

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051622AR\
 Data File : FD042499.D
 Signal(s) : FID2B.CH
 Acq On : 17 May 2022 8:44
 Operator : UA/NP
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: autoint1.e
 Quant Time: May 17 09:10:41 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...	7.332	2918657	20.823 ug/ml
Spiked Amount 50.000		Recovery =	41.65%
6) S 2-Fluorobiphenyl (SURR)	8.185	1510869	21.204 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.41%
11) S ortho-Terphenyl (SURR)	11.206	3229713	18.633 ug/ml
Spiked Amount 50.000		Recovery =	37.27%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.155	3408322	21.893 ug/ml
2) T Naphthalene (C11.7)	5.677	3308212	20.971 ug/ml
3) T 2-Methylnaphthalene (...)	6.722	2916652	20.170 ug/ml
5) T Acenaphthylene (C15.06)	7.982	3182051	19.308 ug/ml
7) T Acenaphthene (C15.5)	8.274	3554953	18.935 ug/ml
8) T Flouorene (C16.55)	9.054	3036320	19.934 ug/ml
9) T Phenanthrene (C19.36)	10.441	2738129	18.440 ug/ml
10) T Anthracene (C19.43)	10.517	2882416	17.218 ug/ml
12) T Fluoranthene (C21.85)	12.244	2756431	17.573 ug/ml
13) T Pyrene (C20.8)	12.536	2825215	17.321 ug/ml
14) T Benzo[a]anthracene (C...	14.409	2269033	18.969 ug/ml
15) T Chrysene (C27.41)	14.449	3119466	17.003 ug/ml
16) T benzo[b]fluoranthene ...	15.958	2551786	19.435 ug/ml
17) T Bnezo[k]fluoranthene ...	15.988	3052543	17.656 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.339	2756577	18.683 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.707	2078350	20.823 ug/ml
20) T Dibenz[a,h]anthracene...	17.743	3127906	19.928 ug/ml
21) T Benzo[g,h,i]perylene ...	17.956	2692327	19.441 ug/ml

(f)=RT Delta > 1/2 Window

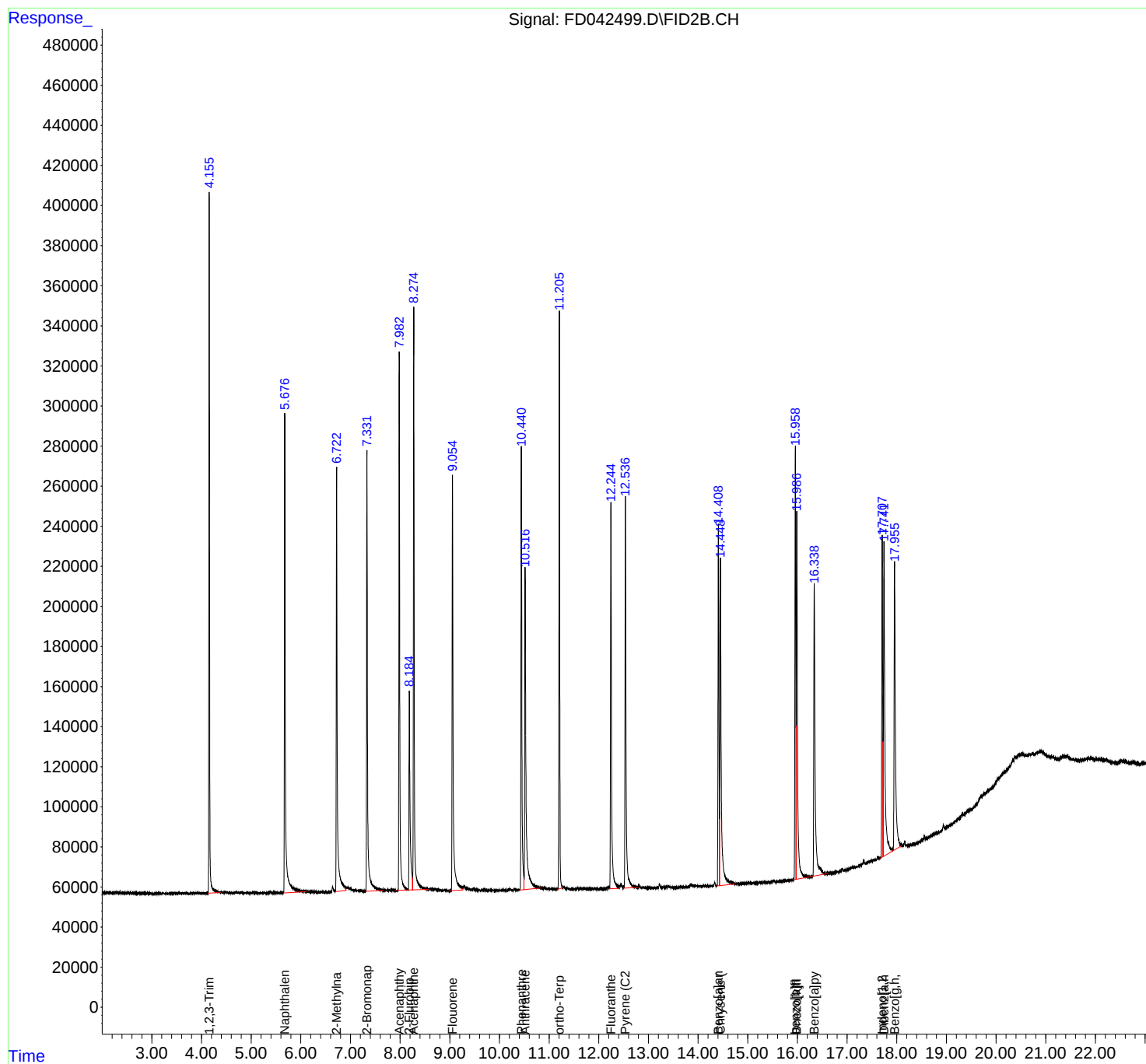
(m)=manual int.

