

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD083022AR\
 Data File : FD043760.D
 Signal(s) : FID2B.ch
 Acq On : 30 Aug 2022 10:37
 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 08/30/2022
 Supervised By :Ankita Jodhani 08/31/2022

Integration File: autoint1.e
 Quant Time: Aug 30 14:49:34 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082322.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 25 11:00:10 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...	7.450	3448255	19.957 ug/ml
Spiked Amount 50.000		Recovery =	39.91%
6) S 2-Fluorobiphenyl (SURR)	8.307	2035770	20.238 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.48%
11) S ortho-Terphenyl (SURR)	11.336	4087050	19.536 ug/ml
Spiked Amount 50.000		Recovery =	39.07%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.254	3966837	19.919 ug/ml
2) T Naphthalene (C11.7)	5.789	3906441	19.435 ug/ml
3) T 2-Methylnaphthalene (...)	6.836	3551202	19.675 ug/ml
5) T Acenaphthylene (C15.06)	8.107	3926562	19.644 ug/ml
7) T Acenaphthene (C15.5)	8.398	4243386	19.741 ug/ml
8) T Flouorene (C16.55)	9.180	3715654	19.381 ug/ml
9) T Phenanthrene (C19.36)	10.572	3585082	19.936 ug/ml
10) T Anthracene (C19.43)	10.649	3403021	17.496 ug/ml
12) T Fluoranthene (C21.85)	12.376	3593553	19.705 ug/mlm
13) T Pyrene (C20.8)	12.671	3662867	19.623 ug/ml
14) T Benzo[a]anthracene (C...	14.539	2934779	20.511 ug/mlm
15) T Chrysene (C27.41)	14.579	3660007	18.963 ug/mlm
16) T benzo[b]fluoranthene ...	16.082	2988886	20.713 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.113	3314704	19.272 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.464	3008813	20.721 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.823	2294313	22.185 ug/mlm
20) T Dibenz[a,h]anthracene...	17.862	2931072	20.829 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.074	2645112	20.778 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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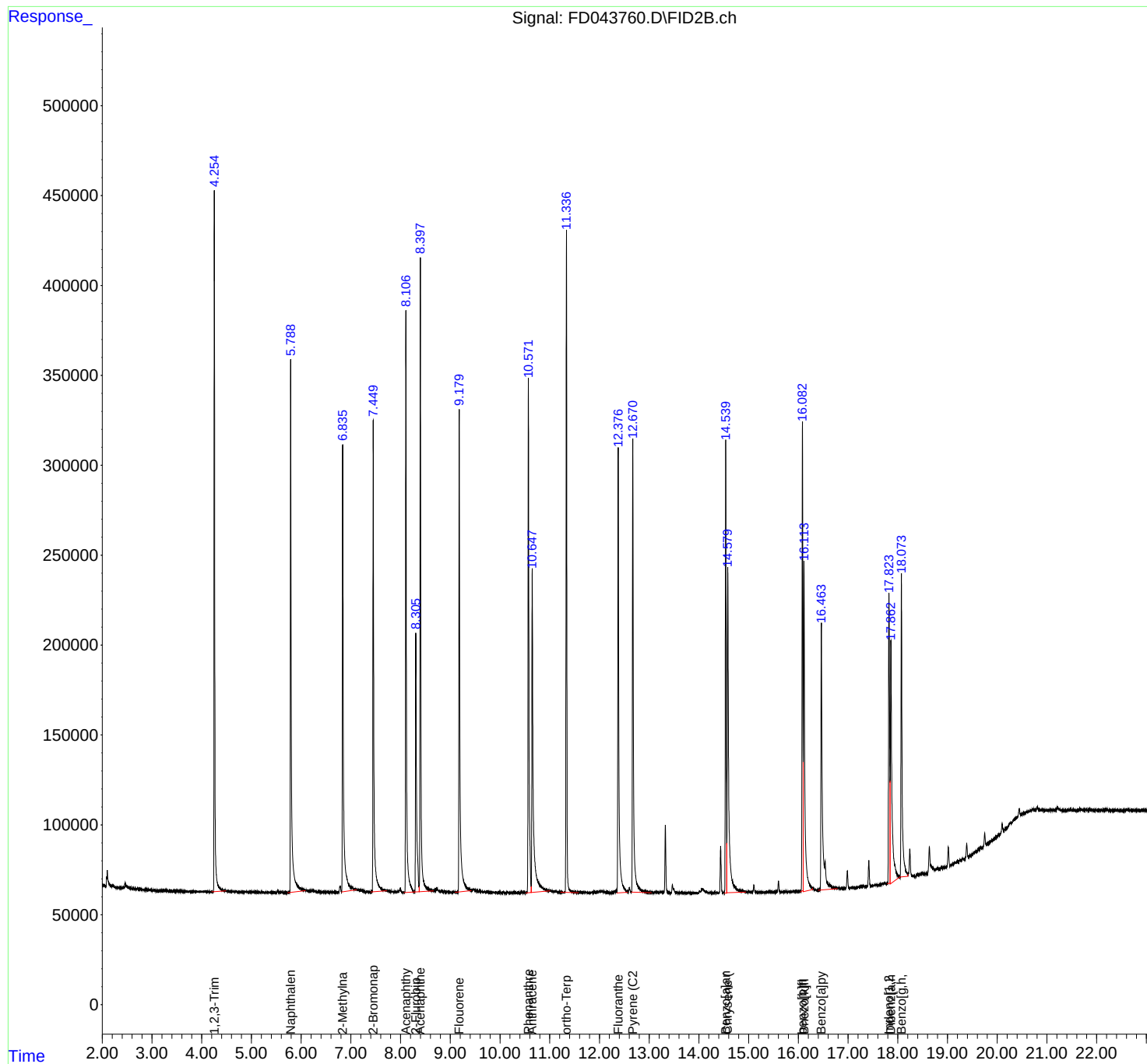
Instrument :
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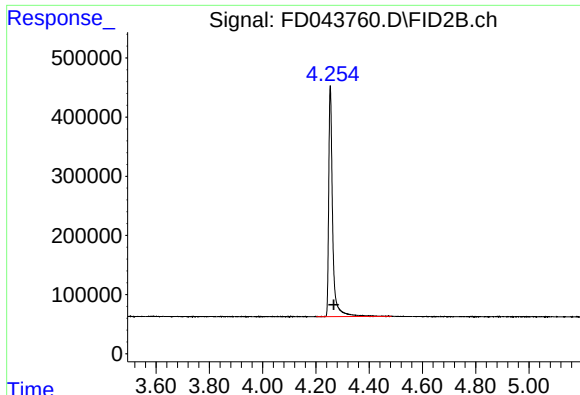
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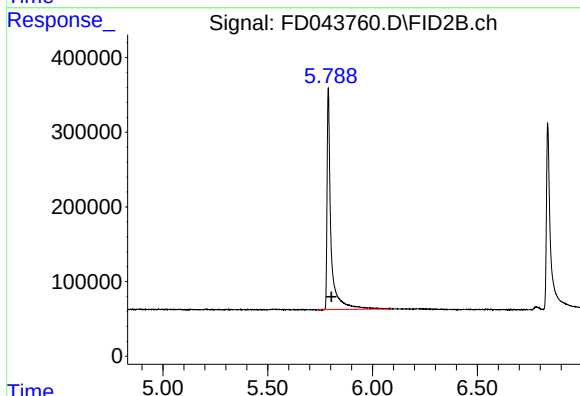
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.254 min
Delta R.T.: -0.013 min
Response: 3966837
Conc: 19.92 ug/ml

