

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD081722AR\
 Data File : FD043626.D
 Signal(s) : FID2B.ch
 Acq On : 17 Aug 2022 14:05
 Operator : YP/AJ
 Sample : 20 PPM AROMATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20 PPM AROMATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/18/2022
 Supervised By :Ankita Jodhani 08/18/2022

Integration File: sample.E
 Quant Time: Aug 17 23:38:00 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...	7.608	3071155	21.712 ug/ml
Spiked Amount 50.000		Recovery =	43.42%
6) S 2-Fluorobiphenyl (SURR)	8.471	1992711	20.961 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.92%
11) S ortho-Terphenyl (SURR)	11.516	3378103	19.931 ug/ml
Spiked Amount 50.000		Recovery =	39.86%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.404	3590389	22.892 ug/ml
2) T Naphthalene (C11.7)	5.943	3561183	22.025 ug/ml
3) T 2-Methylnaphthalene (...)	6.997	3205349	21.891 ug/ml
5) T Acenaphthylene (C15.06)	8.273	3379346	20.817 ug/ml
7) T Acenaphthene (C15.5)	8.569	3414440	21.120 ug/ml
8) T Flouorene (C16.55)	9.352	3247912	20.727 ug/ml
9) T Phenanthrene (C19.36)	10.749	3105677	19.816 ug/ml
10) T Anthracene (C19.43)	10.823	2944888	19.121 ug/ml
12) T Fluoranthene (C21.85)	12.562	3001016	18.948 ug/ml
13) T Pyrene (C20.8)	12.859	2923874	18.605 ug/ml
14) T Benzo[a]anthracene (C...	14.733	2860047	19.386 ug/ml
15) T Chrysene (C27.41)	14.775	2988855	19.127 ug/ml
16) T benzo[b]fluoranthene ...	16.286	3043012	20.343 ug/ml
17) T Bnezo[k]fluoranthene ...	16.317	3010591	20.063 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.665	2936902	20.778 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.032	2598443	21.986 ug/mlm
20) T Dibenz[a,h]anthracene...	18.070	3055102	21.539 ug/ml
21) T Benzo[g,h,i]perylene ...	18.286	2917355	22.434 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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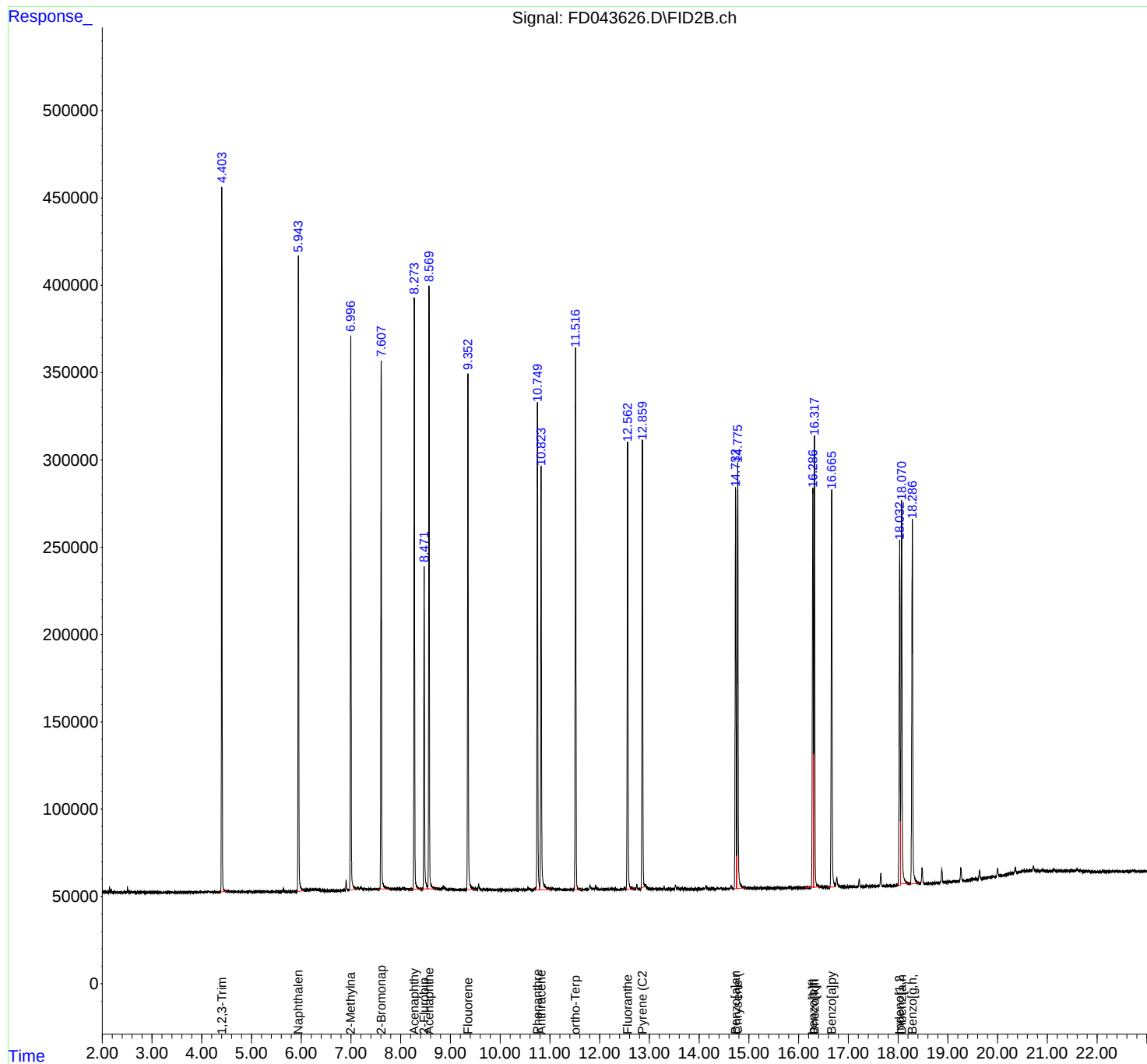
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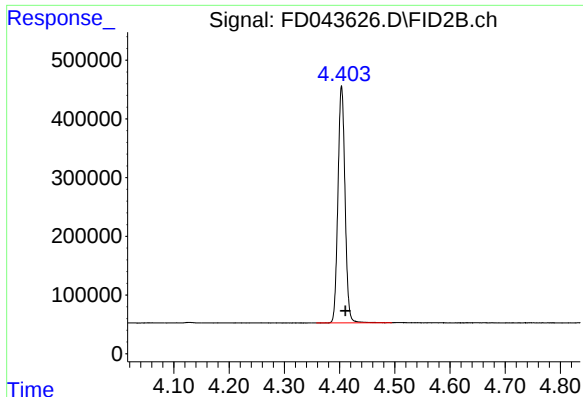
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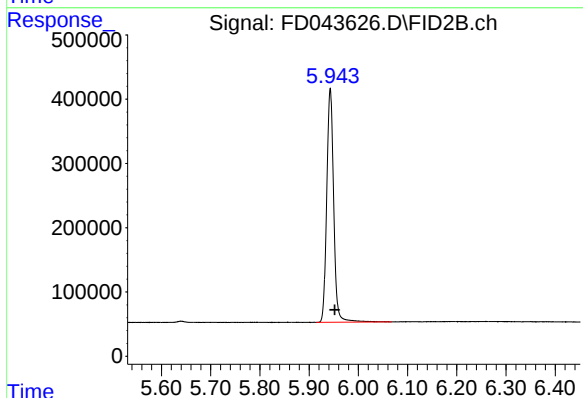
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.404 min
Delta R.T.: -0.007 min
Response: 3590389
Conc: 22.89 ug/ml

