

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD083022AR\
 Data File : FD043762.D
 Signal(s) : FID2B.ch
 Acq On : 30 Aug 2022 12:21
 Operator : YP/AJ
 Sample : PB147330BS
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB147330BS

Manual Integrations
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Reviewed By :Yogesh
 Patel

Integration File: autoint1.e
 Quant Time: Aug 30 14:50:02 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

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 Jodhani

Compound	R.T.	Response	Conc Units
-----08/31/2022			
System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.448	7803184	45.162 ug/ml
Spiked Amount 50.000		Recovery =	90.32%
6) S 2-Fluorobiphenyl (SURR)	8.302	4736295	47.084 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	94.17%
11) S ortho-Terphenyl (SURR)	11.337	8100181	38.718 ug/ml
Spiked Amount 50.000		Recovery =	77.44%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.253	5345658	26.843 ug/mlm
2) T Naphthalene (C11.7)	5.787	6192215	30.807 ug/ml
3) T 2-Methylnaphthalene (...)	6.835	6106890	33.834 ug/ml
5) T Acenaphthylene (C15.06)	8.106	6414211	32.089 ug/ml
7) T Acenaphthene (C15.5)	8.398	7123657	33.140 ug/ml
8) T Flouorene (C16.55)	9.178	6924667	36.120 ug/ml
9) T Phenanthrene (C19.36)	10.571	7220091	40.151 ug/ml
10) T Anthracene (C19.43)	10.646	7346297	37.769 ug/ml
12) T Fluoranthene (C21.85)	12.376	7359700	40.357 ug/mlm
13) T Pyrene (C20.8)	12.671	7267811	38.935 ug/ml
14) T Benzo[a]anthracene (C...	14.540	6635345	46.375 ug/ml
15) T Chrysene (C27.41)	14.582	7791506	40.368 ug/ml
16) T benzo[b]fluoranthene ...	16.086	6492752	44.995 ug/ml
17) T Bnezo[k]fluoranthene ...	16.118	6443868	37.466 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.462	5432006	37.409 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.827	5743432	55.536 ug/mlm
20) T Dibenz[a,h]anthracene...	17.862	5804861	41.250 ug/ml
21) T Benzo[g,h,i]perylene ...	18.078	5732464	45.030 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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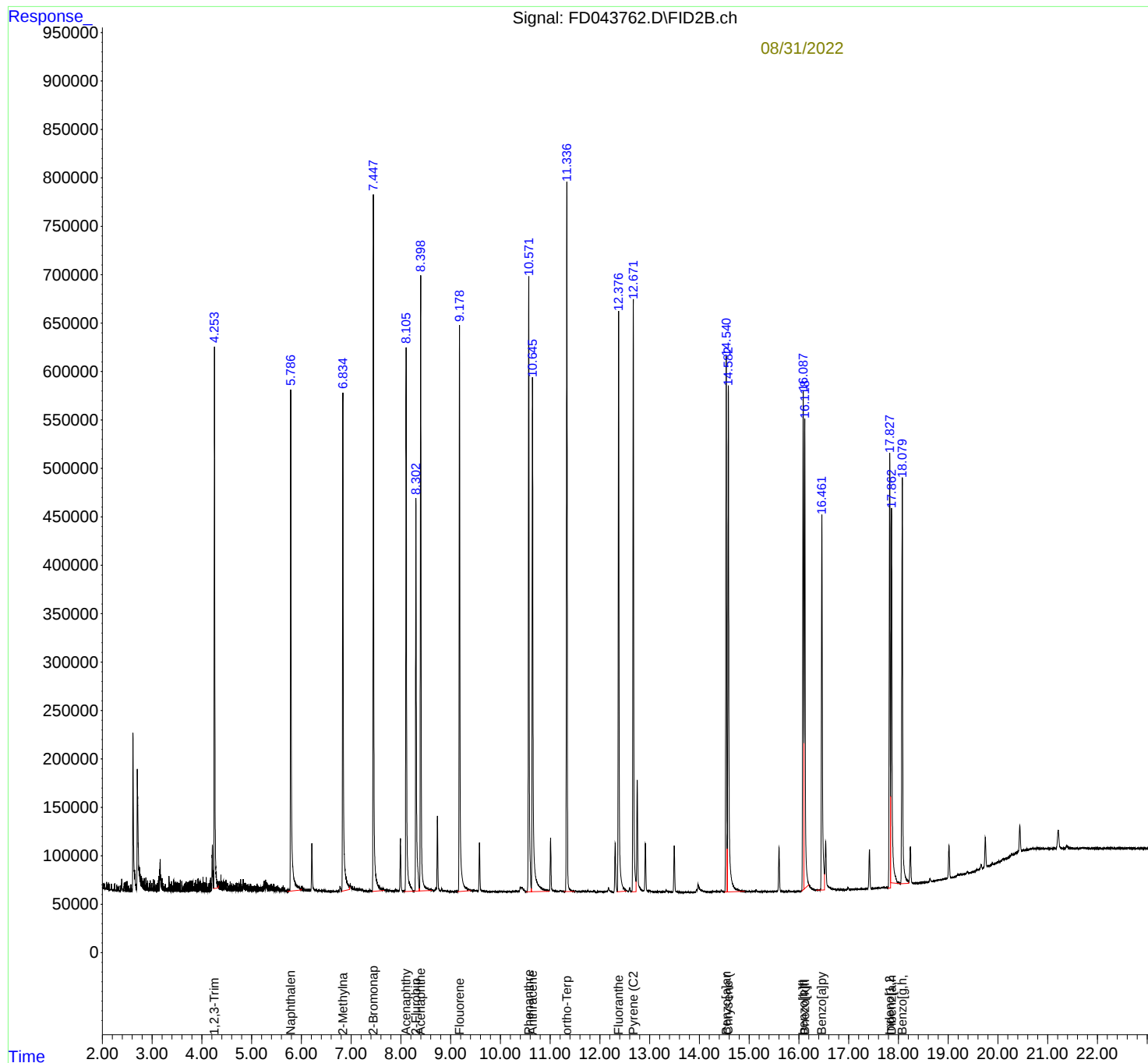
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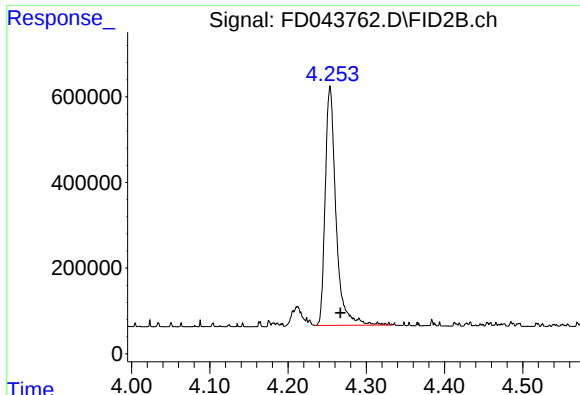
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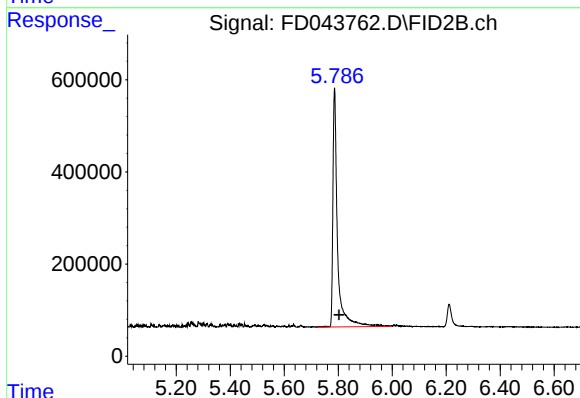
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.253 min
Delta R.T.: -0.014 min
Response: 5345658
Conc: 26.84 ug/ml

