

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD071922AR\
 Data File : FD043284.D
 Signal(s) : FID2B.ch
 Acq On : 20 Jul 2022 06:03
 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 :Ankita Jodhani 07/20/2022
 Supervised By :mohammad ahmed 07/20/2022

Integration File: autoint1.e
 Quant Time: Jul 20 06:23:42 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	3222288	20.869 ug/ml
Spiked Amount 50.000		Recovery =	41.74%
6) S 2-Fluorobiphenyl (SURR)	8.485	2103996	19.948 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.90%
11) S ortho-Terphenyl (SURR)	11.530	3928398	21.614 ug/ml
Spiked Amount 50.000		Recovery =	43.23%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.418	3645684	21.707 ug/mlm
2) T Naphthalene (C11.7)	5.957	3661951	20.917 ug/ml
3) T 2-Methylnaphthalene (...)	7.010	3345379	20.799 ug/ml
5) T Acenaphthylene (C15.06)	8.287	3615129	20.339 ug/ml
7) T Acenaphthene (C15.5)	8.583	3726939	21.283 ug/ml
8) T Flouorene (C16.55)	9.365	3432043	19.799 ug/ml
9) T Phenanthrene (C19.36)	10.762	3357068	19.574 ug/ml
10) T Anthracene (C19.43)	10.836	2579277	15.182 ug/ml
12) T Fluoranthene (C21.85)	12.575	3320371	19.798 ug/ml
13) T Pyrene (C20.8)	12.871	3271038	20.072 ug/mlm
14) T Benzo[a]anthracene (C...	14.744	2697373	17.369 ug/mlm
15) T Chrysene (C27.41)	14.786	2982151	18.895 ug/ml
16) T benzo[b]fluoranthene ...	16.296	2764549	18.136 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.327	2731789	18.665 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.673	2418778	16.911 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.036	1954720	15.621 ug/mlm
20) T Dibenz[a,h]anthracene...	18.076	2206900	16.416 ug/ml
21) T Benzo[g,h,i]perylene ...	18.290	2406256	18.449 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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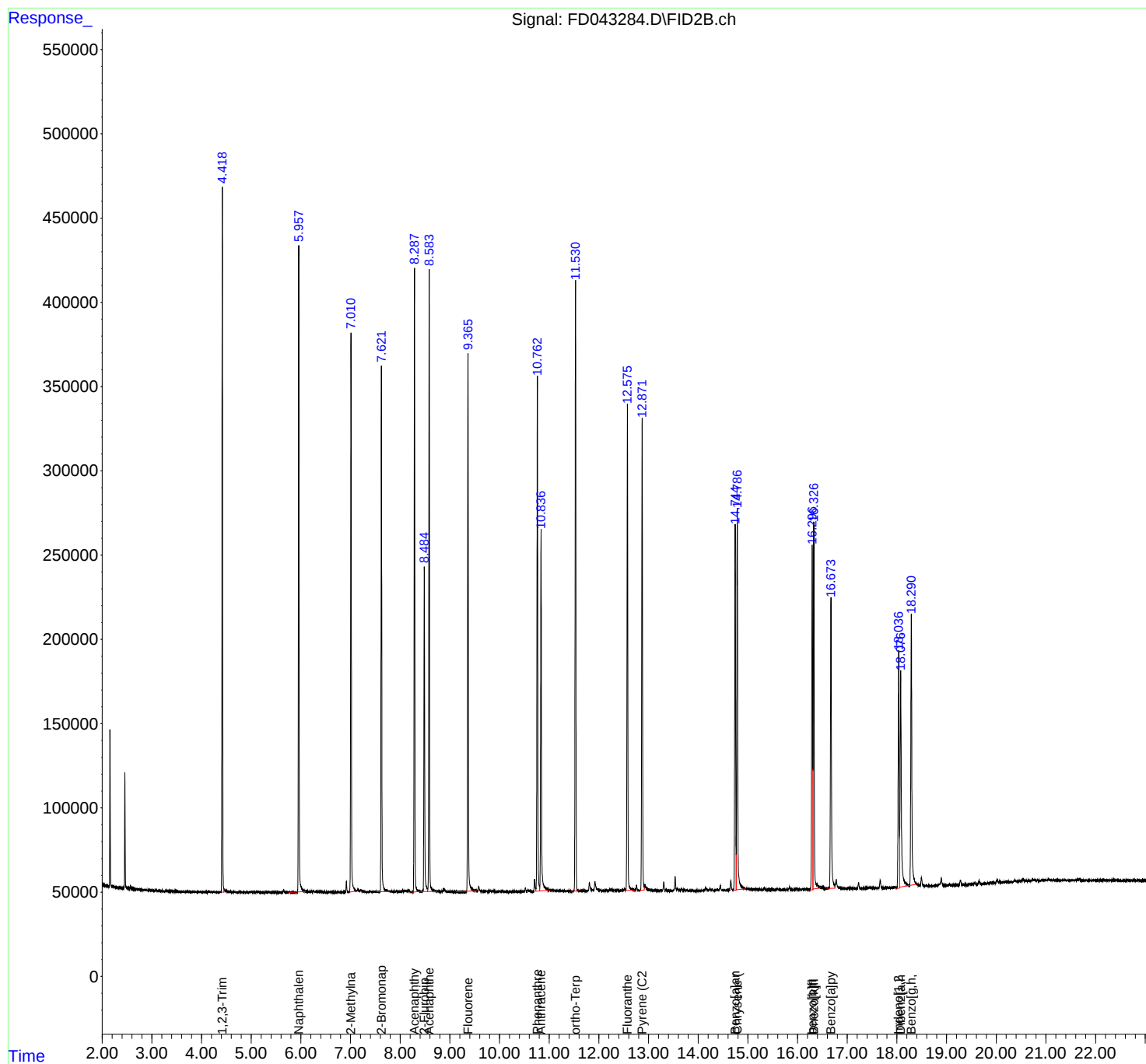
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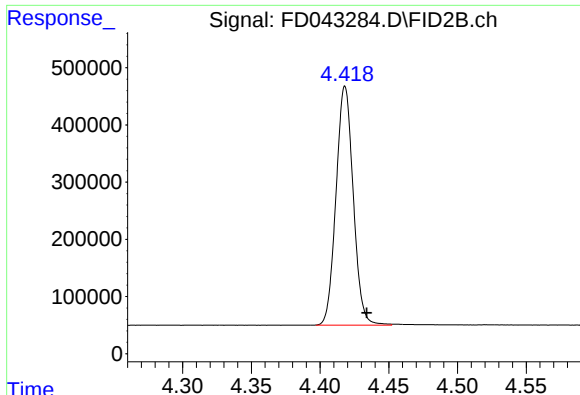
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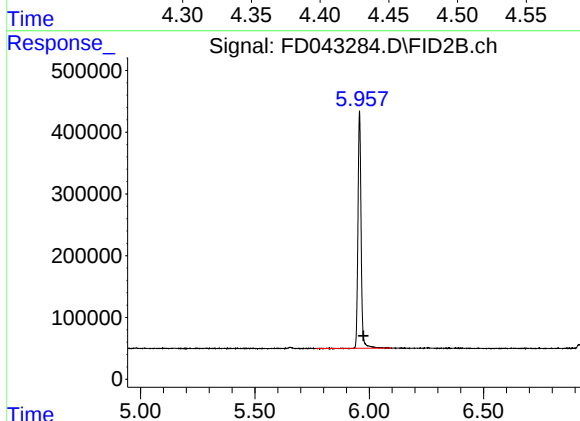
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.418 min
Delta R.T.: -0.016 min
Response: 3645684
Conc: 21.71 ug/ml

