

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD091522AR\
 Data File : FD043883.D
 Signal(s) : FID2B.ch
 Acq On : 14 Sep 2022 23:52
 Operator : YP/AJ
 Sample : PB147580BS
 Misc :
 ALS Vial : 70 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB147580BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/15/2022
 Supervised By :Ankita Jodhani 09/15/2022

Integration File: autoint1.e
 Quant Time: Sep 15 04:19:35 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...	7.430	7576070	57.578 ug/ml
Spiked Amount 50.000		Recovery =	115.16%
6) S 2-Fluorobiphenyl (SURR)	8.283	5006498	69.401 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	138.80%#
11) S ortho-Terphenyl (SURR)	11.316	8018828	43.044 ug/ml
Spiked Amount 50.000		Recovery =	86.09%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.239	5189343	34.530 ug/mlm
2) T Naphthalene (C11.7)	5.769	5873104	41.245 ug/ml
3) T 2-Methylnaphthalene (...)	6.815	6073289	41.515 ug/ml
5) T Acenaphthylene (C15.06)	8.085	6305675	40.865 ug/ml
7) T Acenaphthene (C15.5)	8.378	7065547	40.373 ug/ml
8) T Flouorene (C16.55)	9.158	6916771	47.058 ug/ml
9) T Phenanthrene (C19.36)	10.550	7243857	50.058 ug/ml
10) T Anthracene (C19.43)	10.625	7249572	49.398 ug/ml
12) T Fluoranthene (C21.85)	12.354	7595782	49.524 ug/ml
13) T Pyrene (C20.8)	12.650	7518205	50.540 ug/ml
14) T Benzo[a]anthracene (C...	14.519	6939589	62.077 ug/ml
15) T Chrysene (C27.41)	14.561	8107611	51.878 ug/ml
16) T benzo[b]fluoranthene ...	16.064	6907202	59.229 ug/ml
17) T Bnezo[k]fluoranthene ...	16.098	7126357	48.000 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.441	5918781	48.864 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.805	6141680	64.595 ug/ml
20) T Dibenz[a,h]anthracene...	17.840	6400877	53.282 ug/ml
21) T Benzo[g,h,i]perylene ...	18.058	5967544	52.366 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : PB147580BS
Misc :
ALS Vial : 70 Sample Multiplier: 1

