

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD033022AR\
 Data File : FD041812.D
 Signal(s) : FID2B.CH
 Acq On : 30 Mar 2022 12:44
 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 31 01:22:09 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 032222.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 29 12:14:13 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...	7.347	3500478	21.825 ug/ml
Spiked Amount 50.000		Recovery =	43.65%
6) S 2-Fluorobiphenyl (SURR)	8.196	2153285	21.791 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	43.58%
11) S ortho-Terphenyl (SURR)	11.227	4091614	21.048 ug/ml
Spiked Amount 50.000		Recovery =	42.10%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.169	3925050	22.409 ug/ml
2) T Naphthalene (C11.7)	5.690	3935413	22.305 ug/ml
3) T 2-Methylnaphthalene (...)	6.735	3483800	21.775 ug/ml
5) T Acenaphthylene (C15.06)	7.998	3949143	21.340 ug/ml
7) T Acenaphthene (C15.5)	8.291	4163429	21.688 ug/ml
8) T Flouorene (C16.55)	9.069	3805696	21.572 ug/ml
9) T Phenanthrene (C19.36)	10.456	3668370	21.031 ug/ml
10) T Anthracene (C19.43)	10.531	3495020	19.202 ug/ml
12) T Fluoranthene (C21.85)	12.258	3538158	20.042 ug/ml
13) T Pyrene (C20.8)	12.552	3401982	20.122 ug/ml
14) T Benzo[a]anthracene (C...	14.422	2981453	19.939 ug/ml
15) T Chrysene (C27.41)	14.463	3500008	19.445 ug/ml
16) T benzo[b]fluoranthene ...	15.970	3189653	21.509 ug/ml
17) T Bnezo[k]fluoranthene ...	16.001	3397765	20.563 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.345	3137276	22.304 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.711	2739360	24.871 ug/ml
20) T Dibenz[a,h]anthracene...	17.749	3556762	24.568 ug/ml
21) T Benzo[g,h,i]perylene ...	17.961	3202061	24.127 ug/ml

(f)=RT Delta > 1/2 Window

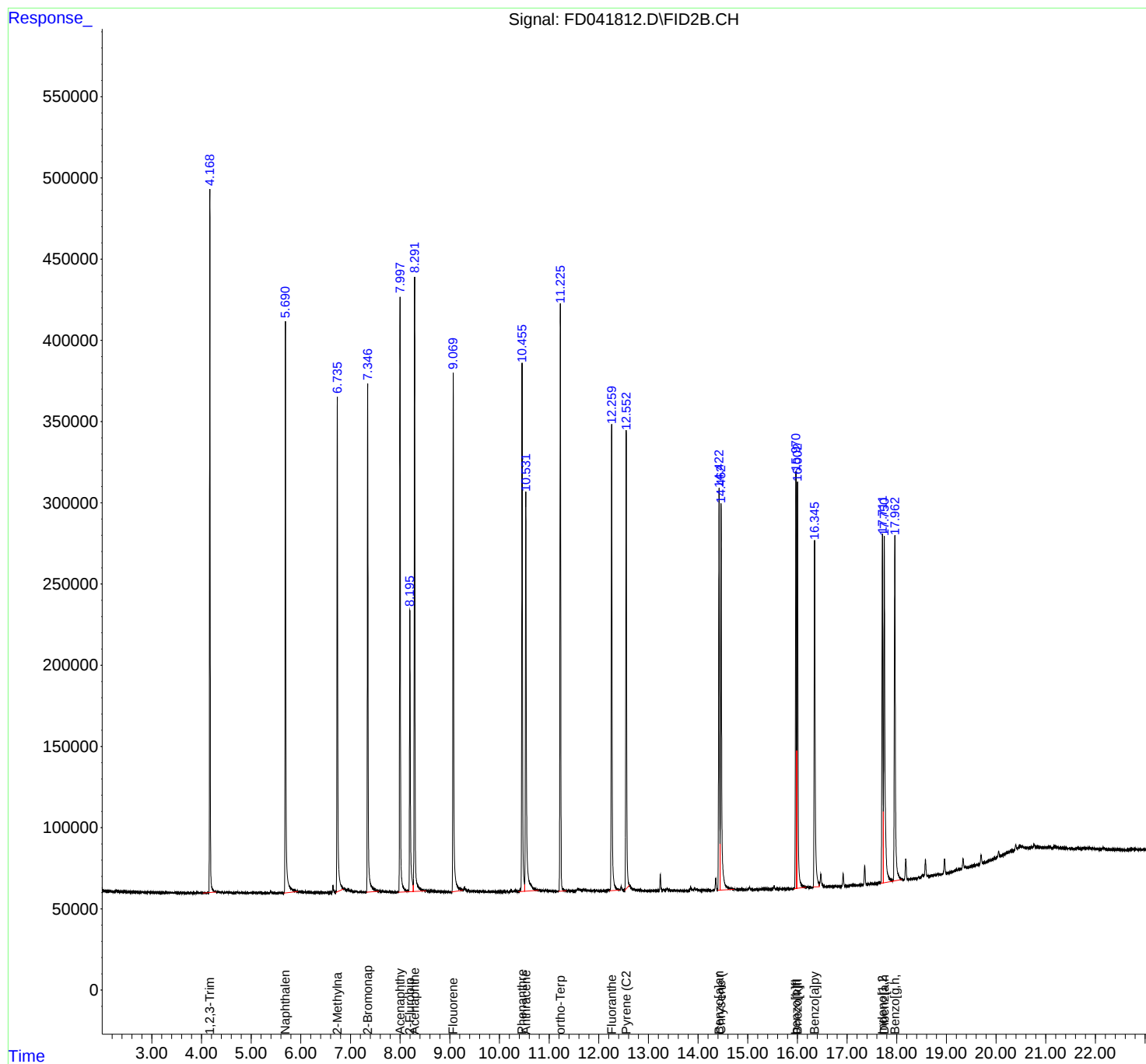
(m)=manual int.

