

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092022AR\
 Data File : FD043923.D
 Signal(s) : FID2B.ch
 Acq On : 21 Sep 2022 05:10
 Operator : YP/AJ
 Sample : PB147763BSD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB147763BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/21/2022
 Supervised By :Ankita Jodhani 09/22/2022

Integration File: autoint1.e
 Quant Time: Sep 21 07:11:41 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091522.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 14 19:37:45 2022
 Response via : Initial Calibration
 Integrator: ChemStation

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...	7.427	6622238	50.329 ug/ml
Spiked Amount 50.000		Recovery =	100.66%
6) S 2-Fluorobiphenyl (SURR)	8.281	4305696	59.687 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	119.37%
11) S ortho-Terphenyl (SURR)	11.316	6003472	32.226 ug/ml
Spiked Amount 50.000		Recovery =	64.45%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.237	5228911	34.793 ug/ml
2) T Naphthalene (C11.7)	5.766	5743053	40.331 ug/mlm
3) T 2-Methylnaphthalene (...)	6.814	5925617	40.506 ug/ml
5) T Acenaphthylene (C15.06)	8.084	5872271	38.056 ug/mlm
7) T Acenaphthene (C15.5)	8.377	6402497	36.585 ug/ml
8) T Flouorene (C16.55)	9.157	6221917	42.331 ug/ml
9) T Phenanthrene (C19.36)	10.549	6249946	43.189 ug/ml
10) T Anthracene (C19.43)	10.625	6368147	43.392 ug/ml
12) T Fluoranthene (C21.85)	12.355	6110085	39.837 ug/ml
13) T Pyrene (C20.8)	12.651	6063334	40.760 ug/ml
14) T Benzo[a]anthracene (C...	14.520	5639365	50.446 ug/ml
15) T Chrysene (C27.41)	14.563	6460506	41.338 ug/ml
16) T benzo[b]fluoranthene ...	16.069	5669105	48.613 ug/ml
17) T Bnezo[k]fluoranthene ...	16.101	5654040	38.083 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.446	5040728	41.615 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.812	5591348	58.807 ug/ml
20) T Dibenz[a,h]anthracene...	17.848	5695032	47.407 ug/ml
21) T Benzo[g,h,i]perylene ...	18.067	5689220	49.924 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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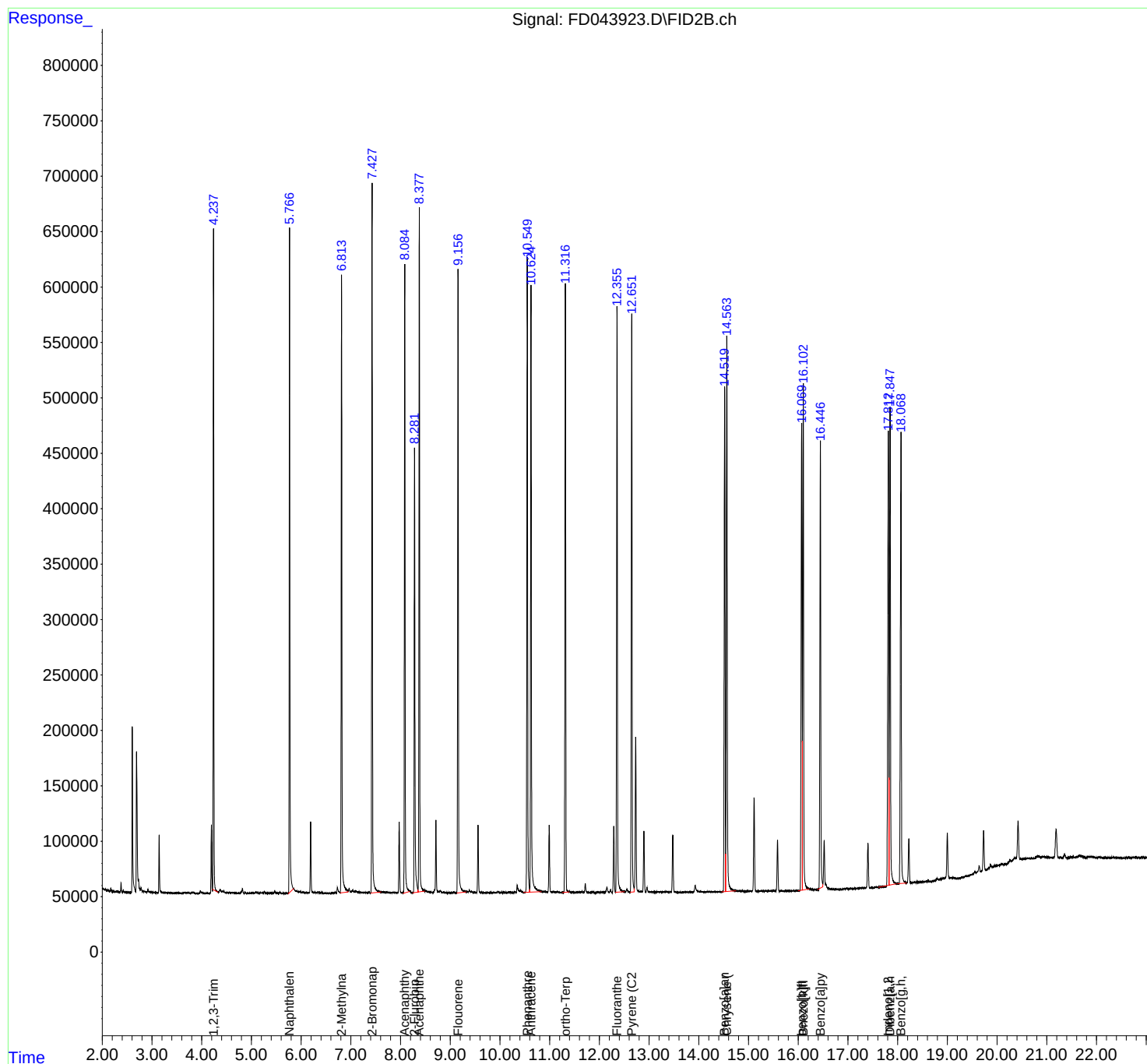
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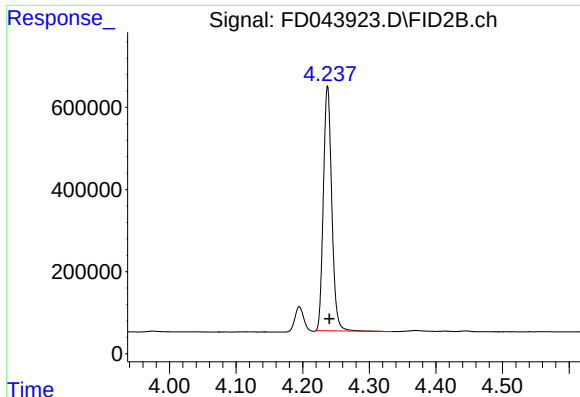
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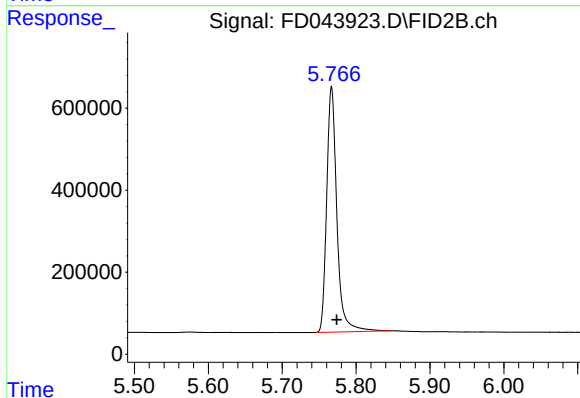
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.237 min
Delta R.T.: -0.003 min
Response: 5228911
Conc: 34.79 ug/ml

