

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101022AR\
 Data File : FD044075.D
 Signal(s) : FID2B.ch
 Acq On : 10 Oct 2022 14:24
 Operator : YP/AJ
 Sample : N5028-01MS
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 WASTEMS

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 05:59:18 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...	7.421	7336218	55.755 ug/ml
Spiked Amount 50.000		Recovery =	111.51%
6) S 2-Fluorobiphenyl (SURR)	8.279	3241422	44.933 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	89.87%
11) S ortho-Terphenyl (SURR)	11.308	5845115	31.376 ug/mlm
Spiked Amount 50.000		Recovery =	62.75%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.226	5206989	34.647 ug/ml
2) T Naphthalene (C11.7)	5.758	7058586	49.570 ug/mlm
3) T 2-Methylnaphthalene (...)	6.814	21582472	147.531 ug/mlm
5) T Acenaphthylene (C15.06)	8.083	9429926	61.112 ug/mlm
7) T Acenaphthene (C15.5)	8.374	7861789	44.923 ug/mlm
8) T Flouorene (C16.55)	9.157	9333084	63.498 ug/ml
9) T Phenanthrene (C19.36)	10.547	10007597	69.156 ug/mlm
10) T Anthracene (C19.43)	10.622	7930036	54.035 ug/mlm
12) T Fluoranthene (C21.85)	12.350	8526272	55.590 ug/mlm
13) T Pyrene (C20.8)	12.644	7899793	53.105 ug/mlm
14) T Benzo[a]anthracene (C...	14.510	7066724	63.214 ug/ml
15) T Chrysene (C27.41)	14.552	8239685	52.723 ug/ml
16) T benzo[b]fluoranthene ...	16.055	6823048	58.508 ug/ml
17) T Bnezo[k]fluoranthene ...	16.087	6945805	46.784 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.431	5885313	48.588 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.798	6068881	63.830 ug/ml
20) T Dibenz[a,h]anthracene...	17.832	6732780	56.045 ug/ml
21) T Benzo[g,h,i]perylene ...	18.050	6302827	55.308 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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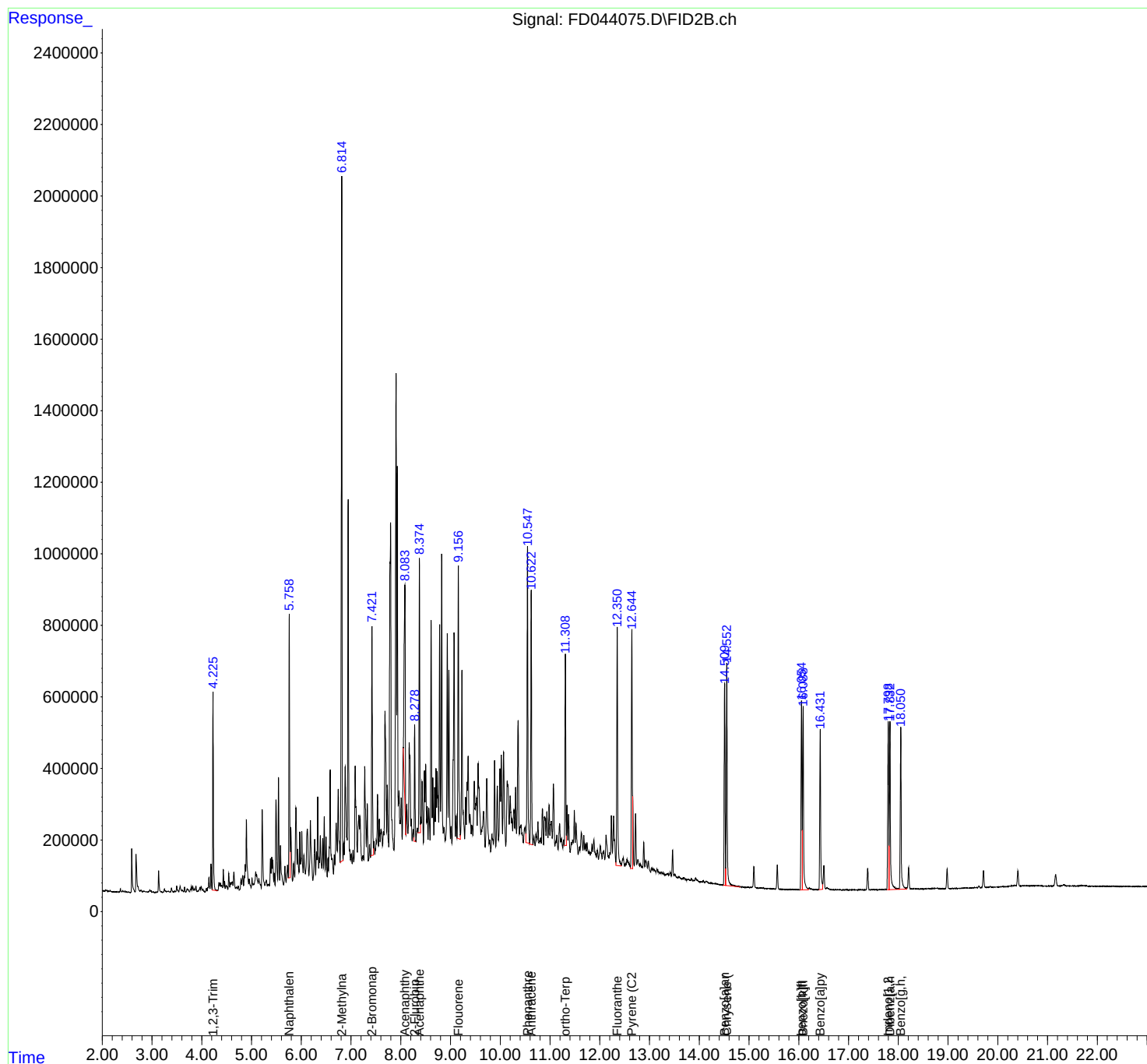
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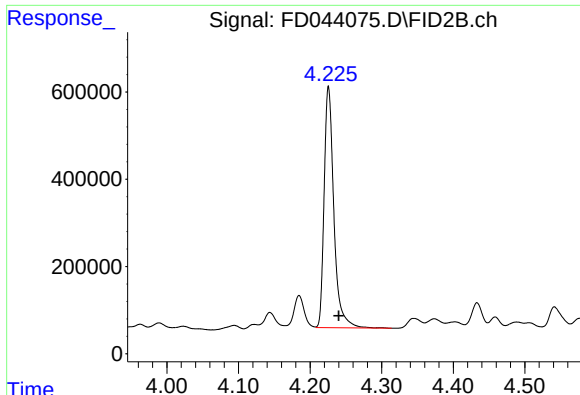
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.226 min
Delta R.T.: -0.014 min
Response: 5206989
Conc: 34.65 ug/ml

