

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081722AR\
 Data File : FD043639.D
 Signal(s) : FID2B.ch
 Acq On : 18 Aug 2022 00:27
 Operator : YP/AJ
 Sample : N4124-08MS
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

NJP8MS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 08/18/2022

Supervised By :Ankita Jodhani 08/18/2022

Integration File: sample.E

Quant Time: Aug 18 02:00:21 2022

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 072522.M

Quant Title : GC Extractables

QLast Update : Mon Aug 08 16:58:49 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...	7.610	5387024	38.084 ug/ml
Spiked Amount 50.000		Recovery =	76.17%
6) S 2-Fluorobiphenyl (SURR)	8.473	3084218	32.443 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	64.89%
11) S ortho-Terphenyl (SURR)	11.518	4192289	24.735 ug/ml
Spiked Amount 50.000		Recovery =	49.47%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.405	3783091	24.121 ug/mlm
2) T Naphthalene (C11.7)	5.945	4382028	27.101 ug/ml
3) T 2-Methylnaphthalene (...)	6.998	4580113	31.280 ug/ml
5) T Acenaphthylene (C15.06)	8.276	4910946	30.251 ug/ml
7) T Acenaphthene (C15.5)	8.573	5123332	31.690 ug/ml
8) T Flouorene (C16.55)	9.355	5594511	35.703 ug/ml
9) T Phenanthrene (C19.36)	10.753	5544398	35.377 ug/ml
10) T Anthracene (C19.43)	10.828	5338160	34.660 ug/ml
12) T Fluoranthene (C21.85)	12.568	5567507	35.152 ug/ml
13) T Pyrene (C20.8)	12.865	5462214	34.756 ug/ml
14) T Benzo[a]anthracene (C...	14.741	5419003	36.731 ug/ml
15) T Chrysene (C27.41)	14.785	6206889	39.721 ug/ml
16) T benzo[b]fluoranthene ...	16.296	5453542	36.458 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.330	5463146	36.408 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.675	4910676	34.742 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.044	5262883	44.531 ug/ml
20) T Dibenz[a,h]anthracene...	18.082	5214840	36.766 ug/ml
21) T Benzo[g,h,i]perylene ...	18.300	5075100	39.026 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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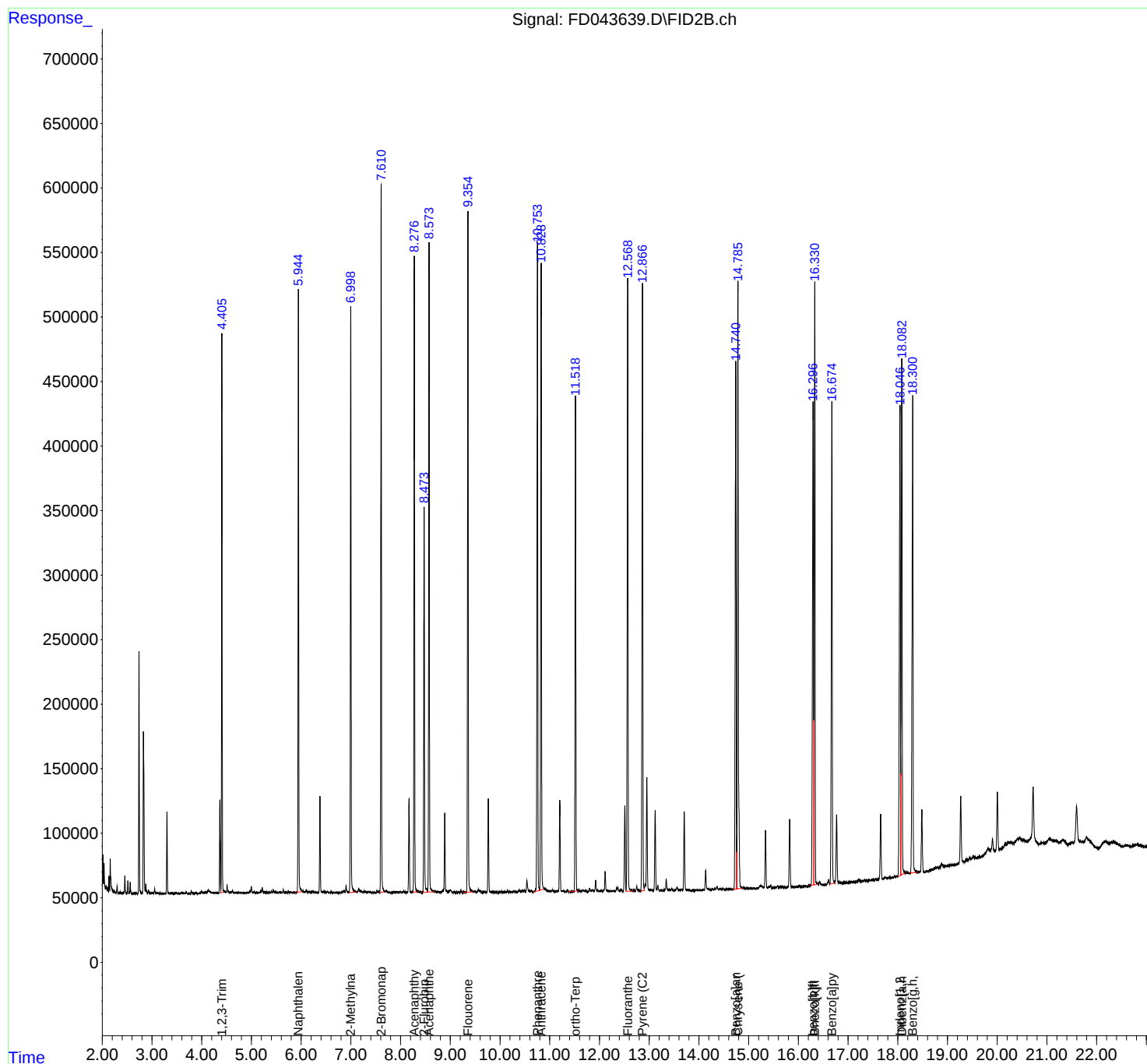
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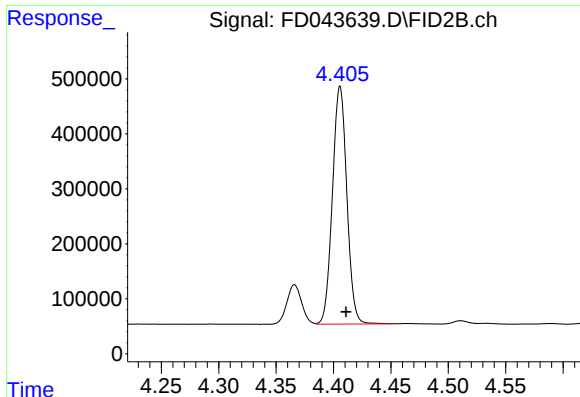
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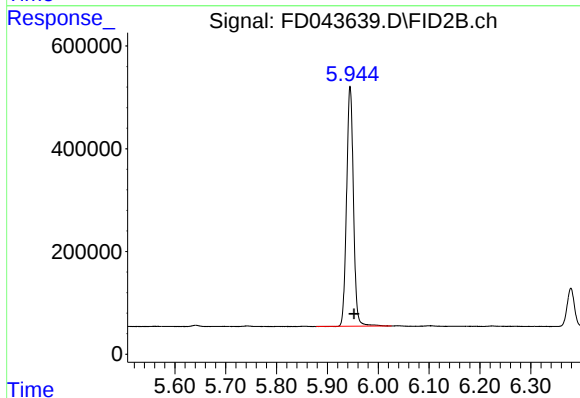
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.405 min
Delta R.T.: -0.006 min
Response: 3783091
Conc: 24.12 ug/ml

