

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD062722AR\
 Data File : FD043057.D
 Signal(s) : FID2B.ch
 Acq On : 27 Jun 2022 12:09
 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 27 15:27:28 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	3152050	20.414 ug/ml
Spiked Amount 50.000		Recovery =	40.83%
6) S 2-Fluorobiphenyl (SURR)	8.495	2142484	20.313 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.63%
11) S ortho-Terphenyl (SURR)	11.540	3628199	19.963 ug/ml
Spiked Amount 50.000		Recovery =	39.93%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.430	3433588	20.444 ug/ml
2) T Naphthalene (C11.7)	5.969	3548933	20.271 ug/ml
3) T 2-Methylnaphthalene (...)	7.021	3291768	20.466 ug/ml
5) T Acenaphthylene (C15.06)	8.298	3549008	19.967 ug/ml
7) T Acenaphthene (C15.5)	8.594	3544667	20.242 ug/ml
8) T Flouorene (C16.55)	9.375	3509034	20.244 ug/ml
9) T Phenanthrene (C19.36)	10.772	3452914	20.132 ug/ml
10) T Anthracene (C19.43)	10.847	3342050	19.671 ug/ml
12) T Fluoranthene (C21.85)	12.585	3345537	19.948 ug/ml
13) T Pyrene (C20.8)	12.882	3241679	19.891 ug/mlm
14) T Benzo[a]anthracene (C...	14.753	3102396	19.977 ug/ml
15) T Chrysene (C27.41)	14.795	3130203	19.833 ug/ml
16) T benzo[b]fluoranthene ...	16.304	3030517	19.881 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.335	2948580	20.146 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.681	2898644	20.266 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.045	2562120	20.475 ug/ml
20) T Dibenz[a,h]anthracene...	18.085	2766717	20.580 ug/ml
21) T Benzo[g,h,i]perylene ...	18.300	2707705	20.760 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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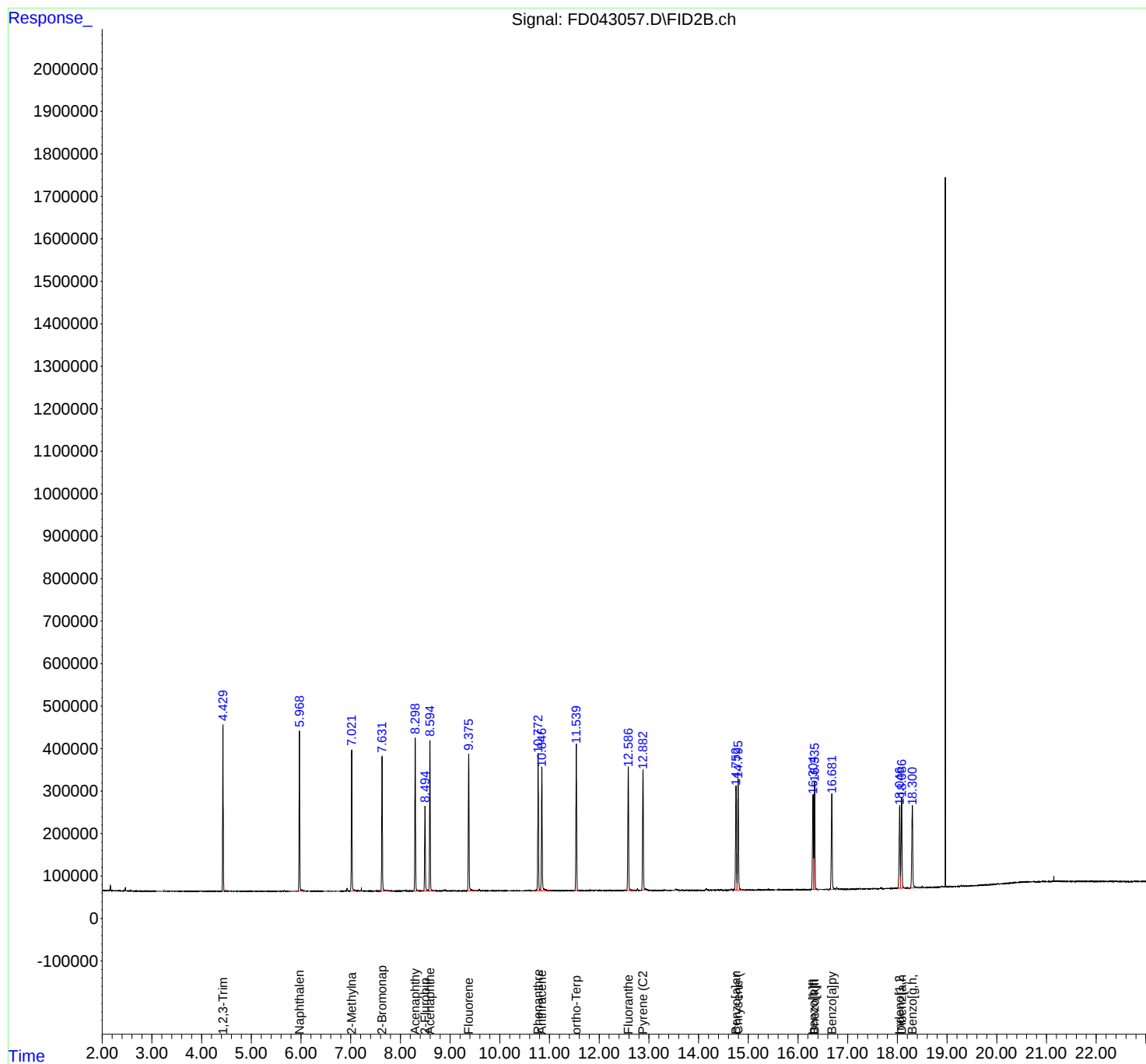
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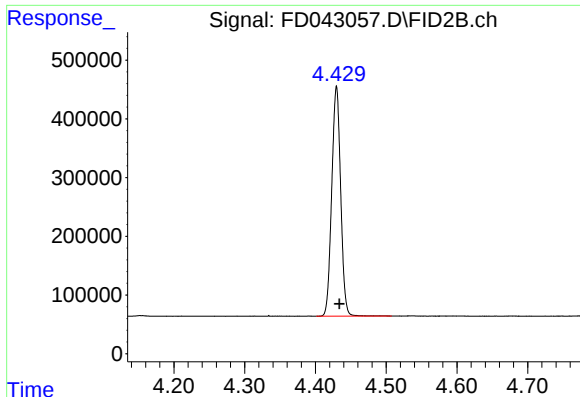
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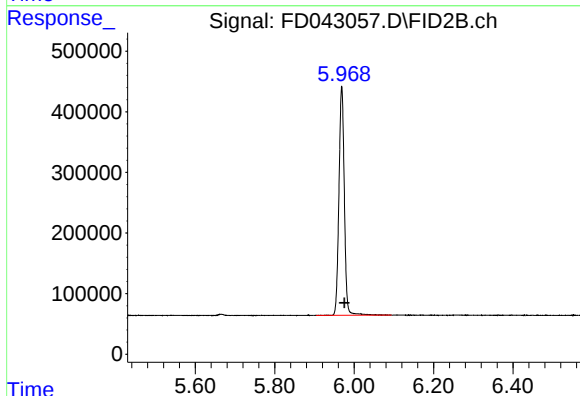
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.430 min
Delta R.T.: -0.004 min
Response: 3433588
Conc: 20.44 ug/ml

