

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061422AR\
 Data File : FD042910.D
 Signal(s) : FID2B.CH
 Acq On : 15 Jun 2022 2:44
 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

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/15/2022
 Supervised By :Ankita Jodhani 06/15/2022

Integration File: sample.E
 Quant Time: Jun 15 04:12:57 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 01 10:34:31 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...	7.658	2999981	19.632 ug/ml
Spiked Amount 50.000		Recovery =	39.26%
6) S 2-Fluorobiphenyl (SURR)	8.523	1967464	19.130 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	38.26%
11) S ortho-Terphenyl (SURR)	11.572	3259161	18.359 ug/ml
Spiked Amount 50.000		Recovery =	36.72%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.450	3399183	20.302 ug/ml
2) T Naphthalene (C11.7)	5.993	3468240	20.060 ug/ml
3) T 2-Methylnaphthalene (...)	7.047	3156622	19.795 ug/ml
5) T Acenaphthylene (C15.06)	8.326	3282019	18.996 ug/ml
7) T Acenaphthene (C15.5)	8.622	3288217	19.110 ug/ml
8) T Flouorene (C16.55)	9.405	3177977	18.930 ug/ml
9) T Phenanthrene (C19.36)	10.804	2980000	18.122 ug/ml
10) T Anthracene (C19.43)	10.878	2836469	18.558 ug/ml
12) T Fluoranthene (C21.85)	12.619	2729857	17.327 ug/ml
13) T Pyrene (C20.8)	12.917	2675430	17.185 ug/ml
14) T Benzo[a]anthracene (C...	14.791	2550665	19.130 ug/ml
15) T Chrysene (C27.41)	14.834	2521073	19.082 ug/ml
16) T benzo[b]fluoranthene ...	16.343	2713136	20.366 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.377	2539603	20.504 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.723	2583137	20.870 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.089	2439666	21.888 ug/ml
20) T Dibenz[a,h]anthracene...	18.130	2586459	23.252 ug/ml
21) T Benzo[g,h,i]perylene ...	18.345	2577157	21.683 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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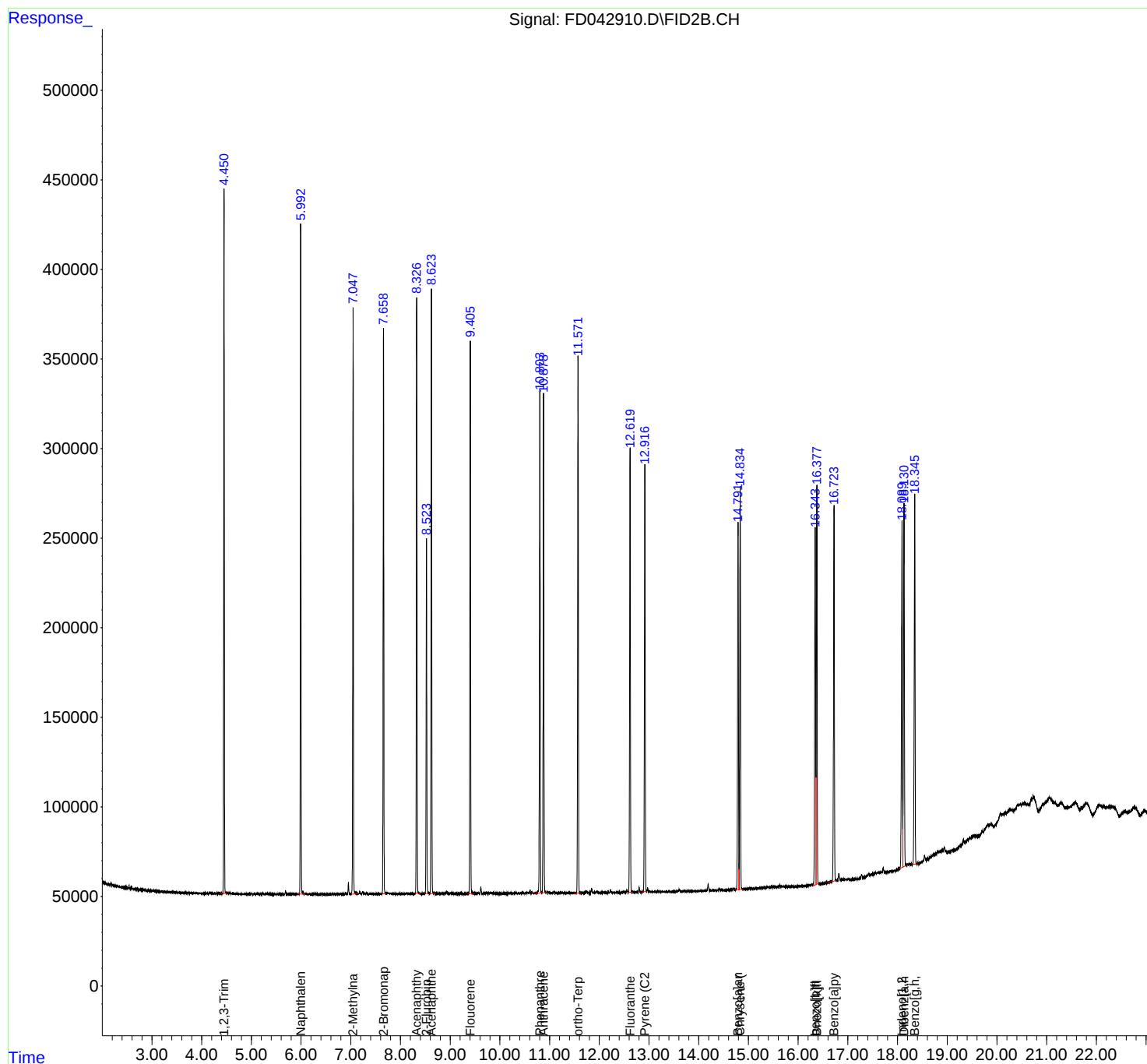
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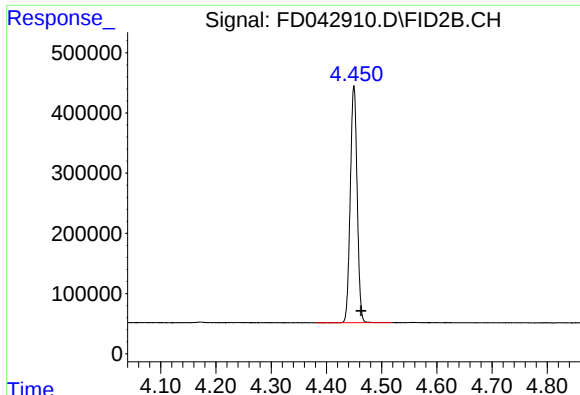
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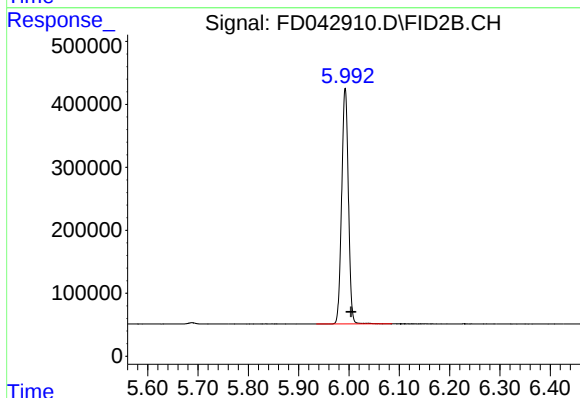
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.450 min
Delta R.T.: -0.013 min
Response: 3399183
Conc: 20.30 ug/ml