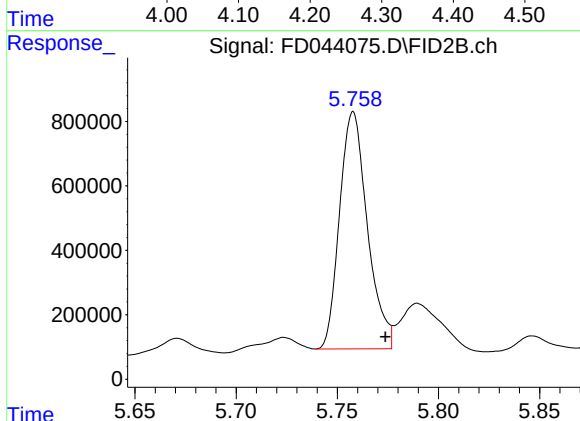
Instrument :

FID_D

ClientSampleId :
WASTEMS

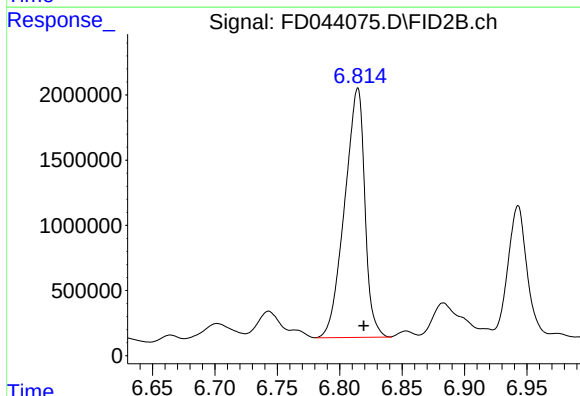
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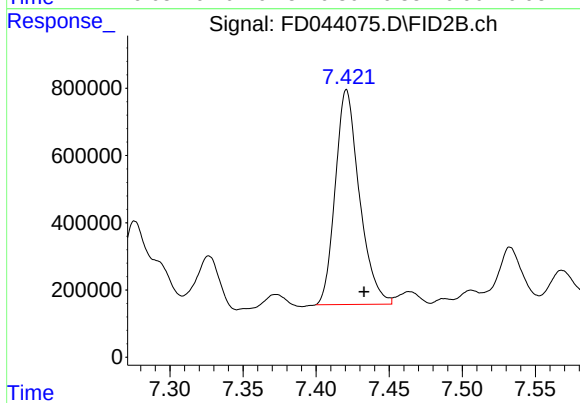
#2 Naphthalene (C11.7)

