

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062822AR\
 Data File : FD043092.D
 Signal(s) : FID2B.ch
 Acq On : 28 Jun 2022 19:36
 Operator : YP/AJ
 Sample : PB145886BSD
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB145886BSD

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 02:50:27 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 : 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...	7.632	5862184	37.965 ug/ml
Spiked Amount 50.000		Recovery =	75.93%
6) S 2-Fluorobiphenyl (SURR)	8.497	3948524	37.436 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	74.87%
11) S ortho-Terphenyl (SURR)	11.541	6186483	34.038 ug/ml
Spiked Amount 50.000		Recovery =	68.08%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.429	6034738	35.932 ug/mlm
2) T Naphthalene (C11.7)	5.970	6844193	39.094 ug/ml
3) T 2-Methylnaphthalene (...)	7.023	7007299	43.566 ug/ml
5) T Acenaphthylene (C15.06)	8.300	7012588	39.453 ug/ml
7) T Acenaphthene (C15.5)	8.598	7539675	43.056 ug/ml
8) T Flouorene (C16.55)	9.379	7812314	45.069 ug/ml
9) T Phenanthrene (C19.36)	10.777	7986910	46.568 ug/ml
10) T Anthracene (C19.43)	10.853	7916551	46.597 ug/ml
12) T Fluoranthene (C21.85)	12.591	7849126	46.800 ug/ml
13) T Pyrene (C20.8)	12.889	7726356	47.410 ug/mlm
14) T Benzo[a]anthracene (C...	14.761	7234286	46.583 ug/ml
15) T Chrysene (C27.41)	14.806	8107923	51.371 ug/ml
16) T benzo[b]fluoranthene ...	16.313	7080102	46.446 ug/ml
17) T Bnezo[k]fluoranthene ...	16.349	6898031	47.130 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.691	6299650	44.043 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.059	6972529	55.719 ug/ml
20) T Dibenz[a,h]anthracene...	18.098	6468951	48.118 ug/ml
21) T Benzo[g,h,i]perylene ...	18.316	6587359	50.505 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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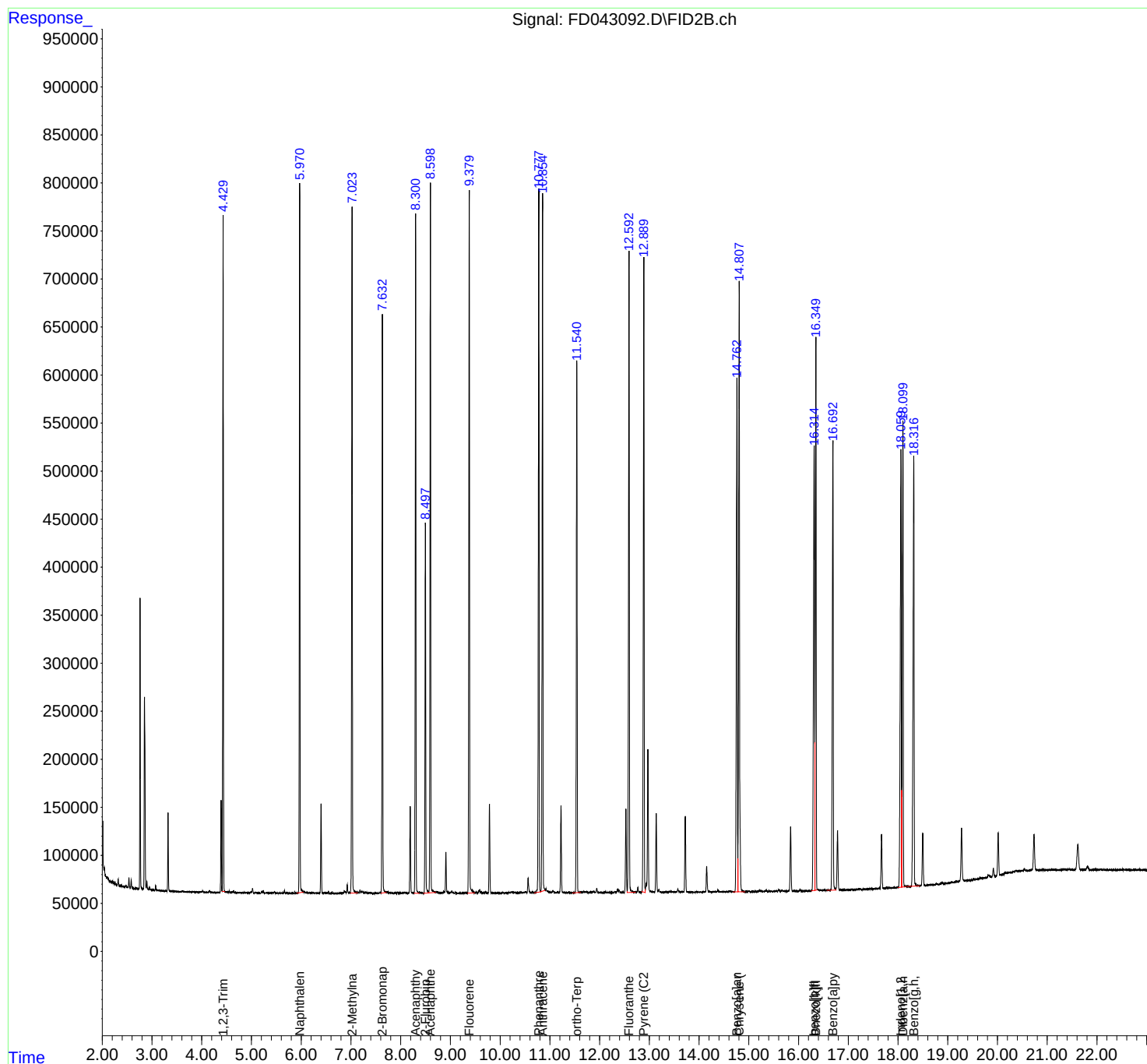
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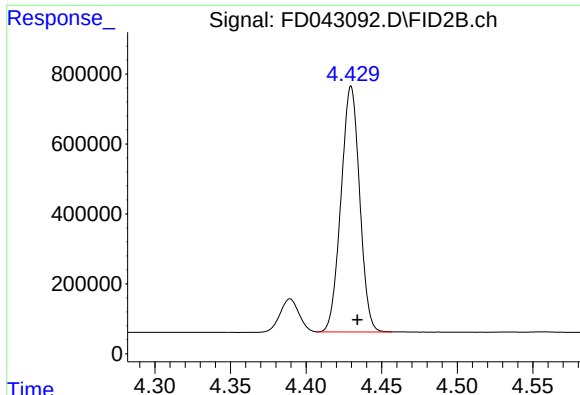
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.429 min
Delta R.T.: -0.005 min
Response: 6034738
Conc: 35.93 ug/ml

