

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062722AR\
 Data File : FD043081.D
 Signal(s) : FID2B.ch
 Acq On : 28 Jun 2022 07:34
 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 06/28/2022
 Supervised By :Ankita Jodhani 06/28/2022

Integration File: autoint1.e
 Quant Time: Jun 28 08:22:45 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	3225500	20.889 ug/ml
Spiked Amount 50.000		Recovery =	41.78%
6) S 2-Fluorobiphenyl (SURR)	8.495	2174851	20.620 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.24%
11) S ortho-Terphenyl (SURR)	11.538	3635890	20.005 ug/ml
Spiked Amount 50.000		Recovery =	40.01%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.430	3593906	21.399 ug/ml
2) T Naphthalene (C11.7)	5.969	3684381	21.045 ug/ml
3) T 2-Methylnaphthalene (...)	7.022	3371220	20.960 ug/ml
5) T Acenaphthylene (C15.06)	8.299	3608896	20.303 ug/ml
7) T Acenaphthene (C15.5)	8.594	3601959	20.569 ug/ml
8) T Flouorene (C16.55)	9.376	3548689	20.472 ug/ml
9) T Phenanthrene (C19.36)	10.773	3434182	20.023 ug/ml
10) T Anthracene (C19.43)	10.848	3341673	19.669 ug/ml
12) T Fluoranthene (C21.85)	12.585	3231055	19.265 ug/ml
13) T Pyrene (C20.8)	12.882	3135580	19.240 ug/mlm
14) T Benzo[a]anthracene (C...	14.755	2947663	18.981 ug/ml
15) T Chrysene (C27.41)	14.797	2995128	18.977 ug/ml
16) T benzo[b]fluoranthene ...	16.304	3003444	19.703 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.338	2855179	19.508 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.683	2870987	20.072 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	18.048	2674236	21.371 ug/ml
20) T Dibenz[a,h]anthracene...	18.088	2912877	21.667 ug/ml
21) T Benzo[g,h,i]perylene ...	18.304	2831192	21.707 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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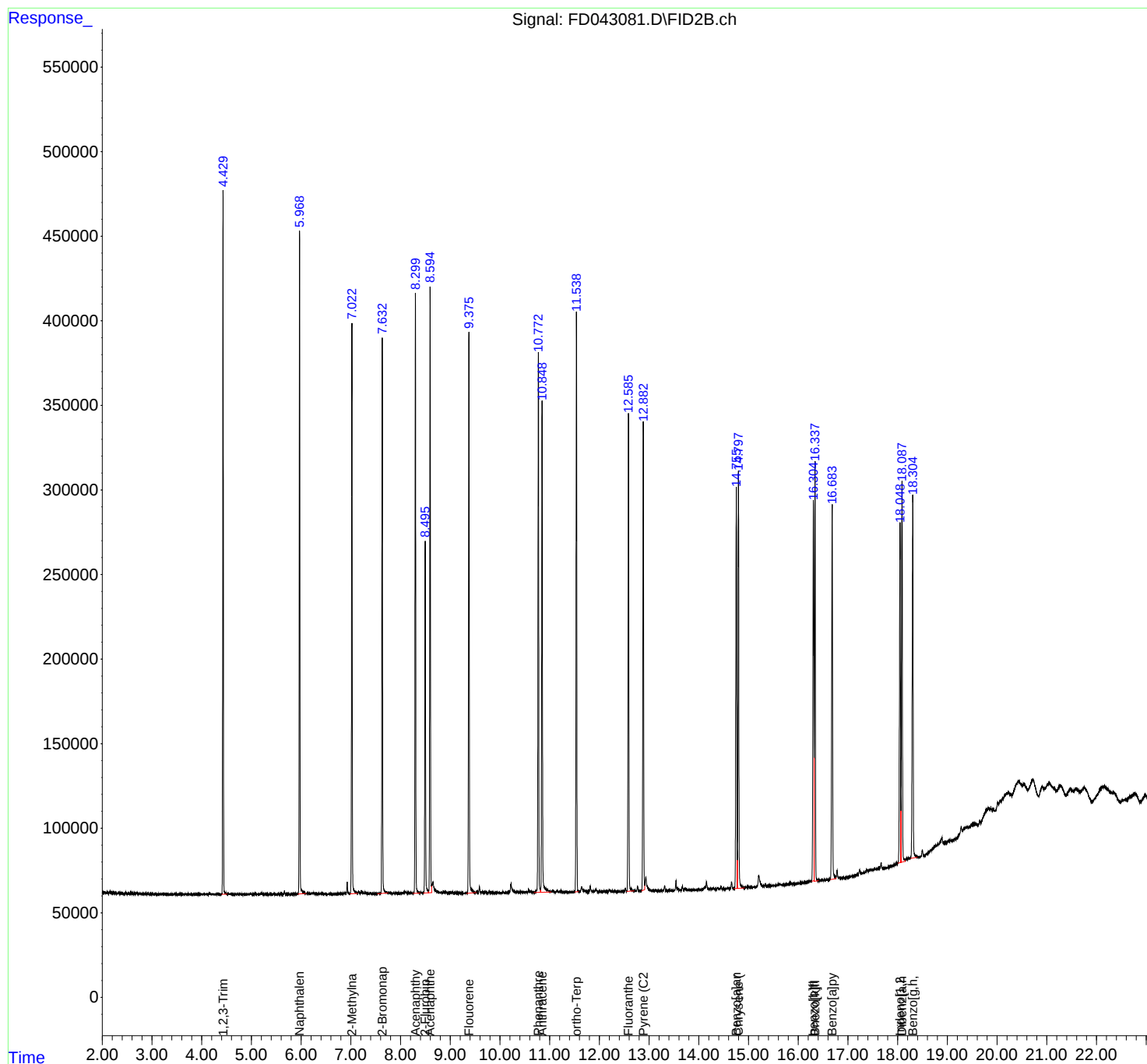
Instrument :
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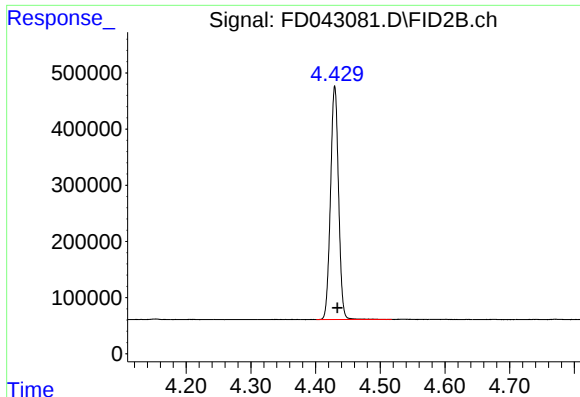
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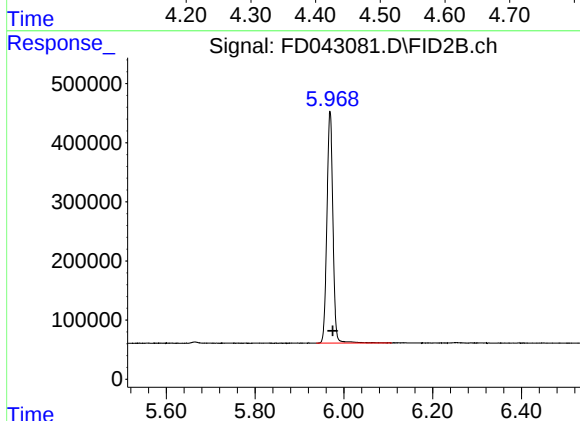
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.430 min
Delta R.T.: -0.004 min
Response: 3593906
Conc: 21.40 ug/ml

