

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050621AR\
 Data File : FD037392.D
 Signal(s) : FID2B.CH
 Acq On : 06 May 2021 22:11
 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: May 07 05:42:16 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042121.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 22 07:01:17 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...	7.568	2139339	18.094 ug/ml
Spiked Amount 50.000		Recovery =	36.19%
6) S 2-Fluorobiphenyl (SURR)	8.430	1354169	17.550 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	35.10%
11) S ortho-Terphenyl (SURR)	11.471	2170728	17.574 ug/ml
Spiked Amount 50.000		Recovery =	35.15%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.367	2475548	18.617 ug/ml
2) T Naphthalene (C11.7)	5.905	2500931	18.193 ug/ml
3) T 2-Methylnaphthalene (...)	6.958	2413929	18.001 ug/ml
5) T Acenaphthylene (C15.06)	8.232	2209078	17.661 ug/ml
7) T Acenaphthene (C15.5)	8.528	2276444	17.616 ug/ml
8) T Fluorene (C16.55)	9.308	2142592	17.492 ug/ml
9) T Phenanthrene (C19.36)	10.704	2048204	17.375 ug/ml
10) T Anthracene (C19.43)	10.779	1778412	15.439 ug/ml
12) T Fluoranthene (C21.85)	12.515	2050833	17.585 ug/ml
13) T Pyrene (C20.8)	12.812	2046411	17.776 ug/ml
14) T Benzo[a]anthracene (C...	14.683	1970691	17.905 ug/ml
15) T Chrysene (C27.41)	14.725	2065291	18.244 ug/ml
16) T benzo[b]fluoranthene ...	16.234	2086947	18.606 ug/ml
17) T Bnezo[k]fluoranthene ...	16.265	2020277	18.757 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.611	1914646	18.499 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.976	1994043	18.745 ug/ml
20) T Dibenz[a,h]anthracene...	18.015	1998548	19.128 ug/ml
21) T Benzo[g,h,i]perylene ...	18.231	2038890	19.089 ug/ml

(f)=RT Delta > 1/2 Window

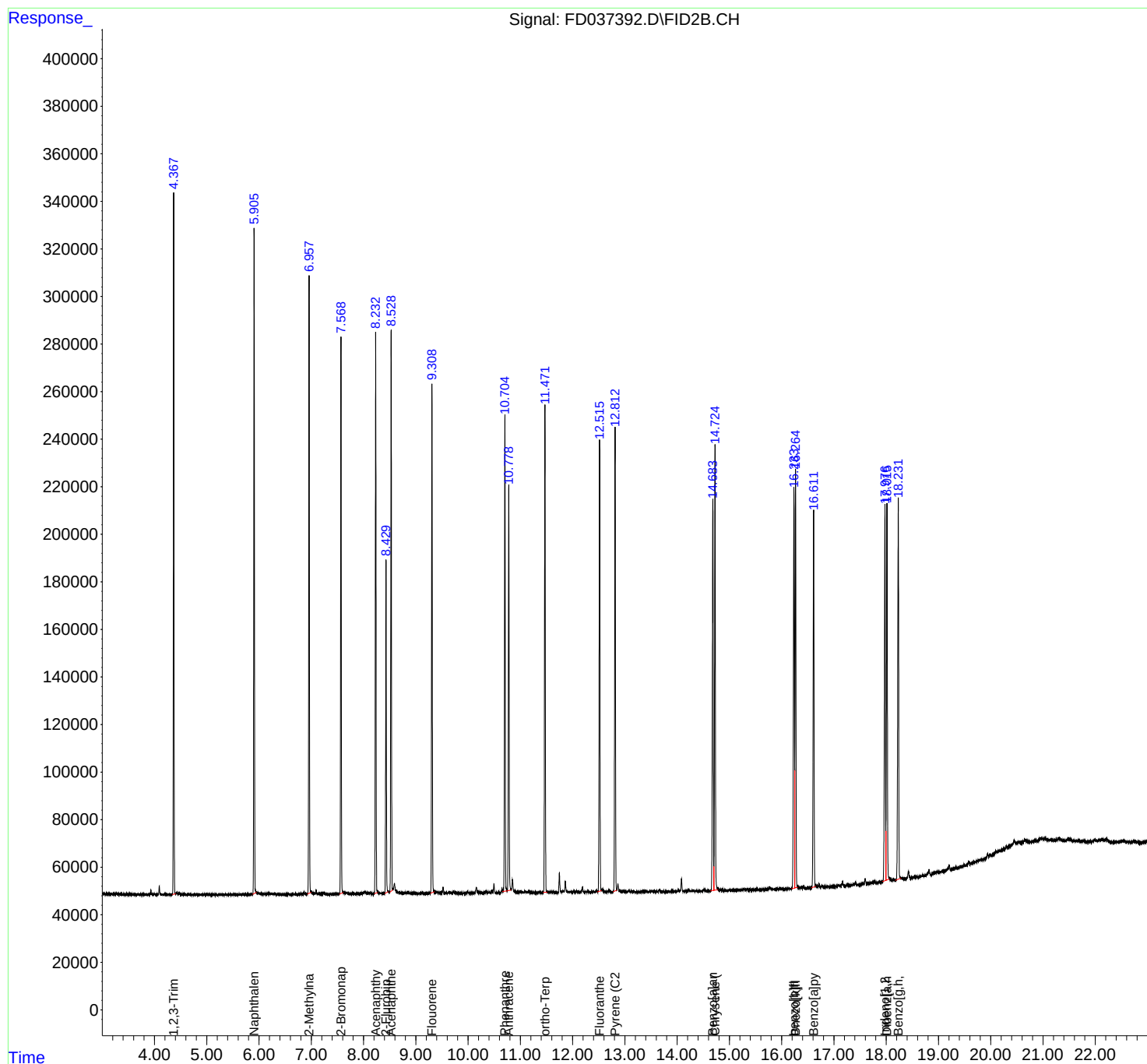
(m)=manual int.

