

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD031622AR\
 Data File : FD041579.D
 Signal(s) : FID2B.CH
 Acq On : 16 Mar 2022 12:58
 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: autoint1.e
 Quant Time: Mar 16 14:27:10 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 022322.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 23 17:10:31 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...	7.352	3236518	20.031 ug/ml
Spiked Amount 50.000		Recovery =	40.06%
6) S 2-Fluorobiphenyl (SURR)	8.201	2049211	19.686 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.37%
11) S ortho-Terphenyl (SURR)	11.232	3524235	20.092 ug/ml
Spiked Amount 50.000		Recovery =	40.18%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.177	3602660	20.556 ug/ml
2) T Naphthalene (C11.7)	5.696	3732664	20.466 ug/ml
3) T 2-Methylnaphthalene (...)	6.741	3616397	19.981 ug/ml
5) T Acenaphthylene (C15.06)	8.004	3565025	19.942 ug/ml
7) T Acenaphthene (C15.5)	8.297	3939237	20.608 ug/ml
8) T Flouorene (C16.55)	9.075	3428769	20.023 ug/ml
9) T Phenanthrene (C19.36)	10.461	3277120	19.947 ug/ml
10) T Anthracene (C19.43)	10.536	3274398	20.475 ug/ml
12) T Fluoranthene (C21.85)	12.263	3186349	18.965 ug/ml
13) T Pyrene (C20.8)	12.556	3135639	18.703 ug/ml
14) T Benzo[a]anthracene (C...	14.425	2828828	19.493 ug/ml
15) T Chrysene (C27.41)	14.466	3271414	19.866 ug/ml
16) T benzo[b]fluoranthene ...	15.971	2955987	21.658 ug/ml
17) T Bnezo[k]fluoranthene ...	16.002	3215202	21.788 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.347	2939024	22.352 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.711	2738446	21.845 ug/ml
20) T Dibenz[a,h]anthracene...	17.750	3221128	22.788 ug/ml
21) T Benzo[g,h,i]perylene ...	17.961	2890668	22.326 ug/ml

(f)=RT Delta > 1/2 Window

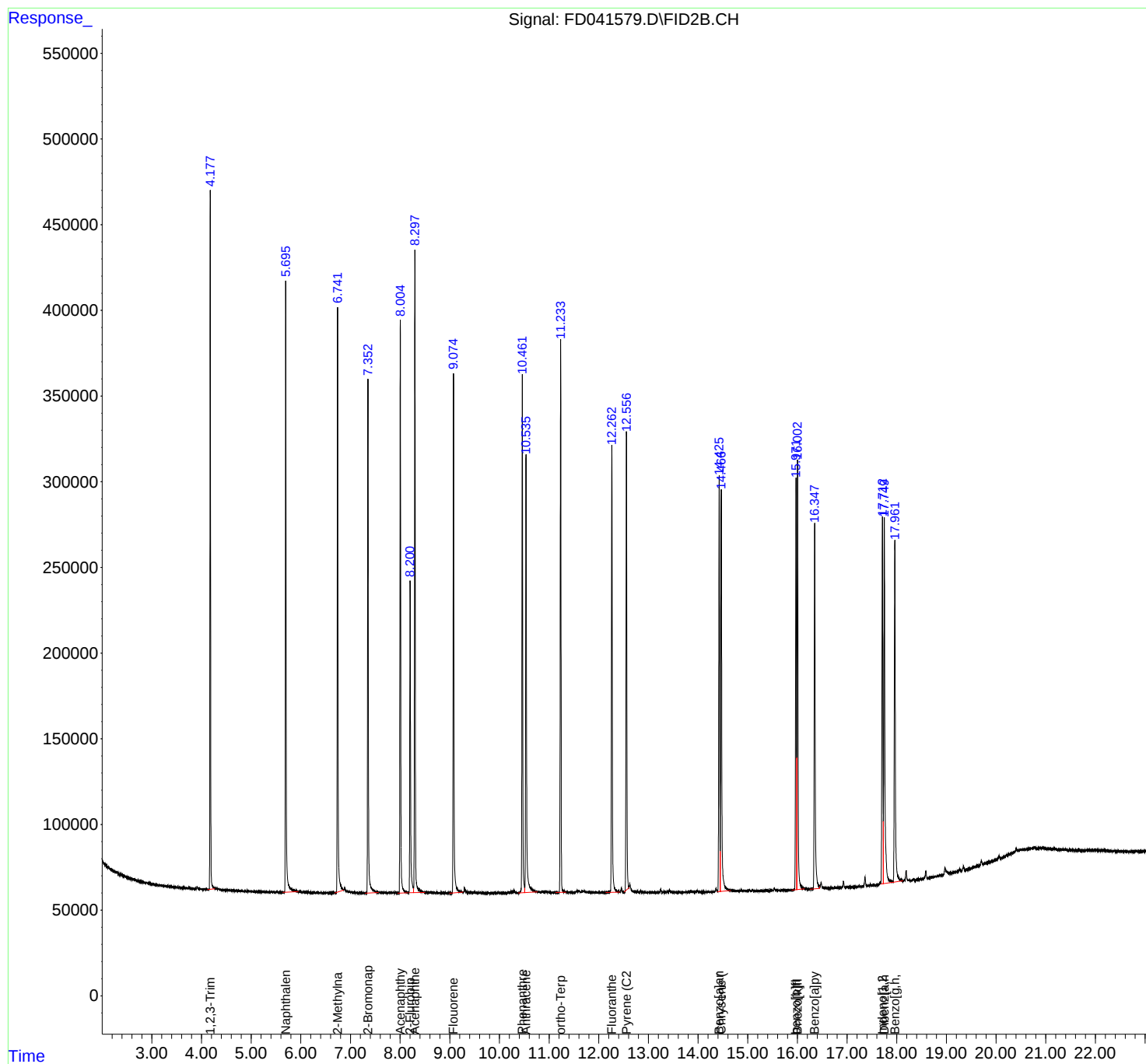
(m)=manual int.

