

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092022AR\
 Data File : FD043922.D
 Signal(s) : FID2B.ch
 Acq On : 21 Sep 2022 04:24
 Operator : YP/AJ
 Sample : PB147763BS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB147763BS

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 07:11:32 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	6629371	50.383 ug/ml
Spiked Amount 50.000		Recovery =	100.77%
6) S 2-Fluorobiphenyl (SURR)	8.281	4309434	59.738 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	119.48%
11) S ortho-Terphenyl (SURR)	11.316	5992355	32.166 ug/ml
Spiked Amount 50.000		Recovery =	64.33%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.238	5262984	35.020 ug/ml
2) T Naphthalene (C11.7)	5.767	5751535	40.391 ug/mlm
3) T 2-Methylnaphthalene (...)	6.813	5943002	40.624 ug/ml
5) T Acenaphthylene (C15.06)	8.084	5858971	37.970 ug/mlm
7) T Acenaphthene (C15.5)	8.378	6433047	36.759 ug/ml
8) T Flouorene (C16.55)	9.157	6223176	42.339 ug/ml
9) T Phenanthrene (C19.36)	10.550	6247630	43.173 ug/ml
10) T Anthracene (C19.43)	10.625	6351625	43.280 ug/ml
12) T Fluoranthene (C21.85)	12.355	6119466	39.898 ug/ml
13) T Pyrene (C20.8)	12.650	6051860	40.683 ug/ml
14) T Benzo[a]anthracene (C...	14.520	5626711	50.333 ug/ml
15) T Chrysene (C27.41)	14.563	6420018	41.079 ug/ml
16) T benzo[b]fluoranthene ...	16.068	5640903	48.371 ug/ml
17) T Bnezo[k]fluoranthene ...	16.101	5647662	38.040 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.446	5038131	41.594 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.812	5643873	59.360 ug/ml
20) T Dibenz[a,h]anthracene...	17.847	5717741	47.596 ug/ml
21) T Benzo[g,h,i]perylene ...	18.066	5695907	49.983 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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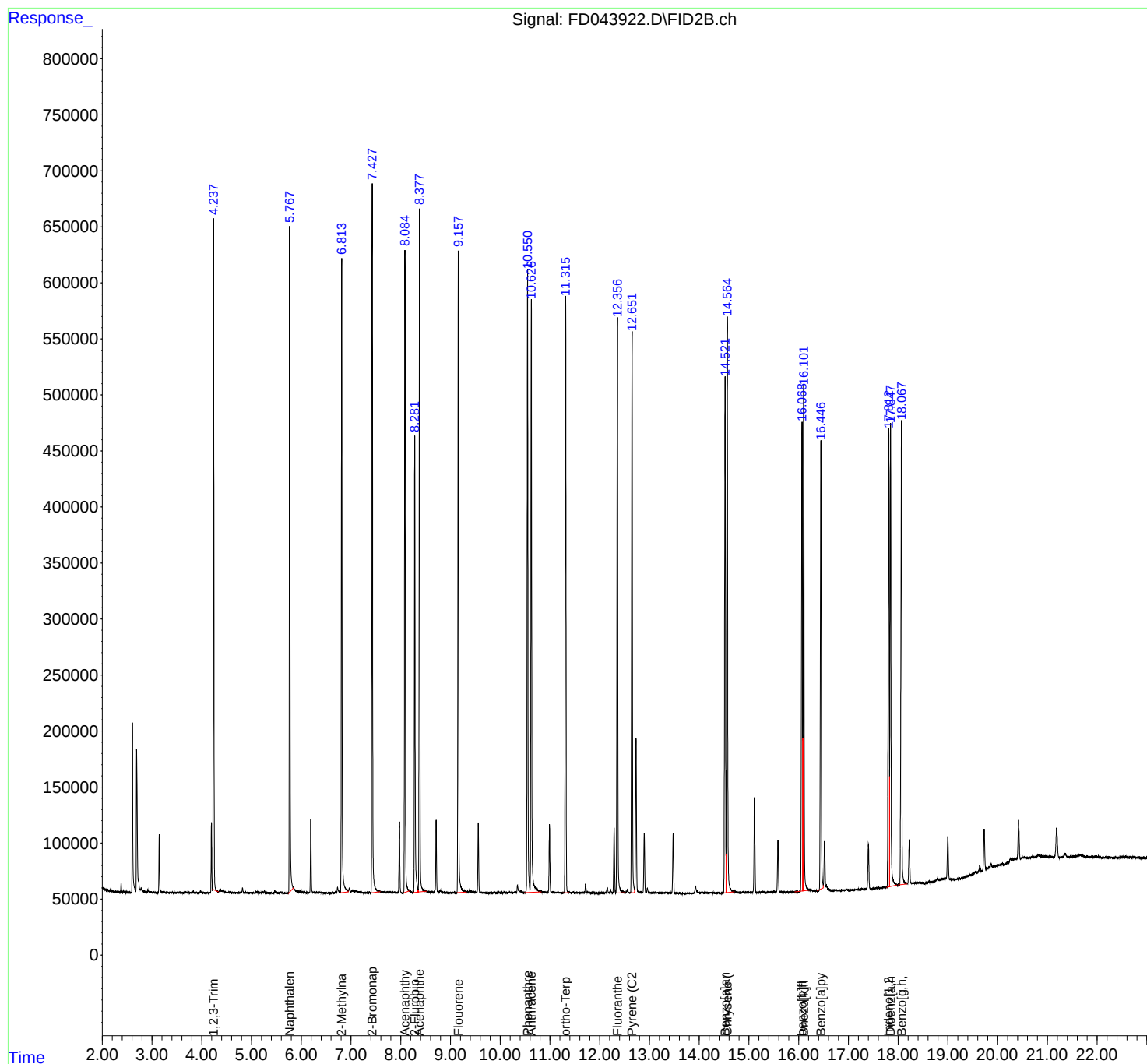
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PB147763BS

