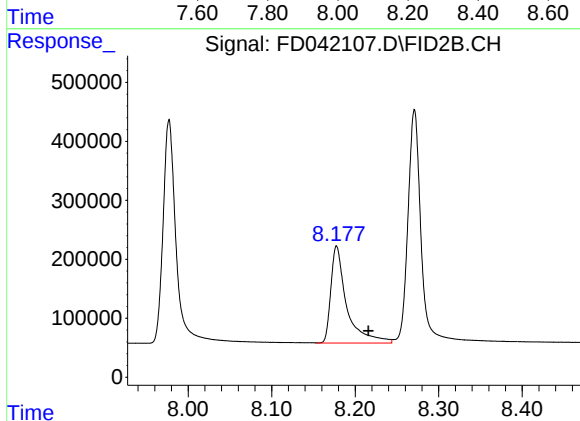
R.T.: 7.328 min
Delta R.T.: -0.017 min
Response: 3642175
Conc: 25.98 ug/ml



#5 Acenaphthylene (C15.06)

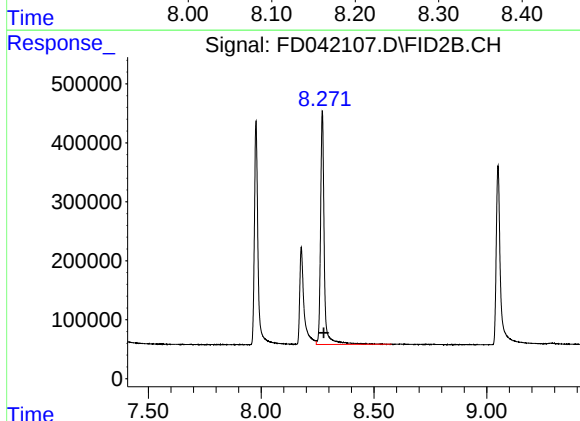
R.T.: 7.977 min
Delta R.T.: -0.012 min
Response: 4185632
Conc: 25.40 ug/ml

Instrument :
FID_D
ClientSampleId :



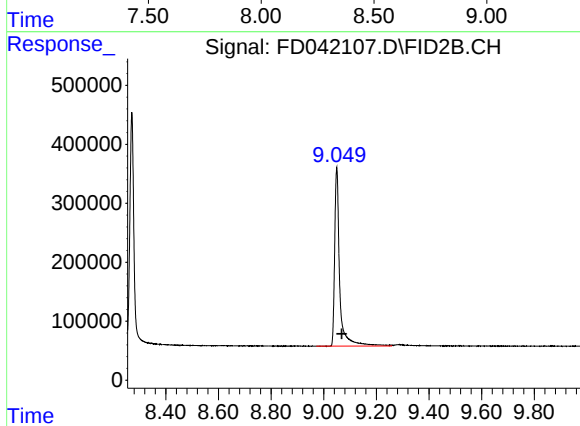
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.178 min
Delta R.T.: -0.038 min
Response: 2174625
Conc: 30.52 ug/ml



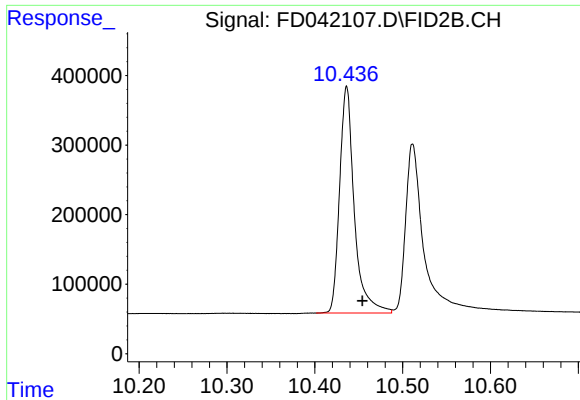
#7 Acenaphthene (C15.5)

R.T.: 8.271 min
Delta R.T.: -0.007 min
Response: 4519825
Conc: 24.07 ug/ml



#8 Fluorene (C16.55)