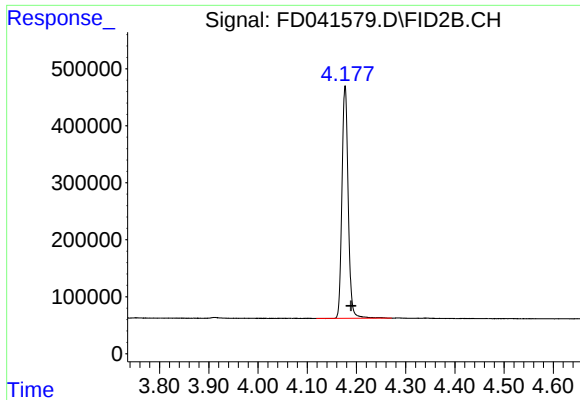
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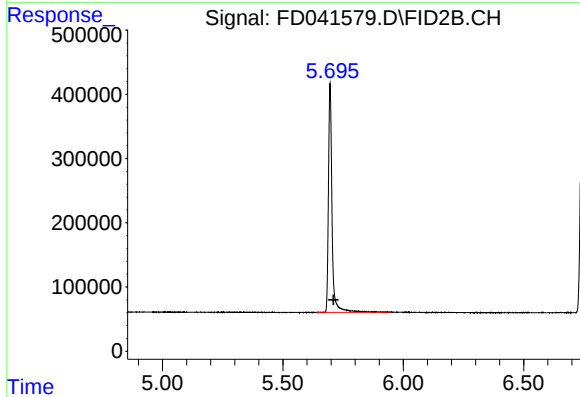




#1 1,2,3-Trimethylbenzene (C10.1)

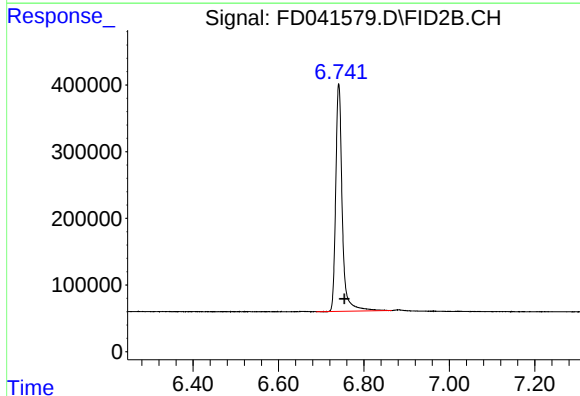
R.T.: 4.177 min
Delta R.T.: -0.012 min
Response: 3602660
Conc: 20.56 ug/ml