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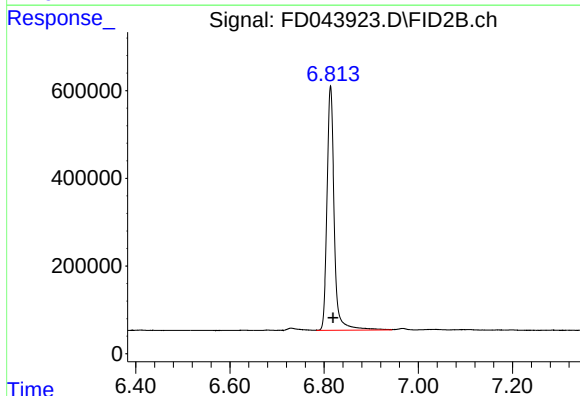
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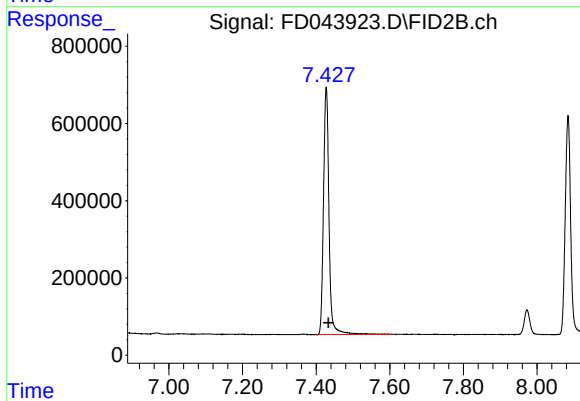
#2 Naphthalene (C11.7)

