

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062822AR\
 Data File : FD043096.D
 Signal(s) : FID2B.ch
 Acq On : 28 Jun 2022 22:26
 Operator : YP/AJ
 Sample : N3514-03MS
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 WC-14B-10-GRMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/29/2022
 Supervised By :Ankita Jodhani 06/29/2022

Integration File: autoint1.e
 Quant Time: Jun 29 02:51:29 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062422.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 25 04:47:50 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rx1-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.634	6229797	40.346 ug/mlm
Spiked Amount 50.000		Recovery =	80.69%
6) S 2-Fluorobiphenyl (SURR)	8.500	4181267	39.642 ug/mlm
Spiked Amount 50.000 Range 0 - 131		Recovery =	79.28%
11) S ortho-Terphenyl (SURR)	11.543	6601142	36.320 ug/mlm
Spiked Amount 50.000		Recovery =	72.64%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.430	6367580	37.913 ug/mlm
2) T Naphthalene (C11.7)	5.971	7941935	45.364 ug/ml
3) T 2-Methylnaphthalene (...)	7.026	9233457	57.406 ug/mlm
5) T Acenaphthylene (C15.06)	8.305	10294728	57.918 ug/mlm
7) T Acenaphthene (C15.5)	8.602	9692067	55.348 ug/mlm
8) T Flouorene (C16.55)	9.385	9925488	57.260 ug/mlm
9) T Phenanthrene (C19.36)	10.783	10182280	59.368 ug/mlm
10) T Anthracene (C19.43)	10.859	9797469	57.668 ug/mlm
12) T Fluoranthene (C21.85)	12.596	9321238	55.578 ug/ml
13) T Pyrene (C20.8)	12.893	9046539	55.511 ug/ml
14) T Benzo[a]anthracene (C...	14.766	8584683	55.278 ug/ml
15) T Chrysene (C27.41)	14.812	10002391	63.374 ug/ml
16) T benzo[b]fluoranthene ...	16.320	8322661	54.598 ug/ml
17) T Bnezo[k]fluoranthene ...	16.354	7858126	53.690 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.697	7276895	50.876 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.066	8044950	64.289 ug/ml
20) T Dibenz[a,h]anthracene...	18.103	7413928	55.147 ug/ml
21) T Benzo[g,h,i]perylene ...	18.323	7637371	58.555 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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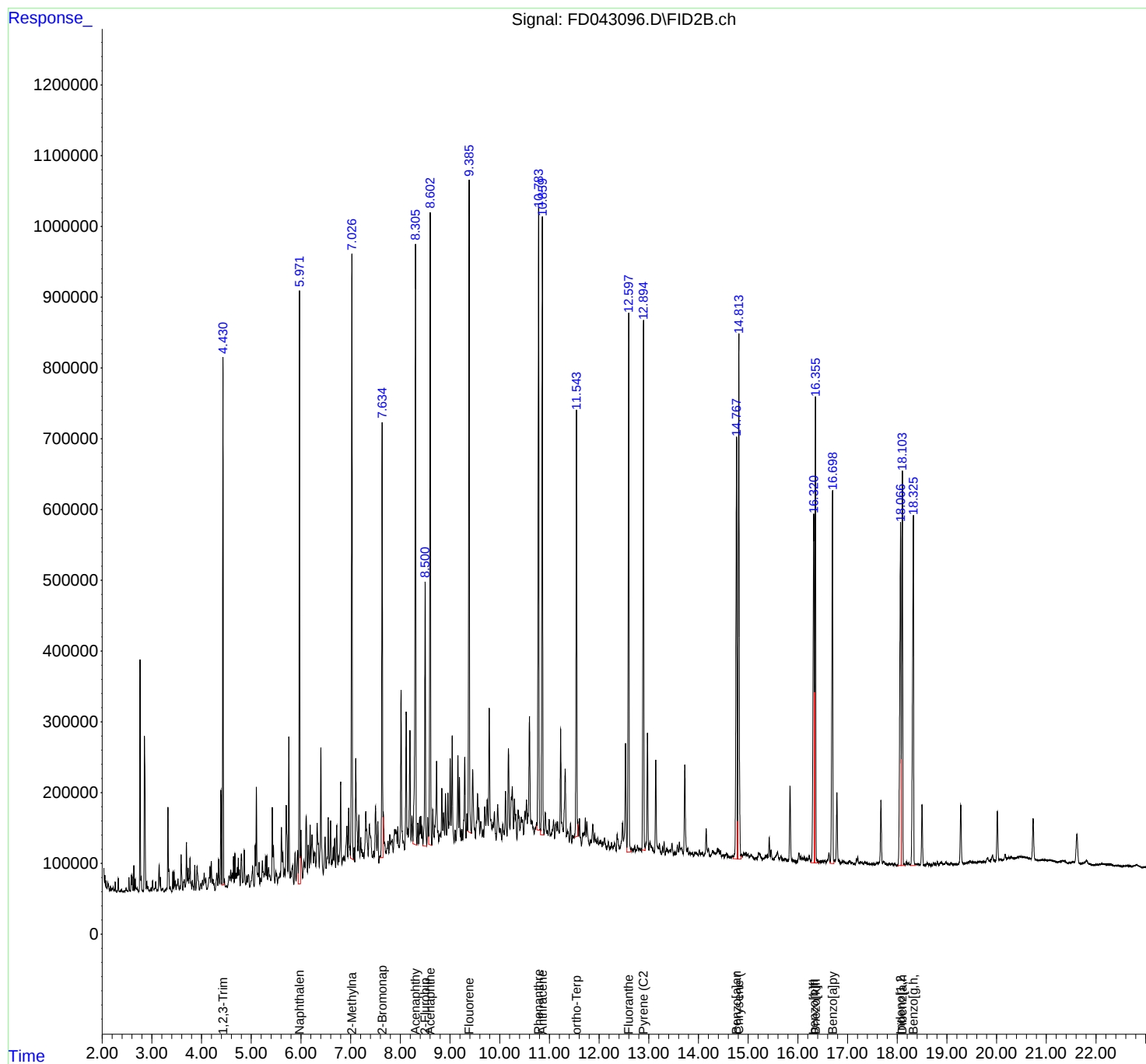
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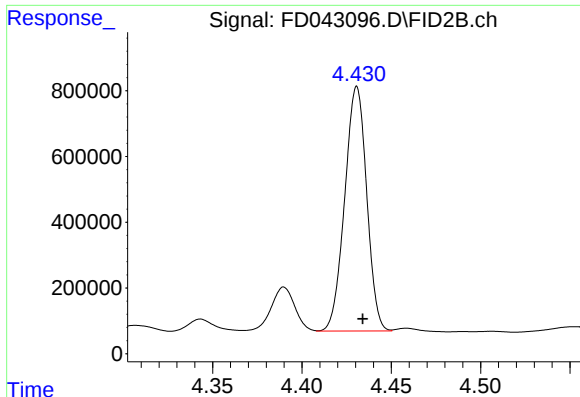
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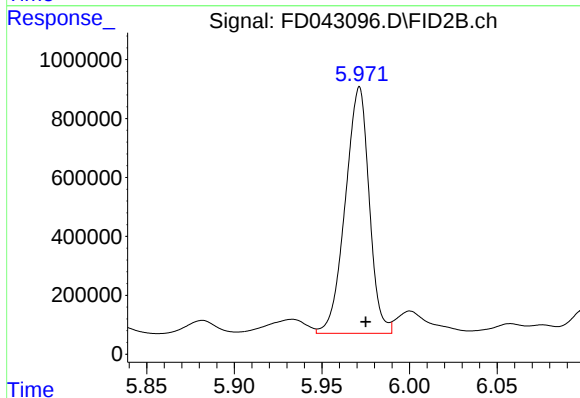
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.430 min
Delta R.T.: -0.004 min
Response: 6367580
Conc: 37.91 ug/ml

