

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090122AR\
 Data File : FD043796.D
 Signal(s) : FID2B.ch
 Acq On : 01 Sep 2022 16:12
 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 09/02/2022
 Supervised By :Ankita Jodhani 09/02/2022

Integration File: autoint1.e
 Quant Time: Sep 02 01:44:09 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...	7.439	3361703	19.456 ug/ml
Spiked Amount 50.000		Recovery =	38.91%
6) S 2-Fluorobiphenyl (SURR)	8.294	2024861	20.129 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	40.26%
11) S ortho-Terphenyl (SURR)	11.325	3878575	18.539 ug/ml
Spiked Amount 50.000		Recovery =	37.08%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.246	3856887	19.367 ug/ml
2) T Naphthalene (C11.7)	5.778	3798527	18.898 ug/ml
3) T 2-Methylnaphthalene (...)	6.825	3421027	18.953 ug/ml
5) T Acenaphthylene (C15.06)	8.095	3704090	18.531 ug/ml
7) T Acenaphthene (C15.5)	8.387	3978569	18.509 ug/ml
8) T Flouorene (C16.55)	9.168	3582041	18.684 ug/ml
9) T Phenanthrene (C19.36)	10.559	3433485	19.093 ug/ml
10) T Anthracene (C19.43)	10.635	3155745	16.224 ug/ml
12) T Fluoranthene (C21.85)	12.363	3296969	18.079 ug/mlm
13) T Pyrene (C20.8)	12.658	3381248	18.114 ug/ml
14) T Benzo[a]anthracene (C...	14.526	2747230	19.201 ug/mlm
15) T Chrysene (C27.41)	14.568	3251149	16.844 ug/ml
16) T benzo[b]fluoranthene ...	16.071	2796477	19.380 ug/mlm
17) T Bnezo[k]fluoranthene ...	16.102	2674219	15.548 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.449	2455279	16.909 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.812	2411585	23.319 ug/mlm
20) T Dibenz[a,h]anthracene...	17.848	2758790	19.604 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.061	2713158	21.312 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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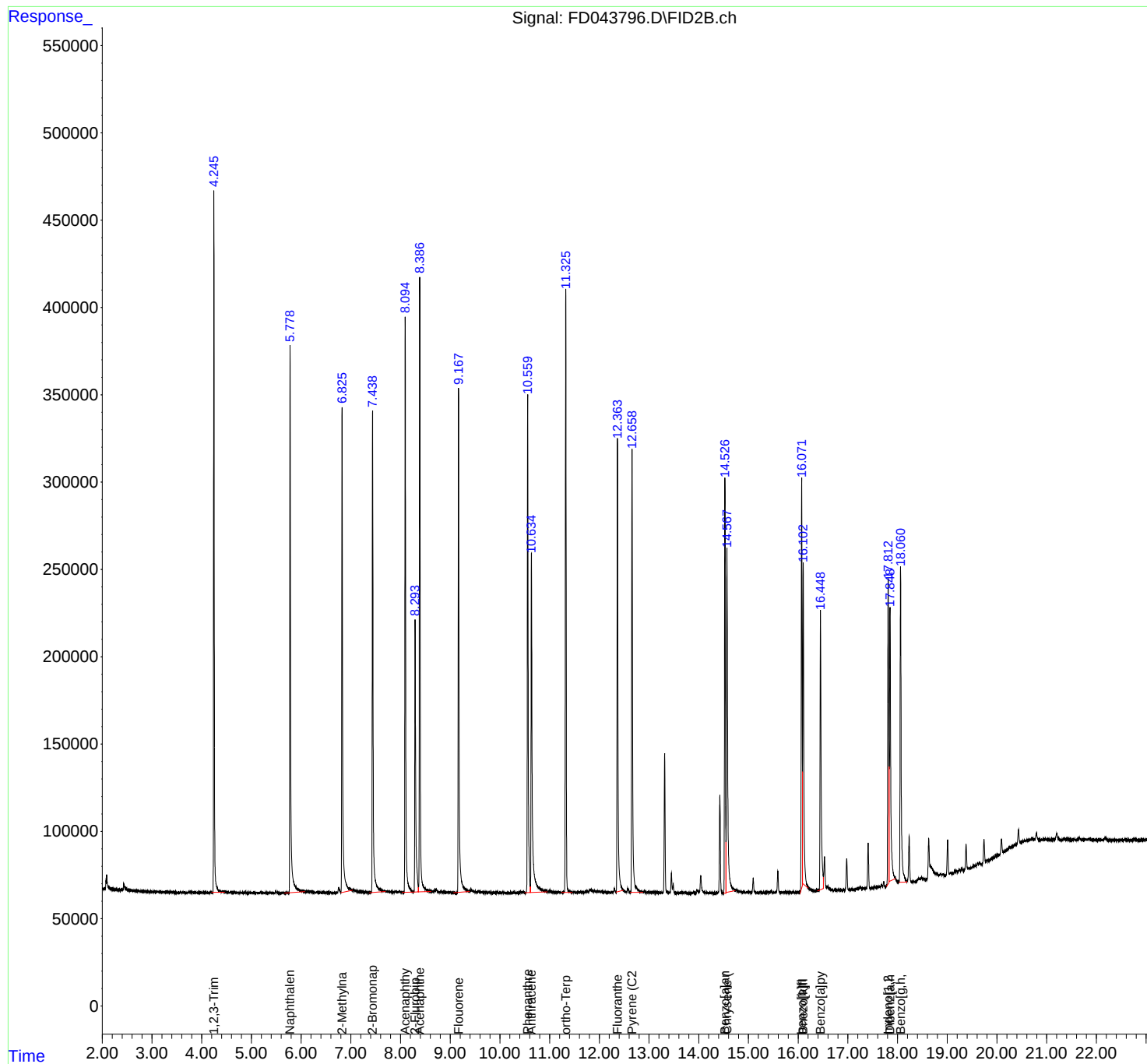
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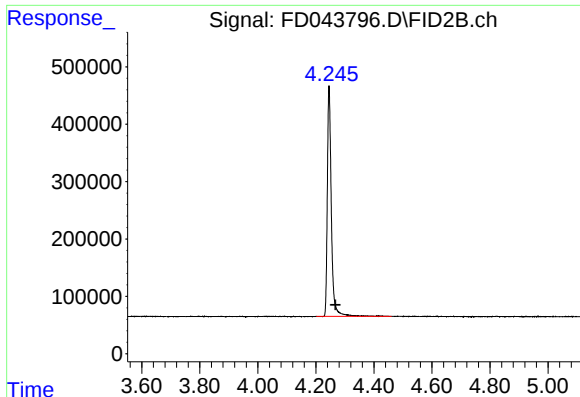
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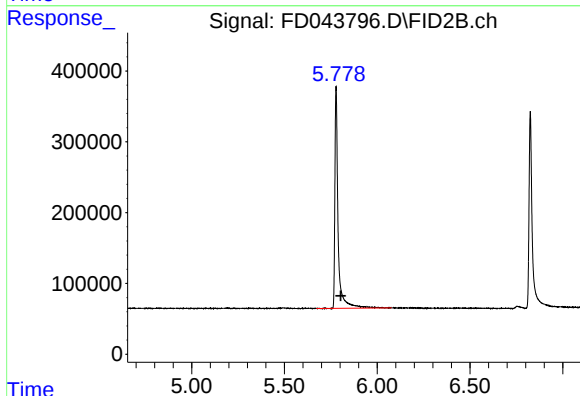
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.246 min
Delta R.T.: -0.021 min
Response: 3856887
Conc: 19.37 ug/ml