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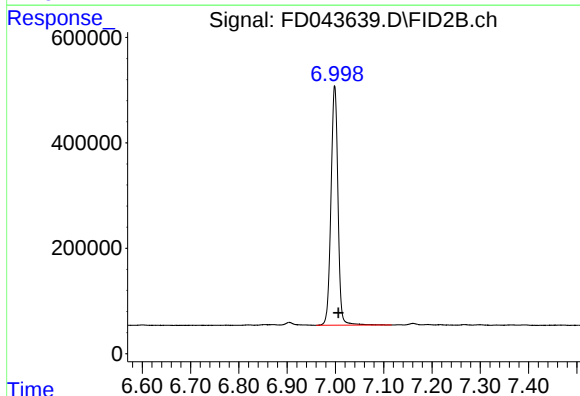
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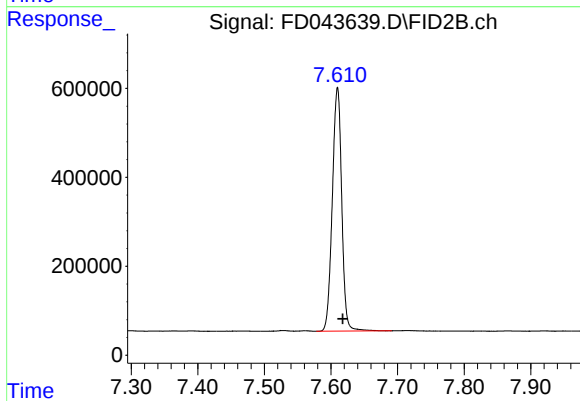
#2 Naphthalene (C11.7)