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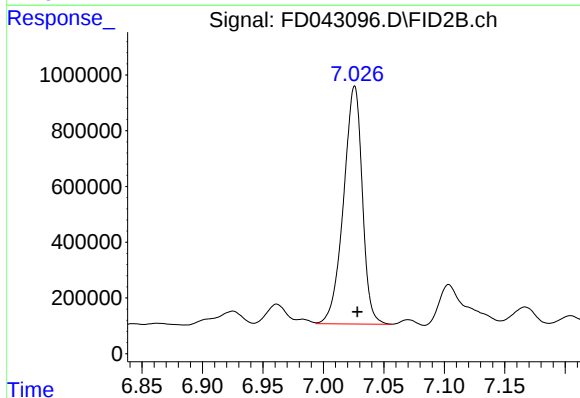
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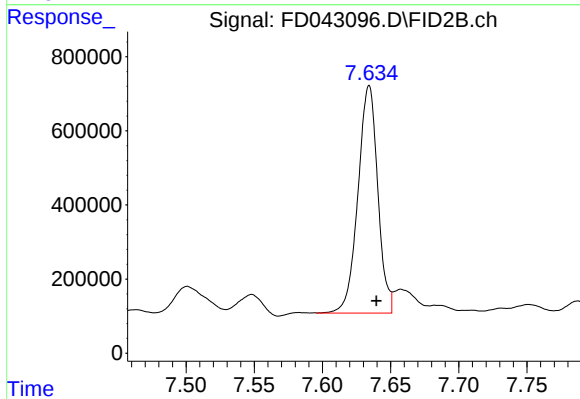
#2 Naphthalene (C11.7)