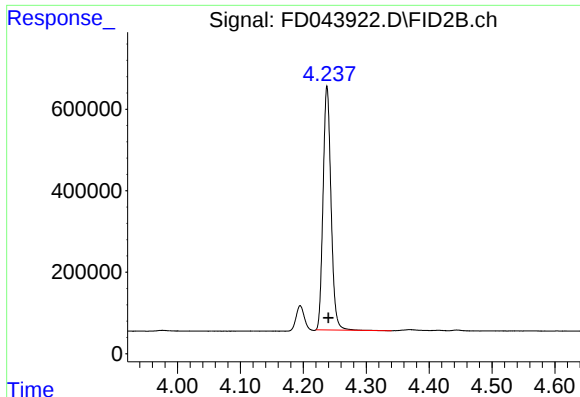
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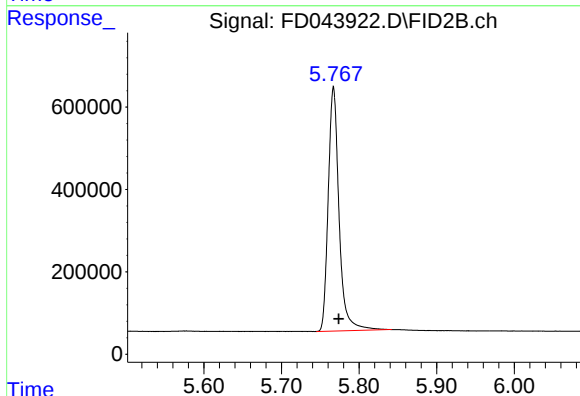
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.238 min
Delta R.T.: -0.002 min
Response: 5262984
Conc: 35.02 ug/ml

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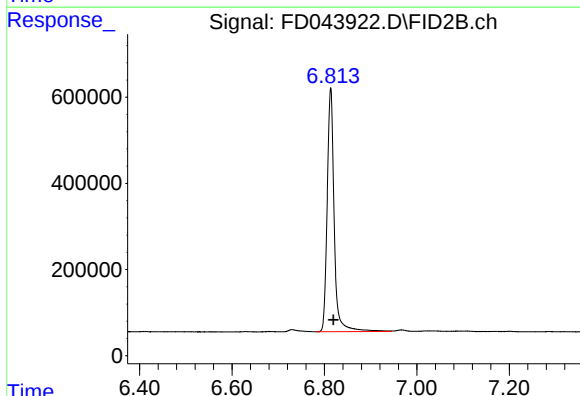
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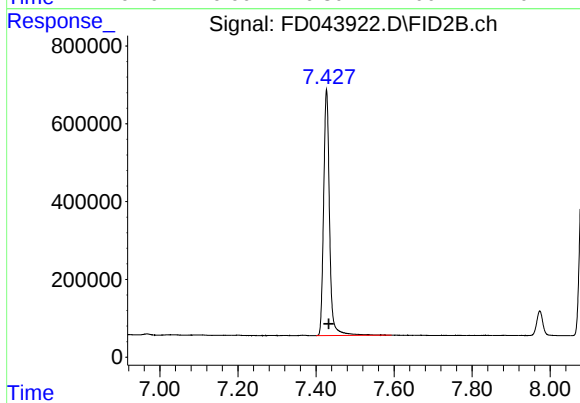
#2 Naphthalene (C11.7)

