

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070323AR\
 Data File : FD046044.D
 Signal(s) : FID2B.ch
 Acq On : 03 Jul 2023 17:58
 Operator : YP/AJ
 Sample : PB153957BS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB153957BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2023
 Supervised By :Ankita Jodhani 07/05/2023

Integration File: sample.E
 Quant Time: Jul 05 01:25:40 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 062423.M
 Quant Title : GC Extractables
 QLast Update : Sun Jun 25 04:38:13 2023
 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...	7.521	8166788	37.897 ug/ml
Spiked Amount 50.000		Recovery =	75.79%
6) S 2-Fluorobiphenyl (SURR)	8.377	5089182	36.771 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	73.54%
11) S ortho-Terphenyl (SURR)	11.416	8642964	34.092 ug/ml
Spiked Amount 50.000		Recovery =	68.18%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.328	6026087	24.191 ug/ml
2) T Naphthalene (C11.7)	5.858	6716902	26.328 ug/mlm
3) T 2-Methylnaphthalene (...)	6.909	6739768	26.735 ug/ml
5) T Acenaphthylene (C15.06)	8.180	7116111	32.763 ug/ml
7) T Acenaphthene (C15.5)	8.477	7440486	31.565 ug/ml
8) T Flouorene (C16.55)	9.255	7202616	31.834 ug/ml
9) T Phenanthrene (C19.36)	10.646	7000235	32.807 ug/ml
10) T Anthracene (C19.43)	10.721	6898107	43.413 ug/ml
12) T Fluoranthene (C21.85)	12.452	6800631	33.230 ug/ml
13) T Pyrene (C20.8)	12.747	6831831	35.137 ug/ml
14) T Benzo[a]anthracene (C...	14.612	6334219	35.220 ug/ml
15) T Chrysene (C27.41)	14.656	6311019	32.154 ug/ml
16) T benzo[b]fluoranthene ...	16.157	6682605	35.630 ug/ml
17) T Bnezo[k]fluoranthene ...	16.192	6357494	32.140 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.532	5804787	33.317 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.892	6067322	32.601 ug/ml
20) T Dibenz[a,h]anthracene...	17.932	5869381	31.924 ug/ml
21) T Benzo[g,h,i]perylene ...	18.147	6189753	33.127 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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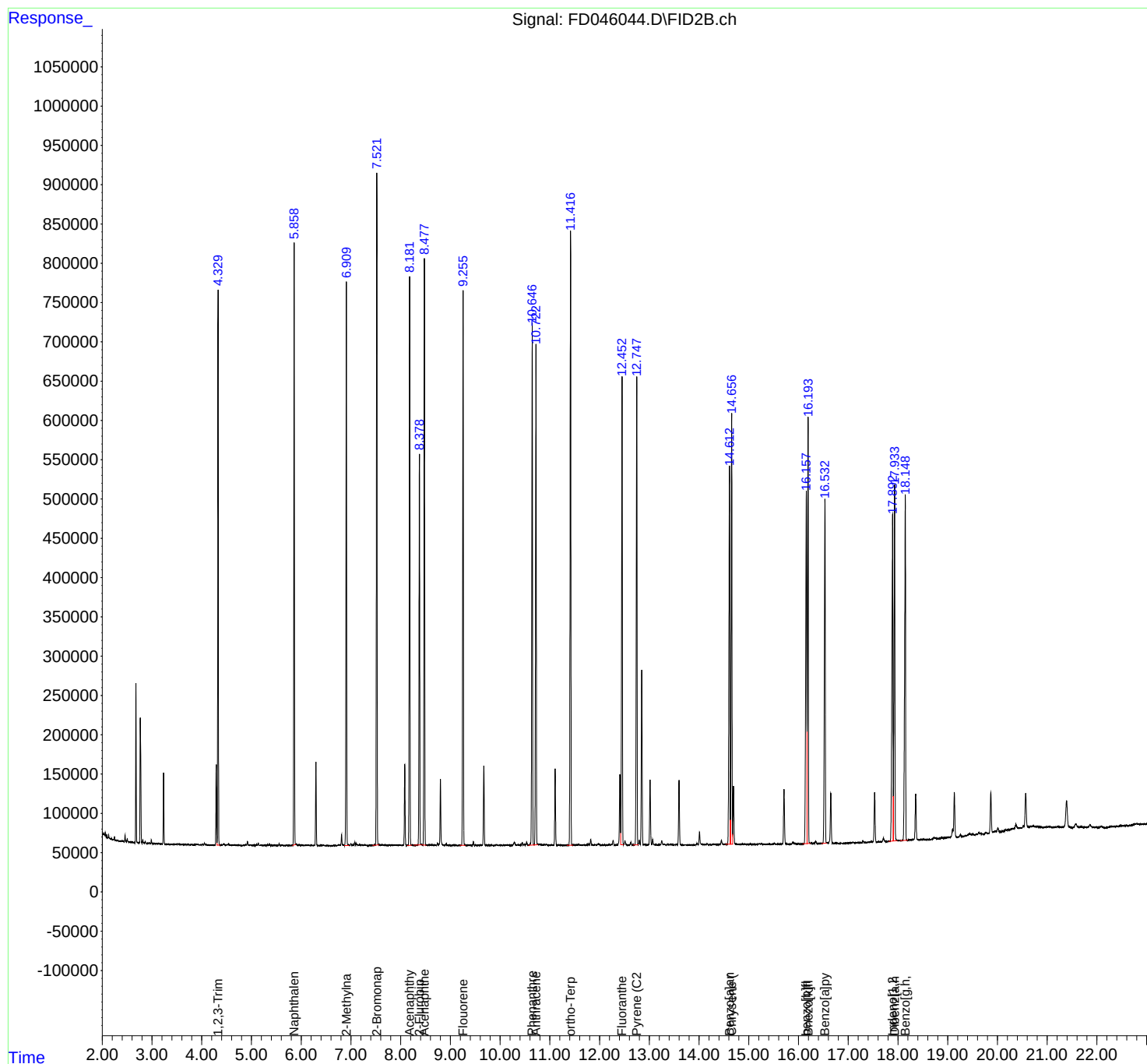
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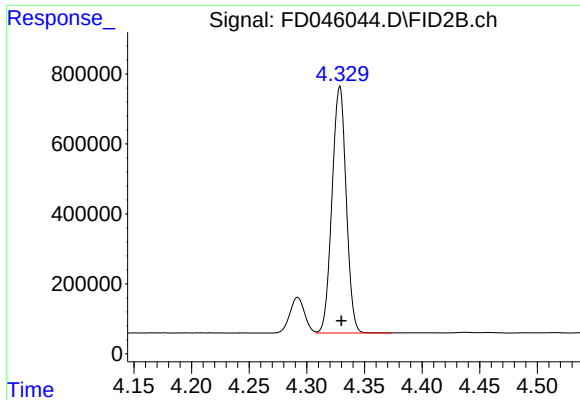
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.328 min
Delta R.T.: -0.002 min
Response: 6026087
Conc: 24.19 ug/ml