R.T.: 5.971 min
Delta R.T.: -0.004 min
Response: 7941935
Conc: 45.36 ug/ml



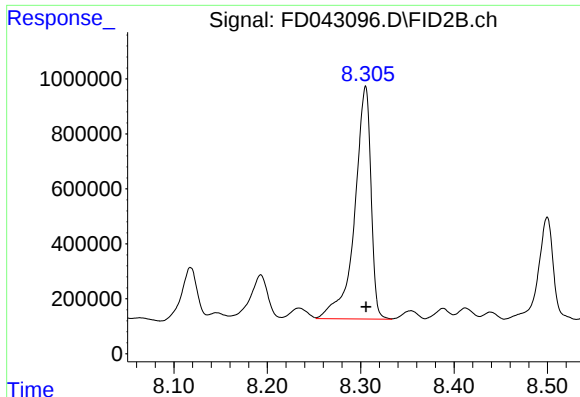
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.026 min
Delta R.T.: -0.002 min
Response: 9233457
Conc: 57.41 ug/ml m



#4 2-Bromonaphthalene (SURR)

R.T.: 7.634 min
Delta R.T.: -0.006 min
Response: 6229797
Conc: 40.35 ug/ml m



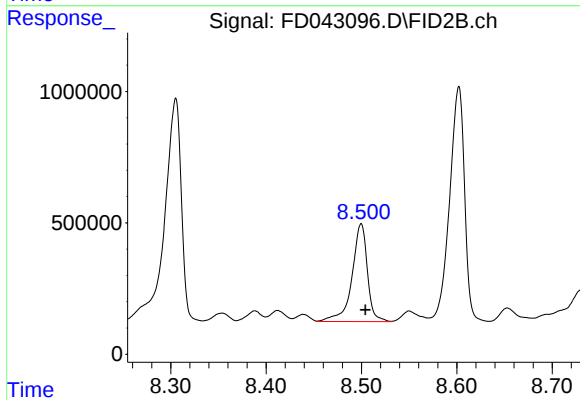
#5 Acenaphthylene (C15.06)

R.T.: 8.305 min
Delta R.T.: 0.000 min
Response: 10294728
Conc: 57.92 ug/ml

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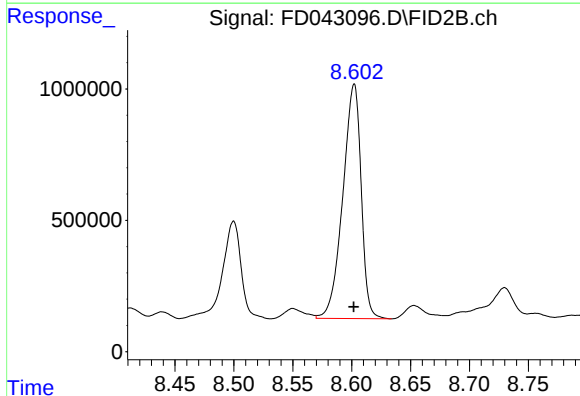
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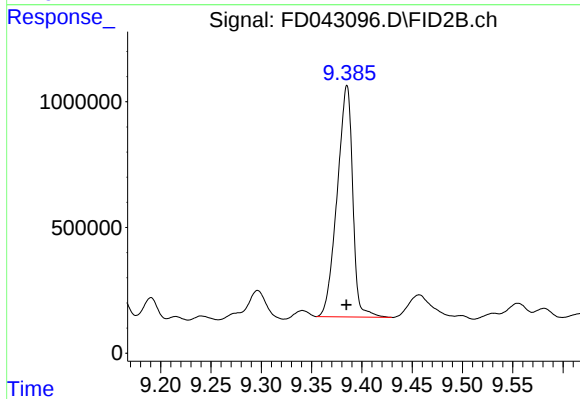
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.500 min
Delta R.T.: -0.005 min
Response: 4181267
Conc: 39.64 ug/ml m