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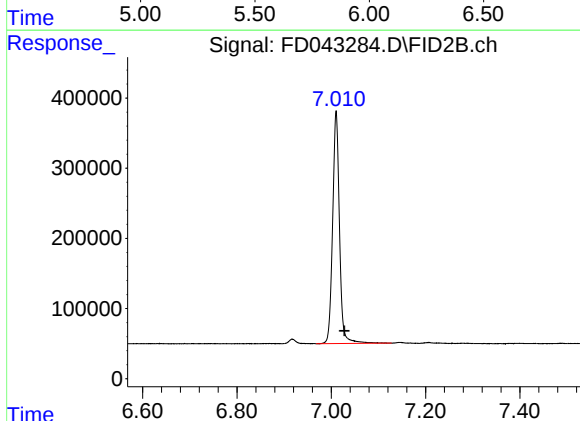
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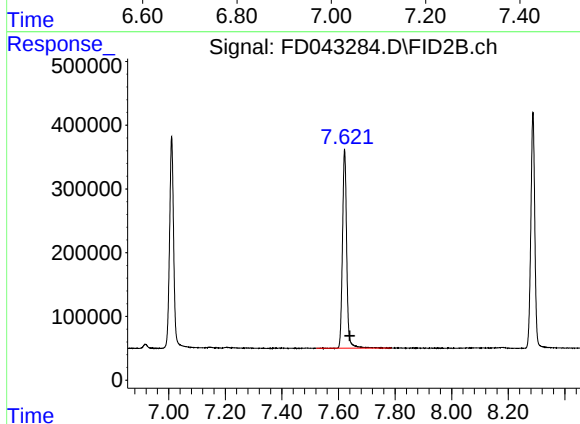
#2 Naphthalene (C11.7)