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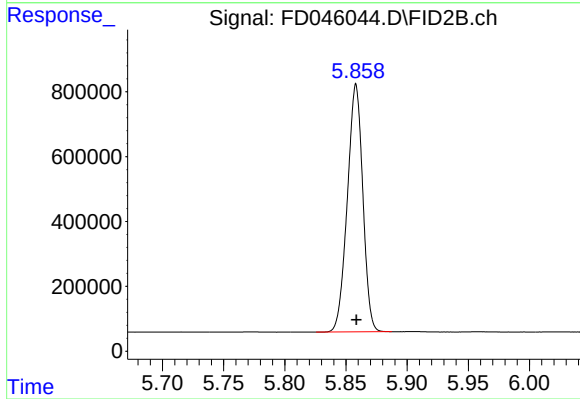
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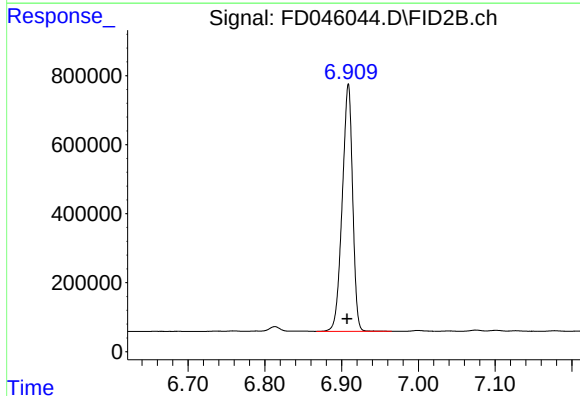
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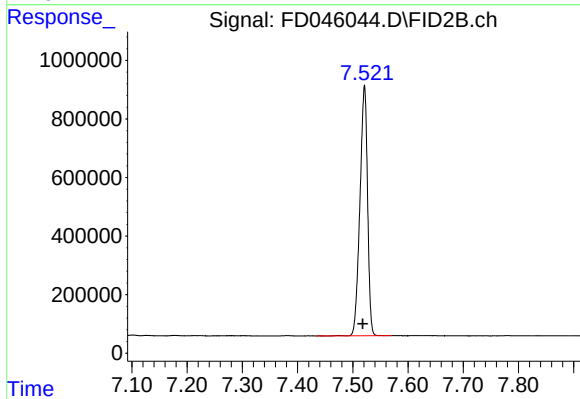
#2 Naphthalene (C11.7)