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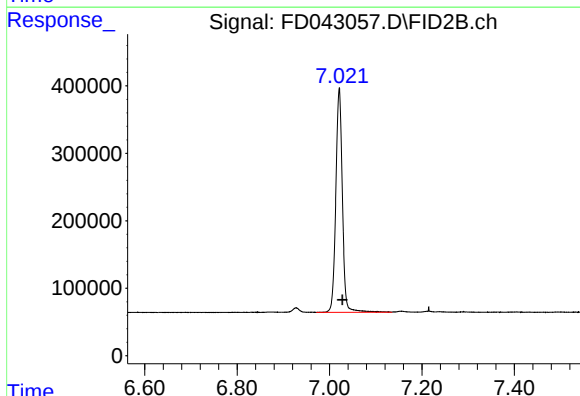
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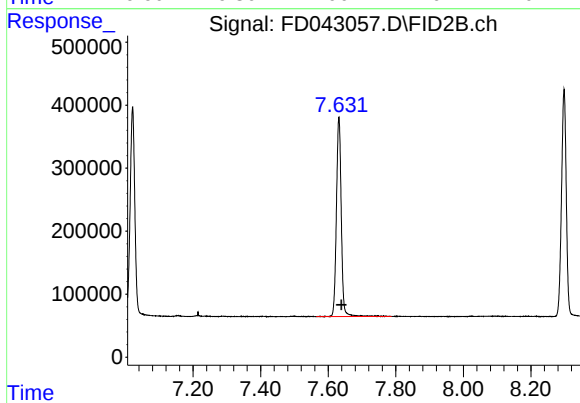
#2 Naphthalene (C11.7)