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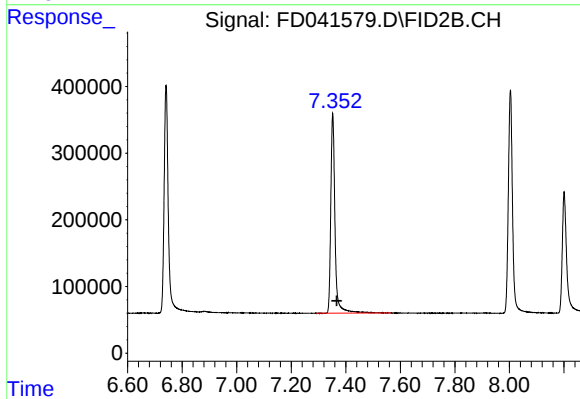
#2 Naphthalene (C11.7)

R.T.: 5.696 min
Delta R.T.: -0.013 min
Response: 3732664
Conc: 20.47 ug/ml



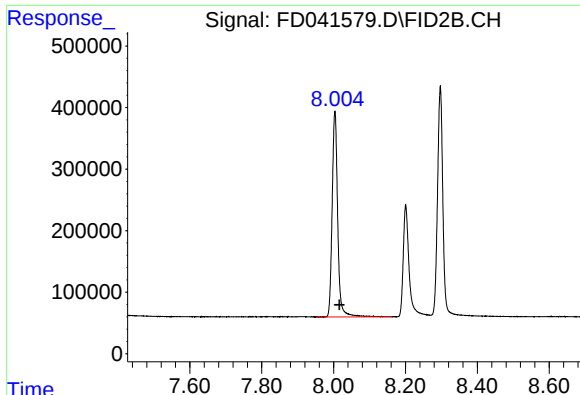
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.741 min
Delta R.T.: -0.013 min
Response: 3616397
Conc: 19.98 ug/ml



#4 2-Bromonaphthalene (SURR)

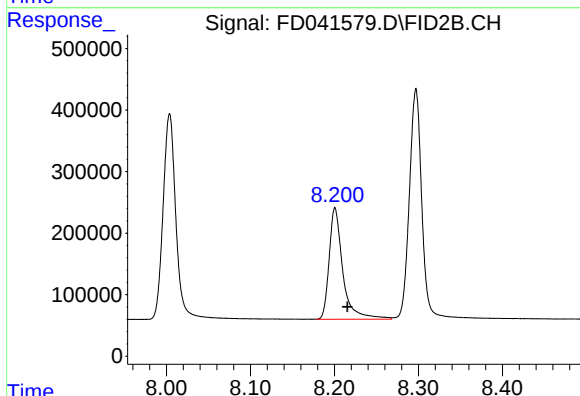
R.T.: 7.352 min
Delta R.T.: -0.014 min
Response: 3236518
Conc: 20.03 ug/ml



#5 Acenaphthylene (C15.06)

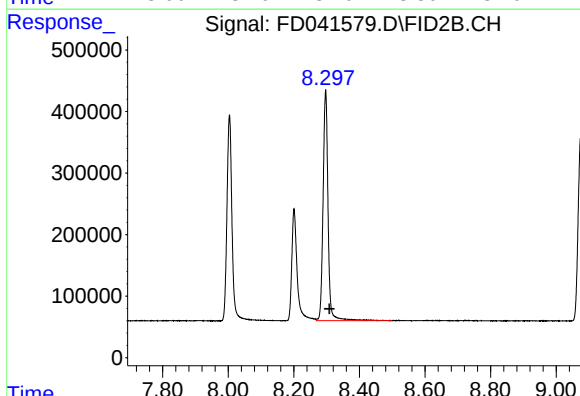
R.T.: 8.004 min
Delta R.T.: -0.012 min
Response: 3565025
Conc: 19.94 ug/ml

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20 PPM AROMATIC HC STD



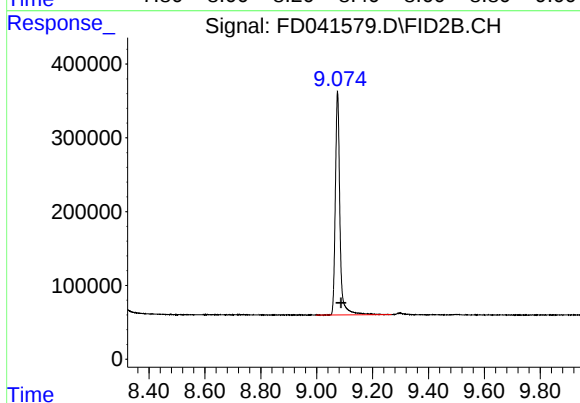
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.201 min
Delta R.T.: -0.014 min
Response: 2049211
Conc: 19.69 ug/ml