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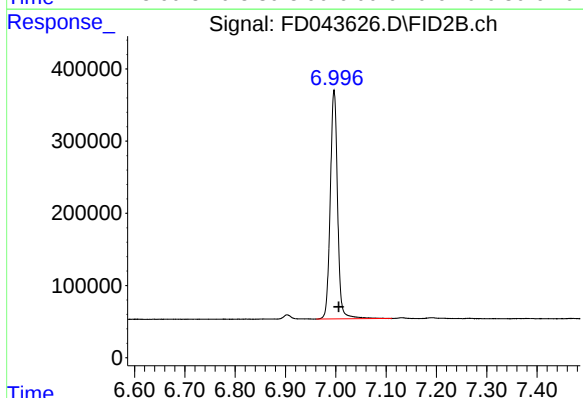
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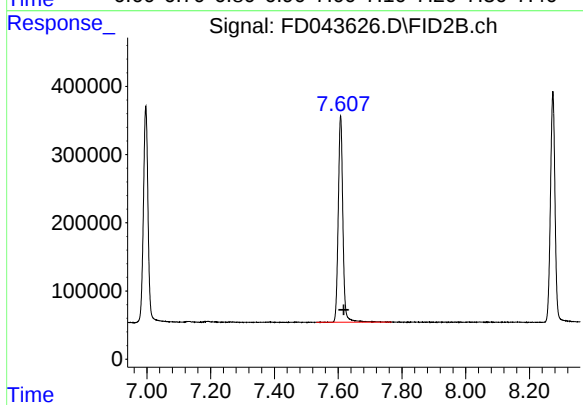
#2 Naphthalene (C11.7)

