

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070722AR\
 Data File : FD043193.D
 Signal(s) : FID2B.ch
 Acq On : 07 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 :Yogesh Patel 07/07/2022
 Supervised By :Ankita Jodhani 07/08/2022

Integration File: autoint1.e
 Quant Time: Jul 07 13:23:58 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...	7.628	3254068	21.074 ug/ml
Spiked Amount 50.000		Recovery =	42.15%
6) S 2-Fluorobiphenyl (SURR)	8.491	2179111	20.660 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	41.32%
11) S ortho-Terphenyl (SURR)	11.535	3675873	20.225 ug/ml
Spiked Amount 50.000		Recovery =	40.45%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.425	3684585	21.938 ug/ml
2) T Naphthalene (C11.7)	5.965	3739077	21.357 ug/ml
3) T 2-Methylnaphthalene (...)	7.017	3401306	21.147 ug/ml
5) T Acenaphthylene (C15.06)	8.295	3630425	20.425 ug/ml
7) T Acenaphthene (C15.5)	8.591	3651949	20.855 ug/ml
8) T Flouorene (C16.55)	9.372	3563801	20.560 ug/ml
9) T Phenanthrene (C19.36)	10.769	3400950	19.829 ug/ml
10) T Anthracene (C19.43)	10.844	3290829	19.370 ug/ml
12) T Fluoranthene (C21.85)	12.581	3170227	18.902 ug/ml
13) T Pyrene (C20.8)	12.879	3058719	18.769 ug/mlm
14) T Benzo[a]anthracene (C...	14.750	2899646	18.671 ug/ml
15) T Chrysene (C27.41)	14.793	2989786	18.943 ug/ml
16) T benzo[b]fluoranthene ...	16.302	2945507	19.323 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.335	2926205	19.993 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.681	2889010	20.198 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.047	2686405	21.468 ug/ml
20) T Dibenz[a,h]anthracene...	18.085	3017271	22.444 ug/ml
21) T Benzo[g,h,i]perylene ...	18.301	2880943	22.088 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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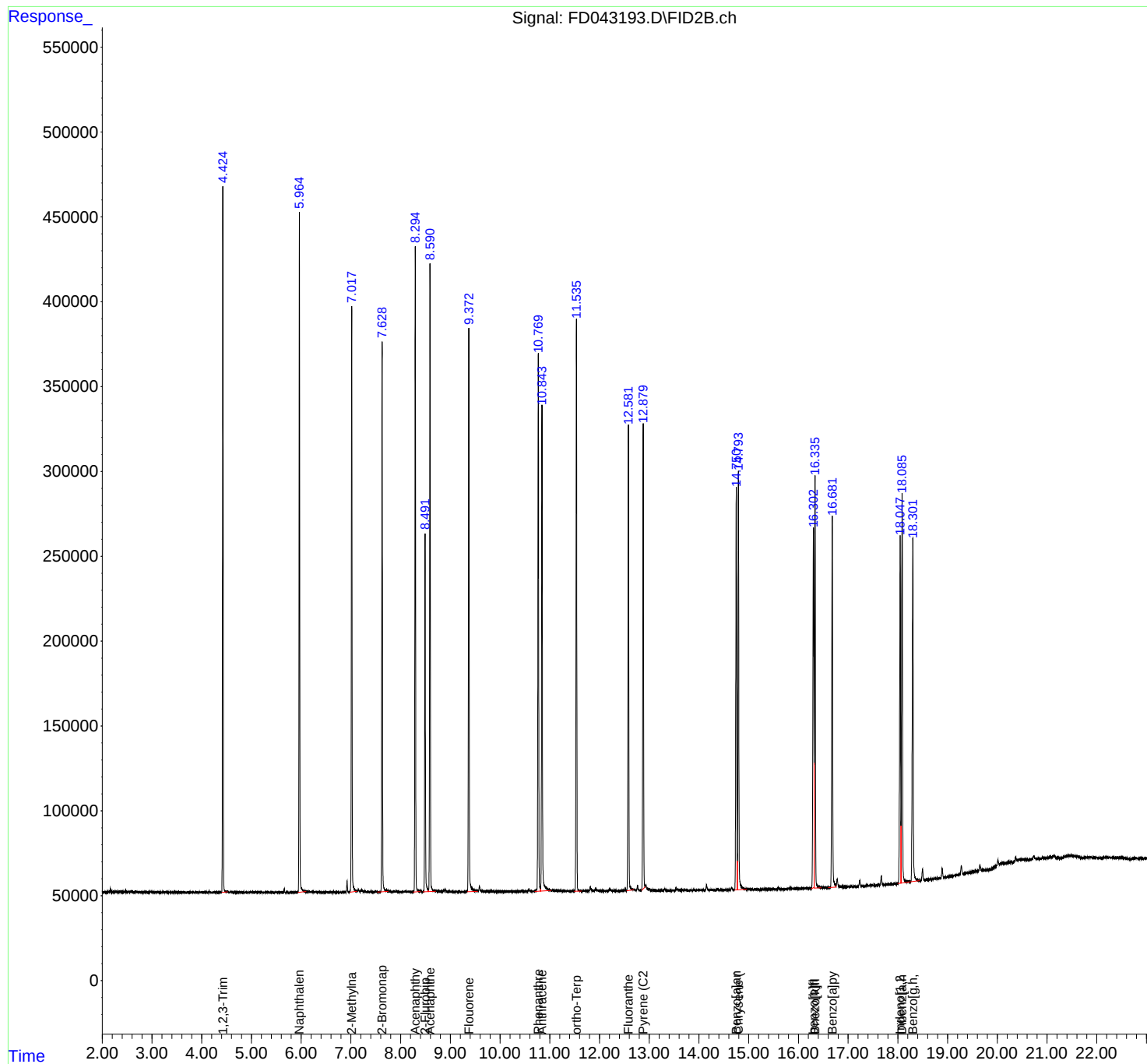
Instrument :
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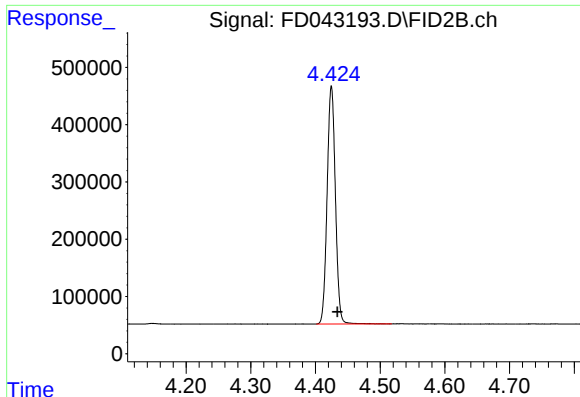
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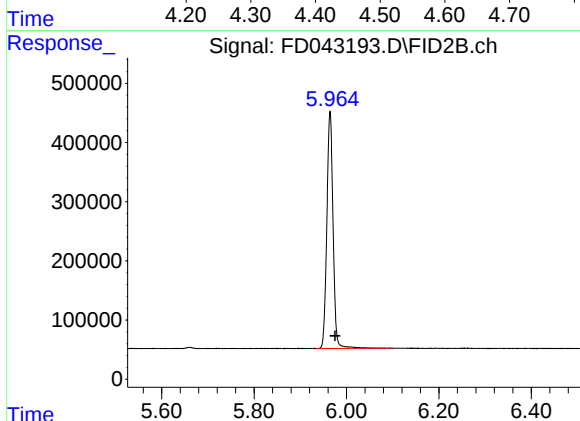
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.425 min
Delta R.T.: -0.009 min
Response: 3684585
Conc: 21.94 ug/ml