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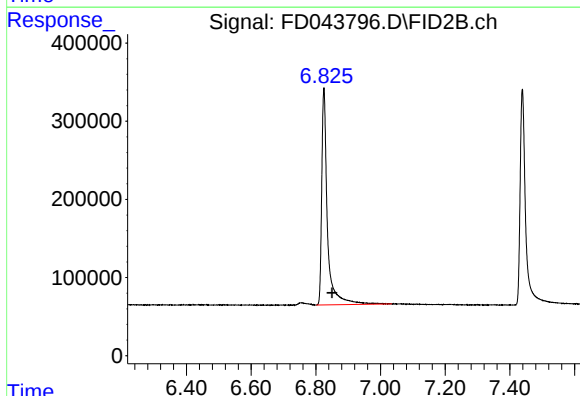
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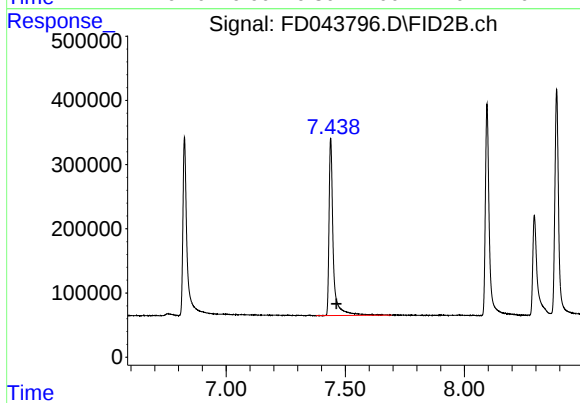
#2 Naphthalene (C11.7)