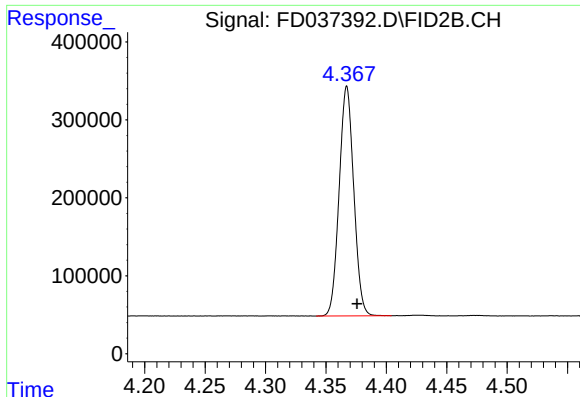
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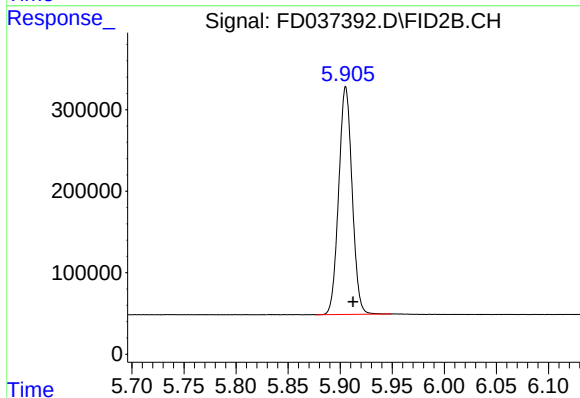




#1 1,2,3-Trimethylbenzene (C10.1)

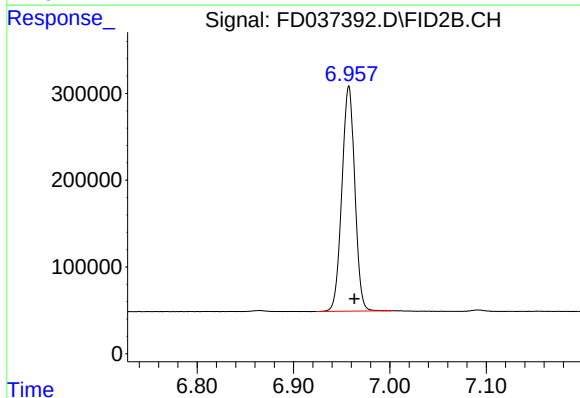
R.T.: 4.367 min
Delta R.T.: -0.009 min
Response: 2475548
Conc: 18.62 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