R.T.: 5.969 min
Delta R.T.: -0.006 min
Response: 3548933
Conc: 20.27 ug/ml



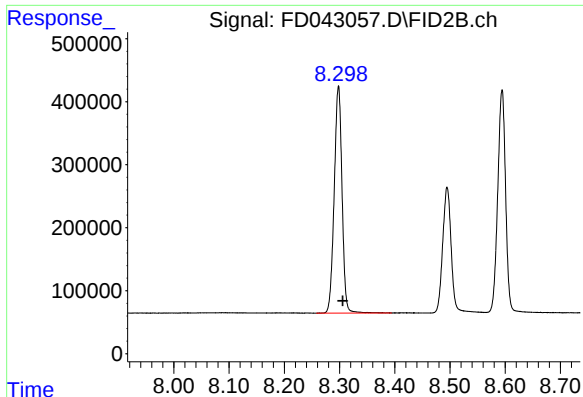
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.021 min
Delta R.T.: -0.007 min
Response: 3291768
Conc: 20.47 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.632 min
Delta R.T.: -0.008 min
Response: 3152050
Conc: 20.41 ug/ml



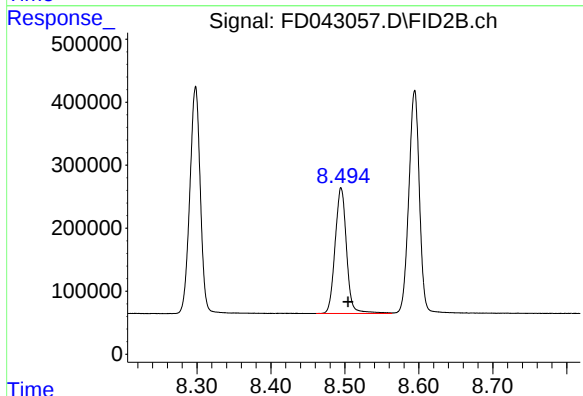
#5 Acenaphthylene (C15.06)

R.T.: 8.298 min
Delta R.T.: -0.008 min
Response: 3549008
Conc: 19.97 ug/ml

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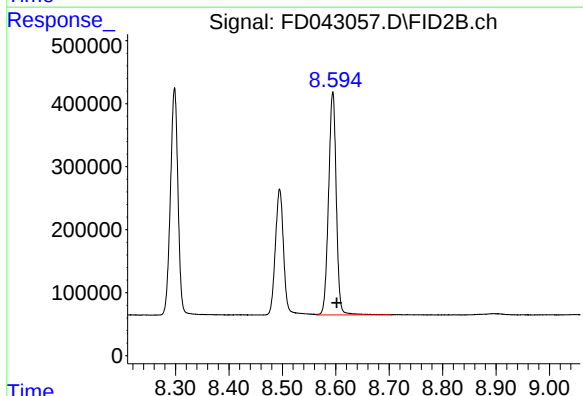
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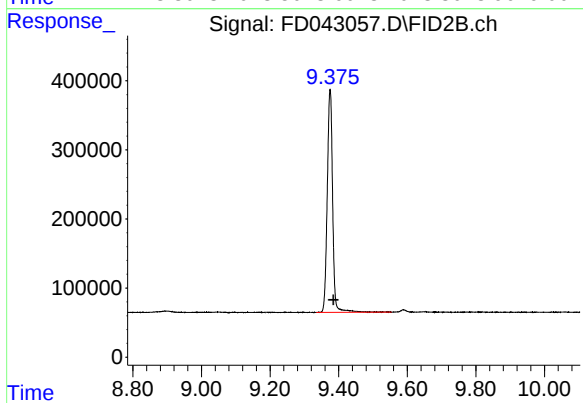
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.495 min
Delta R.T.: -0.009 min
Response: 2142484
Conc: 20.31 ug/ml