R.T.: 5.945 min
Delta R.T.: -0.008 min
Response: 4382028
Conc: 27.10 ug/ml



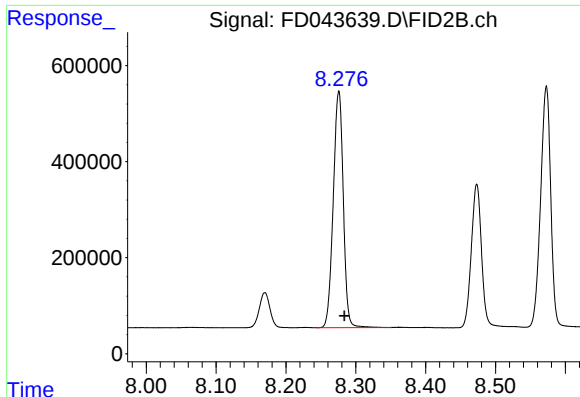
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.998 min
Delta R.T.: -0.008 min
Response: 4580113
Conc: 31.28 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.610 min
Delta R.T.: -0.008 min
Response: 5387024
Conc: 38.08 ug/ml



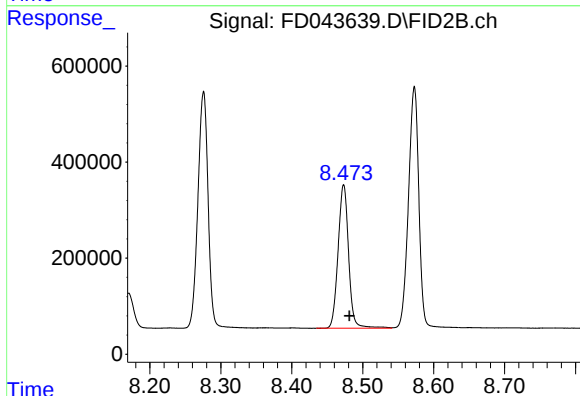
#5 Acenaphthylene (C15.06)

R.T.: 8.276 min
Delta R.T.: -0.008 min
Response: 4910946
Conc: 30.25 ug/ml

Instrument :
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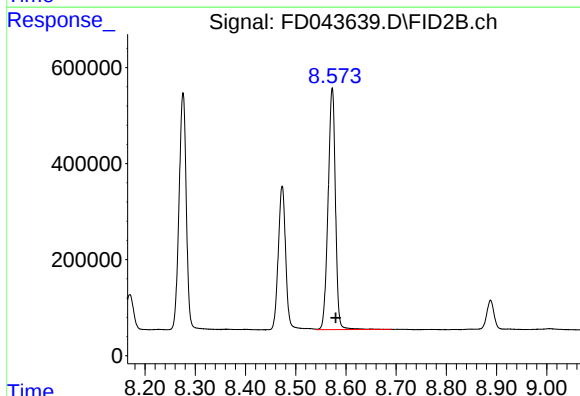
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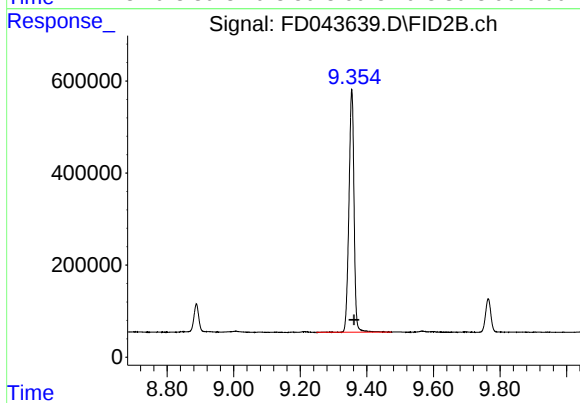
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.473 min
Delta R.T.: -0.008 min
Response: 3084218
Conc: 32.44 ug/ml



