

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090222AR\
 Data File : FD043805.D
 Signal(s) : FID2B.ch
 Acq On : 02 Sep 2022 22:10
 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 09/06/2022
 Supervised By :Ankita Jodhani 09/06/2022

Integration File: autoint1.e
 Quant Time: Sep 05 04:08:10 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 082322.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 05 01:51:33 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...	7.437	3454401	19.993 ug/ml
Spiked Amount 50.000		Recovery =	39.99%
6) S 2-Fluorobiphenyl (SURR)	8.291	2058381	20.462 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.92%
11) S ortho-Terphenyl (SURR)	11.321	3972991	18.990 ug/ml
Spiked Amount 50.000		Recovery =	37.98%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.246	4003091	20.101 ug/ml
2) T Naphthalene (C11.7)	5.777	3915414	19.480 ug/ml
3) T 2-Methylnaphthalene (...)	6.823	3519820	19.501 ug/ml
5) T Acenaphthylene (C15.06)	8.384	4119486	20.609 ug/ml
7) T Acenaphthene (C15.5)	8.384	4119486	19.164 ug/ml
8) T Flouorene (C16.55)	9.165	3665594	19.120 ug/ml
9) T Phenanthrene (C19.36)	10.555	3505020	19.491 ug/mlm
10) T Anthracene (C19.43)	10.632	3099492	15.935 ug/ml
12) T Fluoranthene (C21.85)	12.360	3445192	18.892 ug/ml
13) T Pyrene (C20.8)	12.654	3433159	18.392 ug/ml
14) T Benzo[a]anthracene (C...	14.521	2754830	19.254 ug/mlm
15) T Chrysene (C27.41)	14.564	3261021	16.896 ug/ml
16) T benzo[b]fluoranthene ...	16.065	2949270	20.438 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.097	2871554	16.696 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.444	2462867	16.961 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.805	2559289	24.747 ug/mlm
20) T Dibenz[a,h]anthracene...	17.843	2940125	20.893 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.056	2891641	22.714 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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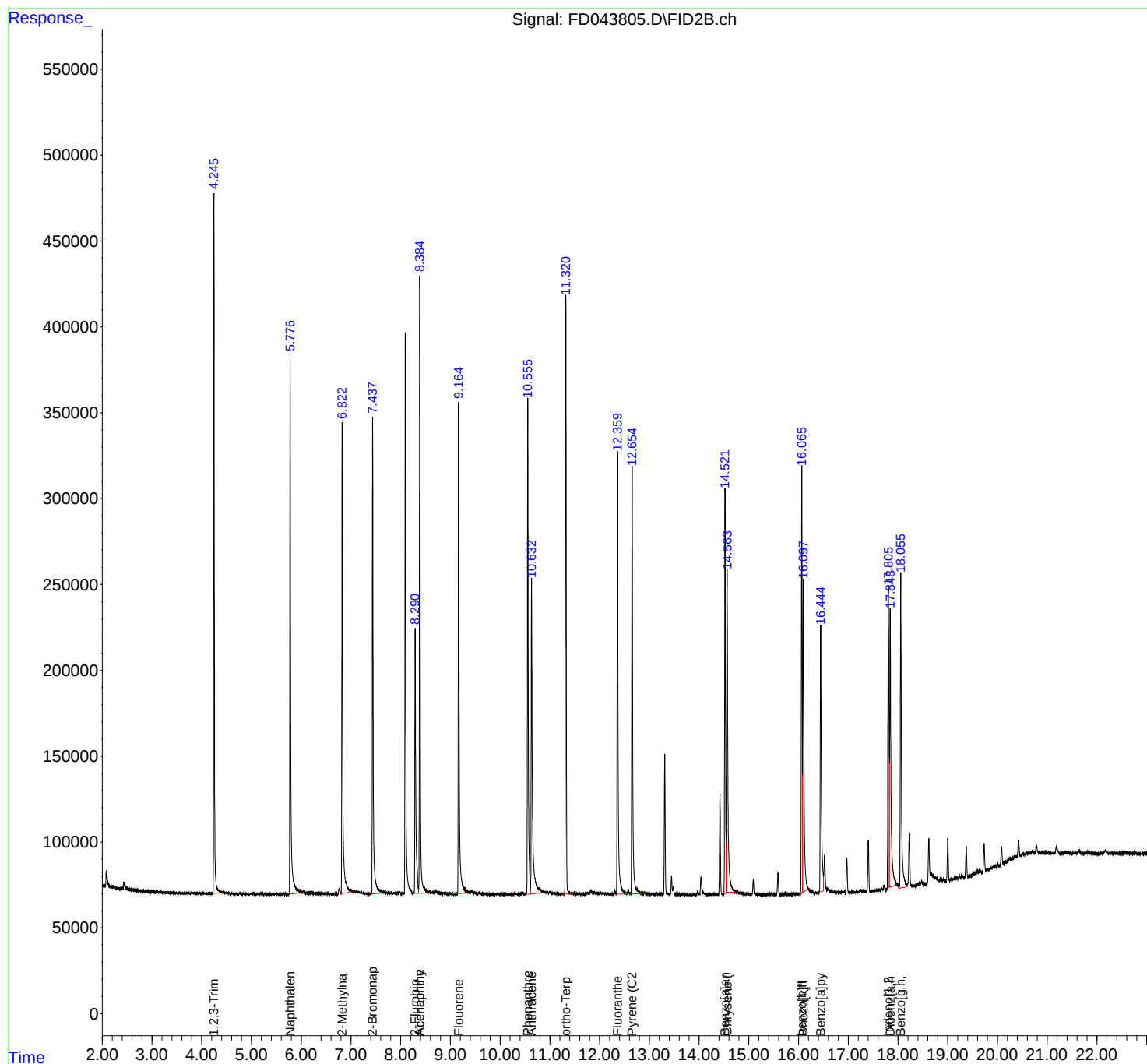
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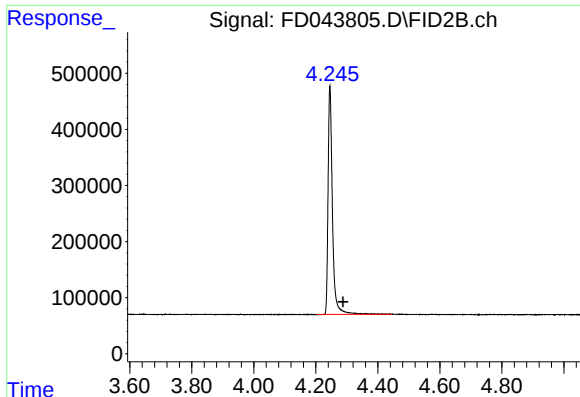
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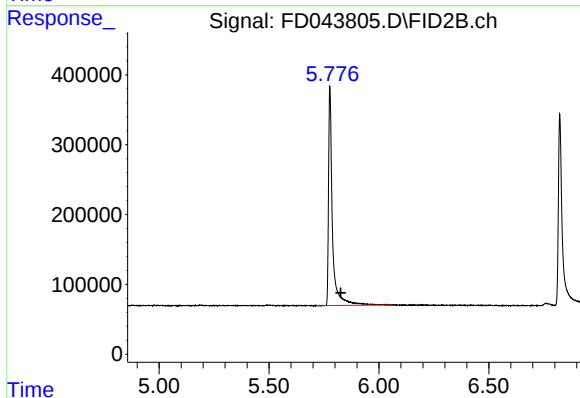
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.246 min
Delta R.T.: -0.042 min
Response: 4003091
Conc: 20.10 ug/ml

