

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071922AR\
 Data File : FD043271.D
 Signal(s) : FID2B.ch
 Acq On : 19 Jul 2022 19:35
 Operator : YP/AJ
 Sample : N3664-03MSD
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 T-3MSD

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 07/20/2022
 Supervised By :mohammad ahmed 07/20/2022

Integration File: autoint1.e
 Quant Time: Jul 20 03:35:37 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...	7.622	6331373	41.004 ug/ml
Spiked Amount 50.000		Recovery =	82.01%
6) S 2-Fluorobiphenyl (SURR)	8.486	4181791	39.647 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	79.29%
11) S ortho-Terphenyl (SURR)	11.536	10885592	59.893 ug/ml
Spiked Amount 50.000		Recovery =	119.79%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.415	4728834	28.156 ug/mlm
2) T Naphthalene (C11.7)	5.956	5256418	30.024 ug/ml
3) T 2-Methylnaphthalene (...)	7.010	5380147	33.449 ug/ml
5) T Acenaphthylene (C15.06)	8.288	5479377	30.827 ug/ml
7) T Acenaphthene (C15.5)	8.585	5941455	33.929 ug/ml
8) T Flouorene (C16.55)	9.367	6070319	35.020 ug/ml
9) T Phenanthrene (C19.36)	10.765	6288349	36.664 ug/ml
10) T Anthracene (C19.43)	10.840	6267334	36.890 ug/ml
12) T Fluoranthene (C21.85)	12.579	6332601	37.758 ug/ml
13) T Pyrene (C20.8)	12.876	6335831	38.878 ug/mlm
14) T Benzo[a]anthracene (C...	14.750	5664057	36.472 ug/ml
15) T Chrysene (C27.41)	14.792	6799305	43.080 ug/ml
16) T benzo[b]fluoranthene ...	16.302	5731300	37.598 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.336	5596704	38.239 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.679	4796224	33.532 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.046	4787707	38.260 ug/ml
20) T Dibenz[a,h]anthracene...	18.083	4728555	35.173 ug/ml
21) T Benzo[g,h,i]perylene ...	18.301	5022240	38.505 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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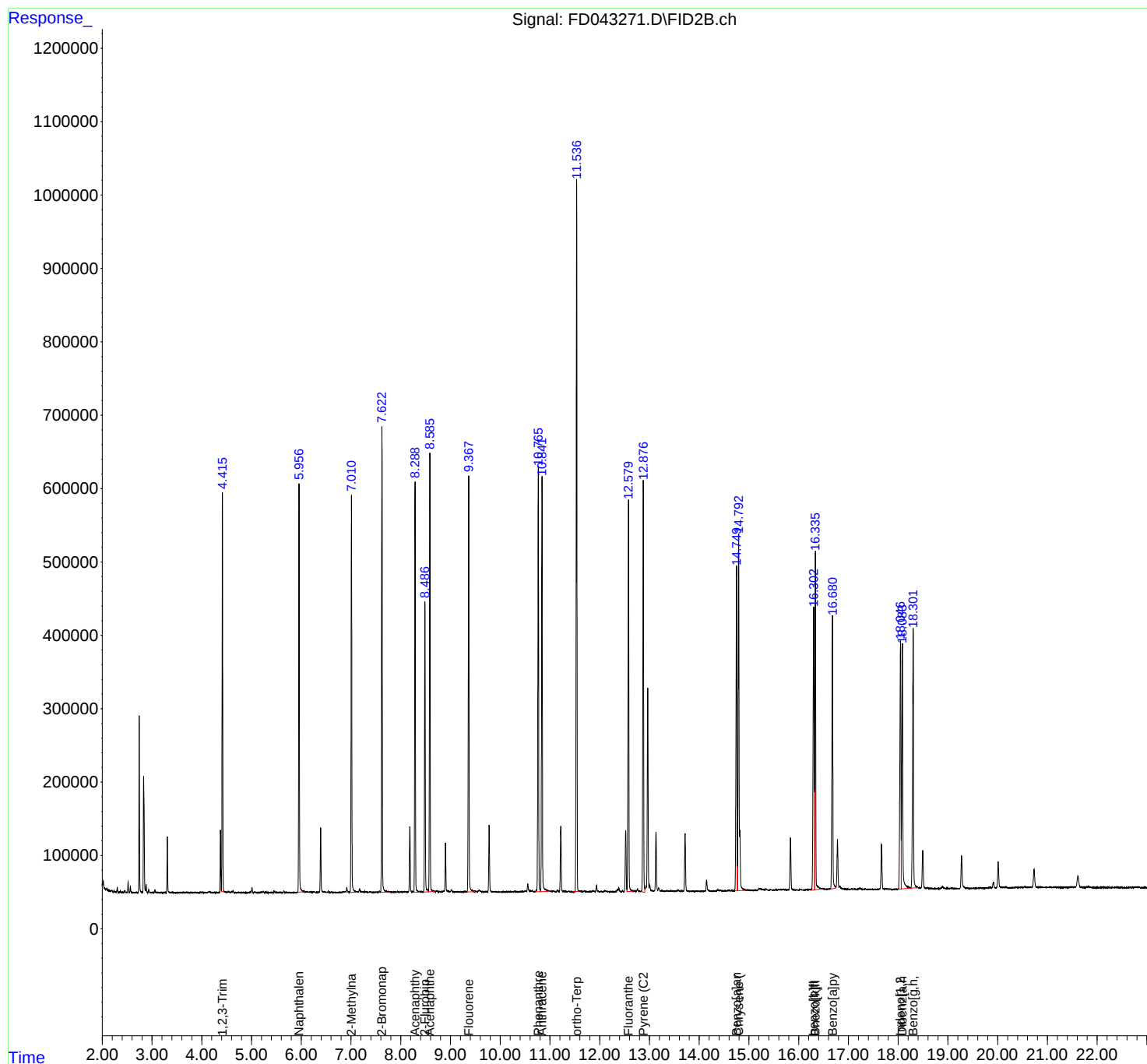
Instrument :
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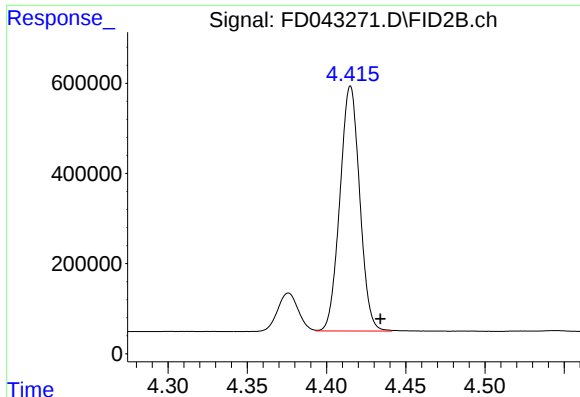
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.415 min
Delta R.T.: -0.019 min
Response: 4728834
Conc: 28.16 ug/ml