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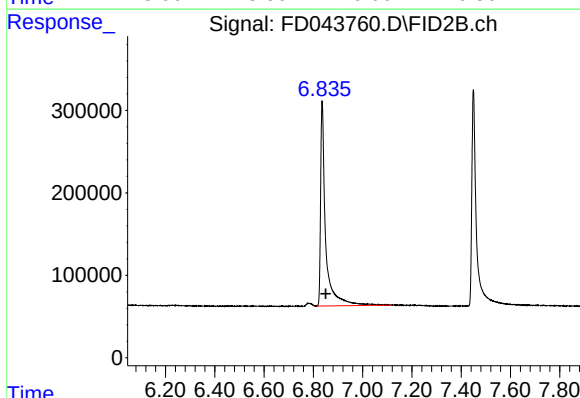
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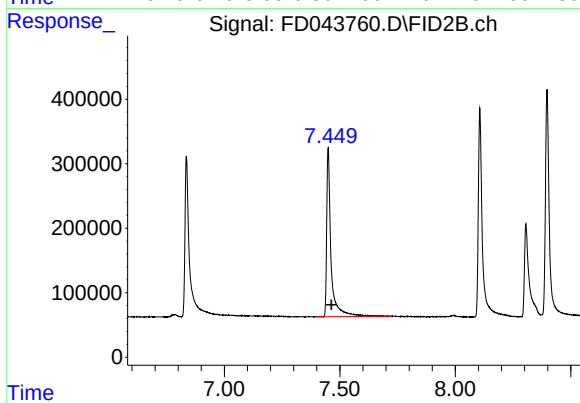
#2 Naphthalene (C11.7)