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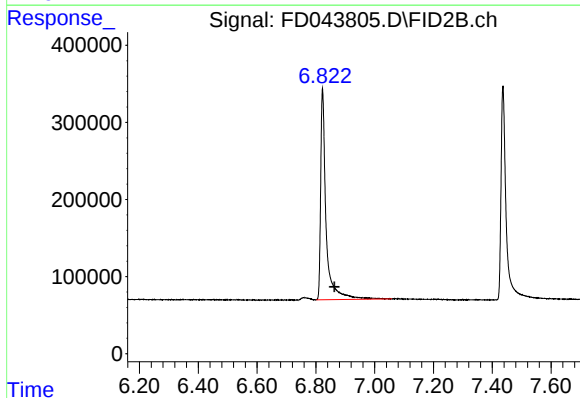
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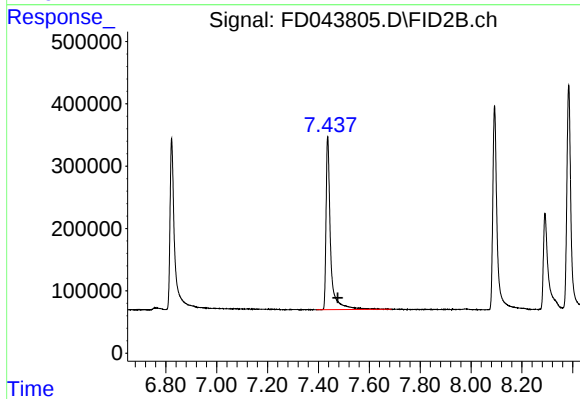
#2 Naphthalene (C11.7)