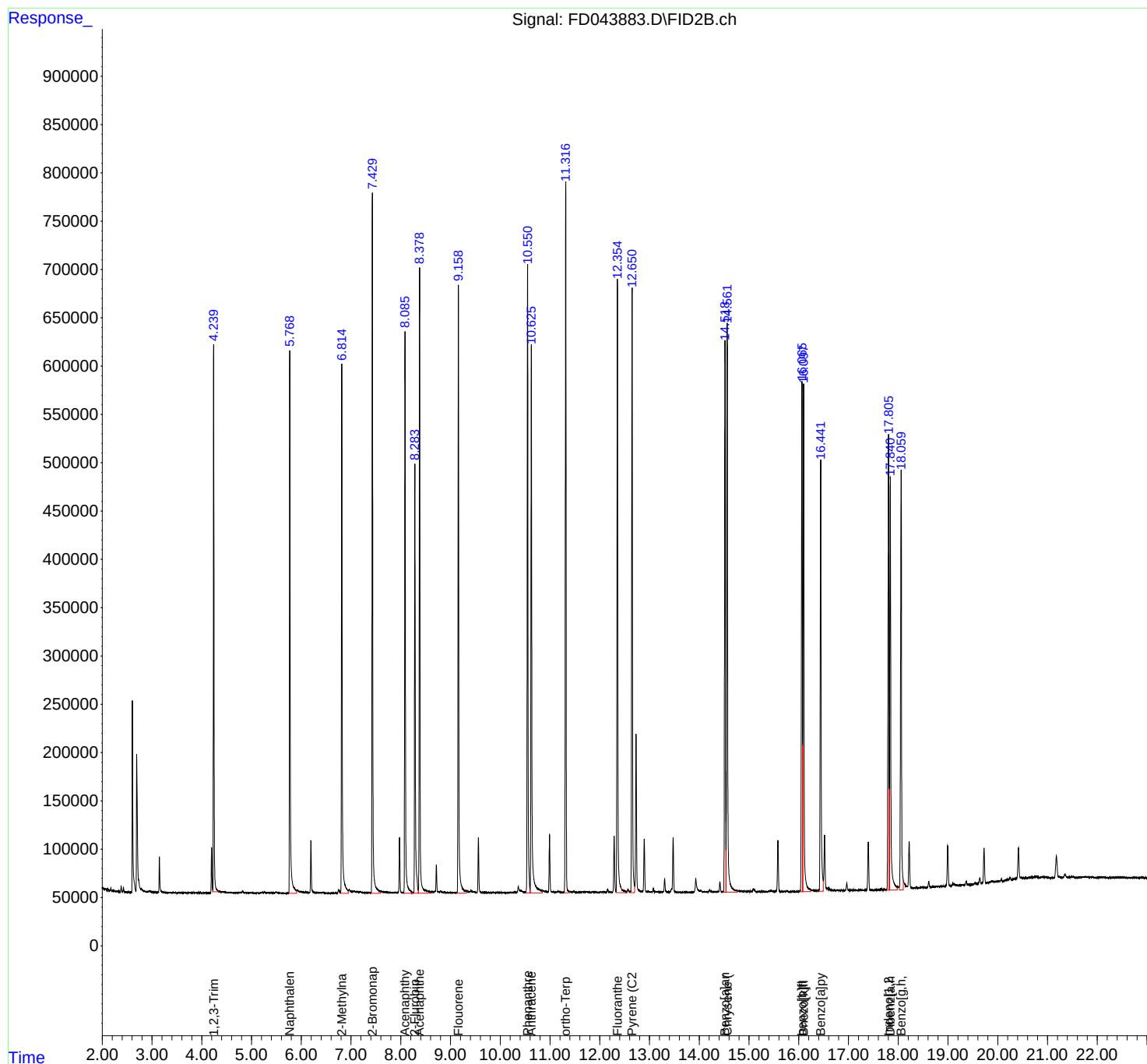
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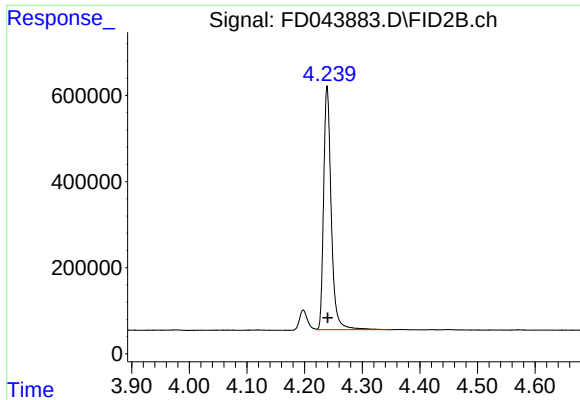
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.239 min
Delta R.T.: -0.001 min
Response: 5189343
Conc: 34.53 ug/ml

Instrument :

FID_D

ClientSampleId :

