

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062321AR\
 Data File : FD037979.D
 Signal(s) : FID2B.CH
 Acq On : 23 Jun 2021 20:11
 Operator : DD\AJ
 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: Jun 24 01:52:03 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 061021.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 11 11:35:39 2021
 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...	7.532	2585548	18.460 ug/ml
Spiked Amount 50.000		Recovery =	36.92%
6) S 2-Fluorobiphenyl (SURR)	8.392	1659824	17.528 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.06%
11) S ortho-Terphenyl (SURR)	11.429	2763403	17.257 ug/ml
Spiked Amount 50.000		Recovery =	34.51%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.336	2987144	20.423 ug/ml
2) T Naphthalene (C11.7)	5.870	3001118	19.381 ug/ml
3) T 2-Methylnaphthalene (...)	6.921	2914730	18.645 ug/ml
5) T Acenaphthylene (C15.06)	8.194	2732074	17.912 ug/ml
7) T Acenaphthene (C15.5)	8.489	2837808	17.999 ug/ml
8) T Fluorene (C16.55)	9.269	2654107	17.380 ug/ml
9) T Phenanthrene (C19.36)	10.664	2532385	16.590 ug/ml
10) T Anthracene (C19.43)	10.738	2343727	15.779 ug/ml
12) T Fluoranthene (C21.85)	12.473	2358714	15.652 ug/ml
13) T Pyrene (C20.8)	12.769	2259663	15.311 ug/ml
14) T Benzo[a]anthracene (C...	14.640	2101176	15.650 ug/ml
15) T Chrysene (C27.41)	14.681	2231140	15.888 ug/ml
16) T benzo[b]fluoranthene ...	16.190	2194072	16.952 ug/ml
17) T Bnezo[k]fluoranthene ...	16.222	2188757	17.182 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.568	2021727	17.350 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.936	2103792	18.968 ug/ml
20) T Dibenz[a,h]anthracene...	17.973	2270443	20.059 ug/ml
21) T Benzo[g,h,i]perylene ...	18.189	2211059	20.044 ug/ml

(f)=RT Delta > 1/2 Window

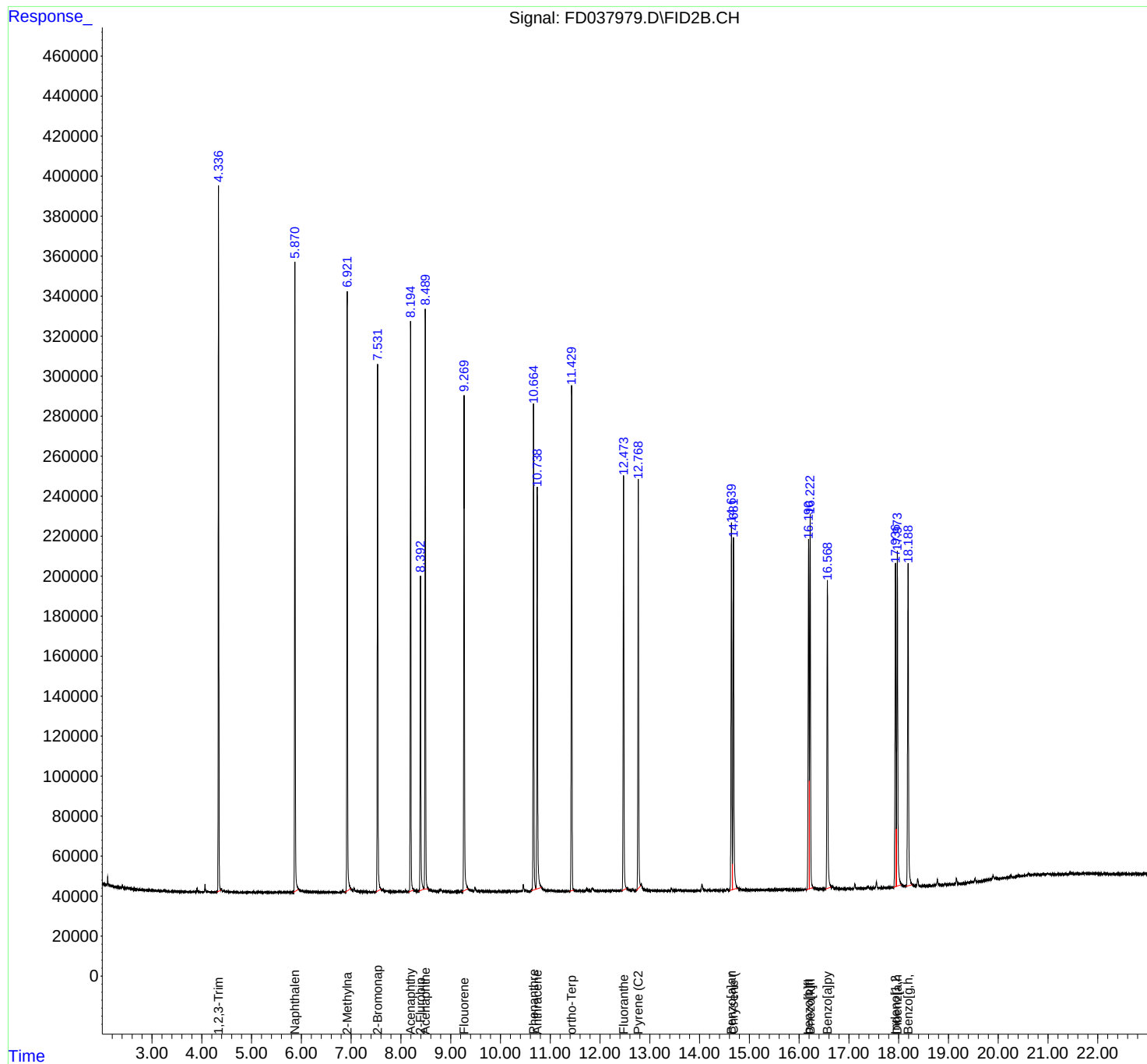
(m)=manual int.

