

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070522AR\
 Data File : FD043157.D
 Signal(s) : FID2B.ch
 Acq On : 05 Jul 2022 11:51
 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 07/06/2022
 Supervised By :Ankita Jodhani 07/06/2022

Integration File: autoint1.e
 Quant Time: Jul 06 05:27:11 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...	7.627	3104009	20.102 ug/ml
Spiked Amount 50.000		Recovery =	40.20%
6) S 2-Fluorobiphenyl (SURR)	8.490	2068871	19.615 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	39.23%
11) S ortho-Terphenyl (SURR)	11.534	3518993	19.362 ug/ml
Spiked Amount 50.000		Recovery =	38.72%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.425	3495392	20.812 ug/ml
2) T Naphthalene (C11.7)	5.964	3557204	20.319 ug/ml
3) T 2-Methylnaphthalene (...)	7.017	3242115	20.157 ug/ml
5) T Acenaphthylene (C15.06)	8.293	3473054	19.539 ug/ml
7) T Acenaphthene (C15.5)	8.589	3484737	19.900 ug/ml
8) T Flouorene (C16.55)	9.370	3391605	19.566 ug/ml
9) T Phenanthrene (C19.36)	10.767	3257566	18.993 ug/ml
10) T Anthracene (C19.43)	10.841	3220122	18.954 ug/ml
12) T Fluoranthene (C21.85)	12.579	3113249	18.563 ug/ml
13) T Pyrene (C20.8)	12.876	3025794	18.567 ug/mlm
14) T Benzo[a]anthracene (C...	14.747	2820293	18.160 ug/mlm
15) T Chrysene (C27.41)	14.790	2909113	18.432 ug/ml
16) T benzo[b]fluoranthene ...	16.299	2914115	19.117 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.329	2791891	19.075 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.675	2749768	19.225 ug/ml
19) T Indeno[1,2,3-cd]pyren...	18.040	2526335	20.189 ug/mlm
20) T Dibenz[a,h]anthracene...	18.079	2801927	20.842 ug/ml
21) T Benzo[g,h,i]perylene ...	18.294	2725595	20.897 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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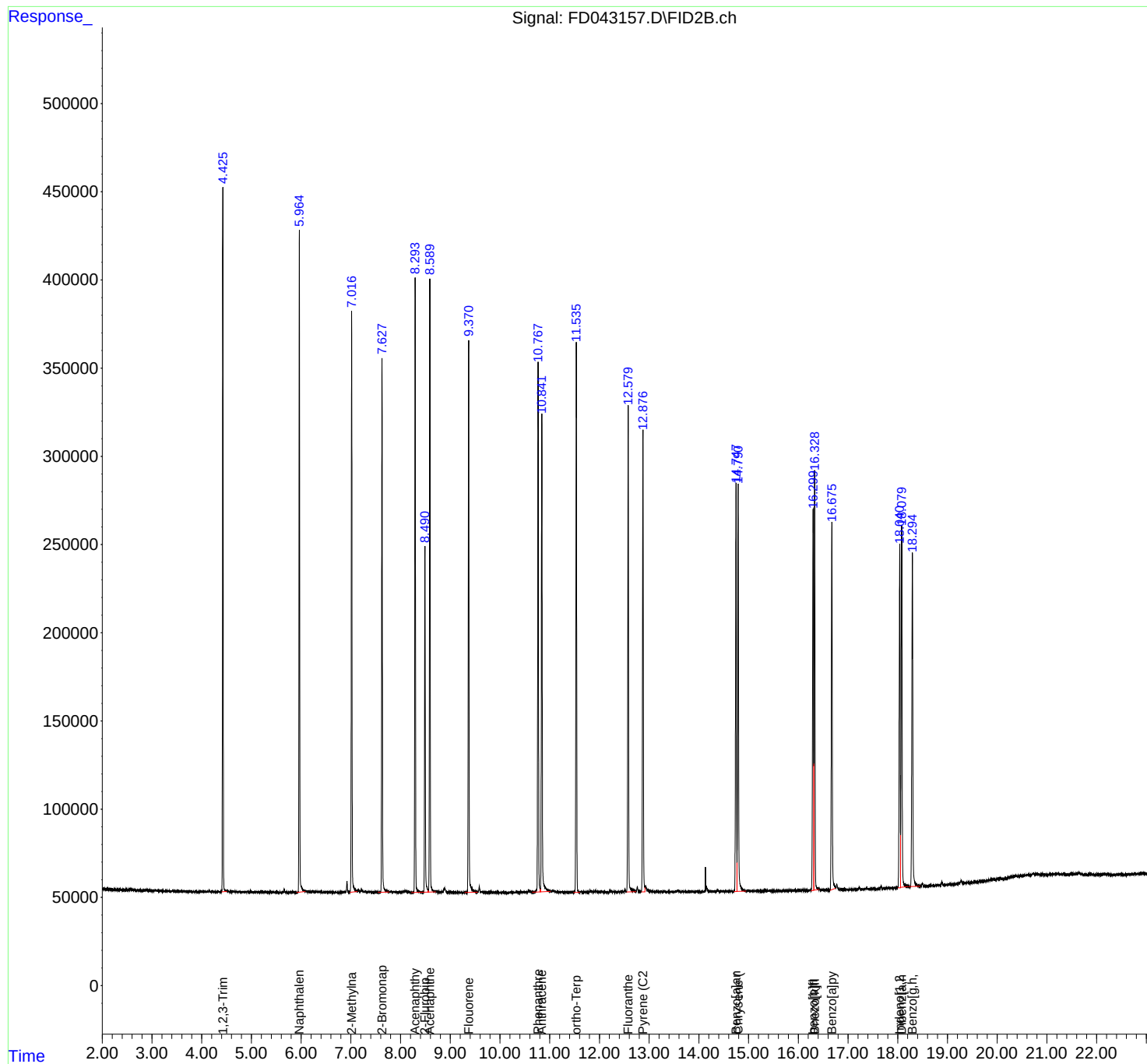
Instrument :
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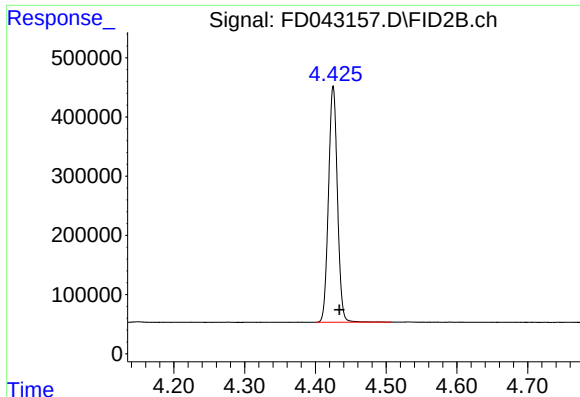
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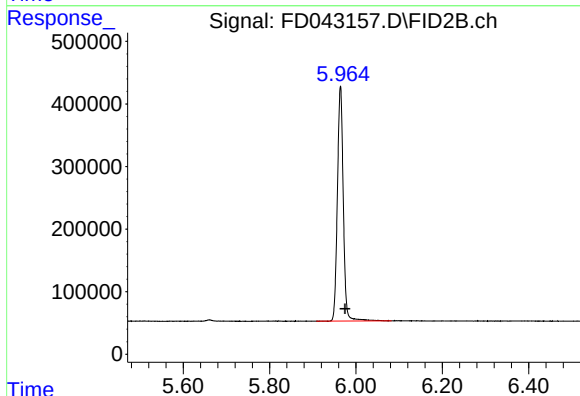
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.425 min
Delta R.T.: -0.009 min
Response: 3495392
Conc: 20.81 ug/ml