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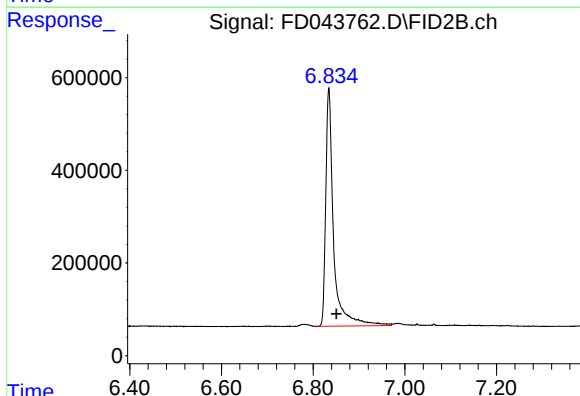


#2 Naphthalene (C11.7)

R.T.: 5.787 min
Delta R.T.: -0.016 min
Response: 6192215
Conc: 30.81 ug/ml

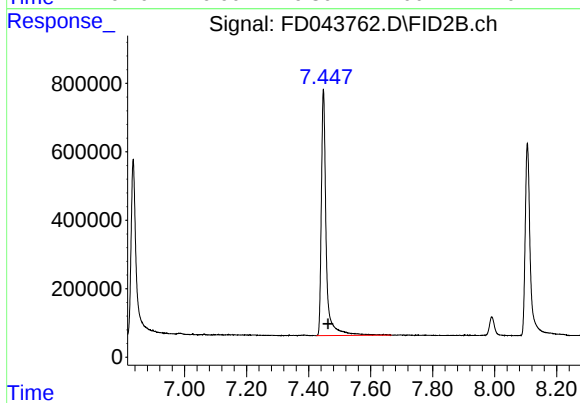
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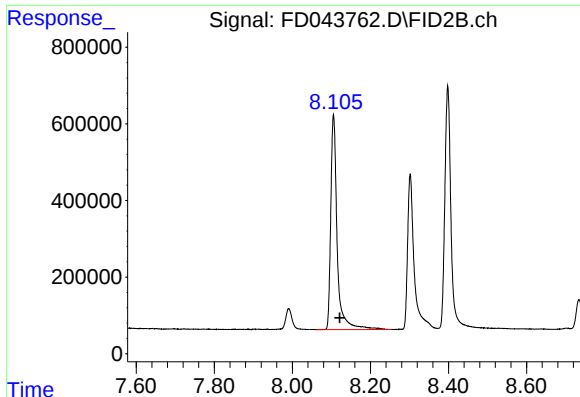
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.835 min
Delta R.T.: -0.016 min
Response: 6106890
Conc: 33.83 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.448 min
Delta R.T.: -0.015 min
Response: 7803184
Conc: 45.16 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.106 min
Delta R.T.: -0.016 min
Response: 6414211
Conc: 32.09 ug/ml

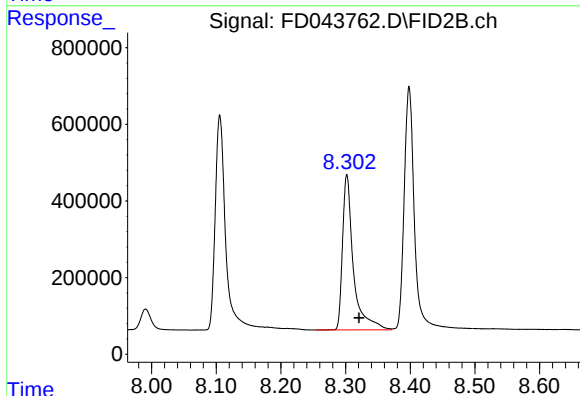
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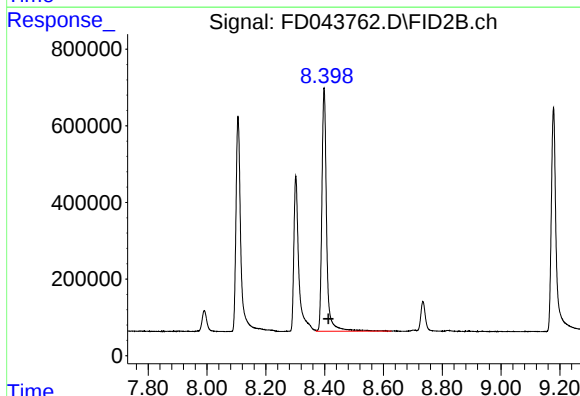


#6 2-Fluorobiphenyl (SURR)