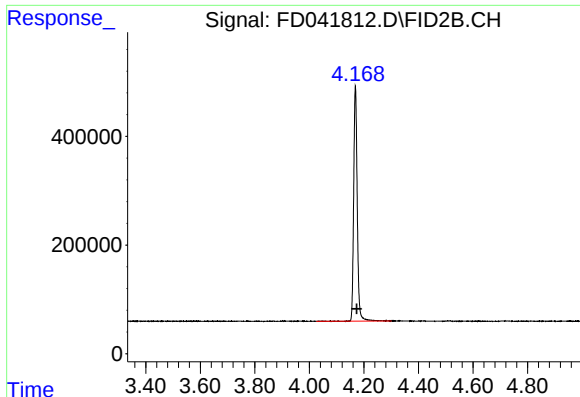
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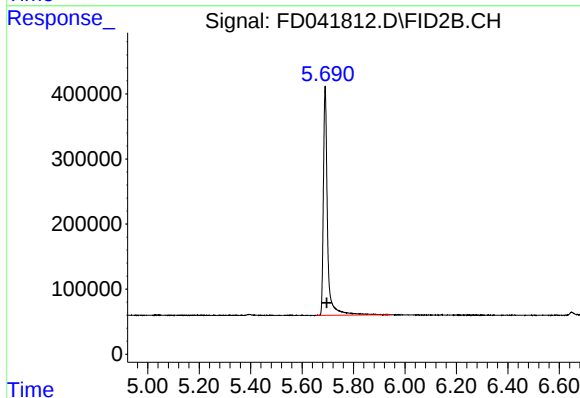




#1 1,2,3-Trimethylbenzene (C10.1)

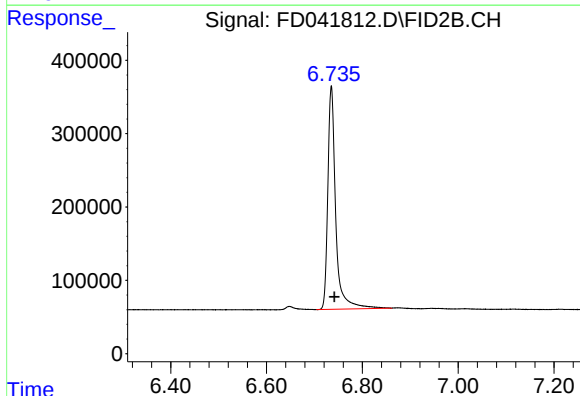
R.T.: 4.169 min
Delta R.T.: -0.004 min
Response: 3925050
Conc: 22.41 ug/ml

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FID_D
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20 PPM AROMATIC HC STD