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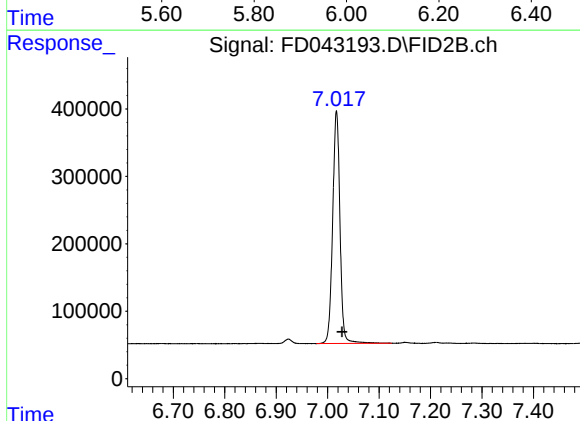
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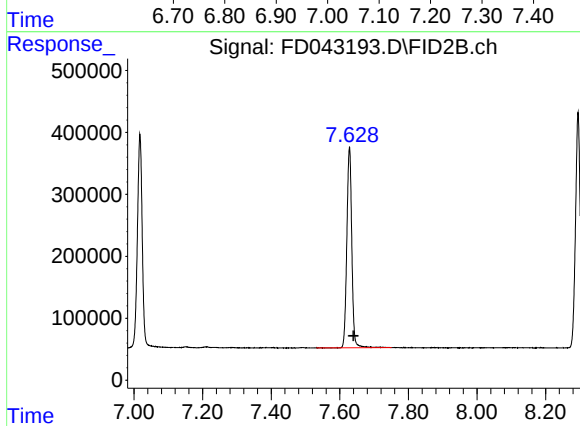
#2 Naphthalene (C11.7)