R.T.: 5.767 min
Delta R.T.: -0.007 min
Response: 5751535
Conc: 40.39 ug/ml m



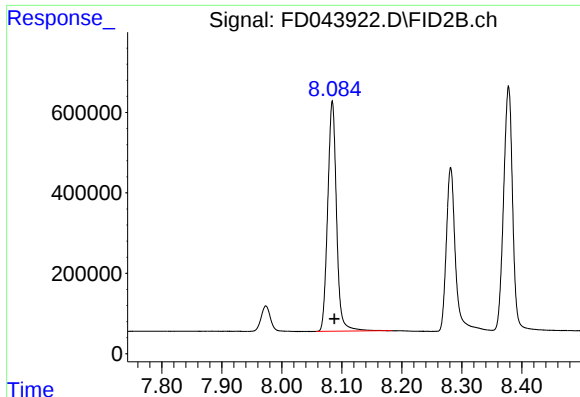
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.813 min
Delta R.T.: -0.006 min
Response: 5943002
Conc: 40.62 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.427 min
Delta R.T.: -0.006 min
Response: 6629371
Conc: 50.38 ug/ml



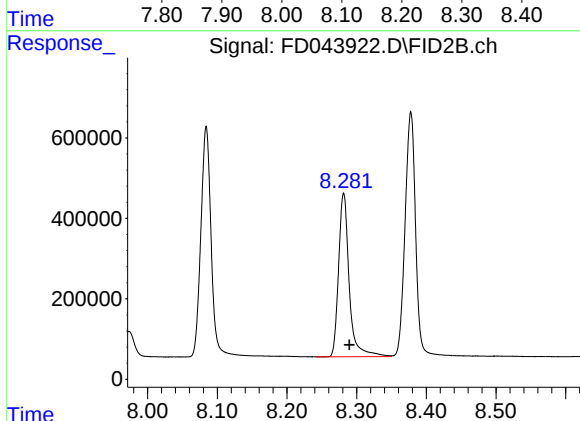
#5 Acenaphthylene (C15.06)

R.T.: 8.084 min
Delta R.T.: -0.004 min
Response: 5858971
Conc: 37.97 ug/ml

Instrument :
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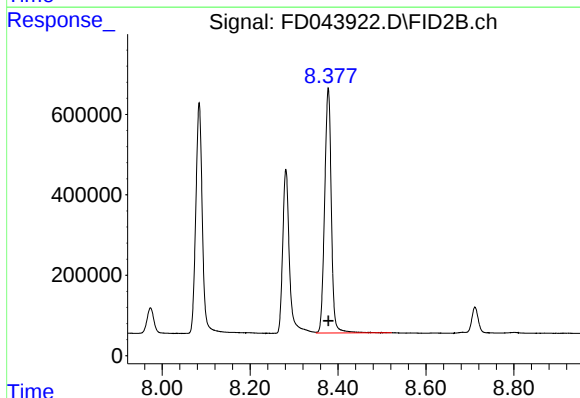
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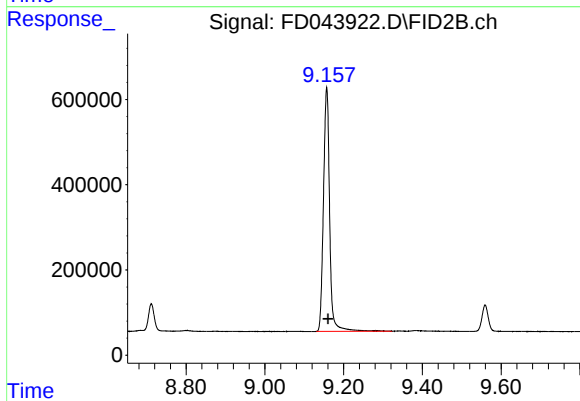
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.281 min
Delta R.T.: -0.008 min
Response: 4309434
Conc: 59.74 ug/ml



