

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051722AR\
 Data File : FD042505.D
 Signal(s) : FID2B.CH
 Acq On : 17 May 2022 13:23
 Operator : UA/NP
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Integration File: sample.E
 Quant Time: May 17 16:14:29 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	2918041	20.818 ug/ml
Spiked Amount 50.000		Recovery =	41.64%
6) S 2-Fluorobiphenyl (SURR)	8.182	1497379	21.015 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	42.03%
11) S ortho-Terphenyl (SURR)	11.203	3240670	18.696 ug/ml
Spiked Amount 50.000		Recovery =	37.39%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.152	3387519	21.759 ug/ml
2) T Naphthalene (C11.7)	5.673	3261348	20.674 ug/ml
3) T 2-Methylnaphthalene (...)	6.718	2899225	20.049 ug/ml
5) T Acenaphthylene (C15.06)	7.978	3205483	19.450 ug/ml
7) T Acenaphthene (C15.5)	8.271	3591214	19.128 ug/ml
8) T Flouorene (C16.55)	9.051	3017215	19.809 ug/ml
9) T Phenanthrene (C19.36)	10.438	2747817	18.505 ug/ml
10) T Anthracene (C19.43)	10.516	2916463	17.421 ug/ml
12) T Fluoranthene (C21.85)	12.242	2755477	17.567 ug/ml
13) T Pyrene (C20.8)	12.534	2832748	17.368 ug/ml
14) T Benzo[a]anthracene (C...	14.408	2240239	18.728 ug/ml
15) T Chrysene (C27.41)	14.448	3189247	17.384 ug/ml
16) T benzo[b]fluoranthene ...	15.957	2543223	19.370 ug/ml
17) T Bnezo[k]fluoranthene ...	15.987	3110201	17.990 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.338	2637266	17.874 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.705	2048218	20.521 ug/ml
20) T Dibenz[a,h]anthracene...	17.740	3175809	20.234 ug/ml
21) T Benzo[g,h,i]perylene ...	17.954	2678294	19.339 ug/ml

(f)=RT Delta > 1/2 Window

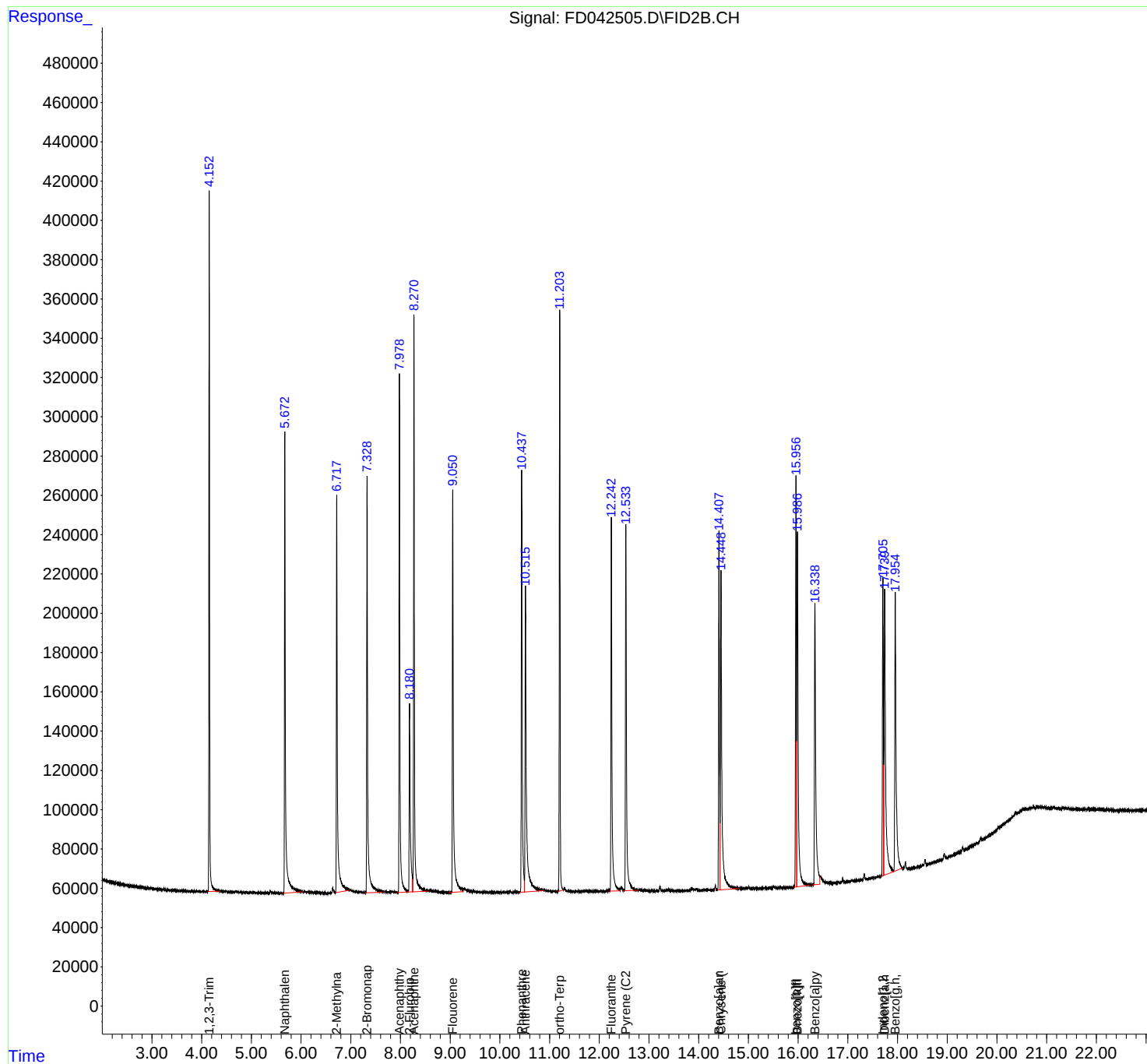
(m)=manual int.