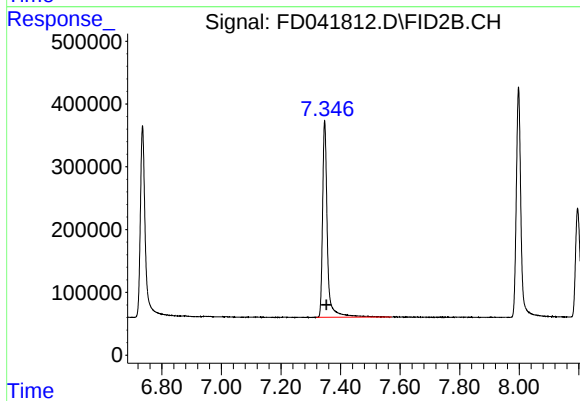
#2 Naphthalene (C11.7)

R.T.: 5.690 min
Delta R.T.: -0.006 min
Response: 3935413
Conc: 22.30 ug/ml



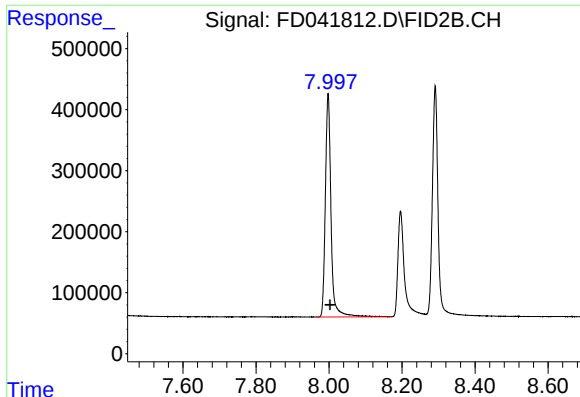
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.735 min
Delta R.T.: -0.006 min
Response: 3483800
Conc: 21.77 ug/ml



#4 2-Bromonaphthalene (SURR)

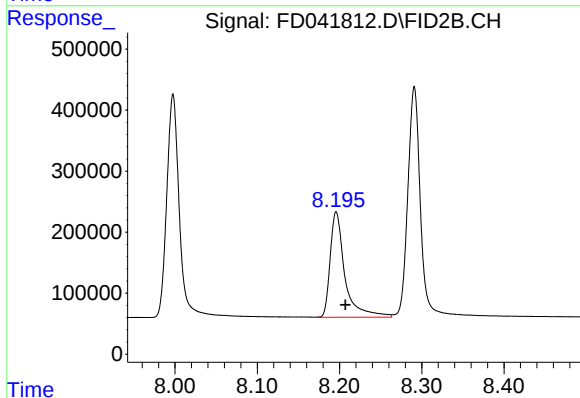
R.T.: 7.347 min
Delta R.T.: -0.006 min
Response: 3500478
Conc: 21.82 ug/ml



#5 Acenaphthylene (C15.06)

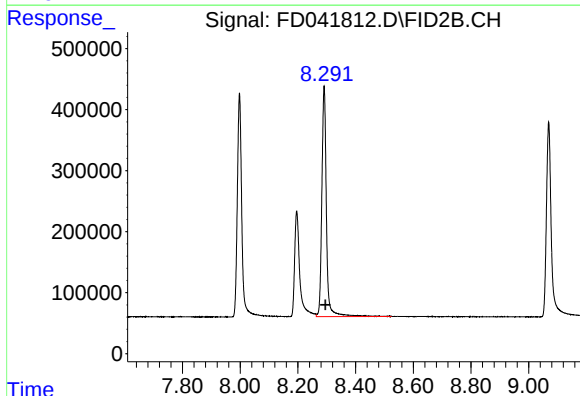
R.T.: 7.998 min
Delta R.T.: -0.005 min
Response: 3949143
Conc: 21.34 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



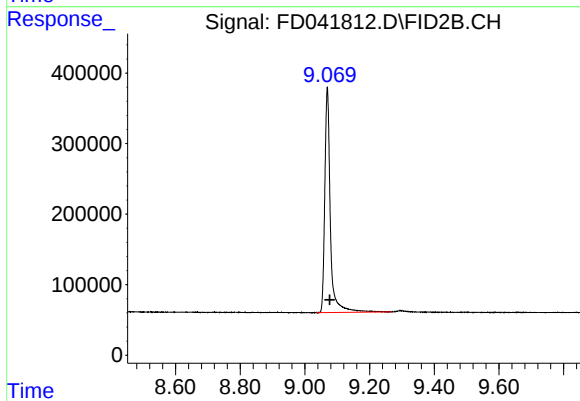
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.196 min
Delta R.T.: -0.011 min
Response: 2153285
Conc: 21.79 ug/ml