R.T.: 5.943 min
Delta R.T.: -0.009 min
Response: 3561183
Conc: 22.02 ug/ml



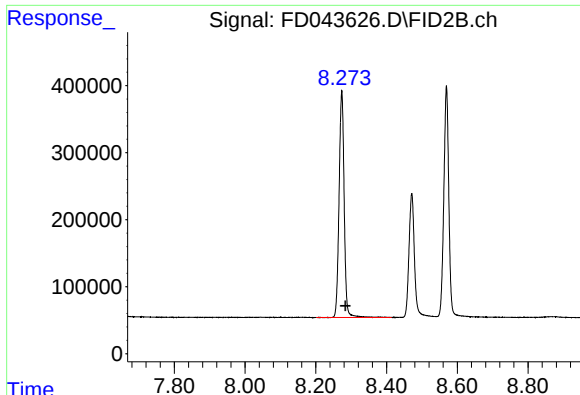
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.997 min
Delta R.T.: -0.009 min
Response: 3205349
Conc: 21.89 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.608 min
Delta R.T.: -0.010 min
Response: 3071155
Conc: 21.71 ug/ml



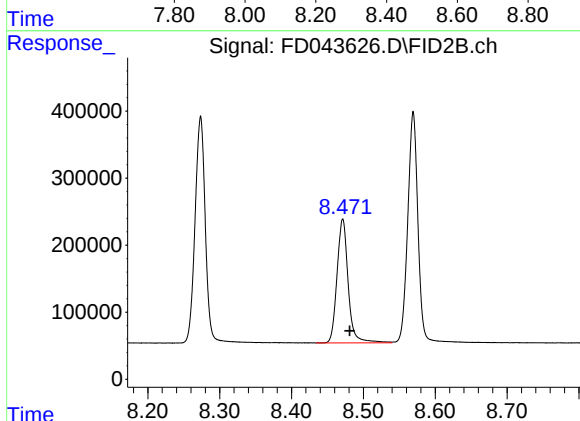
#5 Acenaphthylene (C15.06)

R.T.: 8.273 min
Delta R.T.: -0.010 min
Response: 3379346
Conc: 20.82 ug/ml

Instrument :
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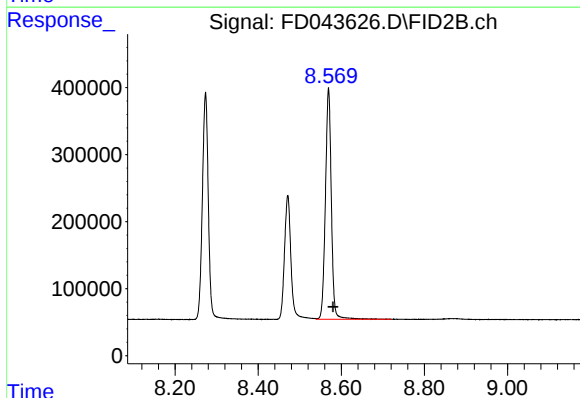
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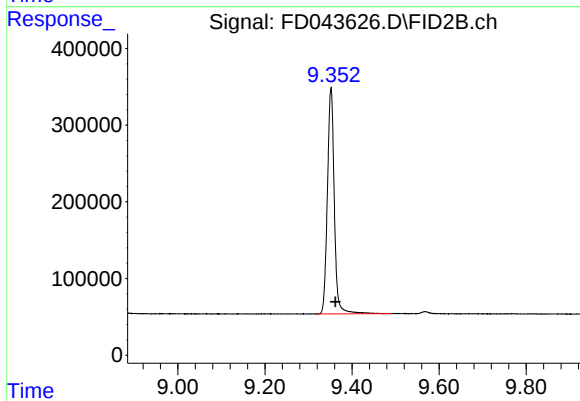
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.471 min
Delta R.T.: -0.010 min
Response: 1992711
Conc: 20.96 ug/ml



