

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050924AR\
 Data File : FD047685.D
 Signal(s) : FID2B.ch
 Acq On : 09 May 2024 17:57
 Operator : YP/AJ
 Sample : PB160814BSD
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB160814BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/10/2024
 Supervised By :Ankita Jodhani 05/10/2024

Integration File: autoint1.e
 Quant Time: May 10 06:45:25 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 042924.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 17:13:11 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...	7.463	8160441	52.034 ug/ml
Spiked Amount 50.000		Recovery =	104.07%
6) S 2-Fluorobiphenyl (SURR)	8.317	5050106	48.279 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	96.56%
11) S ortho-Terphenyl (SURR)	11.358	8101416	43.200 ug/ml
Spiked Amount 50.000		Recovery =	86.40%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.275	6137796	37.963 ug/ml
2) T Naphthalene (C11.7)	5.800	7107659	42.006 ug/ml
3) T 2-Methylnaphthalene (...)	6.849	7299475	42.852 ug/ml
5) T Acenaphthylene (C15.06)	8.120	7688112	47.142 ug/ml
7) T Acenaphthene (C15.5)	8.416	7551906	44.926 ug/ml
8) T Flouorene (C16.55)	9.195	7815130	46.982 ug/ml
9) T Phenanthrene (C19.36)	10.587	8114838	49.566 ug/ml
10) T Anthracene (C19.43)	10.662	8013324	53.499 ug/ml
12) T Fluoranthene (C21.85)	12.395	8393571	50.584 ug/ml
13) T Pyrene (C20.8)	12.690	8538717	52.478 ug/ml
14) T Benzo[a]anthracene (C...	14.560	7913373	54.211 ug/ml
15) T Chrysene (C27.41)	14.604	7883844	50.029 ug/ml
16) T benzo[b]fluoranthene ...	16.109	7718774	51.680 ug/ml
17) T Bnezo[k]fluoranthene ...	16.144	7658423	50.869 ug/mlm
18) T Benzo[a]pyrene (C31.34)	16.485	7453221	51.654 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.852	7586735	55.900 ug/ml
20) T Dibenz[a,h]anthracene...	17.890	7134075	49.828 ug/ml
21) T Benzo[g,h,i]perylene ...	18.105	6923043	50.424 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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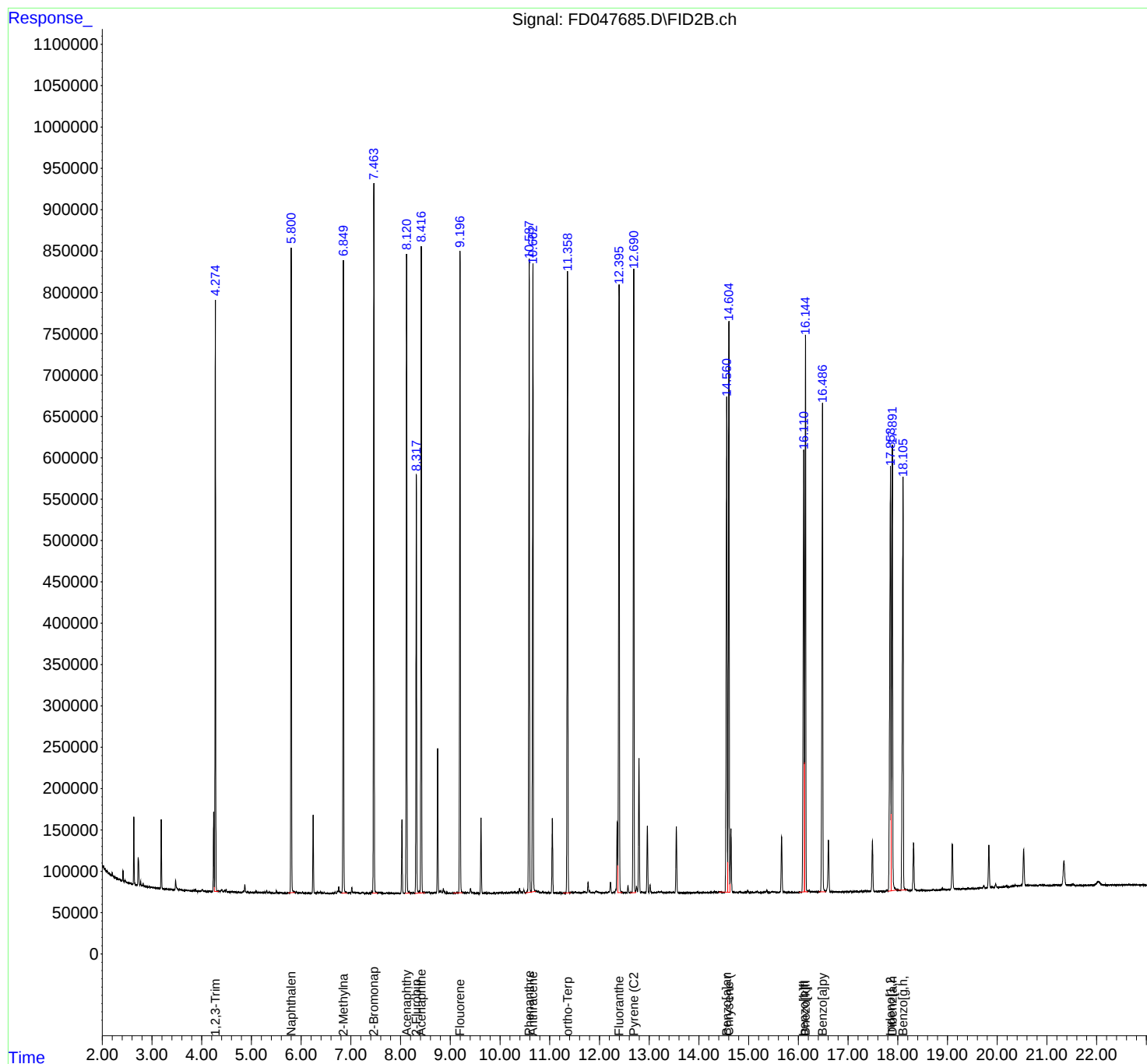
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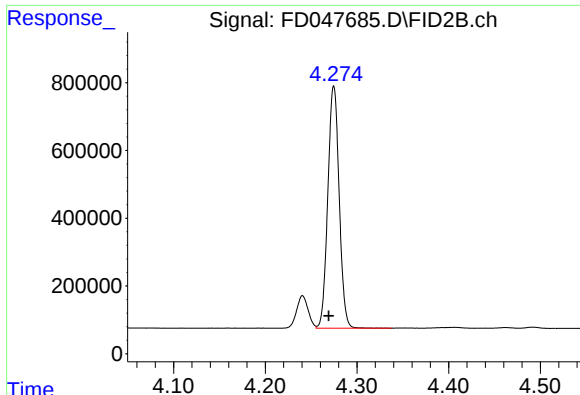
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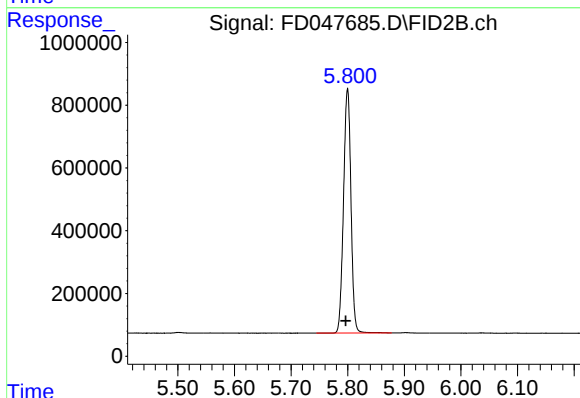
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.275 min
Delta R.T.: 0.006 min
Response: 6137796
Conc: 37.96 ug/ml