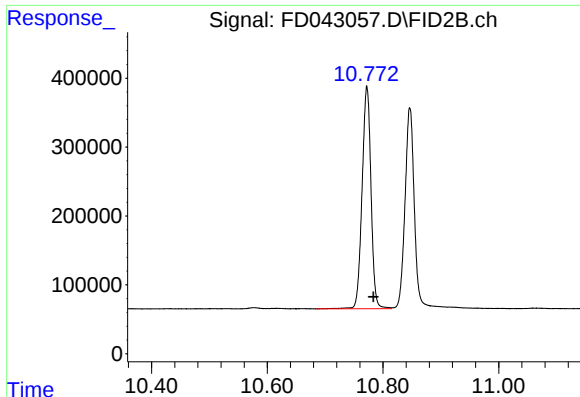
#7 Acenaphthene (C15.5)

R.T.: 8.594 min
Delta R.T.: -0.008 min
Response: 3544667
Conc: 20.24 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.375 min
Delta R.T.: -0.010 min
Response: 3509034
Conc: 20.24 ug/ml



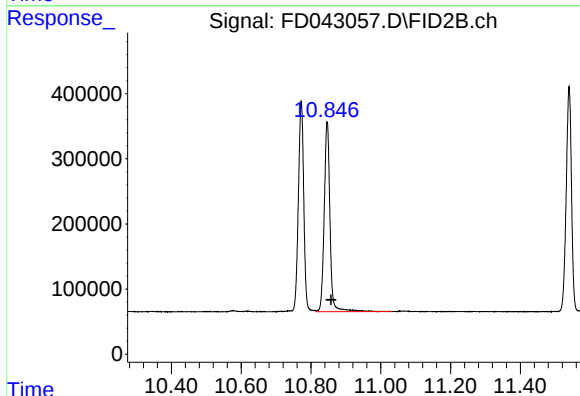
#9 Phenanthrene (C19.36)

R.T.: 10.772 min
Delta R.T.: -0.012 min
Response: 3452914
Conc: 20.13 ug/ml

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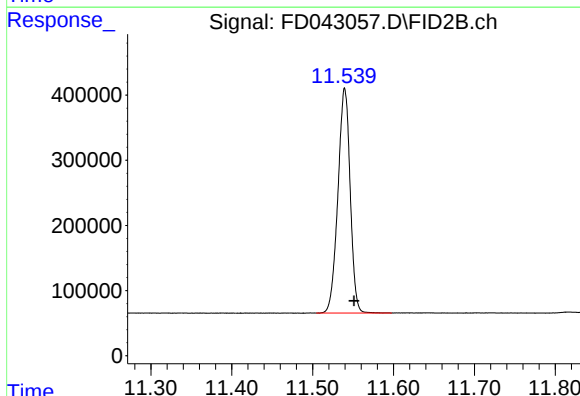
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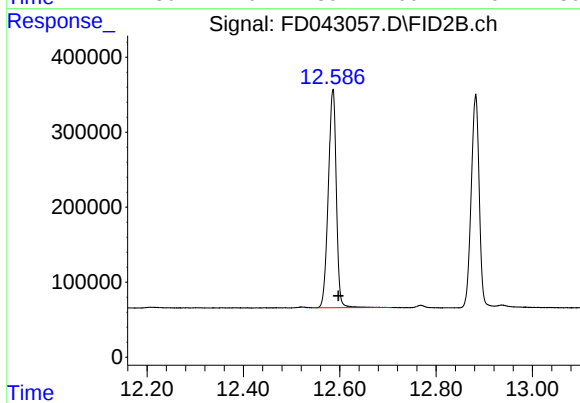
#10 Anthracene (C19.43)

