

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102723AR\
 Data File : FD046794.D
 Signal(s) : FID2B.ch
 Acq On : 27 Oct 2023 17:07
 Operator : YP/AJ
 Sample : 100 PPM AROMATIC HC STD1
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 100 PPM AROMATIC HC STD1

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/30/2023
 Supervised By :mohammad ahmed 10/30/2023

Integration File: autoint1.e
 Quant Time: Oct 28 02:43:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 102723.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:41:01 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...	7.492	16566298	94.646 ug/ml
Spiked Amount 50.000		Recovery =	189.29%
6) S 2-Fluorobiphenyl (SURR)	8.347	11009877	95.727 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	191.45%#
11) S ortho-Terphenyl (SURR)	11.386	19241445	94.781 ug/ml
Spiked Amount 50.000		Recovery =	189.56%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.303	17177101	93.737 ug/ml
2) T Naphthalene (C11.7)	5.831	17964177	93.930 ug/ml
3) T 2-Methylnaphthalene (...)	6.881	18159641	94.098 ug/ml
5) T Acenaphthylene (C15.06)	8.151	16750006	94.658 ug/ml
7) T Acenaphthene (C15.5)	8.449	17763954	94.418 ug/ml
8) T Flouorene (C16.55)	9.226	17281127	95.448 ug/ml
9) T Phenanthrene (C19.36)	10.615	16795187	96.226 ug/ml
10) T Anthracene (C19.43)	10.692	15996181	96.162 ug/ml
12) T Fluoranthene (C21.85)	12.421	16315515	96.472 ug/ml
13) T Pyrene (C20.8)	12.716	15792503	96.179 ug/ml
14) T Benzo[a]anthracene (C...	14.578	13640417	97.482 ug/ml
15) T Chrysene (C27.41)	14.626	14307652	95.445 ug/ml
16) T benzo[b]fluoranthene ...	16.123	13475904	95.952 ug/ml
17) T Bnezo[k]fluoranthene ...	16.162	13499634	96.328 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.500	13065582	95.782 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.860	12594656	98.722 ug/ml
20) T Dibenz[a,h]anthracene...	17.901	11595704	91.317 ug/mlm
21) T Benzo[g,h,i]perylene ...	18.118	12554697	94.404 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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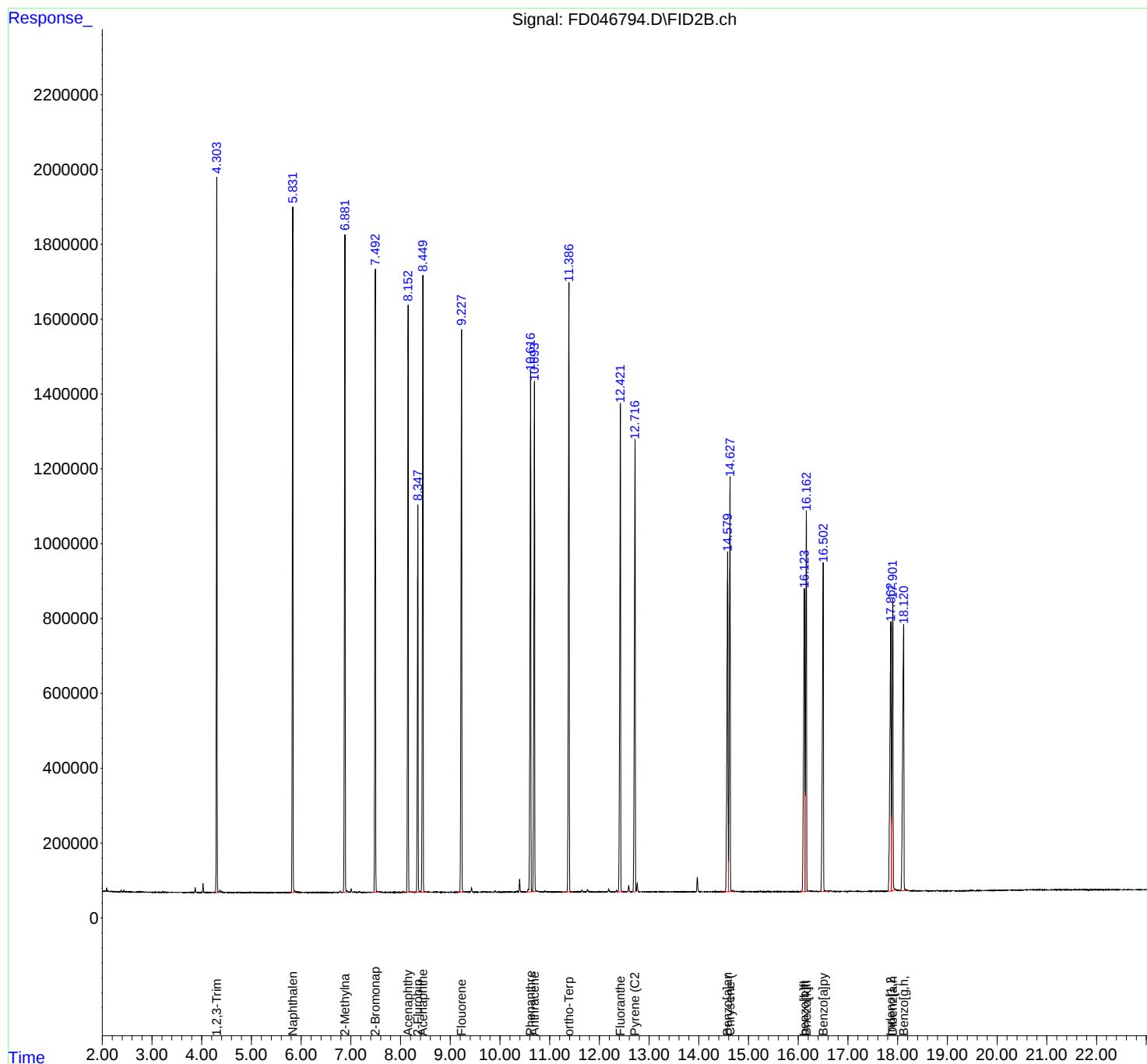
Instrument :
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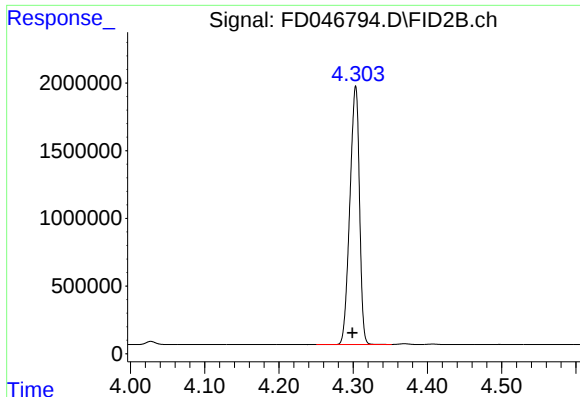
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.303 min
Delta R.T.: 0.004 min
Response: 17177101
Conc: 93.74 ug/ml