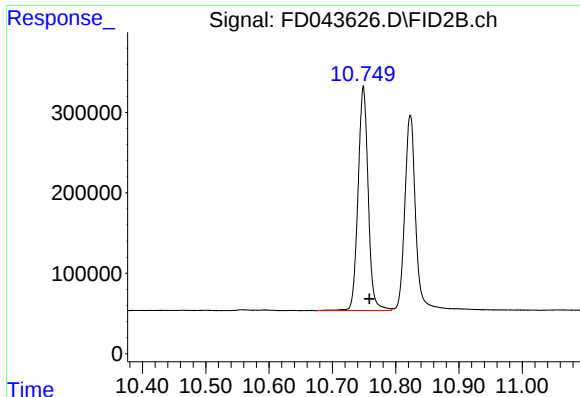
#7 Acenaphthene (C15.5)

R.T.: 8.569 min
Delta R.T.: -0.010 min
Response: 3414440
Conc: 21.12 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.352 min
Delta R.T.: -0.010 min
Response: 3247912
Conc: 20.73 ug/ml



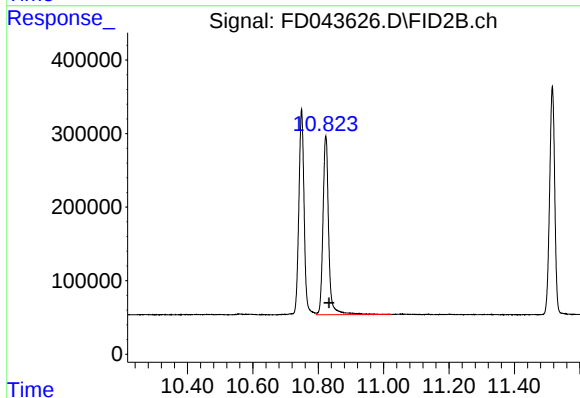
#9 Phenanthrene (C19.36)

R.T.: 10.749 min
Delta R.T.: -0.010 min
Response: 3105677
Conc: 19.82 ug/ml

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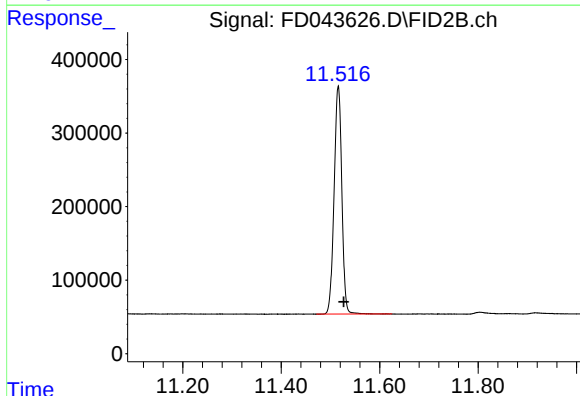
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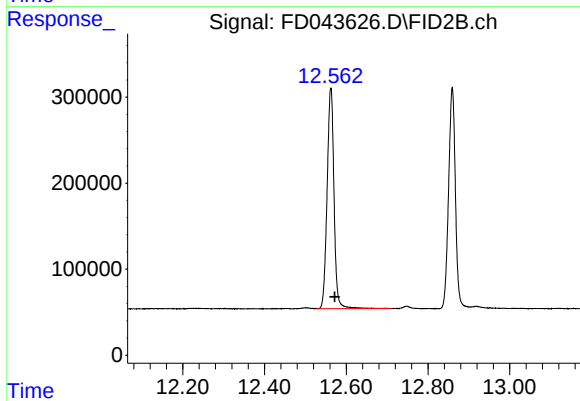
#10 Anthracene (C19.43)

