

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101022AR\
 Data File : FD044076.D
 Signal(s) : FID2B.ch
 Acq On : 10 Oct 2022 15:13
 Operator : YP/AJ
 Sample : N5028-01MSD
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

WASTEMSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 10/11/2022

Supervised By :Ankita Jodhani 10/11/2022

Integration File: autoint1.e

Quant Time: Oct 11 05:59:27 2022

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091522.M

Quant Title : GC Extractables

QLast Update : Wed Sep 14 19:37:45 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...	7.420	6582135	50.024 ug/ml
Spiked Amount 50.000		Recovery =	100.05%
6) S 2-Fluorobiphenyl (SURR)	8.277	2999765	41.584 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	83.17%
11) S ortho-Terphenyl (SURR)	11.306	5483675	29.436 ug/mlm
Spiked Amount 50.000		Recovery =	58.87%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.226	4720412	31.410 ug/ml
2) T Naphthalene (C11.7)	5.757	6468292	45.424 ug/mlm
3) T 2-Methylnaphthalene (...)	6.813	20619204	140.946 ug/ml
5) T Acenaphthylene (C15.06)	8.081	8230722	53.340 ug/ml
7) T Acenaphthene (C15.5)	8.372	8401367	48.006 ug/ml
8) T Flouorene (C16.55)	9.155	8339255	56.736 ug/ml
9) T Phenanthrene (C19.36)	10.544	9340403	64.546 ug/mlm
10) T Anthracene (C19.43)	10.619	7428647	50.618 ug/mlm
12) T Fluoranthene (C21.85)	12.349	8490267	55.356 ug/ml
13) T Pyrene (C20.8)	12.642	9129874	61.374 ug/ml
14) T Benzo[a]anthracene (C...	14.507	6368571	56.969 ug/ml
15) T Chrysene (C27.41)	14.550	7458835	47.726 ug/ml
16) T benzo[b]fluoranthene ...	16.054	6117404	52.457 ug/ml
17) T Bnezo[k]fluoranthene ...	16.085	6094031	41.047 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.430	5321439	43.932 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.796	5413671	56.938 ug/ml
20) T Dibenz[a,h]anthracene...	17.829	6020415	50.115 ug/ml
21) T Benzo[g,h,i]perylene ...	18.048	5634353	49.442 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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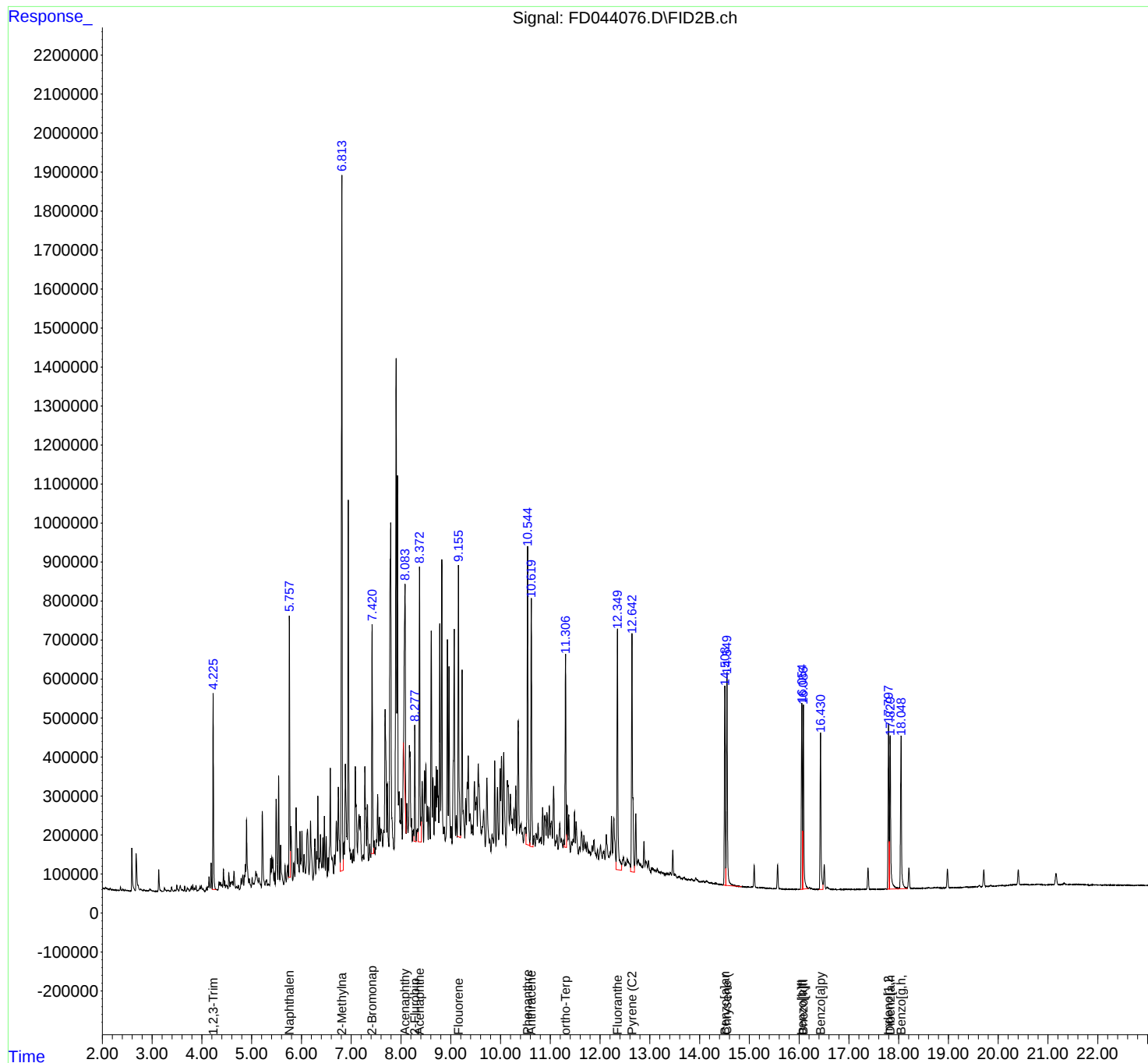
Response via : Initial Calibration