Instrument :

FID_D

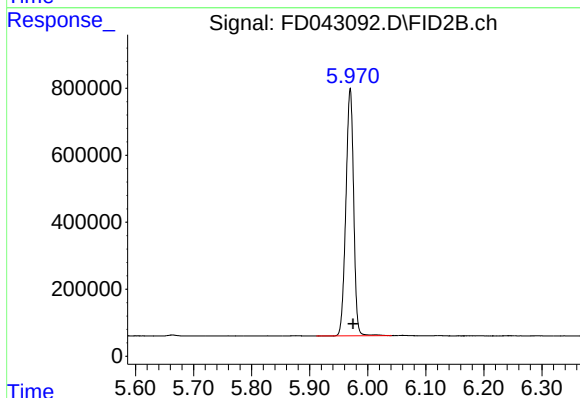
ClientSampleId :

PB145886BSD

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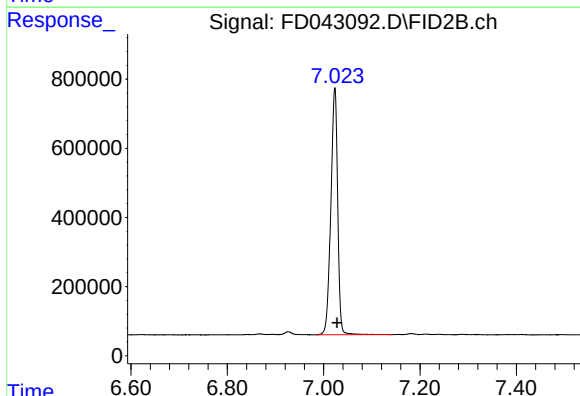
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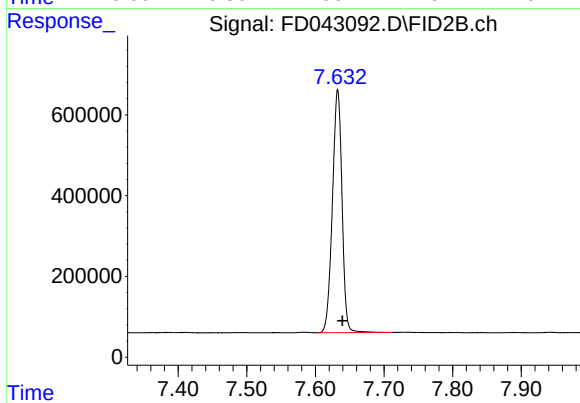
#2 Naphthalene (C11.7)