R.T.: 5.766 min
Delta R.T.: -0.007 min
Response: 5743053
Conc: 40.33 ug/ml m



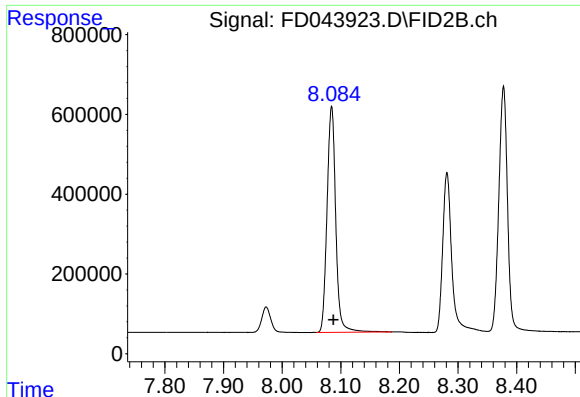
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.814 min
Delta R.T.: -0.006 min
Response: 5925617
Conc: 40.51 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.427 min
Delta R.T.: -0.005 min
Response: 6622238
Conc: 50.33 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.084 min
Delta R.T.: -0.004 min
Response: 5872271
Conc: 38.06 ug/ml

Instrument :

FID_D

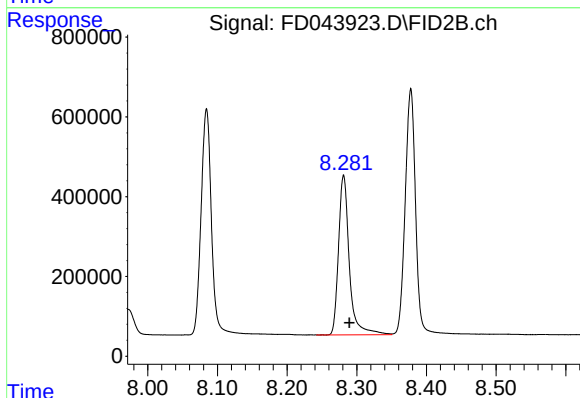
ClientSampleId :

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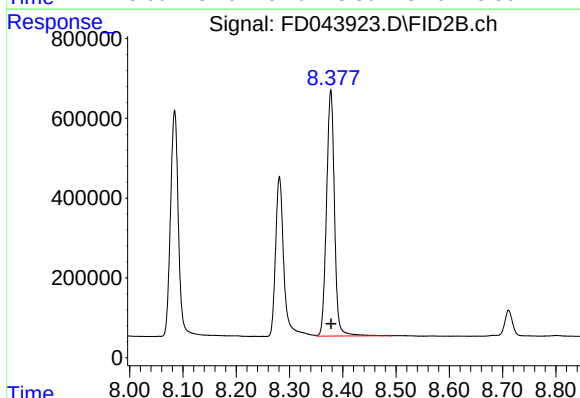
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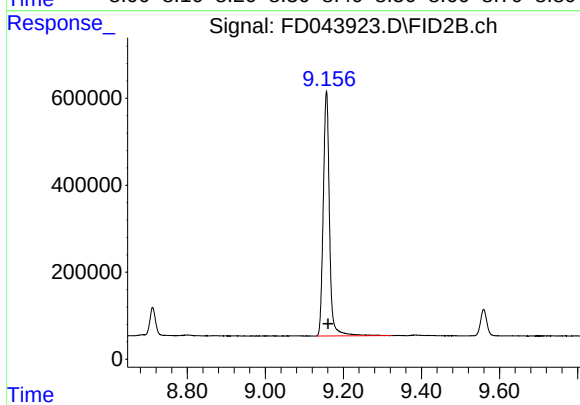
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.281 min
Delta R.T.: -0.008 min
Response: 4305696
Conc: 59.69 ug/ml