R.T.: 8.302 min
Delta R.T.: -0.019 min
Response: 4736295
Conc: 47.08 ug/ml

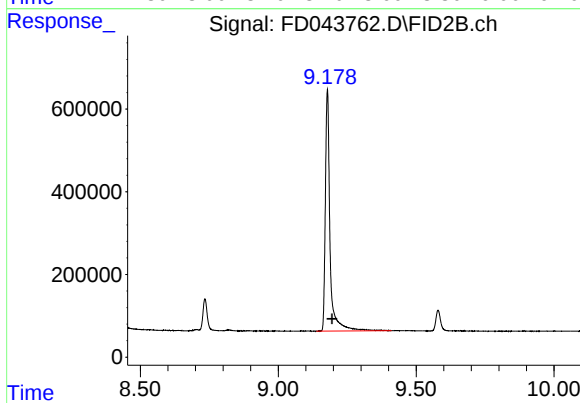
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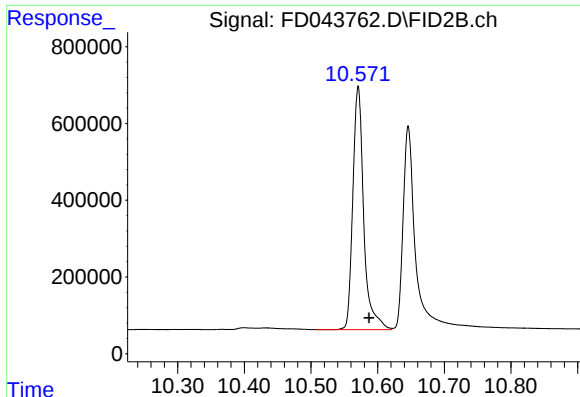
#7 Acenaphthene (C15.5)

R.T.: 8.398 min
Delta R.T.: -0.014 min
Response: 7123657
Conc: 33.14 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.178 min
Delta R.T.: -0.017 min
Response: 6924667
Conc: 36.12 ug/ml



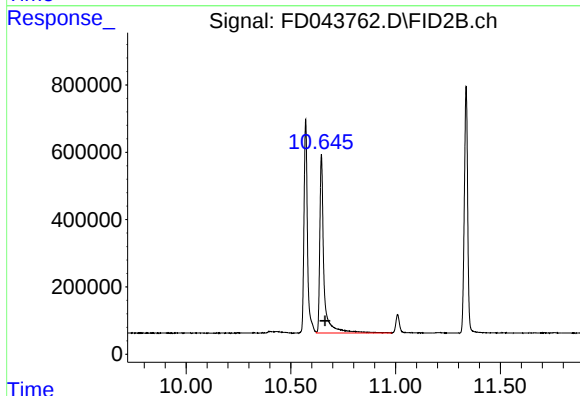
#9 Phenanthrene (C19.36)

R.T.: 10.571 min
Delta R.T.: -0.016 min
Response: 7220091
Conc: 40.15 ug/ml

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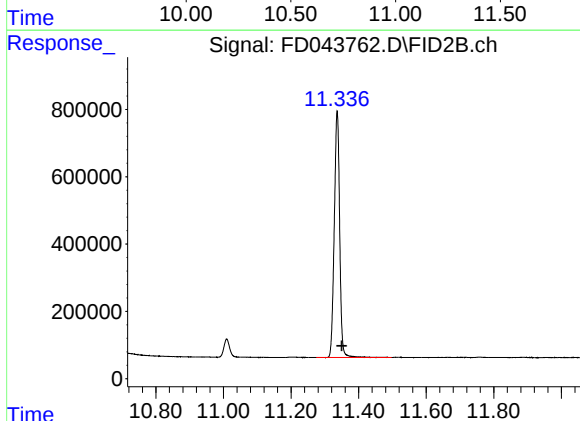


#10 Anthracene (C19.43)

R.T.: 10.646 min
Delta R.T.: -0.018 min
Response: 7346297
Conc: 37.77 ug/ml

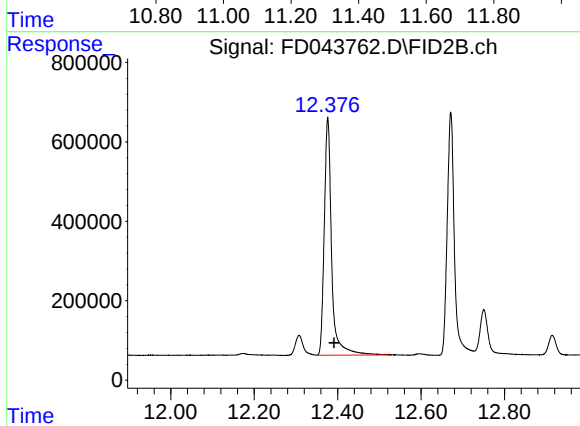
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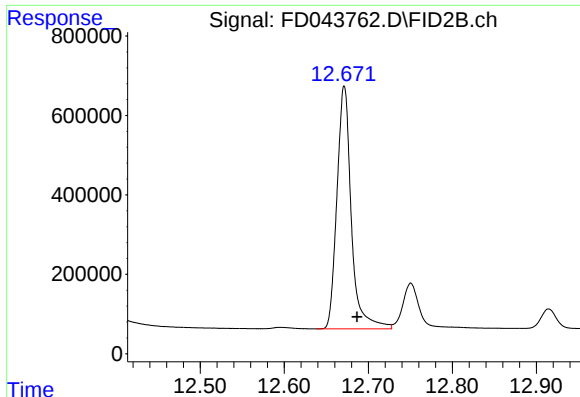
#11 ortho-Terphenyl (SURR)