R.T.: 5.858 min
Delta R.T.: 0.000 min
Response: 6716902
Conc: 26.33 ug/ml m



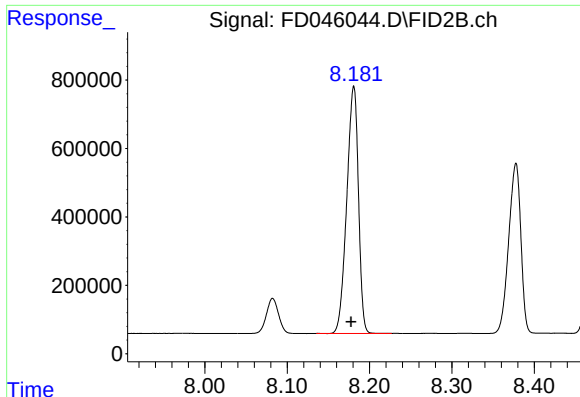
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.909 min
Delta R.T.: 0.001 min
Response: 6739768
Conc: 26.74 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.521 min
Delta R.T.: 0.003 min
Response: 8166788
Conc: 37.90 ug/ml



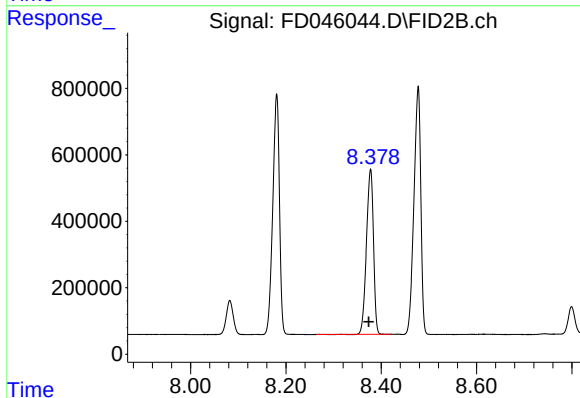
#5 Acenaphthylene (C15.06)

R.T.: 8.180 min
Delta R.T.: 0.003 min
Response: 7116111
Conc: 32.76 ug/ml

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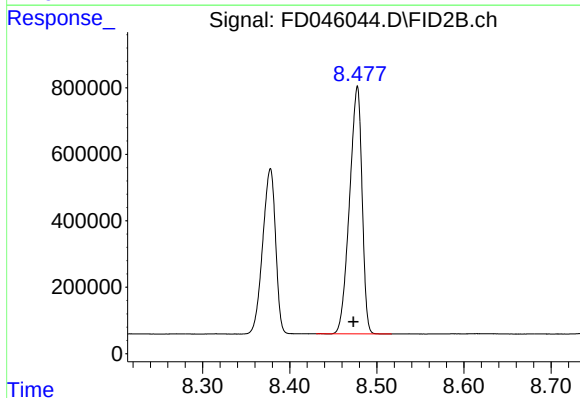
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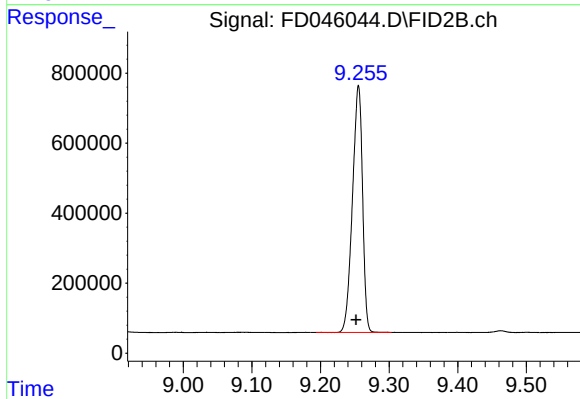
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.377 min
Delta R.T.: 0.004 min
Response: 5089182
Conc: 36.77 ug/ml