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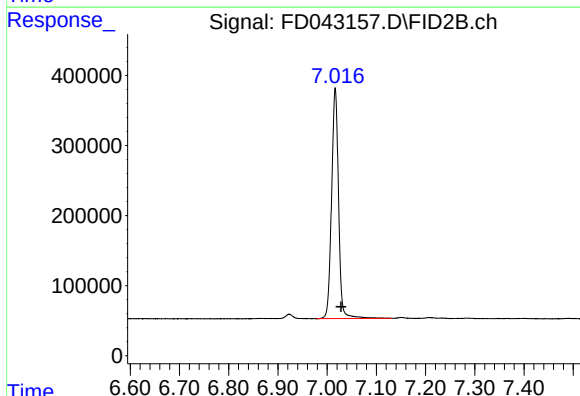
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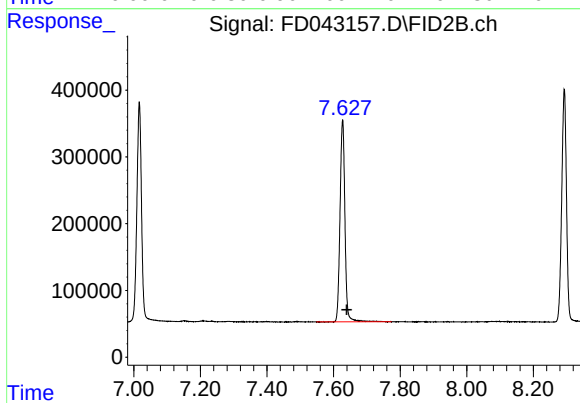
#2 Naphthalene (C11.7)