R.T.: 10.847 min
Delta R.T.: -0.012 min
Response: 3342050
Conc: 19.67 ug/ml



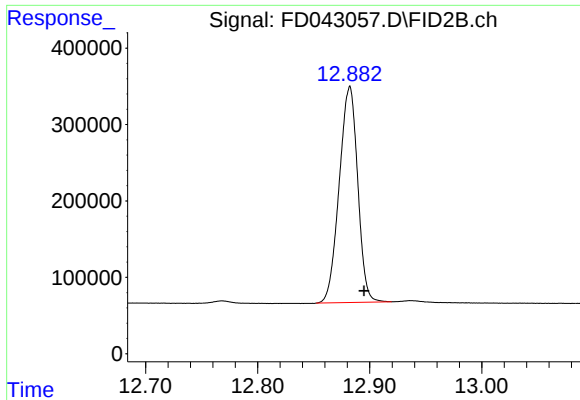
#11 ortho-Terphenyl (SURR)

R.T.: 11.540 min
Delta R.T.: -0.012 min
Response: 3628199
Conc: 19.96 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.585 min
Delta R.T.: -0.012 min
Response: 3345537
Conc: 19.95 ug/ml



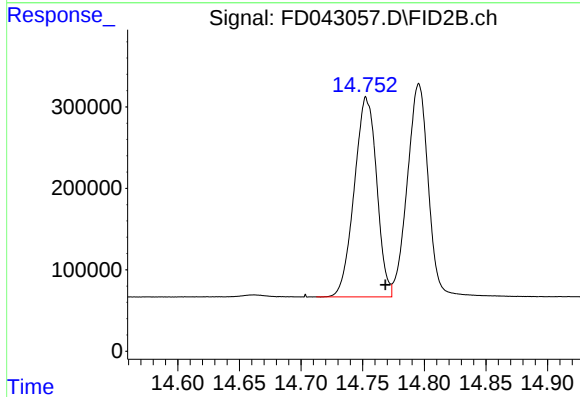
#13 Pyrene (C20.8)

R.T.: 12.882 min
Delta R.T.: -0.013 min
Response: 3241679
Conc: 19.89 ug/ml

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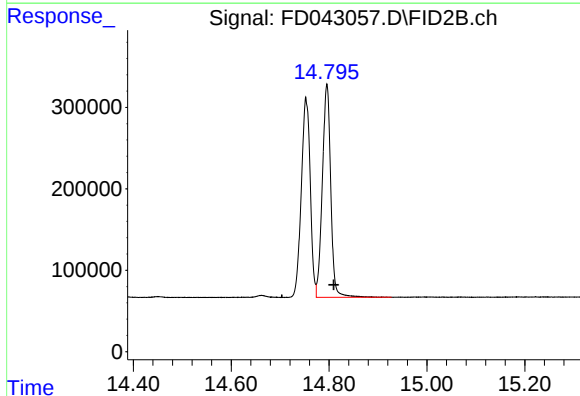
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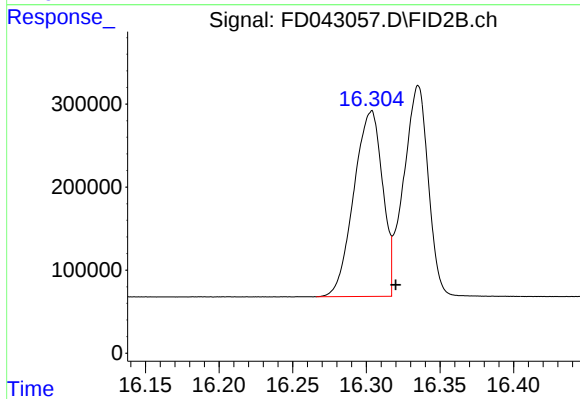
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.753 min
Delta R.T.: -0.015 min
Response: 3102396
Conc: 19.98 ug/ml



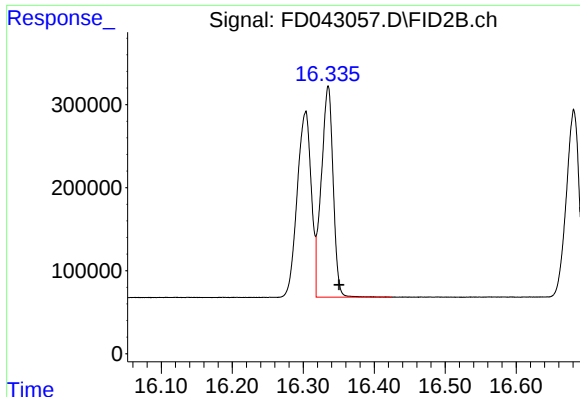
#15 Chrysene (C27.41)