Instrument :

FID_D

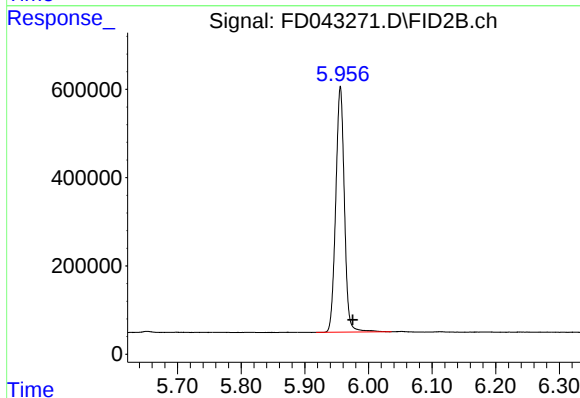
ClientSampleId :

T-3MSD

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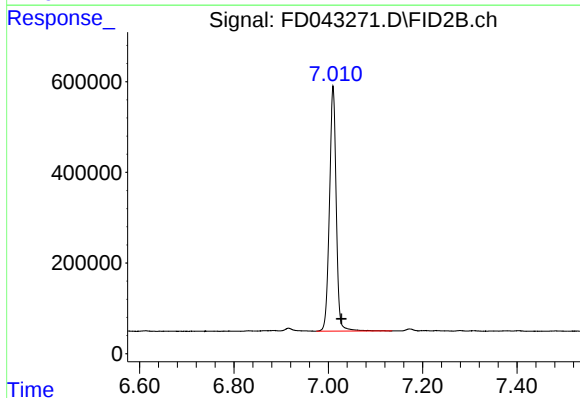
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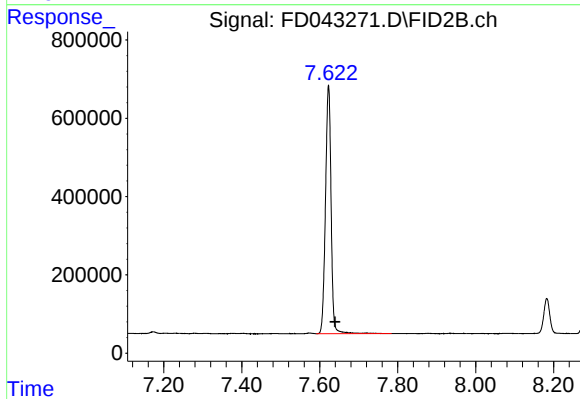
#2 Naphthalene (C11.7)

R.T.: 5.956 min
Delta R.T.: -0.019 min
Response: 5256418
Conc: 30.02 ug/ml



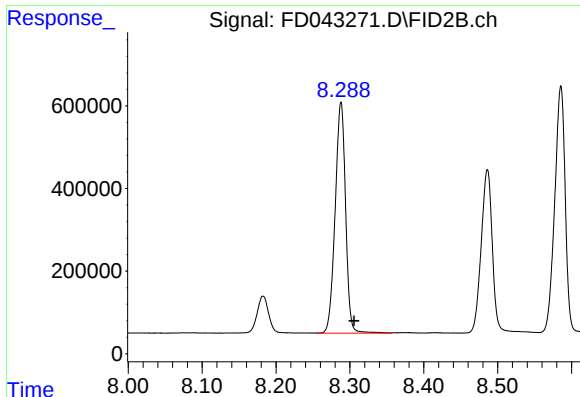
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.010 min
Delta R.T.: -0.018 min
Response: 5380147
Conc: 33.45 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.622 min
Delta R.T.: -0.017 min
Response: 6331373
Conc: 41.00 ug/ml



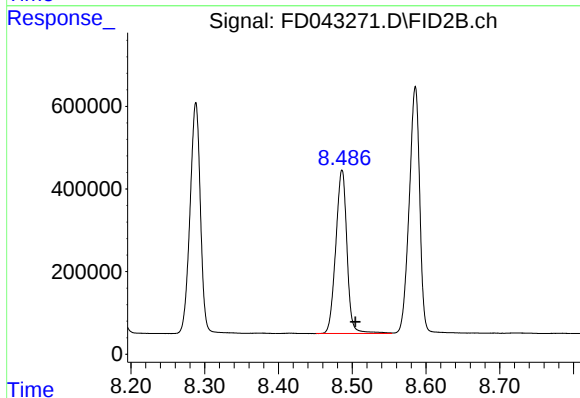
#5 Acenaphthylene (C15.06)

R.T.: 8.288 min
Delta R.T.: -0.018 min
Response: 5479377
Conc: 30.83 ug/ml

Instrument :
FID_D
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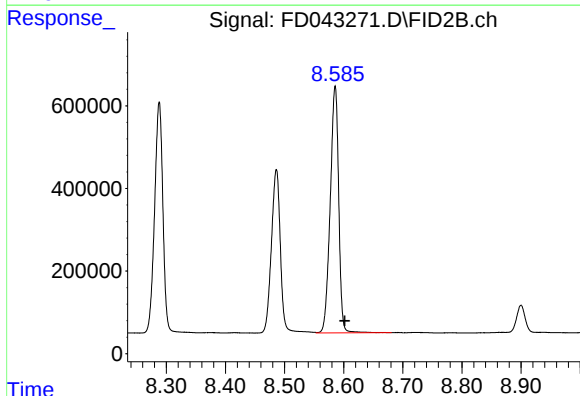
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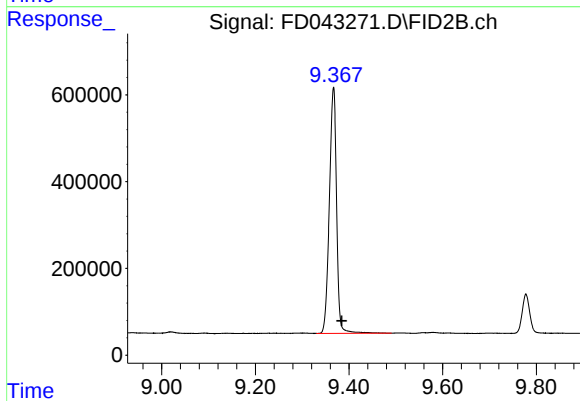
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.486 min
Delta R.T.: -0.018 min
Response: 4181791
Conc: 39.65 ug/ml