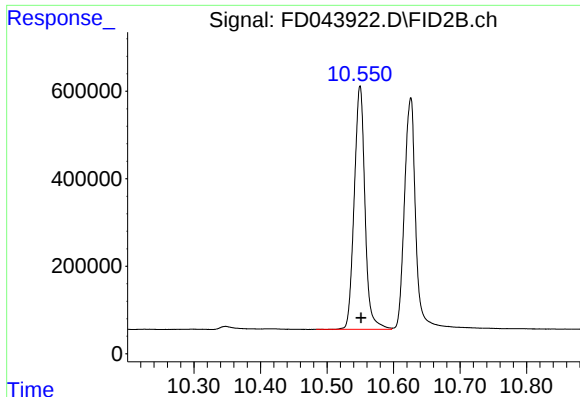
#7 Acenaphthene (C15.5)

R.T.: 8.378 min
Delta R.T.: 0.000 min
Response: 6433047
Conc: 36.76 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.157 min
Delta R.T.: -0.004 min
Response: 6223176
Conc: 42.34 ug/ml



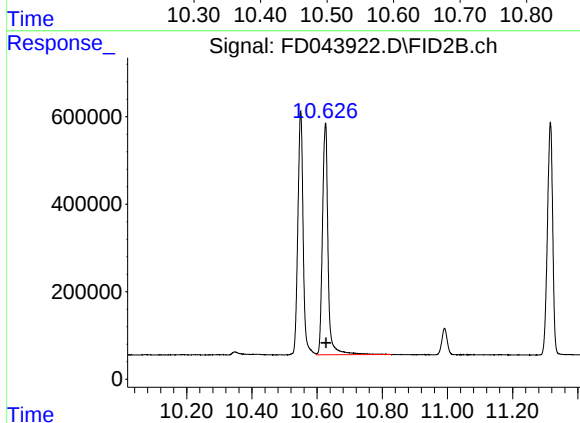
#9 Phenanthrene (C19.36)

R.T.: 10.550 min
Delta R.T.: -0.002 min
Response: 6247630
Conc: 43.17 ug/ml

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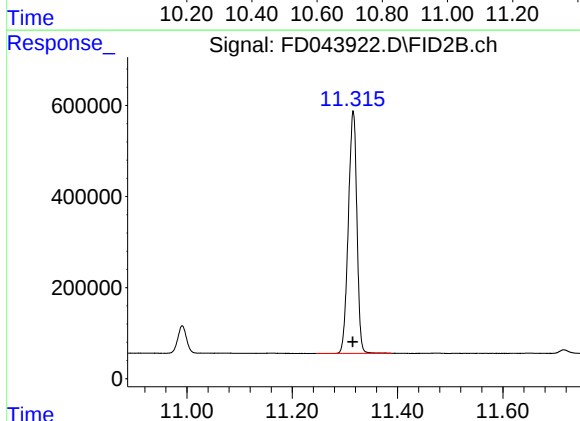
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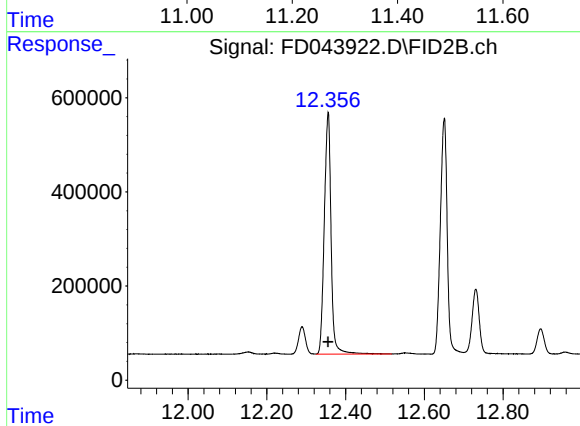
#10 Anthracene (C19.43)