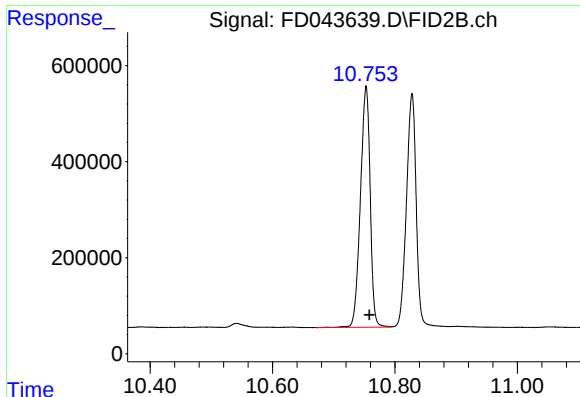
#7 Acenaphthene (C15.5)

R.T.: 8.573 min
Delta R.T.: -0.007 min
Response: 5123332
Conc: 31.69 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.355 min
Delta R.T.: -0.007 min
Response: 5594511
Conc: 35.70 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.753 min
Delta R.T.: -0.006 min
Response: 5544398
Conc: 35.38 ug/ml

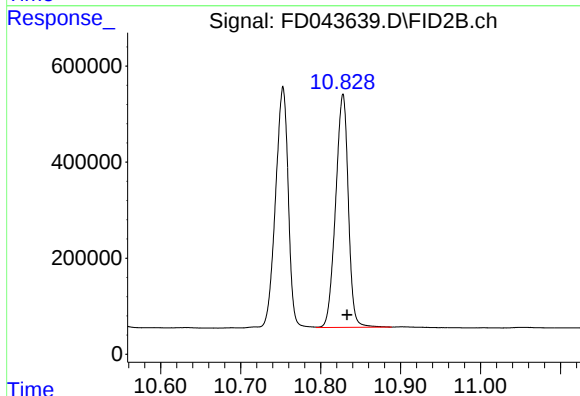
Instrument :

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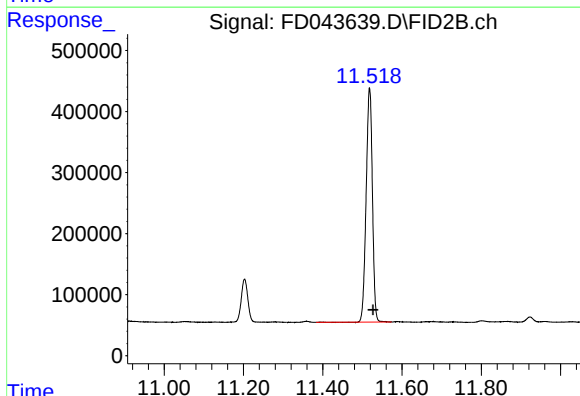
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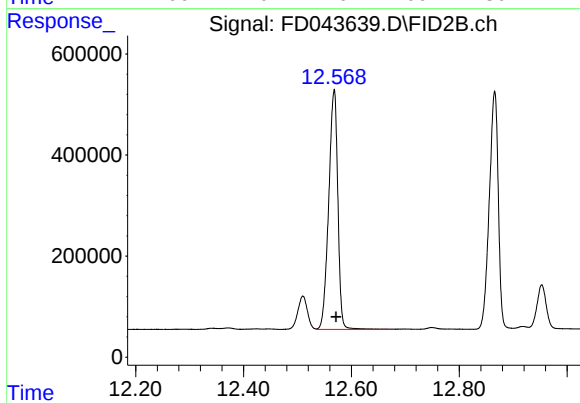
#10 Anthracene (C19.43)