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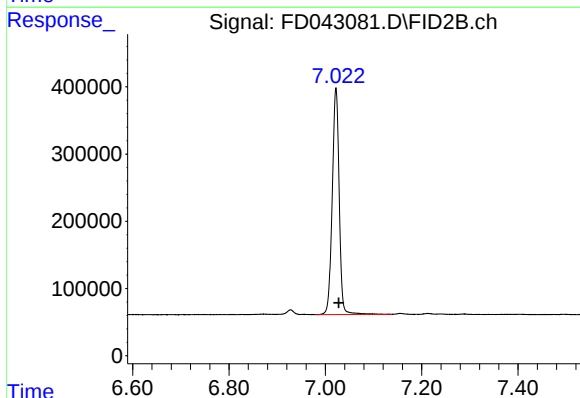
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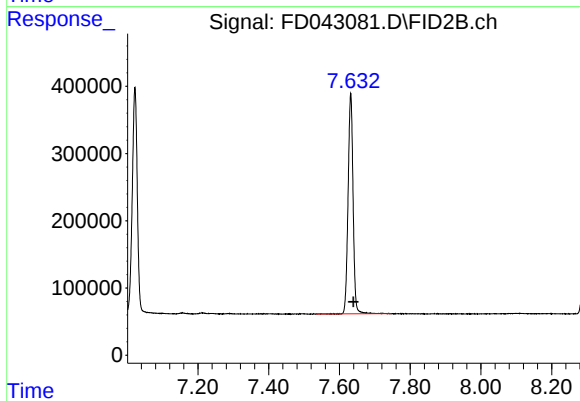
#2 Naphthalene (C11.7)