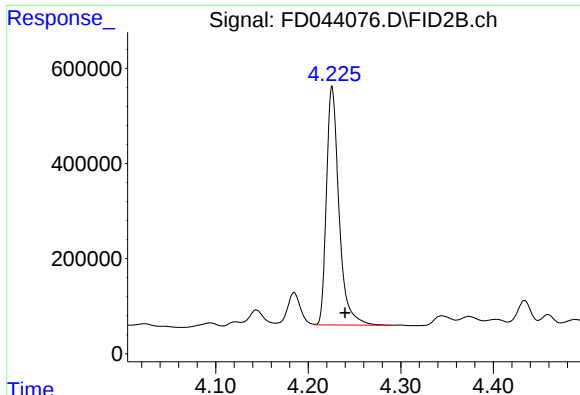
Integrator: ChemStation

Volume Inj. : 1 µl

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18µm





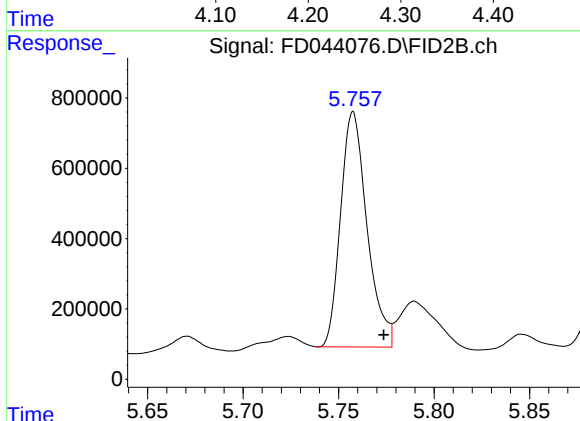
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.226 min
Delta R.T.: -0.014 min
Response: 4720412
Conc: 31.41 ug/ml

