

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD120622AR\
 Data File : FD044602.D
 Signal(s) : FID2B.ch
 Acq On : 06 Dec 2022 12:52
 Operator : YP/AJ
 Sample : PB149425BS
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB149425BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/07/2022
 Supervised By :Ankita Jodhani 12/07/2022

Integration File: autoint1.e
 Quant Time: Dec 07 04:01:08 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 112922.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 29 00:29:41 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...	7.678	6375493	49.125 ug/ml
Spiked Amount 50.000		Recovery =	98.25%
6) S 2-Fluorobiphenyl (SURR)	8.536	4179579	47.325 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	94.65%
11) S ortho-Terphenyl (SURR)	11.564	6262415	38.480 ug/ml
Spiked Amount 50.000		Recovery =	76.96%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.492	4078320	28.579 ug/ml
2) T Naphthalene (C11.7)	6.023	6076764	40.416 ug/ml
3) T 2-Methylnaphthalene (...)	7.070	5578109	36.919 ug/mlm
5) T Acenaphthylene (C15.06)	8.341	6897949	49.620 ug/ml
7) T Acenaphthene (C15.5)	8.636	5788911	39.446 ug/ml
8) T Flouorene (C16.55)	9.412	6685889	46.370 ug/ml
9) T Phenanthrene (C19.36)	10.802	7028325	49.286 ug/ml
10) T Anthracene (C19.43)	10.876	6875049	49.484 ug/ml
12) T Fluoranthene (C21.85)	12.604	7234933	50.751 ug/ml
13) T Pyrene (C20.8)	12.899	6838083	49.135 ug/ml
14) T Benzo[a]anthracene (C...	14.760	7056346	54.535 ug/ml
15) T Chrysene (C27.41)	14.804	7036494	52.194 ug/ml
16) T benzo[b]fluoranthene ...	16.302	7148209	54.310 ug/ml
17) T Bnezo[k]fluoranthene ...	16.337	6682840	51.320 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.678	6223045	48.152 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.035	6875854	53.950 ug/ml
20) T Dibenz[a,h]anthracene...	18.077	6549684	52.055 ug/ml
21) T Benzo[g,h,i]perylene ...	18.291	6435117	50.033 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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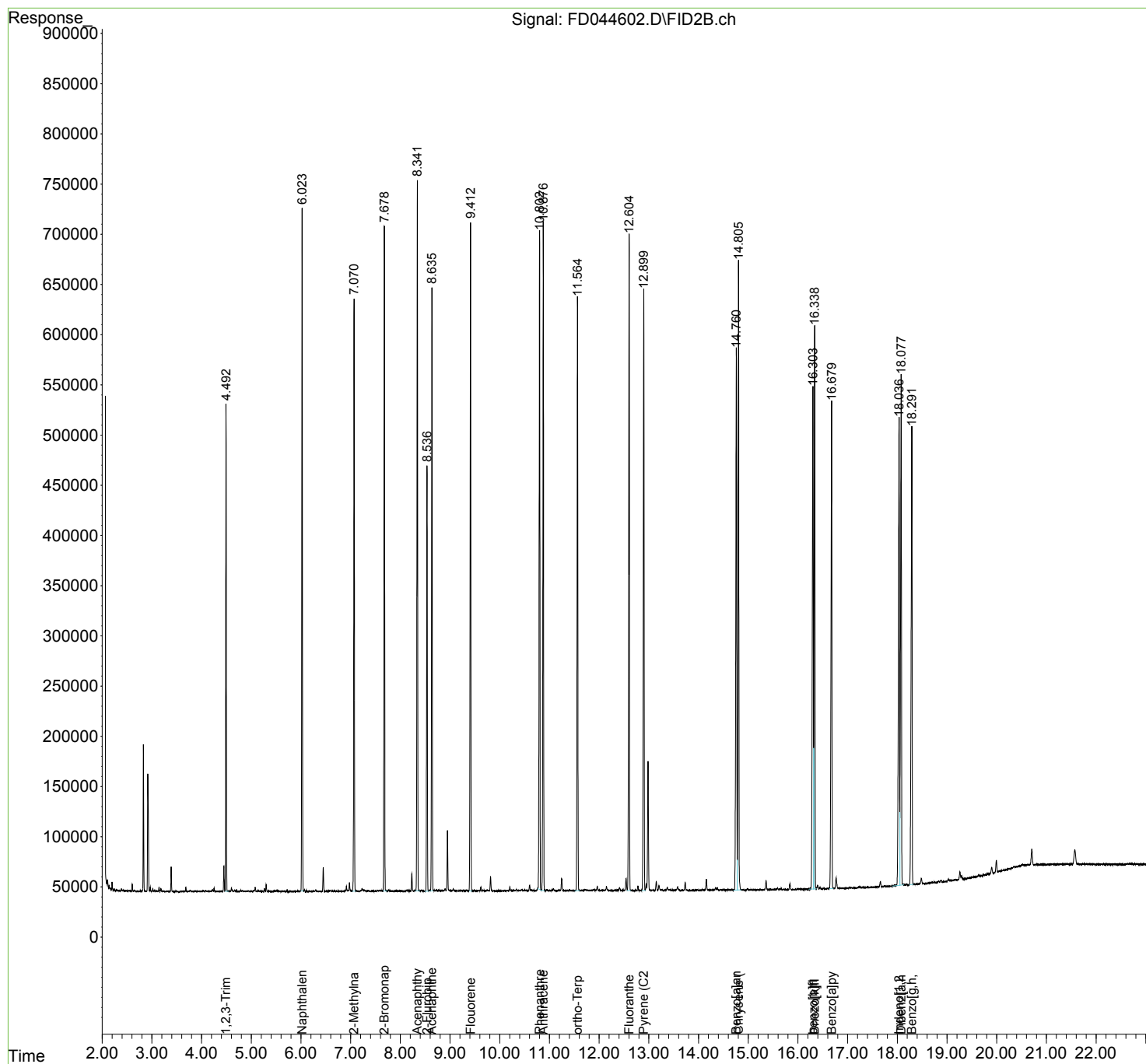
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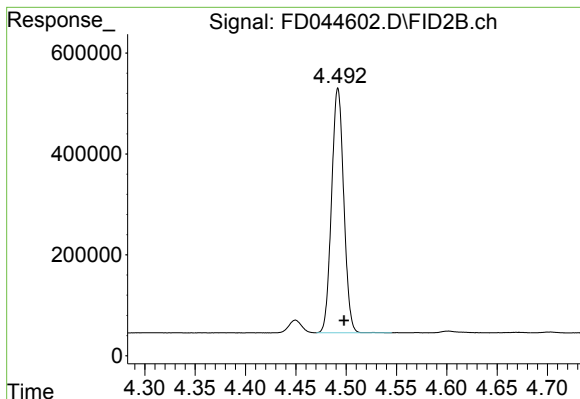
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.492 min
Delta R.T.: -0.006 min
Response: 4078320
Conc: 28.58 ug/ml