R.T.: 5.969 min
Delta R.T.: -0.006 min
Response: 3684381
Conc: 21.05 ug/ml



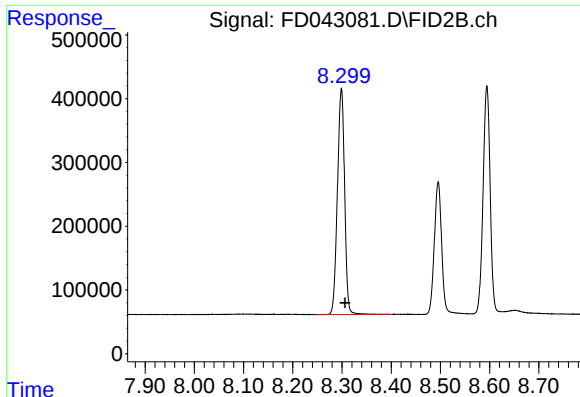
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.022 min
Delta R.T.: -0.006 min
Response: 3371220
Conc: 20.96 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.632 min
Delta R.T.: -0.008 min
Response: 3225500
Conc: 20.89 ug/ml



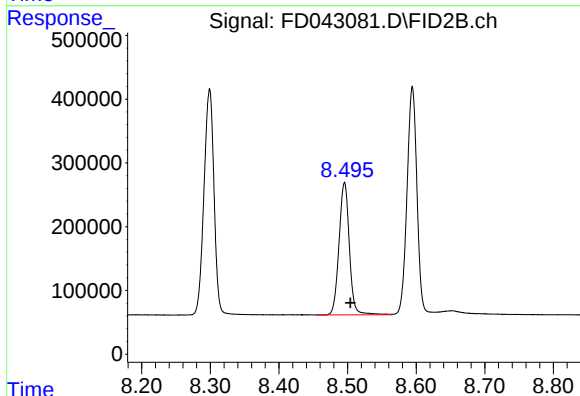
#5 Acenaphthylene (C15.06)

R.T.: 8.299 min
Delta R.T.: -0.007 min
Response: 3608896
Conc: 20.30 ug/ml

Instrument :
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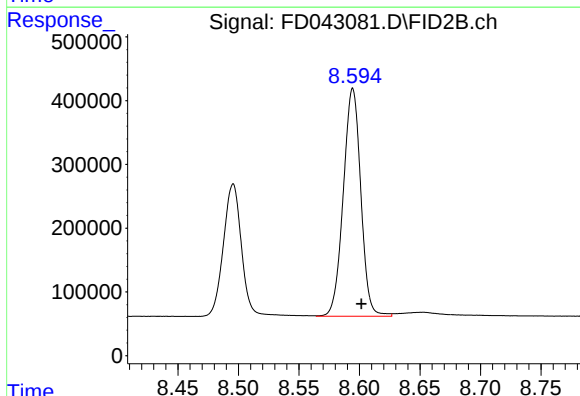
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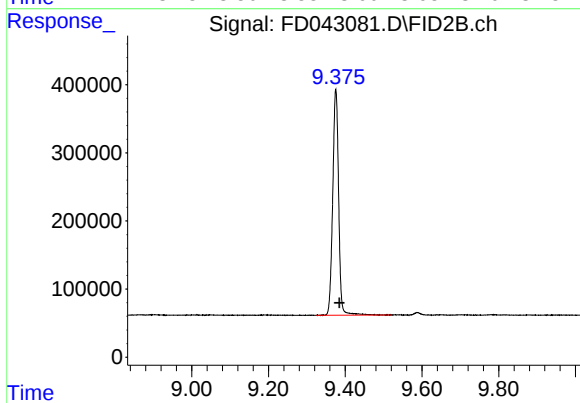
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.495 min
Delta R.T.: -0.009 min
Response: 2174851
Conc: 20.62 ug/ml