R.T.: 10.823 min
Delta R.T.: -0.010 min
Response: 2944888
Conc: 19.12 ug/ml



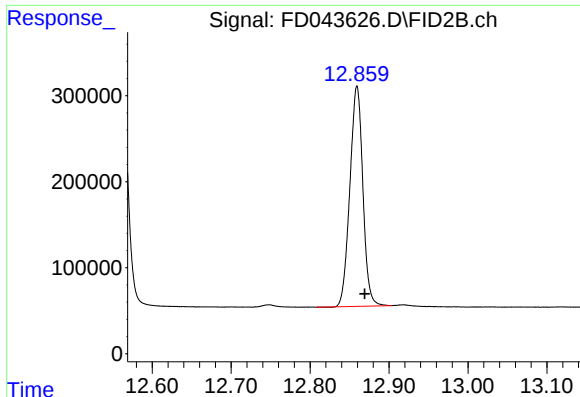
#11 ortho-Terphenyl (SURR)

R.T.: 11.516 min
Delta R.T.: -0.011 min
Response: 3378103
Conc: 19.93 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.562 min
Delta R.T.: -0.010 min
Response: 3001016
Conc: 18.95 ug/ml



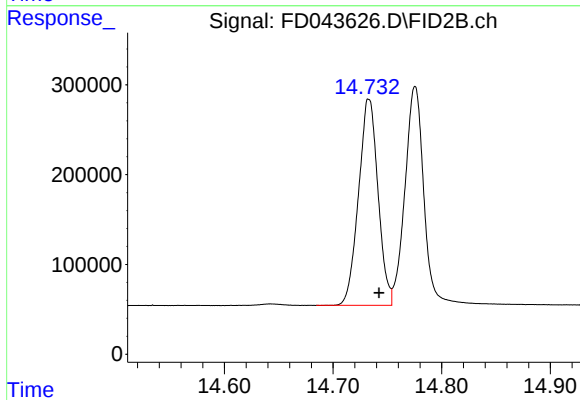
#13 Pyrene (C20.8)

R.T.: 12.859 min
Delta R.T.: -0.010 min
Response: 2923874
Conc: 18.60 ug/ml

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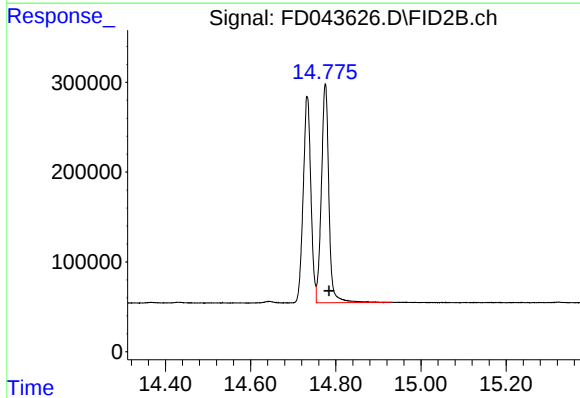
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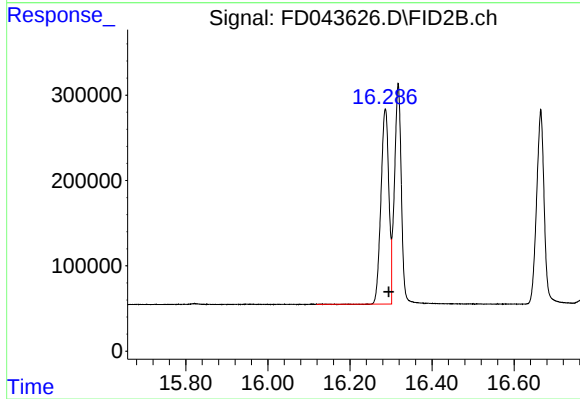
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.733 min
Delta R.T.: -0.009 min
Response: 2860047
Conc: 19.39 ug/ml



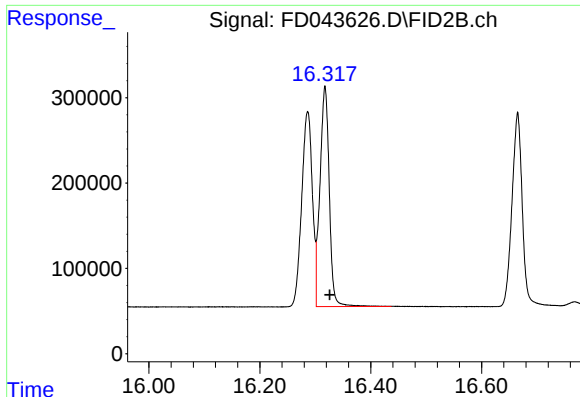
#15 Chrysene (C27.41)