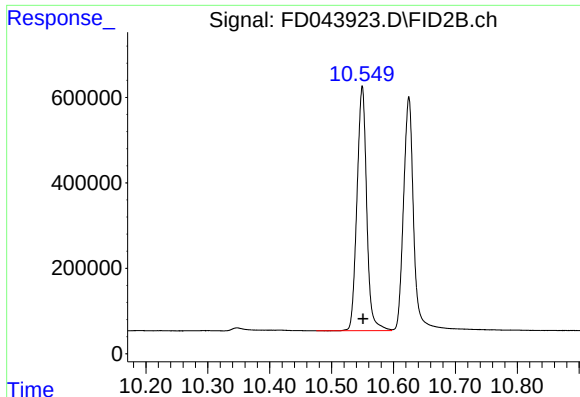
#7 Acenaphthene (C15.5)

R.T.: 8.377 min
Delta R.T.: 0.000 min
Response: 6402497
Conc: 36.58 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.157 min
Delta R.T.: -0.004 min
Response: 6221917
Conc: 42.33 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.549 min
Delta R.T.: -0.002 min
Response: 6249946
Conc: 43.19 ug/ml

Instrument :

FID_D

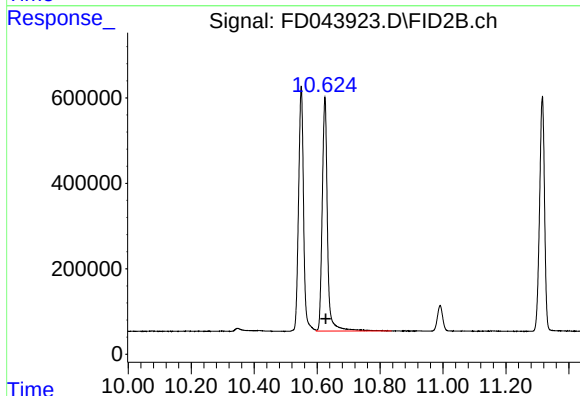
ClientSampleId :

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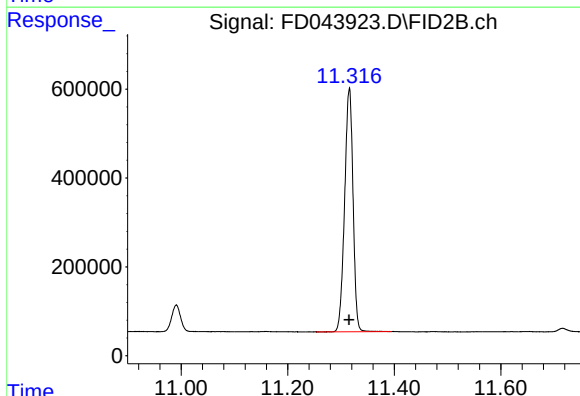
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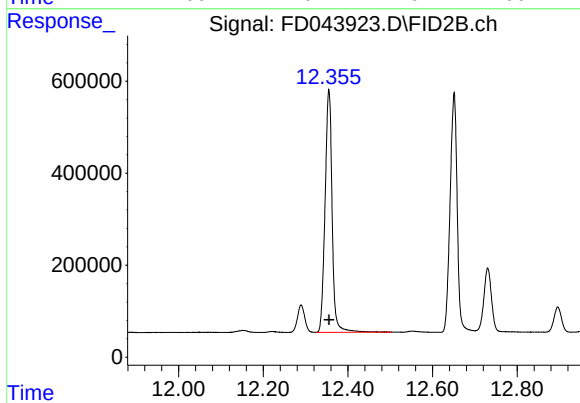
#10 Anthracene (C19.43)

