

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD060322\
 Data File : PD069961.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jun 2022 12:41
 Operator : AR\AJ
 Sample : PB145038BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB145038BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/03/2022
 Supervised By : Ankita Jodhani 06/03/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 03 04:04:58 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD052622.M
 Quant Title : GC Extractables
 QLast Update : Thu May 26 05:06:06 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.447	4.168	18765293	174.1E6	17.633	19.761
28)	SA Decachlor...	8.203	9.367	20974675	113.3E6	19.230	20.958
Target Compounds							
2)	A alpha-BHC	3.887	4.565	79259991	670.9E6	48.367	51.236
3)	MA gamma-BHC...	4.170	4.856	74158459	639.7E6	42.967	51.853
4)	MA Heptachlor	4.468	5.383	71975048	605.6E6	48.211	52.021
5)	MB Aldrin	4.715	5.696	72983539	601.2E6	50.360	52.117
6)	B beta-BHC	4.422	5.018	30715405	259.4E6	44.132	49.378m
7)	B delta-BHC	4.625	5.246	70286767	537.7E6	46.132	56.521
8)	B Heptachlo...	5.159	6.084	65453430	499.9E6	49.014	63.524 #
9)	A Endosulfan I	5.498	6.447	59946125	460.4E6	47.842	50.478
10)	B gamma-Chl...	5.385	6.321	66310364	510.4E6	49.005	51.503
11)	B alpha-Chl...	5.444	6.396	65393643	497.2E6	49.119	51.159
12)	B 4,4'-DDE	5.609	6.546	60999110	471.0E6	48.146	52.054
13)	MA Dieldrin	5.741	6.705	66538114	504.5E6	50.549	53.477
14)	MA Endrin	6.000	6.926	58907634	406.7E6	51.017	60.265
15)	B Endosulfa...	6.274	7.131	57561383	403.8E6	51.748	54.359
16)	A 4,4'-DDD	6.127	7.037	52588748	381.5E6	48.603	51.516
17)	MA 4,4'-DDT	6.367	7.341	50183981	370.7E6	50.636	50.660
18)	B Endrin al...	6.443	7.255	48234714	333.7E6	56.139	58.126
19)	B Endosulfa...	6.656	7.481	56594228	373.4E6	49.096	50.648
20)	A Methoxychlor	6.918	7.795	29492455	190.2E6	51.987	53.356
21)	B Endrin ke...	7.148	7.956	65785251	397.0E6	49.367	49.868
22)	Mirex	7.331	8.422	48031945	265.4E6	47.768	49.689