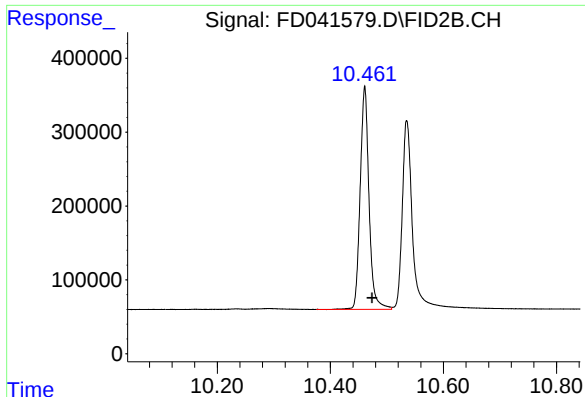
#7 Acenaphthene (C15.5)

R.T.: 8.297 min
Delta R.T.: -0.012 min
Response: 3939237
Conc: 20.61 ug/ml



#8 Fluorene (C16.55)

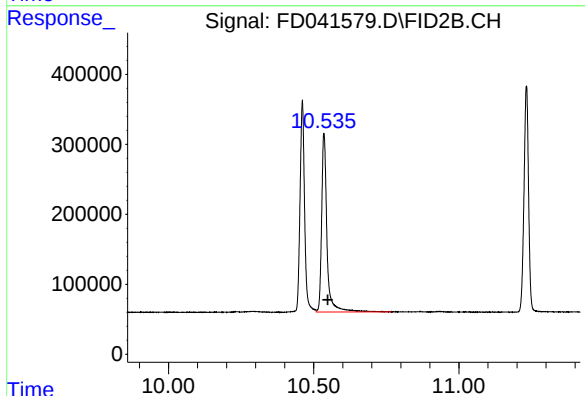
R.T.: 9.075 min
Delta R.T.: -0.013 min
Response: 3428769
Conc: 20.02 ug/ml



#9 Phenanthrene (C19.36)

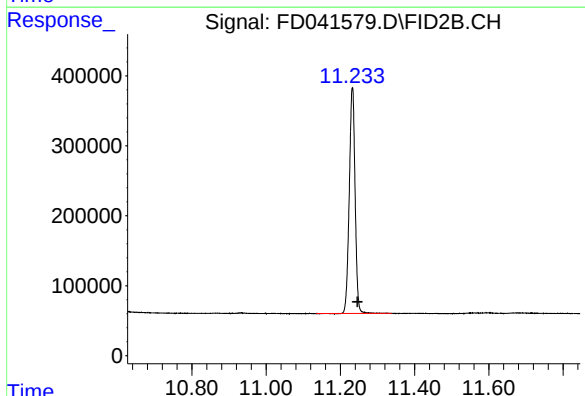
R.T.: 10.461 min
Delta R.T.: -0.013 min
Response: 3277120
Conc: 19.95 ug/ml

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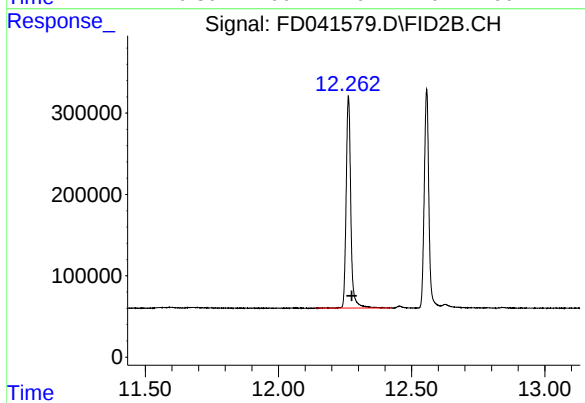
#10 Anthracene (C19.43)