R.T.: 5.965 min
Delta R.T.: -0.011 min
Response: 3739077
Conc: 21.36 ug/ml



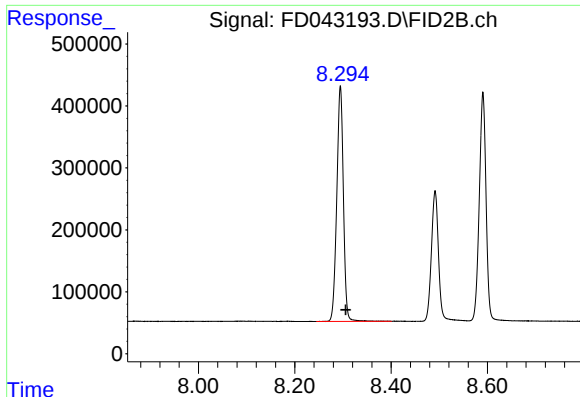
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.017 min
Delta R.T.: -0.011 min
Response: 3401306
Conc: 21.15 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.628 min
Delta R.T.: -0.012 min
Response: 3254068
Conc: 21.07 ug/ml



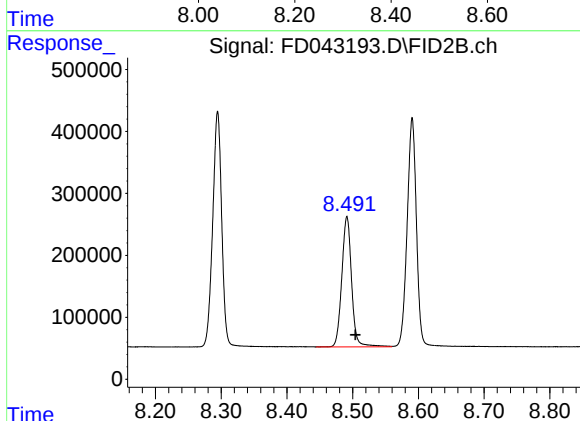
#5 Acenaphthylene (C15.06)

R.T.: 8.295 min
Delta R.T.: -0.011 min
Response: 3630425
Conc: 20.42 ug/ml

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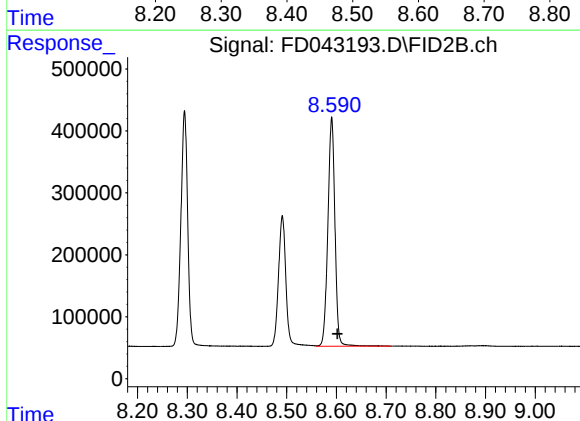
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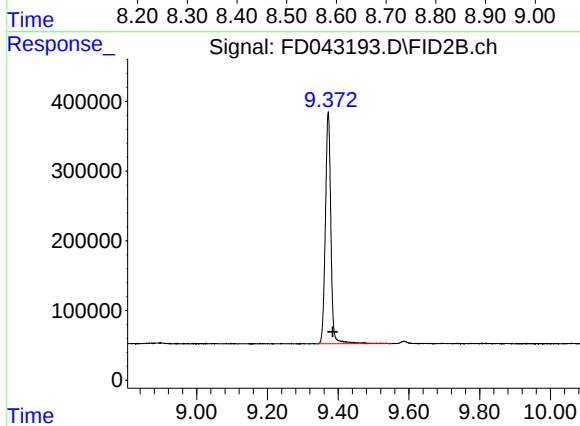
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.491 min
Delta R.T.: -0.013 min
Response: 2179111
Conc: 20.66 ug/ml