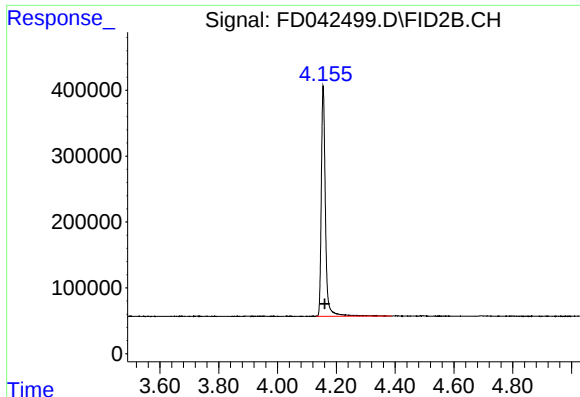
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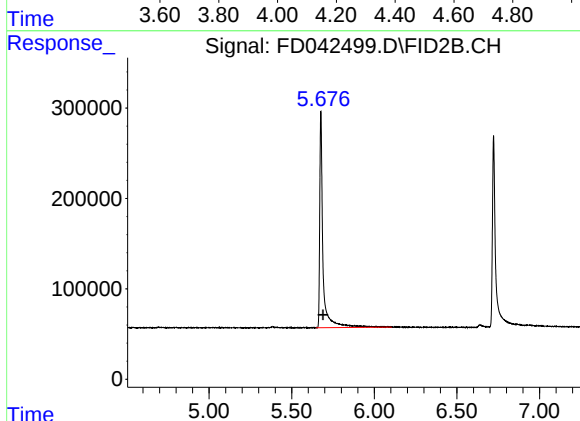




#1 1,2,3-Trimethylbenzene (C10.1)

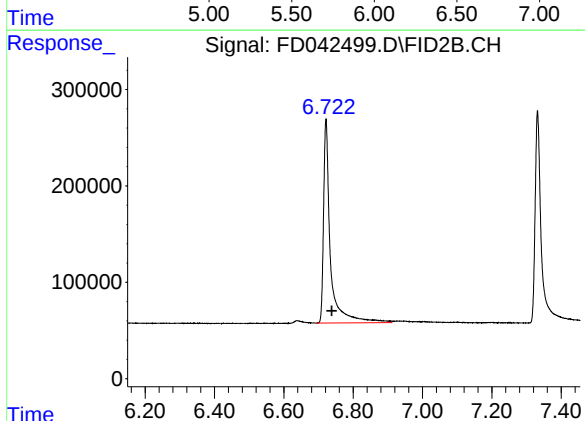
R.T.: 4.155 min
Delta R.T.: -0.005 min
Response: 3408322
Conc: 21.89 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