R.T.: 5.758 min
Delta R.T.: -0.016 min
Response: 7058586
Conc: 49.57 ug/ml m



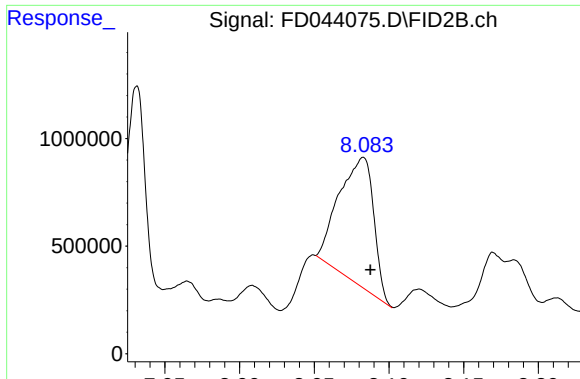
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.814 min
Delta R.T.: -0.005 min
Response: 21582472
Conc: 147.53 ug/ml m



#4 2-Bromonaphthalene (SURR)

R.T.: 7.421 min
Delta R.T.: -0.012 min
Response: 7336218
Conc: 55.76 ug/ml



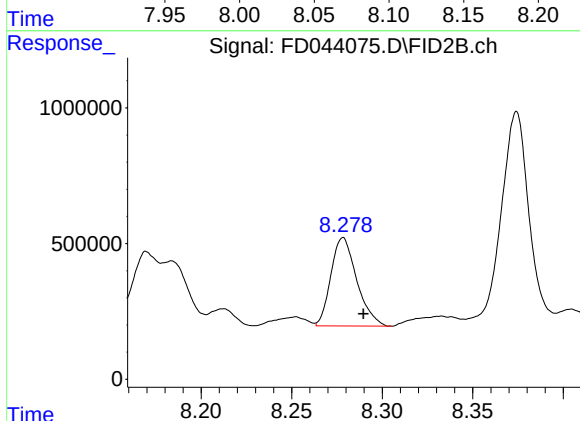
#5 Acenaphthylene (C15.06)

R.T.: 8.083 min
Delta R.T.: -0.004 min
Response: 9429926
Conc: 61.11 ug/ml

Instrument :
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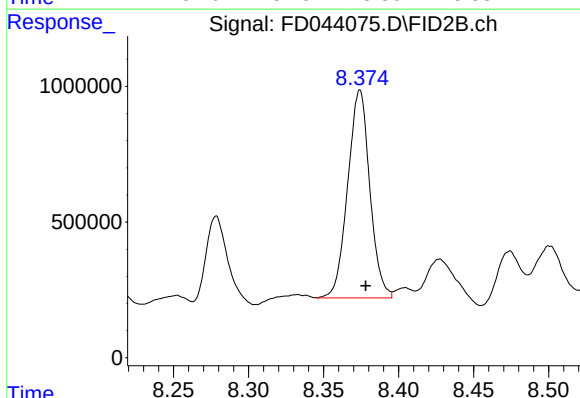
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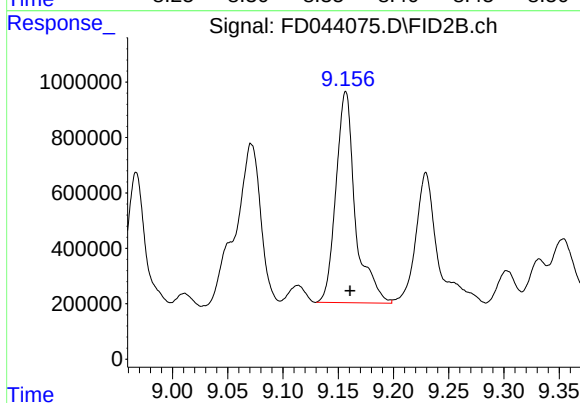
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.279 min
Delta R.T.: -0.011 min
Response: 3241422
Conc: 44.93 ug/ml