R.T.: 10.828 min
Delta R.T.: -0.006 min
Response: 5338160
Conc: 34.66 ug/ml



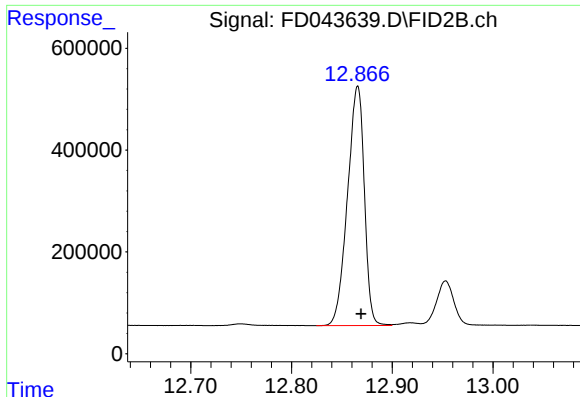
#11 ortho-Terphenyl (SURR)

R.T.: 11.518 min
Delta R.T.: -0.009 min
Response: 4192289
Conc: 24.73 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.568 min
Delta R.T.: -0.004 min
Response: 5567507
Conc: 35.15 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.865 min
Delta R.T.: -0.004 min
Response: 5462214
Conc: 34.76 ug/ml

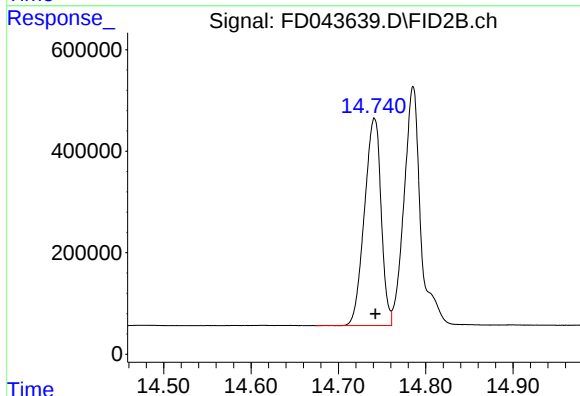
Instrument :

FID_D

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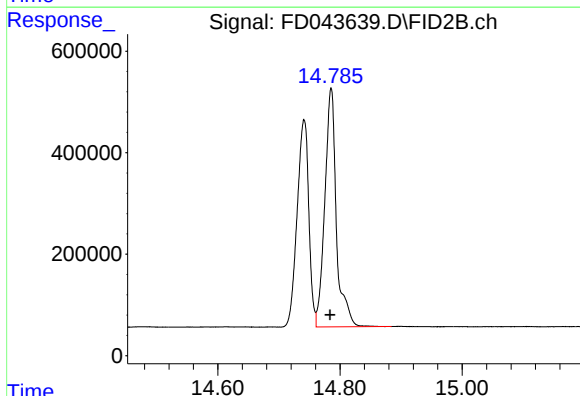
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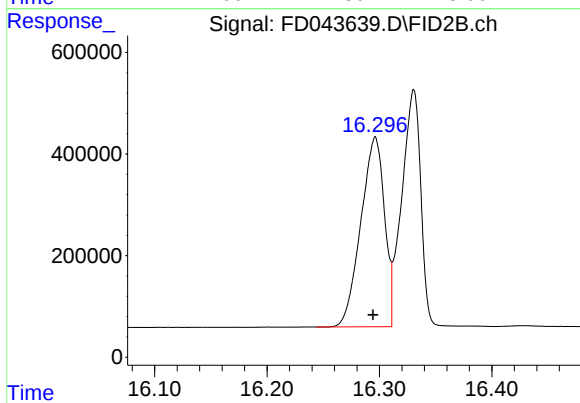
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.741 min
Delta R.T.: -0.002 min
Response: 5419003
Conc: 36.73 ug/ml



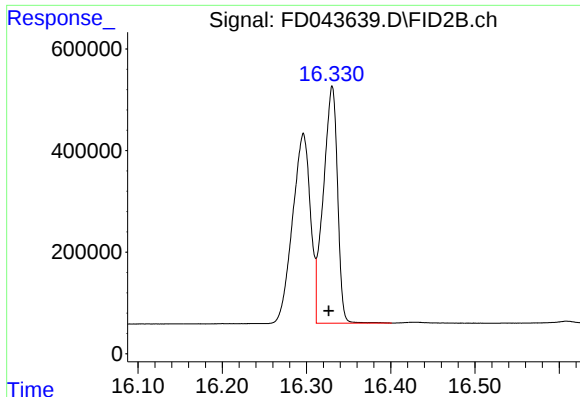
#15 Chrysene (C27.41)