R.T.: 5.789 min
Delta R.T.: -0.014 min
Response: 3906441
Conc: 19.44 ug/ml



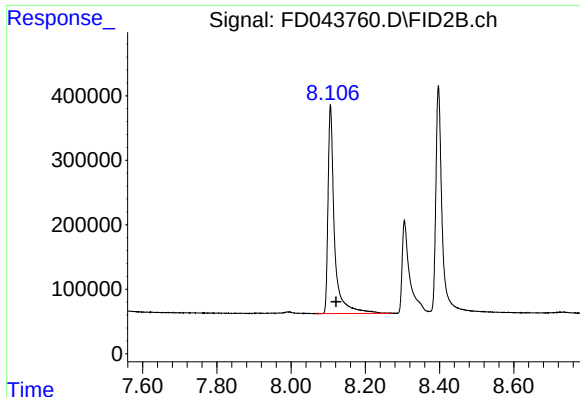
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.836 min
Delta R.T.: -0.014 min
Response: 3551202
Conc: 19.67 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.450 min
Delta R.T.: -0.013 min
Response: 3448255
Conc: 19.96 ug/ml



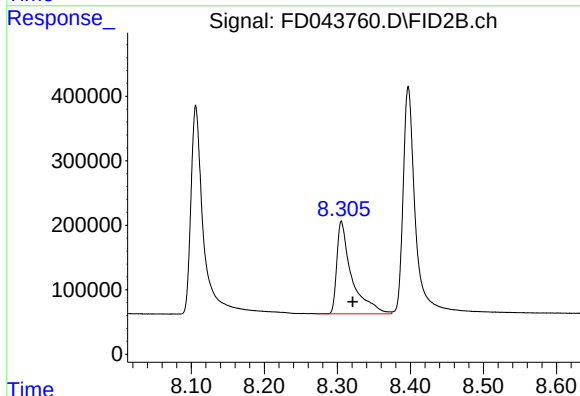
#5 Acenaphthylene (C15.06)

R.T.: 8.107 min
Delta R.T.: -0.015 min
Response: 3926562
Conc: 19.64 ug/ml

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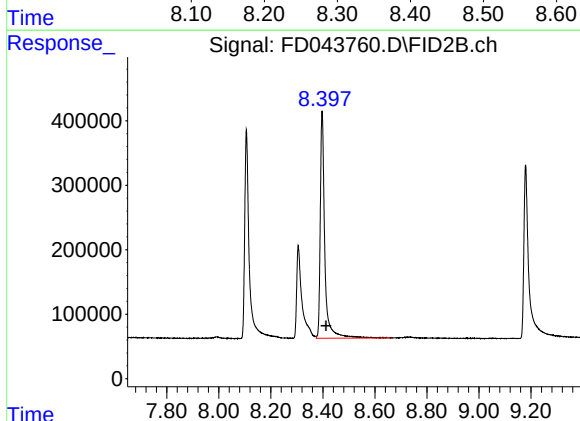
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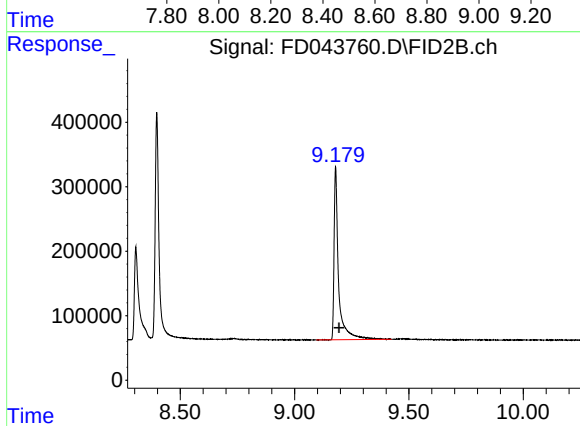
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.307 min
Delta R.T.: -0.014 min
Response: 2035770
Conc: 20.24 ug/ml