R.T.: 5.970 min
Delta R.T.: -0.005 min
Response: 6844193
Conc: 39.09 ug/ml



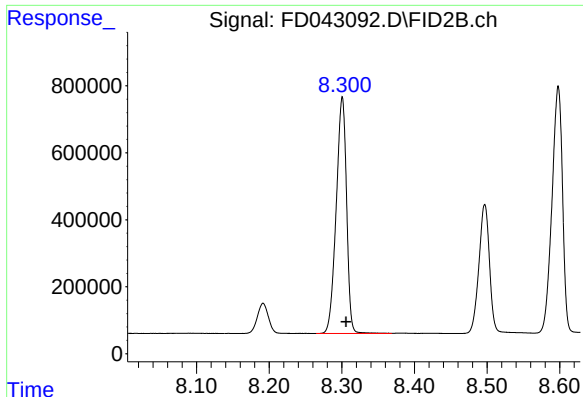
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.023 min
Delta R.T.: -0.005 min
Response: 7007299
Conc: 43.57 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.632 min
Delta R.T.: -0.007 min
Response: 5862184
Conc: 37.97 ug/ml



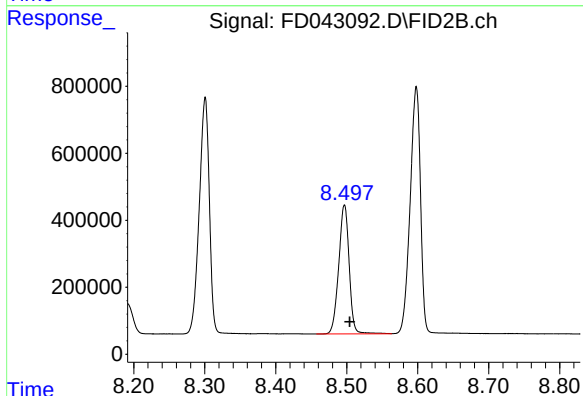
#5 Acenaphthylene (C15.06)

R.T.: 8.300 min
Delta R.T.: -0.006 min
Response: 7012588
Conc: 39.45 ug/ml

Instrument :
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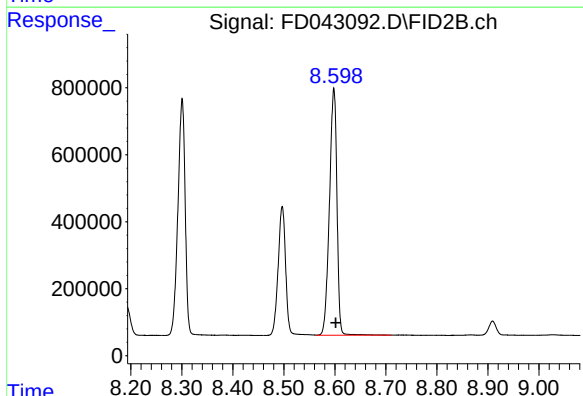
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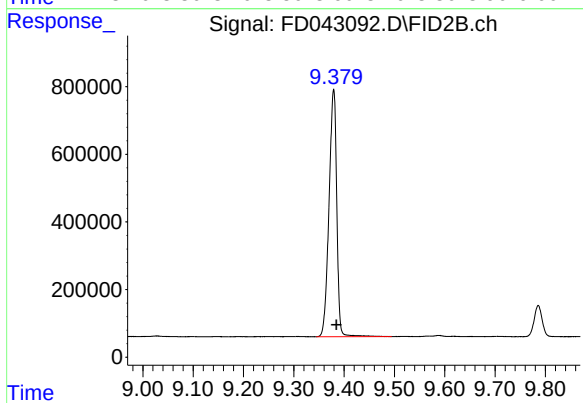
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.497 min
Delta R.T.: -0.007 min
Response: 3948524
Conc: 37.44 ug/ml