R.T.: 5.778 min
Delta R.T.: -0.025 min
Response: 3798527
Conc: 18.90 ug/ml



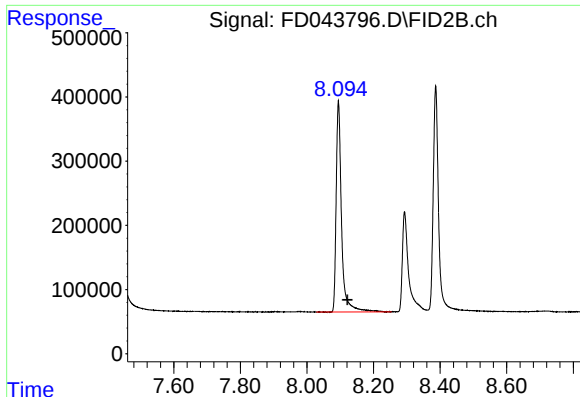
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.825 min
Delta R.T.: -0.025 min
Response: 3421027
Conc: 18.95 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.439 min
Delta R.T.: -0.024 min
Response: 3361703
Conc: 19.46 ug/ml



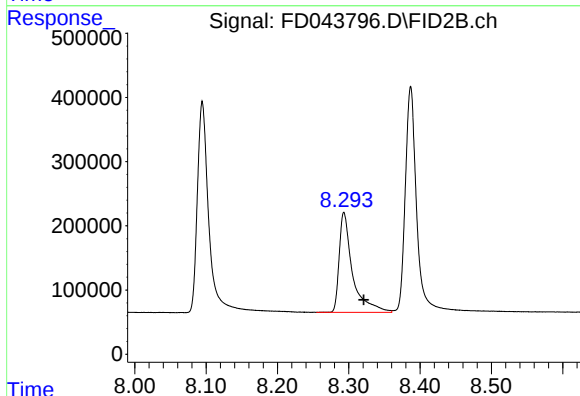
#5 Acenaphthylene (C15.06)

R.T.: 8.095 min
Delta R.T.: -0.026 min
Response: 3704090
Conc: 18.53 ug/ml

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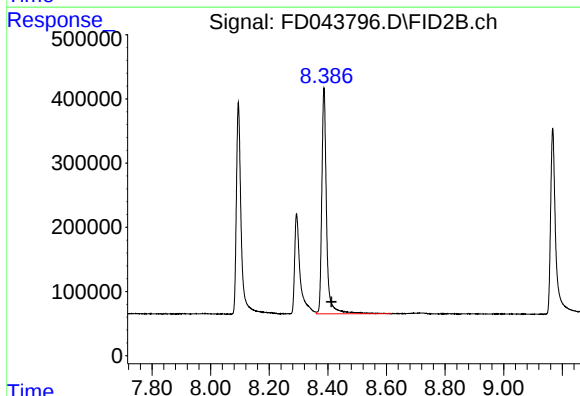
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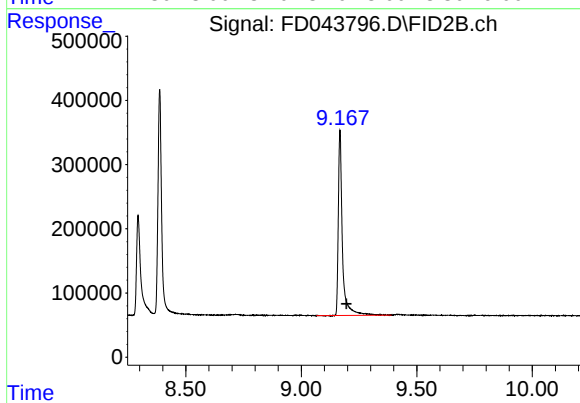
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.294 min
Delta R.T.: -0.027 min
Response: 2024861
Conc: 20.13 ug/ml