R.T.: 5.964 min
Delta R.T.: -0.011 min
Response: 3557204
Conc: 20.32 ug/ml



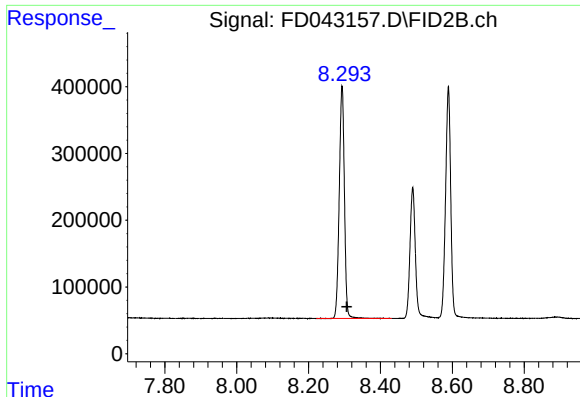
#3 2-Methylnaphthalene (C12.89)

R.T.: 7.017 min
Delta R.T.: -0.012 min
Response: 3242115
Conc: 20.16 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.627 min
Delta R.T.: -0.012 min
Response: 3104009
Conc: 20.10 ug/ml



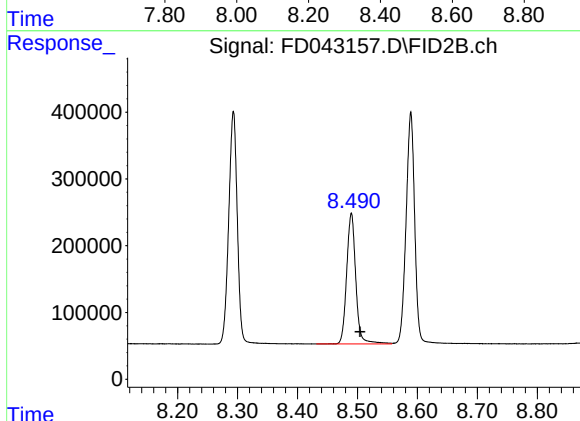
#5 Acenaphthylene (C15.06)

R.T.: 8.293 min
Delta R.T.: -0.013 min
Response: 3473054
Conc: 19.54 ug/ml

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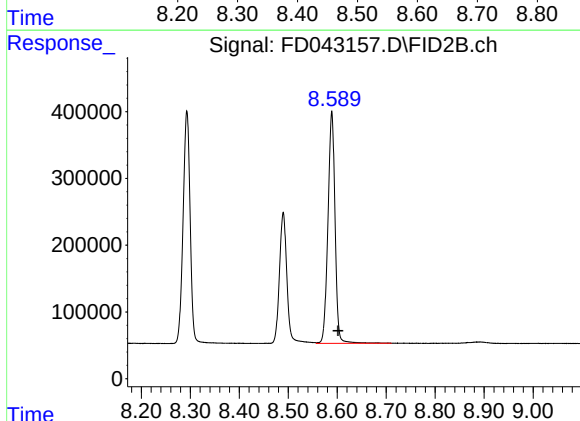
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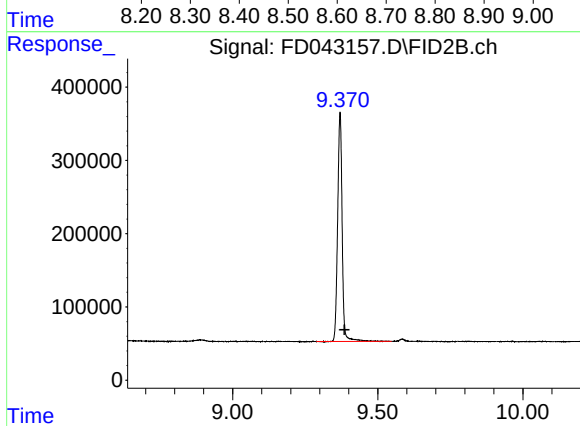
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.490 min
Delta R.T.: -0.014 min
Response: 2068871
Conc: 19.61 ug/ml