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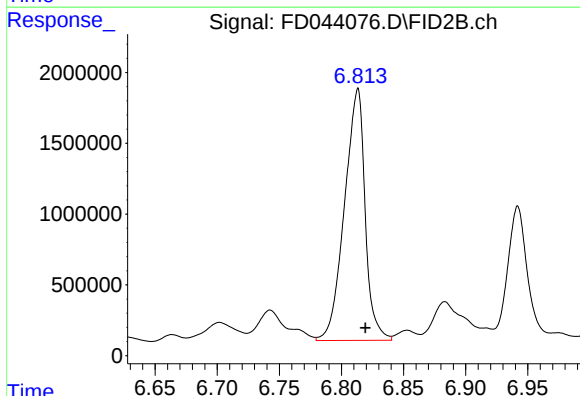
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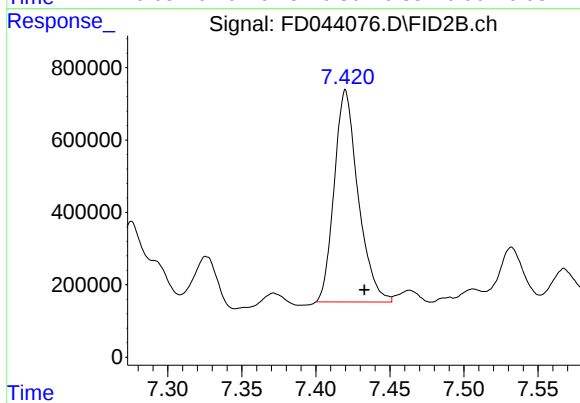
#2 Naphthalene (C11.7)

R.T.: 5.757 min
Delta R.T.: -0.016 min
Response: 6468292
Conc: 45.42 ug/ml m



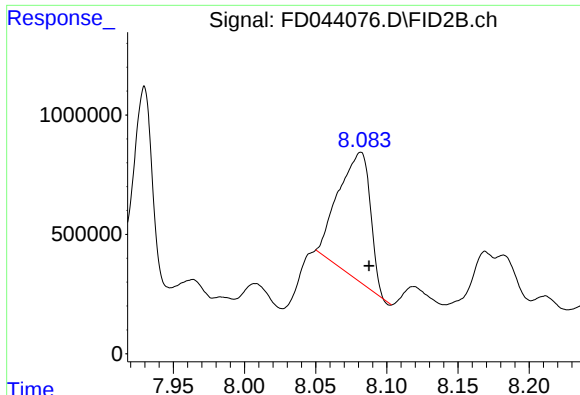
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.813 min
Delta R.T.: -0.007 min
Response: 20619204
Conc: 140.95 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.420 min
Delta R.T.: -0.013 min
Response: 6582135
Conc: 50.02 ug/ml



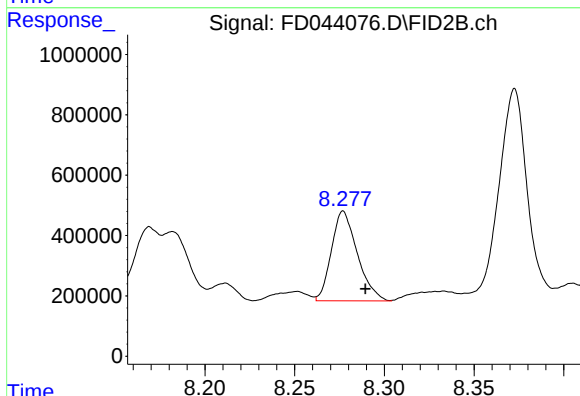
#5 Acenaphthylene (C15.06)

R.T.: 8.081 min
Delta R.T.: -0.007 min
Response: 8230722
Conc: 53.34 ug/ml

Instrument :
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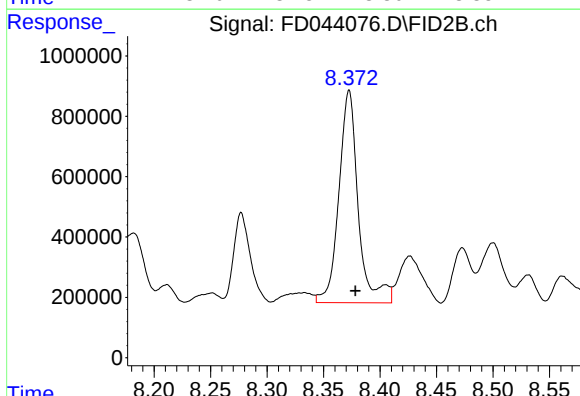
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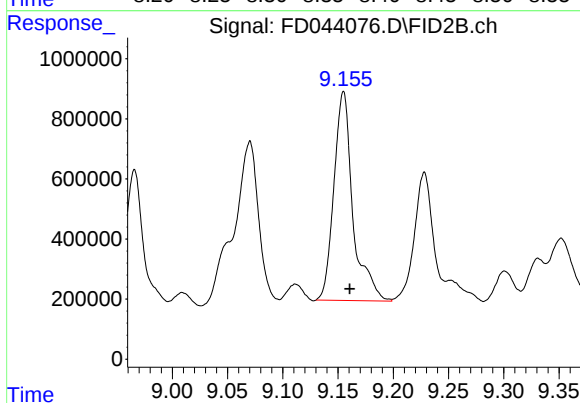
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.277 min
Delta R.T.: -0.012 min
Response: 2999765
Conc: 41.58 ug/ml



