

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD022624AR\
 Data File : FD047331.D
 Signal(s) : FID2B.ch
 Acq On : 27 Feb 2024 05:05
 Operator : YP/AJ
 Sample : P1538-16MSD
 Misc :
 ALS Vial : 76 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 20241107-AMENDED-COMPOSITE-35N-N-4-06MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/27/2024
 Supervised By :Ankita Jodhani 02/27/2024

Integration File: autoint1.e
 Quant Time: Feb 27 05:30:15 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 020824.M
 Quant Title : GC Extractables
 QLast Update : Thu Feb 08 13:43:49 2024
 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...	7.466	8610002	56.555 ug/mlm
Spiked Amount 50.000		Recovery =	113.11%
6) S 2-Fluorobiphenyl (SURR)	8.319	5458261	54.000 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	108.00%
11) S ortho-Terphenyl (SURR)	11.356	7642341	43.331 ug/ml
Spiked Amount 50.000		Recovery =	86.66%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.280	7424338	47.094 ug/ml
2) T Naphthalene (C11.7)	5.805	8793129	52.908 ug/ml
3) T 2-Methylnaphthalene (...)	6.854	9168880	54.369 ug/ml
5) T Acenaphthylene (C15.06)	8.123	9609081	62.431 ug/ml
7) T Acenaphthene (C15.5)	8.419	9484185	57.539 ug/ml
8) T Flouorene (C16.55)	9.199	9714918	61.275 ug/ml
9) T Phenanthrene (C19.36)	10.587	9621015	61.929 ug/ml
10) T Anthracene (C19.43)	10.662	9505780	64.460 ug/ml
12) T Fluoranthene (C21.85)	12.391	9630478	62.200 ug/ml
13) T Pyrene (C20.8)	12.685	9680925	64.356 ug/ml
14) T Benzo[a]anthracene (C...	14.551	8960385	66.658 ug/ml
15) T Chrysene (C27.41)	14.596	8885992	60.683 ug/ml
16) T benzo[b]fluoranthene ...	16.095	8583338	62.340 ug/ml
17) T Bnezo[k]fluoranthene ...	16.131	8417848	60.666 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.472	8150113	60.203 ug/mlm
19) T Indeno[1,2,3-cd]pyren...	17.833	8710825	68.999 ug/ml
20) T Dibenz[a,h]anthracene...	17.872	7898078	59.277 ug/ml
21) T Benzo[g,h,i]perylene ...	18.086	7698844	58.063 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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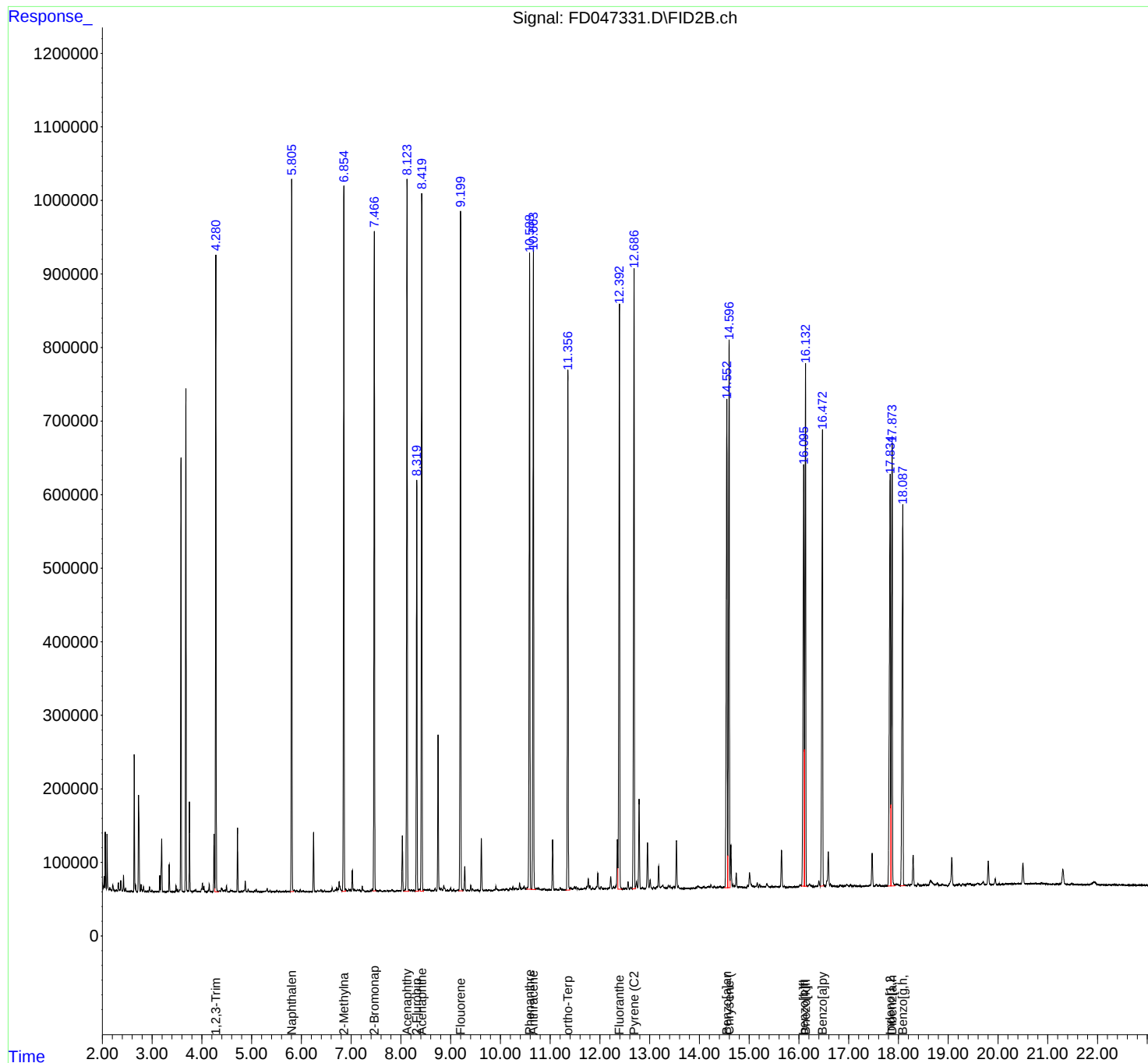
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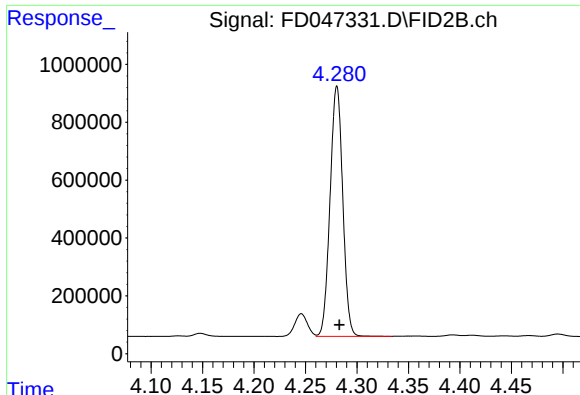
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#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.280 min
Delta R.T.: -0.003 min
Response: 7424338
Conc: 47.09 ug/ml