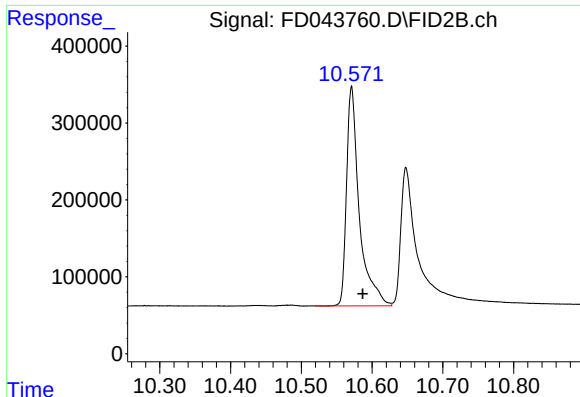
#7 Acenaphthene (C15.5)

R.T.: 8.398 min
Delta R.T.: -0.015 min
Response: 4243386
Conc: 19.74 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.180 min
Delta R.T.: -0.015 min
Response: 3715654
Conc: 19.38 ug/ml



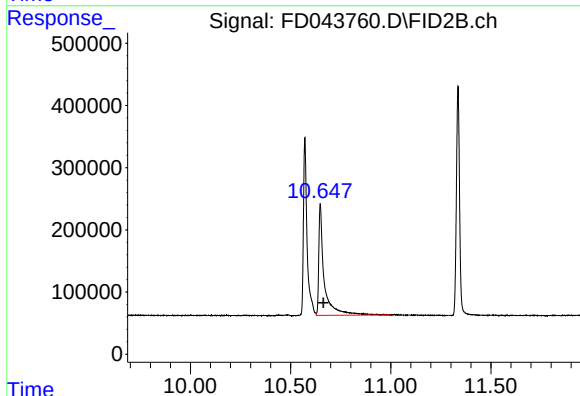
#9 Phenanthrene (C19.36)

R.T.: 10.572 min
Delta R.T.: -0.015 min
Response: 3585082
Conc: 19.94 ug/ml

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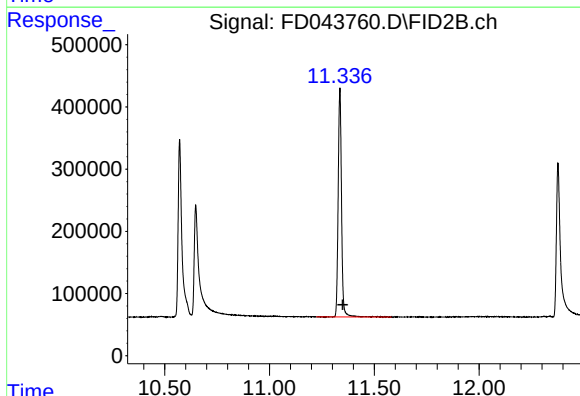
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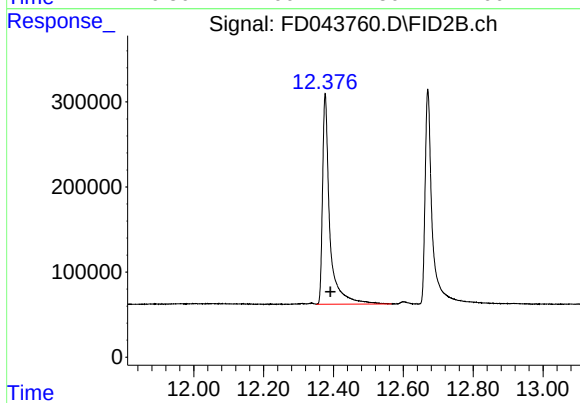
#10 Anthracene (C19.43)