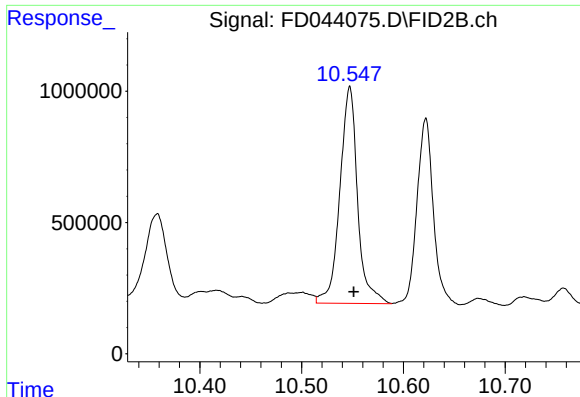
#7 Acenaphthene (C15.5)

R.T.: 8.374 min
Delta R.T.: -0.004 min
Response: 7861789
Conc: 44.92 ug/ml m



#8 Flouorene (C16.55)

R.T.: 9.157 min
Delta R.T.: -0.004 min
Response: 9333084
Conc: 63.50 ug/ml



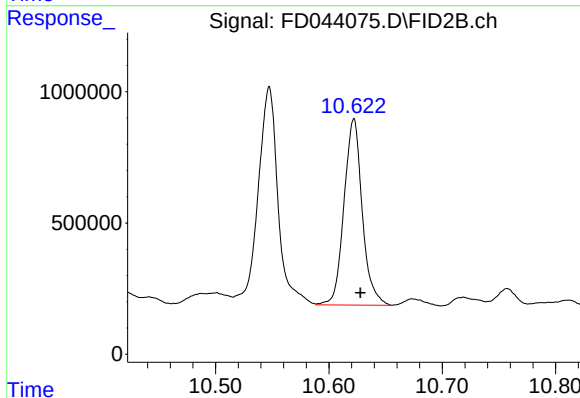
#9 Phenanthrene (C19.36)

R.T.: 10.547 min
Delta R.T.: -0.004 min
Response: 10007597
Conc: 69.16 ug/ml

Instrument :
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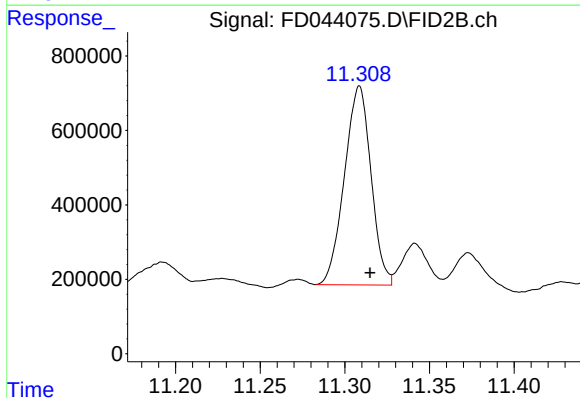
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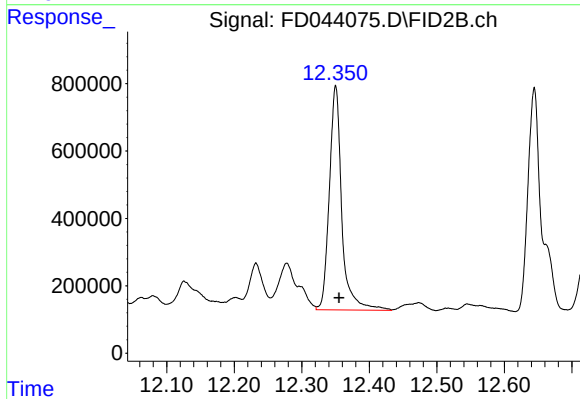
#10 Anthracene (C19.43)