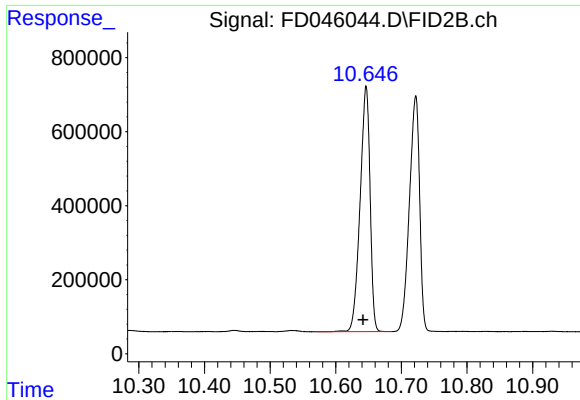
#7 Acenaphthene (C15.5)

R.T.: 8.477 min
Delta R.T.: 0.004 min
Response: 7440486
Conc: 31.56 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.255 min
Delta R.T.: 0.003 min
Response: 7202616
Conc: 31.83 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.646 min
Delta R.T.: 0.005 min
Response: 7000235
Conc: 32.81 ug/ml

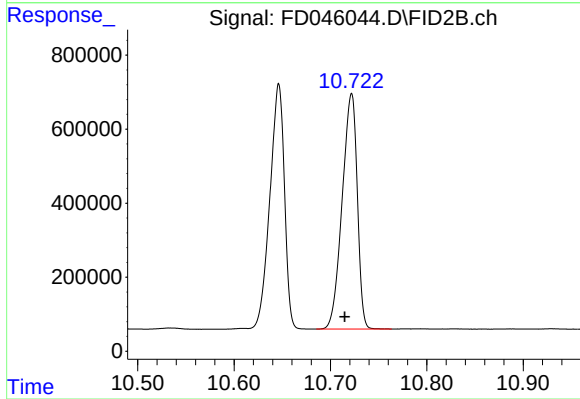
Instrument :

FID_D

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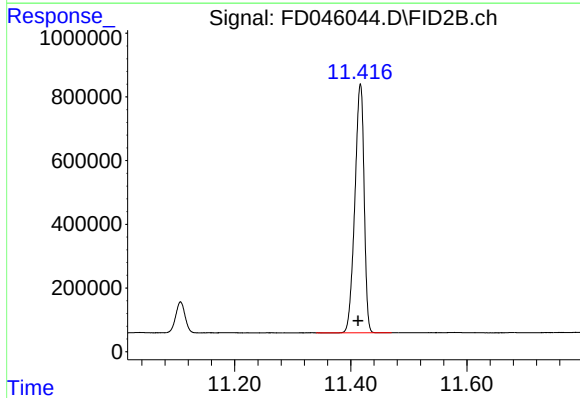
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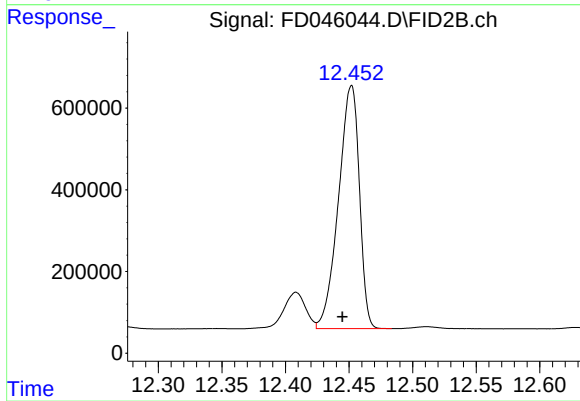
#10 Anthracene (C19.43)