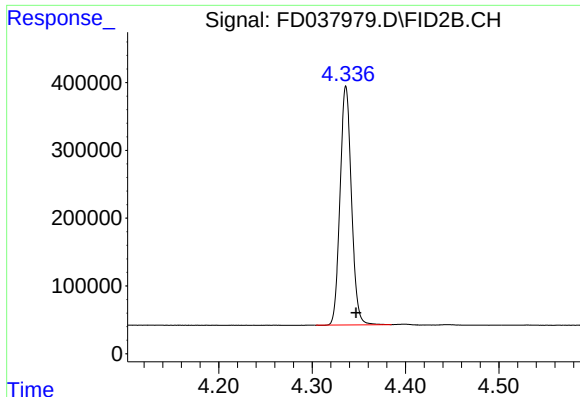
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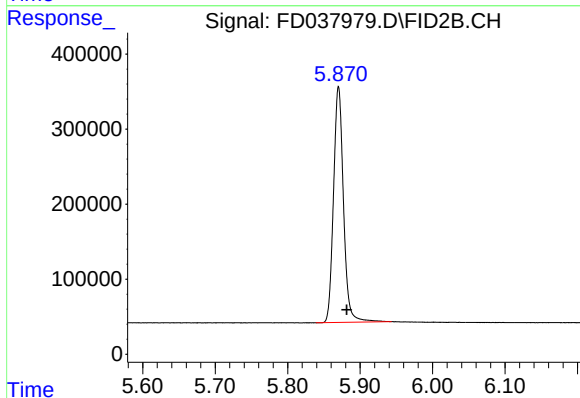




#1 1,2,3-Trimethylbenzene (C10.1)

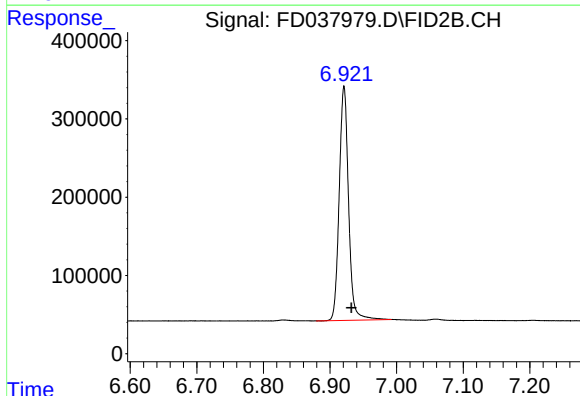
R.T.: 4.336 min
Delta R.T.: -0.011 min
Response: 2987144
Conc: 20.42 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