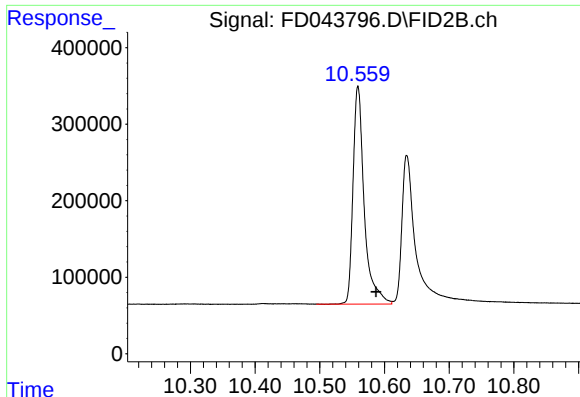
#7 Acenaphthene (C15.5)

R.T.: 8.387 min
Delta R.T.: -0.025 min
Response: 3978569
Conc: 18.51 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.168 min
Delta R.T.: -0.028 min
Response: 3582041
Conc: 18.68 ug/ml



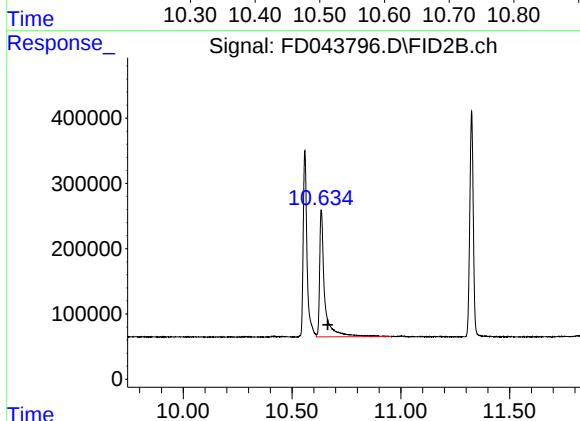
#9 Phenanthrene (C19.36)

R.T.: 10.559 min
Delta R.T.: -0.028 min
Response: 3433485
Conc: 19.09 ug/ml

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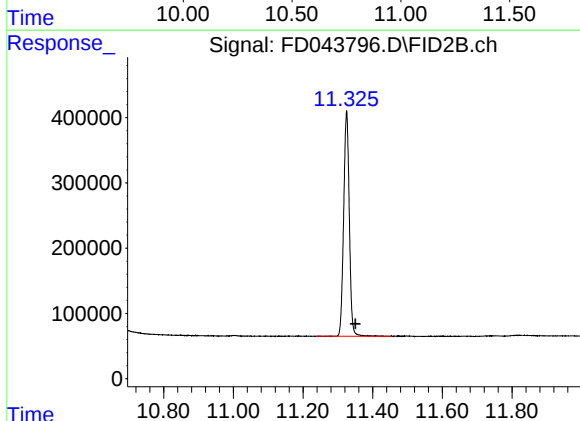
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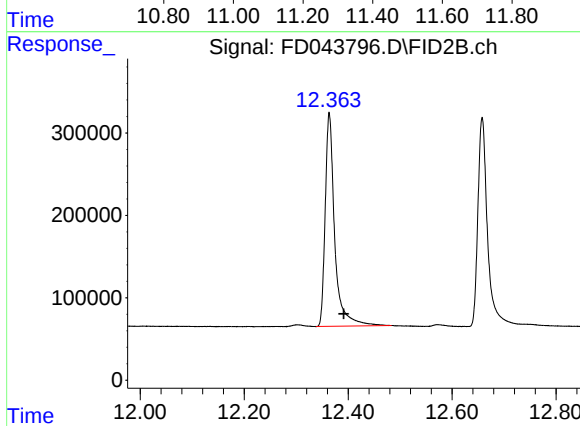
#10 Anthracene (C19.43)