R.T.: 14.775 min
Delta R.T.: -0.009 min
Response: 2988855
Conc: 19.13 ug/ml



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

R.T.: 16.286 min
Delta R.T.: -0.008 min
Response: 3043012
Conc: 20.34 ug/ml



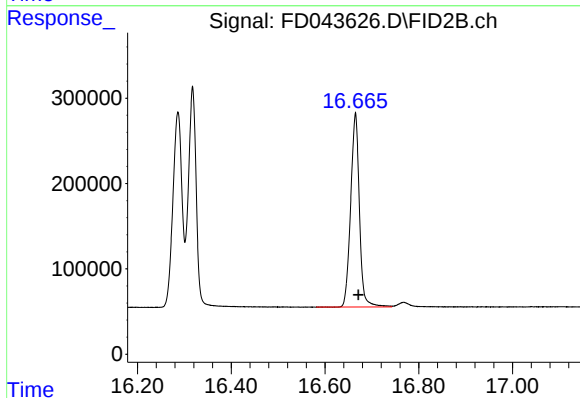
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.317 min
Delta R.T.: -0.009 min
Response: 3010591
Conc: 20.06 ug/ml

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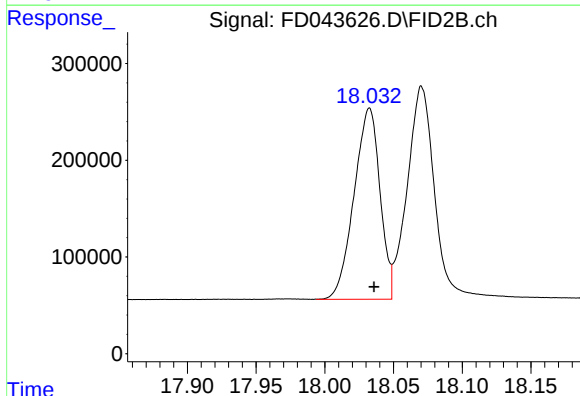
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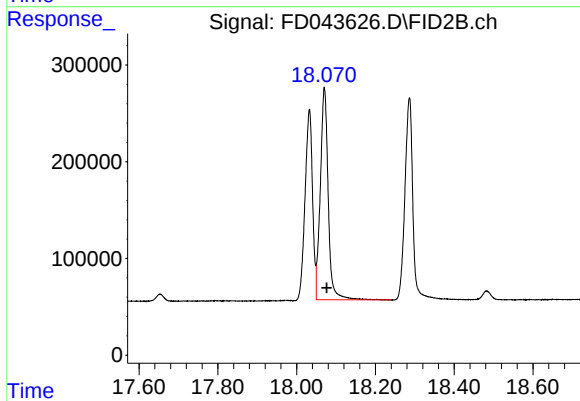
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.665 min
Delta R.T.: -0.007 min
Response: 2936902
Conc: 20.78 ug/ml



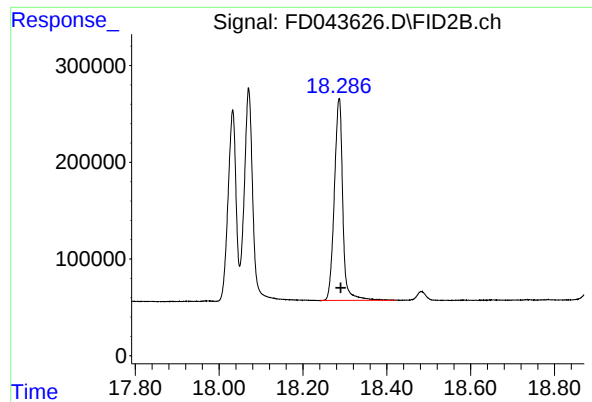
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.032 min
Delta R.T.: -0.004 min
Response: 2598443
Conc: 21.99 ug/ml m



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

R.T.: 18.070 min
Delta R.T.: -0.006 min
Response: 3055102
Conc: 21.54 ug/ml



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

R.T.: 18.286 min
Delta R.T.: -0.004 min
Response: 2917355
Conc: 22.43 ug/ml

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