R.T.: 5.957 min
Delta R.T.: -0.018 min
Response: 3661951
Conc: 20.92 ug/ml



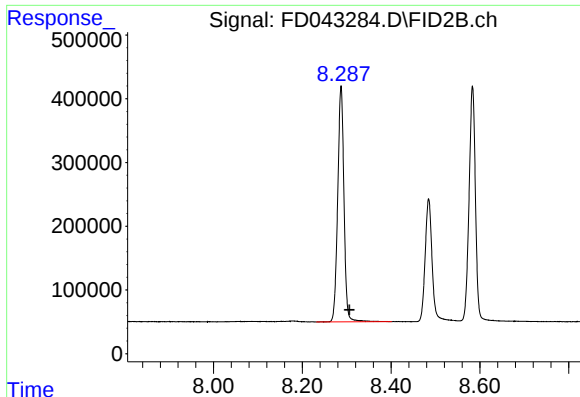
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.010 min
Delta R.T.: -0.018 min
Response: 3345379
Conc: 20.80 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.622 min
Delta R.T.: -0.018 min
Response: 3222288
Conc: 20.87 ug/ml



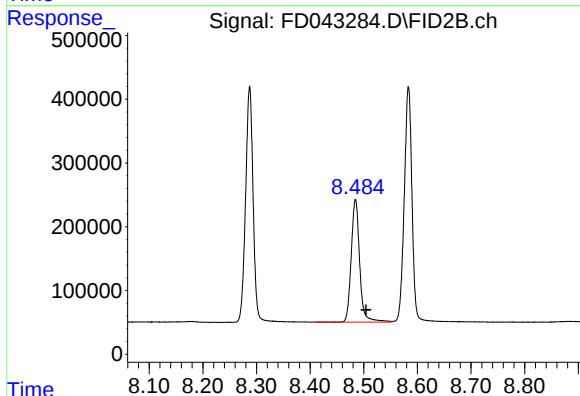
#5 Acenaphthylene (C15.06)

R.T.: 8.287 min
Delta R.T.: -0.019 min
Response: 3615129
Conc: 20.34 ug/ml

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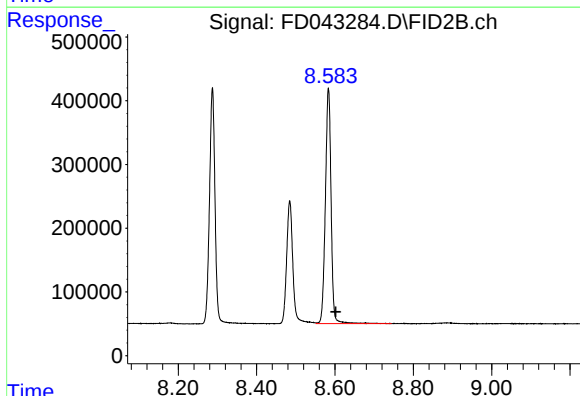
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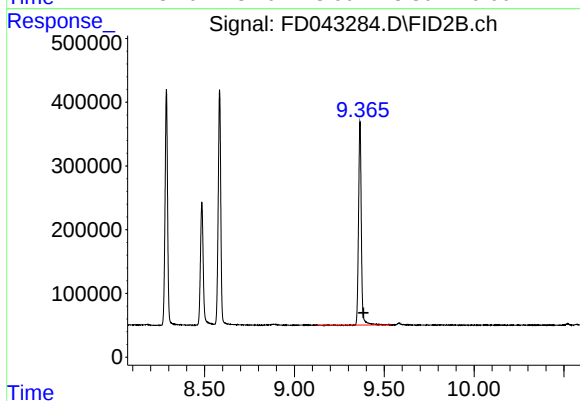
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.485 min
Delta R.T.: -0.020 min
Response: 2103996
Conc: 19.95 ug/ml