R.T.: 10.721 min
Delta R.T.: 0.007 min
Response: 6898107
Conc: 43.41 ug/ml



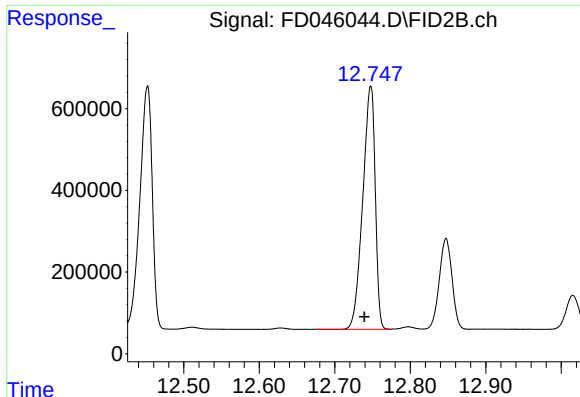
#11 ortho-Terphenyl (SURR)

R.T.: 11.416 min
Delta R.T.: 0.003 min
Response: 8642964
Conc: 34.09 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.452 min
Delta R.T.: 0.007 min
Response: 6800631
Conc: 33.23 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.747 min
Delta R.T.: 0.008 min
Response: 6831831
Conc: 35.14 ug/ml

Instrument :

FID_D

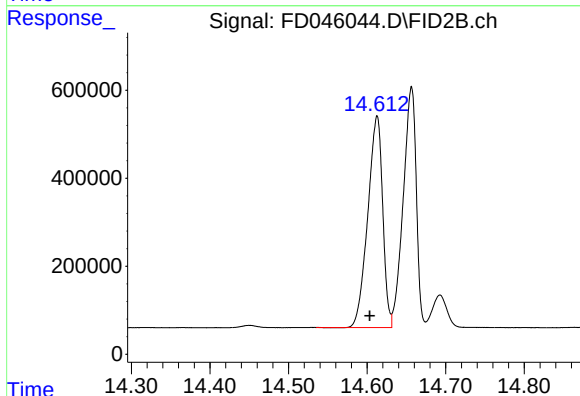
ClientSampleId :

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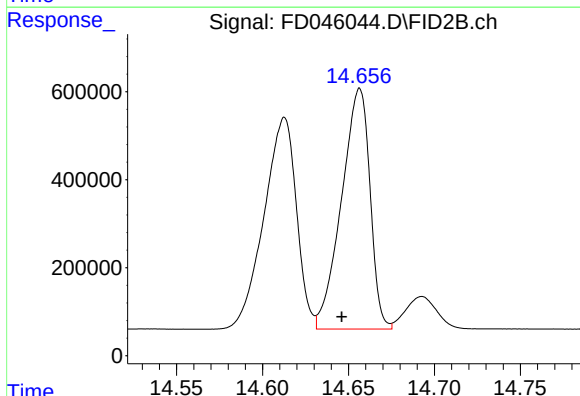
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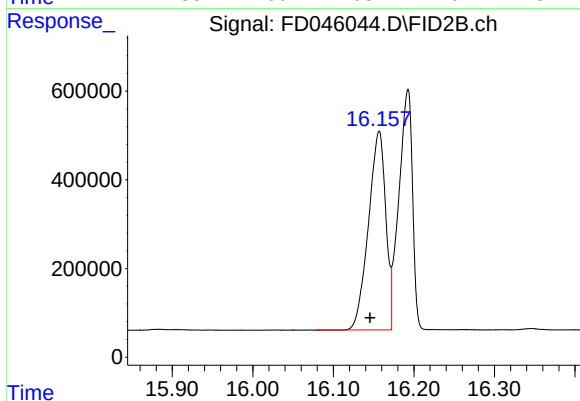
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.612 min
Delta R.T.: 0.009 min
Response: 6334219
Conc: 35.22 ug/ml



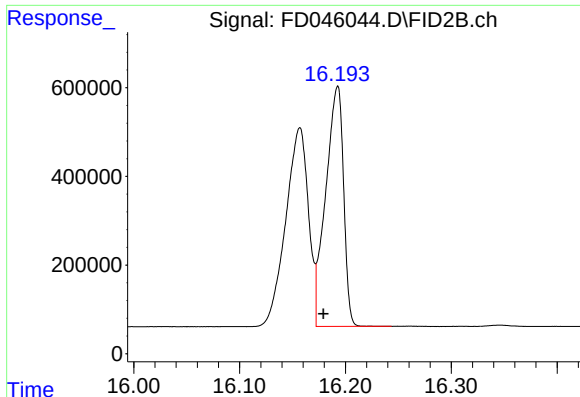
#15 Chrysene (C27.41)