R.T.: 10.649 min
Delta R.T.: -0.014 min
Response: 3403021
Conc: 17.50 ug/ml



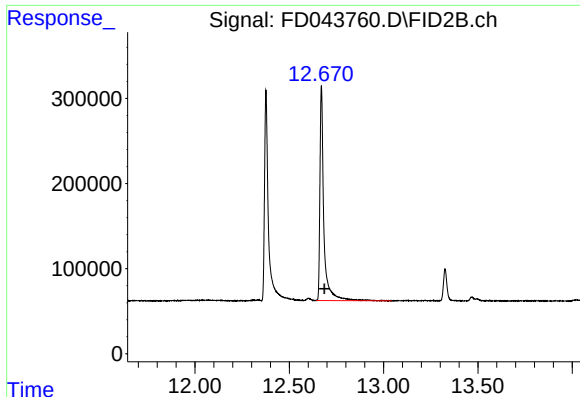
#11 ortho-Terphenyl (SURR)

R.T.: 11.336 min
Delta R.T.: -0.014 min
Response: 4087050
Conc: 19.54 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.376 min
Delta R.T.: -0.016 min
Response: 3593553
Conc: 19.71 ug/ml m



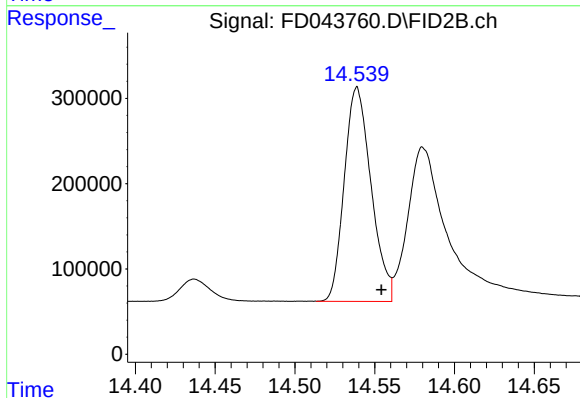
#13 Pyrene (C20.8)

R.T.: 12.671 min
Delta R.T.: -0.016 min
Response: 3662867
Conc: 19.62 ug/ml

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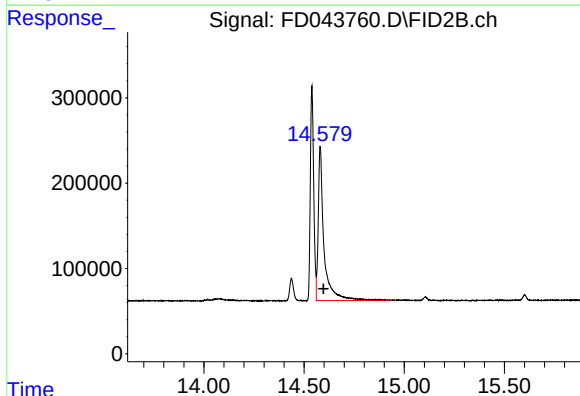
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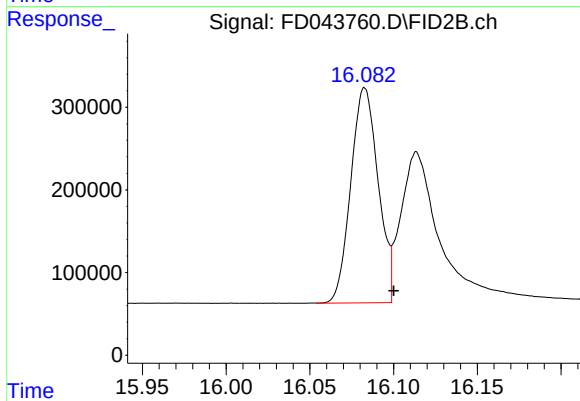
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.539 min
Delta R.T.: -0.015 min
Response: 2934779
Conc: 20.51 ug/ml m



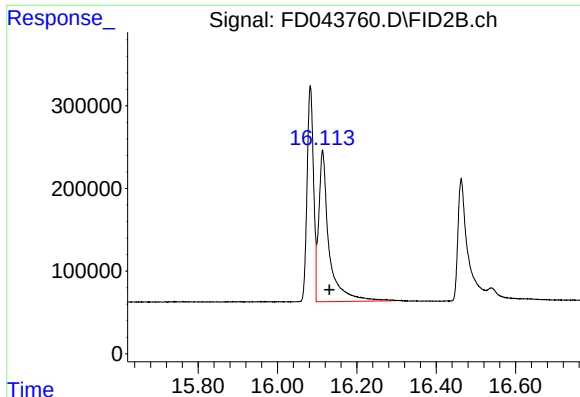
#15 Chrysene (C27.41)