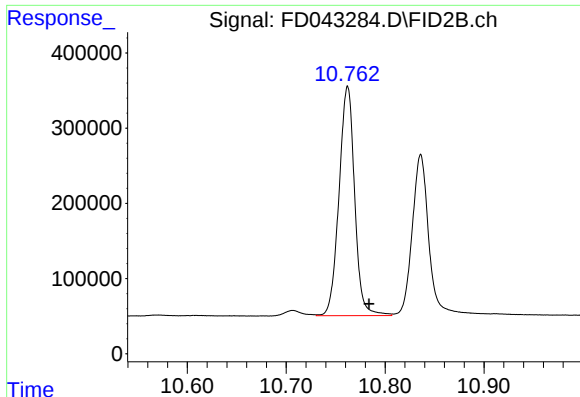
#7 Acenaphthene (C15.5)

R.T.: 8.583 min
Delta R.T.: -0.018 min
Response: 3726939
Conc: 21.28 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.365 min
Delta R.T.: -0.020 min
Response: 3432043
Conc: 19.80 ug/ml



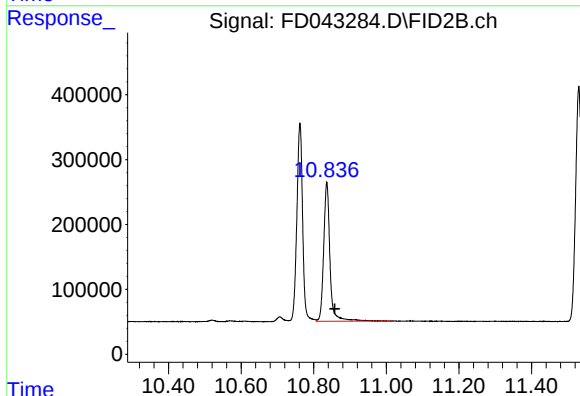
#9 Phenanthrene (C19.36)

R.T.: 10.762 min
Delta R.T.: -0.022 min
Response: 3357068
Conc: 19.57 ug/ml

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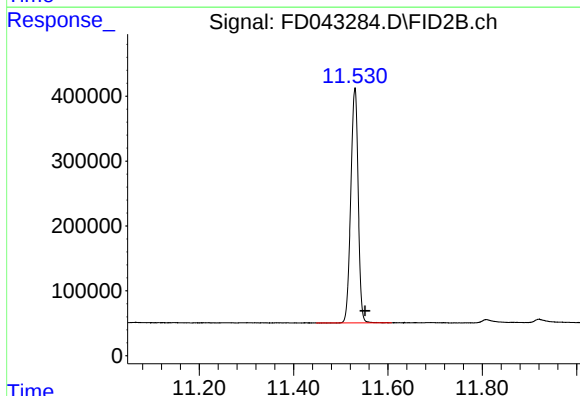
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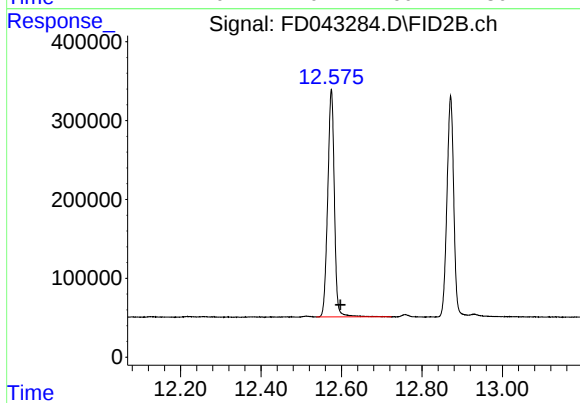
#10 Anthracene (C19.43)