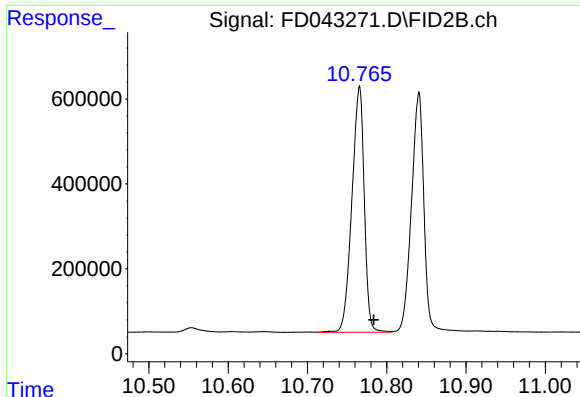
#7 Acenaphthene (C15.5)

R.T.: 8.585 min
Delta R.T.: -0.016 min
Response: 5941455
Conc: 33.93 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.367 min
Delta R.T.: -0.018 min
Response: 6070319
Conc: 35.02 ug/ml



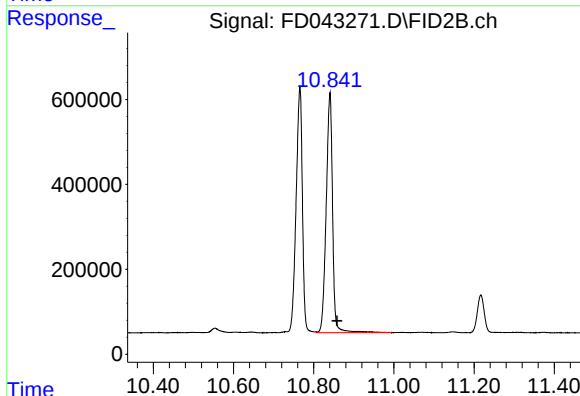
#9 Phenanthrene (C19.36)

R.T.: 10.765 min
Delta R.T.: -0.019 min
Response: 6288349
Conc: 36.66 ug/ml

Instrument :
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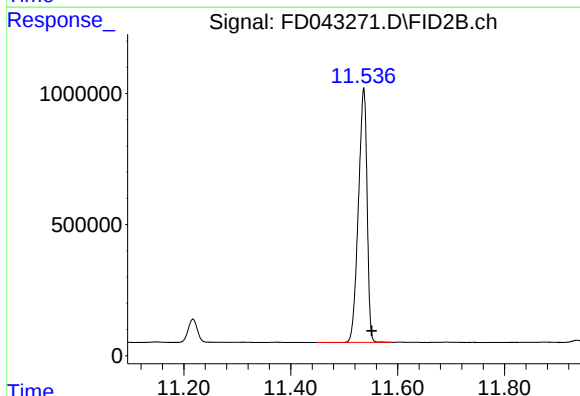
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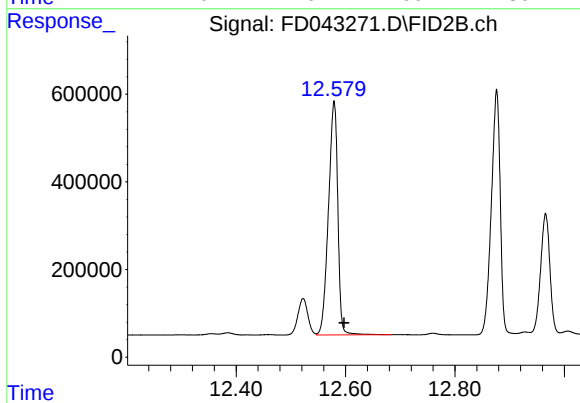
#10 Anthracene (C19.43)