Instrument :

FID_D

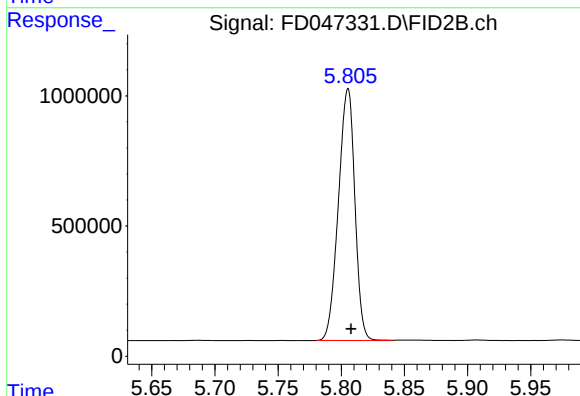
ClientSampleId :

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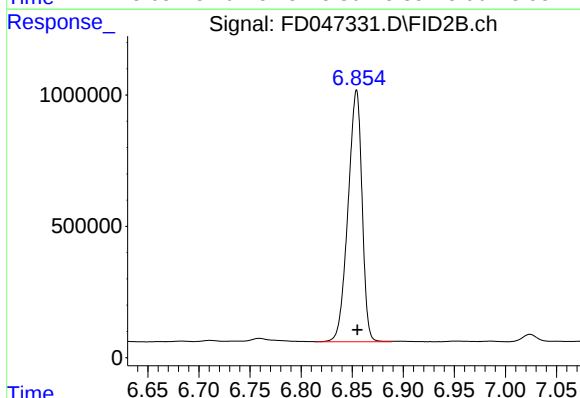
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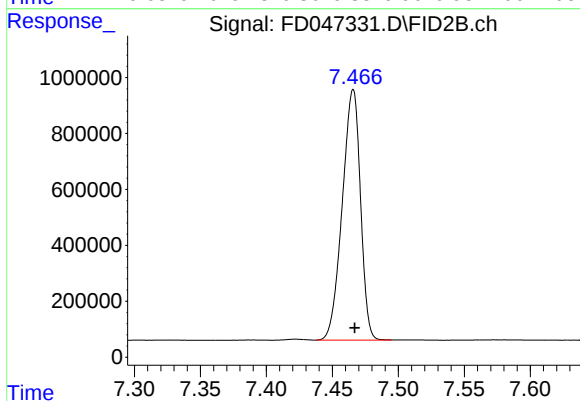
#2 Naphthalene (C11.7)

R.T.: 5.805 min
Delta R.T.: -0.003 min
Response: 8793129
Conc: 52.91 ug/ml



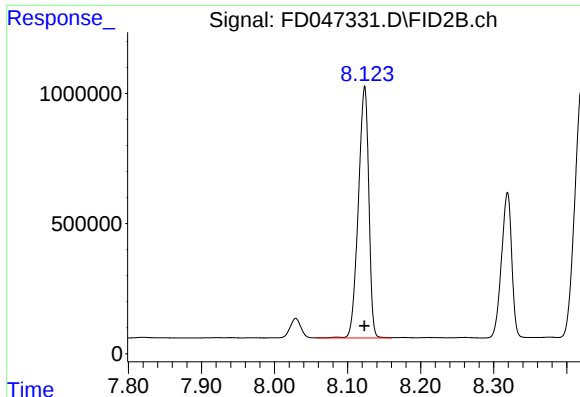
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.854 min
Delta R.T.: -0.001 min
Response: 9168880
Conc: 54.37 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.466 min
Delta R.T.: -0.002 min
Response: 8610002
Conc: 56.55 ug/ml m



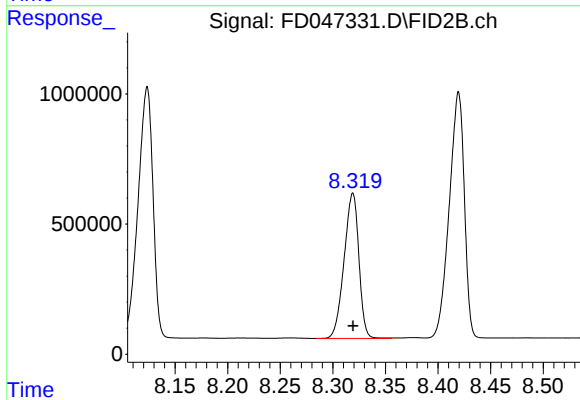
#5 Acenaphthylene (C15.06)

R.T.: 8.123 min
Delta R.T.: 0.000 min
Response: 9609081
Conc: 62.43 ug/ml

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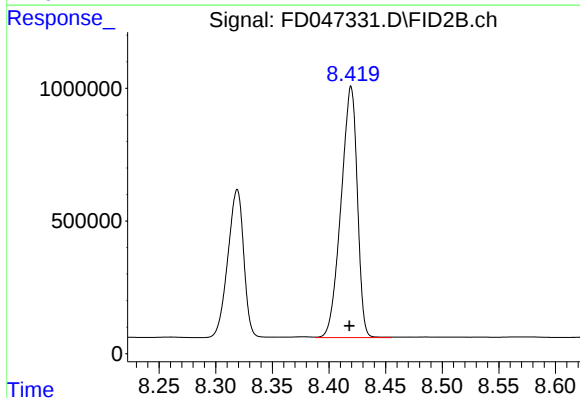
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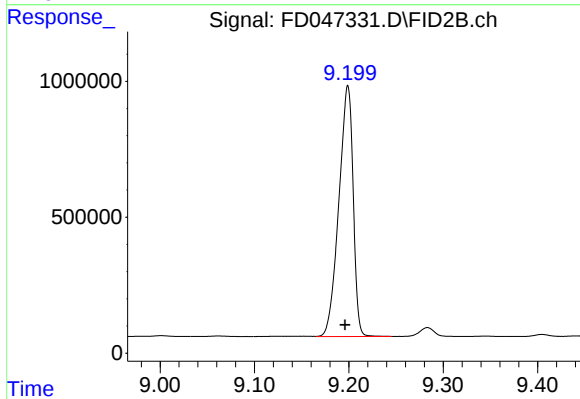
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.319 min
Delta R.T.: 0.000 min
Response: 5458261
Conc: 54.00 ug/ml