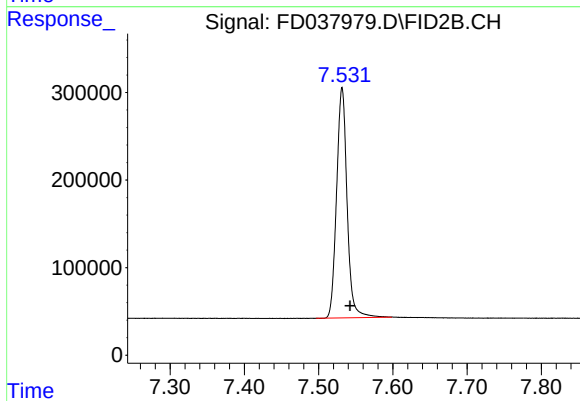
#2 Naphthalene (C11.7)

R.T.: 5.870 min
Delta R.T.: -0.011 min
Response: 3001118
Conc: 19.38 ug/ml



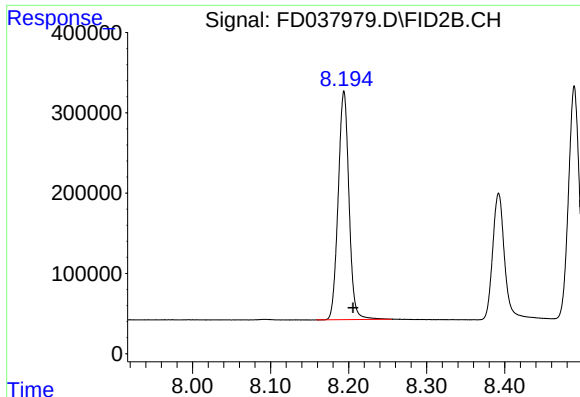
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.921 min
Delta R.T.: -0.011 min
Response: 2914730
Conc: 18.65 ug/ml



#4 2-Bromonaphthalene (SURR)

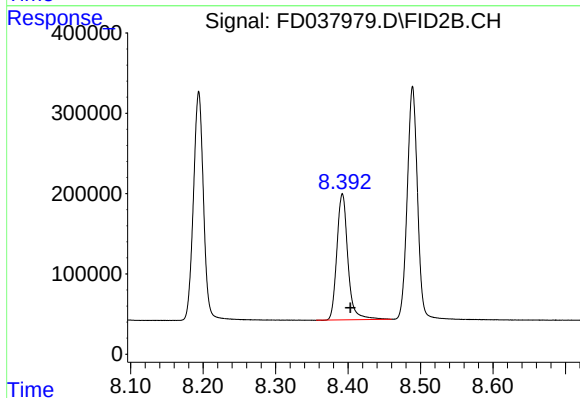
R.T.: 7.532 min
Delta R.T.: -0.011 min
Response: 2585548
Conc: 18.46 ug/ml



#5 Acenaphthylene (C15.06)

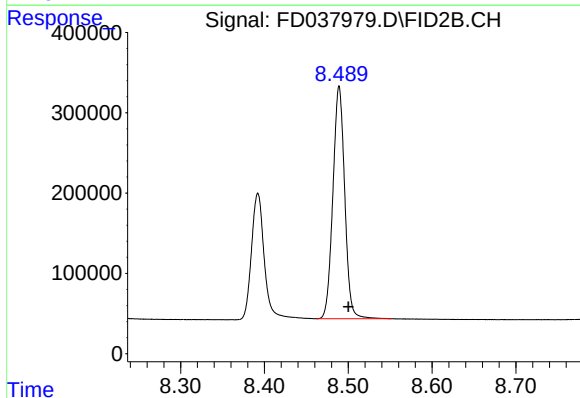
R.T.: 8.194 min
Delta R.T.: -0.012 min
Response: 2732074
Conc: 17.91 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



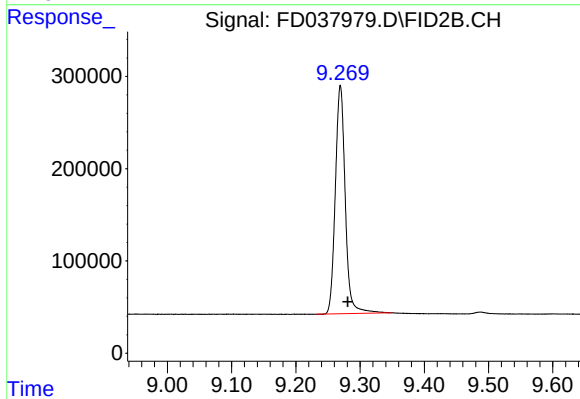
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.392 min
Delta R.T.: -0.011 min
Response: 1659824
Conc: 17.53 ug/ml