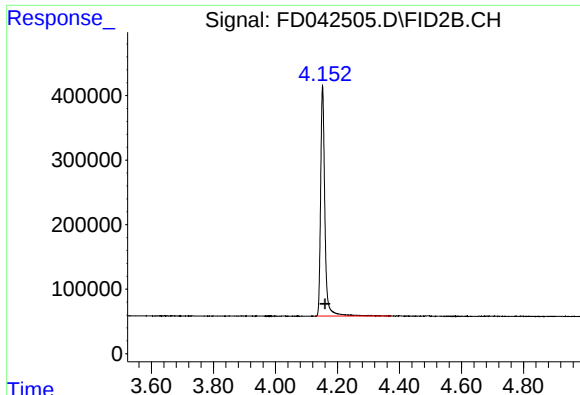
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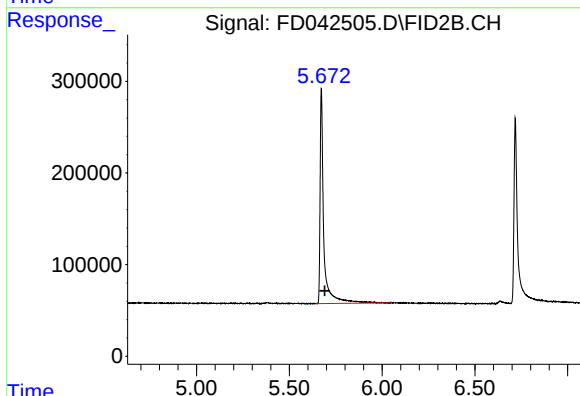




#1 1,2,3-Trimethylbenzene (C10.1)

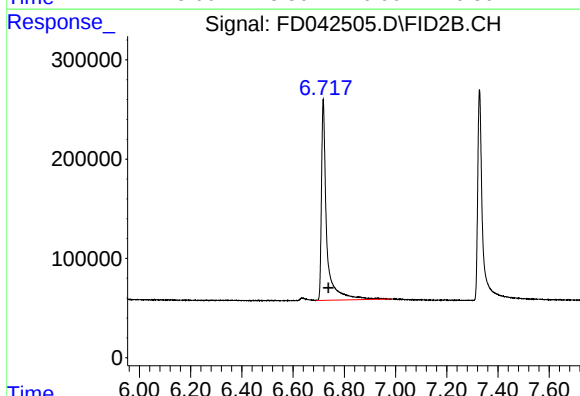
R.T.: 4.152 min
Delta R.T.: -0.008 min
Response: 3387519
Conc: 21.76 ug/ml