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

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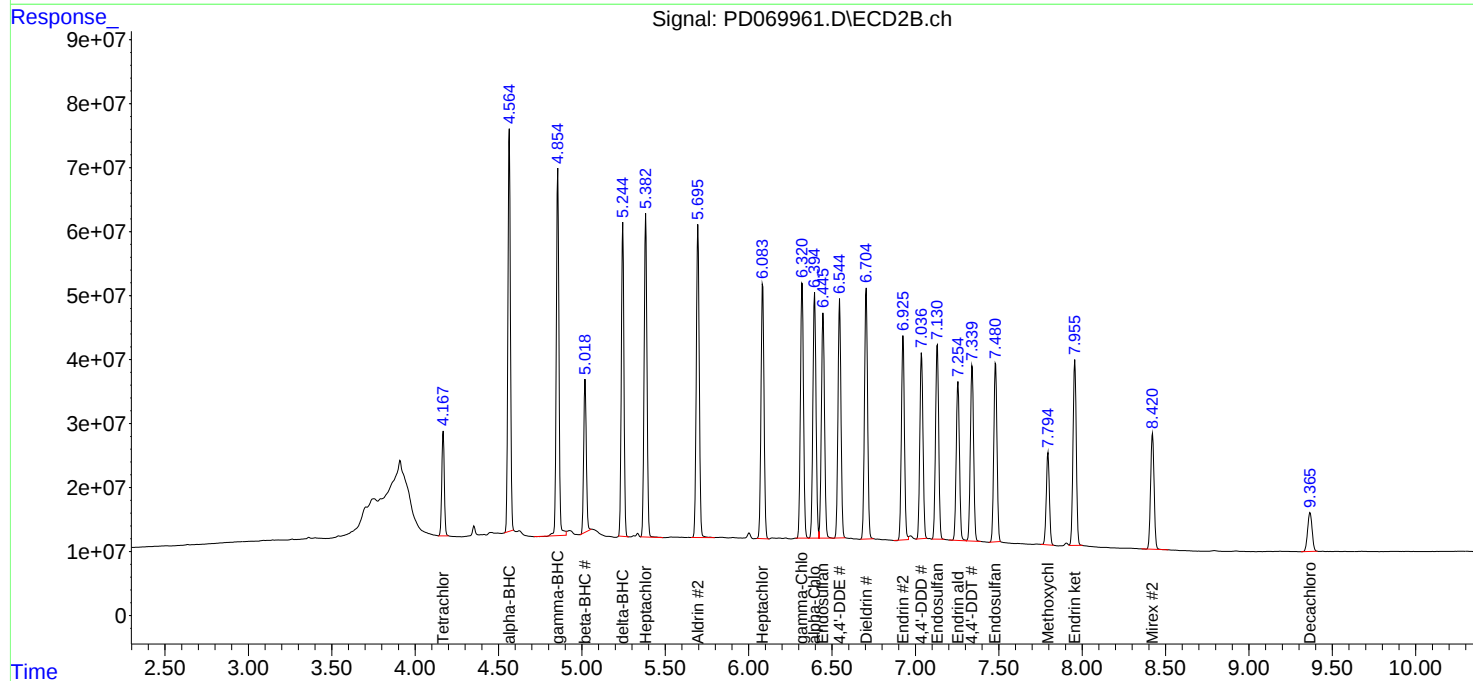
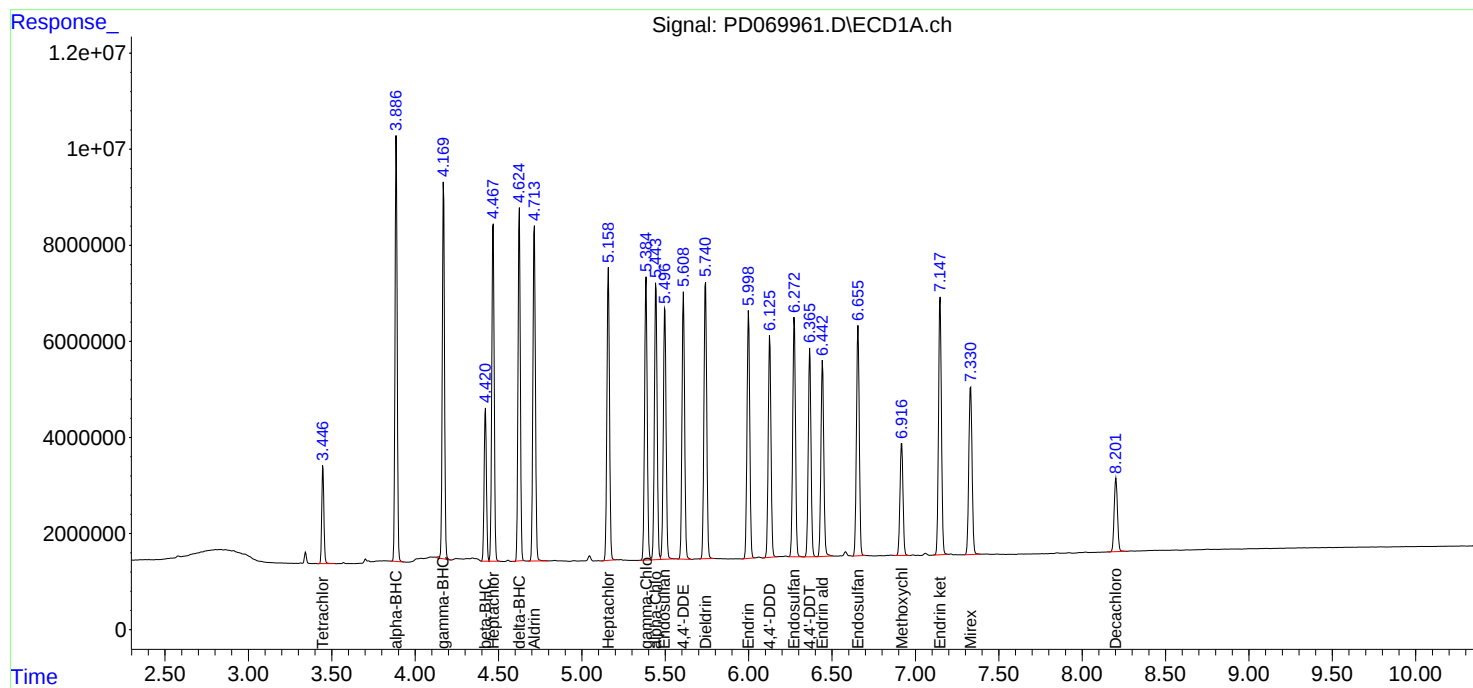
Manual Integrations