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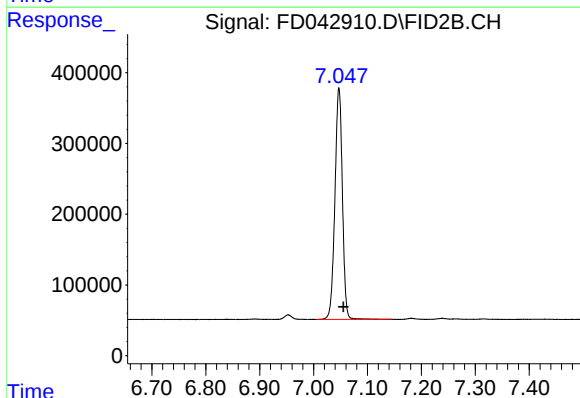
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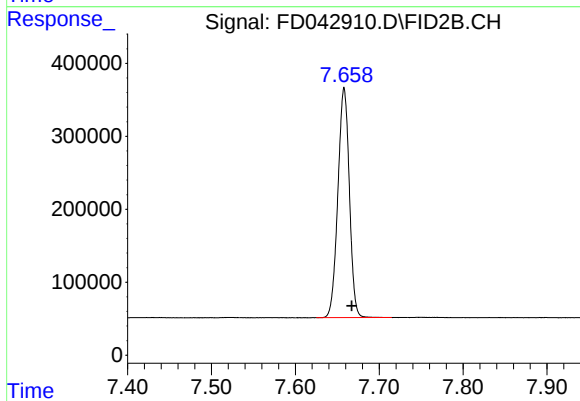
#2 Naphthalene (C11.7)