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20 PPM AROMATIC HC STD



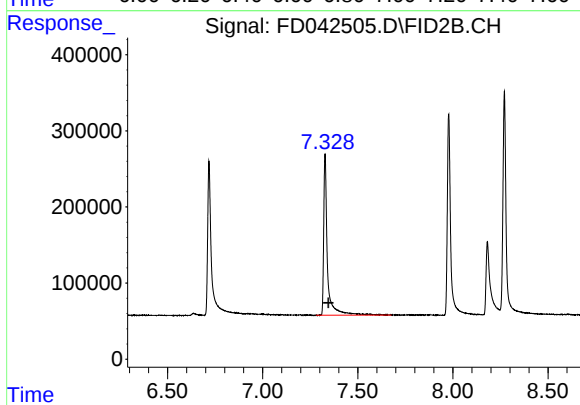
#2 Naphthalene (C11.7)

R.T.: 5.673 min
Delta R.T.: -0.018 min
Response: 3261348
Conc: 20.67 ug/ml



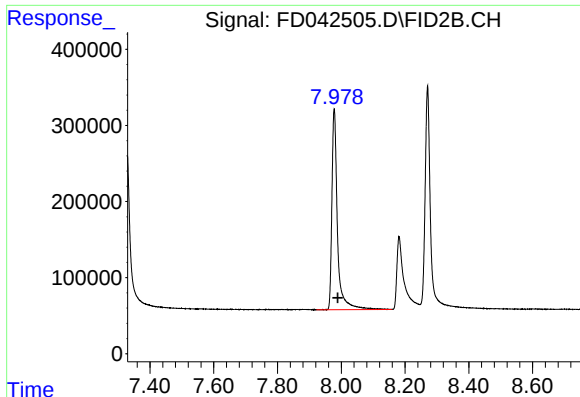
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.718 min
Delta R.T.: -0.020 min
Response: 2899225
Conc: 20.05 ug/ml



#4 2-Bromonaphthalene (SURR)

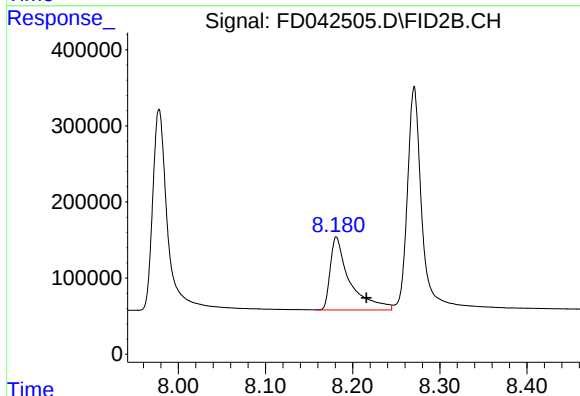
R.T.: 7.328 min
Delta R.T.: -0.017 min
Response: 2918041
Conc: 20.82 ug/ml



#5 Acenaphthylene (C15.06)

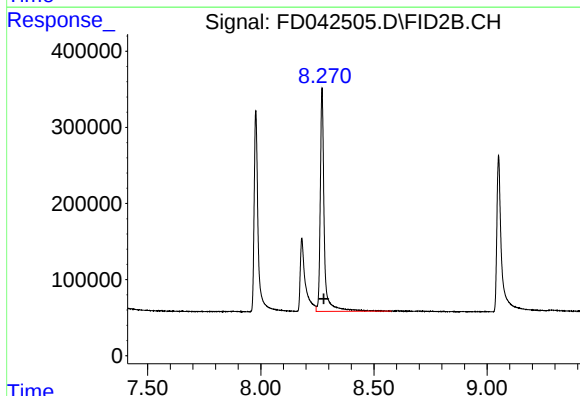
R.T.: 7.978 min
Delta R.T.: -0.011 min
Response: 3205483
Conc: 19.45 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



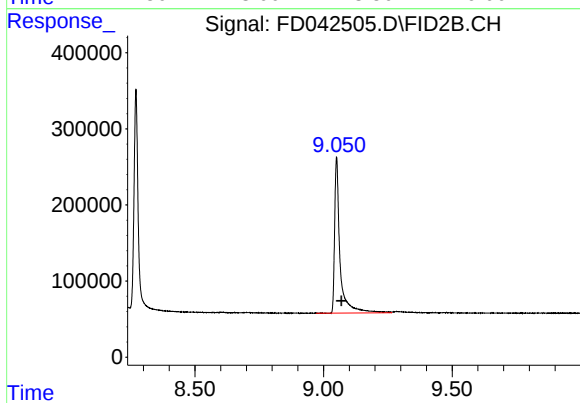
#6 2-Fluorobiphenyl (SURRE)