R.T.: 10.836 min
Delta R.T.: -0.022 min
Response: 2579277
Conc: 15.18 ug/ml



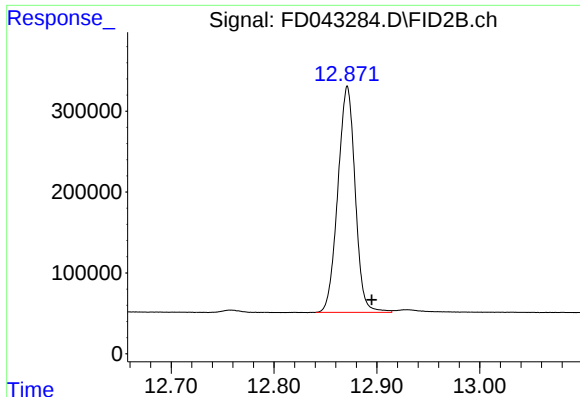
#11 ortho-Terphenyl (SURR)

R.T.: 11.530 min
Delta R.T.: -0.022 min
Response: 3928398
Conc: 21.61 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.575 min
Delta R.T.: -0.023 min
Response: 3320371
Conc: 19.80 ug/ml



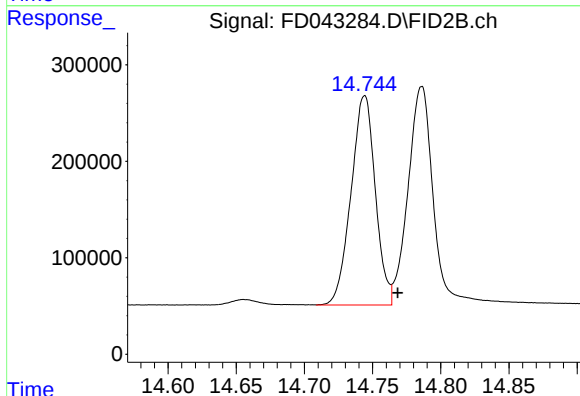
#13 Pyrene (C20.8)

R.T.: 12.871 min
Delta R.T.: -0.024 min
Response: 3271038
Conc: 20.07 ug/ml

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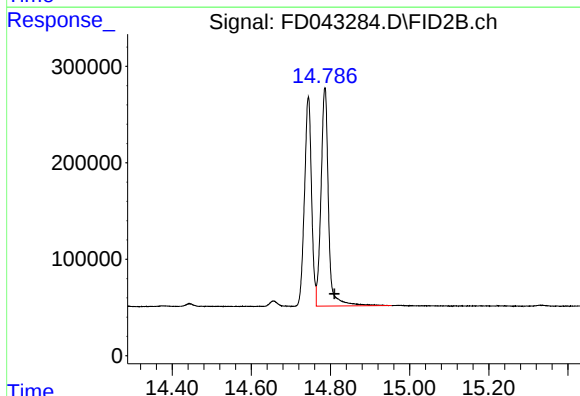
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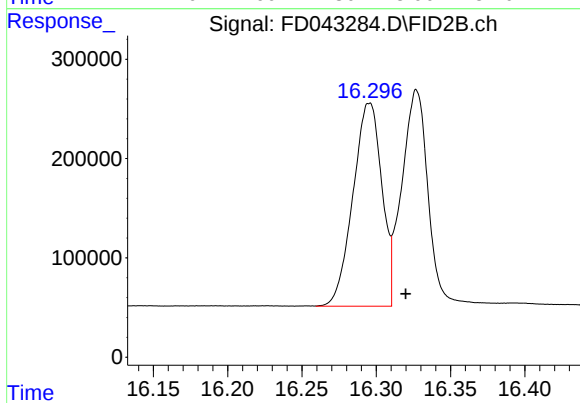
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.744 min
Delta R.T.: -0.024 min
Response: 2697373
Conc: 17.37 ug/ml m



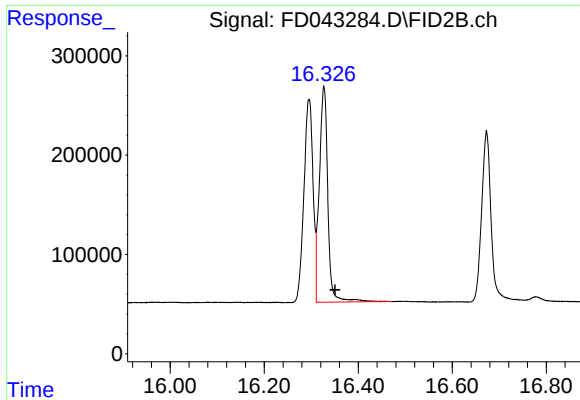
#15 Chrysene (C27.41)