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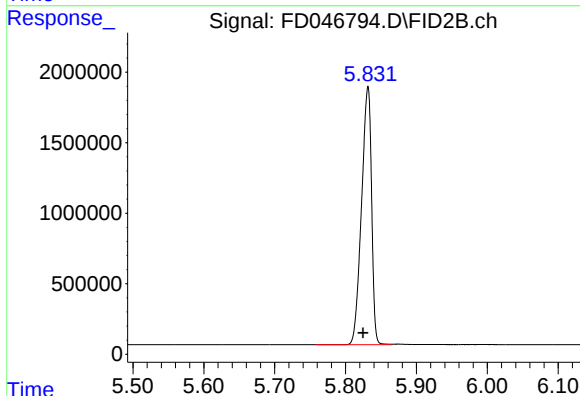
100 PPM AROMATIC HC STD1

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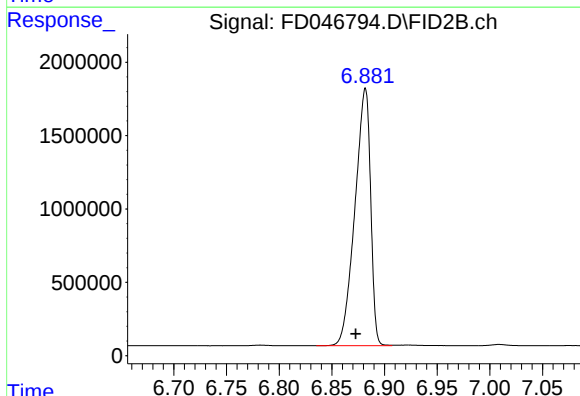
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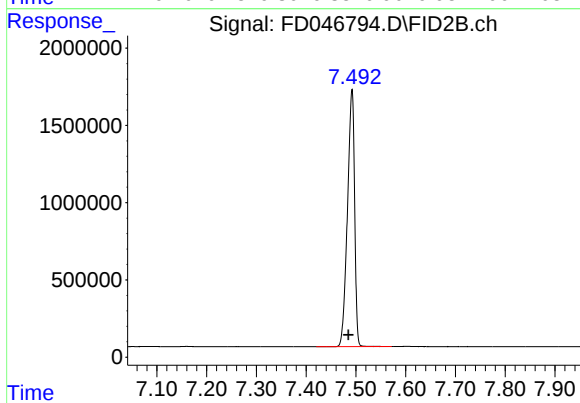
#2 Naphthalene (C11.7)

R.T.: 5.831 min
Delta R.T.: 0.006 min
Response: 17964177
Conc: 93.93 ug/ml



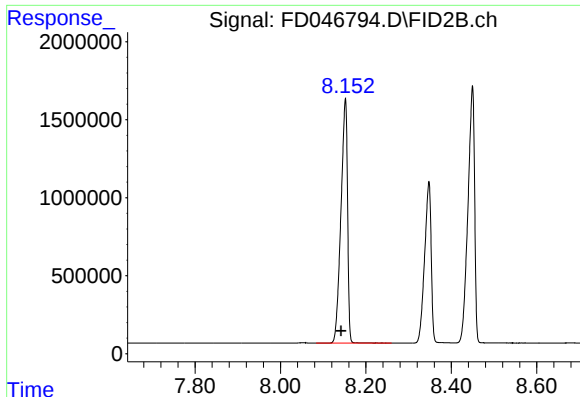
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.881 min
Delta R.T.: 0.008 min
Response: 18159641
Conc: 94.10 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.492 min
Delta R.T.: 0.007 min
Response: 16566298
Conc: 94.65 ug/ml



#5 Acenaphthylene (C15.06)

R.T.: 8.151 min
Delta R.T.: 0.010 min
Response: 16750006
Conc: 94.66 ug/ml

Instrument :

FID_D

ClientSampleId :

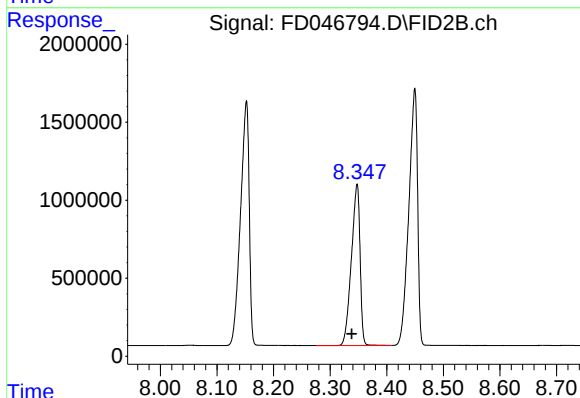
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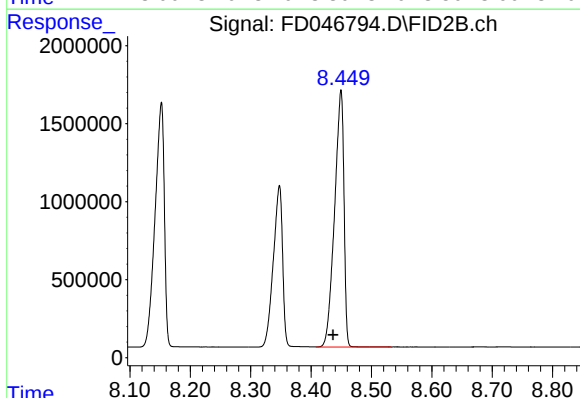
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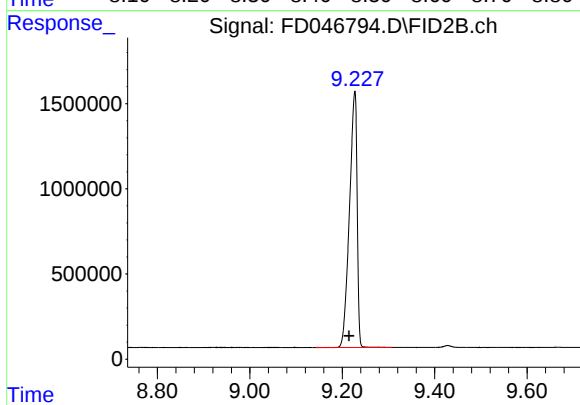
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.347 min
Delta R.T.: 0.009 min
Response: 11009877
Conc: 95.73 ug/ml