R.T.: 10.625 min
Delta R.T.: -0.003 min
Response: 6368147
Conc: 43.39 ug/ml



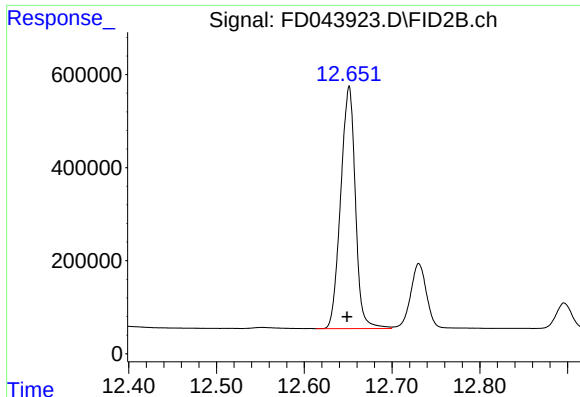
#11 ortho-Terphenyl (SURR)

R.T.: 11.316 min
Delta R.T.: 0.000 min
Response: 6003472
Conc: 32.23 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.355 min
Delta R.T.: 0.000 min
Response: 6110085
Conc: 39.84 ug/ml



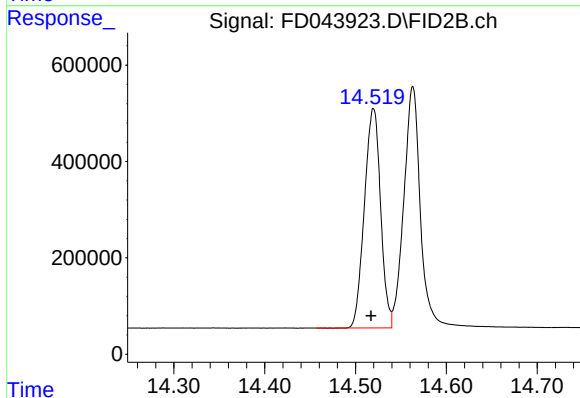
#13 Pyrene (C20.8)

R.T.: 12.651 min
Delta R.T.: 0.002 min
Response: 6063334
Conc: 40.76 ug/ml

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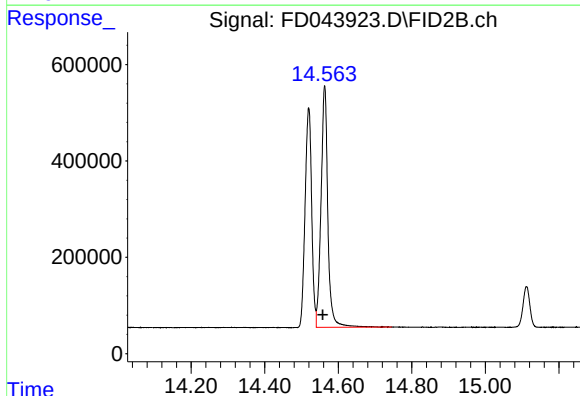
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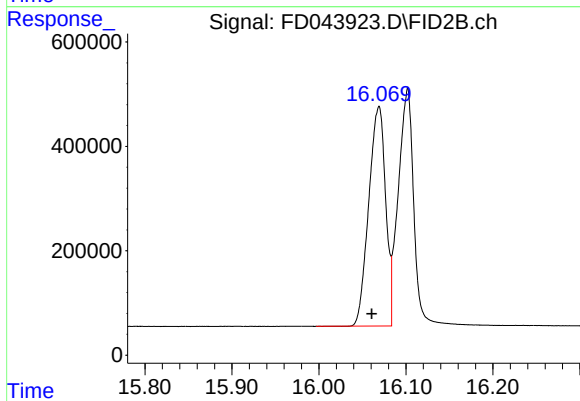
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.520 min
Delta R.T.: 0.002 min
Response: 5639365
Conc: 50.45 ug/ml



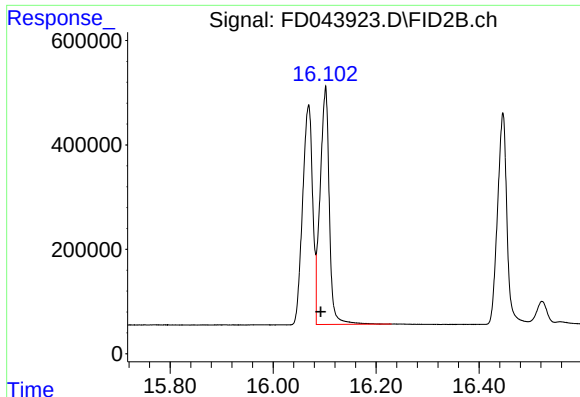
#15 Chrysene (C27.41)