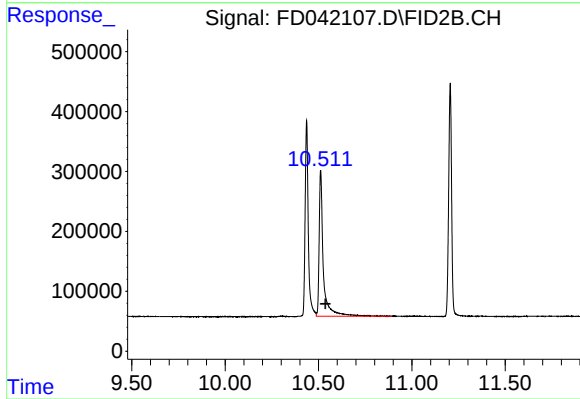
R.T.: 9.050 min
Delta R.T.: -0.020 min
Response: 4041945
Conc: 26.54 ug/ml



#9 Phenanthrene (C19.36)

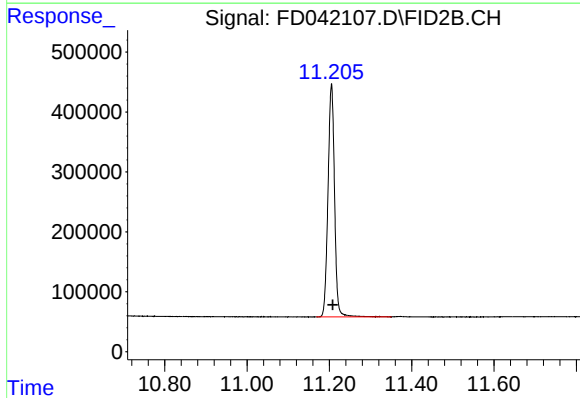
R.T.: 10.436 min
Delta R.T.: -0.018 min
Response: 3793402
Conc: 25.55 ug/ml

Instrument :
FID_D
ClientSampleId :



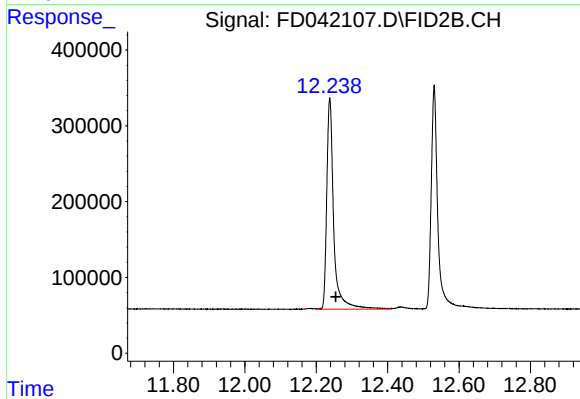
#10 Anthracene (C19.43)

R.T.: 10.512 min
Delta R.T.: -0.025 min
Response: 3804932
Conc: 22.73 ug/ml



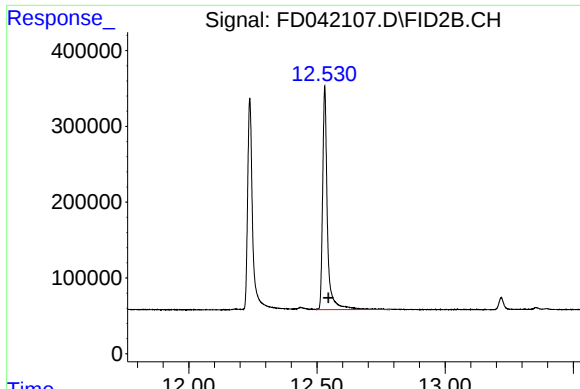
#11 ortho-Terphenyl (SURR)

R.T.: 11.205 min
Delta R.T.: -0.003 min
Response: 4282238
Conc: 24.71 ug/ml



#12 Fluoranthene (C21.85)