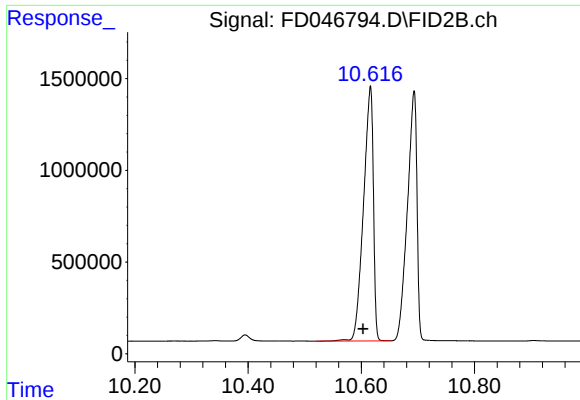
#7 Acenaphthene (C15.5)

R.T.: 8.449 min
Delta R.T.: 0.012 min
Response: 17763954
Conc: 94.42 ug/ml



#8 Fluorene (C16.55)

R.T.: 9.226 min
Delta R.T.: 0.012 min
Response: 17281127
Conc: 95.45 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.615 min
Delta R.T.: 0.012 min
Response: 16795187
Conc: 96.23 ug/ml

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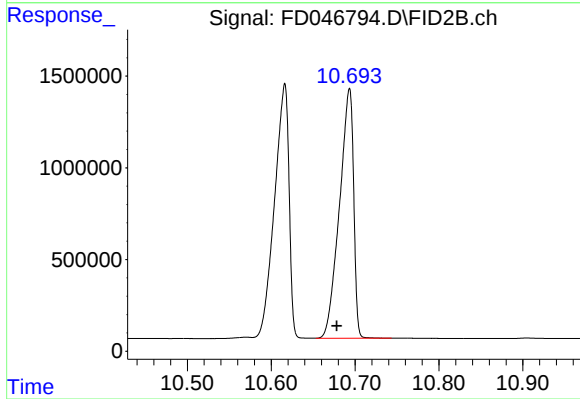
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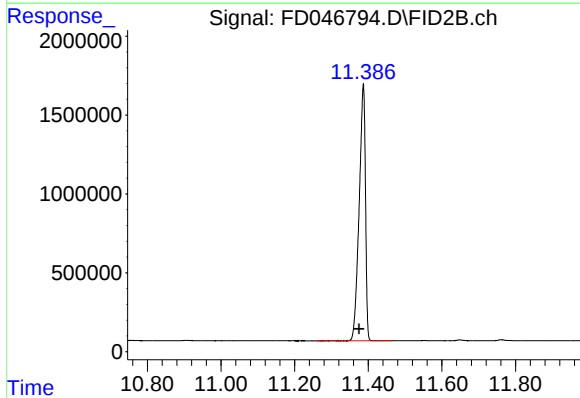
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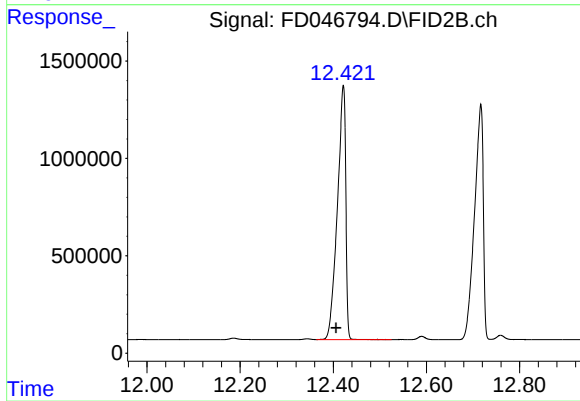
#10 Anthracene (C19.43)