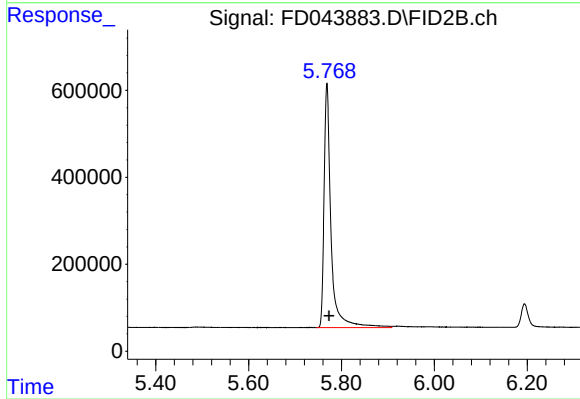
PB147580BS

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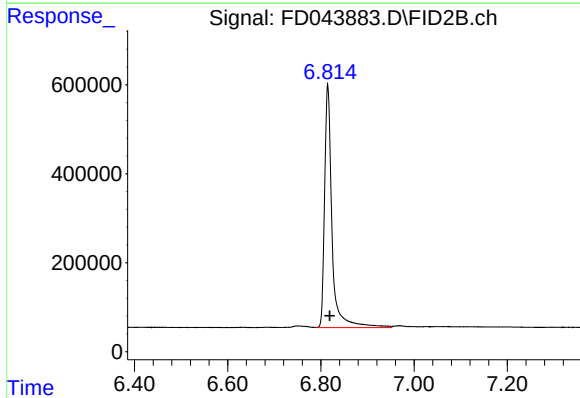
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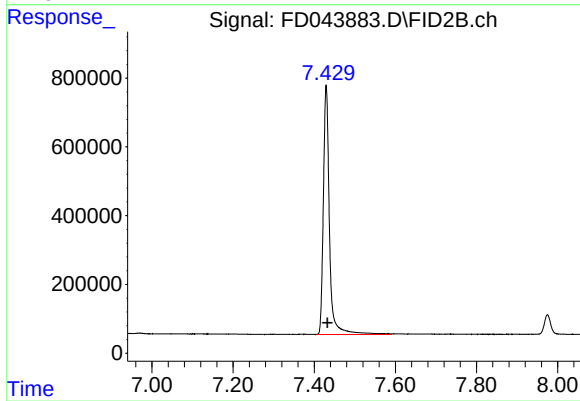
#2 Naphthalene (C11.7)

R.T.: 5.769 min
Delta R.T.: -0.005 min
Response: 5873104
Conc: 41.24 ug/ml



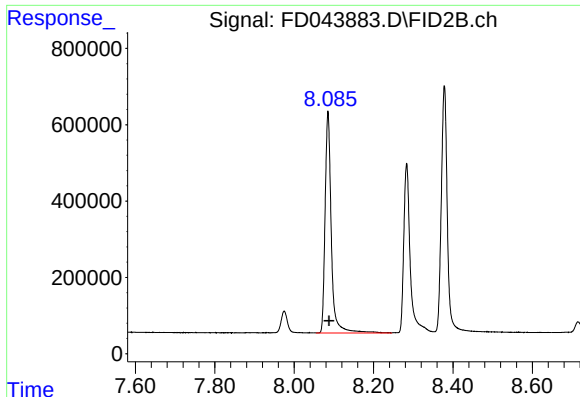
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.815 min
Delta R.T.: -0.004 min
Response: 6073289
Conc: 41.52 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.430 min
Delta R.T.: -0.003 min
Response: 7576070
Conc: 57.58 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.085 min
Delta R.T.: -0.002 min
Response: 6305675
Conc: 40.86 ug/ml

Instrument :

FID_D

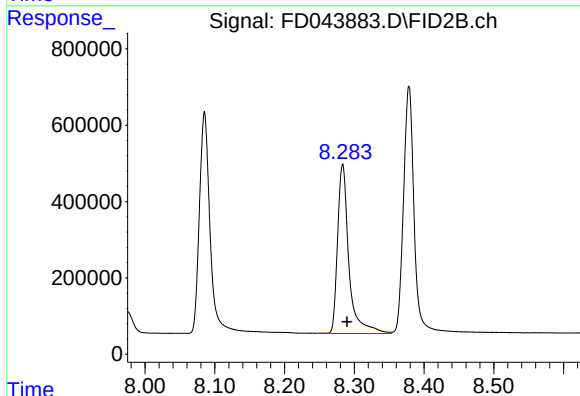
ClientSampleId :

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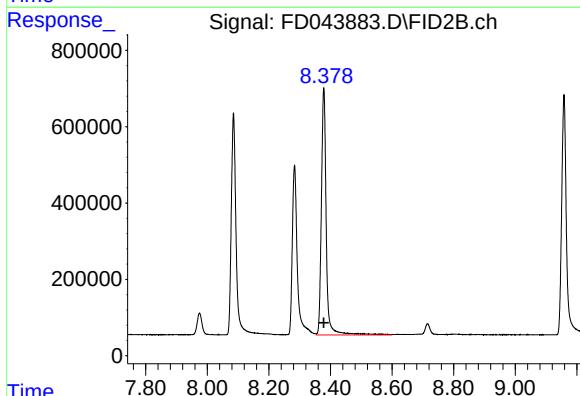
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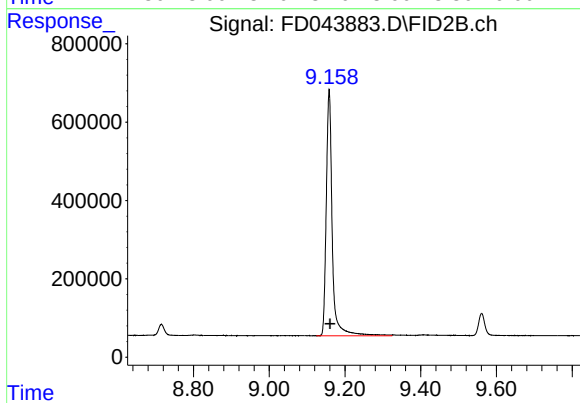
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.283 min
Delta R.T.: -0.006 min
Response: 5006498
Conc: 69.40 ug/ml