R.T.: 5.993 min
Delta R.T.: -0.011 min
Response: 3468240
Conc: 20.06 ug/ml



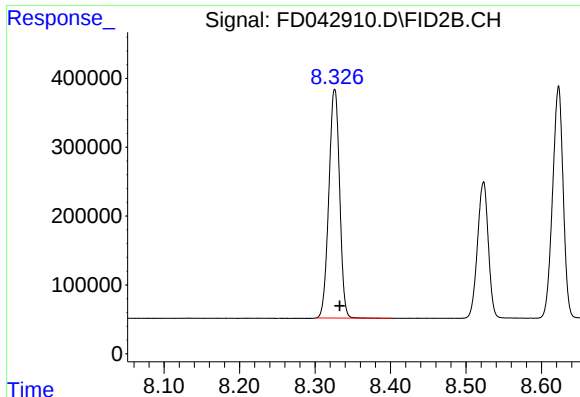
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.047 min
Delta R.T.: -0.008 min
Response: 3156622
Conc: 19.79 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.658 min
Delta R.T.: -0.009 min
Response: 2999981
Conc: 19.63 ug/ml



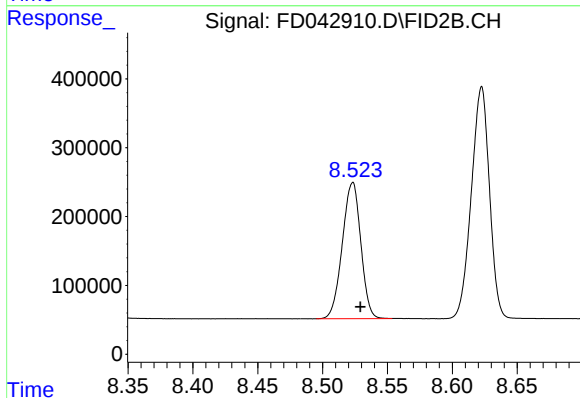
#5 Acenaphthylene (C15.06)

R.T.: 8.326 min
Delta R.T.: -0.007 min
Response: 3282019
Conc: 19.00 ug/ml

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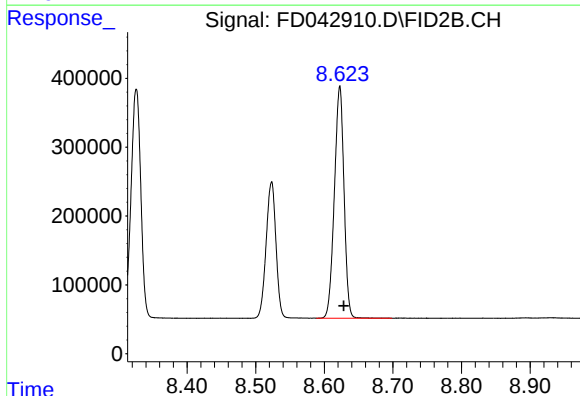
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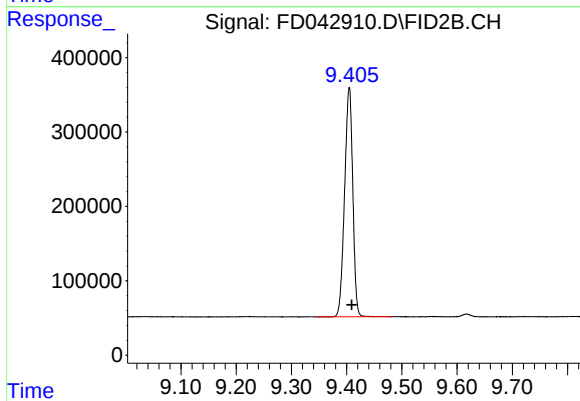
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.523 min
Delta R.T.: -0.006 min
Response: 1967464
Conc: 19.13 ug/ml m