R.T.: 10.840 min
Delta R.T.: -0.018 min
Response: 6267334
Conc: 36.89 ug/ml



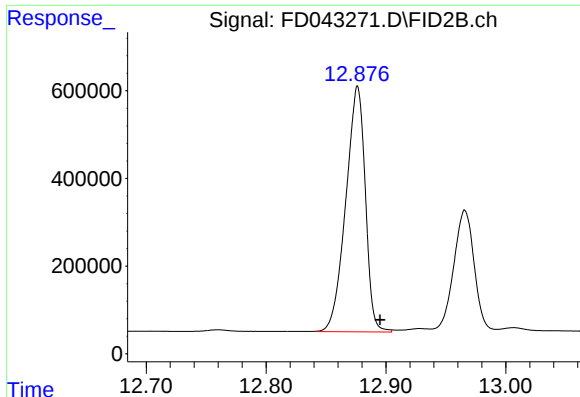
#11 ortho-Terphenyl (SURR)

R.T.: 11.536 min
Delta R.T.: -0.015 min
Response: 10885592
Conc: 59.89 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.579 min
Delta R.T.: -0.019 min
Response: 6332601
Conc: 37.76 ug/ml



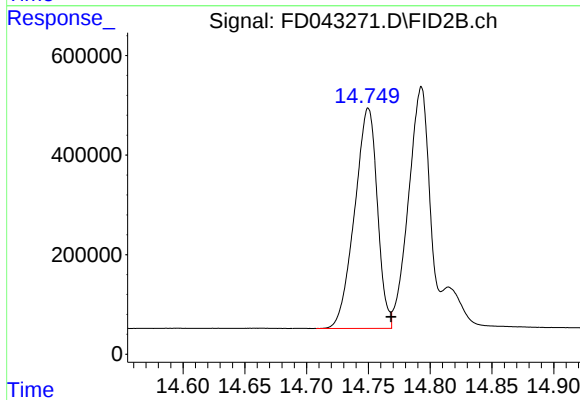
#13 Pyrene (C20.8)

R.T.: 12.876 min
Delta R.T.: -0.019 min
Response: 6335831
Conc: 38.88 ug/ml

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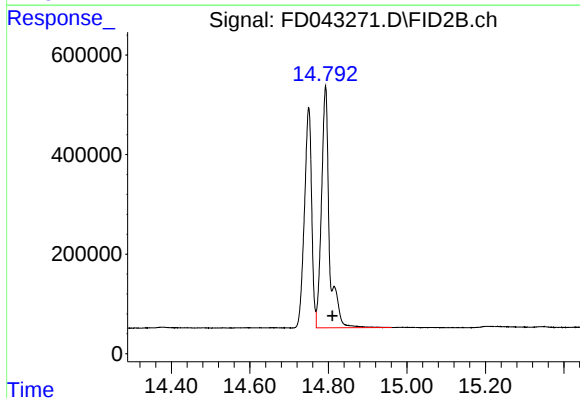
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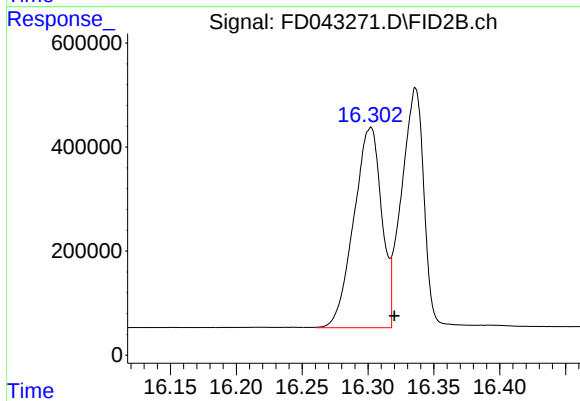
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.750 min
Delta R.T.: -0.019 min
Response: 5664057
Conc: 36.47 ug/ml



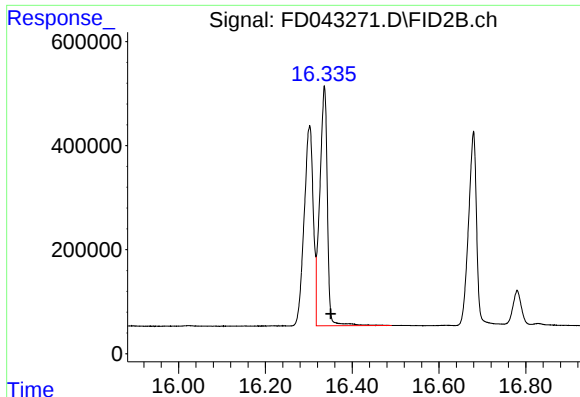
#15 Chrysene (C27.41)