R.T.: 5.777 min
Delta R.T.: -0.048 min
Response: 3915414
Conc: 19.48 ug/ml



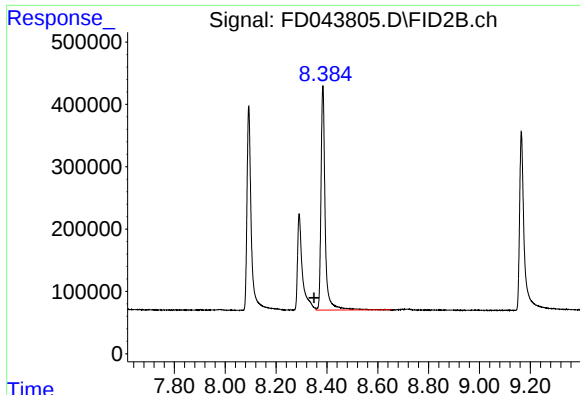
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.823 min
Delta R.T.: -0.040 min
Response: 3519820
Conc: 19.50 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.437 min
Delta R.T.: -0.039 min
Response: 3454401
Conc: 19.99 ug/ml



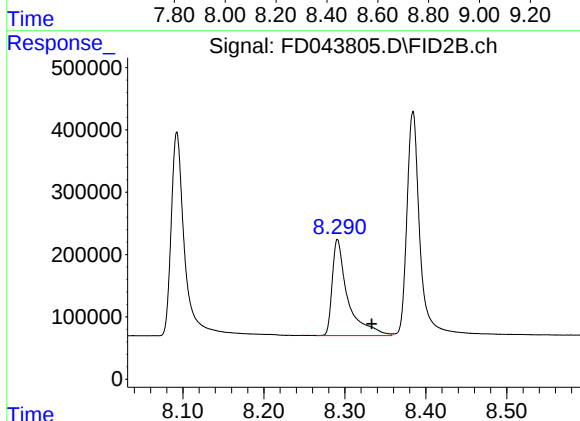
#5 Acenaphthylene (C15.06)

R.T.: 8.384 min
Delta R.T.: 0.034 min
Response: 4119486
Conc: 20.61 ug/ml

Instrument :
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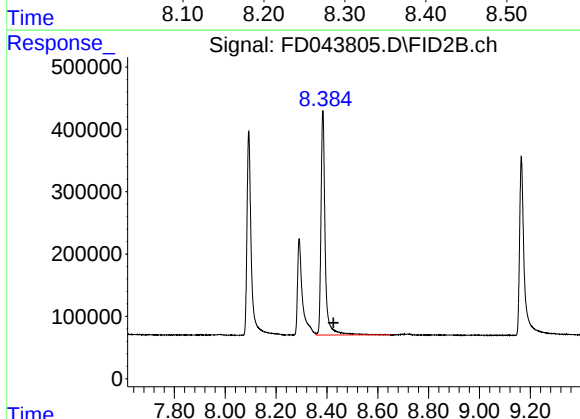
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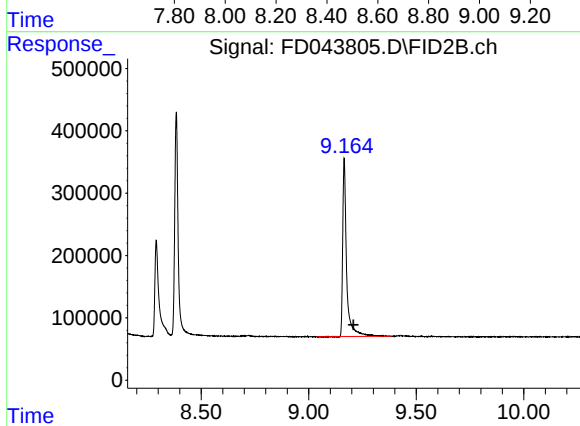
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.291 min
Delta R.T.: -0.042 min
Response: 2058381
Conc: 20.46 ug/ml