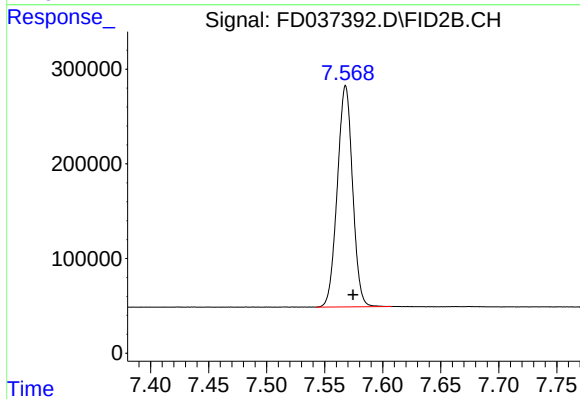
#2 Naphthalene (C11.7)

R.T.: 5.905 min
Delta R.T.: -0.007 min
Response: 2500931
Conc: 18.19 ug/ml



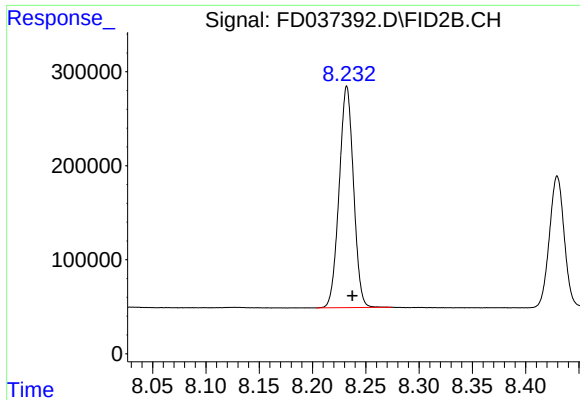
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.958 min
Delta R.T.: -0.006 min
Response: 2413929
Conc: 18.00 ug/ml



#4 2-Bromonaphthalene (SURR)

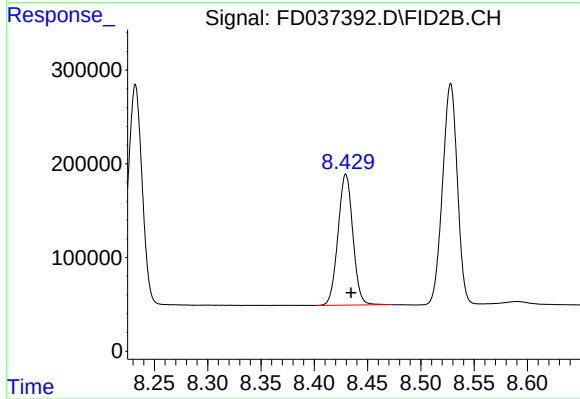
R.T.: 7.568 min
Delta R.T.: -0.006 min
Response: 2139339
Conc: 18.09 ug/ml



#5 Acenaphthylene (C15.06)

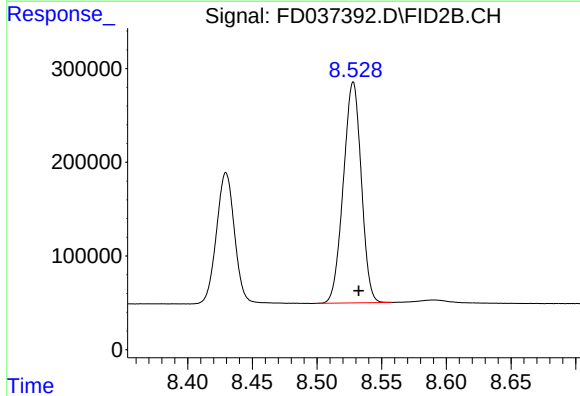
R.T.: 8.232 min
Delta R.T.: -0.005 min
Response: 2209078
Conc: 17.66 ug/ml

Instrument :
FID_D
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20 PPM AROMATIC HC STD



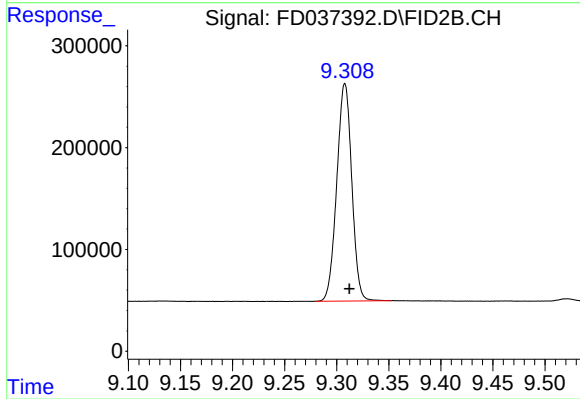
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.430 min
Delta R.T.: -0.005 min
Response: 1354169
Conc: 17.55 ug/ml