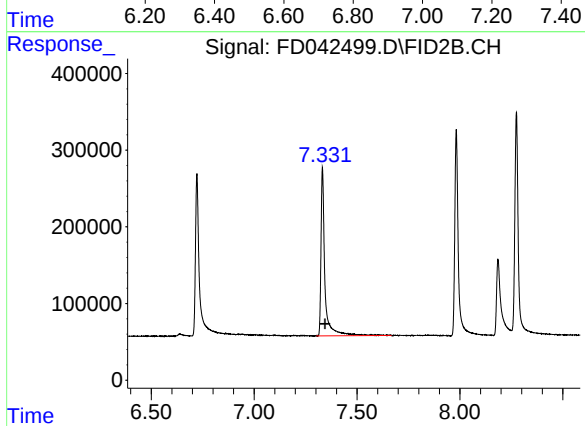
#2 Naphthalene (C11.7)

R.T.: 5.677 min
Delta R.T.: -0.014 min
Response: 3308212
Conc: 20.97 ug/ml



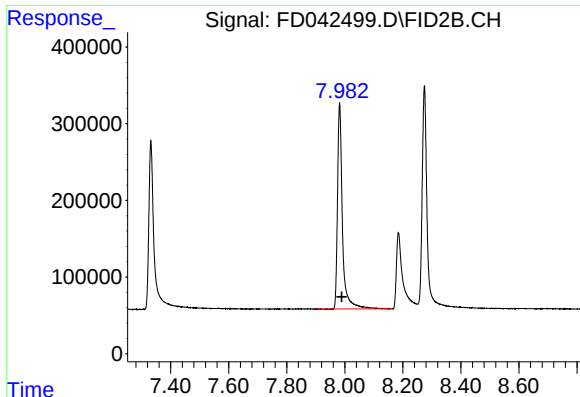
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.722 min
Delta R.T.: -0.016 min
Response: 2916652
Conc: 20.17 ug/ml



#4 2-Bromonaphthalene (SURR)

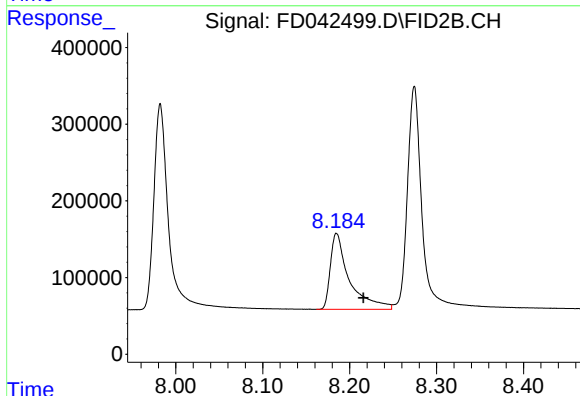
R.T.: 7.332 min
Delta R.T.: -0.013 min
Response: 2918657
Conc: 20.82 ug/ml



#5 Acenaphthylene (C15.06)

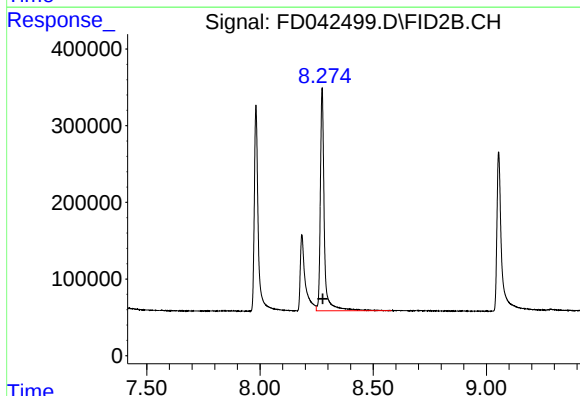
R.T.: 7.982 min
Delta R.T.: -0.007 min
Response: 3182051
Conc: 19.31 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



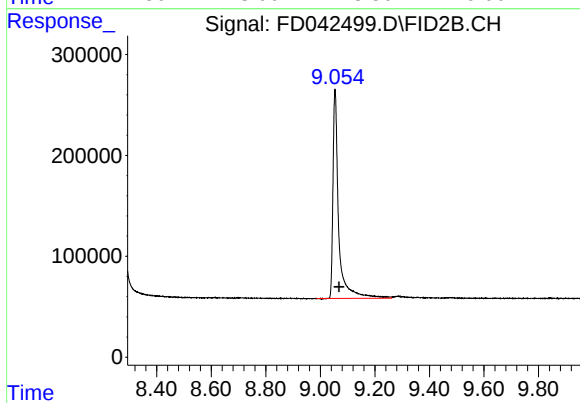
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.185 min
Delta R.T.: -0.030 min
Response: 1510869
Conc: 21.20 ug/ml