R.T.: 8.182 min
Delta R.T.: -0.034 min
Response: 1497379
Conc: 21.02 ug/ml



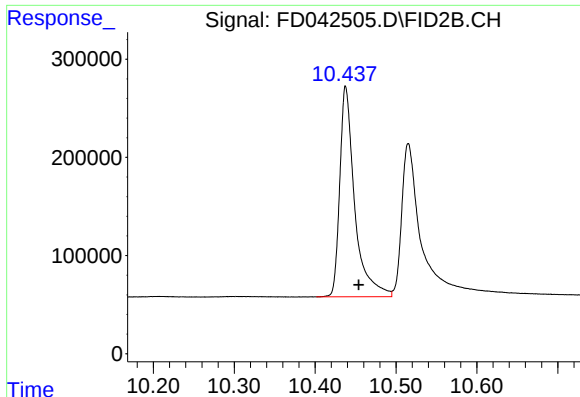
#7 Acenaphthene (C15.5)

R.T.: 8.271 min
Delta R.T.: -0.007 min
Response: 3591214
Conc: 19.13 ug/ml



#8 Fluorene (C16.55)

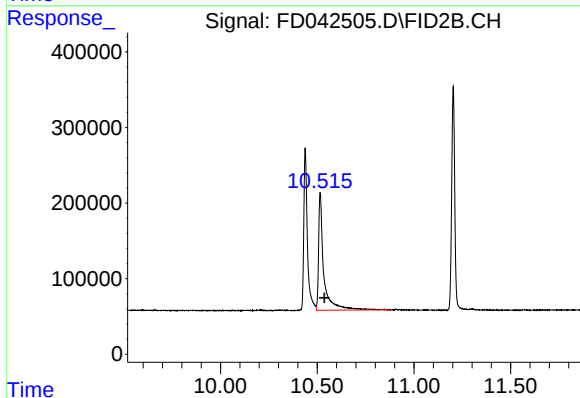
R.T.: 9.051 min
Delta R.T.: -0.019 min
Response: 3017215
Conc: 19.81 ug/ml



#9 Phenanthrene (C19.36)

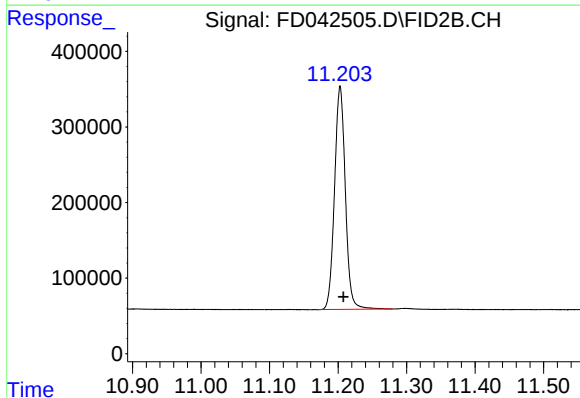
R.T.: 10.438 min
Delta R.T.: -0.016 min
Response: 2747817
Conc: 18.51 ug/ml

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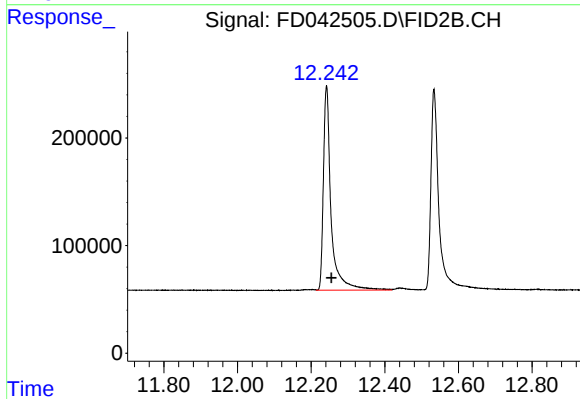
#10 Anthracene (C19.43)