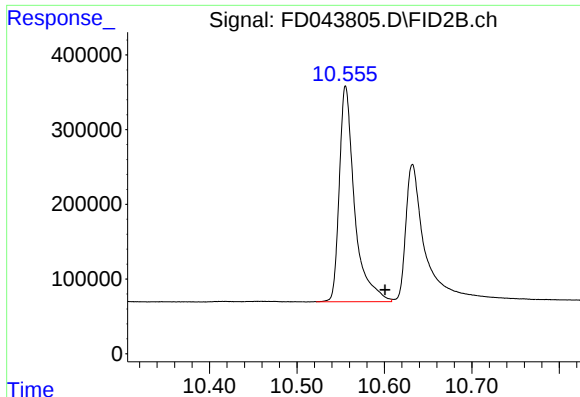
#7 Acenaphthene (C15.5)

R.T.: 8.384 min
Delta R.T.: -0.042 min
Response: 4119486
Conc: 19.16 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.165 min
Delta R.T.: -0.043 min
Response: 3665594
Conc: 19.12 ug/ml



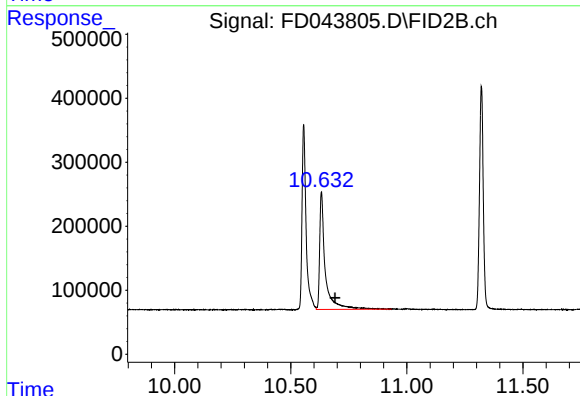
#9 Phenanthrene (C19.36)

R.T.: 10.555 min
Delta R.T.: -0.046 min
Response: 3505020
Conc: 19.49 ug/ml

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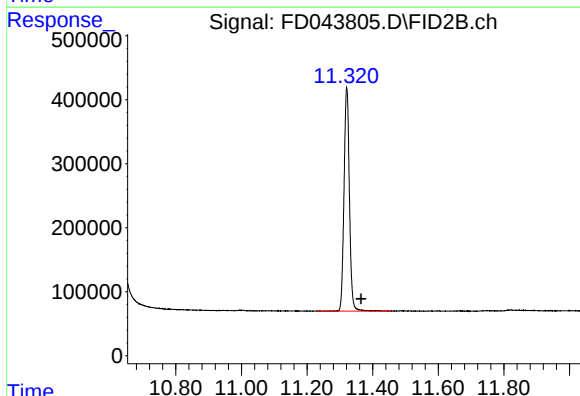
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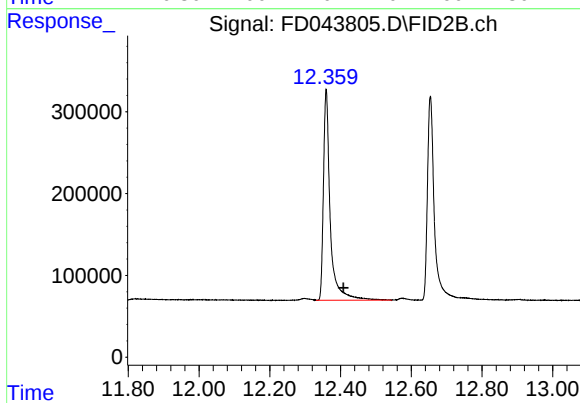
#10 Anthracene (C19.43)