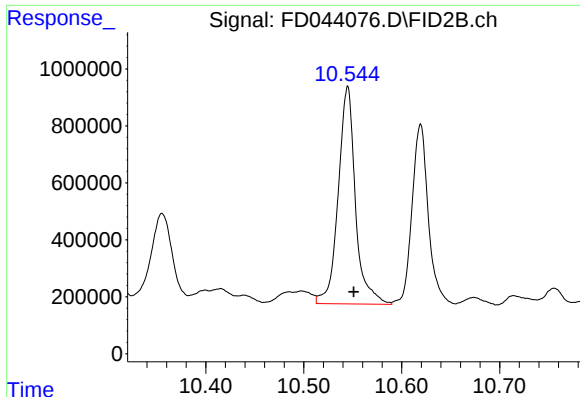
#7 Acenaphthene (C15.5)

R.T.: 8.372 min
Delta R.T.: -0.006 min
Response: 8401367
Conc: 48.01 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.155 min
Delta R.T.: -0.006 min
Response: 8339255
Conc: 56.74 ug/ml



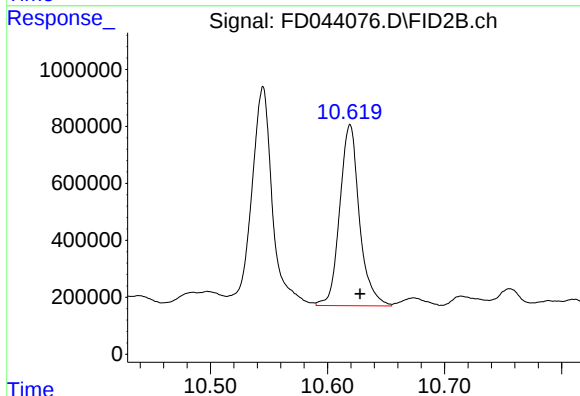
#9 Phenanthrene (C19.36)

R.T.: 10.544 min
Delta R.T.: -0.007 min
Response: 9340403
Conc: 64.55 ug/ml

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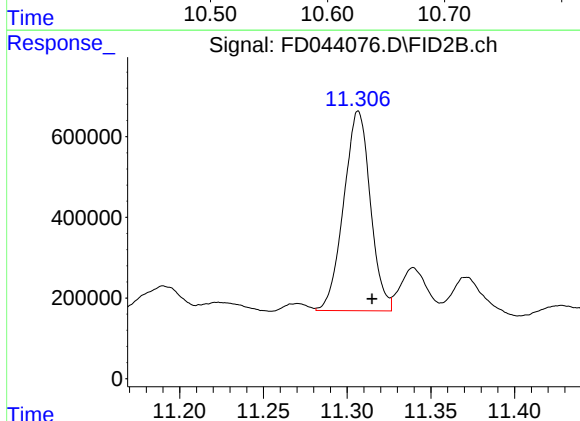
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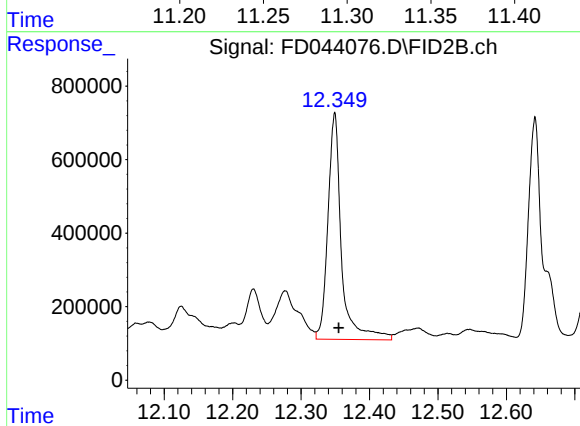
#10 Anthracene (C19.43)