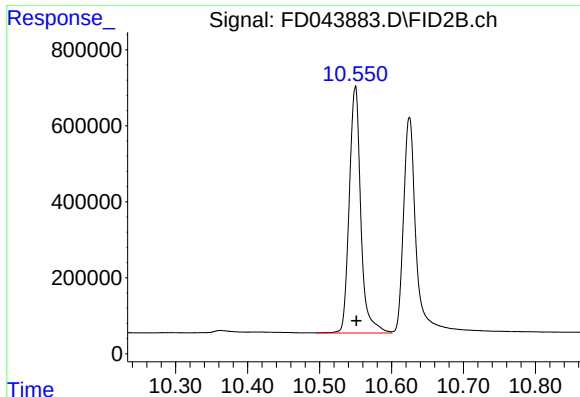
#7 Acenaphthene (C15.5)

R.T.: 8.378 min
Delta R.T.: 0.000 min
Response: 7065547
Conc: 40.37 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.158 min
Delta R.T.: -0.002 min
Response: 6916771
Conc: 47.06 ug/ml



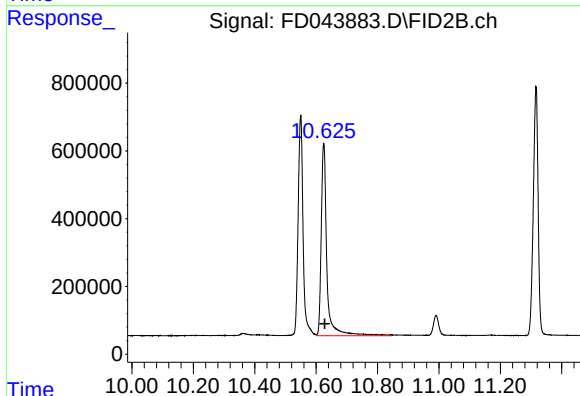
#9 Phenanthrene (C19.36)

R.T.: 10.550 min
Delta R.T.: -0.001 min
Response: 7243857
Conc: 50.06 ug/ml

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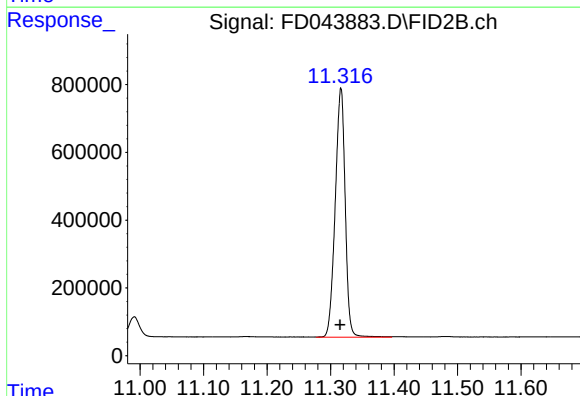
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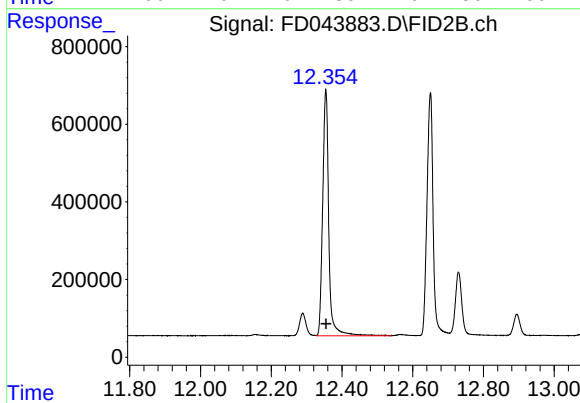
#10 Anthracene (C19.43)