R.T.: 10.516 min
Delta R.T.: -0.021 min
Response: 2916463
Conc: 17.42 ug/ml



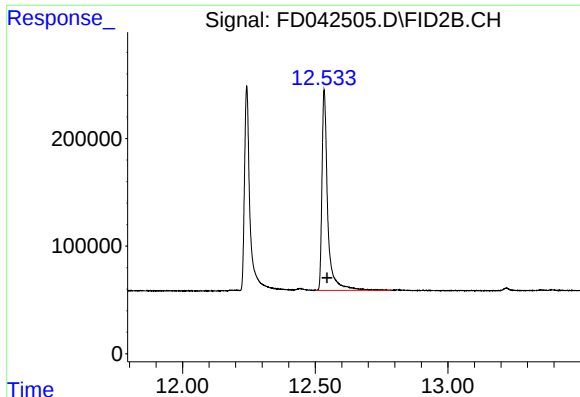
#11 ortho-Terphenyl (SURR)

R.T.: 11.203 min
Delta R.T.: -0.005 min
Response: 3240670
Conc: 18.70 ug/ml



#12 Fluoranthene (C21.85)

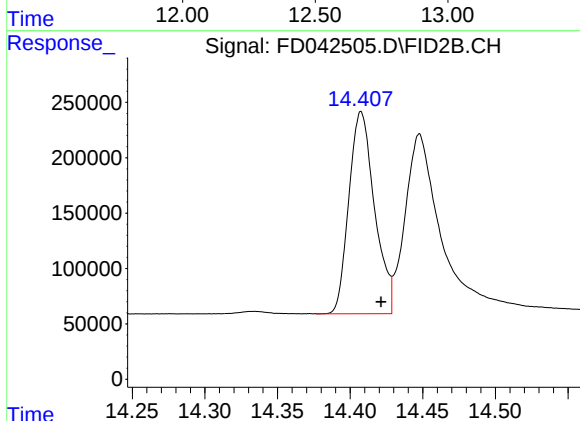
R.T.: 12.242 min
Delta R.T.: -0.013 min
Response: 2755477
Conc: 17.57 ug/ml



#13 Pyrene (C20.8)

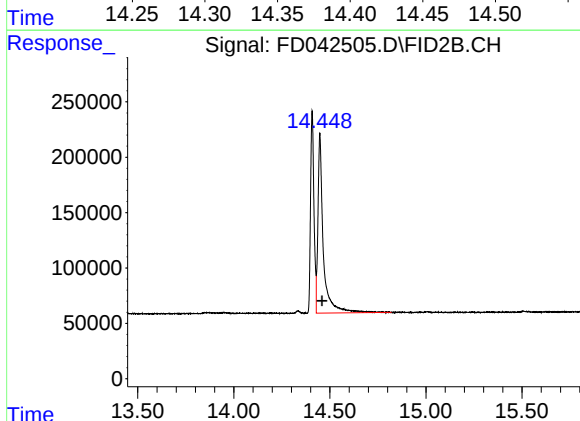
R.T.: 12.534 min
Delta R.T.: -0.011 min
Response: 2832748
Conc: 17.37 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



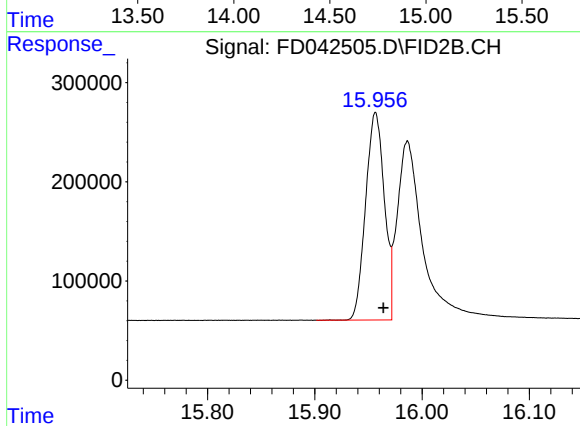
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.408 min
Delta R.T.: -0.014 min
Response: 2240239
Conc: 18.73 ug/ml



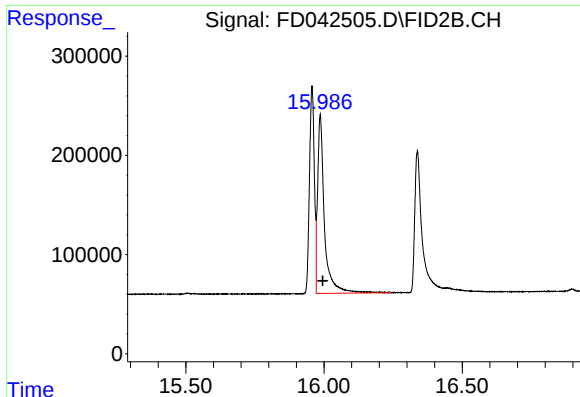
#15 Chrysene (C27.41)