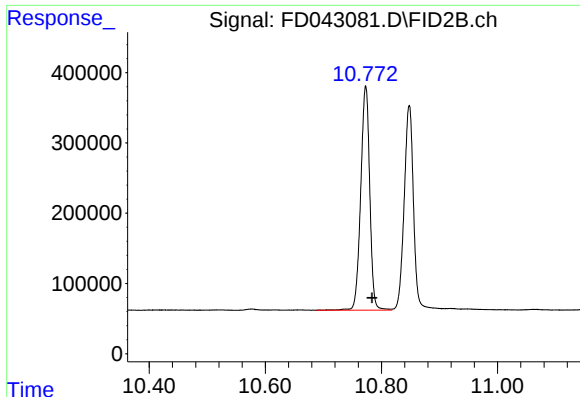
#7 Acenaphthene (C15.5)

R.T.: 8.594 min
Delta R.T.: -0.007 min
Response: 3601959
Conc: 20.57 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.376 min
Delta R.T.: -0.009 min
Response: 3548689
Conc: 20.47 ug/ml



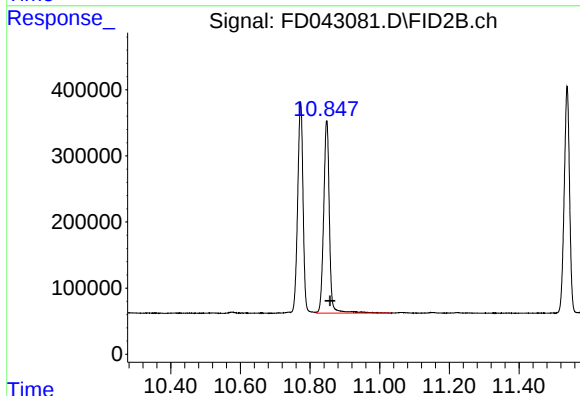
#9 Phenanthrene (C19.36)

R.T.: 10.773 min
Delta R.T.: -0.011 min
Response: 3434182
Conc: 20.02 ug/ml

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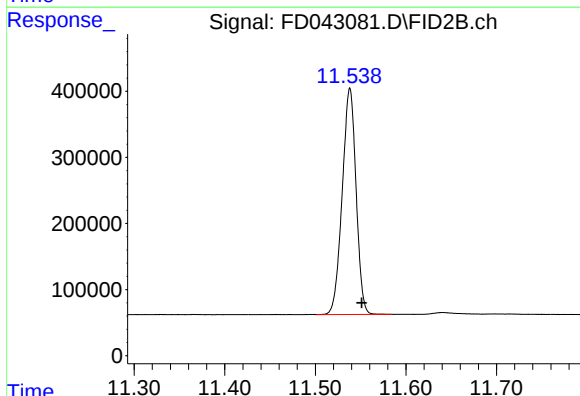
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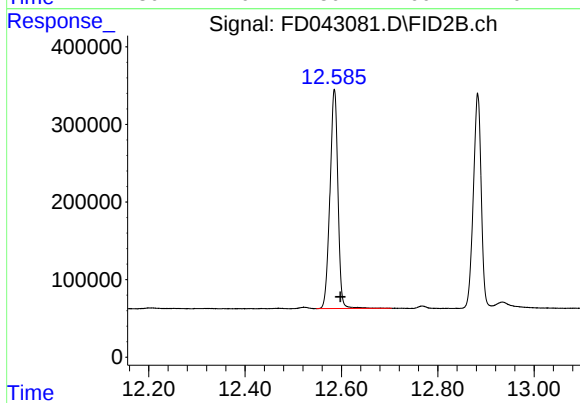
#10 Anthracene (C19.43)