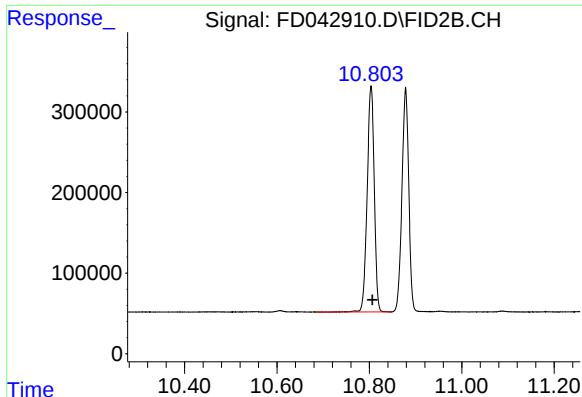
#7 Acenaphthene (C15.5)

R.T.: 8.622 min
Delta R.T.: -0.006 min
Response: 3288217
Conc: 19.11 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.405 min
Delta R.T.: -0.005 min
Response: 3177977
Conc: 18.93 ug/ml



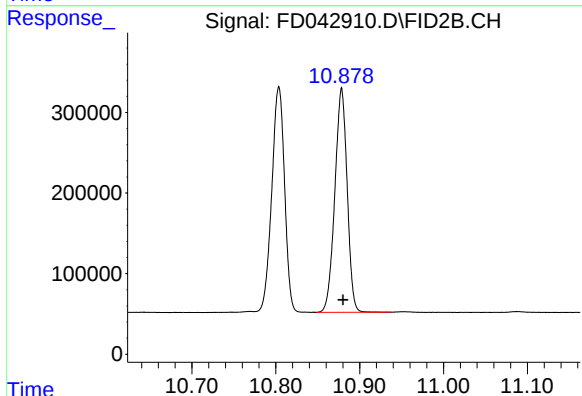
#9 Phenanthrene (C19.36)

R.T.: 10.804 min
Delta R.T.: -0.003 min
Response: 2980000
Conc: 18.12 ug/ml

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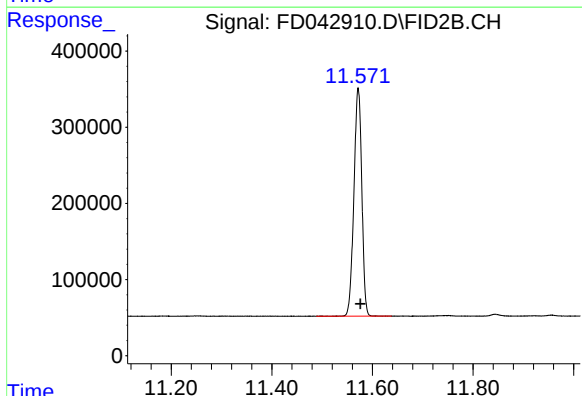
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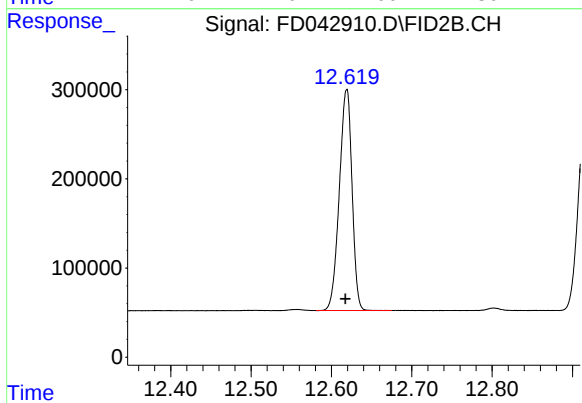
#10 Anthracene (C19.43)