R.T.: 14.786 min
Delta R.T.: -0.024 min
Response: 2982151
Conc: 18.89 ug/ml



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

R.T.: 16.296 min
Delta R.T.: -0.024 min
Response: 2764549
Conc: 18.14 ug/ml m



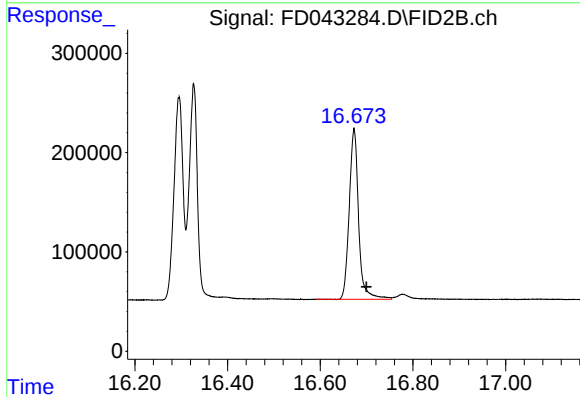
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.327 min
Delta R.T.: -0.024 min
Response: 2731789
Conc: 18.66 ug/ml

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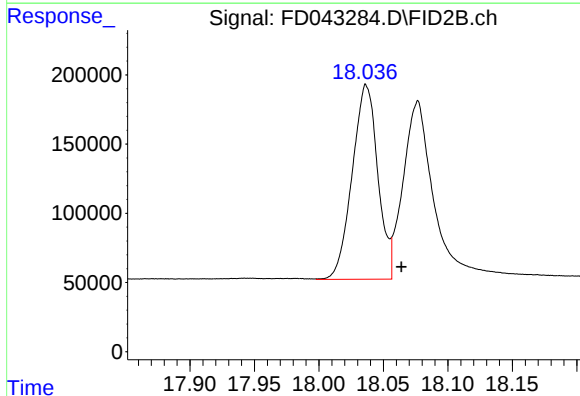
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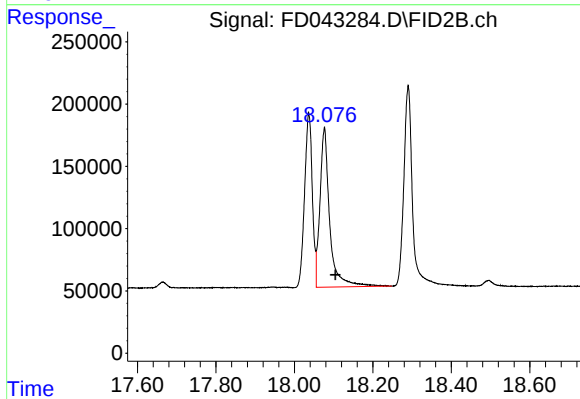
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.673 min
Delta R.T.: -0.027 min
Response: 2418778
Conc: 16.91 ug/ml



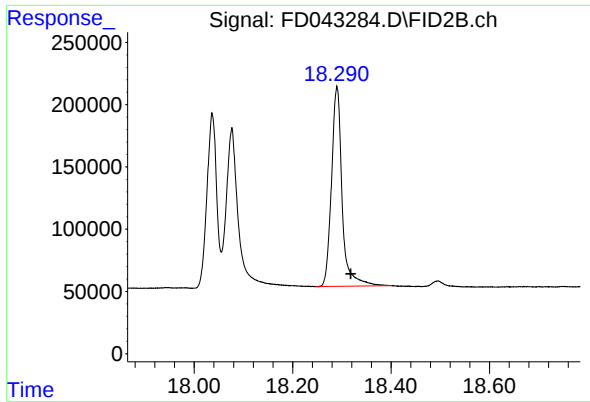
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.036 min
Delta R.T.: -0.028 min
Response: 1954720
Conc: 15.62 ug/ml m



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

R.T.: 18.076 min
Delta R.T.: -0.028 min
Response: 2206900
Conc: 16.42 ug/ml



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

R.T.: 18.290 min
Delta R.T.: -0.029 min
Response: 2406256
Conc: 18.45 ug/ml

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