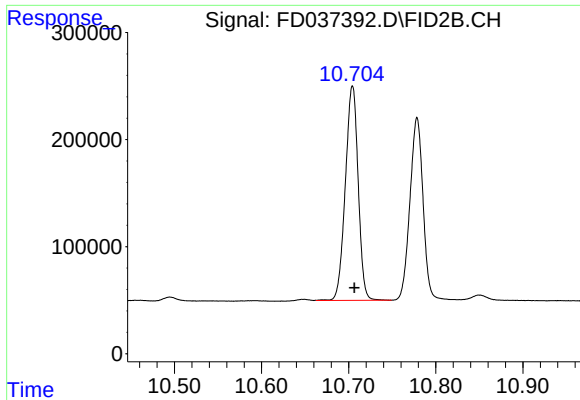
#7 Acenaphthene (C15.5)

R.T.: 8.528 min
Delta R.T.: -0.004 min
Response: 2276444
Conc: 17.62 ug/ml



#8 Flouorene (C16.55)

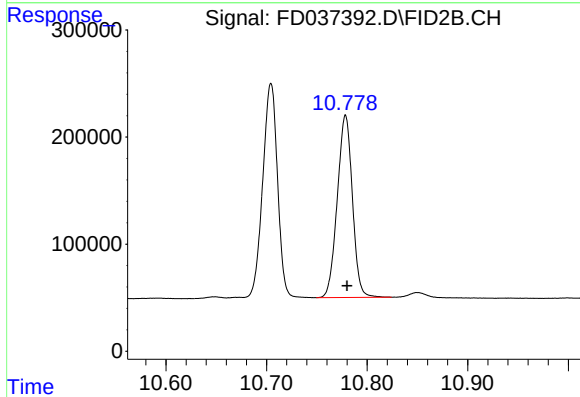
R.T.: 9.308 min
Delta R.T.: -0.004 min
Response: 2142592
Conc: 17.49 ug/ml



#9 Phenanthrene (C19.36)

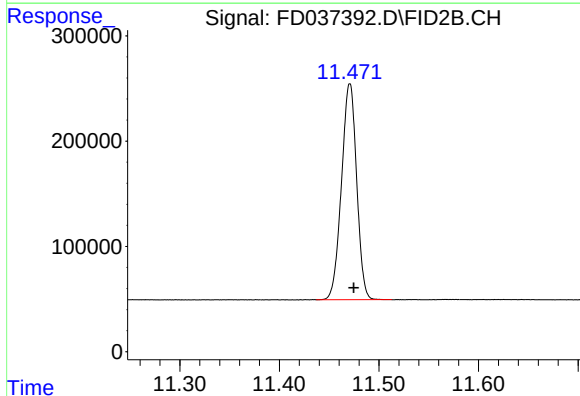
R.T.: 10.704 min
Delta R.T.: -0.002 min
Response: 2048204
Conc: 17.38 ug/ml

Instrument :
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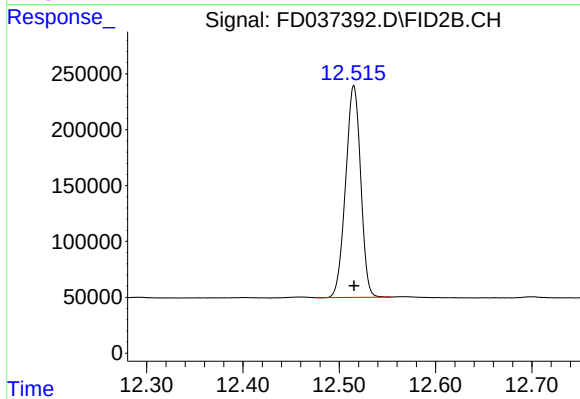
#10 Anthracene (C19.43)