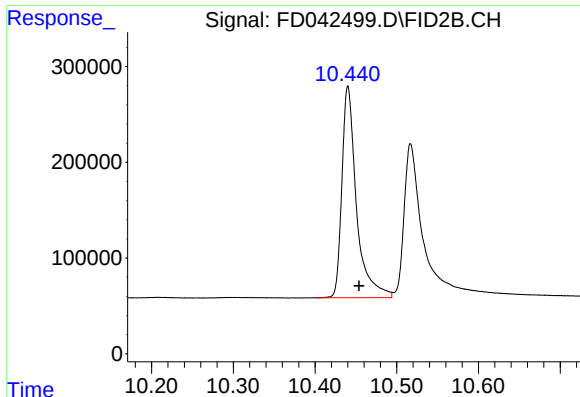
#7 Acenaphthene (C15.5)

R.T.: 8.274 min
Delta R.T.: -0.004 min
Response: 3554953
Conc: 18.94 ug/ml



#8 Fluorene (C16.55)

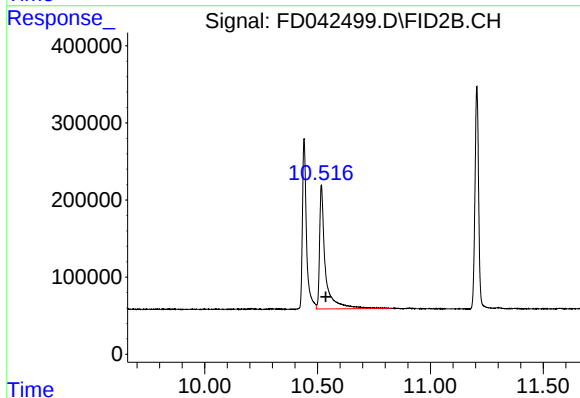
R.T.: 9.054 min
Delta R.T.: -0.015 min
Response: 3036320
Conc: 19.93 ug/ml



#9 Phenanthrene (C19.36)

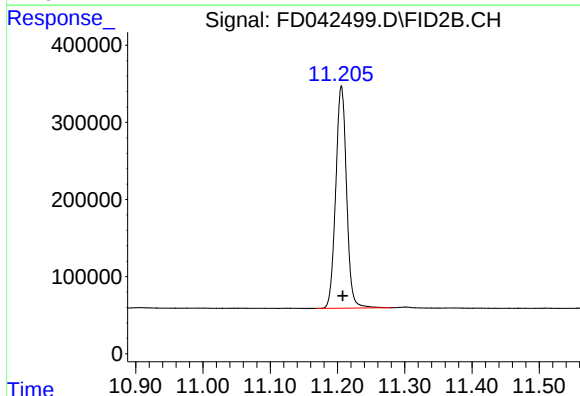
R.T.: 10.441 min
Delta R.T.: -0.013 min
Response: 2738129
Conc: 18.44 ug/ml

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20 PPM AROMATIC HC STD



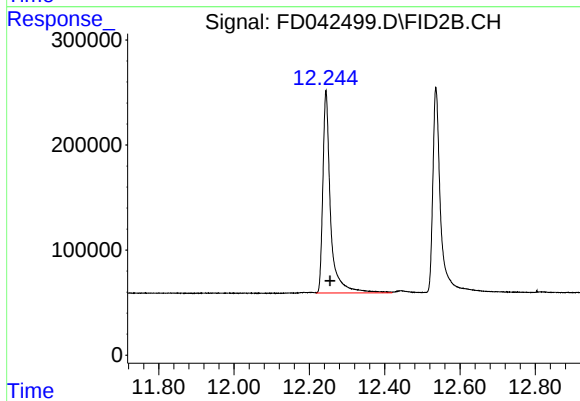
#10 Anthracene (C19.43)