R.T.: 10.536 min
Delta R.T.: -0.013 min
Response: 3274398
Conc: 20.48 ug/ml



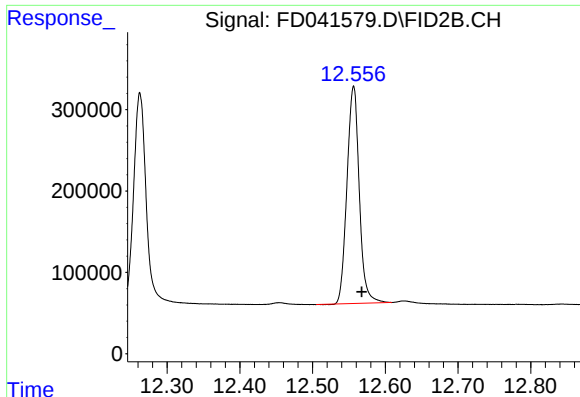
#11 ortho-Terphenyl (SURR)

R.T.: 11.232 min
Delta R.T.: -0.014 min
Response: 3524235
Conc: 20.09 ug/ml



#12 Fluoranthene (C21.85)

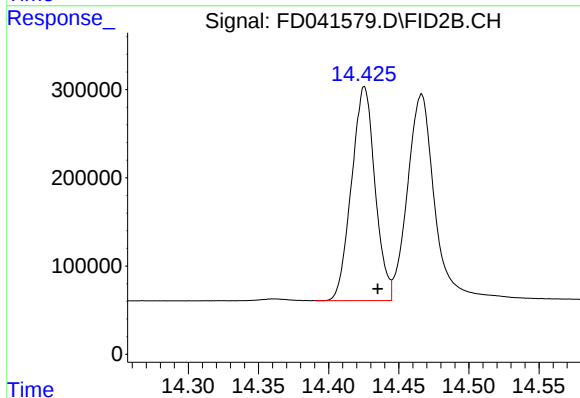
R.T.: 12.263 min
Delta R.T.: -0.012 min
Response: 3186349
Conc: 18.96 ug/ml



#13 Pyrene (C20.8)

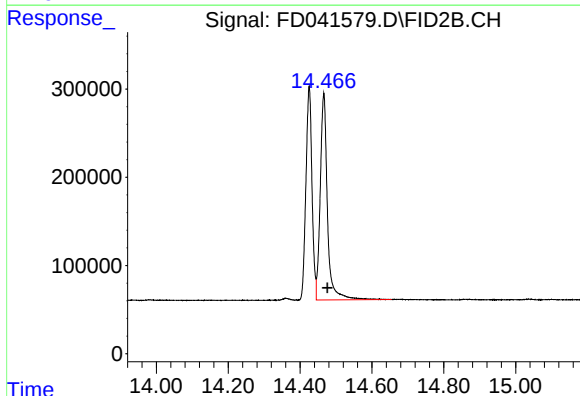
R.T.: 12.556 min
Delta R.T.: -0.012 min
Response: 3135639
Conc: 18.70 ug/ml

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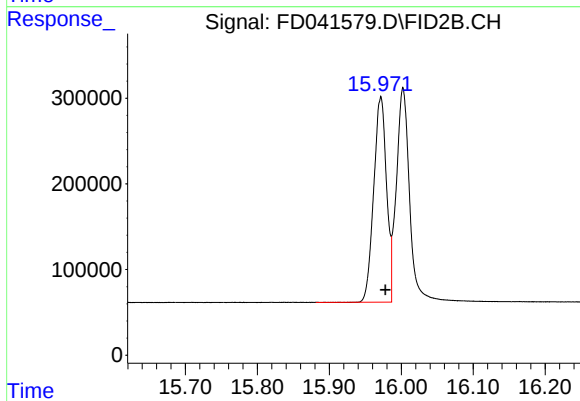
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.425 min
Delta R.T.: -0.010 min
Response: 2828828
Conc: 19.49 ug/ml



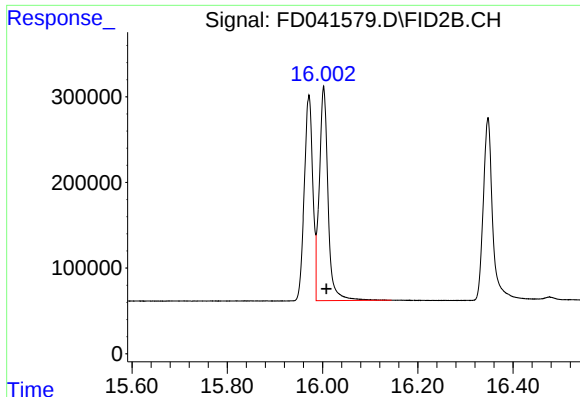
#15 Chrysene (C27.41)