Instrument :

FID_D

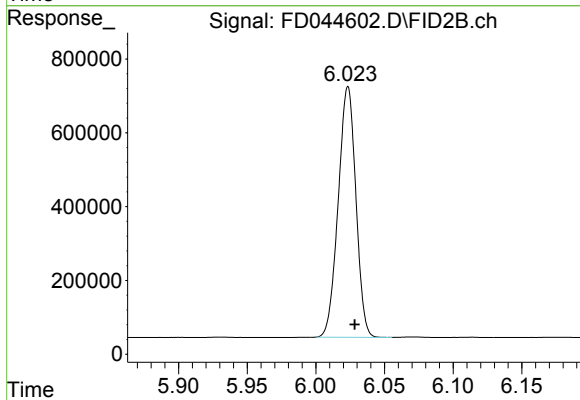
ClientSampleId :

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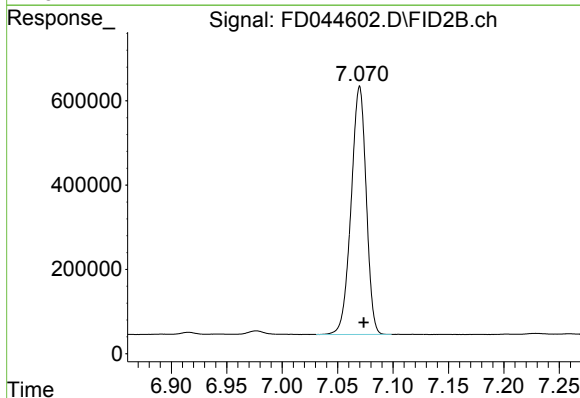
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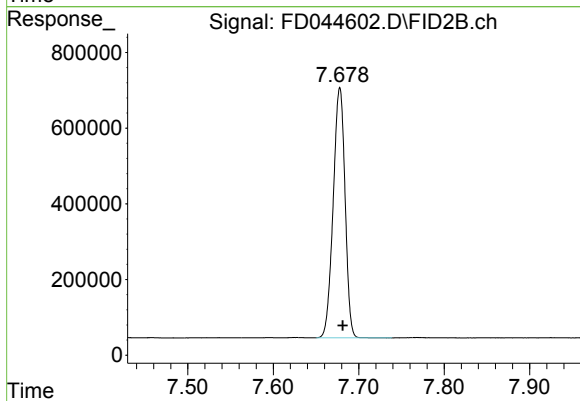
#2 Naphthalene (C11.7)

R.T.: 6.023 min
Delta R.T.: -0.005 min
Response: 6076764
Conc: 40.42 ug/ml



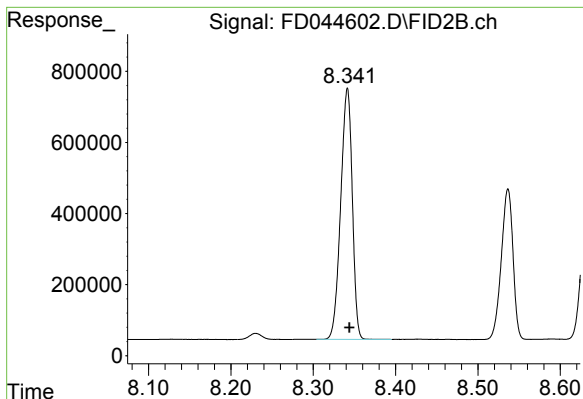
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.070 min
Delta R.T.: -0.004 min
Response: 5578109
Conc: 36.92 ug/ml m



#4 2-Bromonaphthalene (SURR)

R.T.: 7.678 min
Delta R.T.: -0.004 min
Response: 6375493
Conc: 49.13 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.341 min
Delta R.T.: -0.002 min
Response: 6897949
Conc: 49.62 ug/ml

Instrument :

FID_D

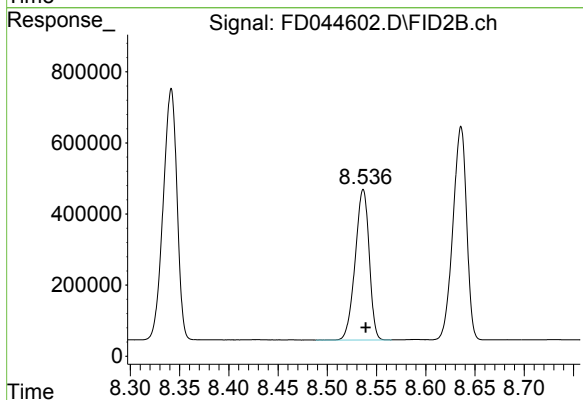
ClientSampleId :

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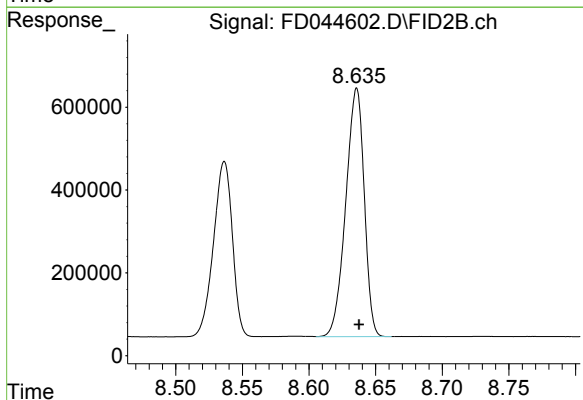
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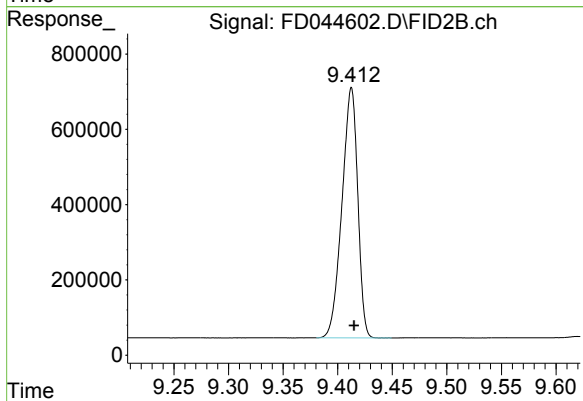
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.536 min
Delta R.T.: -0.003 min
Response: 4179579
Conc: 47.32 ug/ml