R.T.: 10.779 min
Delta R.T.: -0.001 min
Response: 1778412
Conc: 15.44 ug/ml



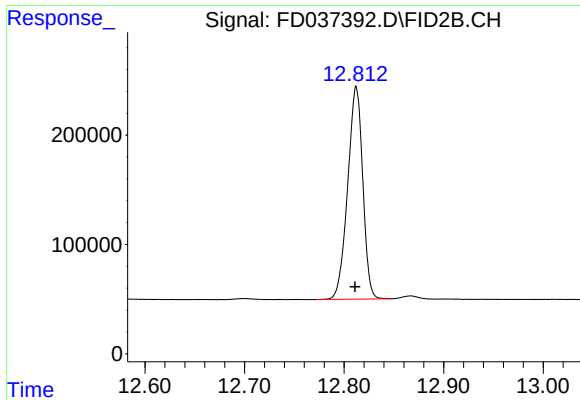
#11 ortho-Terphenyl (SURR)

R.T.: 11.471 min
Delta R.T.: -0.004 min
Response: 2170728
Conc: 17.57 ug/ml



#12 Fluoranthene (C21.85)

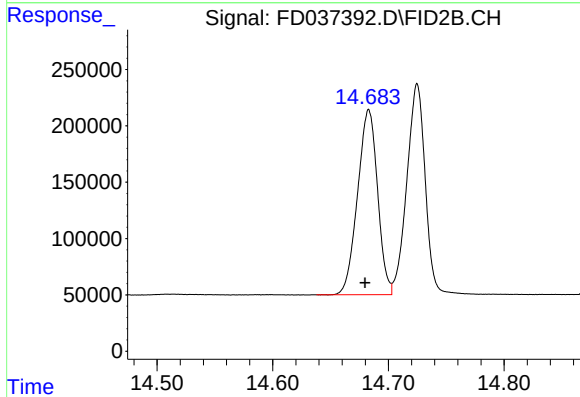
R.T.: 12.515 min
Delta R.T.: 0.000 min
Response: 2050833
Conc: 17.58 ug/ml



#13 Pyrene (C20.8)

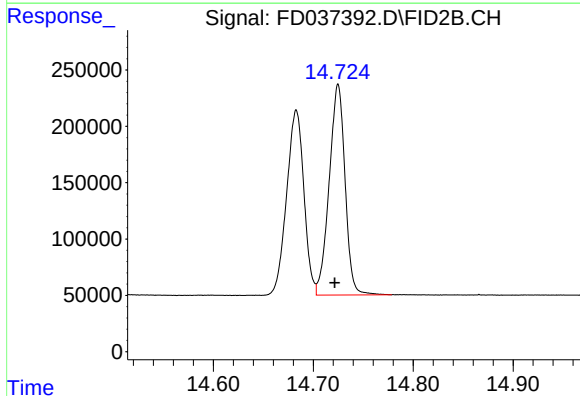
R.T.: 12.812 min
Delta R.T.: 0.001 min
Response: 2046411
Conc: 17.78 ug/ml

Instrument :
FID_D
ClientSampleId :
20 PPM AROMATIC HC STD



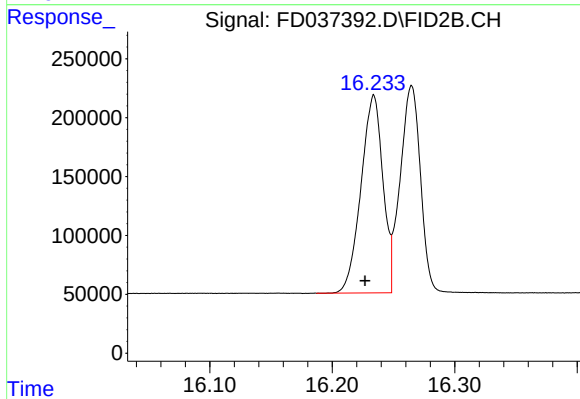
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.683 min
Delta R.T.: 0.003 min
Response: 1970691
Conc: 17.91 ug/ml



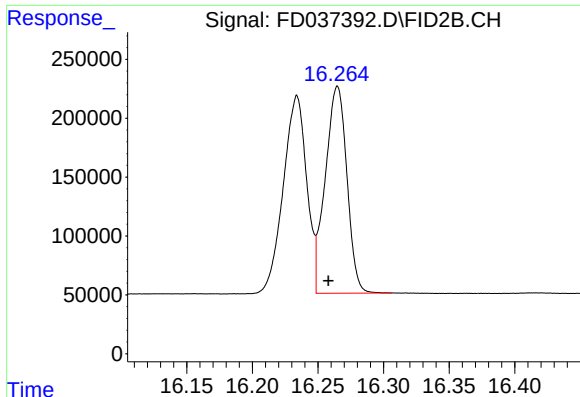
#15 Chrysene (C27.41)