R.T.: 14.785 min
Delta R.T.: 0.001 min
Response: 6206889
Conc: 39.72 ug/ml



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

R.T.: 16.296 min
Delta R.T.: 0.002 min
Response: 5453542
Conc: 36.46 ug/ml m



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

R.T.: 16.330 min
Delta R.T.: 0.004 min
Response: 5463146
Conc: 36.41 ug/ml

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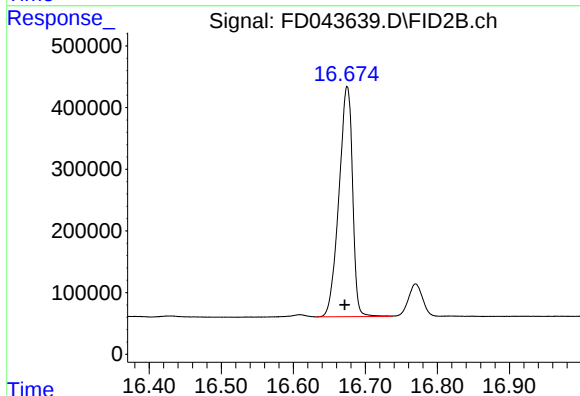
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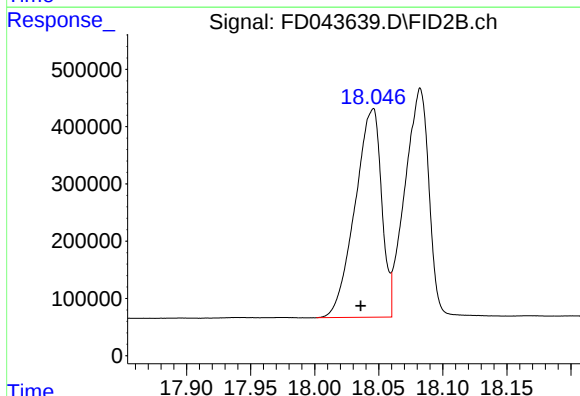
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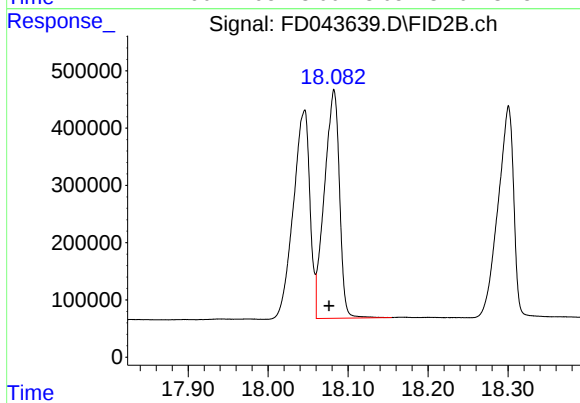
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.675 min
Delta R.T.: 0.003 min
Response: 4910676
Conc: 34.74 ug/ml



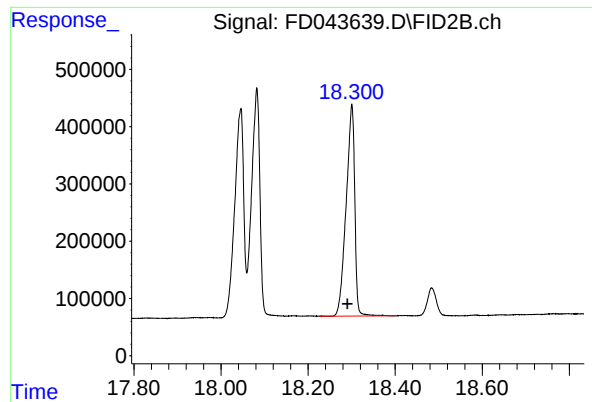
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.044 min
Delta R.T.: 0.008 min
Response: 5262883
Conc: 44.53 ug/ml



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

R.T.: 18.082 min
Delta R.T.: 0.005 min
Response: 5214840
Conc: 36.77 ug/ml



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

R.T.: 18.300 min
Delta R.T.: 0.010 min
Response: 5075100
Conc: 39.03 ug/ml

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