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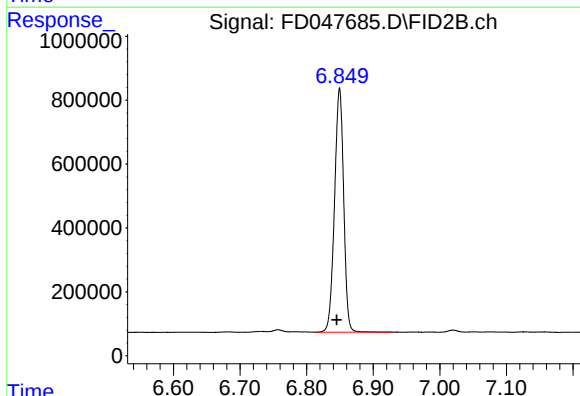
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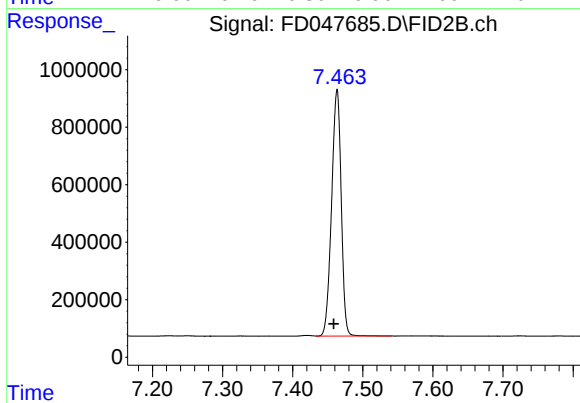
#2 Naphthalene (C11.7)