R.T.: 10.517 min
Delta R.T.: -0.019 min
Response: 2882416
Conc: 17.22 ug/ml



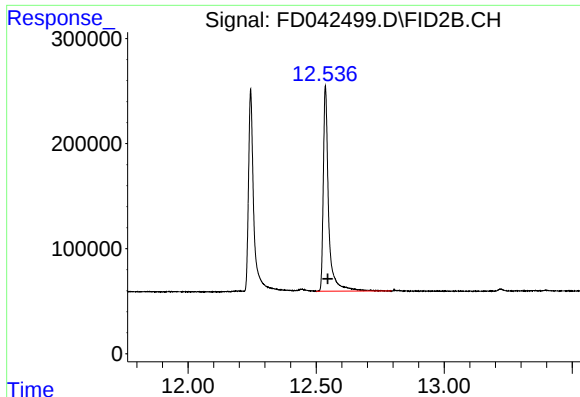
#11 ortho-Terphenyl (SURR)

R.T.: 11.206 min
Delta R.T.: -0.002 min
Response: 3229713
Conc: 18.63 ug/ml



#12 Fluoranthene (C21.85)

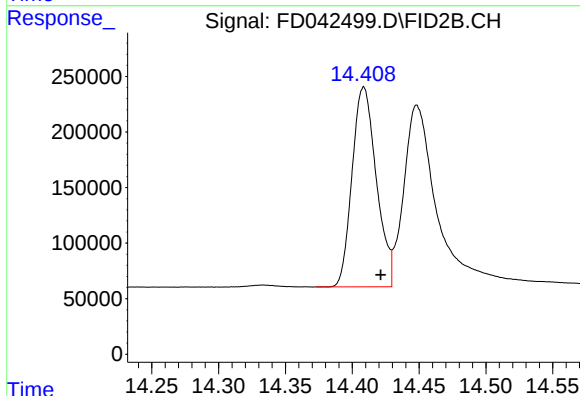
R.T.: 12.244 min
Delta R.T.: -0.010 min
Response: 2756431
Conc: 17.57 ug/ml



#13 Pyrene (C20.8)

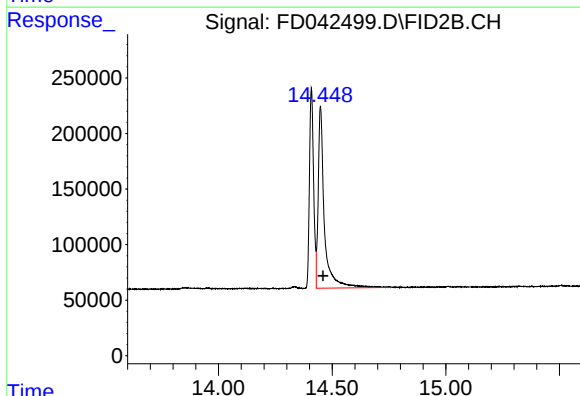
R.T.: 12.536 min
Delta R.T.: -0.008 min
Response: 2825215
Conc: 17.32 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



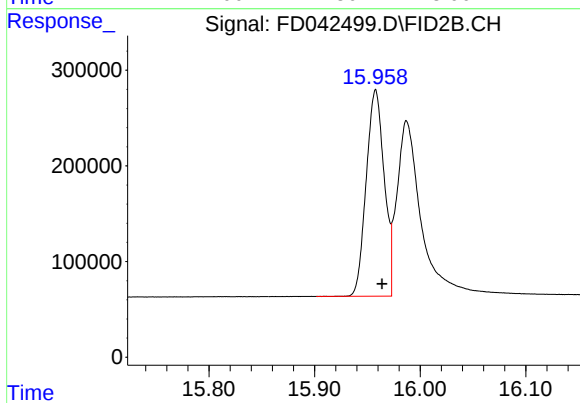
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.409 min
Delta R.T.: -0.013 min
Response: 2269033
Conc: 18.97 ug/ml



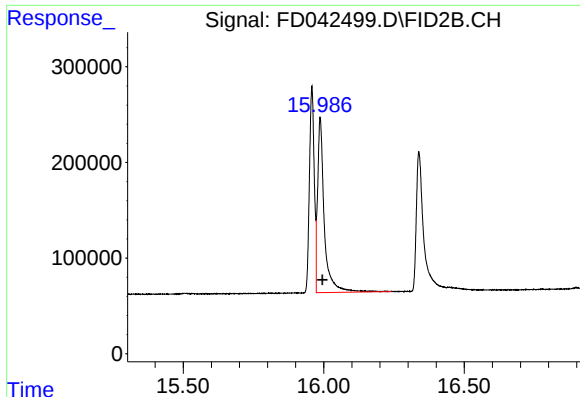
#15 Chrysene (C27.41)