R.T.: 10.632 min
Delta R.T.: -0.059 min
Response: 3099492
Conc: 15.94 ug/ml



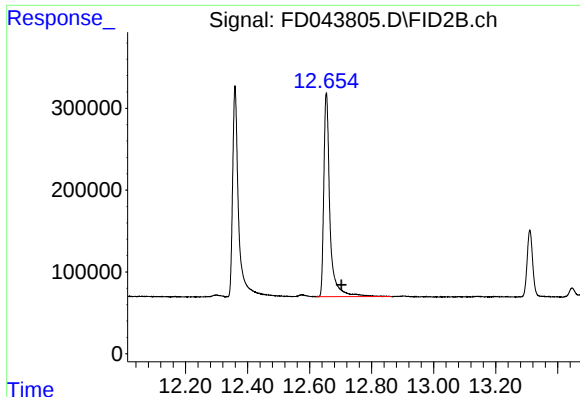
#11 ortho-Terphenyl (SURR)

R.T.: 11.321 min
Delta R.T.: -0.044 min
Response: 3972991
Conc: 18.99 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.360 min
Delta R.T.: -0.048 min
Response: 3445192
Conc: 18.89 ug/ml



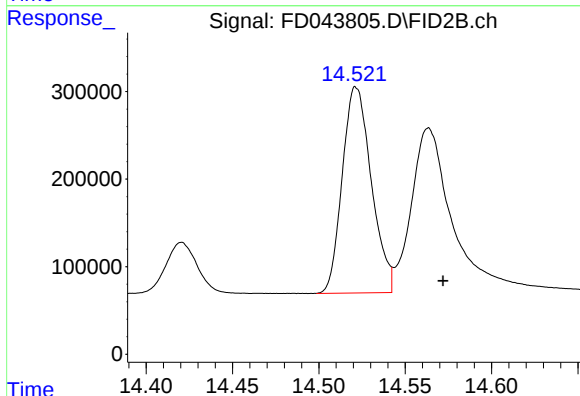
#13 Pyrene (C20.8)

R.T.: 12.654 min
Delta R.T.: -0.048 min
Response: 3433159
Conc: 18.39 ug/ml

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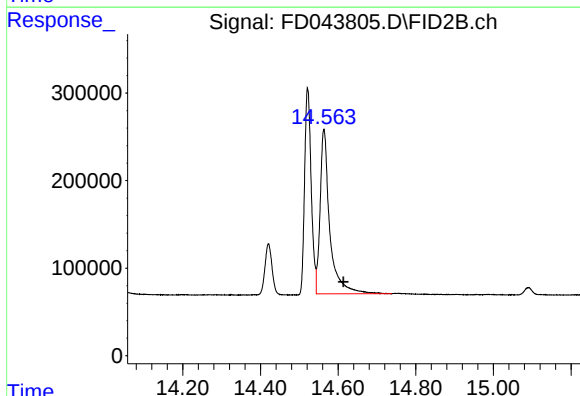
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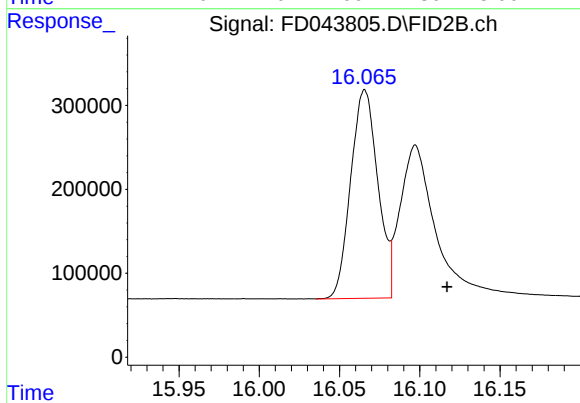
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.521 min
Delta R.T.: -0.051 min
Response: 2754830
Conc: 19.25 ug/ml m



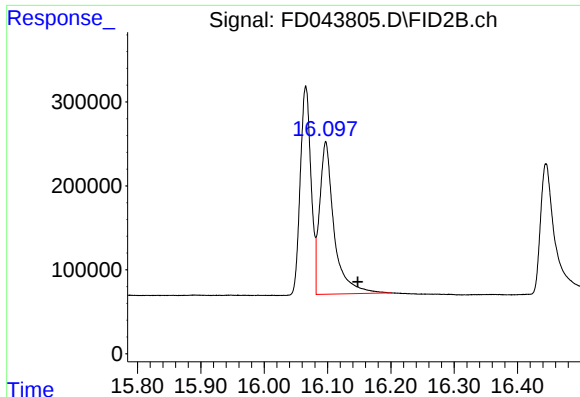
#15 Chrysene (C27.41)