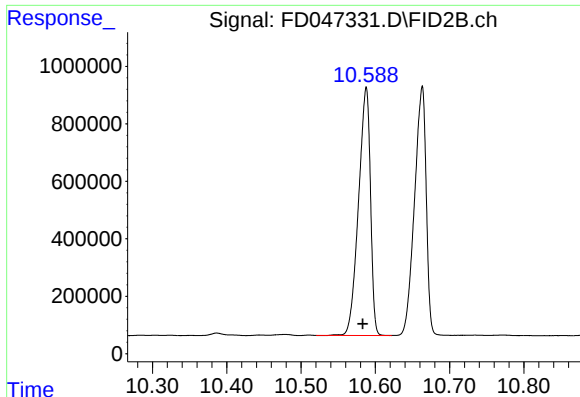
#7 Acenaphthene (C15.5)

R.T.: 8.419 min
Delta R.T.: 0.001 min
Response: 9484185
Conc: 57.54 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.199 min
Delta R.T.: 0.003 min
Response: 9714918
Conc: 61.27 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.587 min
Delta R.T.: 0.004 min
Response: 9621015
Conc: 61.93 ug/ml

Instrument :

FID_D

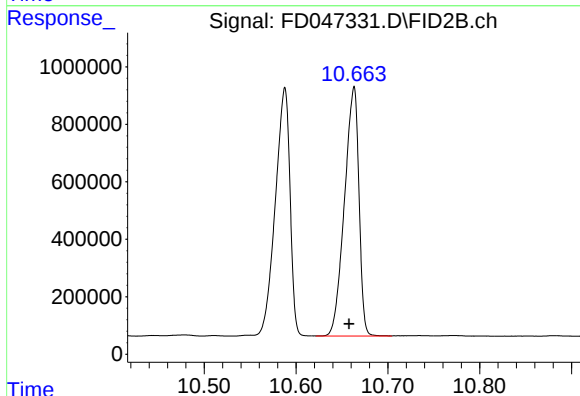
ClientSampleId :

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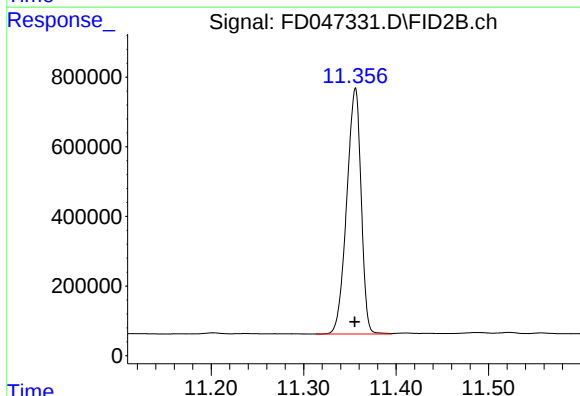
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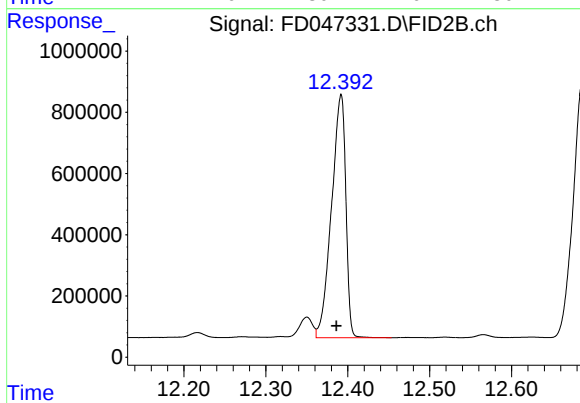
#10 Anthracene (C19.43)