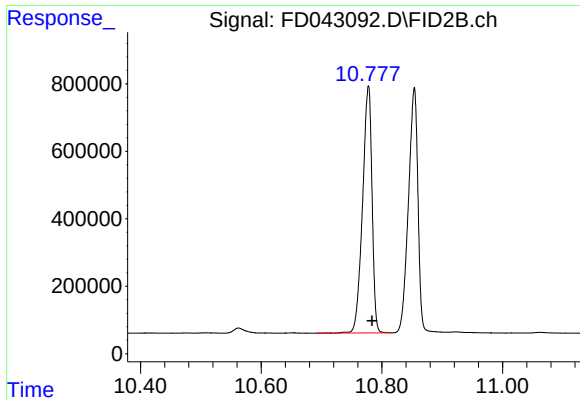
#7 Acenaphthene (C15.5)

R.T.: 8.598 min
Delta R.T.: -0.004 min
Response: 7539675
Conc: 43.06 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.379 min
Delta R.T.: -0.006 min
Response: 7812314
Conc: 45.07 ug/ml



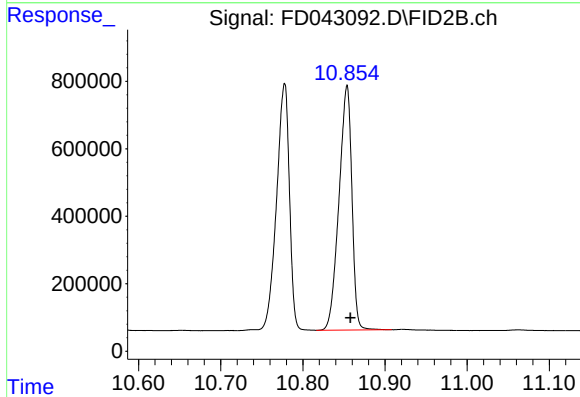
#9 Phenanthrene (C19.36)

R.T.: 10.777 min
Delta R.T.: -0.007 min
Response: 7986910
Conc: 46.57 ug/ml

Instrument :
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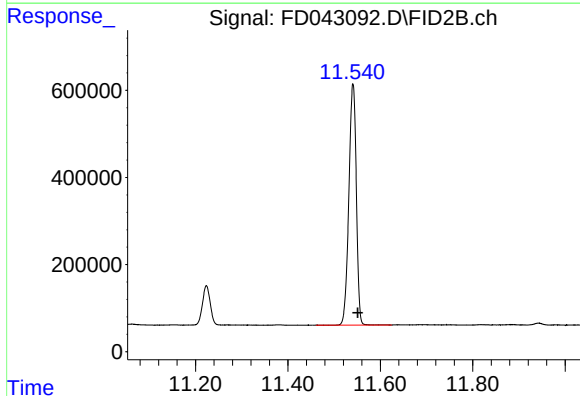
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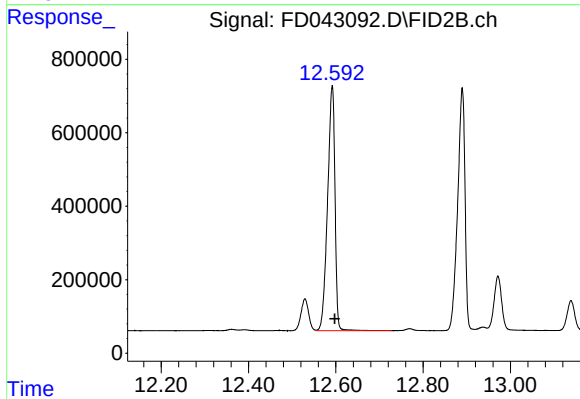
#10 Anthracene (C19.43)