R.T.: 10.625 min
Delta R.T.: -0.003 min
Response: 6351625
Conc: 43.28 ug/ml



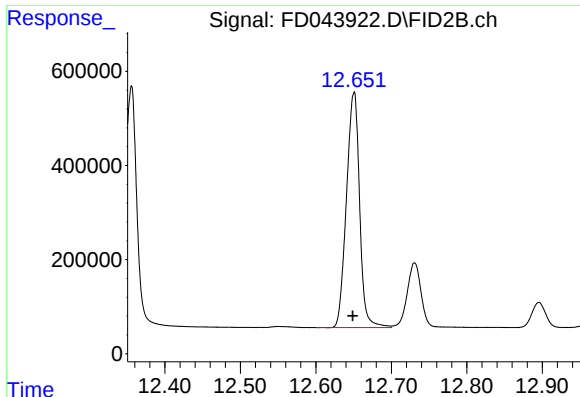
#11 ortho-Terphenyl (SURR)

R.T.: 11.316 min
Delta R.T.: 0.000 min
Response: 5992355
Conc: 32.17 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.355 min
Delta R.T.: 0.000 min
Response: 6119466
Conc: 39.90 ug/ml



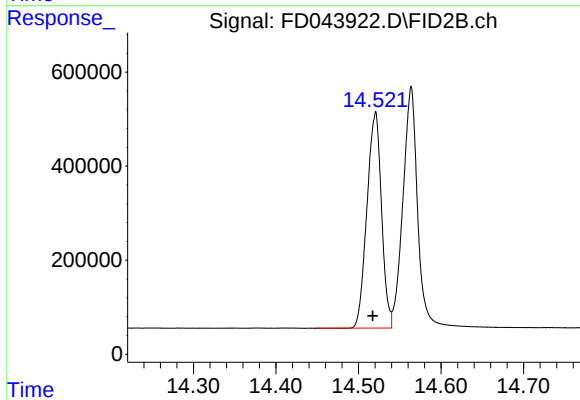
#13 Pyrene (C20.8)

R.T.: 12.650 min
Delta R.T.: 0.002 min
Response: 6051860
Conc: 40.68 ug/ml

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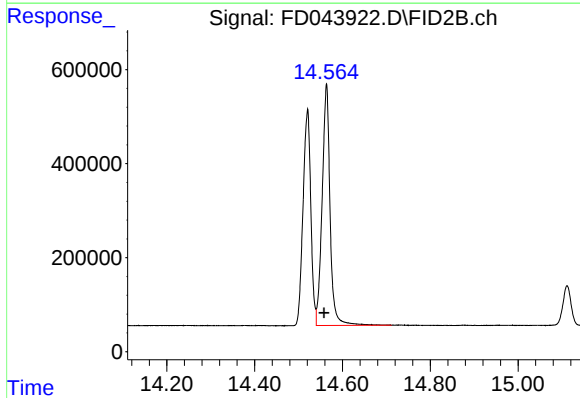
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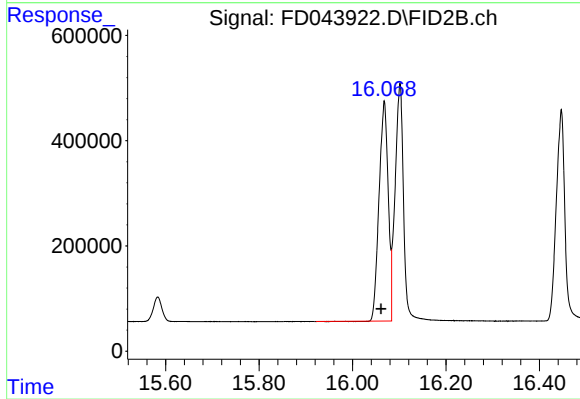
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.520 min
Delta R.T.: 0.003 min
Response: 5626711
Conc: 50.33 ug/ml



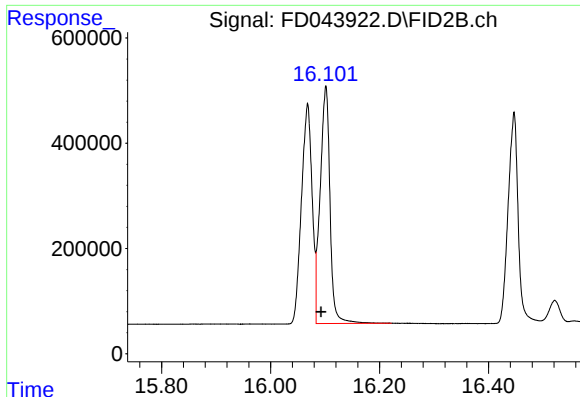
#15 Chrysene (C27.41)