R.T.: 5.800 min
Delta R.T.: 0.003 min
Response: 7107659
Conc: 42.01 ug/ml



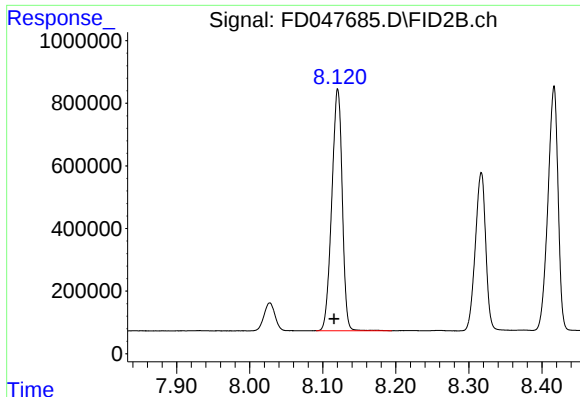
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.849 min
Delta R.T.: 0.004 min
Response: 7299475
Conc: 42.85 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.463 min
Delta R.T.: 0.005 min
Response: 8160441
Conc: 52.03 ug/ml



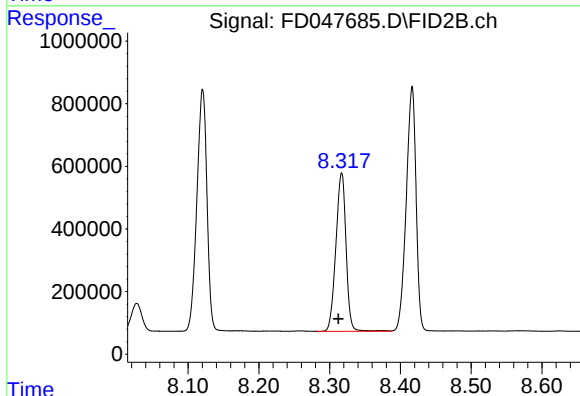
#5 Acenaphthylene (C15.06)

R.T.: 8.120 min
Delta R.T.: 0.005 min
Response: 7688112
Conc: 47.14 ug/ml

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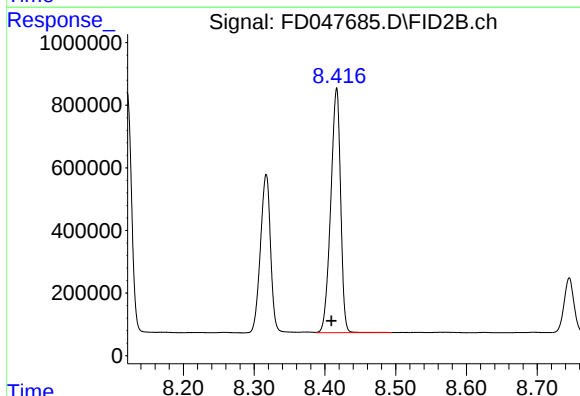
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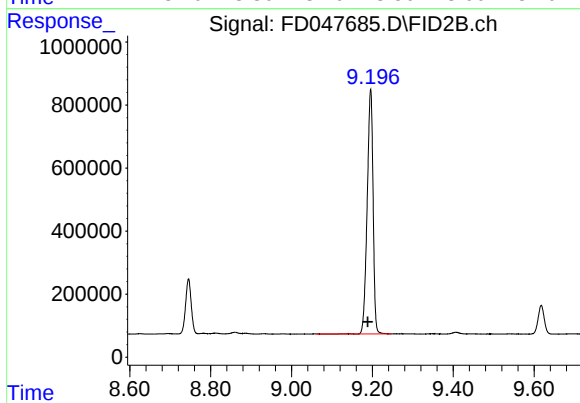
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.317 min
Delta R.T.: 0.004 min
Response: 5050106
Conc: 48.28 ug/ml