R.T.: 10.619 min
Delta R.T.: -0.009 min
Response: 7428647
Conc: 50.62 ug/ml m



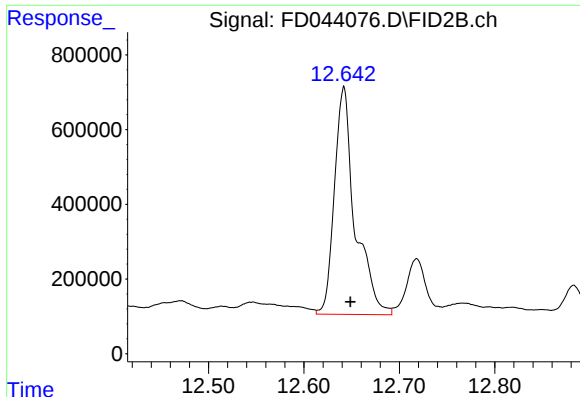
#11 ortho-Terphenyl (SURR)

R.T.: 11.306 min
Delta R.T.: -0.008 min
Response: 5483675
Conc: 29.44 ug/ml m



#12 Fluoranthene (C21.85)

R.T.: 12.349 min
Delta R.T.: -0.006 min
Response: 8490267
Conc: 55.36 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.642 min
Delta R.T.: -0.007 min
Response: 9129874
Conc: 61.37 ug/ml

Instrument :

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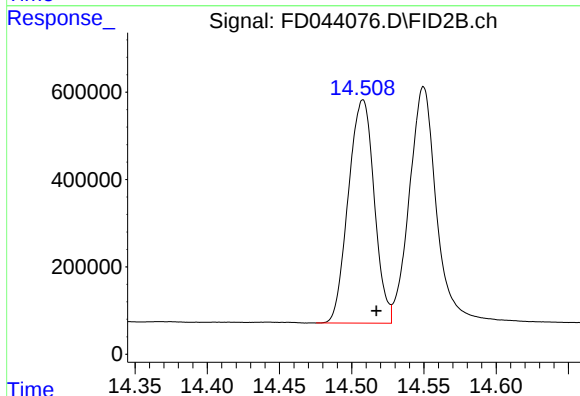
ClientSampleId :

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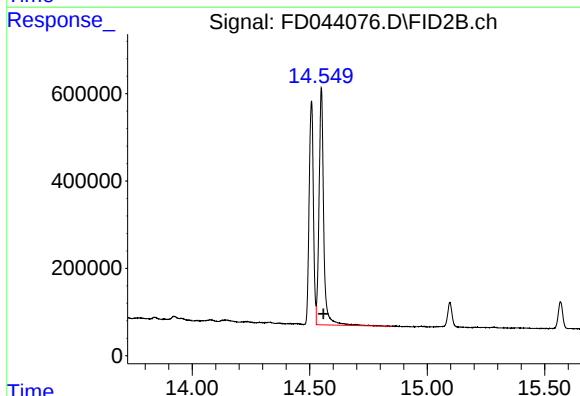
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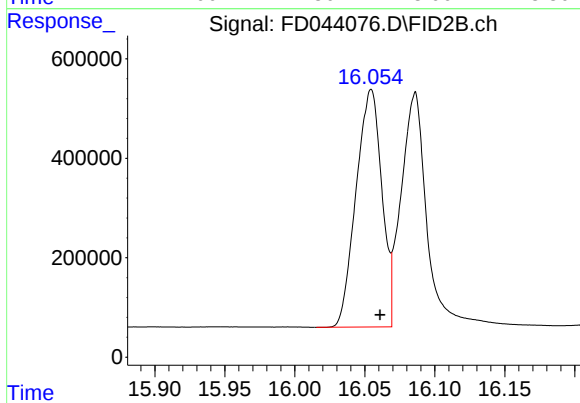
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.507 min
Delta R.T.: -0.010 min
Response: 6368571
Conc: 56.97 ug/ml



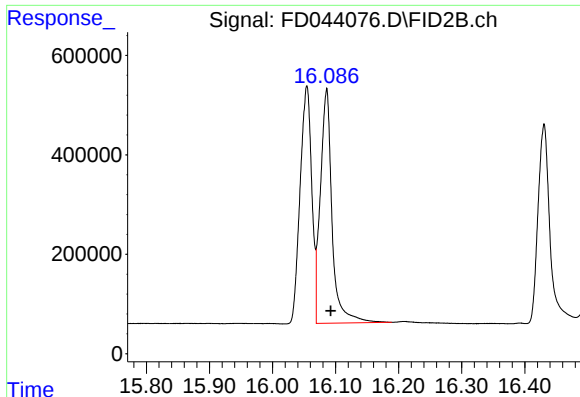
#15 Chrysene (C27.41)