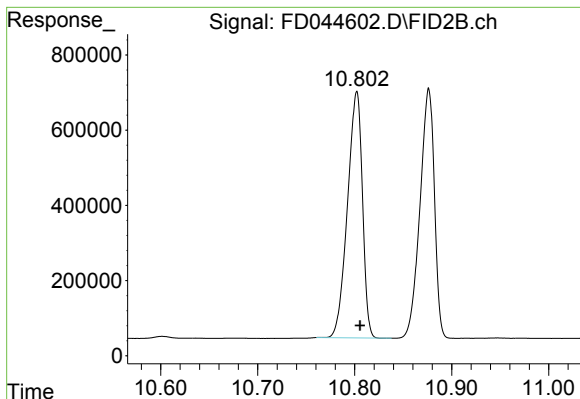
#7 Acenaphthene (C15.5)

R.T.: 8.636 min
Delta R.T.: -0.002 min
Response: 5788911
Conc: 39.45 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.412 min
Delta R.T.: -0.003 min
Response: 6685889
Conc: 46.37 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.802 min
Delta R.T.: -0.004 min
Response: 7028325
Conc: 49.29 ug/ml

Instrument :

FID_D

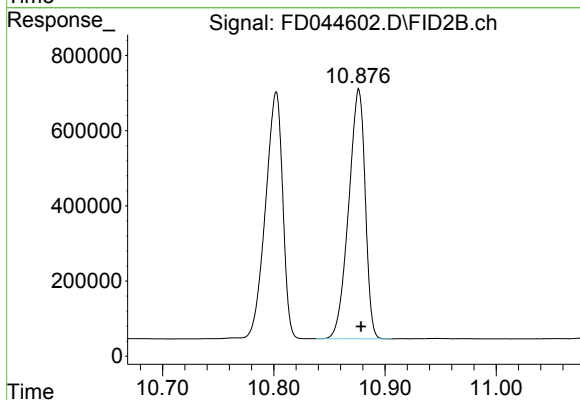
ClientSampleId :

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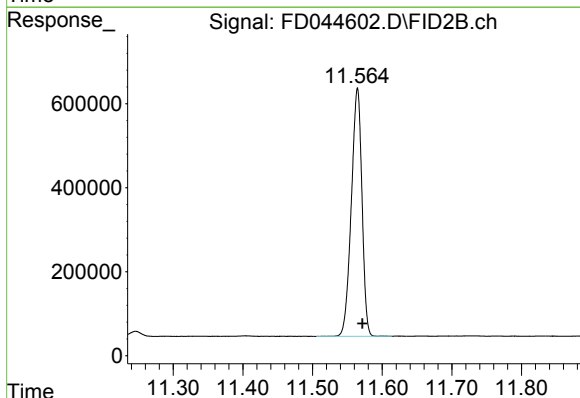
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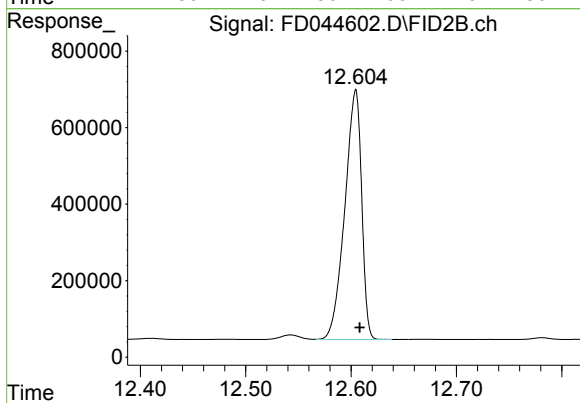
#10 Anthracene (C19.43)