R.T.: 14.579 min
Delta R.T.: -0.017 min
Response: 3660007
Conc: 18.96 ug/ml m



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

R.T.: 16.082 min
Delta R.T.: -0.018 min
Response: 2988886
Conc: 20.71 ug/ml m



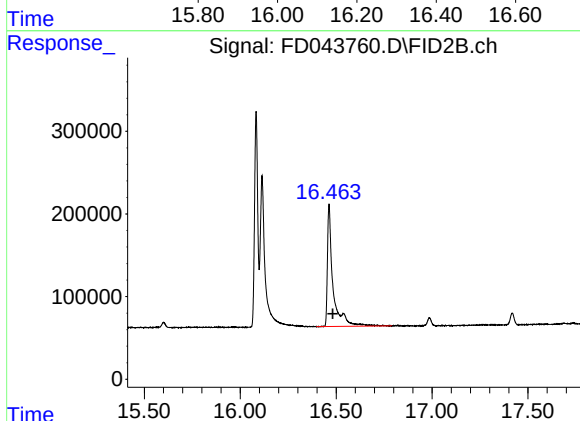
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.113 min
Delta R.T.: -0.018 min
Response: 3314704
Conc: 19.27 ug/ml

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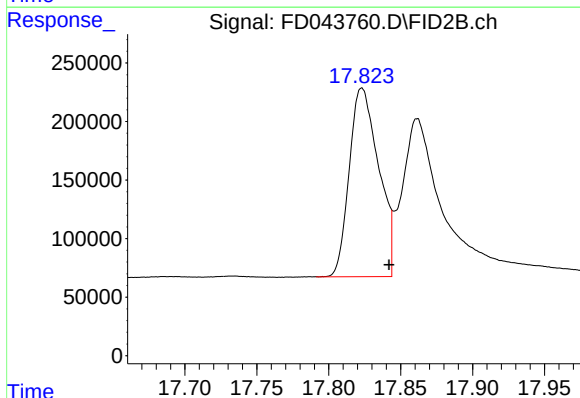
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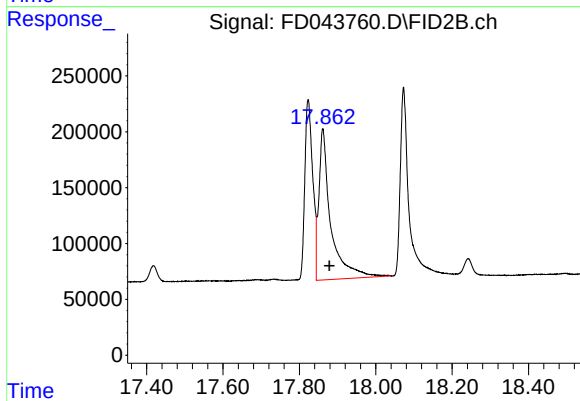
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.464 min
Delta R.T.: -0.018 min
Response: 3008813
Conc: 20.72 ug/ml



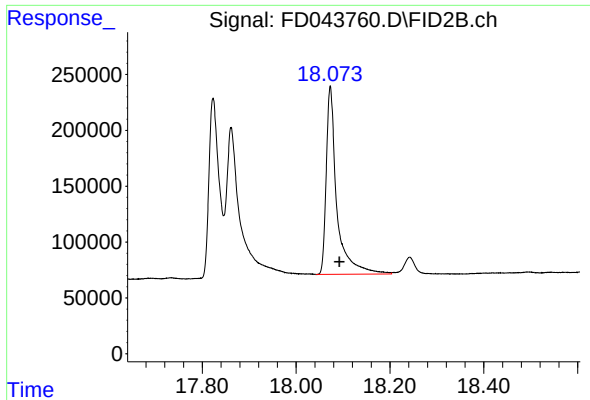
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.823 min
Delta R.T.: -0.019 min
Response: 2294313
Conc: 22.18 ug/ml m



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

R.T.: 17.862 min
Delta R.T.: -0.017 min
Response: 2931072
Conc: 20.83 ug/ml m



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

R.T.: 18.074 min
Delta R.T.: -0.018 min
Response: 2645112
Conc: 20.78 ug/ml

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