R.T.: 14.563 min
Delta R.T.: 0.005 min
Response: 6420018
Conc: 41.08 ug/ml



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

R.T.: 16.068 min
Delta R.T.: 0.007 min
Response: 5640903
Conc: 48.37 ug/ml



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

R.T.: 16.101 min
Delta R.T.: 0.009 min
Response: 5647662
Conc: 38.04 ug/ml

Instrument :

FID_D

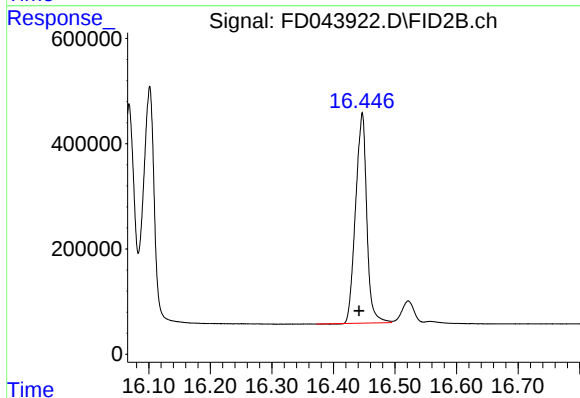
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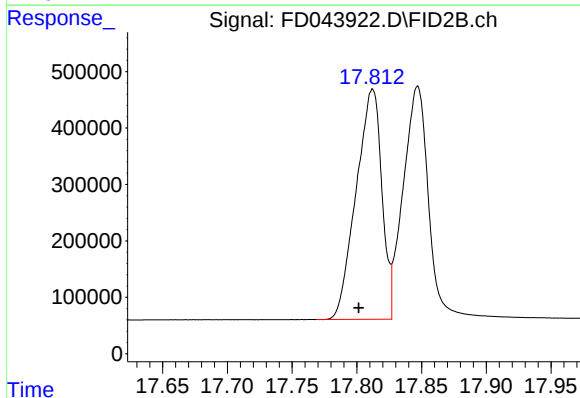
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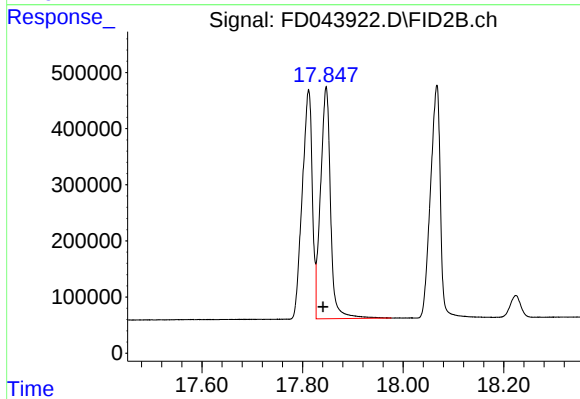
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.446 min
Delta R.T.: 0.005 min
Response: 5038131
Conc: 41.59 ug/ml



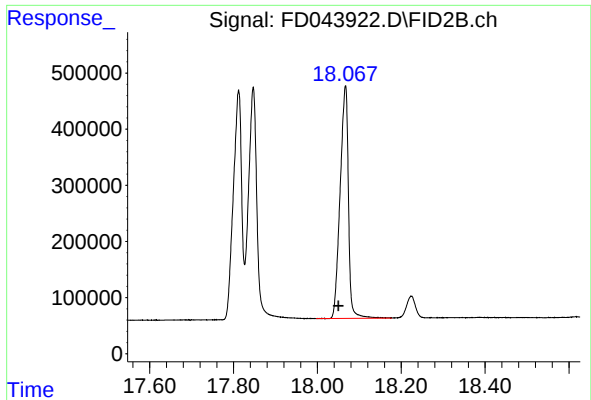
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.812 min
Delta R.T.: 0.010 min
Response: 5643873
Conc: 59.36 ug/ml



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

R.T.: 17.847 min
Delta R.T.: 0.006 min
Response: 5717741
Conc: 47.60 ug/ml



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

R.T.: 18.066 min
Delta R.T.: 0.016 min
Response: 5695907
Conc: 49.98 ug/ml

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