R.T.: 10.876 min
Delta R.T.: -0.002 min
Response: 6875049
Conc: 49.48 ug/ml



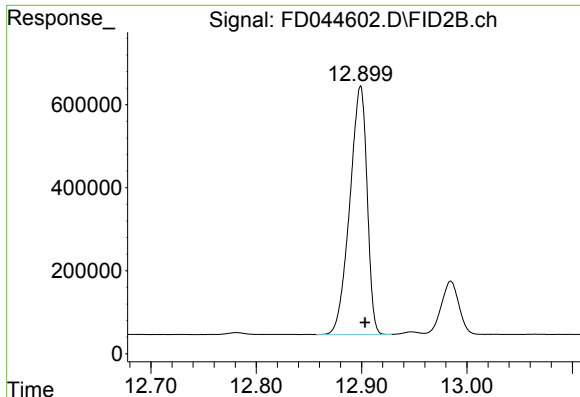
#11 ortho-Terphenyl (SURR)

R.T.: 11.564 min
Delta R.T.: -0.007 min
Response: 6262415
Conc: 38.48 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.604 min
Delta R.T.: -0.004 min
Response: 7234933
Conc: 50.75 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.899 min
Delta R.T.: -0.005 min
Response: 6838083
Conc: 49.14 ug/ml

Instrument :

FID_D

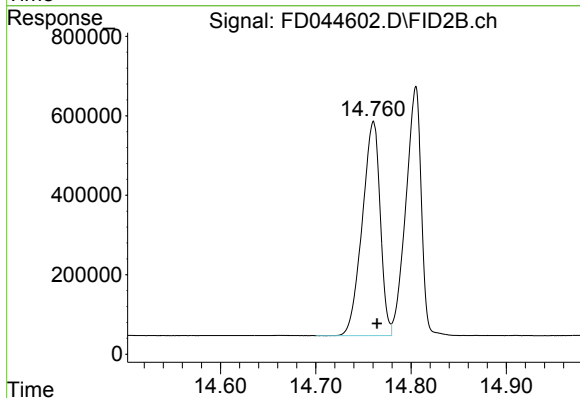
ClientSampleId :

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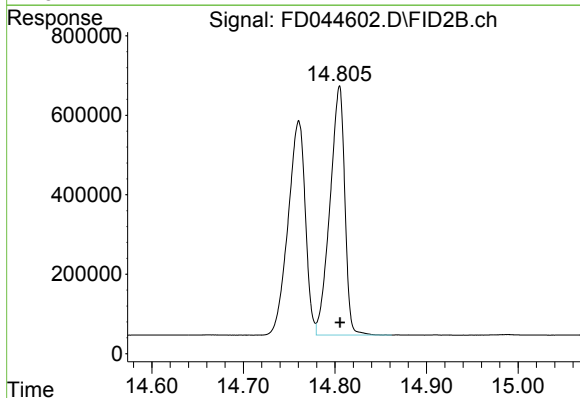
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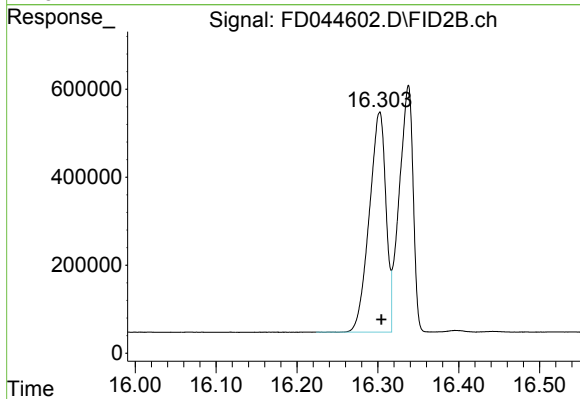
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.760 min
Delta R.T.: -0.004 min
Response: 7056346
Conc: 54.54 ug/ml



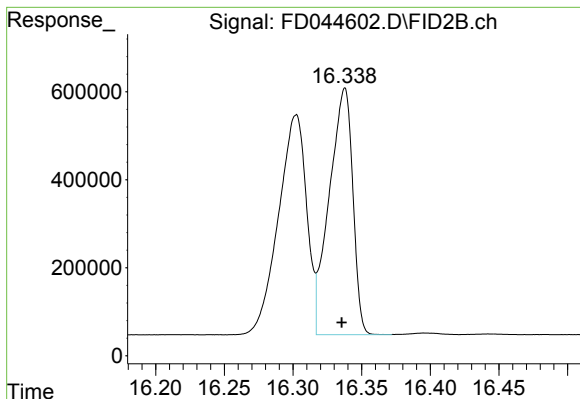
#15 Chrysene (C27.41)