R.T.: 14.795 min
Delta R.T.: -0.014 min
Response: 3130203
Conc: 19.83 ug/ml



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

R.T.: 16.304 min
Delta R.T.: -0.016 min
Response: 3030517
Conc: 19.88 ug/ml m



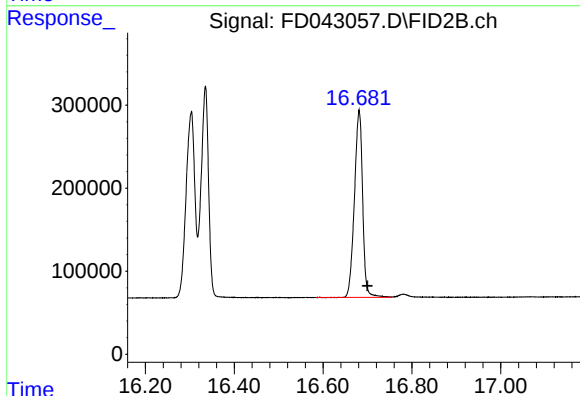
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.335 min
Delta R.T.: -0.016 min
Response: 2948580
Conc: 20.15 ug/ml

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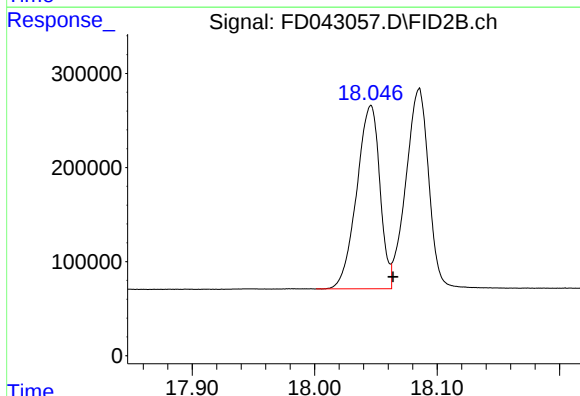
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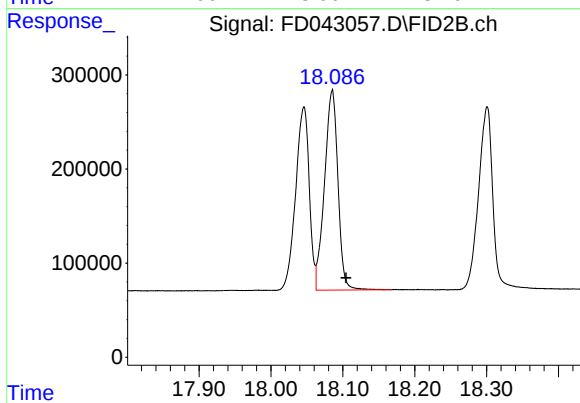
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.681 min
Delta R.T.: -0.019 min
Response: 2898644
Conc: 20.27 ug/ml



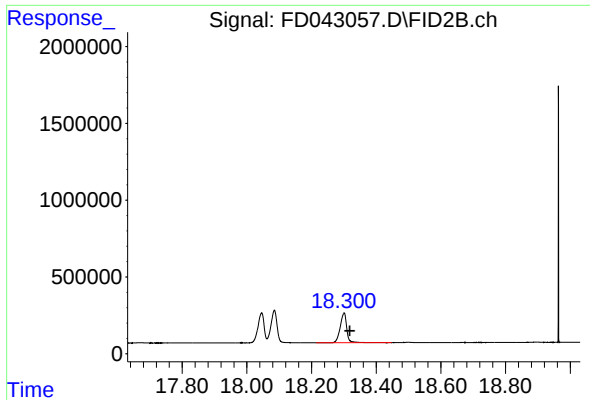
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.045 min
Delta R.T.: -0.019 min
Response: 2562120
Conc: 20.47 ug/ml



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

R.T.: 18.085 min
Delta R.T.: -0.020 min
Response: 2766717
Conc: 20.58 ug/ml



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

R.T.: 18.300 min
Delta R.T.: -0.018 min
Response: 2707705
Conc: 20.76 ug/ml

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