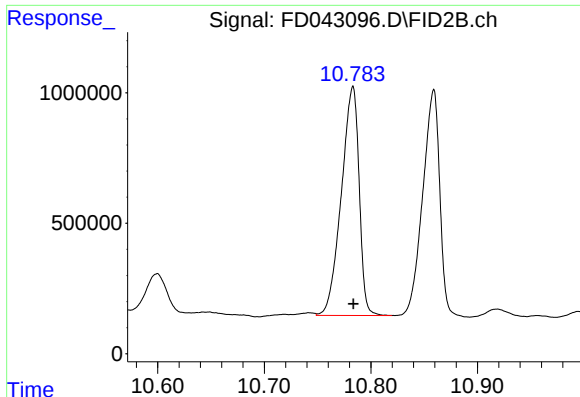
#7 Acenaphthene (C15.5)

R.T.: 8.602 min
Delta R.T.: 0.000 min
Response: 9692067
Conc: 55.35 ug/ml m



#8 Flouorene (C16.55)

R.T.: 9.385 min
Delta R.T.: 0.000 min
Response: 9925488
Conc: 57.26 ug/ml m



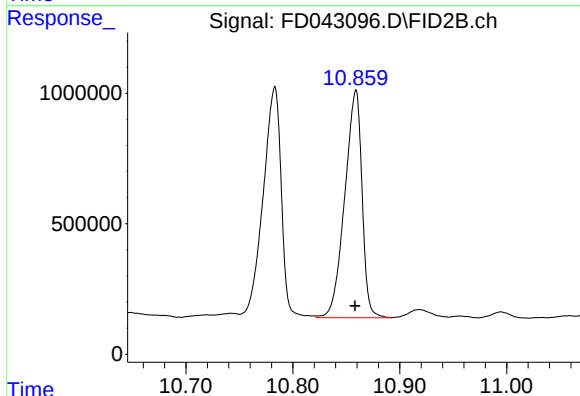
#9 Phenanthrene (C19.36)

R.T.: 10.783 min
Delta R.T.: 0.000 min
Response: 10182280
Conc: 59.37 ug/ml

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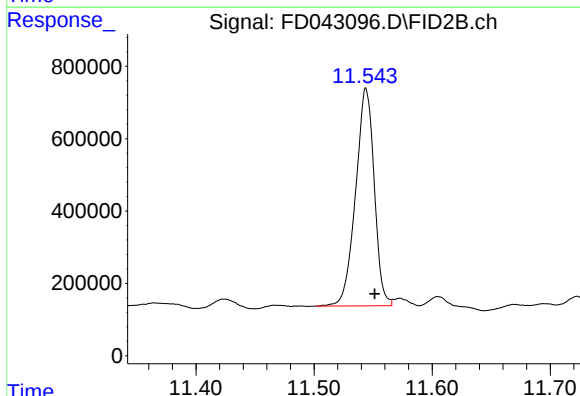
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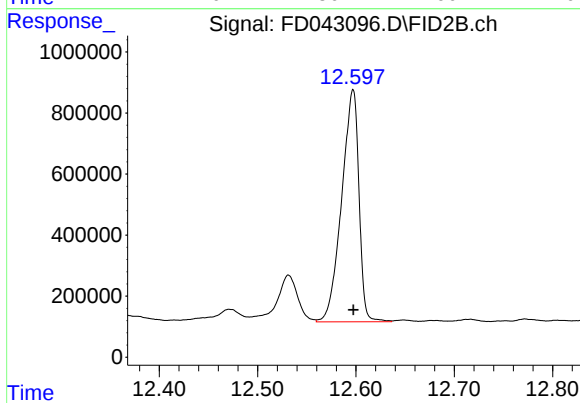
#10 Anthracene (C19.43)