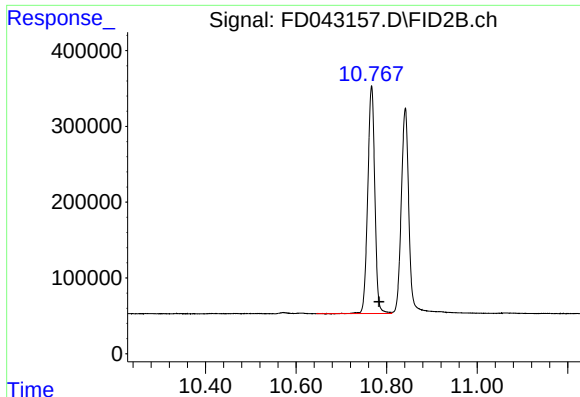
#7 Acenaphthene (C15.5)

R.T.: 8.589 min
Delta R.T.: -0.013 min
Response: 3484737
Conc: 19.90 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.370 min
Delta R.T.: -0.015 min
Response: 3391605
Conc: 19.57 ug/ml



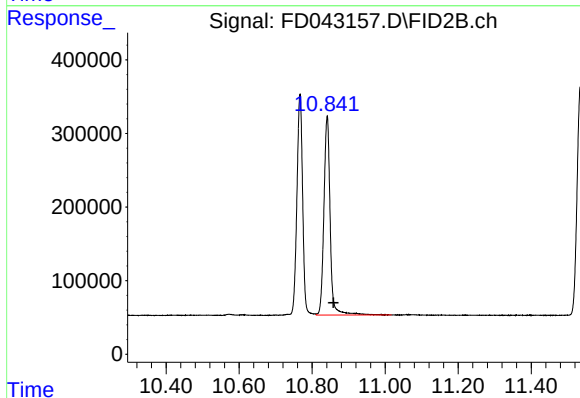
#9 Phenanthrene (C19.36)

R.T.: 10.767 min
Delta R.T.: -0.017 min
Response: 3257566
Conc: 18.99 ug/ml

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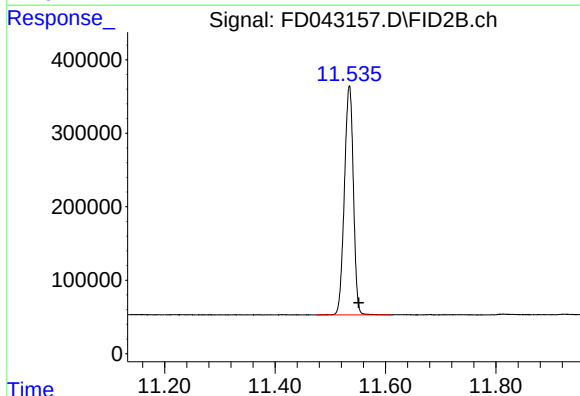
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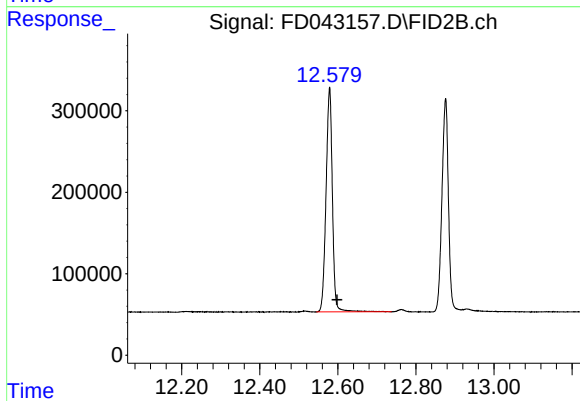
#10 Anthracene (C19.43)

R.T.: 10.841 min
Delta R.T.: -0.017 min
Response: 3220122
Conc: 18.95 ug/ml



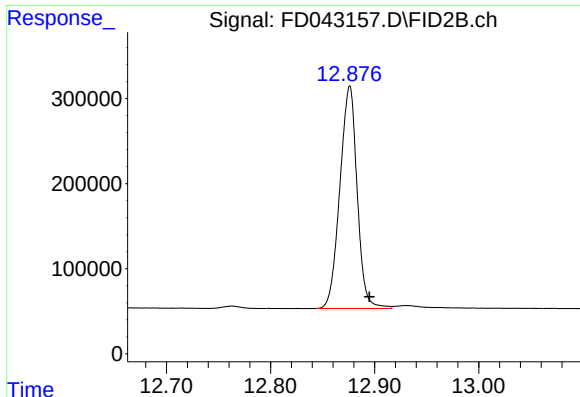
#11 ortho-Terphenyl (SURR)

R.T.: 11.534 min
Delta R.T.: -0.017 min
Response: 3518993
Conc: 19.36 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.579 min
Delta R.T.: -0.019 min
Response: 3113249
Conc: 18.56 ug/ml



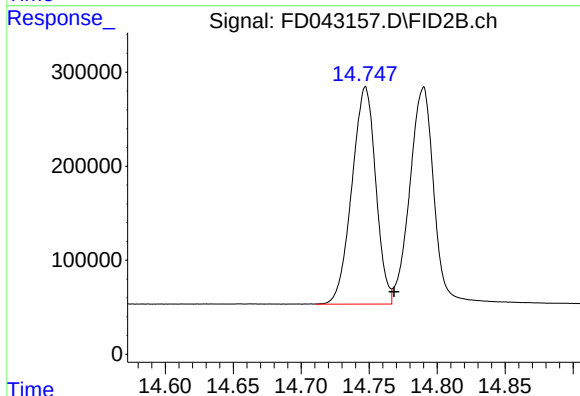
#13 Pyrene (C20.8)

R.T.: 12.876 min
Delta R.T.: -0.019 min
Response: 3025794
Conc: 18.57 ug/ml

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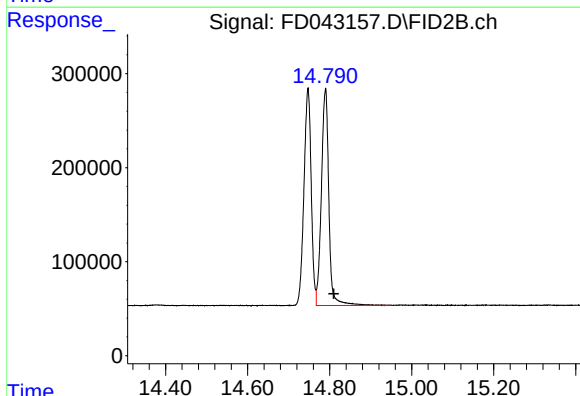
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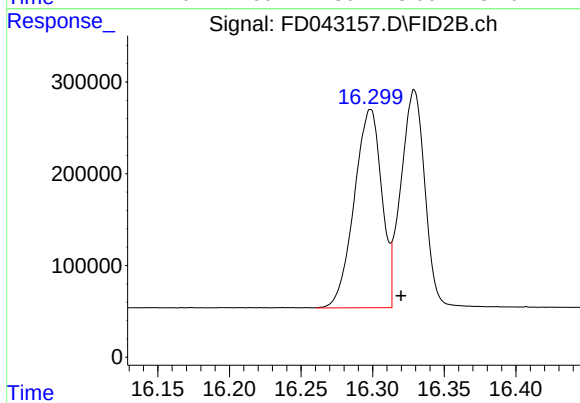
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.747 min
Delta R.T.: -0.021 min
Response: 2820293
Conc: 18.16 ug/ml m



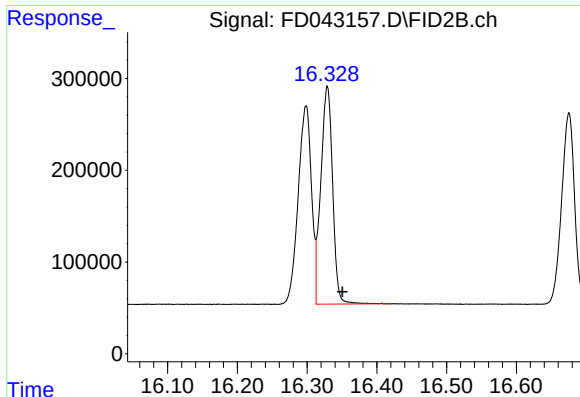
#15 Chrysene (C27.41)

R.T.: 14.790 min
Delta R.T.: -0.020 min
Response: 2909113
Conc: 18.43 ug/ml



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

R.T.: 16.299 min
Delta R.T.: -0.021 min
Response: 2914115
Conc: 19.12 ug/ml m



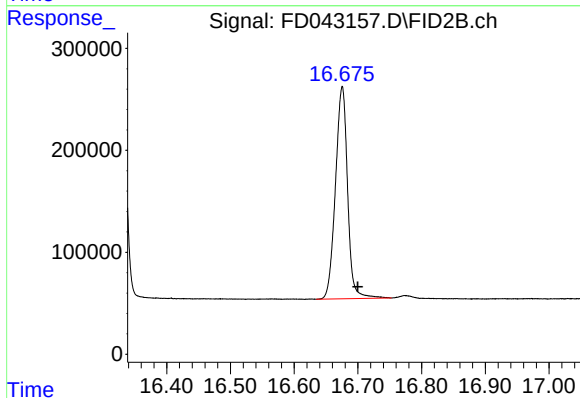
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.329 min
Delta R.T.: -0.022 min
Response: 2791891
Conc: 19.08 ug/ml

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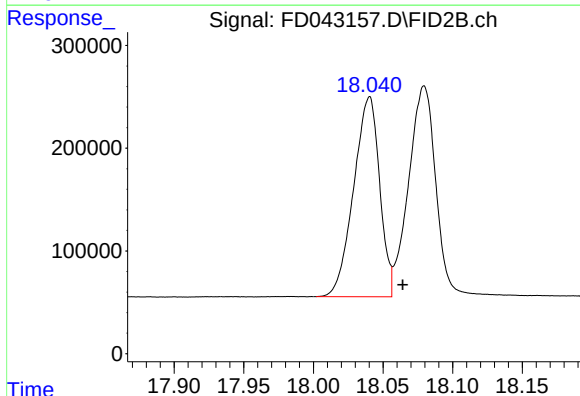
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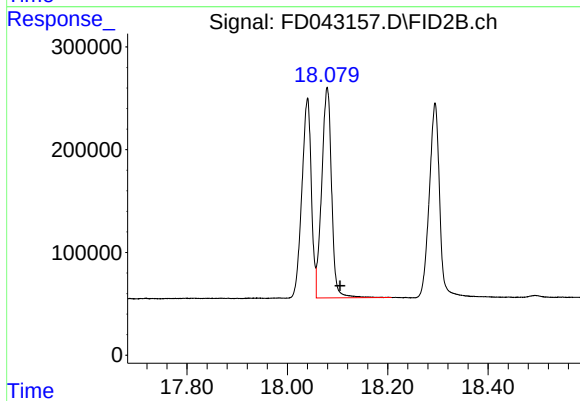
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.675 min
Delta R.T.: -0.025 min
Response: 2749768
Conc: 19.22 ug/ml



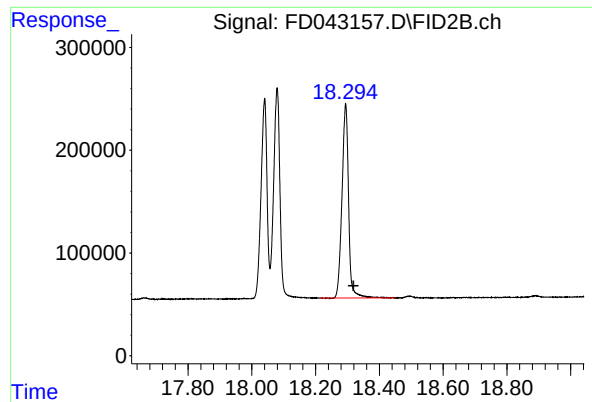
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 18.040 min
Delta R.T.: -0.024 min
Response: 2526335
Conc: 20.19 ug/ml m



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

R.T.: 18.079 min
Delta R.T.: -0.026 min
Response: 2801927
Conc: 20.84 ug/ml



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

R.T.: 18.294 min
Delta R.T.: -0.024 min
Response: 2725595
Conc: 20.90 ug/ml

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