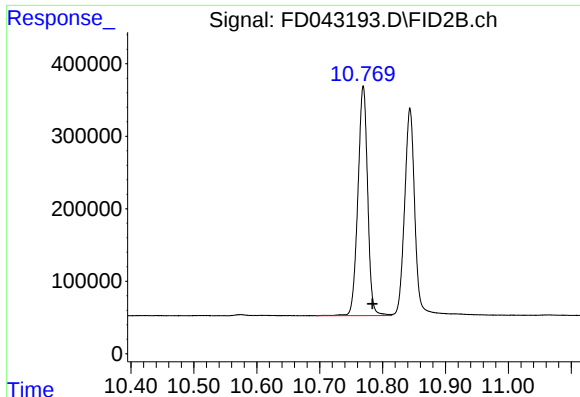
#7 Acenaphthene (C15.5)

R.T.: 8.591 min
Delta R.T.: -0.011 min
Response: 3651949
Conc: 20.85 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.372 min
Delta R.T.: -0.013 min
Response: 3563801
Conc: 20.56 ug/ml



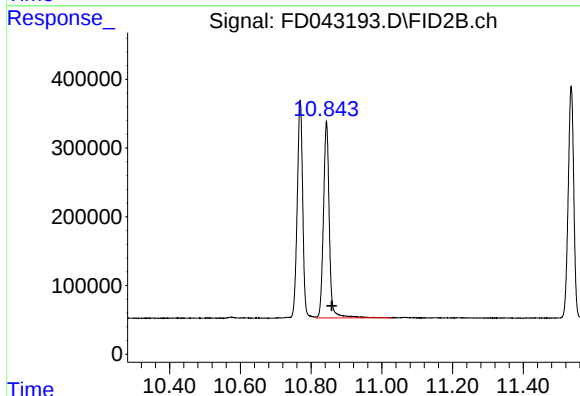
#9 Phenanthrene (C19.36)

R.T.: 10.769 min
Delta R.T.: -0.014 min
Response: 3400950
Conc: 19.83 ug/ml

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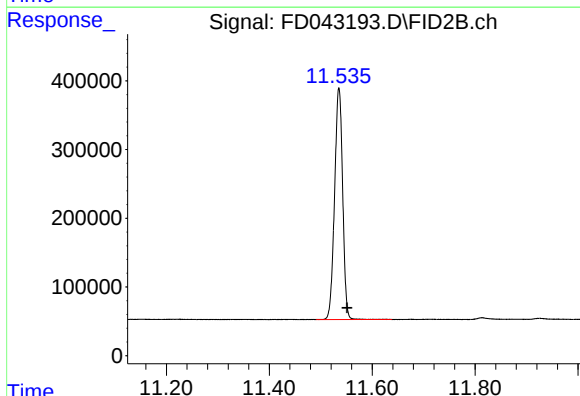
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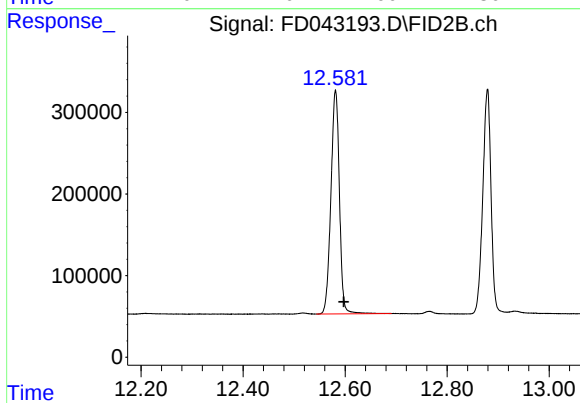
#10 Anthracene (C19.43)