R.T.: 14.563 min
Delta R.T.: 0.005 min
Response: 6460506
Conc: 41.34 ug/ml



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

R.T.: 16.069 min
Delta R.T.: 0.008 min
Response: 5669105
Conc: 48.61 ug/ml



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

R.T.: 16.101 min
Delta R.T.: 0.009 min
Response: 5654040
Conc: 38.08 ug/ml

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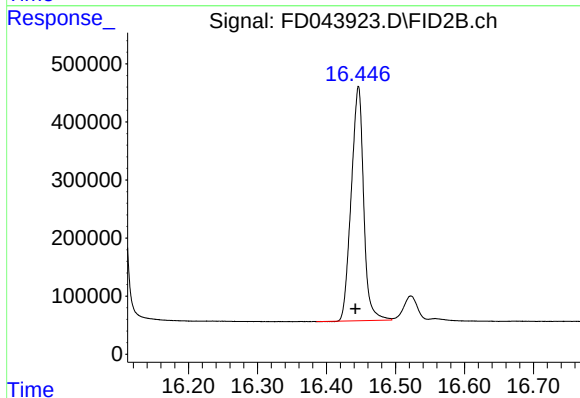
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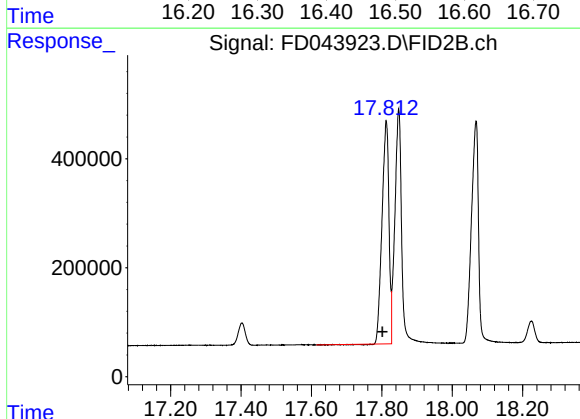
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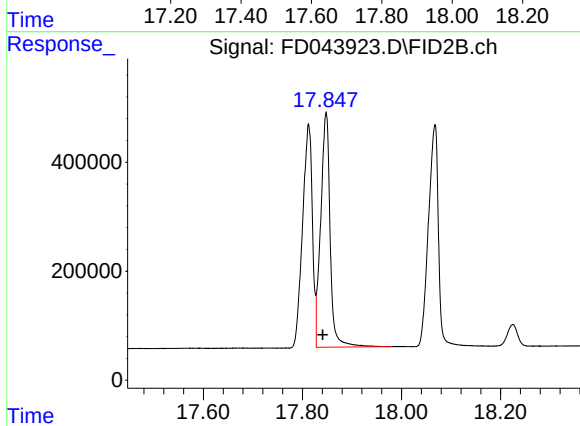
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.446 min
Delta R.T.: 0.004 min
Response: 5040728
Conc: 41.61 ug/ml



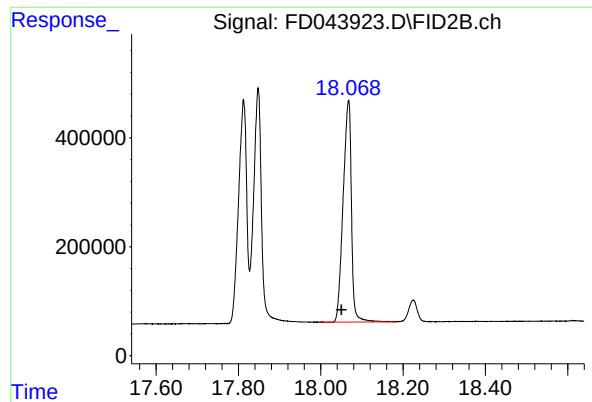
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.812 min
Delta R.T.: 0.011 min
Response: 5591348
Conc: 58.81 ug/ml



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

R.T.: 17.848 min
Delta R.T.: 0.007 min
Response: 5695032
Conc: 47.41 ug/ml



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

R.T.: 18.067 min
Delta R.T.: 0.017 min
Response: 5689220
Conc: 49.92 ug/ml

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