R.T.: 10.692 min
Delta R.T.: 0.015 min
Response: 15996181
Conc: 96.16 ug/ml



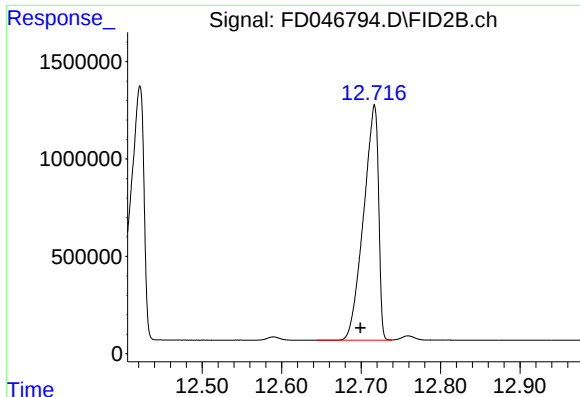
#11 ortho-Terphenyl (SURR)

R.T.: 11.386 min
Delta R.T.: 0.011 min
Response: 19241445
Conc: 94.78 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.421 min
Delta R.T.: 0.015 min
Response: 16315515
Conc: 96.47 ug/ml



#13 Pyrene (C20.8)

R.T.: 12.716 min
Delta R.T.: 0.017 min
Response: 15792503
Conc: 96.18 ug/ml

Instrument :

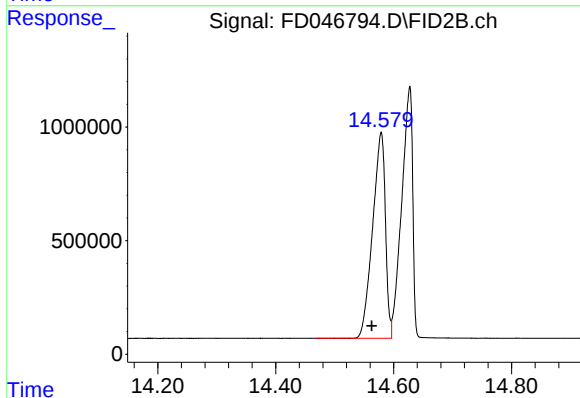
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ClientSampleId :

100 PPM AROMATIC HC STD1

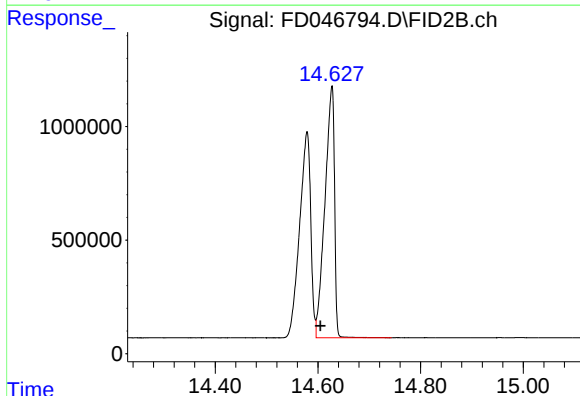
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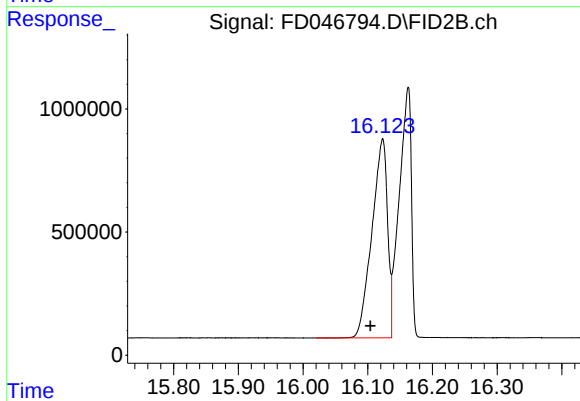
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.578 min
Delta R.T.: 0.016 min
Response: 13640417
Conc: 97.48 ug/ml



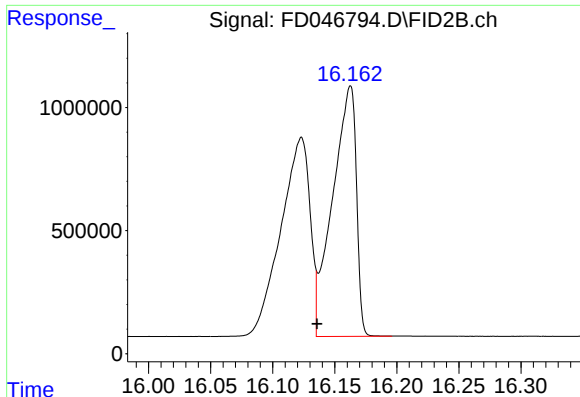
#15 Chrysene (C27.41)