R.T.: 10.859 min
Delta R.T.: 0.000 min
Response: 9797469
Conc: 57.67 ug/ml m



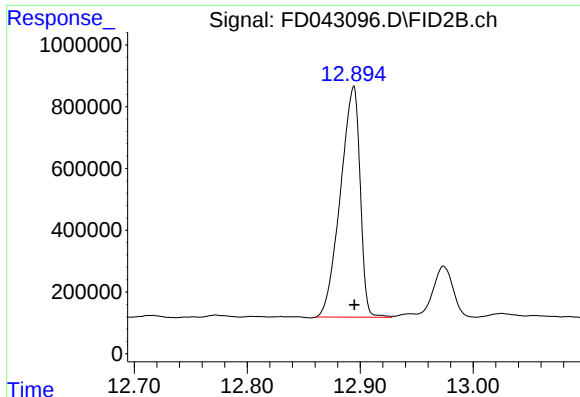
#11 ortho-Terphenyl (SURR)

R.T.: 11.543 min
Delta R.T.: -0.008 min
Response: 6601142
Conc: 36.32 ug/ml m



#12 Fluoranthene (C21.85)

R.T.: 12.596 min
Delta R.T.: -0.001 min
Response: 9321238
Conc: 55.58 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.893 min
Delta R.T.: -0.002 min
Response: 9046539
Conc: 55.51 ug/ml

Instrument :

FID_D

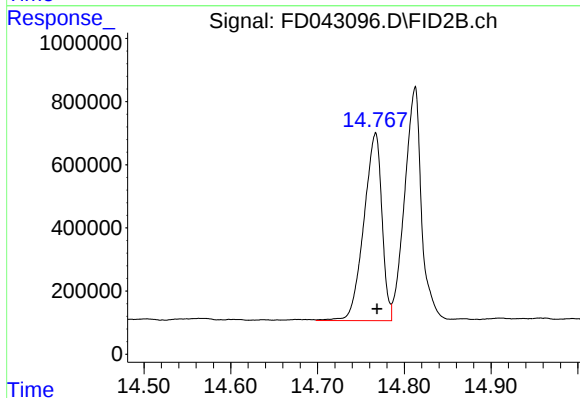
ClientSampleId :

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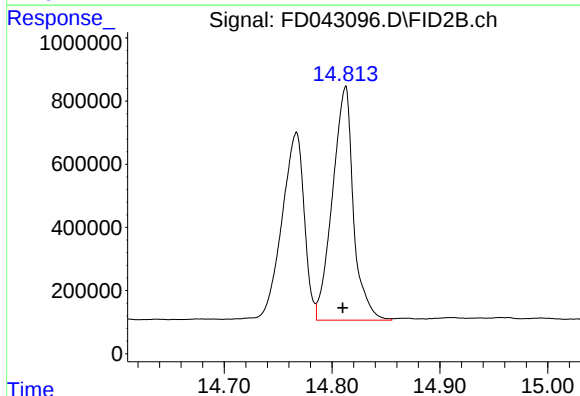
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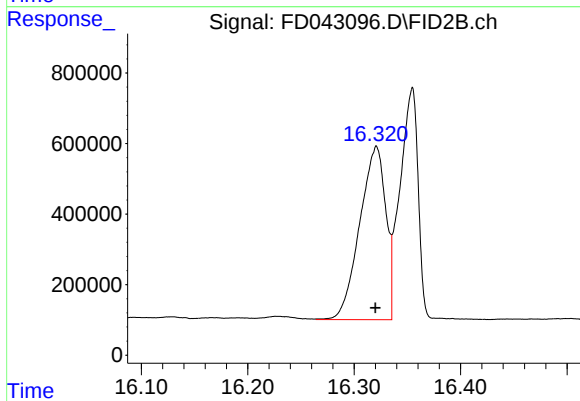
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.766 min
Delta R.T.: -0.002 min
Response: 8584683
Conc: 55.28 ug/ml



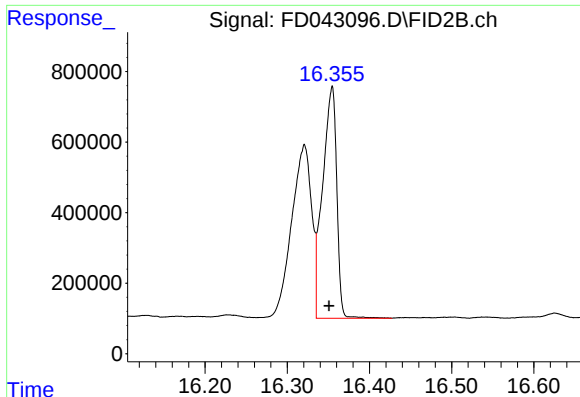
#15 Chrysene (C27.41)