R.T.: 10.622 min
Delta R.T.: -0.006 min
Response: 7930036
Conc: 54.03 ug/ml m



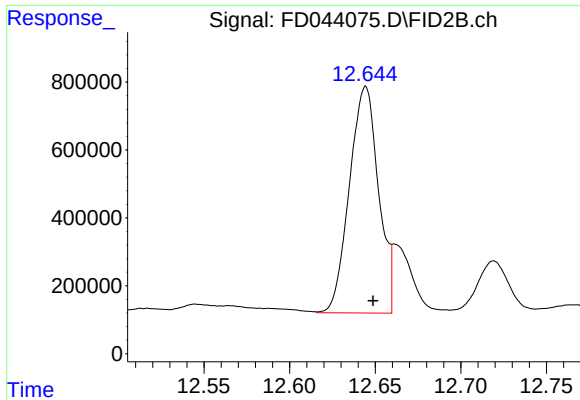
#11 ortho-Terphenyl (SURR)

R.T.: 11.308 min
Delta R.T.: -0.007 min
Response: 5845115
Conc: 31.38 ug/ml m



#12 Fluoranthene (C21.85)

R.T.: 12.350 min
Delta R.T.: -0.005 min
Response: 8526272
Conc: 55.59 ug/ml m



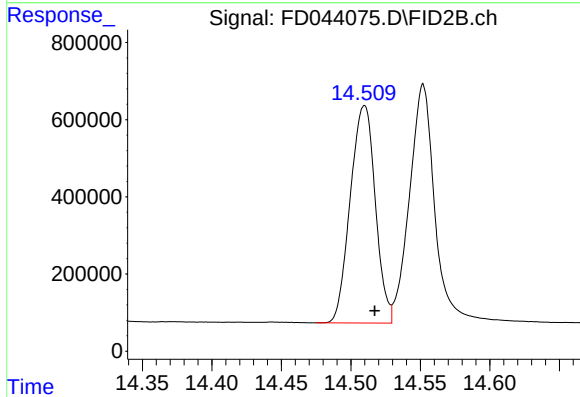
#13 Pyrene (C20.8)

R.T.: 12.644 min
Delta R.T.: -0.005 min
Response: 7899793
Conc: 53.10 ug/ml

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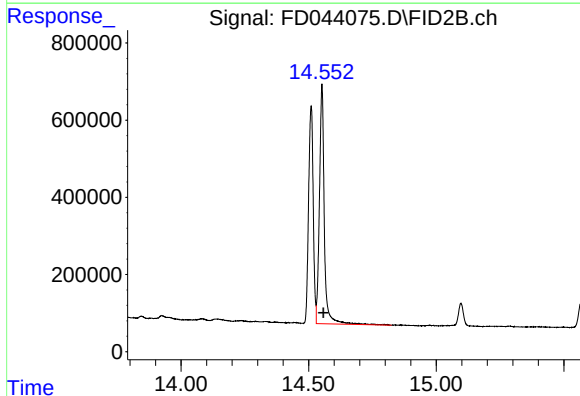
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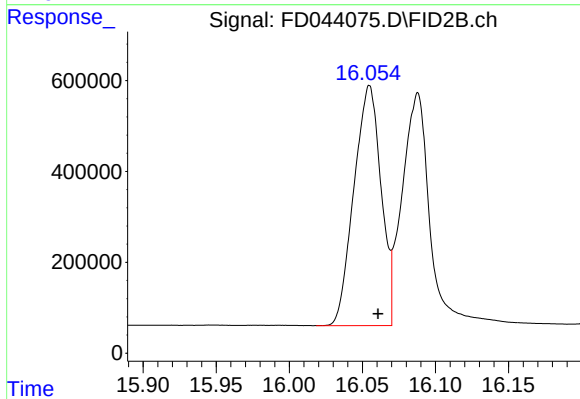
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.510 min
Delta R.T.: -0.008 min
Response: 7066724
Conc: 63.21 ug/ml



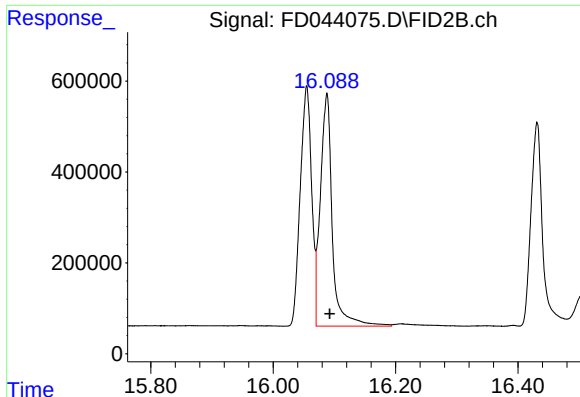
#15 Chrysene (C27.41)