R.T.: 14.626 min
Delta R.T.: 0.021 min
Response: 14307652
Conc: 95.45 ug/ml



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

R.T.: 16.123 min
Delta R.T.: 0.019 min
Response: 13475904
Conc: 95.95 ug/ml



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

R.T.: 16.162 min
Delta R.T.: 0.026 min
Response: 13499634
Conc: 96.33 ug/ml

Instrument :

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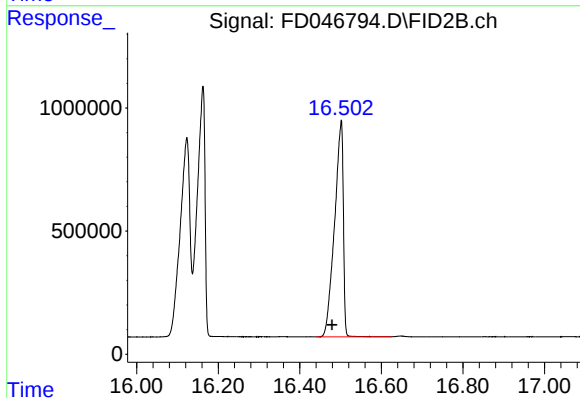
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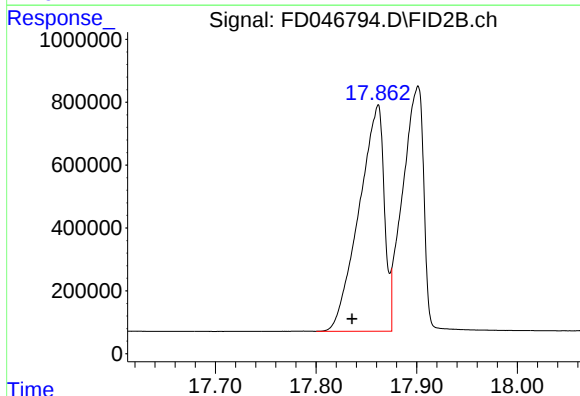
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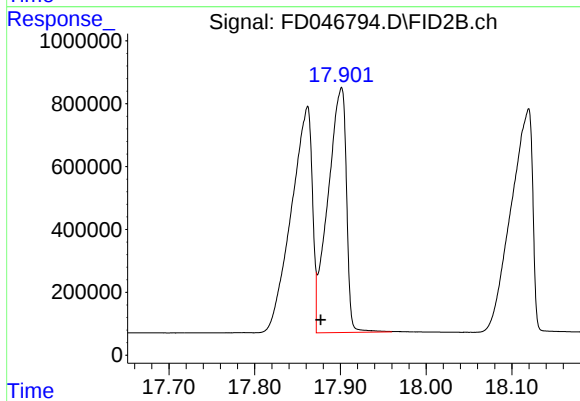
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.500 min
Delta R.T.: 0.021 min
Response: 13065582
Conc: 95.78 ug/ml



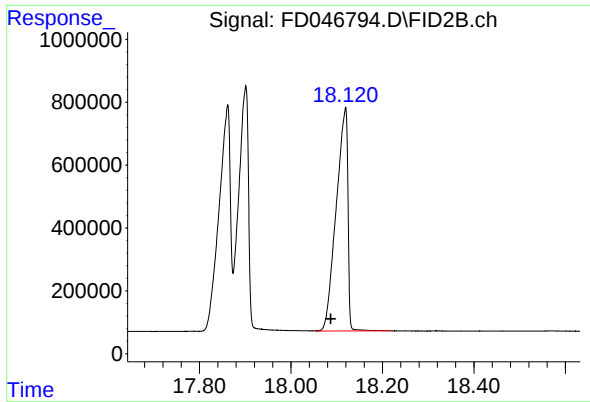
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.860 min
Delta R.T.: 0.024 min
Response: 12594656
Conc: 98.72 ug/ml



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

R.T.: 17.901 min
Delta R.T.: 0.024 min
Response: 11595704
Conc: 91.32 ug/ml m



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

R.T.: 18.118 min
Delta R.T.: 0.031 min
Response: 12554697
Conc: 94.40 ug/ml

Instrument :

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