R.T.: 14.466 min
Delta R.T.: -0.010 min
Response: 3271414
Conc: 19.87 ug/ml



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

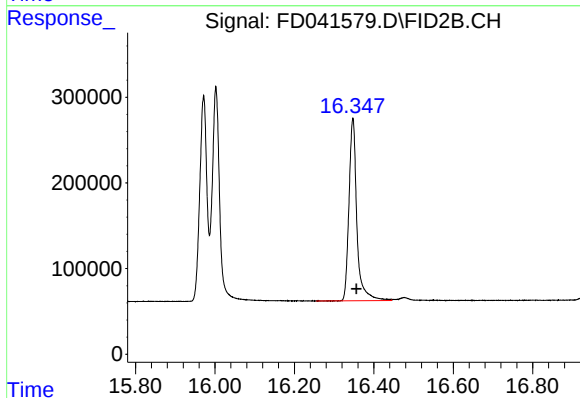
R.T.: 15.971 min
Delta R.T.: -0.007 min
Response: 2955987
Conc: 21.66 ug/ml



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

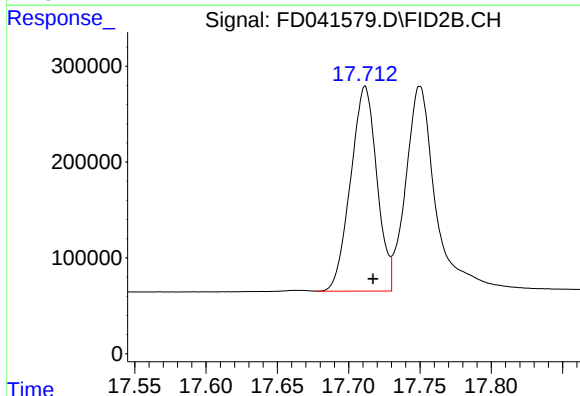
R.T.: 16.002 min
Delta R.T.: -0.006 min
Response: 3215202
Conc: 21.79 ug/ml

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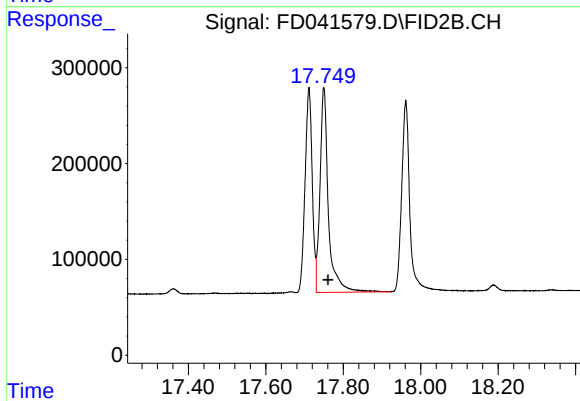
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.347 min
Delta R.T.: -0.009 min
Response: 2939024
Conc: 22.35 ug/ml



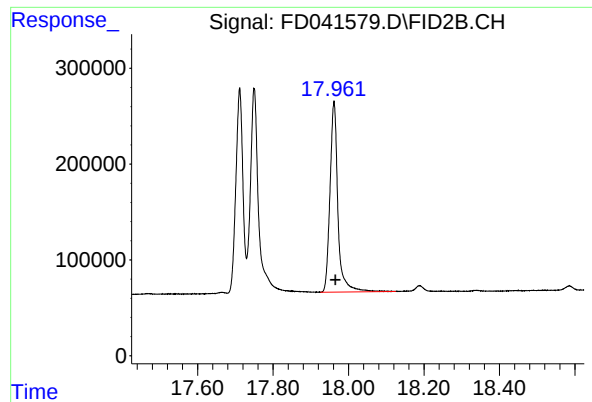
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.711 min
Delta R.T.: -0.006 min
Response: 2738446
Conc: 21.85 ug/ml



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

R.T.: 17.750 min
Delta R.T.: -0.011 min
Response: 3221128
Conc: 22.79 ug/ml



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

R.T.: 17.961 min
Delta R.T.: -0.004 min
Response: 2890668
Conc: 22.33 ug/ml

Instrument :

FID_D

ClientSampleId :

20 PPM AROMATIC HC STD