R.T.: 14.564 min
Delta R.T.: -0.050 min
Response: 3261021
Conc: 16.90 ug/ml



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

R.T.: 16.065 min
Delta R.T.: -0.052 min
Response: 2949270
Conc: 20.44 ug/ml m



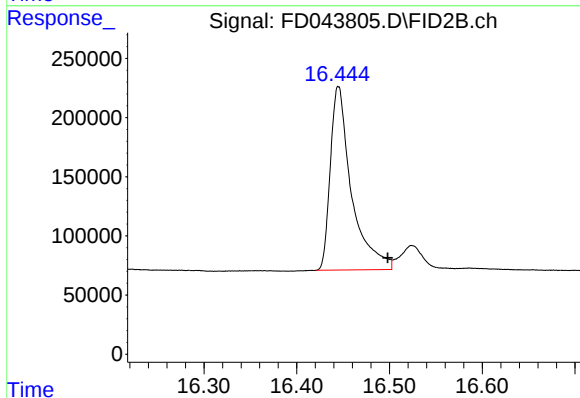
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.097 min
Delta R.T.: -0.051 min
Response: 2871554
Conc: 16.70 ug/ml

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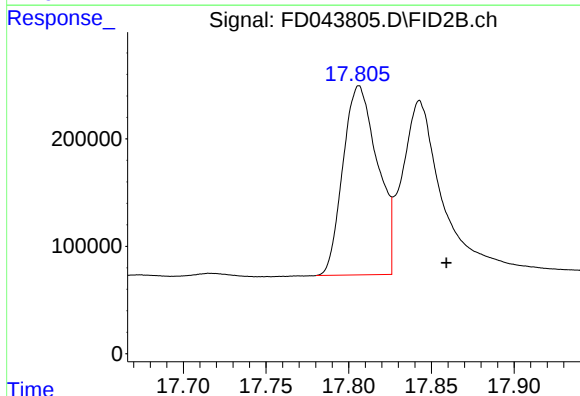
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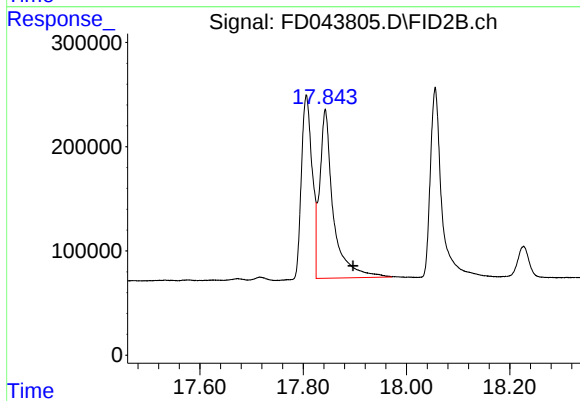
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.444 min
Delta R.T.: -0.054 min
Response: 2462867
Conc: 16.96 ug/ml m



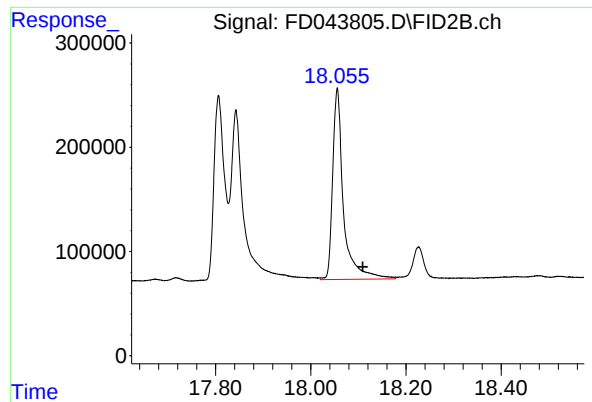
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.805 min
Delta R.T.: -0.054 min
Response: 2559289
Conc: 24.75 ug/ml m



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

R.T.: 17.843 min
Delta R.T.: -0.054 min
Response: 2940125
Conc: 20.89 ug/ml m



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

R.T.: 18.056 min
Delta R.T.: -0.053 min
Response: 2891641
Conc: 22.71 ug/ml

Instrument :

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