R.T.: 10.853 min
Delta R.T.: -0.005 min
Response: 7916551
Conc: 46.60 ug/ml



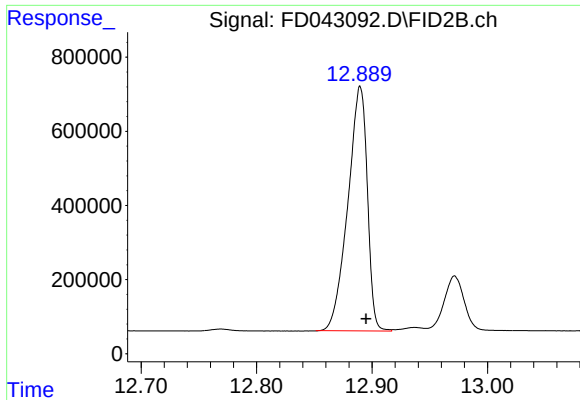
#11 ortho-Terphenyl (SURR)

R.T.: 11.541 min
Delta R.T.: -0.011 min
Response: 6186483
Conc: 34.04 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.591 min
Delta R.T.: -0.006 min
Response: 7849126
Conc: 46.80 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.889 min
Delta R.T.: -0.006 min
Response: 7726356
Conc: 47.41 ug/ml

Instrument :

FID_D

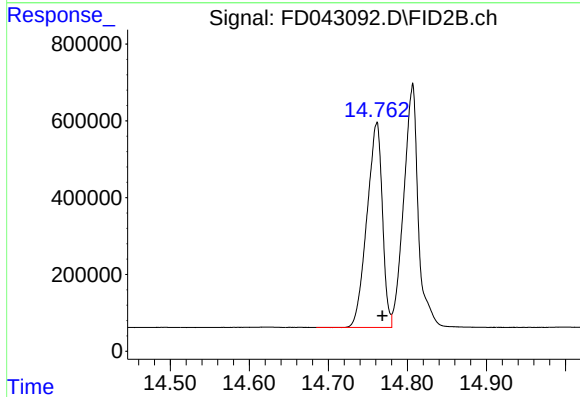
ClientSampleId :

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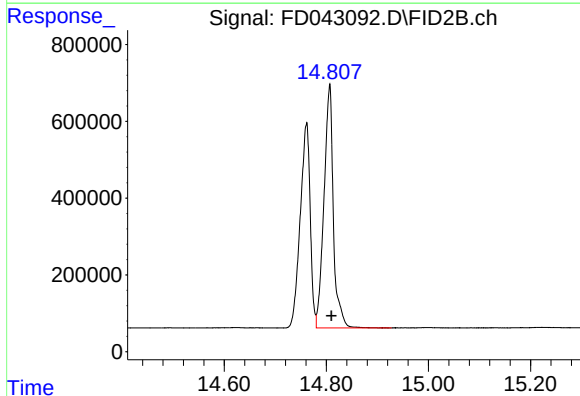
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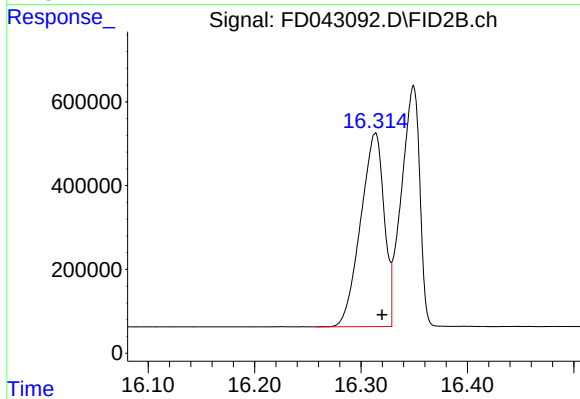
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.761 min
Delta R.T.: -0.008 min
Response: 7234286
Conc: 46.58 ug/ml



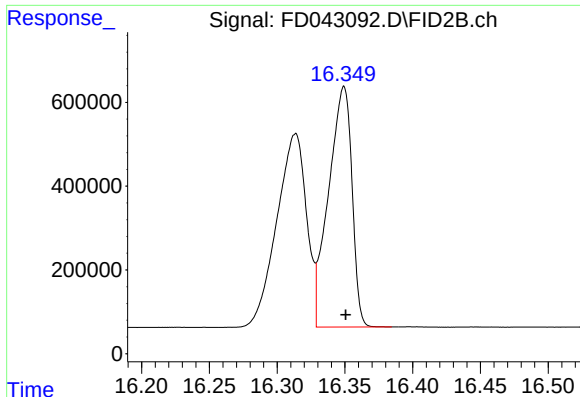
#15 Chrysene (C27.41)