R.T.: 14.792 min
Delta R.T.: -0.017 min
Response: 6799305
Conc: 43.08 ug/ml



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

R.T.: 16.302 min
Delta R.T.: -0.018 min
Response: 5731300
Conc: 37.60 ug/ml m



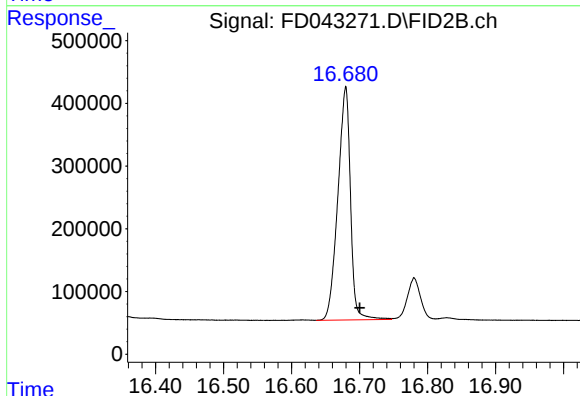
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.336 min
Delta R.T.: -0.015 min
Response: 5596704
Conc: 38.24 ug/ml

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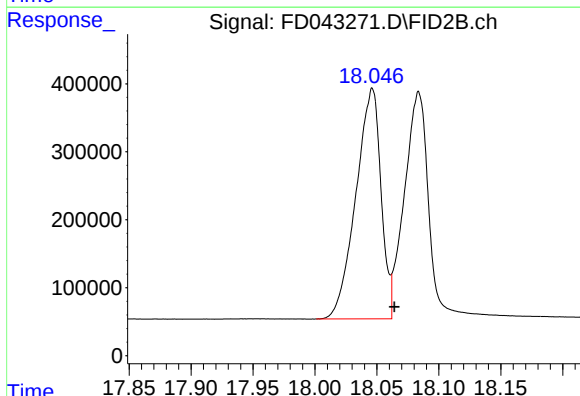
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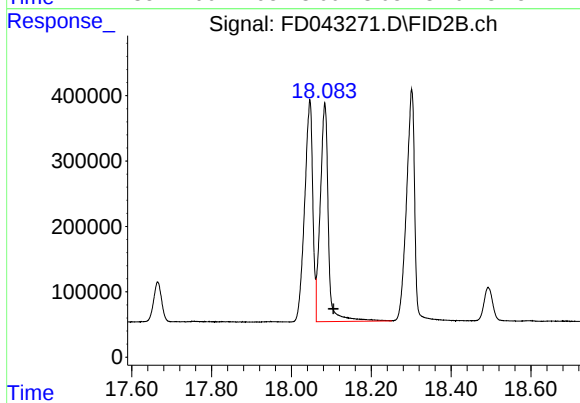
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.679 min
Delta R.T.: -0.021 min
Response: 4796224
Conc: 33.53 ug/ml



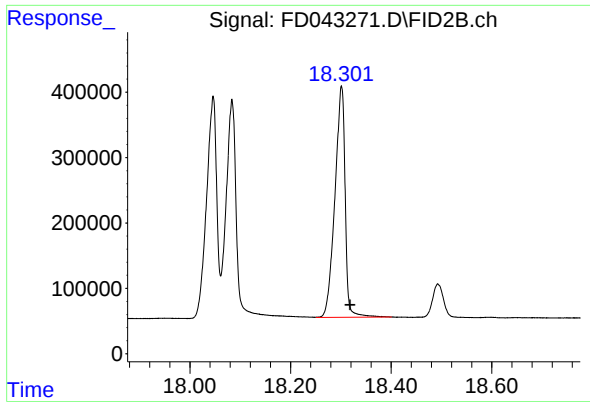
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.046 min
Delta R.T.: -0.019 min
Response: 4787707
Conc: 38.26 ug/ml



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

R.T.: 18.083 min
Delta R.T.: -0.021 min
Response: 4728555
Conc: 35.17 ug/ml



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

R.T.: 18.301 min
Delta R.T.: -0.017 min
Response: 5022240
Conc: 38.51 ug/ml

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