R.T.: 11.337 min
Delta R.T.: -0.014 min
Response: 8100181
Conc: 38.72 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.376 min
Delta R.T.: -0.016 min
Response: 7359700
Conc: 40.36 ug/ml m



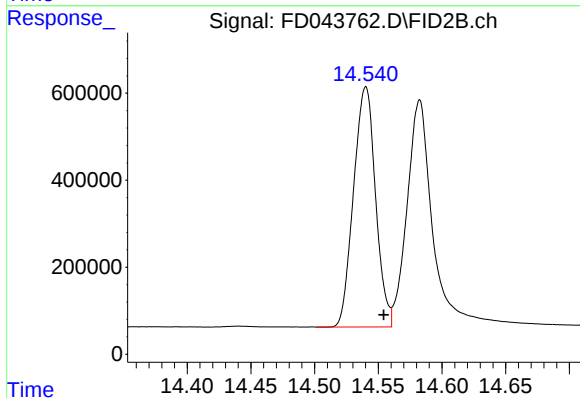
#13 Pyrene (C20.8)

R.T.: 12.671 min
Delta R.T.: -0.016 min
Response: 7267811
Conc: 38.94 ug/ml

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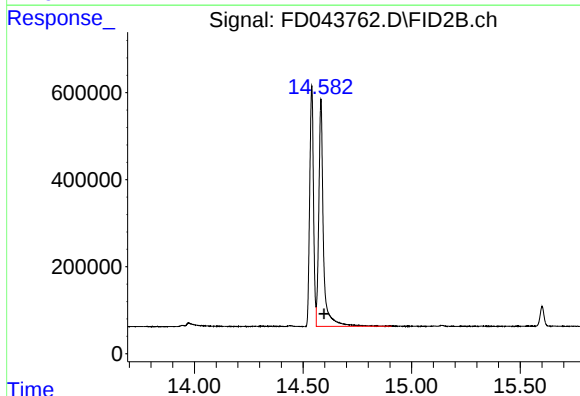


#14 Benzo[a]anthracene (C26.37)

R.T.: 14.540 min
Delta R.T.: -0.014 min
Response: 6635345
Conc: 46.37 ug/ml

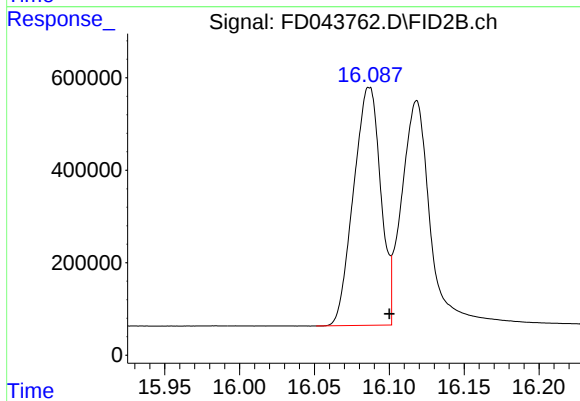
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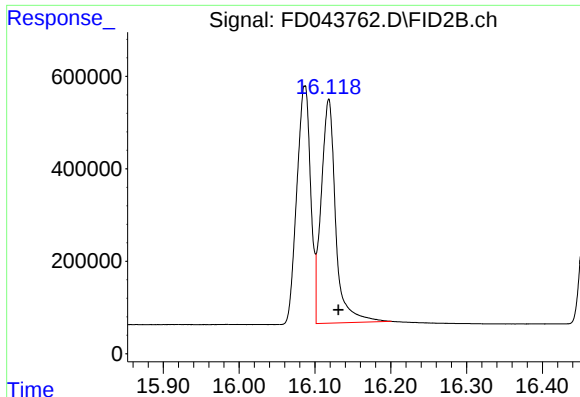
#15 Chrysene (C27.41)