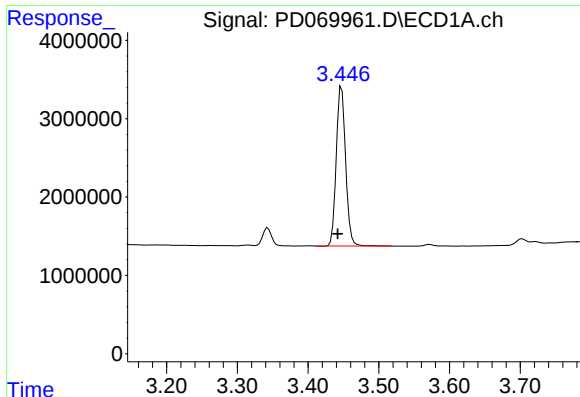
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Reviewed By :Abdul Mirza 06/03/2022
 Supervised By :Ankita Jodhani 06/03/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 03 04:04:58 2022
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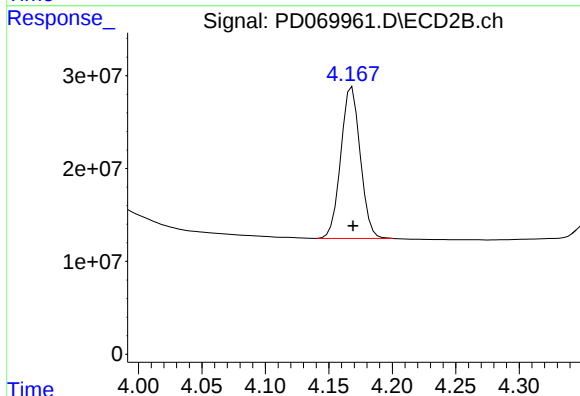
#1 Tetrachloro-m-xylene

R.T.: 3.447 min
Delta R.T.: 0.005 min
Response: 18765293
Conc: 17.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB145038BS

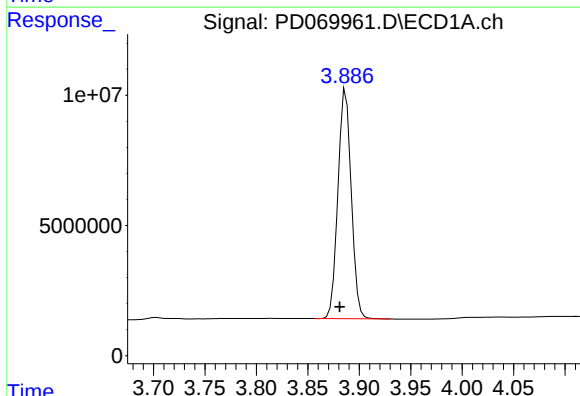
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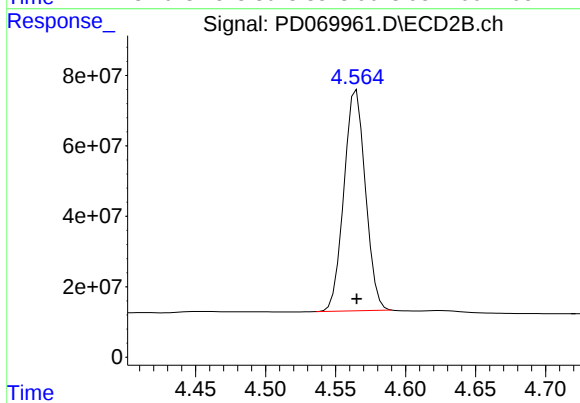
#1 Tetrachloro-m-xylene

R.T.: 4.168 min
Delta R.T.: 0.000 min
Response: 174124487
Conc: 19.76 ng/ml



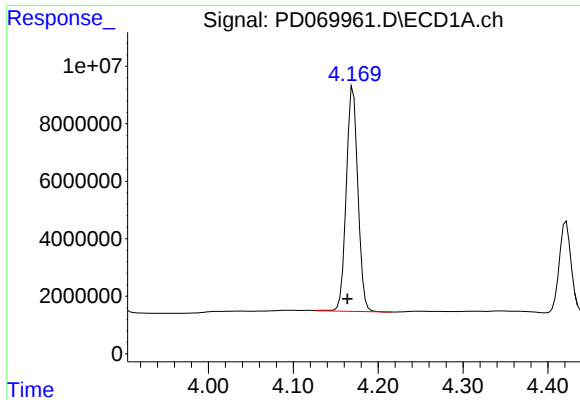
#2 alpha-BHC

R.T.: 3.887 min
Delta R.T.: 0.006 min
Response: 79259991
Conc: 48.37 ng/ml



#2 alpha-BHC

R.T.: 4.565 min
Delta R.T.: 0.000 min
Response: 670938112
Conc: 51.24 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.170 min
Delta R.T.: 0.007 min
Response: 74158459
Conc: 42.97 ng/ml

Instrument :

ECD_D

ClientSampleId :

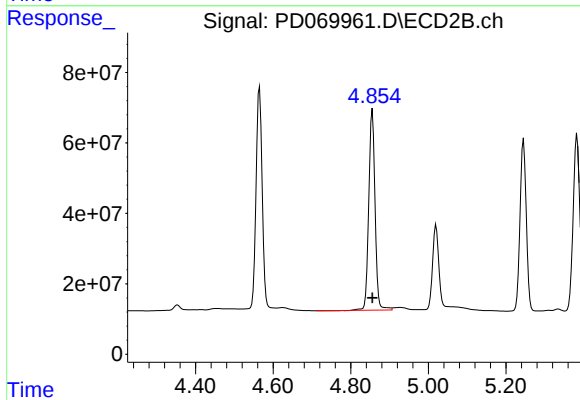
PB145038BS

Manual Integrations

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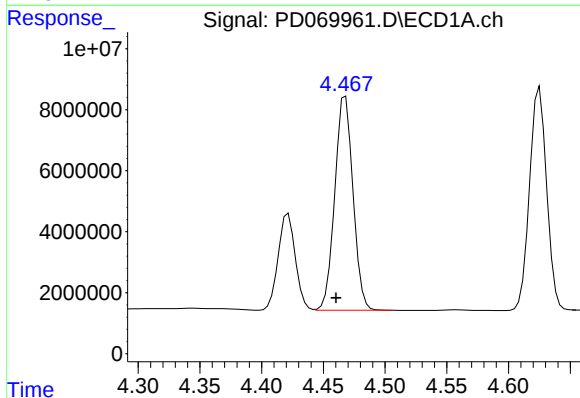
Reviewed By :Abdul Mirza 06/03/2022

Supervised By :Ankita Jodhani 06/03/2022



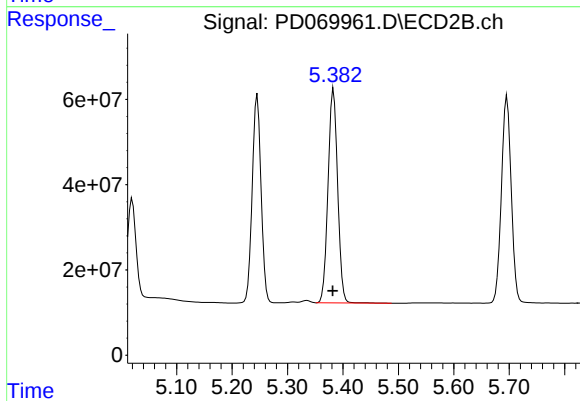
#3 gamma-BHC (Lindane)

R.T.: 4.856 min
Delta R.T.: 0.000 min
Response: 639653990
Conc: 51.85 ng/ml



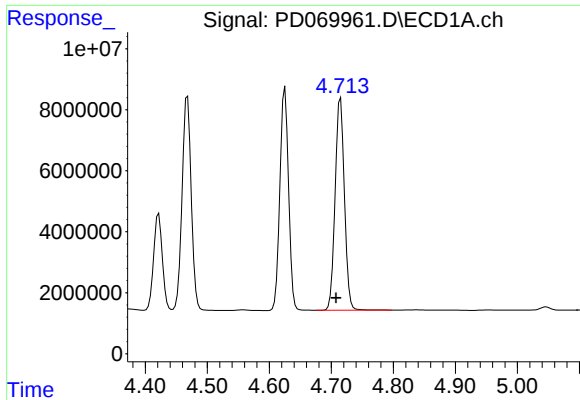
#4 Heptachlor

R.T.: 4.468 min
Delta R.T.: 0.008 min
Response: 71975048
Conc: 48.21 ng/ml



#4 Heptachlor

R.T.: 5.383 min
Delta R.T.: 0.001 min
Response: 605612709
Conc: 52.02 ng/ml



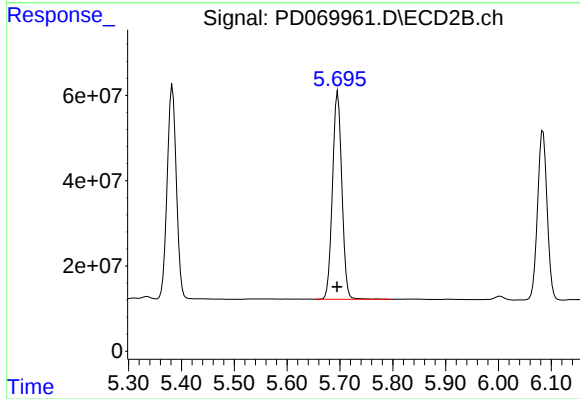
#5 Aldrin

R.T.: 4.715 min
Delta R.T.: 0.007 min
Response: 72983539
Conc: 50.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB145038BS

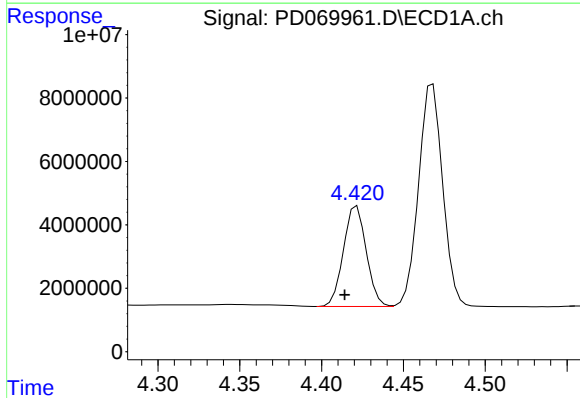
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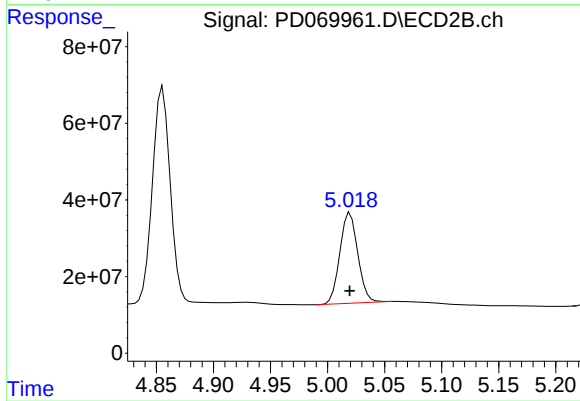
#5 Aldrin

R.T.: 5.696 min
Delta R.T.: 0.000 min
Response: 601220506
Conc: 52.12 ng/ml



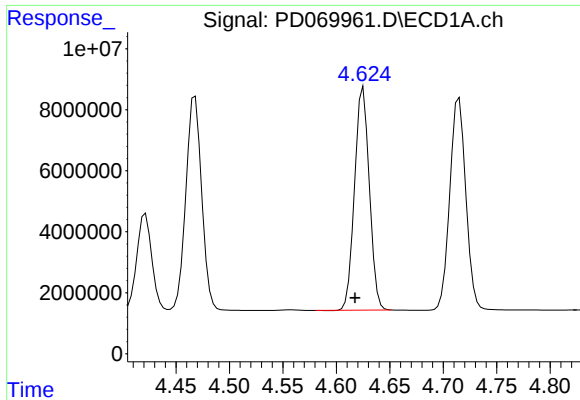
#6 beta-BHC

R.T.: 4.422 min
Delta R.T.: 0.007 min
Response: 30715405
Conc: 44.13 ng/ml



#6 beta-BHC

R.T.: 5.018 min
Delta R.T.: 0.000 min
Response: 259379758
Conc: 49.38 ng/ml m



#7 delta-BHC

R.T.: 4.625 min
Delta R.T.: 0.008 min
Response: 70286767
Conc: 46.13 ng/ml

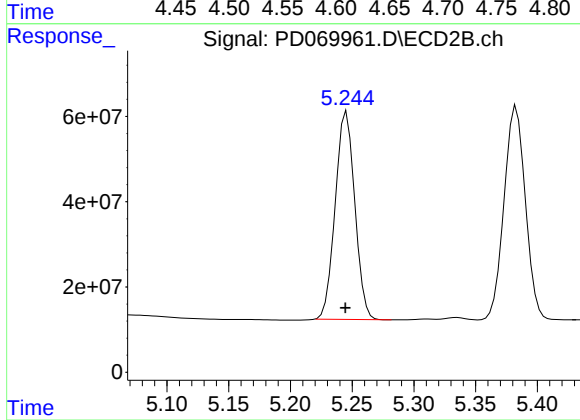
Instrument :

ECD_D

ClientSampleId :
PB145038BS

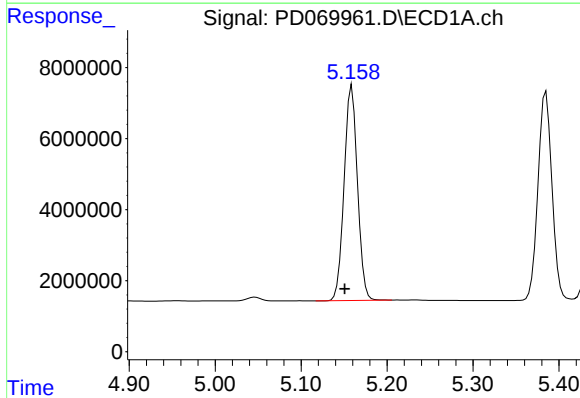
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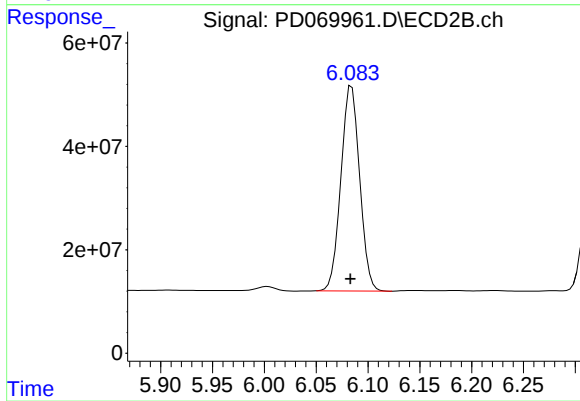
#7 delta-BHC

R.T.: 5.246 min
Delta R.T.: 0.000 min
Response: 537699901
Conc: 56.52 ng/ml



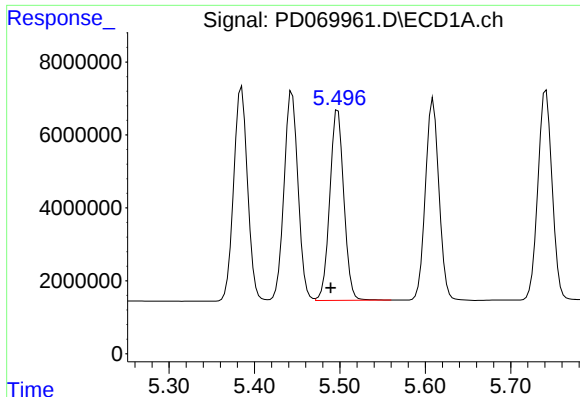
#8 Heptachlor epoxide

R.T.: 5.159 min
Delta R.T.: 0.008 min
Response: 65453430
Conc: 49.01 ng/ml



#8 Heptachlor epoxide

R.T.: 6.084 min
Delta R.T.: 0.001 min
Response: 499866671
Conc: 63.52 ng/ml



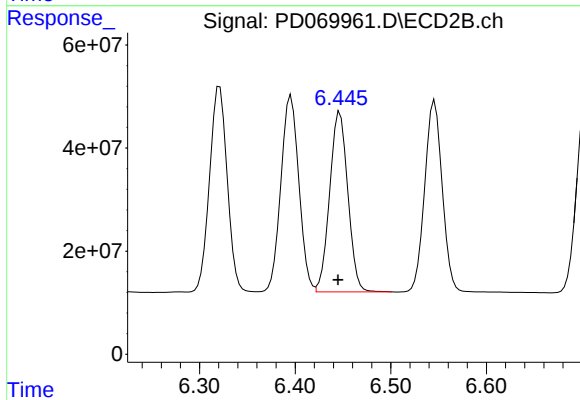
#9 Endosulfan I

R.T.: 5.498 min
Delta R.T.: 0.008 min
Response: 59946125
Conc: 47.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB145038BS

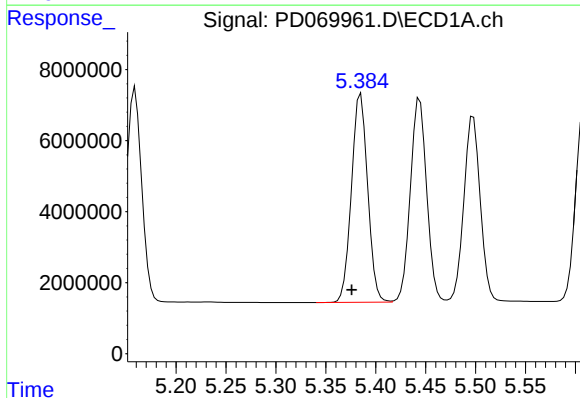
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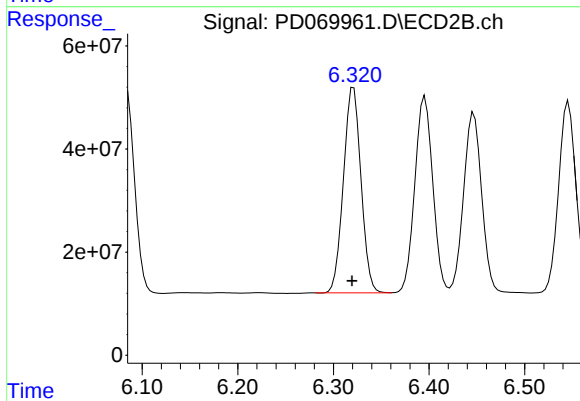
#9 Endosulfan I