R.T.: 14.552 min
Delta R.T.: -0.006 min
Response: 8239685
Conc: 52.72 ug/ml



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

R.T.: 16.055 min
Delta R.T.: -0.006 min
Response: 6823048
Conc: 58.51 ug/ml



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

R.T.: 16.087 min
Delta R.T.: -0.005 min
Response: 6945805
Conc: 46.78 ug/ml

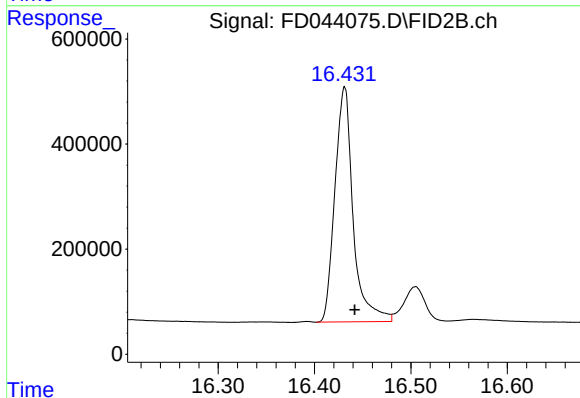
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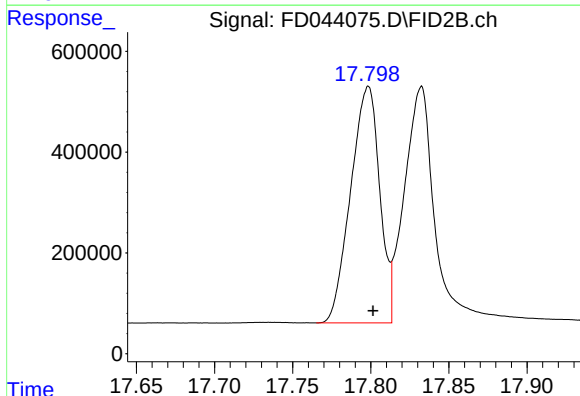
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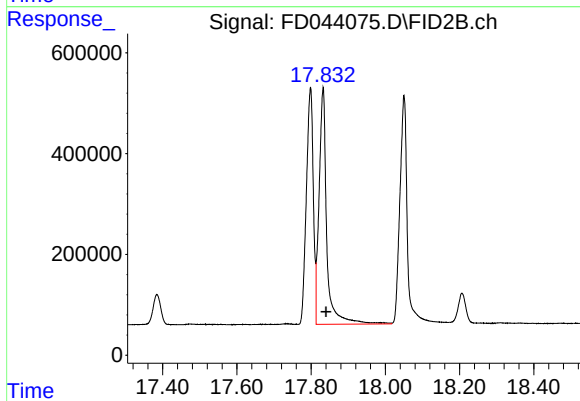
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.431 min
Delta R.T.: -0.011 min
Response: 5885313
Conc: 48.59 ug/ml



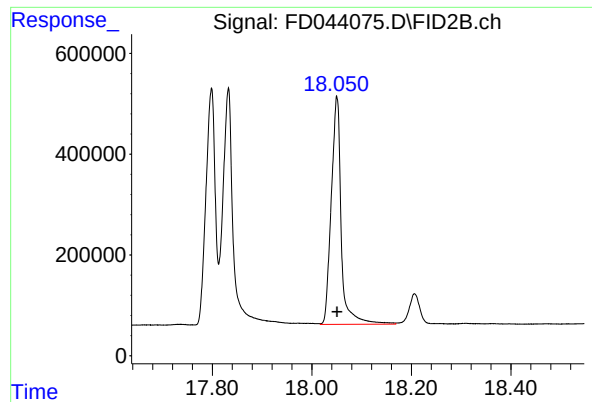
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.798 min
Delta R.T.: -0.003 min
Response: 6068881
Conc: 63.83 ug/ml



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

R.T.: 17.832 min
Delta R.T.: -0.009 min
Response: 6732780
Conc: 56.05 ug/ml



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

R.T.: 18.050 min
Delta R.T.: 0.000 min
Response: 6302827
Conc: 55.31 ug/ml

Instrument :

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ClientSampleId :

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