R.T.: 14.806 min
Delta R.T.: -0.004 min
Response: 8107923
Conc: 51.37 ug/ml



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

R.T.: 16.313 min
Delta R.T.: -0.007 min
Response: 7080102
Conc: 46.45 ug/ml



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

R.T.: 16.349 min
Delta R.T.: -0.002 min
Response: 6898031
Conc: 47.13 ug/ml

Instrument :

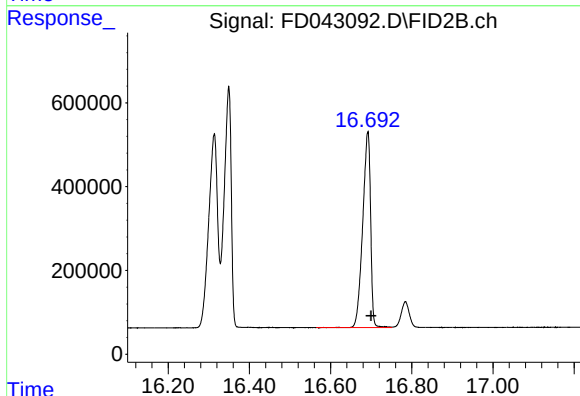
FID_D

ClientSampleId :

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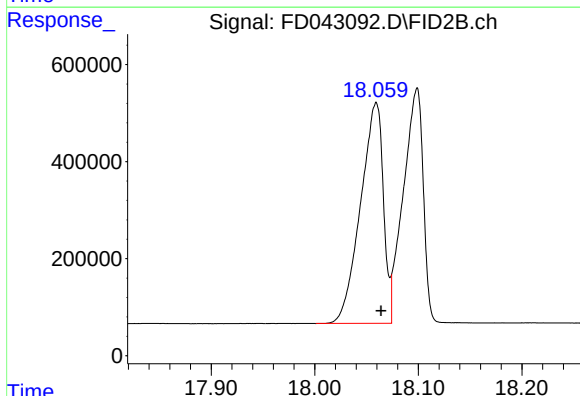
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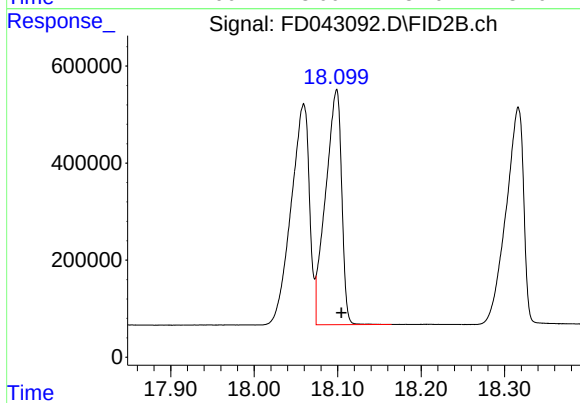
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.691 min
Delta R.T.: -0.009 min
Response: 6299650
Conc: 44.04 ug/ml



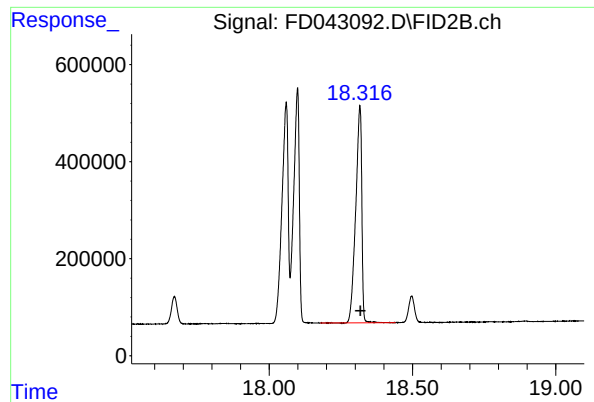
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.059 min
Delta R.T.: -0.006 min
Response: 6972529
Conc: 55.72 ug/ml



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

R.T.: 18.098 min
Delta R.T.: -0.007 min
Response: 6468951
Conc: 48.12 ug/ml



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

R.T.: 18.316 min
Delta R.T.: -0.002 min
Response: 6587359
Conc: 50.51 ug/ml

Instrument :

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