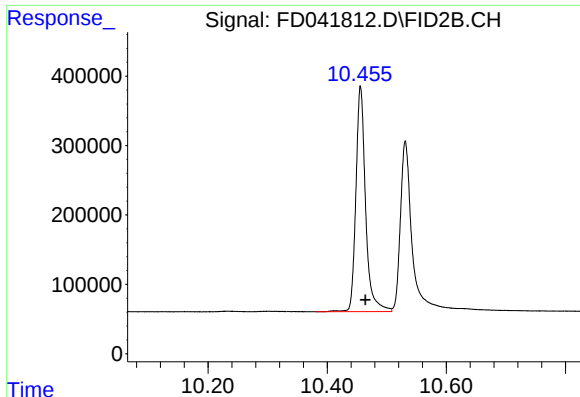
#7 Acenaphthene (C15.5)

R.T.: 8.291 min
Delta R.T.: -0.004 min
Response: 4163429
Conc: 21.69 ug/ml



#8 Flouorene (C16.55)

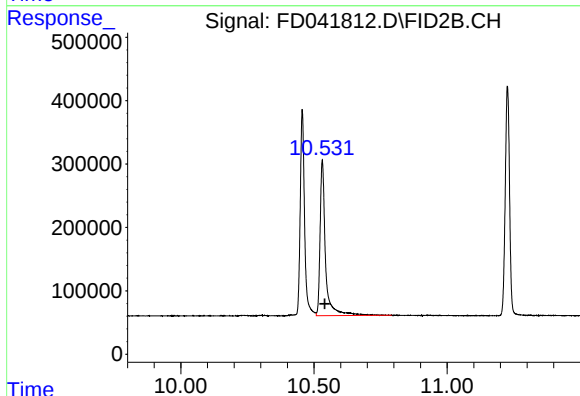
R.T.: 9.069 min
Delta R.T.: -0.008 min
Response: 3805696
Conc: 21.57 ug/ml



#9 Phenanthrene (C19.36)

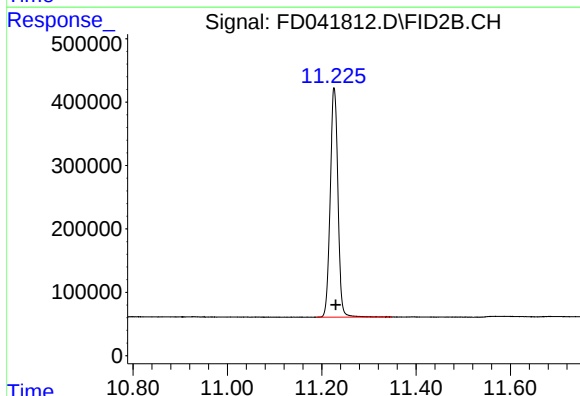
R.T.: 10.456 min
Delta R.T.: -0.008 min
Response: 3668370
Conc: 21.03 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



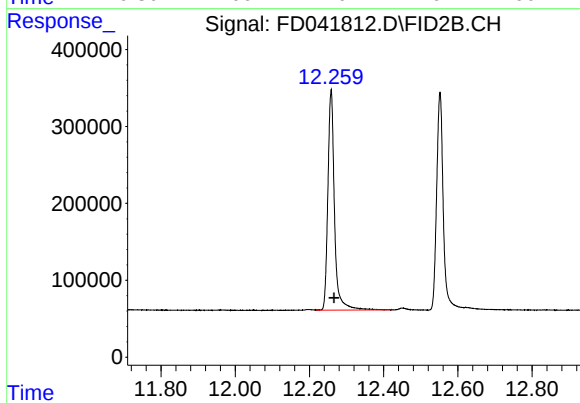
#10 Anthracene (C19.43)