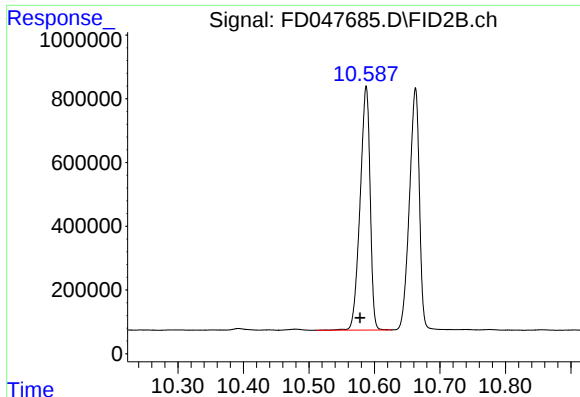
#7 Acenaphthene (C15.5)

R.T.: 8.416 min
Delta R.T.: 0.007 min
Response: 7551906
Conc: 44.93 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.195 min
Delta R.T.: 0.007 min
Response: 7815130
Conc: 46.98 ug/ml



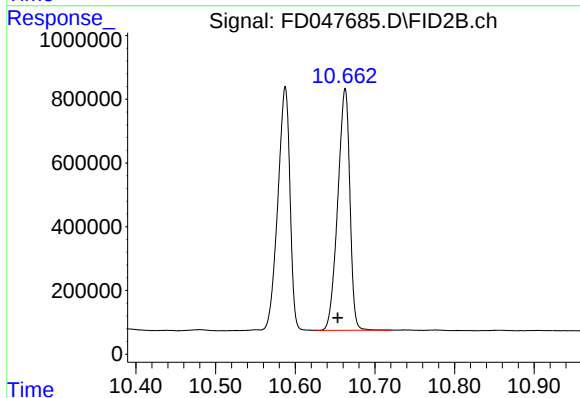
#9 Phenanthrene (C19.36)

R.T.: 10.587 min
Delta R.T.: 0.009 min
Response: 8114838
Conc: 49.57 ug/ml

Instrument :
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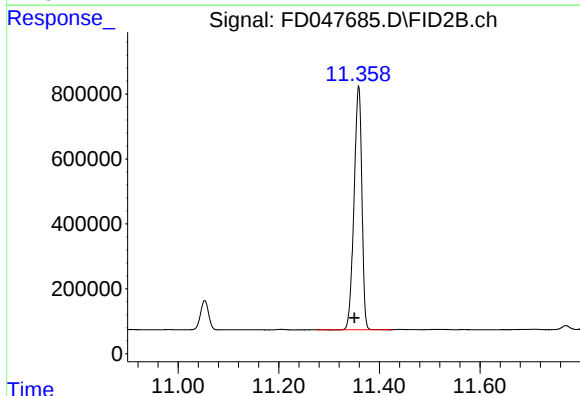
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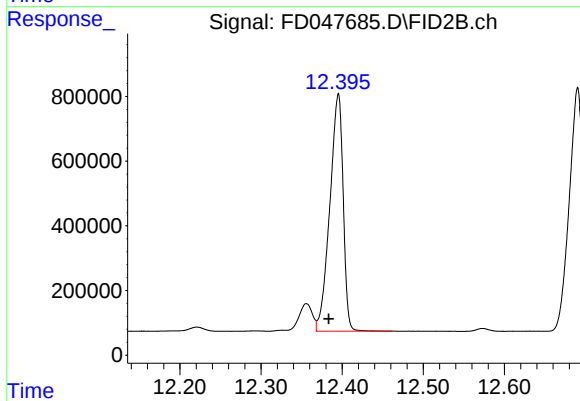
#10 Anthracene (C19.43)

R.T.: 10.662 min
Delta R.T.: 0.009 min
Response: 8013324
Conc: 53.50 ug/ml



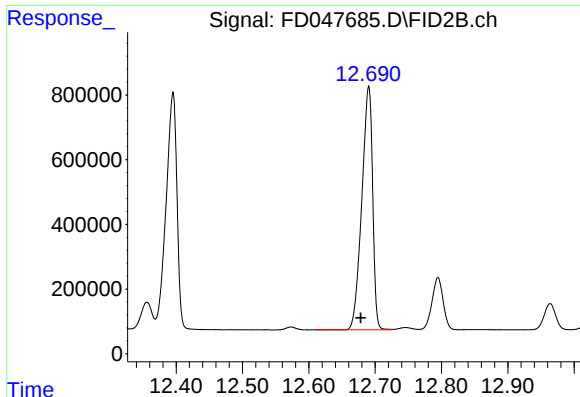
#11 ortho-Terphenyl (SURR)

R.T.: 11.358 min
Delta R.T.: 0.008 min
Response: 8101416
Conc: 43.20 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.395 min
Delta R.T.: 0.011 min
Response: 8393571
Conc: 50.58 ug/ml



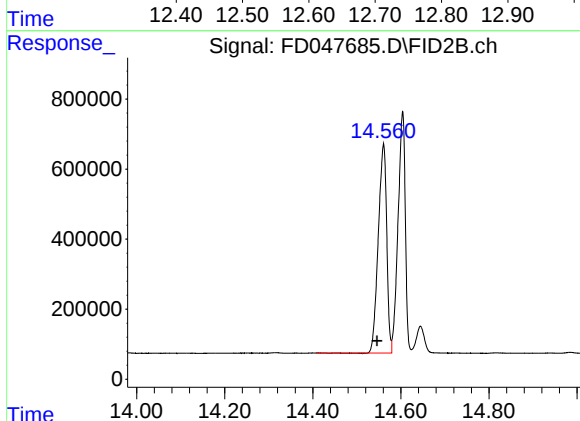
#13 Pyrene (C20.8)

R.T.: 12.690 min
Delta R.T.: 0.012 min
Response: 8538717
Conc: 52.48 ug/ml

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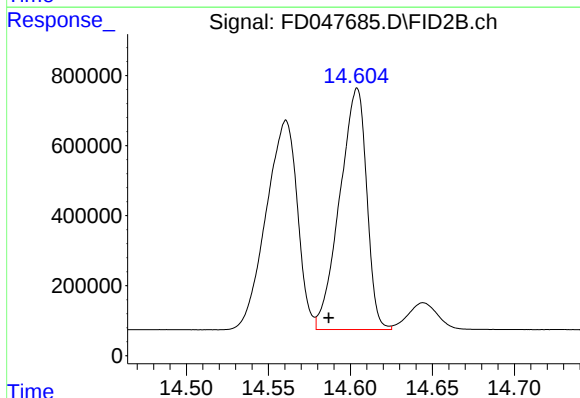
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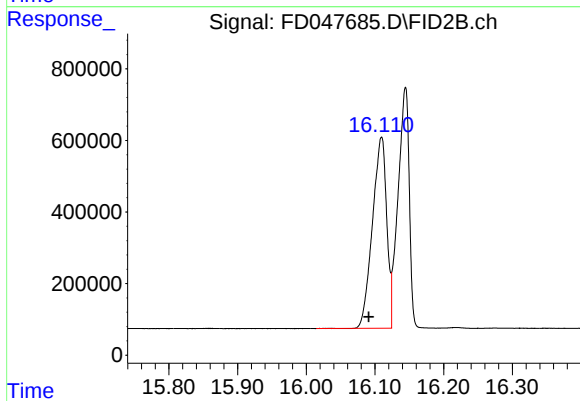
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.560 min
Delta R.T.: 0.014 min
Response: 7913373
Conc: 54.21 ug/ml



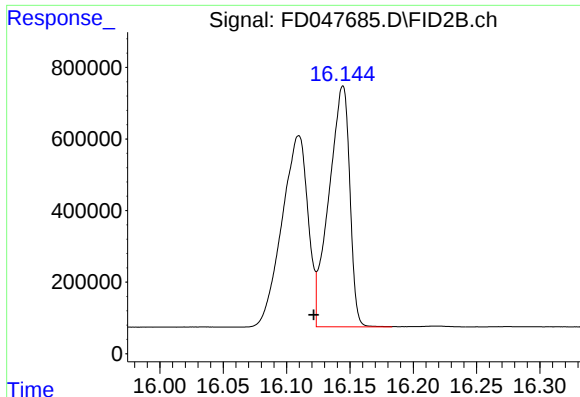
#15 Chrysene (C27.41)