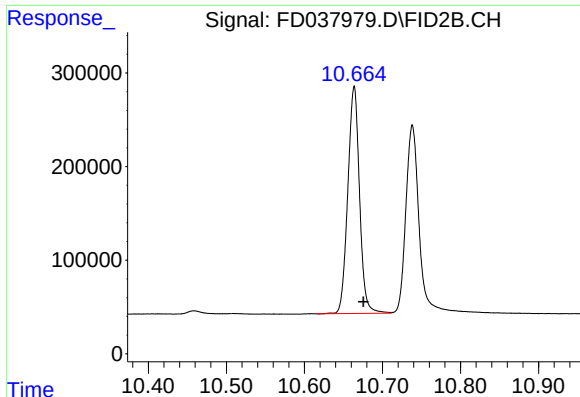
#7 Acenaphthene (C15.5)

R.T.: 8.489 min
Delta R.T.: -0.011 min
Response: 2837808
Conc: 18.00 ug/ml



#8 Flouorene (C16.55)

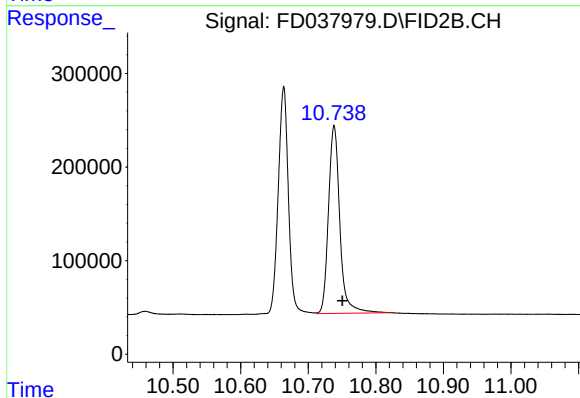
R.T.: 9.269 min
Delta R.T.: -0.011 min
Response: 2654107
Conc: 17.38 ug/ml



#9 Phenanthrene (C19.36)

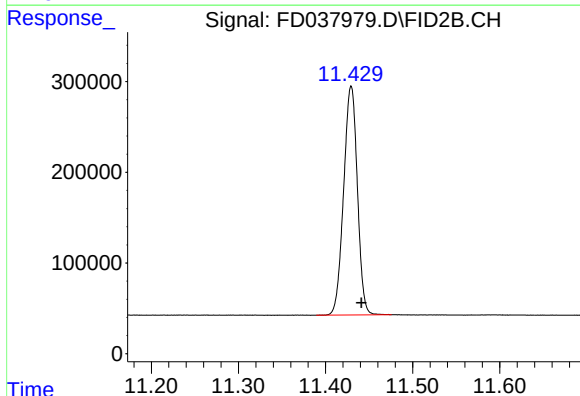
R.T.: 10.664 min
Delta R.T.: -0.012 min
Response: 2532385
Conc: 16.59 ug/ml

Instrument :
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20 PPM AROMATIC HC STD



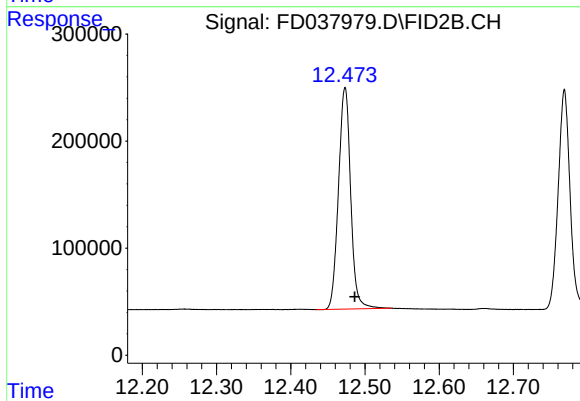
#10 Anthracene (C19.43)