R.T.: 10.844 min
Delta R.T.: -0.014 min
Response: 3290829
Conc: 19.37 ug/ml



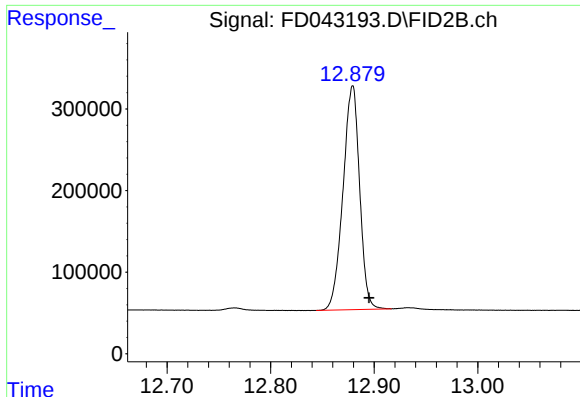
#11 ortho-Terphenyl (SURR)

R.T.: 11.535 min
Delta R.T.: -0.016 min
Response: 3675873
Conc: 20.22 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.581 min
Delta R.T.: -0.016 min
Response: 3170227
Conc: 18.90 ug/ml



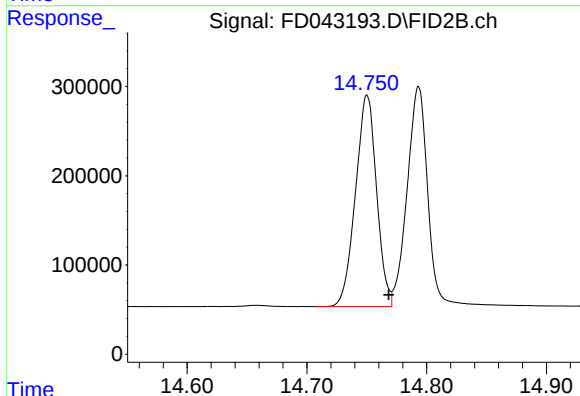
#13 Pyrene (C20.8)

R.T.: 12.879 min
Delta R.T.: -0.016 min
Response: 3058719
Conc: 18.77 ug/ml

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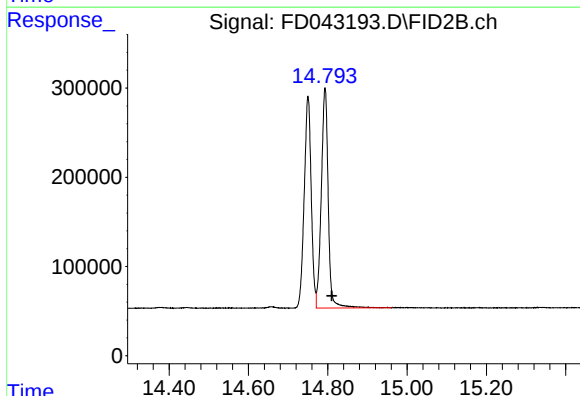
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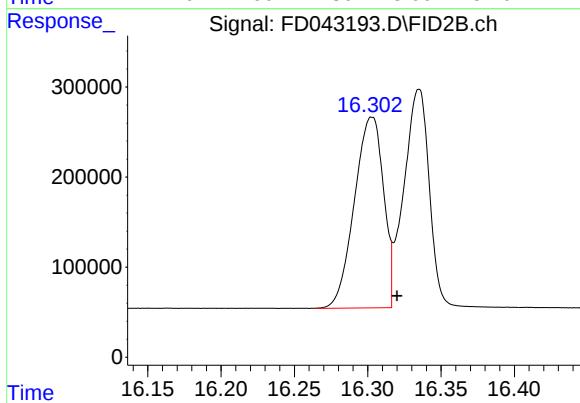
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.750 min
Delta R.T.: -0.018 min
Response: 2899646
Conc: 18.67 ug/ml



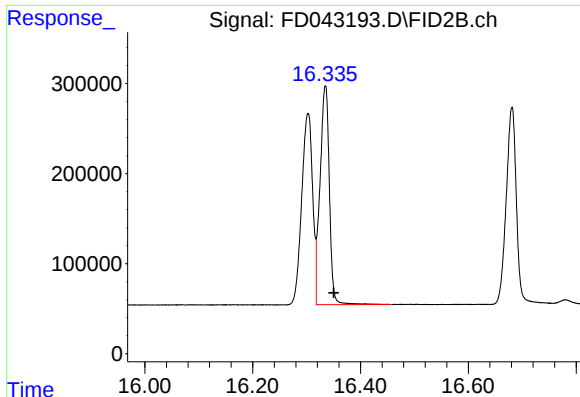
#15 Chrysene (C27.41)