R.T.: 14.582 min
Delta R.T.: -0.014 min
Response: 7791506
Conc: 40.37 ug/ml



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

R.T.: 16.086 min
Delta R.T.: -0.014 min
Response: 6492752
Conc: 44.99 ug/ml



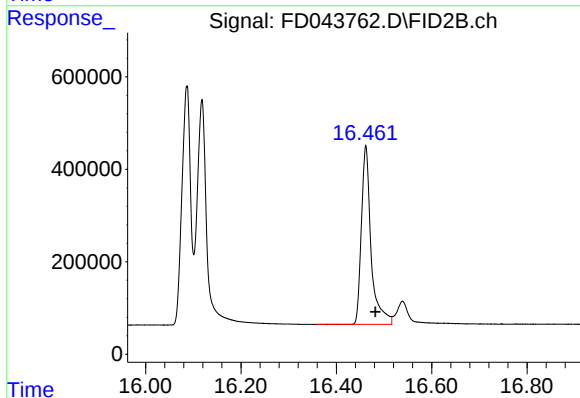
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.118 min
Delta R.T.: -0.013 min
Response: 6443868
Conc: 37.47 ug/ml

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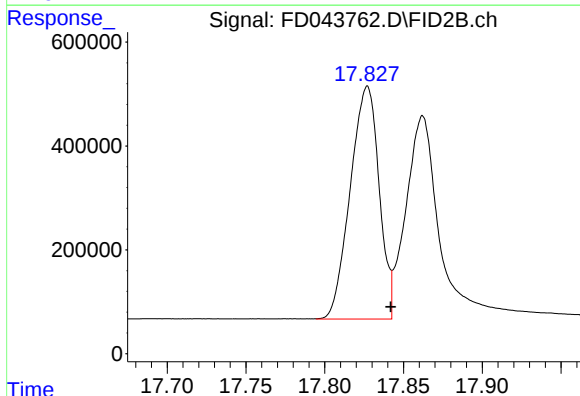


#18 Benzo[a]pyrene (C31.34)

R.T.: 16.462 min
Delta R.T.: -0.020 min
Response: 5432006
Conc: 37.41 ug/ml

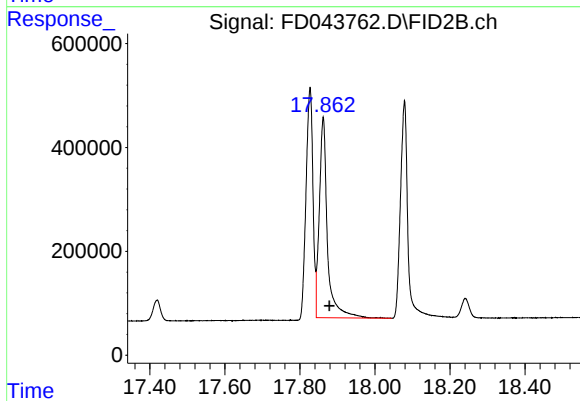
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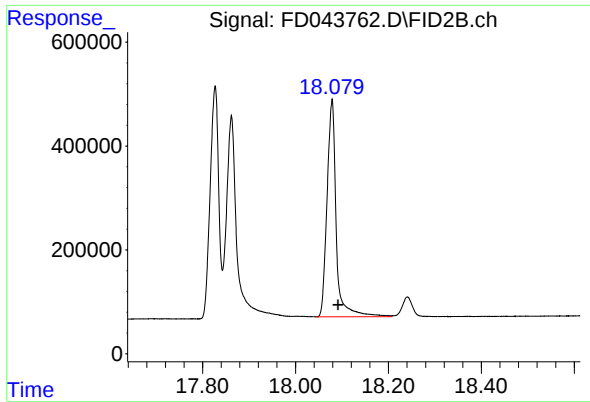
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.827 min
Delta R.T.: -0.015 min
Response: 5743432
Conc: 55.54 ug/ml m



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

R.T.: 17.862 min
Delta R.T.: -0.017 min
Response: 5804861
Conc: 41.25 ug/ml



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

R.T.: 18.078 min
Delta R.T.: -0.014 min
Response: 5732464
Conc: 45.03 ug/ml

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