R.T.: 10.625 min
Delta R.T.: -0.003 min
Response: 7249572
Conc: 49.40 ug/ml



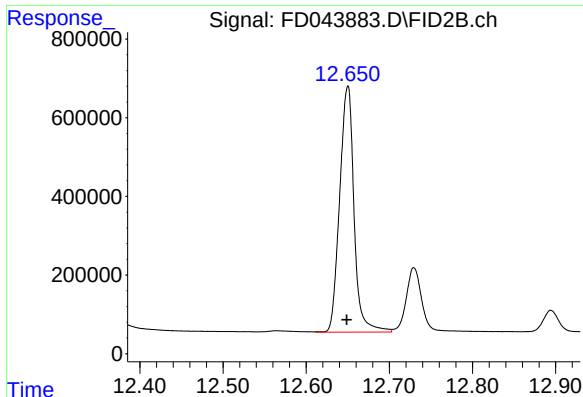
#11 ortho-Terphenyl (SURR)

R.T.: 11.316 min
Delta R.T.: 0.001 min
Response: 8018828
Conc: 43.04 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.354 min
Delta R.T.: 0.000 min
Response: 7595782
Conc: 49.52 ug/ml



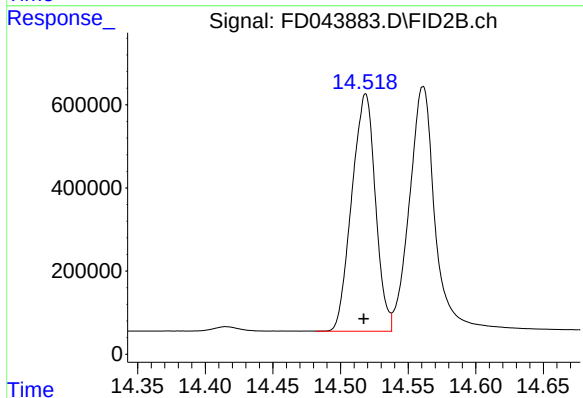
#13 Pyrene (C20.8)

R.T.: 12.650 min
Delta R.T.: 0.001 min
Response: 7518205
Conc: 50.54 ug/ml

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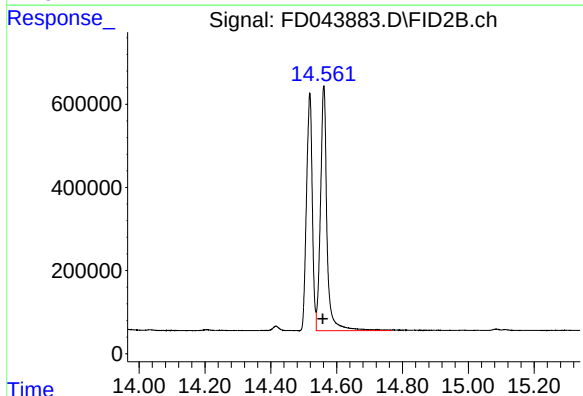
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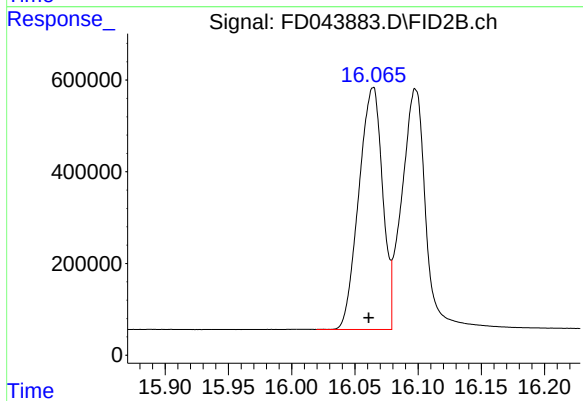
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.519 min
Delta R.T.: 0.001 min
Response: 6939589
Conc: 62.08 ug/ml



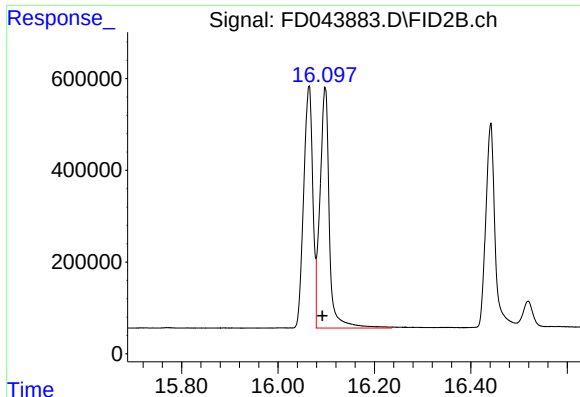
#15 Chrysene (C27.41)