R.T.: 14.449 min
Delta R.T.: -0.011 min
Response: 3119466
Conc: 17.00 ug/ml



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

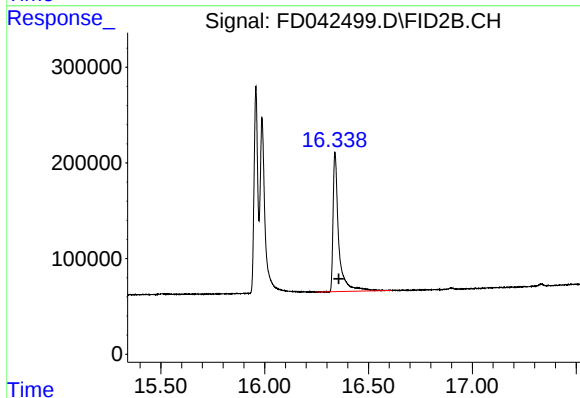
R.T.: 15.958 min
Delta R.T.: -0.006 min
Response: 2551786
Conc: 19.44 ug/ml



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

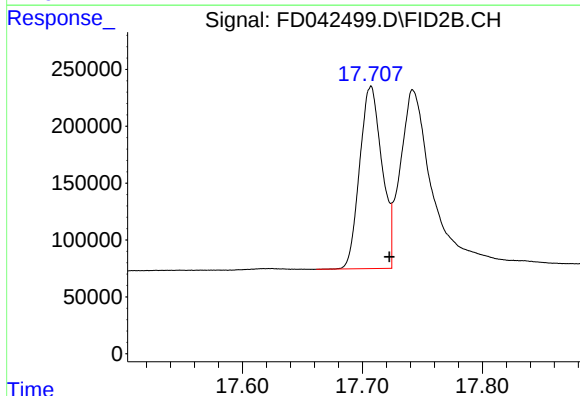
R.T.: 15.988 min
Delta R.T.: -0.008 min
Response: 3052543
Conc: 17.66 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



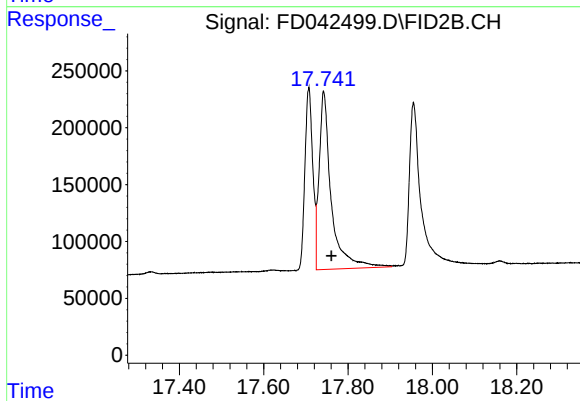
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.339 min
Delta R.T.: -0.019 min
Response: 2756577
Conc: 18.68 ug/ml



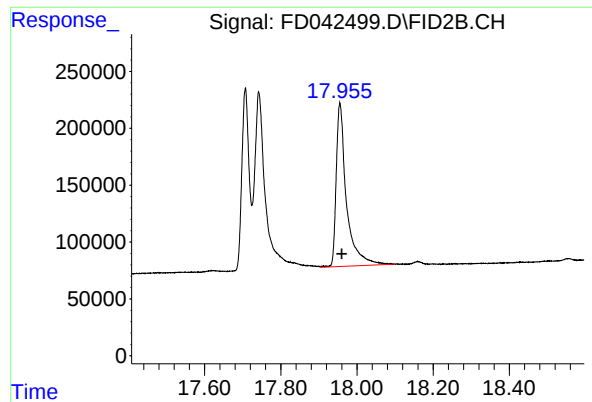
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.707 min
Delta R.T.: -0.015 min
Response: 2078350
Conc: 20.82 ug/ml



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

R.T.: 17.743 min
Delta R.T.: -0.018 min
Response: 3127906
Conc: 19.93 ug/ml



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

R.T.: 17.956 min
Delta R.T.: -0.005 min
Response: 2692327
Conc: 19.44 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD