

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032124AR\
 Data File : FD047406.D
 Signal(s) : FID2B.ch
 Acq On : 21 Mar 2024 16:41
 Operator : YP/AJ
 Sample : PB159705BS
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB159705BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/22/2024
 Supervised By :Ankita Jodhani 03/22/2024

Integration File: autoint1.e
 Quant Time: Mar 22 03:25:26 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 030424.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 04 13:13:44 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...	7.455	8413871	50.943 ug/ml
Spiked Amount 50.000		Recovery =	101.89%
6) S 2-Fluorobiphenyl (SURR)	8.306	4379376	41.158 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	82.32%
11) S ortho-Terphenyl (SURR)	11.341	8397165	44.995 ug/ml
Spiked Amount 50.000		Recovery =	89.99%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.273	5590526	31.456 ug/ml
2) T Naphthalene (C11.7)	5.795	6539590	35.859 ug/mlm
3) T 2-Methylnaphthalene (...)	6.843	6927518	37.985 ug/ml
5) T Acenaphthylene (C15.06)	8.111	7597728	45.572 ug/ml
7) T Acenaphthene (C15.5)	8.405	7375878	41.865 ug/ml
8) T Flouorene (C16.55)	9.184	7892834	46.856 ug/ml
9) T Phenanthrene (C19.36)	10.571	8121376	50.147 ug/ml
10) T Anthracene (C19.43)	10.646	7961488	54.097 ug/ml
12) T Fluoranthene (C21.85)	12.373	8312514	52.141 ug/ml
13) T Pyrene (C20.8)	12.667	8389548	54.228 ug/ml
14) T Benzo[a]anthracene (C...	14.531	7725364	56.988 ug/ml
15) T Chrysene (C27.41)	14.574	7747918	52.194 ug/ml
16) T benzo[b]fluoranthene ...	16.072	7490226	53.356 ug/ml
17) T Bnezo[k]fluoranthene ...	16.107	7453723	52.635 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.447	7190403	52.052 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.807	7407436	59.268 ug/ml
20) T Dibenz[a,h]anthracene...	17.847	6994966	53.043 ug/ml
21) T Benzo[g,h,i]perylene ...	18.060	6806774	50.660 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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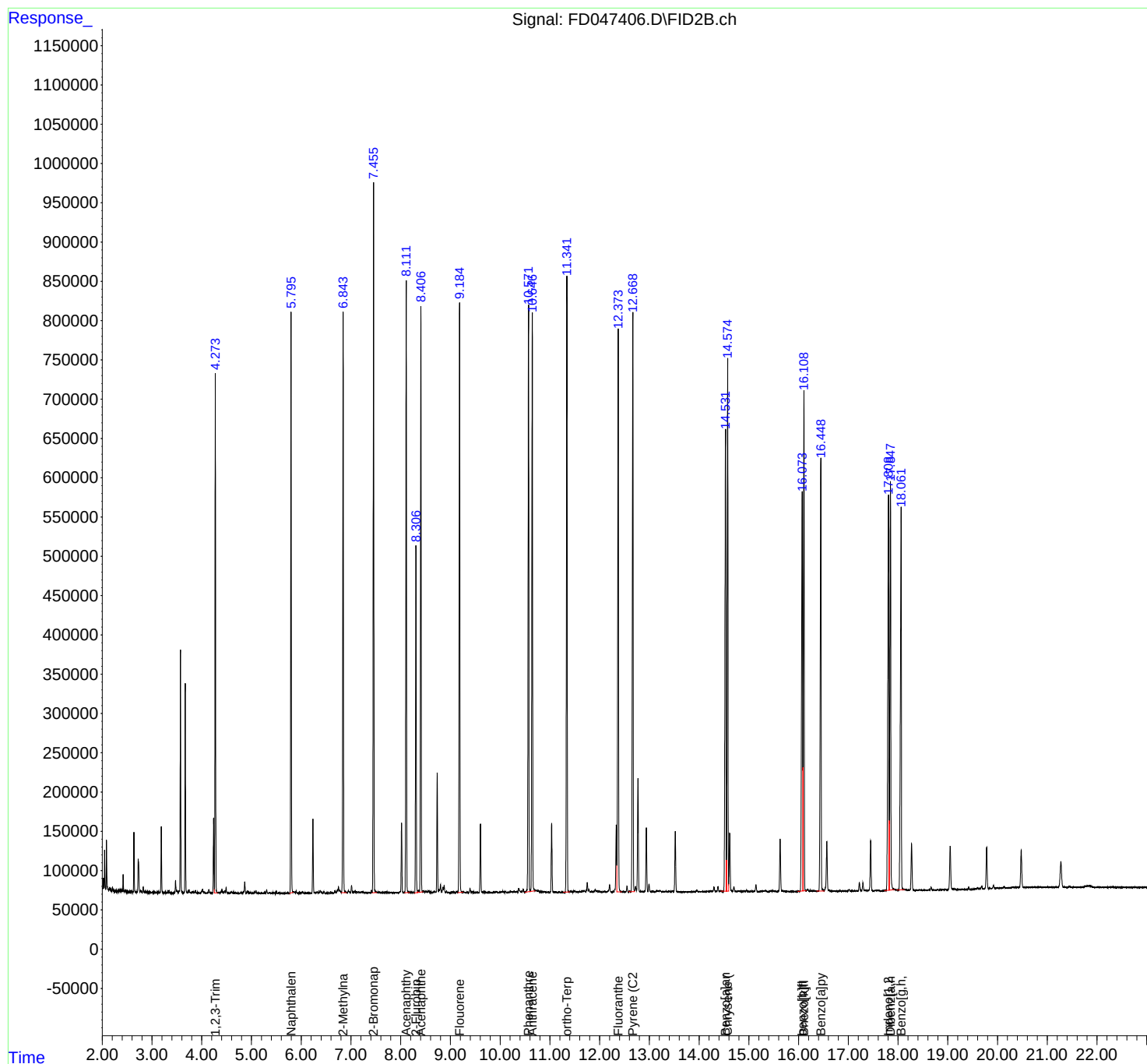
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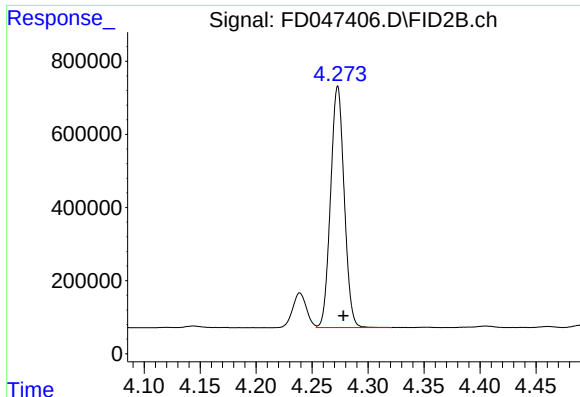
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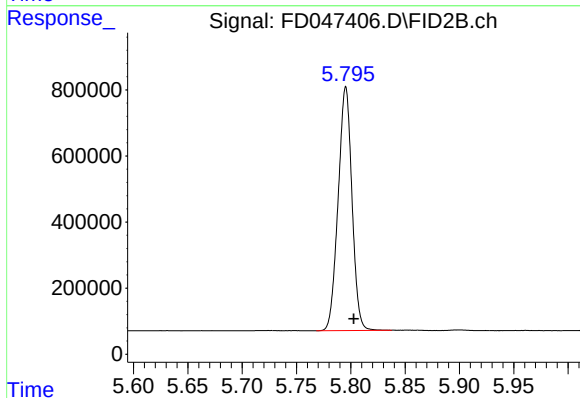
#1 1,2,3-Trimethylbenzene (C10.1)

R.T.: 4.273 min
Delta R.T.: -0.005 min
Response: 5590526
Conc: 31.46 ug/ml

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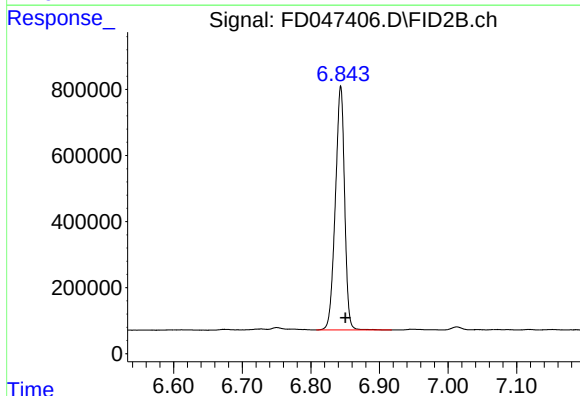
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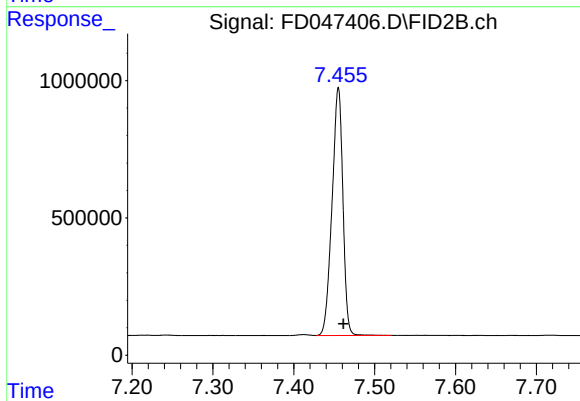
#2 Naphthalene (C11.7)

R.T.: 5.795 min
Delta R.T.: -0.008 min
Response: 6539590
Conc: 35.86 ug/ml m



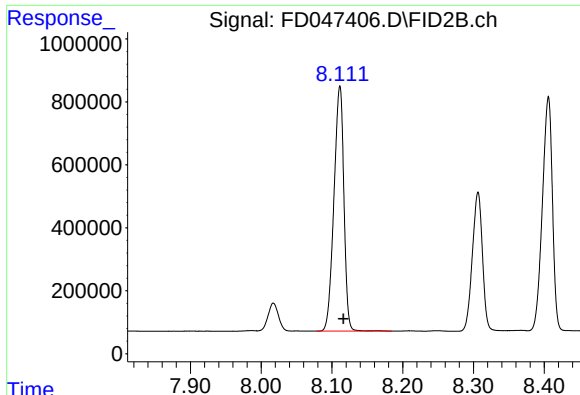
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.843 min
Delta R.T.: -0.007 min
Response: 6927518
Conc: 37.98 ug/ml



#4 2-Bromonaphthalene (SURR)

R.T.: 7.455 min
Delta R.T.: -0.006 min
Response: 8413871
Conc: 50.94 ug/ml



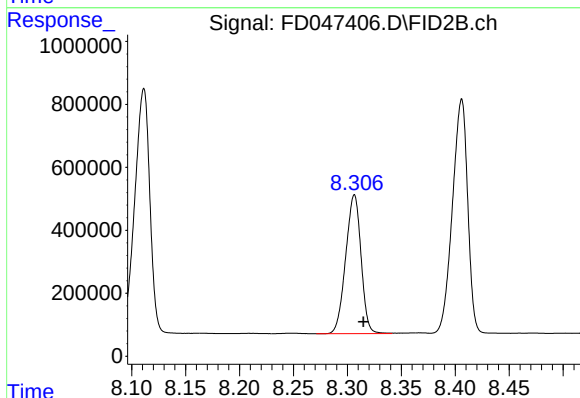
#5 Acenaphthylene (C15.06)

R.T.: 8.111 min
Delta R.T.: -0.005 min
Response: 7597728
Conc: 45.57 ug/ml

Instrument :
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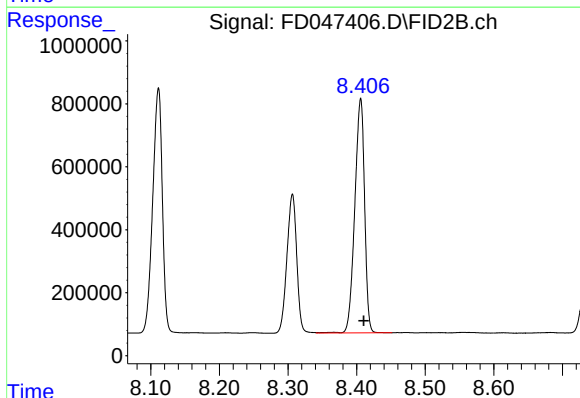
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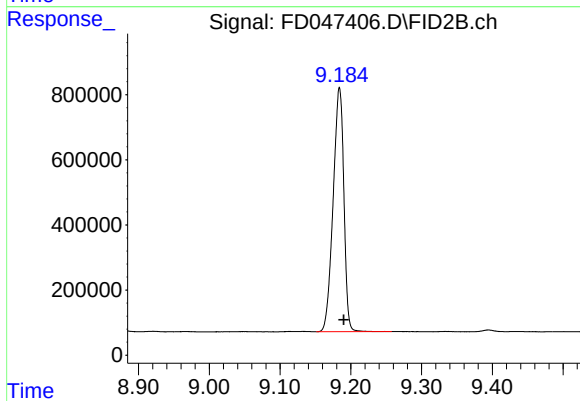
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.306 min
Delta R.T.: -0.008 min
Response: 4379376
Conc: 41.16 ug/ml



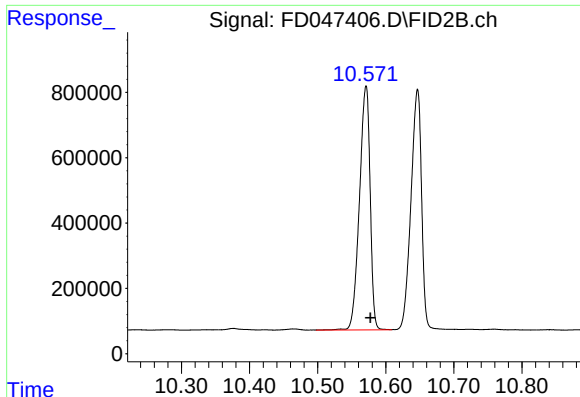
#7 Acenaphthene (C15.5)

R.T.: 8.405 min
Delta R.T.: -0.005 min
Response: 7375878
Conc: 41.87 ug/ml



#8 Flouorene (C16.55)

R.T.: 9.184 min
Delta R.T.: -0.006 min
Response: 7892834
Conc: 46.86 ug/ml



#9 Phenanthrene (C19.36)

R.T.: 10.571 min
Delta R.T.: -0.007 min
Response: 8121376
Conc: 50.15 ug/ml

Instrument :

FID_D

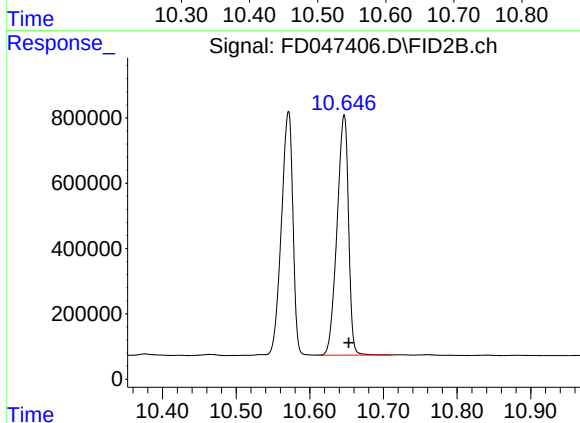
ClientSampleId :

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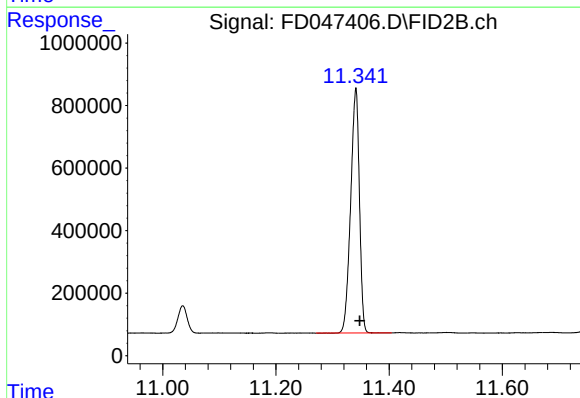
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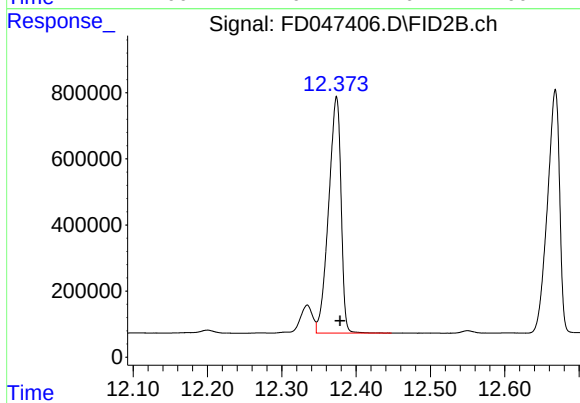
#10 Anthracene (C19.43)

R.T.: 10.646 min
Delta R.T.: -0.007 min
Response: 7961488
Conc: 54.10 ug/ml



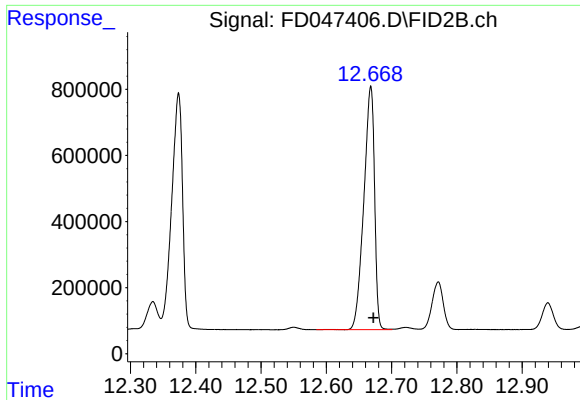
#11 ortho-Terphenyl (SURR)

R.T.: 11.341 min
Delta R.T.: -0.007 min
Response: 8397165
Conc: 45.00 ug/ml



#12 Fluoranthene (C21.85)

R.T.: 12.373 min
Delta R.T.: -0.005 min
Response: 8312514
Conc: 52.14 ug/ml



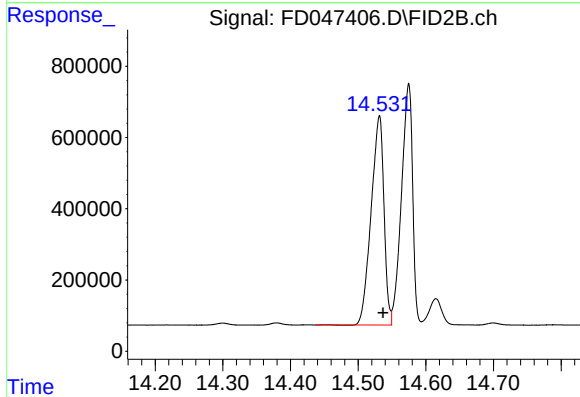
#13 Pyrene (C20.8)

R.T.: 12.667 min
Delta R.T.: -0.005 min
Response: 8389548
Conc: 54.23 ug/ml

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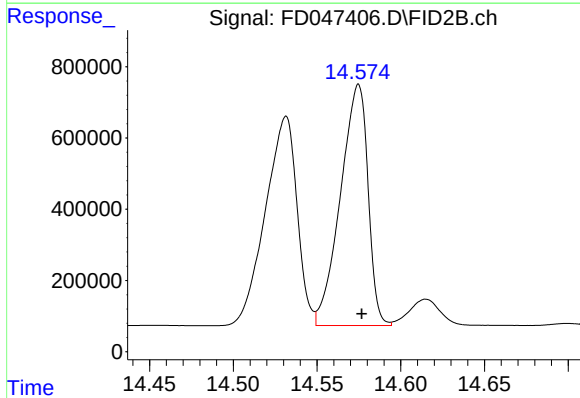
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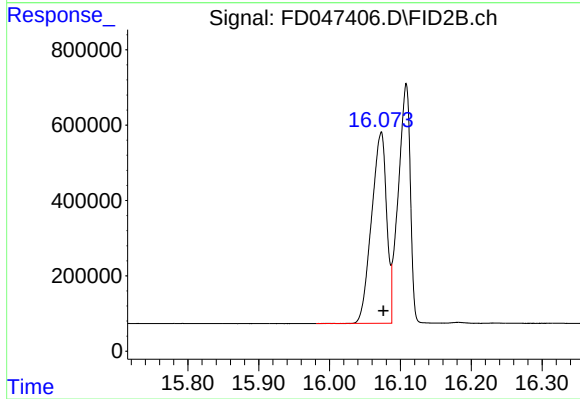
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.531 min
Delta R.T.: -0.006 min
Response: 7725364
Conc: 56.99 ug/ml



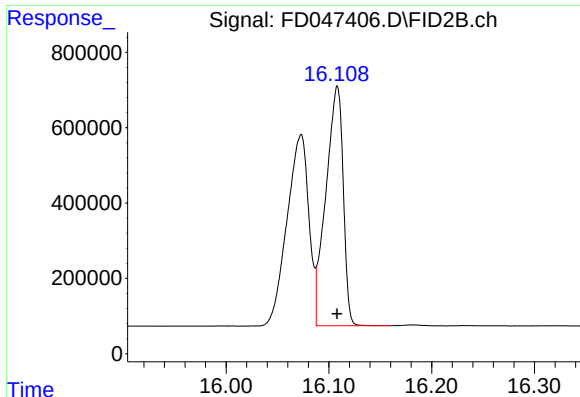
#15 Chrysene (C27.41)

R.T.: 14.574 min
Delta R.T.: -0.003 min
Response: 7747918
Conc: 52.19 ug/ml



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

R.T.: 16.072 min
Delta R.T.: -0.004 min
Response: 7490226
Conc: 53.36 ug/ml



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

R.T.: 16.107 min
Delta R.T.: 0.000 min
Response: 7453723
Conc: 52.63 ug/ml

Instrument :

FID_D

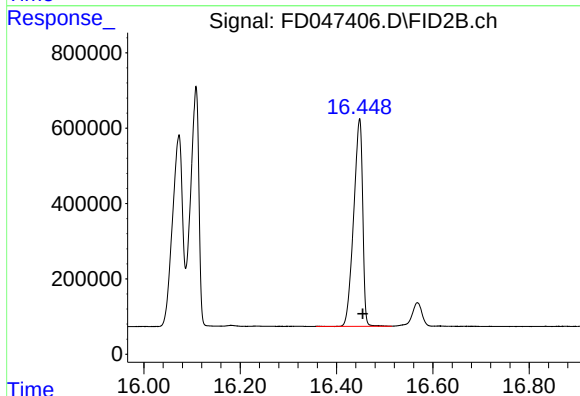
ClientSampleId :

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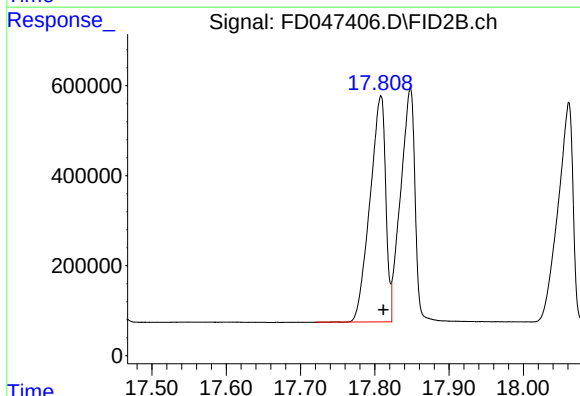
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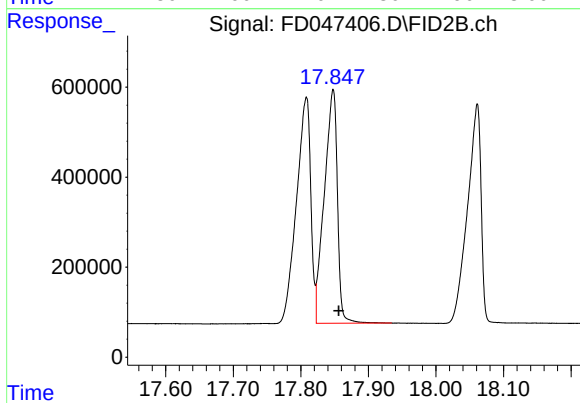
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.447 min
Delta R.T.: -0.007 min
Response: 7190403
Conc: 52.05 ug/ml



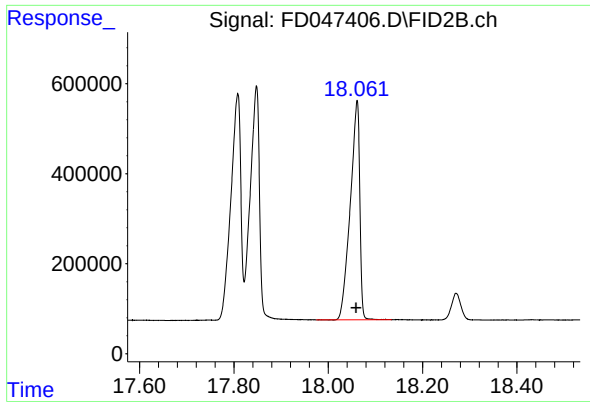
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.807 min
Delta R.T.: -0.004 min
Response: 7407436
Conc: 59.27 ug/ml



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

R.T.: 17.847 min
Delta R.T.: -0.009 min
Response: 6994966
Conc: 53.04 ug/ml



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

R.T.: 18.060 min
Delta R.T.: 0.001 min
Response: 6806774
Conc: 50.66 ug/ml

Instrument :

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