R.T.: 14.561 min
Delta R.T.: 0.003 min
Response: 8107611
Conc: 51.88 ug/ml



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

R.T.: 16.064 min
Delta R.T.: 0.004 min
Response: 6907202
Conc: 59.23 ug/ml



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

R.T.: 16.098 min
Delta R.T.: 0.005 min
Response: 7126357
Conc: 48.00 ug/ml

Instrument :

FID_D

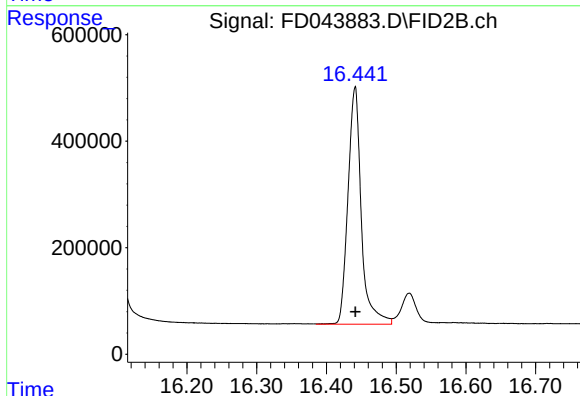
ClientSampleId :

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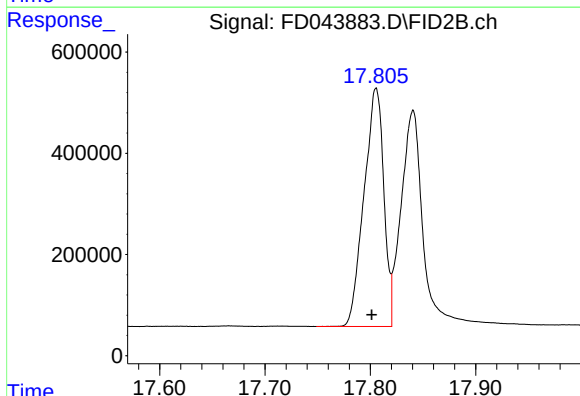
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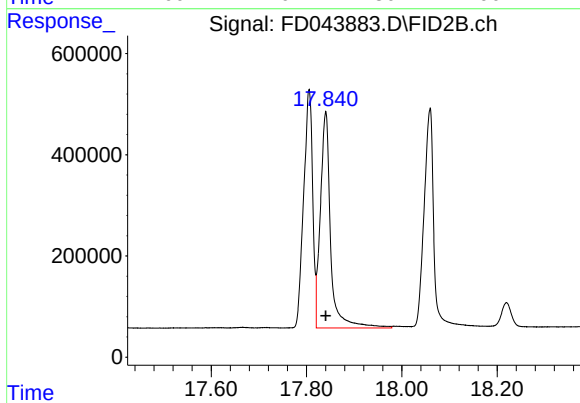
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.441 min
Delta R.T.: 0.000 min
Response: 5918781
Conc: 48.86 ug/ml



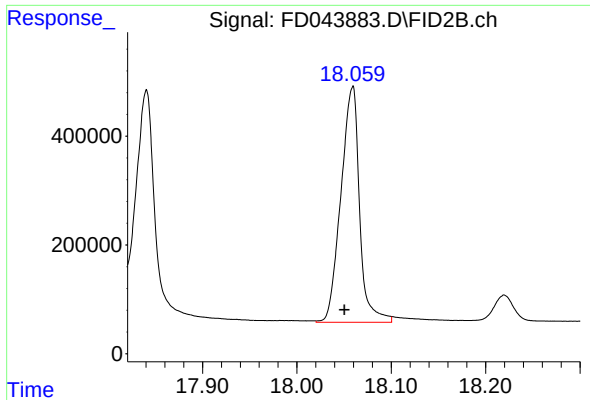
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.805 min
Delta R.T.: 0.004 min
Response: 6141680
Conc: 64.60 ug/ml



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

R.T.: 17.840 min
Delta R.T.: 0.000 min
Response: 6400877
Conc: 53.28 ug/ml



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

R.T.: 18.058 min
Delta R.T.: 0.008 min
Response: 5967544
Conc: 52.37 ug/ml

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