R.T.: 10.848 min
Delta R.T.: -0.010 min
Response: 3341673
Conc: 19.67 ug/ml



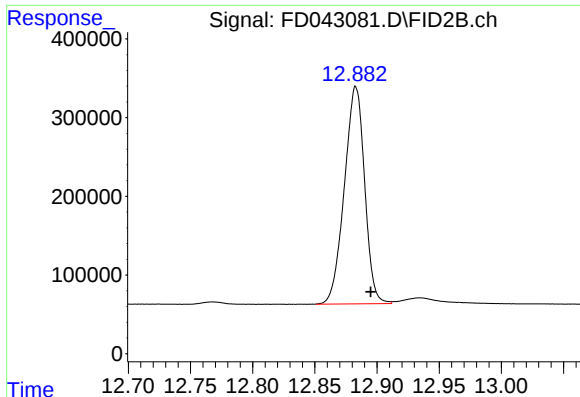
#11 ortho-Terphenyl (SURR)

R.T.: 11.538 min
Delta R.T.: -0.013 min
Response: 3635890
Conc: 20.00 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.585 min
Delta R.T.: -0.012 min
Response: 3231055
Conc: 19.27 ug/ml



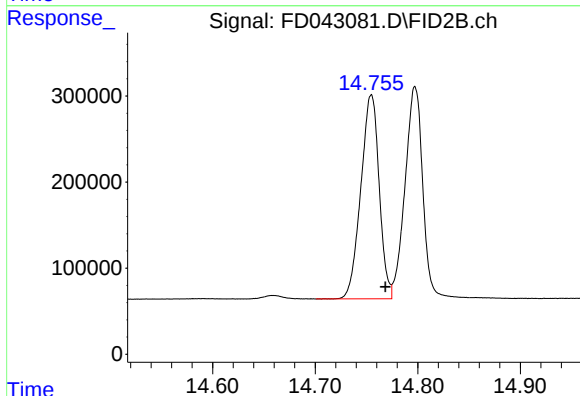
#13 Pyrene (C20.8)

R.T.: 12.882 min
Delta R.T.: -0.013 min
Response: 3135580
Conc: 19.24 ug/ml

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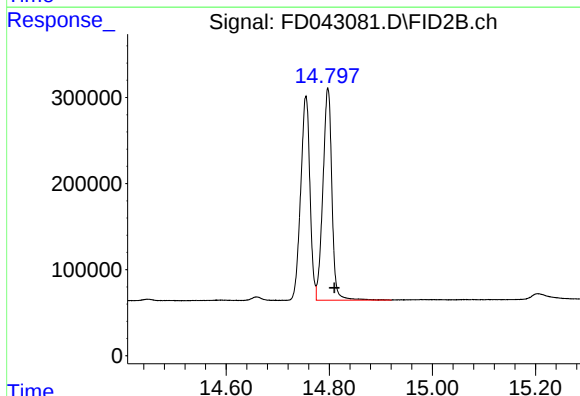
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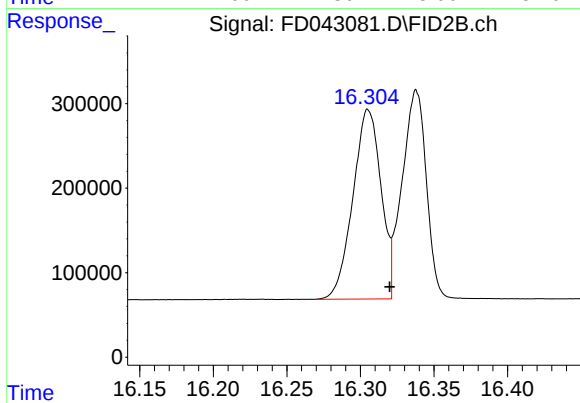
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.755 min
Delta R.T.: -0.014 min
Response: 2947663
Conc: 18.98 ug/ml



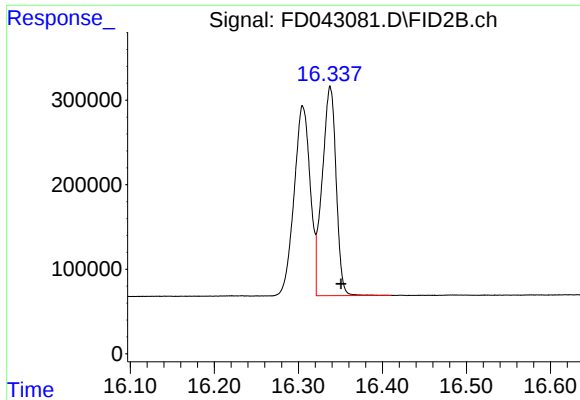
#15 Chrysene (C27.41)