R.T.: 10.738 min
Delta R.T.: -0.012 min
Response: 2343727
Conc: 15.78 ug/ml



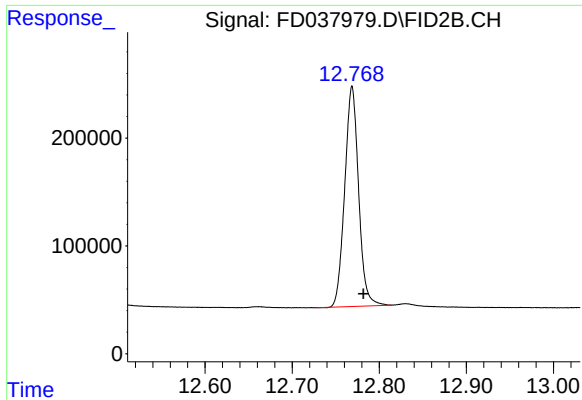
#11 ortho-Terphenyl (SURR)

R.T.: 11.429 min
Delta R.T.: -0.012 min
Response: 2763403
Conc: 17.26 ug/ml



#12 Fluoranthene (C21.85)

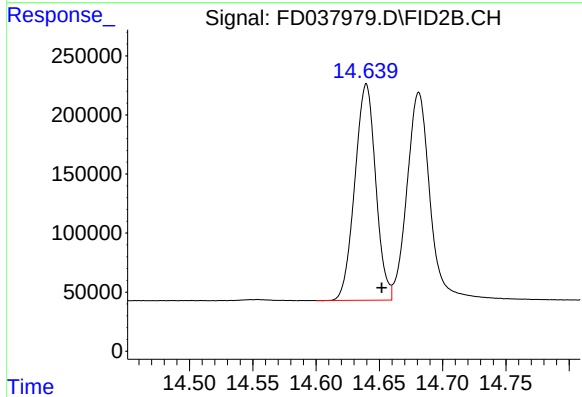
R.T.: 12.473 min
Delta R.T.: -0.013 min
Response: 2358714
Conc: 15.65 ug/ml



#13 Pyrene (C20.8)

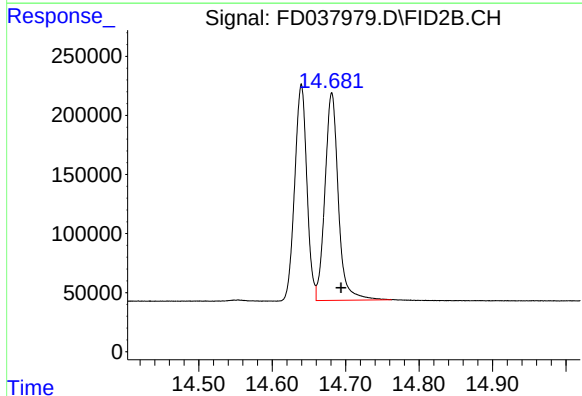
R.T.: 12.769 min
Delta R.T.: -0.013 min
Response: 2259663
Conc: 15.31 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



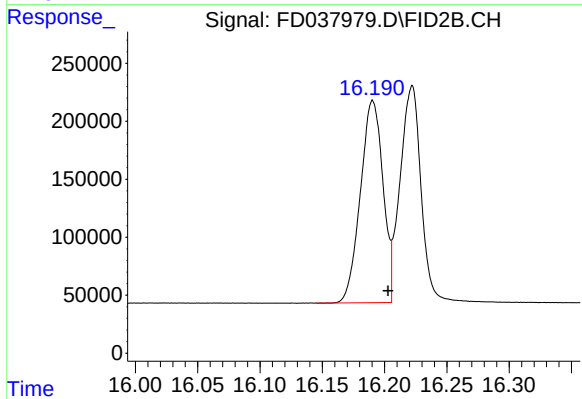
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.640 min
Delta R.T.: -0.012 min
Response: 2101176
Conc: 15.65 ug/ml



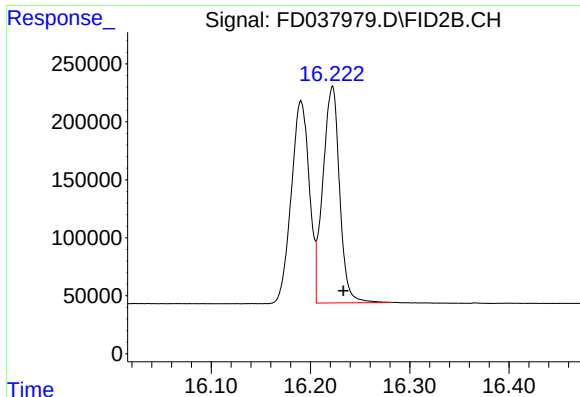
#15 Chrysene (C27.41)