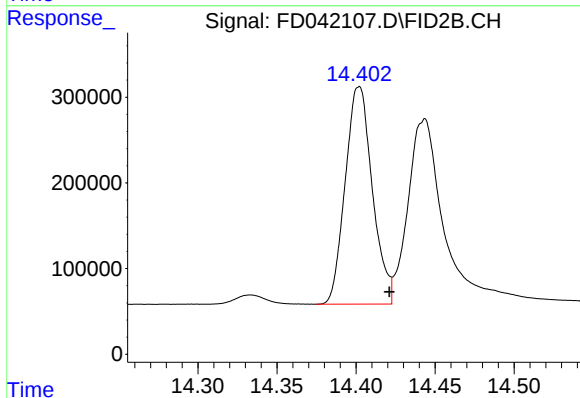
R.T.: 12.238 min
Delta R.T.: -0.017 min
Response: 3771747
Conc: 24.05 ug/ml



#13 Pyrene (C20.8)

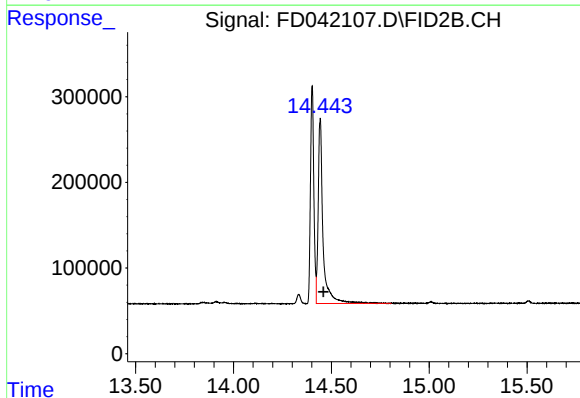
R.T.: 12.530 min
Delta R.T.: -0.014 min
Response: 3803016
Conc: 23.32 ug/ml

Instrument :
FID_D
ClientSampleId :



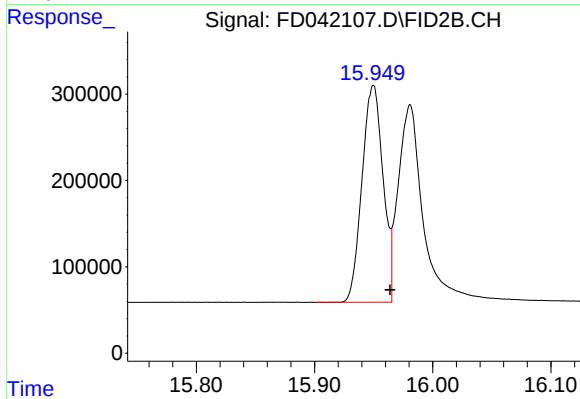
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.402 min
Delta R.T.: -0.019 min
Response: 3027163
Conc: 25.31 ug/ml



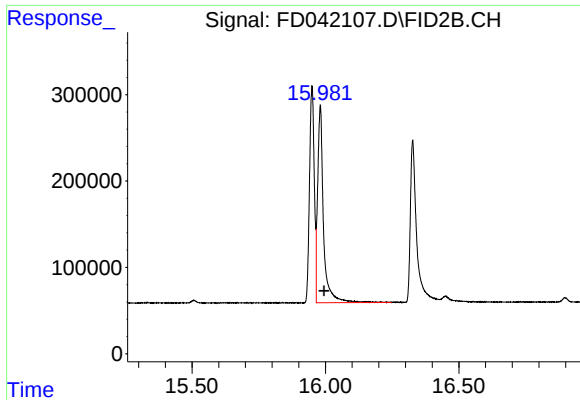
#15 Chrysene (C27.41)