R.T.: 10.878 min
Delta R.T.: -0.002 min
Response: 2836469
Conc: 18.56 ug/ml



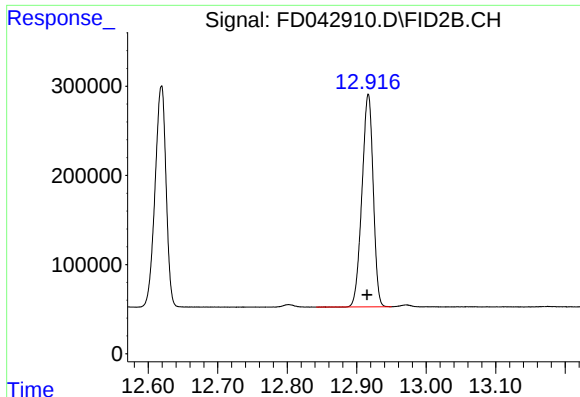
#11 ortho-Terphenyl (SURR)

R.T.: 11.572 min
Delta R.T.: -0.005 min
Response: 3259161
Conc: 18.36 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.619 min
Delta R.T.: 0.001 min
Response: 2729857
Conc: 17.33 ug/ml



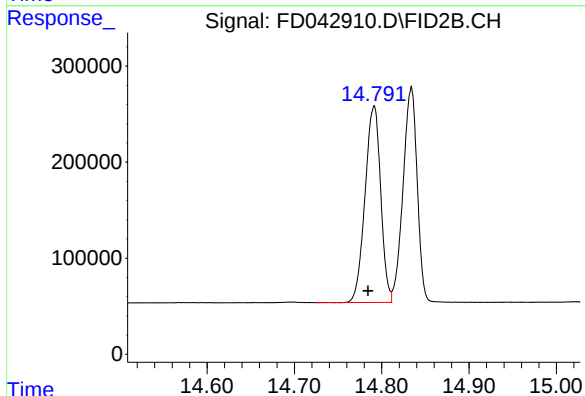
#13 Pyrene (C20.8)

R.T.: 12.917 min
Delta R.T.: 0.002 min
Response: 2675430
Conc: 17.18 ug/ml

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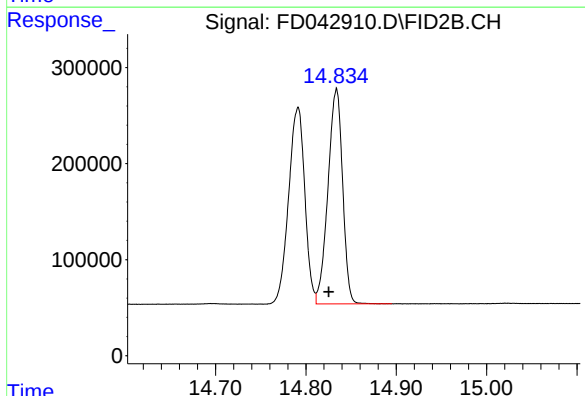
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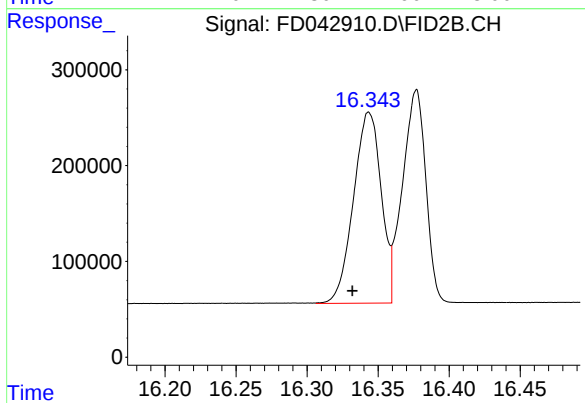
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.791 min
Delta R.T.: 0.007 min
Response: 2550665
Conc: 19.13 ug/ml



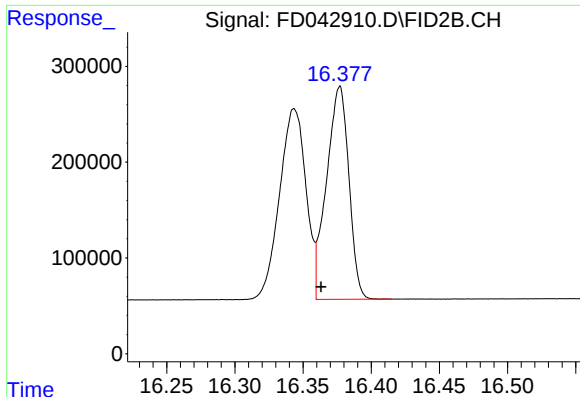
#15 Chrysene (C27.41)