R.T.: 14.812 min
Delta R.T.: 0.002 min
Response: 10002391
Conc: 63.37 ug/ml



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

R.T.: 16.320 min
Delta R.T.: 0.000 min
Response: 8322661
Conc: 54.60 ug/ml



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

R.T.: 16.354 min
Delta R.T.: 0.003 min
Response: 7858126
Conc: 53.69 ug/ml

Instrument :

FID_D

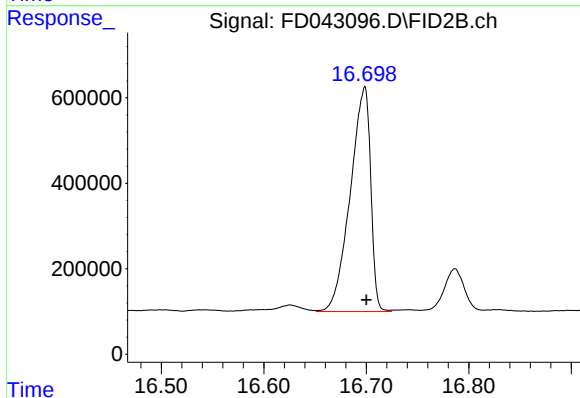
ClientSampleId :

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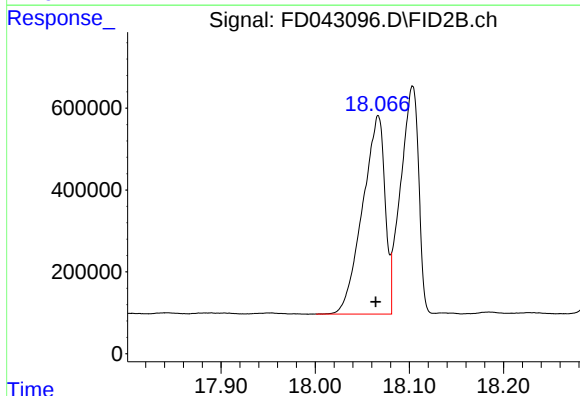
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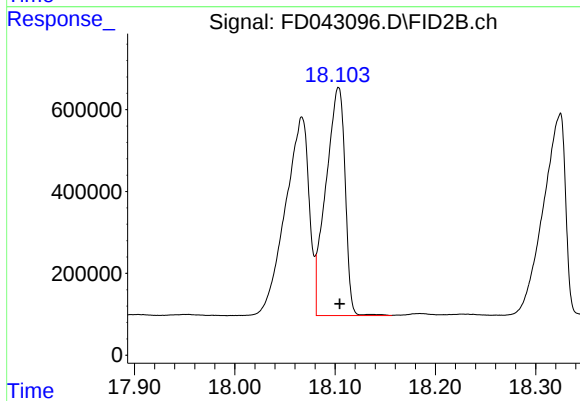
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.697 min
Delta R.T.: -0.003 min
Response: 7276895
Conc: 50.88 ug/ml



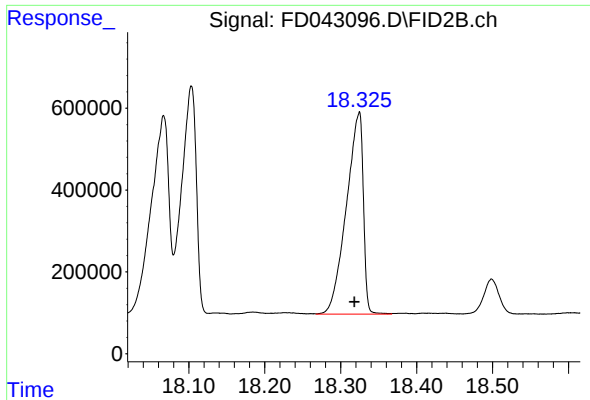
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.066 min
Delta R.T.: 0.002 min
Response: 8044950
Conc: 64.29 ug/ml



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

R.T.: 18.103 min
Delta R.T.: -0.002 min
Response: 7413928
Conc: 55.15 ug/ml



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

R.T.: 18.323 min
Delta R.T.: 0.005 min
Response: 7637371
Conc: 58.56 ug/ml

Instrument :

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