R.T.: 14.797 min
Delta R.T.: -0.013 min
Response: 2995128
Conc: 18.98 ug/ml



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

R.T.: 16.304 min
Delta R.T.: -0.016 min
Response: 3003444
Conc: 19.70 ug/ml m



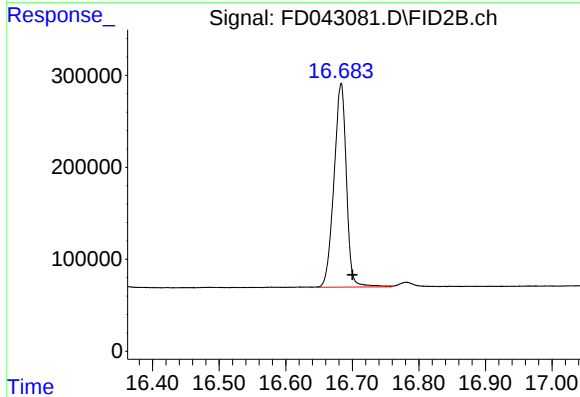
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.338 min
Delta R.T.: -0.013 min
Response: 2855179
Conc: 19.51 ug/ml

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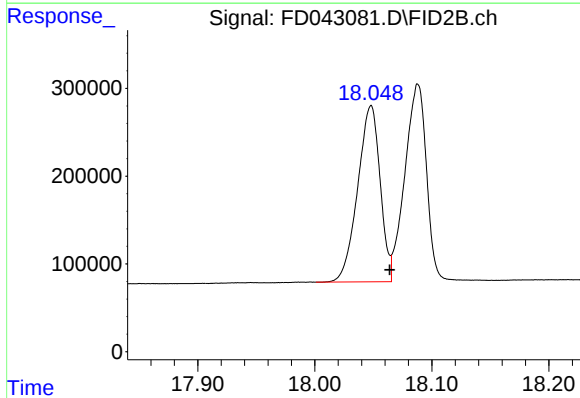
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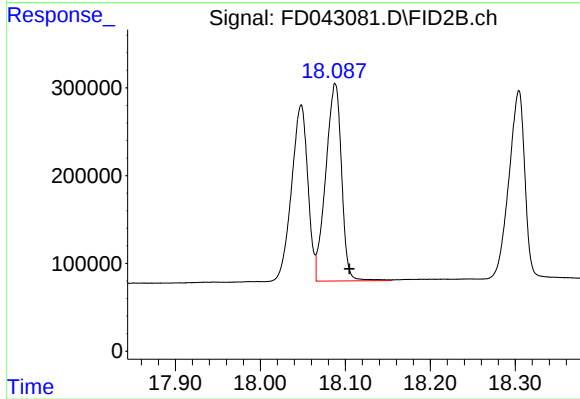
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.683 min
Delta R.T.: -0.017 min
Response: 2870987
Conc: 20.07 ug/ml m



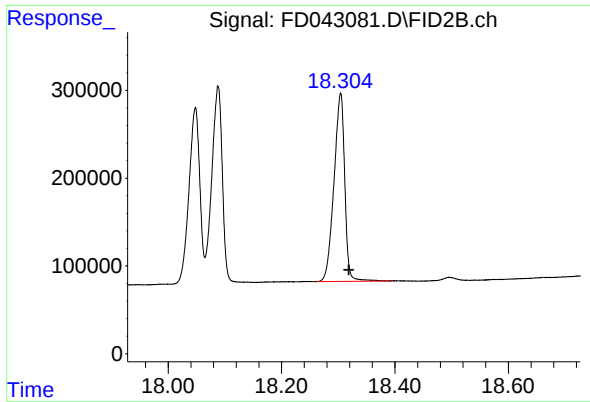
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.048 min
Delta R.T.: -0.016 min
Response: 2674236
Conc: 21.37 ug/ml



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

R.T.: 18.088 min
Delta R.T.: -0.017 min
Response: 2912877
Conc: 21.67 ug/ml



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

R.T.: 18.304 min
Delta R.T.: -0.014 min
Response: 2831192
Conc: 21.71 ug/ml

Instrument :

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