R.T.: 10.635 min
Delta R.T.: -0.029 min
Response: 3155745
Conc: 16.22 ug/ml



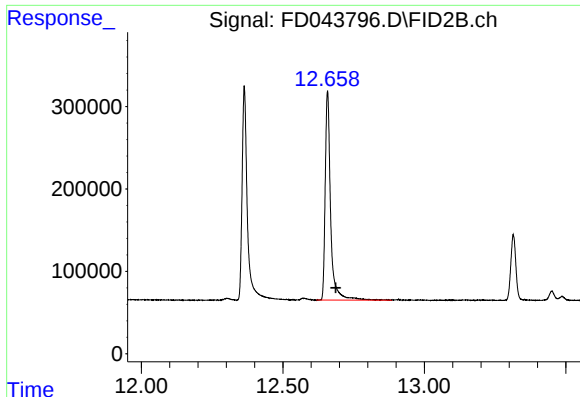
#11 ortho-Terphenyl (SURR)

R.T.: 11.325 min
Delta R.T.: -0.025 min
Response: 3878575
Conc: 18.54 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.363 min
Delta R.T.: -0.029 min
Response: 3296969
Conc: 18.08 ug/ml m



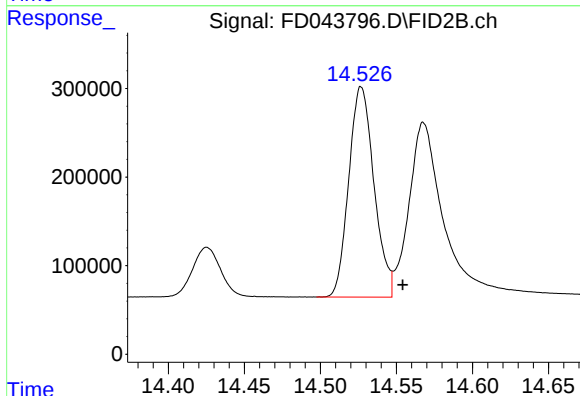
#13 Pyrene (C20.8)

R.T.: 12.658 min
Delta R.T.: -0.029 min
Response: 3381248
Conc: 18.11 ug/ml

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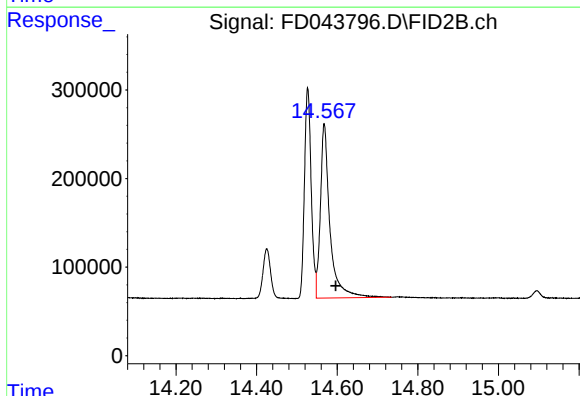
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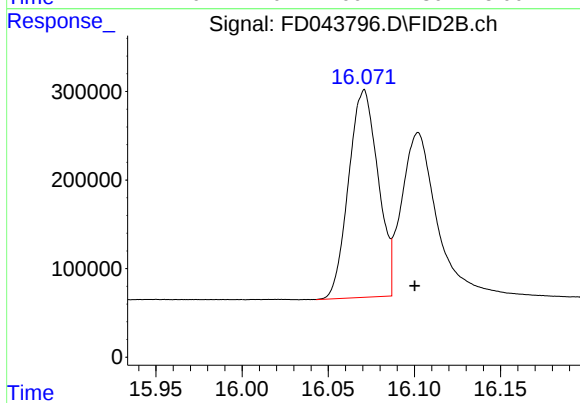
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.526 min
Delta R.T.: -0.028 min
Response: 2747230
Conc: 19.20 ug/ml m



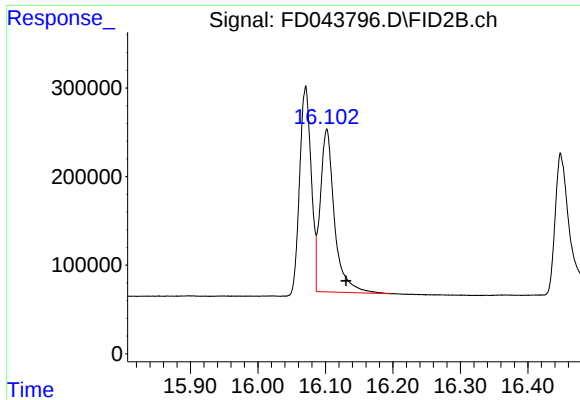
#15 Chrysene (C27.41)