R.T.: 10.662 min
Delta R.T.: 0.005 min
Response: 9505780
Conc: 64.46 ug/ml



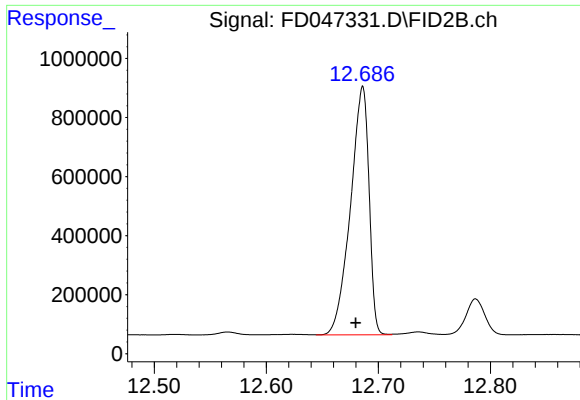
#11 ortho-Terphenyl (SURR)

R.T.: 11.356 min
Delta R.T.: 0.000 min
Response: 7642341
Conc: 43.33 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.391 min
Delta R.T.: 0.005 min
Response: 9630478
Conc: 62.20 ug/ml



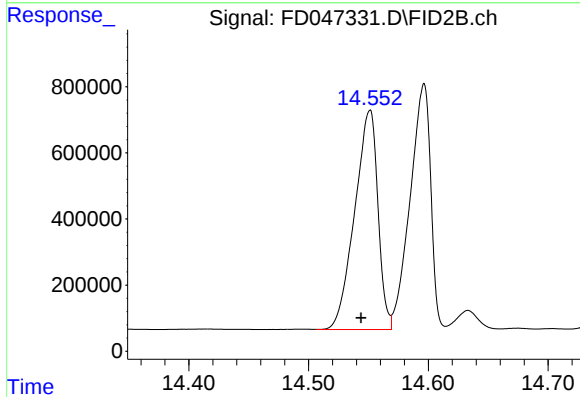
#13 Pyrene (C20.8)

R.T.: 12.685 min
Delta R.T.: 0.006 min
Response: 9680925
Conc: 64.36 ug/ml

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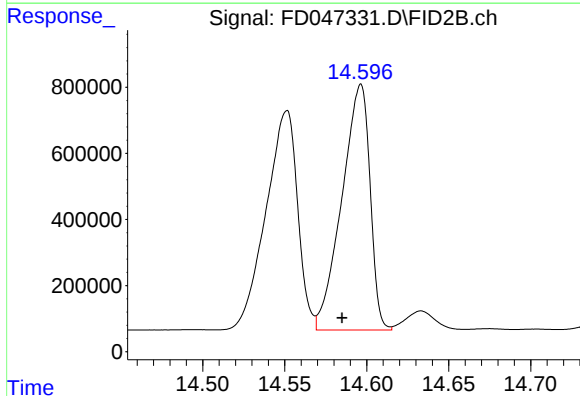
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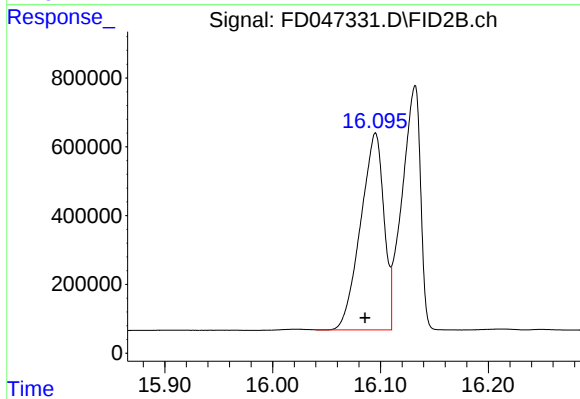
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.551 min
Delta R.T.: 0.007 min
Response: 8960385
Conc: 66.66 ug/ml



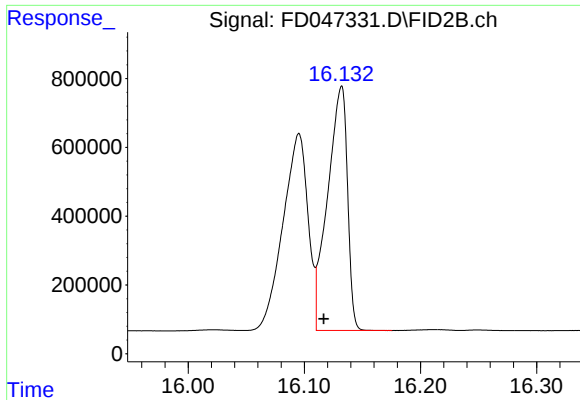
#15 Chrysene (C27.41)