R.T.: 14.448 min
Delta R.T.: -0.012 min
Response: 3189247
Conc: 17.38 ug/ml



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

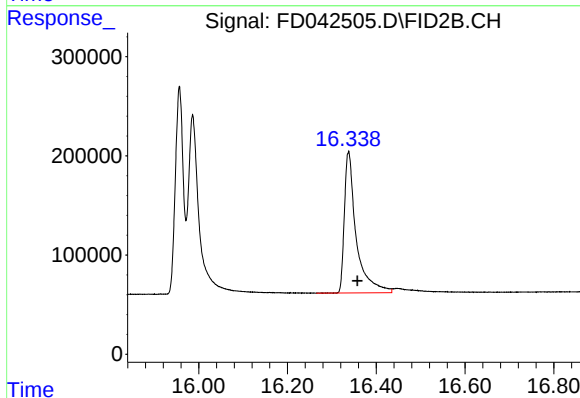
R.T.: 15.957 min
Delta R.T.: -0.007 min
Response: 2543223
Conc: 19.37 ug/ml



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

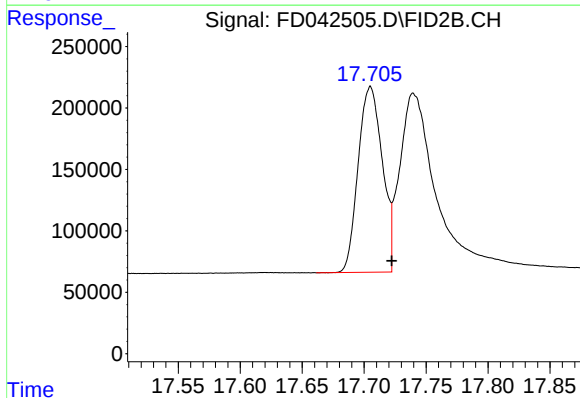
R.T.: 15.987 min
Delta R.T.: -0.009 min
Response: 3110201
Conc: 17.99 ug/ml

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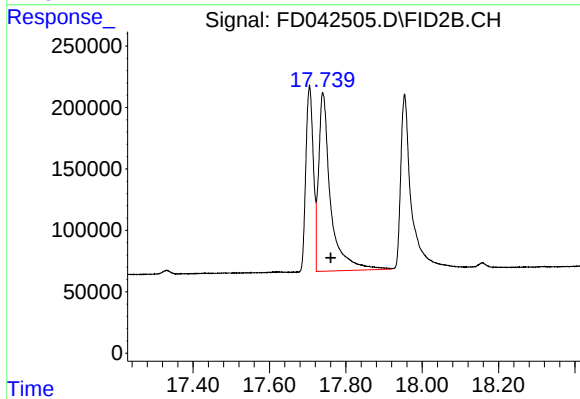
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.338 min
Delta R.T.: -0.020 min
Response: 2637266
Conc: 17.87 ug/ml



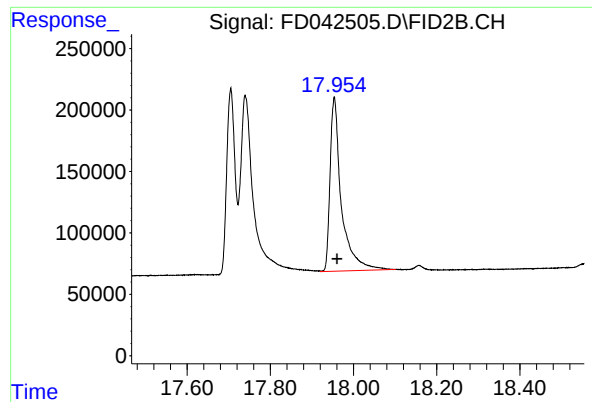
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.705 min
Delta R.T.: -0.017 min
Response: 2048218
Conc: 20.52 ug/ml



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

R.T.: 17.740 min
Delta R.T.: -0.020 min
Response: 3175809
Conc: 20.23 ug/ml



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

R.T.: 17.954 min
Delta R.T.: -0.006 min
Response: 2678294
Conc: 19.34 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD