

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD083022AR\
 Data File : FD043777.D
 Signal(s) : FID2B.ch
 Acq On : 31 Aug 2022 03:15
 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 08/31/2022
 Supervised By :Ankita Jodhani 08/31/2022

Integration File: autoint1.e
 Quant Time: Aug 31 04:24:38 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...	7.444	3718851	21.524 ug/ml
Spiked Amount 50.000		Recovery =	43.05%
6) S 2-Fluorobiphenyl (SURR)	8.298	2325888	23.122 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	46.24%
11) S ortho-Terphenyl (SURR)	11.332	4219873	20.170 ug/ml
Spiked Amount 50.000		Recovery =	40.34%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.251	4253253	21.357 ug/ml
2) T Naphthalene (C11.7)	5.783	4218169	20.986 ug/ml
3) T 2-Methylnaphthalene (...)	6.830	3740790	20.725 ug/ml
5) T Acenaphthylene (C15.06)	8.101	4127344	20.648 ug/ml
7) T Acenaphthene (C15.5)	8.393	4296457	19.987 ug/ml
8) T Flouorene (C16.55)	9.173	4004148	20.886 ug/ml
9) T Phenanthrene (C19.36)	10.565	3804267	21.155 ug/ml
10) T Anthracene (C19.43)	10.641	3471679	17.849 ug/ml
12) T Fluoranthene (C21.85)	12.370	3529828	19.356 ug/mlm
13) T Pyrene (C20.8)	12.665	3656671	19.589 ug/ml
14) T Benzo[a]anthracene (C...	14.534	3048001	21.303 ug/ml
15) T Chrysene (C27.41)	14.576	3405920	17.646 ug/ml
16) T benzo[b]fluoranthene ...	16.080	3049094	21.130 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.111	3000131	17.443 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.458	2784077	19.173 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.821	2551199	24.669 ug/mlm
20) T Dibenz[a,h]anthracene...	17.857	2937086	20.871 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.072	2962737	23.273 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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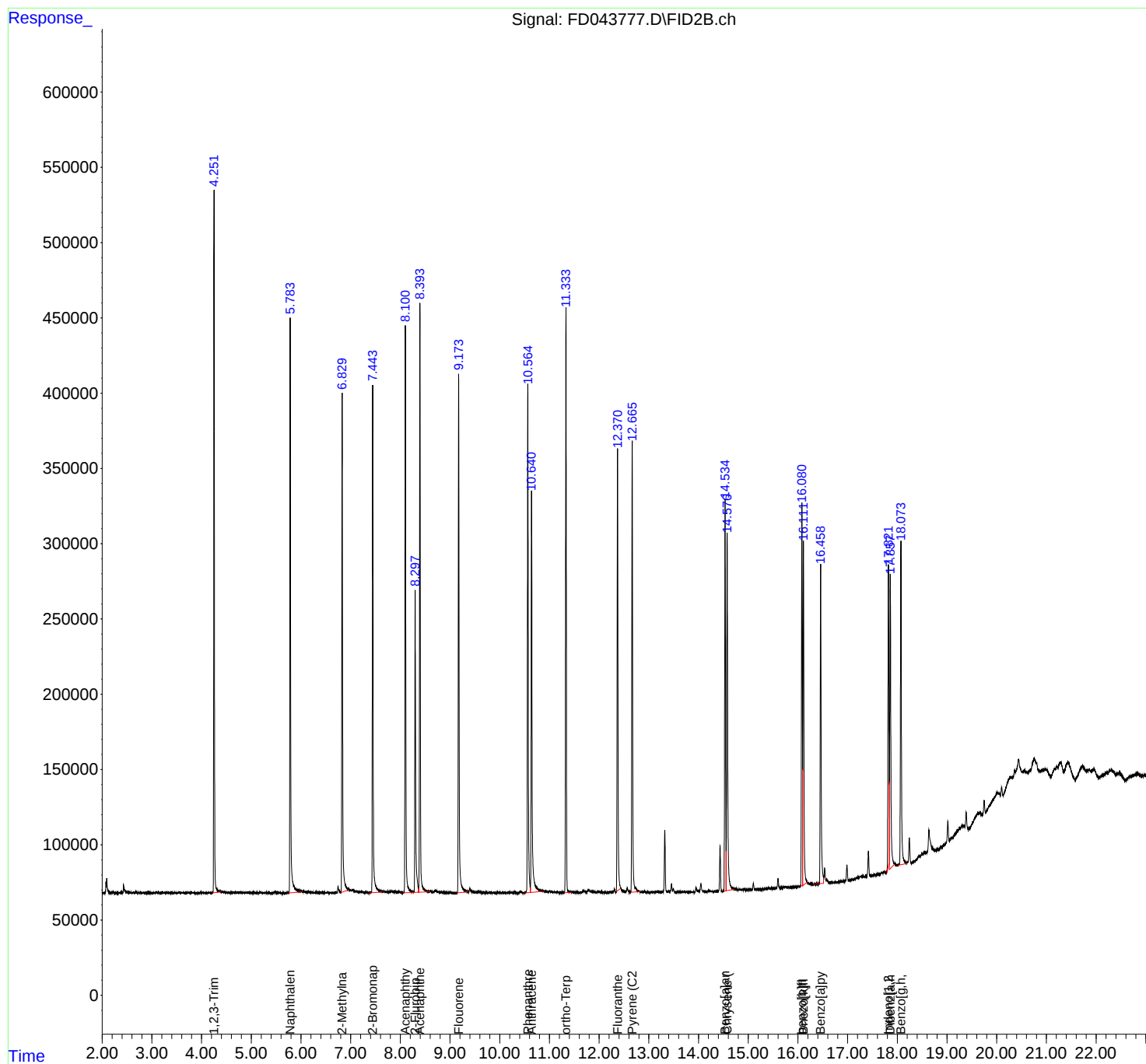
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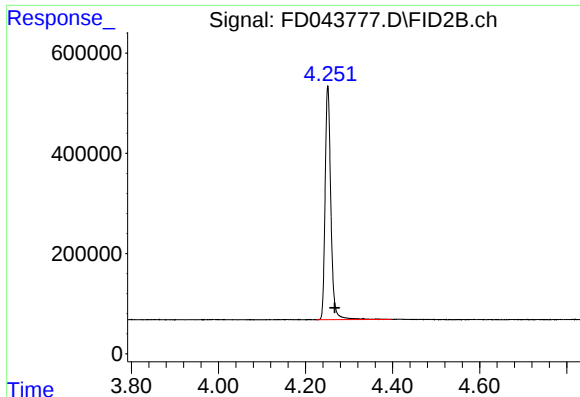
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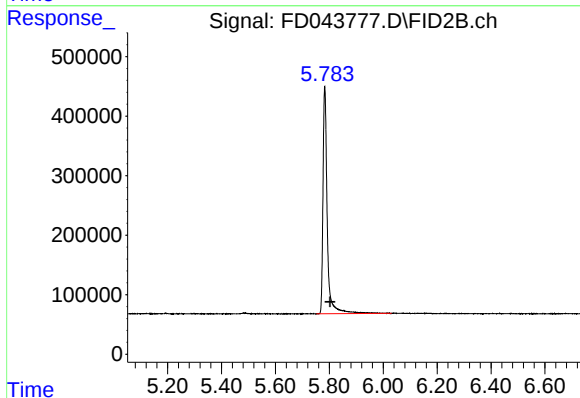
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.251 min
Delta R.T.: -0.016 min
Response: 4253253
Conc: 21.36 ug/ml

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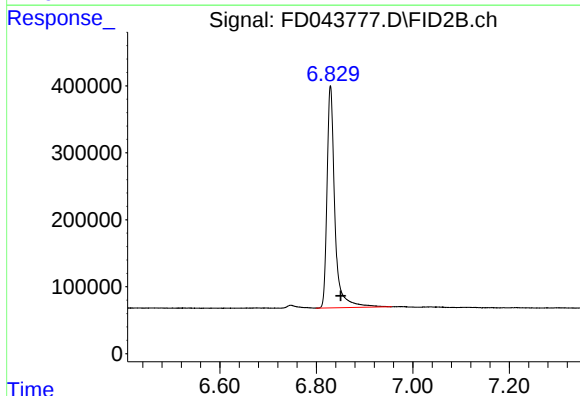
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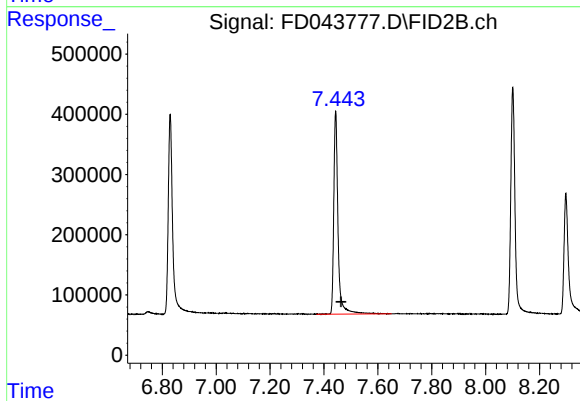
#2 Naphthalene (C11.7)

R.T.: 5.783 min
Delta R.T.: -0.020 min
Response: 4218169
Conc: 20.99 ug/ml



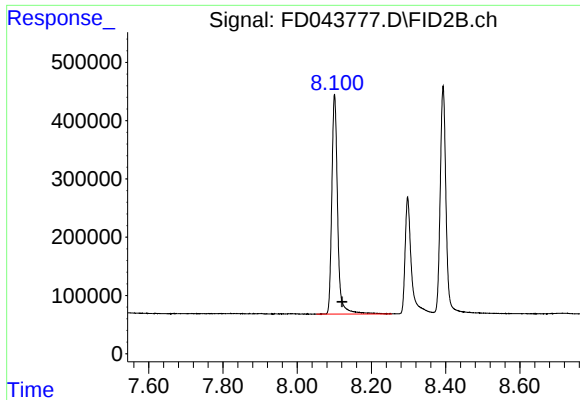
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.830 min
Delta R.T.: -0.021 min
Response: 3740790
Conc: 20.72 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.444 min
Delta R.T.: -0.019 min
Response: 3718851
Conc: 21.52 ug/ml



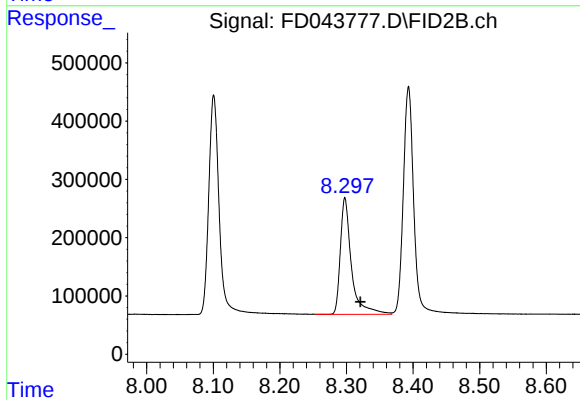
#5 Acenaphthylene (C15.06)

R.T.: 8.101 min
Delta R.T.: -0.021 min
Response: 4127344
Conc: 20.65 ug/ml

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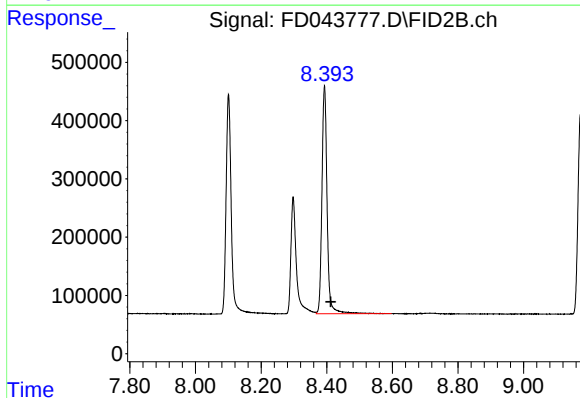
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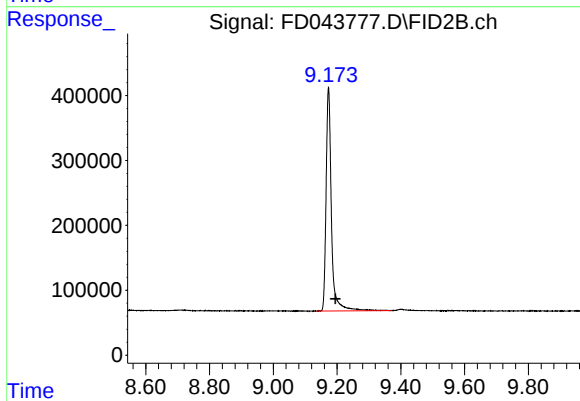
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.298 min
Delta R.T.: -0.023 min
Response: 2325888
Conc: 23.12 ug/ml



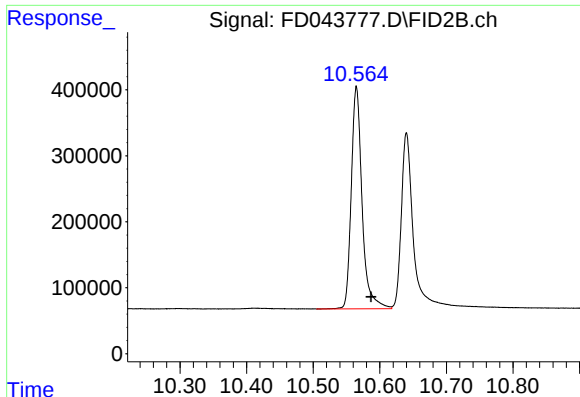
#7 Acenaphthene (C15.5)

R.T.: 8.393 min
Delta R.T.: -0.019 min
Response: 4296457
Conc: 19.99 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.173 min
Delta R.T.: -0.022 min
Response: 4004148
Conc: 20.89 ug/ml



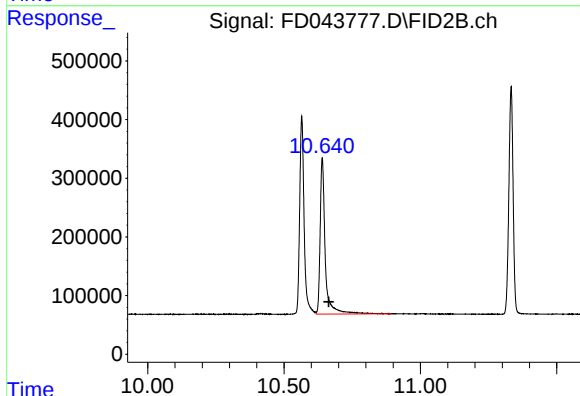
#9 Phenanthrene (C19.36)

R.T.: 10.565 min
Delta R.T.: -0.022 min
Response: 3804267
Conc: 21.16 ug/ml

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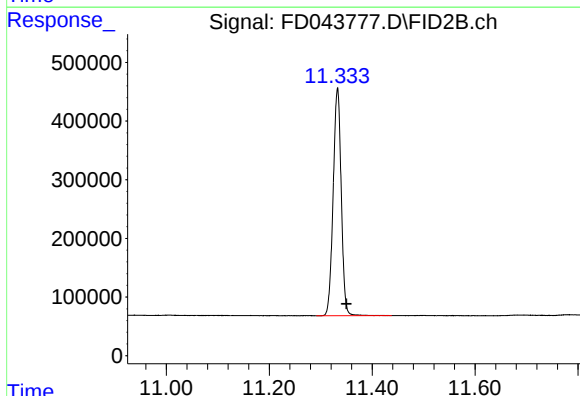
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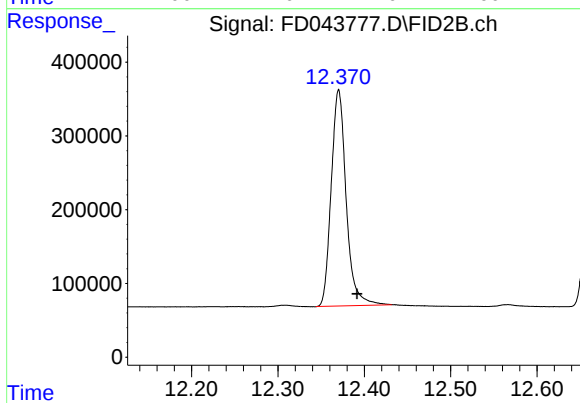
#10 Anthracene (C19.43)

R.T.: 10.641 min
Delta R.T.: -0.023 min
Response: 3471679
Conc: 17.85 ug/ml



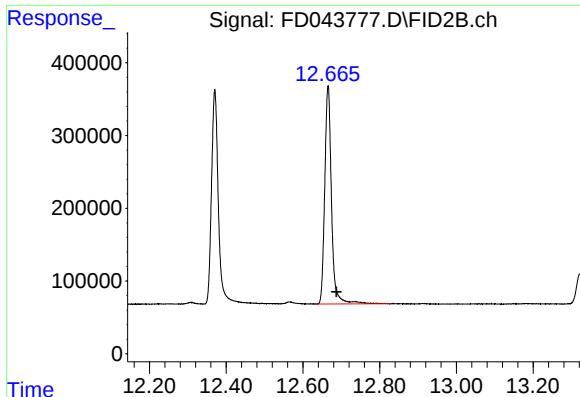
#11 ortho-Terphenyl (SURR)

R.T.: 11.332 min
Delta R.T.: -0.018 min
Response: 4219873
Conc: 20.17 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.370 min
Delta R.T.: -0.022 min
Response: 3529828
Conc: 19.36 ug/ml m



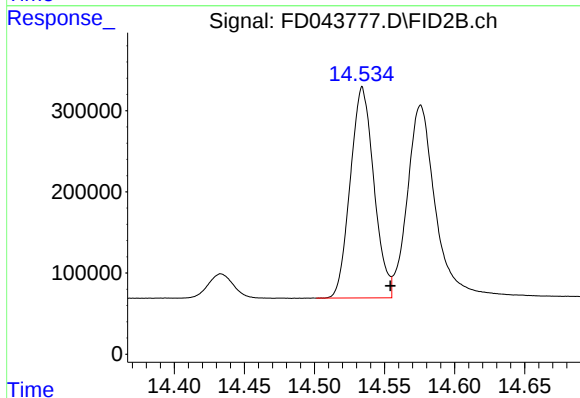
#13 Pyrene (C20.8)

R.T.: 12.665 min
Delta R.T.: -0.021 min
Response: 3656671
Conc: 19.59 ug/ml

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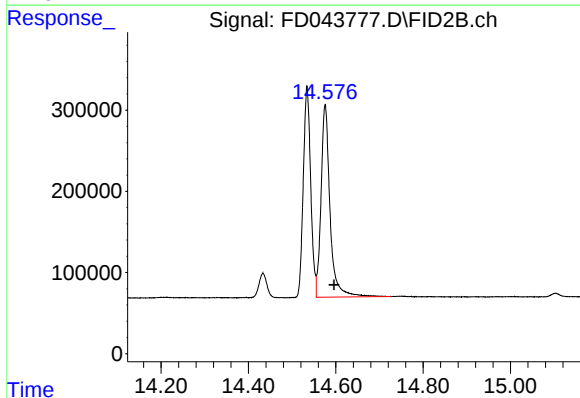
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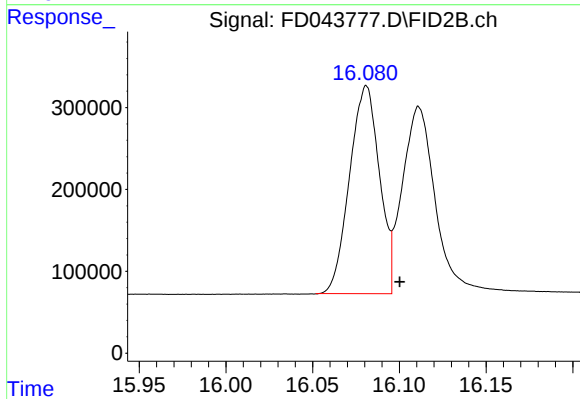
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.534 min
Delta R.T.: -0.020 min
Response: 3048001
Conc: 21.30 ug/ml



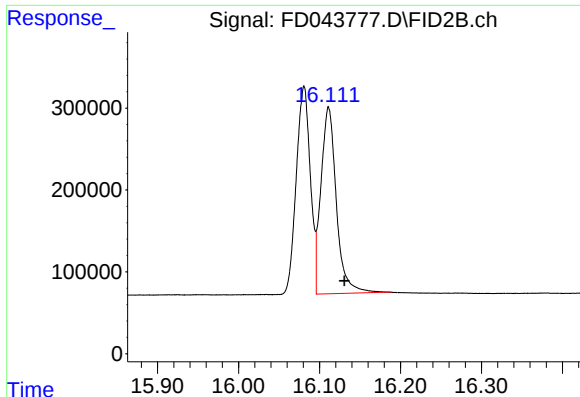
#15 Chrysene (C27.41)

R.T.: 14.576 min
Delta R.T.: -0.021 min
Response: 3405920
Conc: 17.65 ug/ml



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

R.T.: 16.080 min
Delta R.T.: -0.020 min
Response: 3049094
Conc: 21.13 ug/ml m



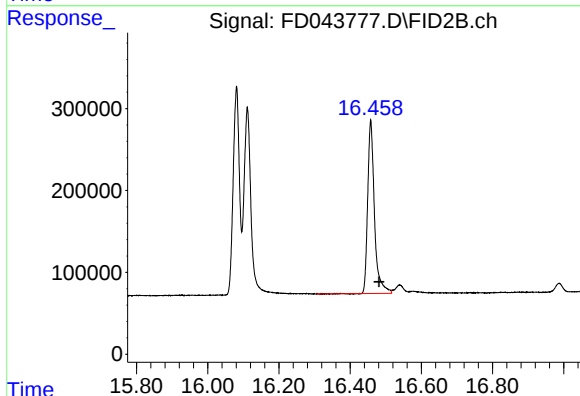
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.111 min
Delta R.T.: -0.020 min
Response: 3000131
Conc: 17.44 ug/ml

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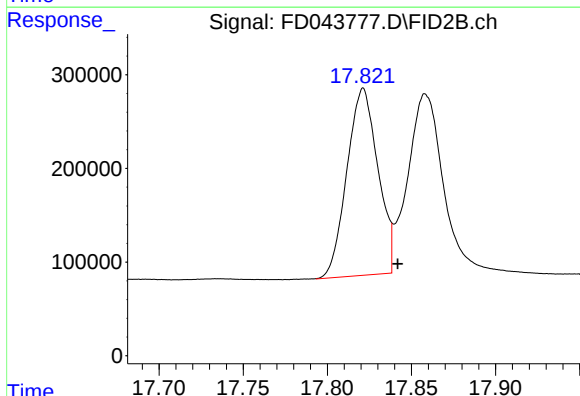
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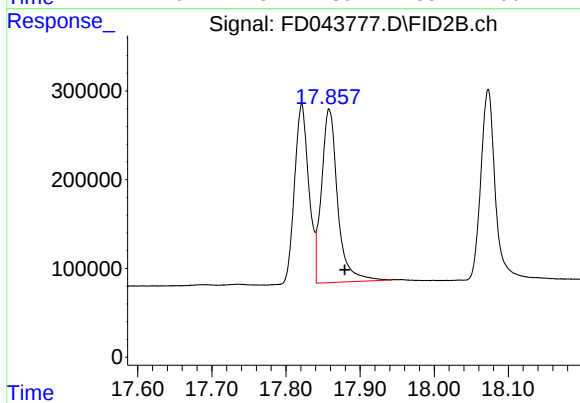
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.458 min
Delta R.T.: -0.023 min
Response: 2784077
Conc: 19.17 ug/ml



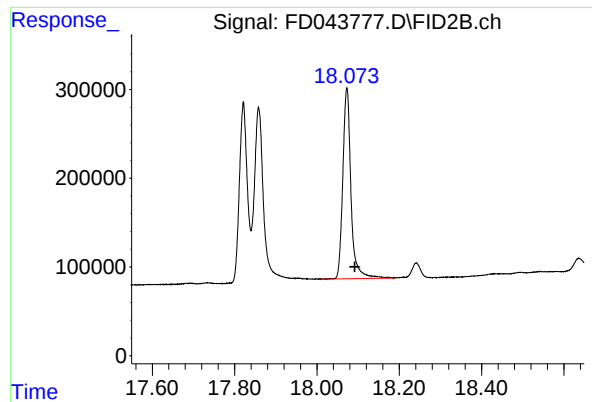
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.821 min
Delta R.T.: -0.021 min
Response: 2551199
Conc: 24.67 ug/ml m



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

R.T.: 17.857 min
Delta R.T.: -0.022 min
Response: 2937086
Conc: 20.87 ug/ml m



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

R.T.: 18.072 min
Delta R.T.: -0.019 min
Response: 2962737
Conc: 23.27 ug/ml

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