R.T.: 14.596 min
Delta R.T.: 0.011 min
Response: 8885992
Conc: 60.68 ug/ml



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

R.T.: 16.095 min
Delta R.T.: 0.009 min
Response: 8583338
Conc: 62.34 ug/ml



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

R.T.: 16.131 min
Delta R.T.: 0.014 min
Response: 8417848
Conc: 60.67 ug/ml

Instrument :

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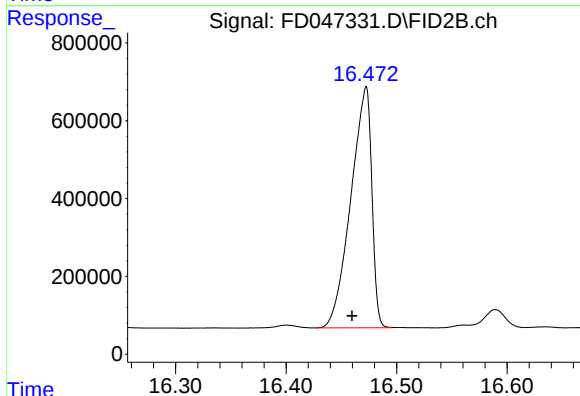
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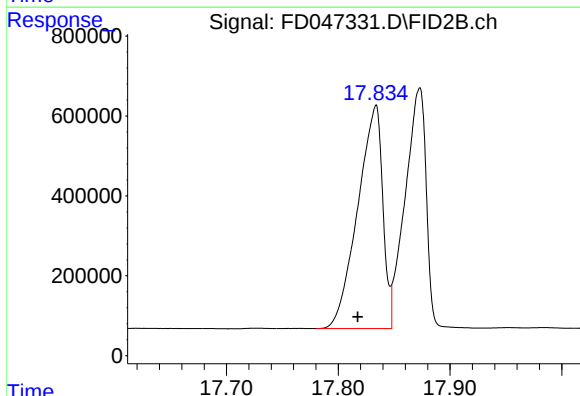
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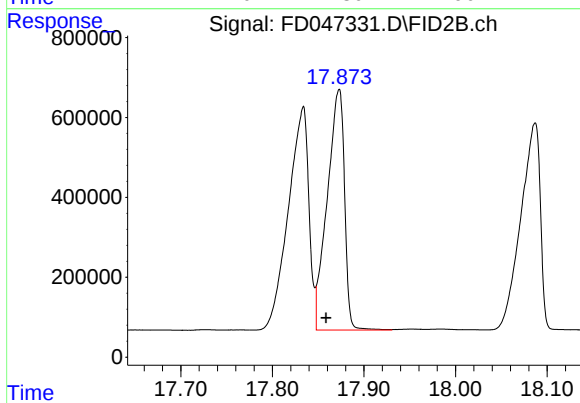
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.472 min
Delta R.T.: 0.013 min
Response: 8150113
Conc: 60.20 ug/ml m



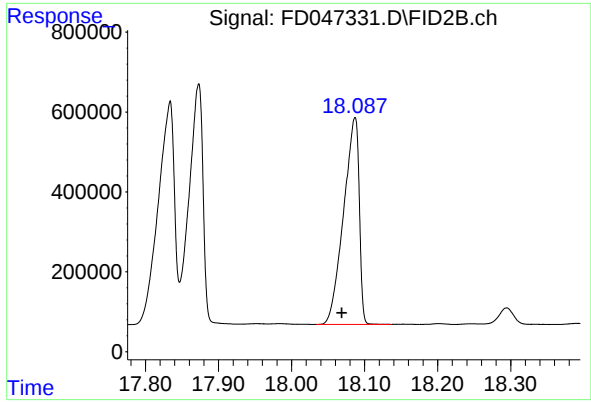
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.833 min
Delta R.T.: 0.015 min
Response: 8710825
Conc: 69.00 ug/ml



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

R.T.: 17.872 min
Delta R.T.: 0.013 min
Response: 7898078
Conc: 59.28 ug/ml



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

R.T.: 18.086 min
Delta R.T.: 0.017 min
Response: 7698844
Conc: 58.06 ug/ml

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