R.T.: 14.834 min
Delta R.T.: 0.008 min
Response: 2521073
Conc: 19.08 ug/ml



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

R.T.: 16.343 min
Delta R.T.: 0.011 min
Response: 2713136
Conc: 20.37 ug/ml m



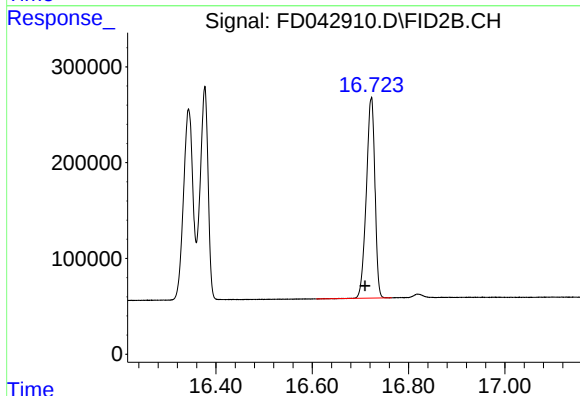
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.377 min
Delta R.T.: 0.013 min
Response: 2539603
Conc: 20.50 ug/ml

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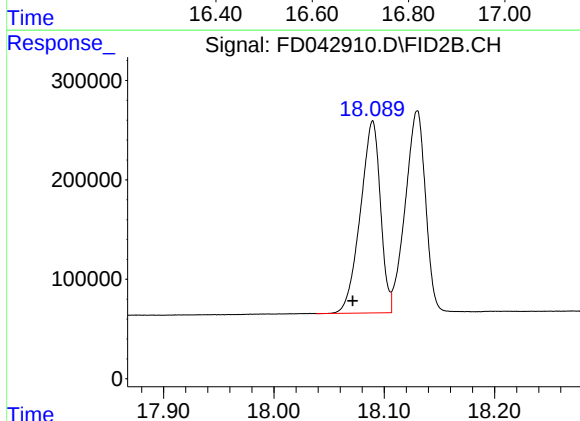
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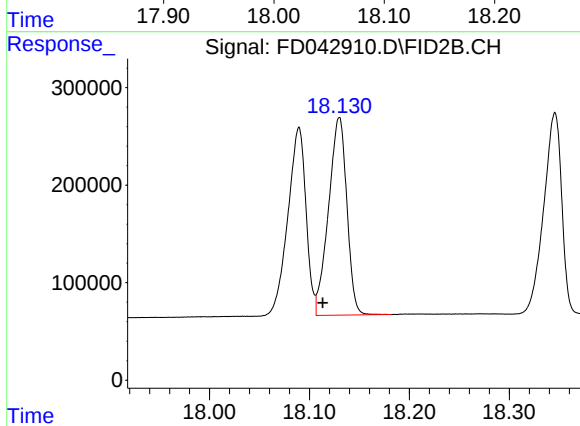
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.723 min
Delta R.T.: 0.013 min
Response: 2583137
Conc: 20.87 ug/ml



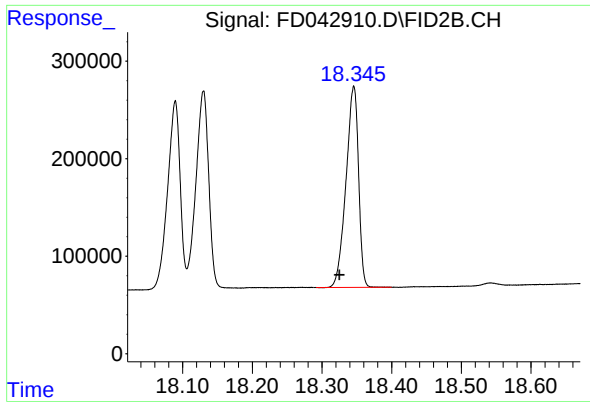
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.089 min
Delta R.T.: 0.018 min
Response: 2439666
Conc: 21.89 ug/ml



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

R.T.: 18.130 min
Delta R.T.: 0.016 min
Response: 2586459
Conc: 23.25 ug/ml



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

R.T.: 18.345 min
Delta R.T.: 0.020 min
Response: 2577157
Conc: 21.68 ug/ml

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