R.T.: 14.804 min
Delta R.T.: -0.001 min
Response: 7036494
Conc: 52.19 ug/ml



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

R.T.: 16.302 min
Delta R.T.: -0.003 min
Response: 7148209
Conc: 54.31 ug/ml



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

R.T.: 16.337 min
Delta R.T.: 0.002 min
Response: 6682840
Conc: 51.32 ug/ml

Instrument :

FID_D

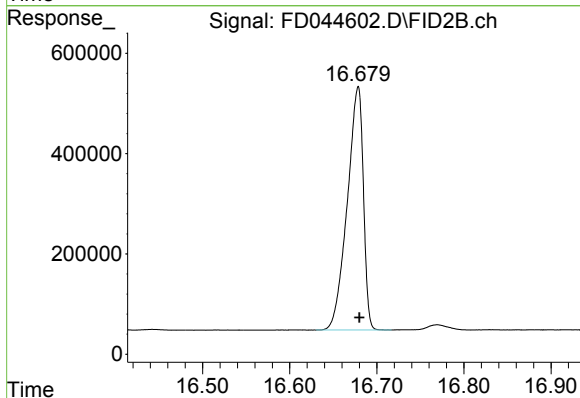
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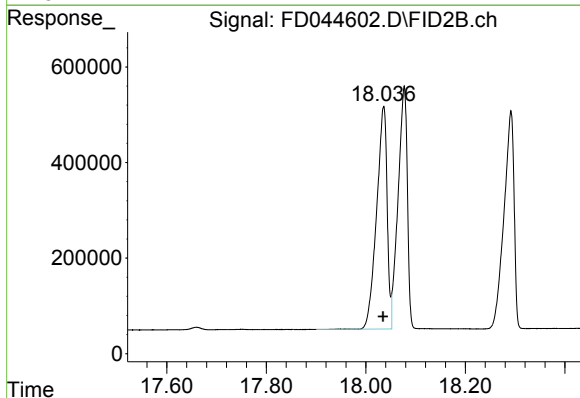
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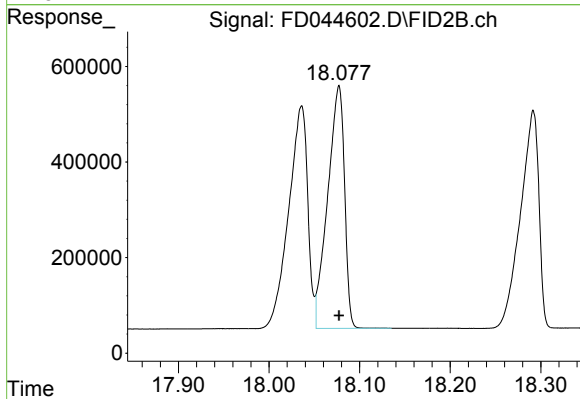
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.678 min
Delta R.T.: -0.002 min
Response: 6223045
Conc: 48.15 ug/ml



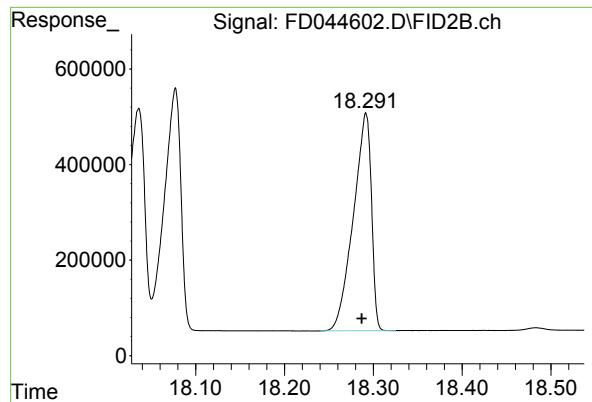
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.035 min
Delta R.T.: 0.000 min
Response: 6875854
Conc: 53.95 ug/ml



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

R.T.: 18.077 min
Delta R.T.: 0.000 min
Response: 6549684
Conc: 52.05 ug/ml



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

R.T.: 18.291 min
Delta R.T.: 0.004 min
Response: 6435117
Conc: 50.03 ug/ml

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