R.T.: 10.531 min
Delta R.T.: -0.009 min
Response: 3495020
Conc: 19.20 ug/ml



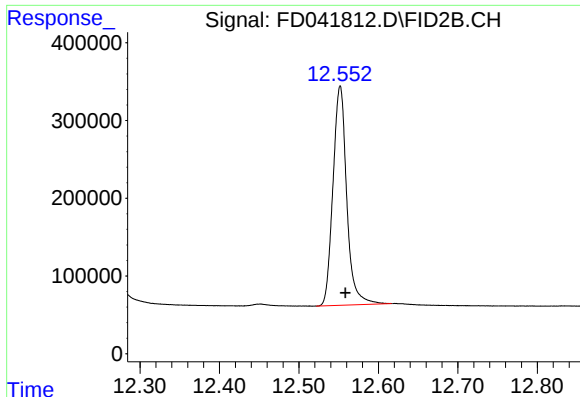
#11 ortho-Terphenyl (SURRE)

R.T.: 11.227 min
Delta R.T.: -0.003 min
Response: 4091614
Conc: 21.05 ug/ml



#12 Fluoranthene (C21.85)

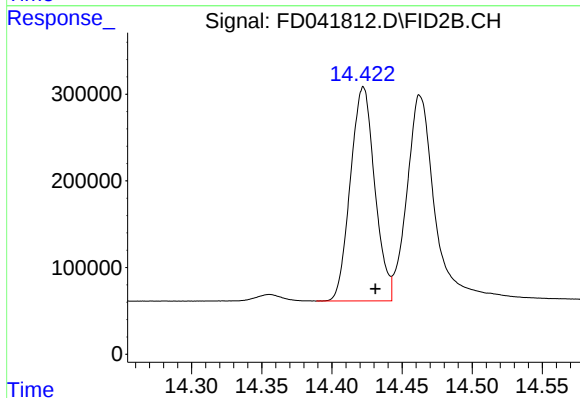
R.T.: 12.258 min
Delta R.T.: -0.008 min
Response: 3538158
Conc: 20.04 ug/ml



#13 Pyrene (C20.8)

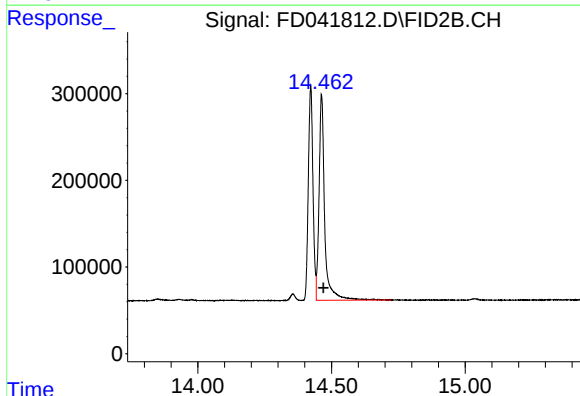
R.T.: 12.552 min
Delta R.T.: -0.007 min
Response: 3401982
Conc: 20.12 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



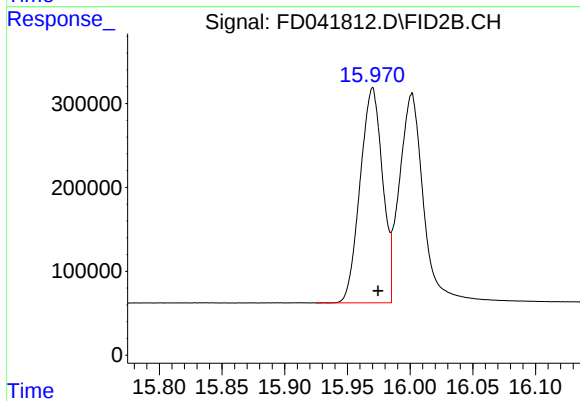
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.422 min
Delta R.T.: -0.009 min
Response: 2981453
Conc: 19.94 ug/ml



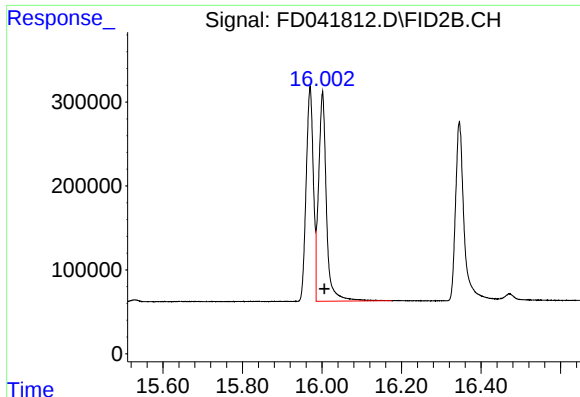
#15 Chrysene (C27.41)