R.T.: 14.656 min
Delta R.T.: 0.010 min
Response: 6311019
Conc: 32.15 ug/ml



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

R.T.: 16.157 min
Delta R.T.: 0.011 min
Response: 6682605
Conc: 35.63 ug/ml



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

R.T.: 16.192 min
Delta R.T.: 0.013 min
Response: 6357494
Conc: 32.14 ug/ml

Instrument :

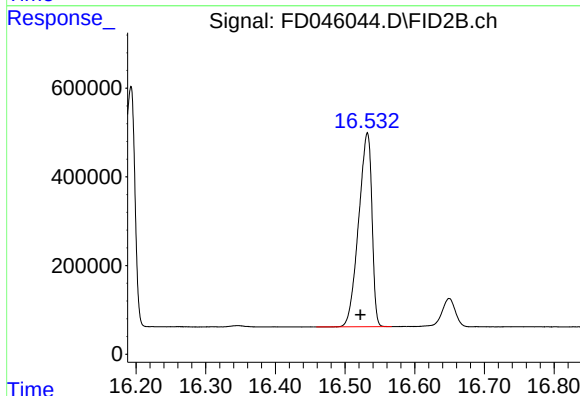
FID_D

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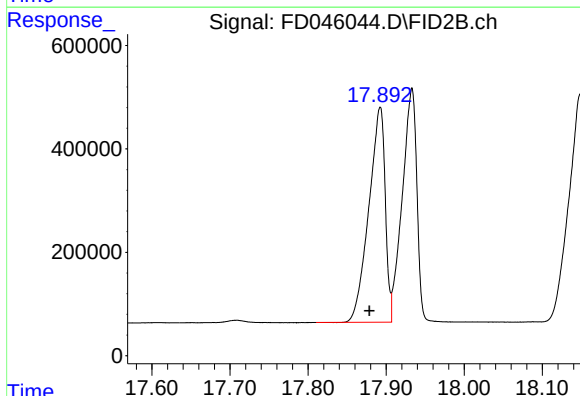
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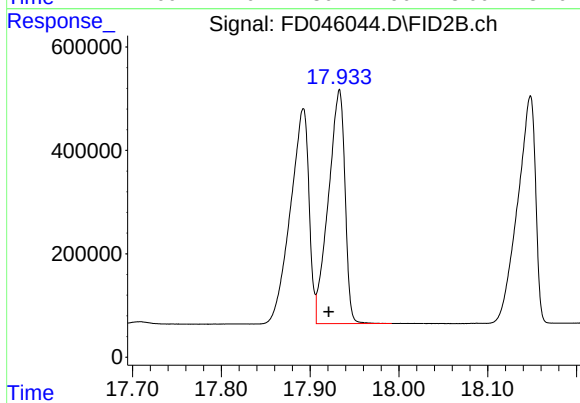
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.532 min
Delta R.T.: 0.009 min
Response: 5804787
Conc: 33.32 ug/ml



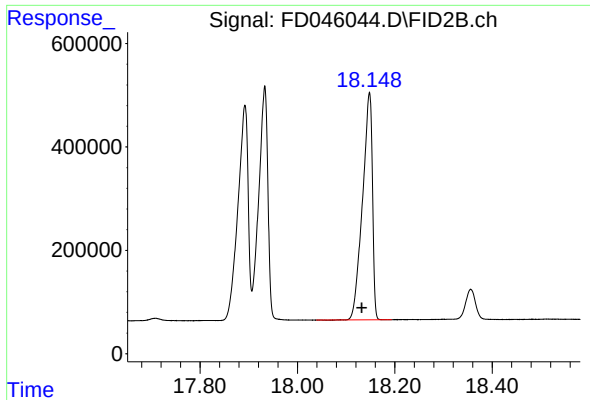
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.892 min
Delta R.T.: 0.013 min
Response: 6067322
Conc: 32.60 ug/ml



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

R.T.: 17.932 min
Delta R.T.: 0.011 min
Response: 5869381
Conc: 31.92 ug/ml



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

R.T.: 18.147 min
Delta R.T.: 0.015 min
Response: 6189753
Conc: 33.13 ug/ml

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