R.T.: 14.550 min
Delta R.T.: -0.009 min
Response: 7458835
Conc: 47.73 ug/ml



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

R.T.: 16.054 min
Delta R.T.: -0.007 min
Response: 6117404
Conc: 52.46 ug/ml



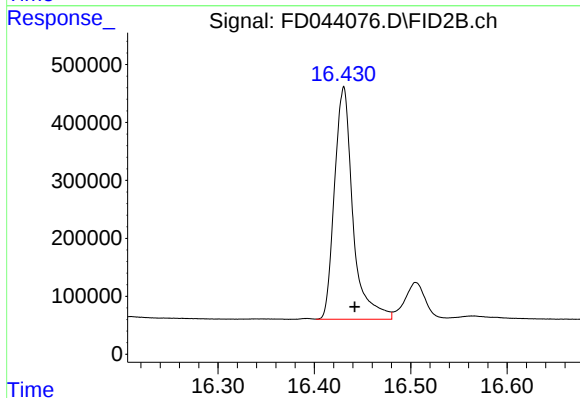
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.085 min
Delta R.T.: -0.007 min
Response: 6094031
Conc: 41.05 ug/ml

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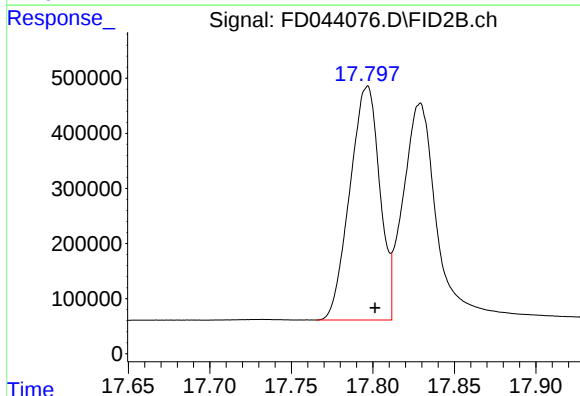
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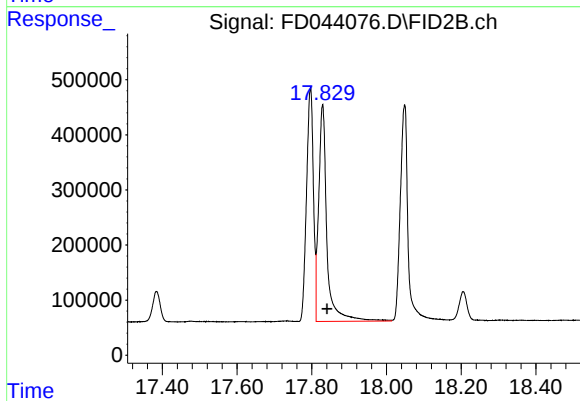
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.430 min
Delta R.T.: -0.012 min
Response: 5321439
Conc: 43.93 ug/ml



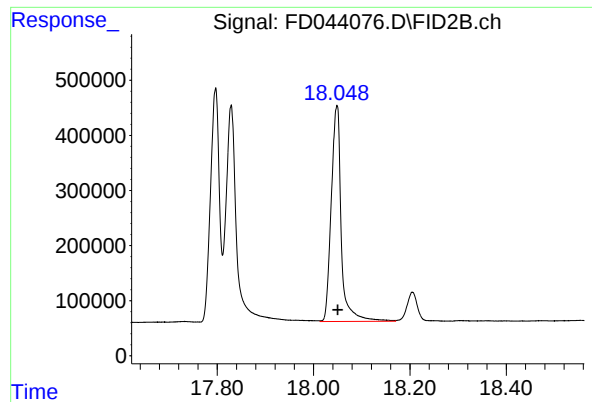
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.796 min
Delta R.T.: -0.005 min
Response: 5413671
Conc: 56.94 ug/ml



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

R.T.: 17.829 min
Delta R.T.: -0.012 min
Response: 6020415
Conc: 50.12 ug/ml



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

R.T.: 18.048 min
Delta R.T.: -0.002 min
Response: 5634353
Conc: 49.44 ug/ml

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