R.T.: 14.443 min
Delta R.T.: -0.017 min
Response: 3767268
Conc: 20.53 ug/ml



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

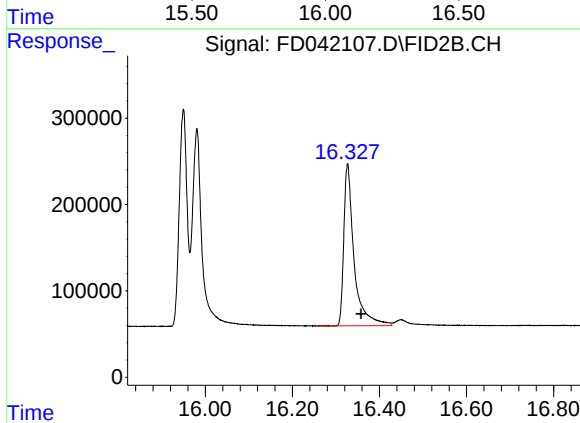
R.T.: 15.950 min
Delta R.T.: -0.014 min
Response: 3110738
Conc: 23.69 ug/ml



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

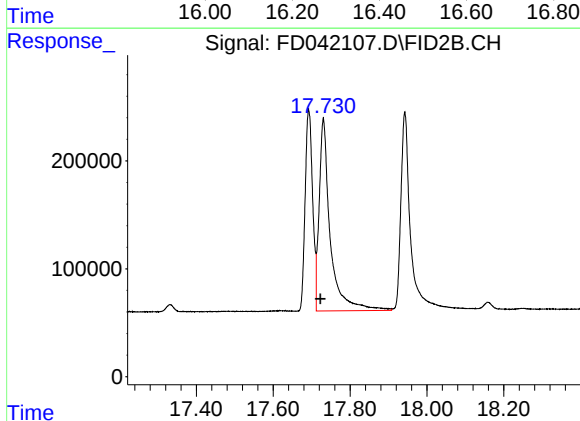
R.T.: 15.980 min
Delta R.T.: -0.015 min
Response: 3501227
Conc: 20.25 ug/ml

Instrument :
FID_D
ClientSampleId :



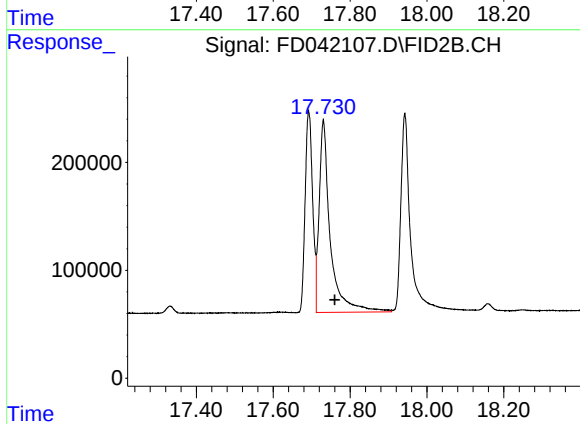
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.328 min
Delta R.T.: -0.030 min
Response: 3068306
Conc: 20.80 ug/ml



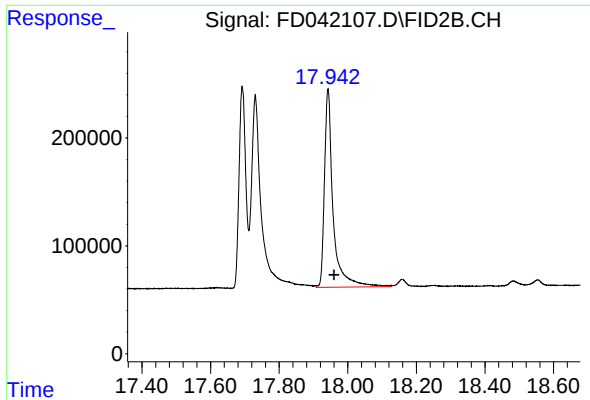
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.731 min
Delta R.T.: 0.009 min
Response: 3587935
Conc: 35.95 ug/ml



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

R.T.: 17.731 min
Delta R.T.: -0.030 min
Response: 3587935
Conc: 22.86 ug/ml



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

R.T.: 17.943 min
Delta R.T.: -0.018 min
Response: 3231294
Conc: 23.33 ug/ml

Instrument :
FID_D
ClientSampleId :