R.T.: 14.681 min
Delta R.T.: -0.013 min
Response: 2231140
Conc: 15.89 ug/ml



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

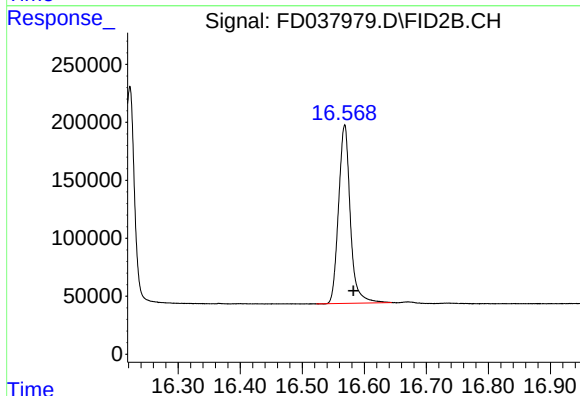
R.T.: 16.190 min
Delta R.T.: -0.012 min
Response: 2194072
Conc: 16.95 ug/ml



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

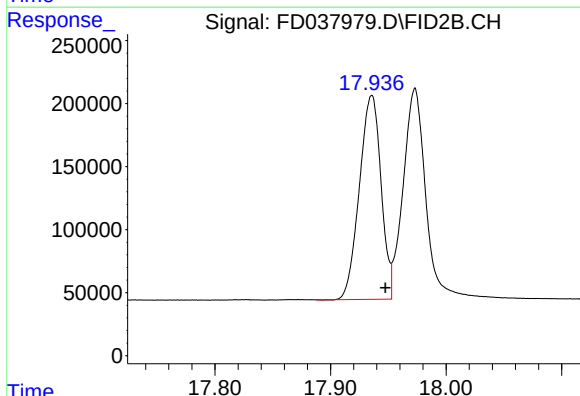
R.T.: 16.222 min
Delta R.T.: -0.011 min
Response: 2188757
Conc: 17.18 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



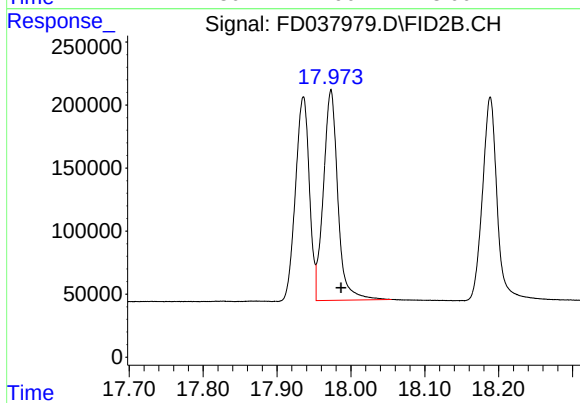
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.568 min
Delta R.T.: -0.014 min
Response: 2021727
Conc: 17.35 ug/ml



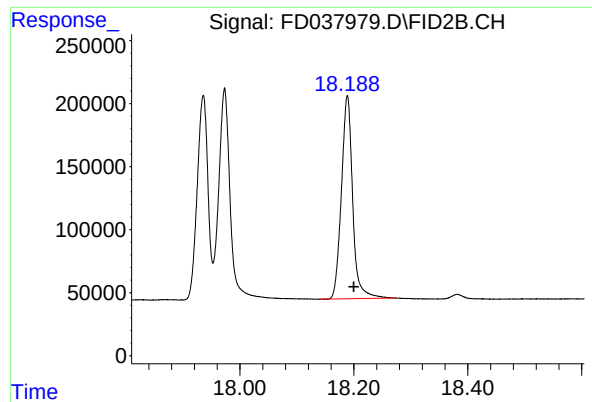
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.936 min
Delta R.T.: -0.012 min
Response: 2103792
Conc: 18.97 ug/ml



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

R.T.: 17.973 min
Delta R.T.: -0.014 min
Response: 2270443
Conc: 20.06 ug/ml



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

R.T.: 18.189 min
Delta R.T.: -0.011 min
Response: 2211059
Conc: 20.04 ug/ml

Instrument :
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ClientSampleId :
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