R.T.: 14.568 min
Delta R.T.: -0.029 min
Response: 3251149
Conc: 16.84 ug/ml



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

R.T.: 16.071 min
Delta R.T.: -0.029 min
Response: 2796477
Conc: 19.38 ug/ml m



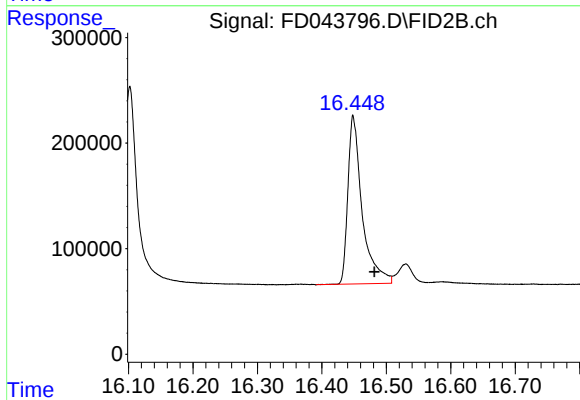
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.102 min
Delta R.T.: -0.029 min
Response: 2674219
Conc: 15.55 ug/ml

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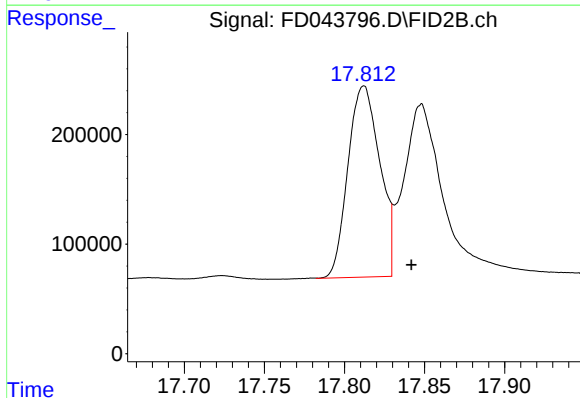
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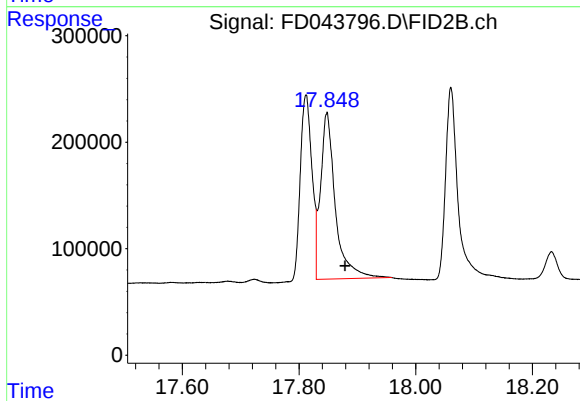
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.449 min
Delta R.T.: -0.033 min
Response: 2455279
Conc: 16.91 ug/ml



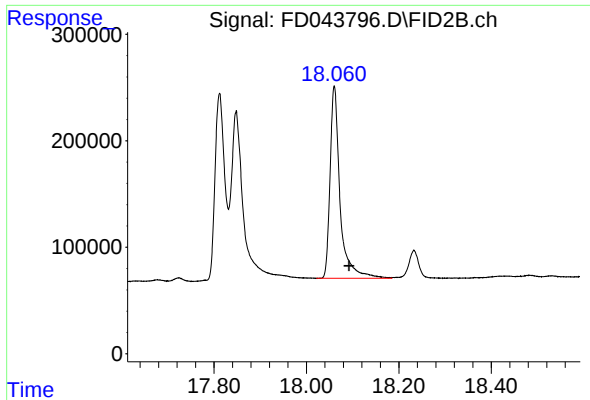
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.812 min
Delta R.T.: -0.030 min
Response: 2411585
Conc: 23.32 ug/ml m



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

R.T.: 17.848 min
Delta R.T.: -0.031 min
Response: 2758790
Conc: 19.60 ug/ml m



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

R.T.: 18.061 min
Delta R.T.: -0.031 min
Response: 2713158
Conc: 21.31 ug/ml

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