R.T.: 14.463 min
Delta R.T.: -0.007 min
Response: 3500008
Conc: 19.45 ug/ml



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

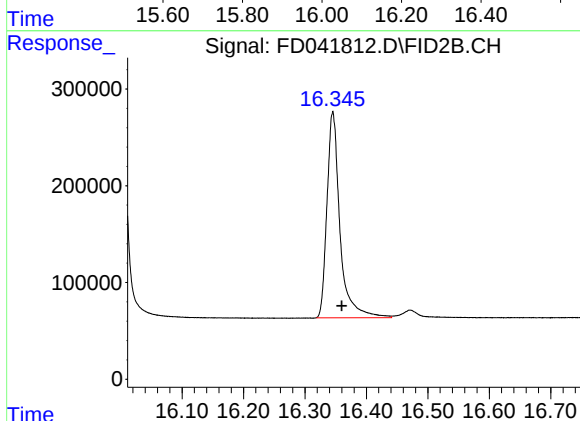
R.T.: 15.970 min
Delta R.T.: -0.005 min
Response: 3189653
Conc: 21.51 ug/ml



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

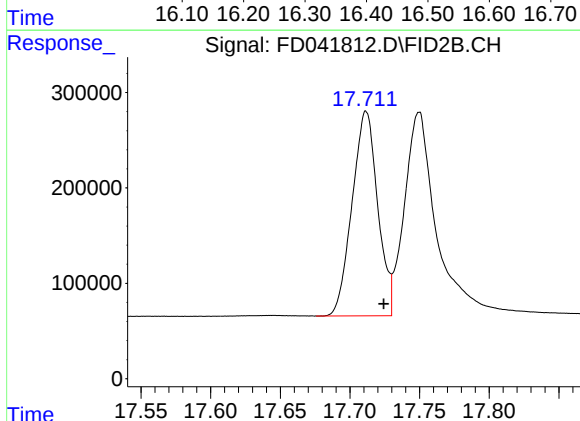
R.T.: 16.001 min
Delta R.T.: -0.005 min
Response: 3397765
Conc: 20.56 ug/ml

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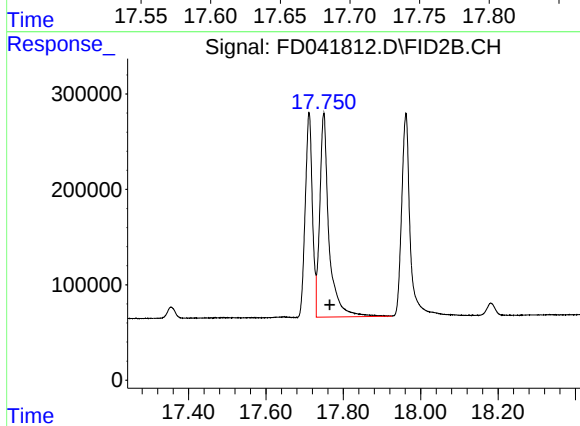
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.345 min
Delta R.T.: -0.015 min
Response: 3137276
Conc: 22.30 ug/ml



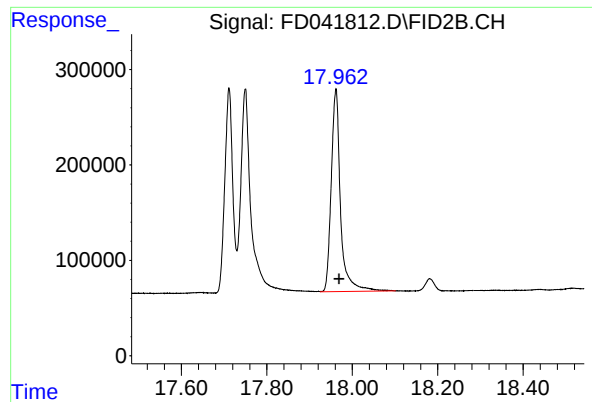
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.711 min
Delta R.T.: -0.013 min
Response: 2739360
Conc: 24.87 ug/ml



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

R.T.: 17.749 min
Delta R.T.: -0.016 min
Response: 3556762
Conc: 24.57 ug/ml



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

R.T.: 17.961 min
Delta R.T.: -0.008 min
Response: 3202061
Conc: 24.13 ug/ml

Instrument :

FID_D

ClientSampleId :

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