R.T.: 14.793 min
Delta R.T.: -0.017 min
Response: 2989786
Conc: 18.94 ug/ml



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

R.T.: 16.302 min
Delta R.T.: -0.018 min
Response: 2945507
Conc: 19.32 ug/ml m



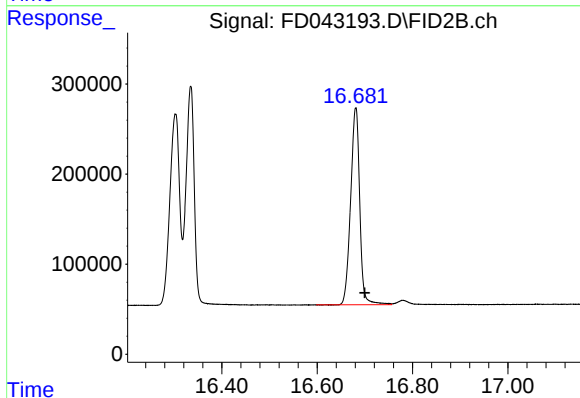
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.335 min
Delta R.T.: -0.016 min
Response: 2926205
Conc: 19.99 ug/ml

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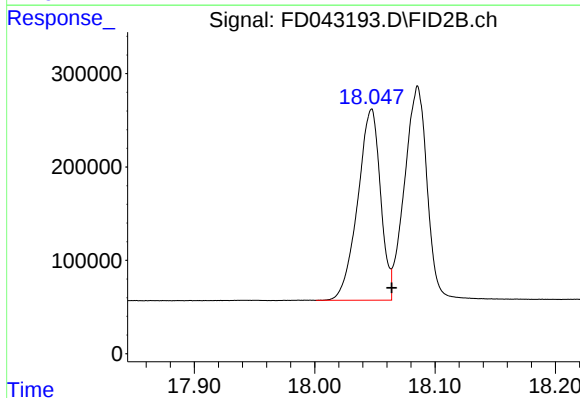
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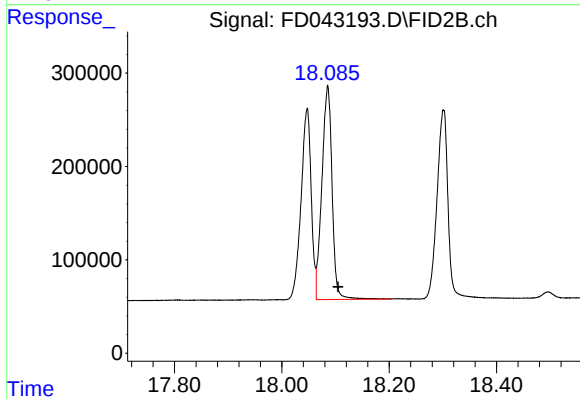
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.681 min
Delta R.T.: -0.019 min
Response: 2889010
Conc: 20.20 ug/ml



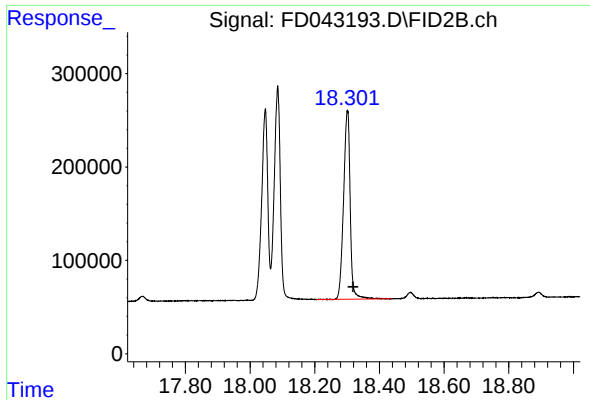
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.047 min
Delta R.T.: -0.017 min
Response: 2686405
Conc: 21.47 ug/ml



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

R.T.: 18.085 min
Delta R.T.: -0.020 min
Response: 3017271
Conc: 22.44 ug/ml



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

R.T.: 18.301 min
Delta R.T.: -0.017 min
Response: 2880943
Conc: 22.09 ug/ml

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