R.T.: 14.725 min
Delta R.T.: 0.003 min
Response: 2065291
Conc: 18.24 ug/ml



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

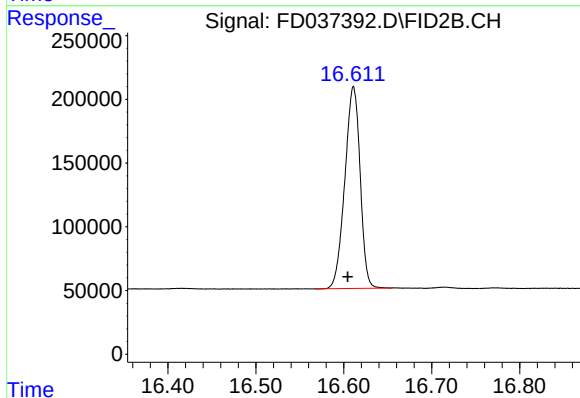
R.T.: 16.234 min
Delta R.T.: 0.007 min
Response: 2086947
Conc: 18.61 ug/ml



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

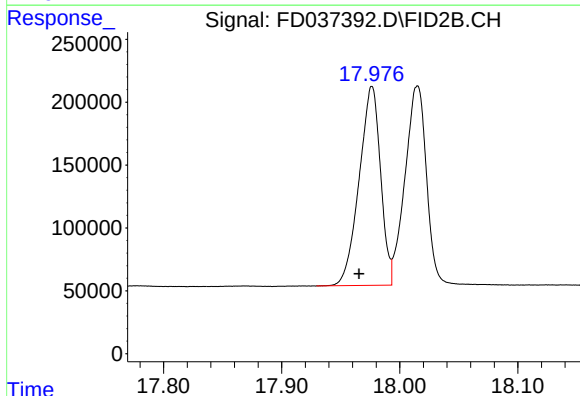
R.T.: 16.265 min
Delta R.T.: 0.007 min
Response: 2020277
Conc: 18.76 ug/ml

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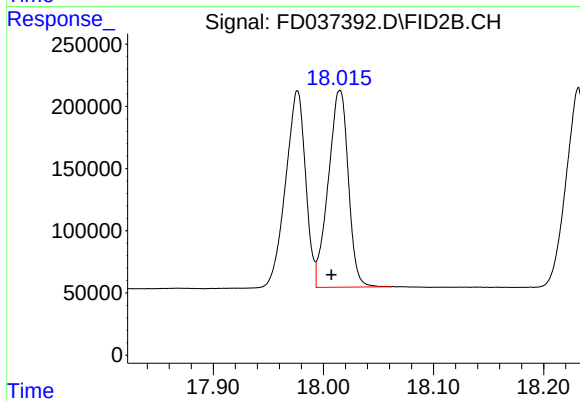
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.611 min
Delta R.T.: 0.007 min
Response: 1914646
Conc: 18.50 ug/ml



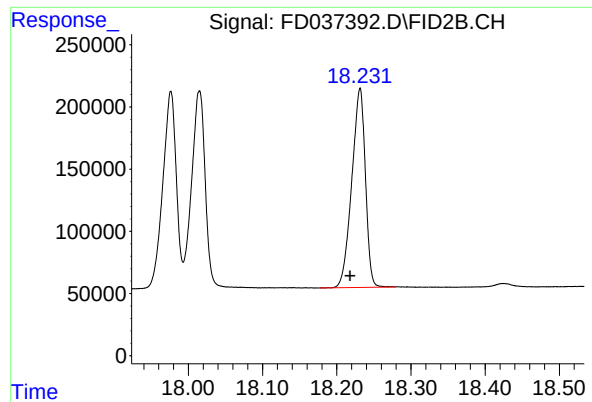
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.976 min
Delta R.T.: 0.011 min
Response: 1994043
Conc: 18.75 ug/ml



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

R.T.: 18.015 min
Delta R.T.: 0.008 min
Response: 1998548
Conc: 19.13 ug/ml



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

R.T.: 18.231 min
Delta R.T.: 0.013 min
Response: 2038890
Conc: 19.09 ug/ml

Instrument :
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