R.T.: 14.604 min
Delta R.T.: 0.017 min
Response: 7883844
Conc: 50.03 ug/ml



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

R.T.: 16.109 min
Delta R.T.: 0.018 min
Response: 7718774
Conc: 51.68 ug/ml



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

R.T.: 16.144 min
Delta R.T.: 0.023 min
Response: 7658423
Conc: 50.87 ug/ml

Instrument :

FID_D

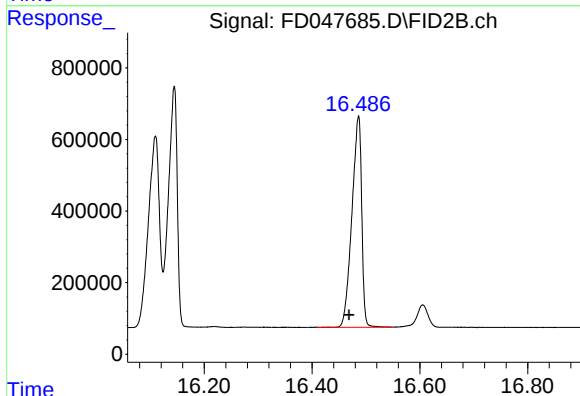
ClientSampleId :

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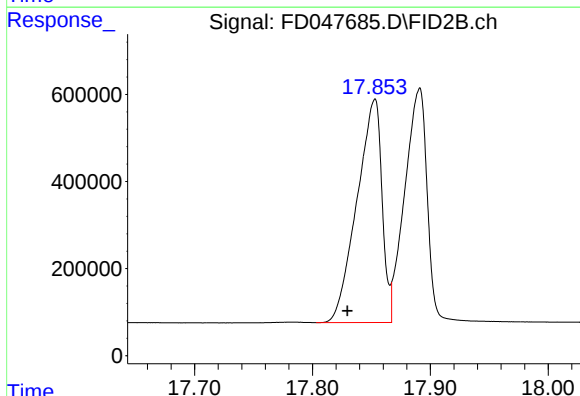
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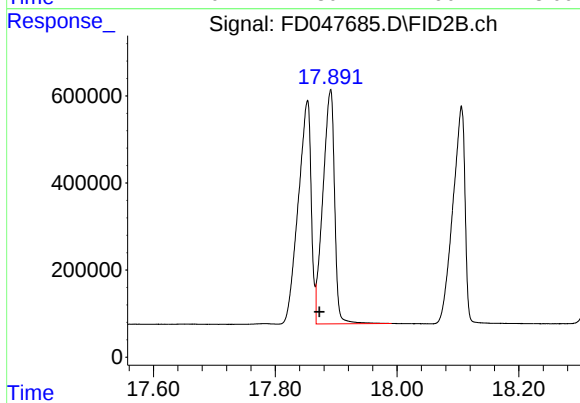
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.485 min
Delta R.T.: 0.016 min
Response: 7453221
Conc: 51.65 ug/ml



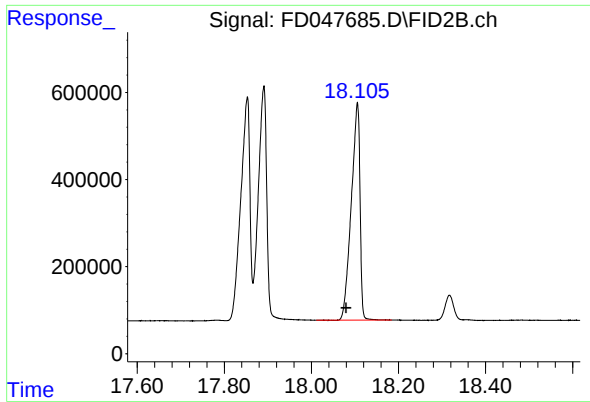
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.852 min
Delta R.T.: 0.022 min
Response: 7586735
Conc: 55.90 ug/ml



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

R.T.: 17.890 min
Delta R.T.: 0.018 min
Response: 7134075
Conc: 49.83 ug/ml



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

R.T.: 18.105 min
Delta R.T.: 0.025 min
Response: 6923043
Conc: 50.42 ug/ml

Instrument :

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