R.T.: 6.447 min
Delta R.T.: 0.002 min
Response: 460379428
Conc: 50.48 ng/ml



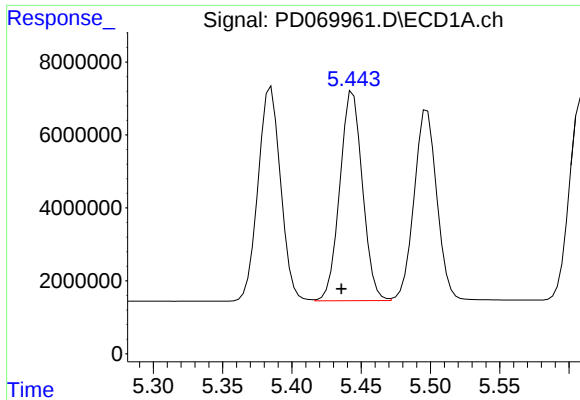
#10 gamma-Chlordane

R.T.: 5.385 min
Delta R.T.: 0.009 min
Response: 66310364
Conc: 49.00 ng/ml



#10 gamma-Chlordane

R.T.: 6.321 min
Delta R.T.: 0.002 min
Response: 510402865
Conc: 51.50 ng/ml



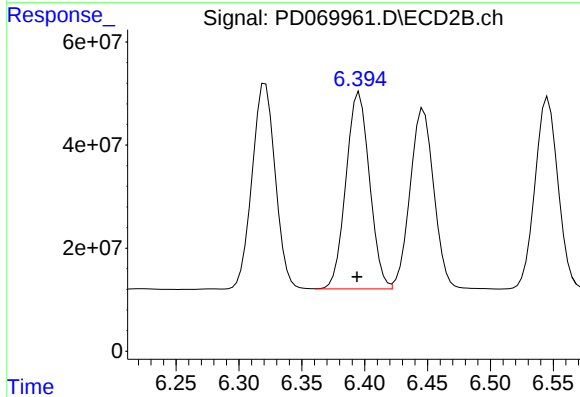
#11 alpha-Chlordane

R.T.: 5.444 min
Delta R.T.: 0.008 min
Response: 65393643
Conc: 49.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB145038BS

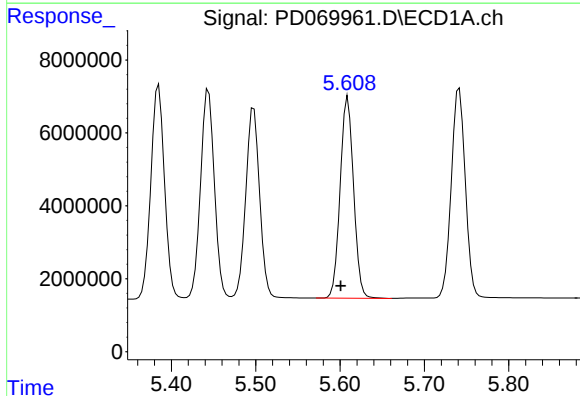
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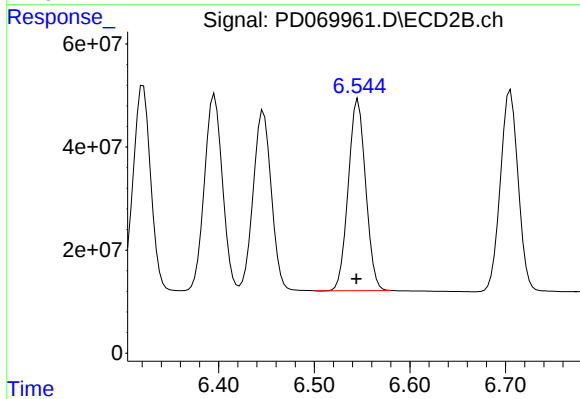
#11 alpha-Chlordane

R.T.: 6.396 min
Delta R.T.: 0.002 min
Response: 497203705
Conc: 51.16 ng/ml



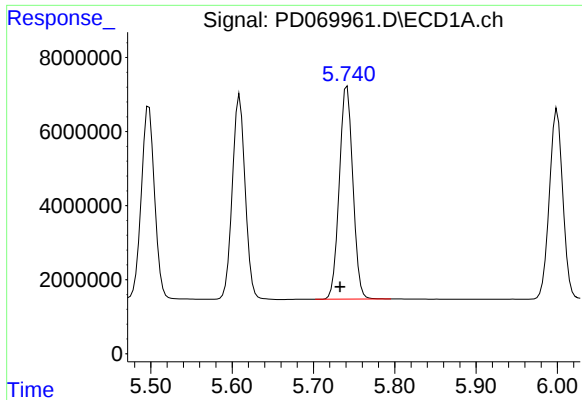
#12 4,4'-DDE

R.T.: 5.609 min
Delta R.T.: 0.009 min
Response: 60999110
Conc: 48.15 ng/ml



#12 4,4'-DDE

R.T.: 6.546 min
Delta R.T.: 0.002 min
Response: 470975694
Conc: 52.05 ng/ml



#13 Dieldrin

R.T.: 5.741 min
Delta R.T.: 0.009 min
Response: 66538114
Conc: 50.55 ng/ml

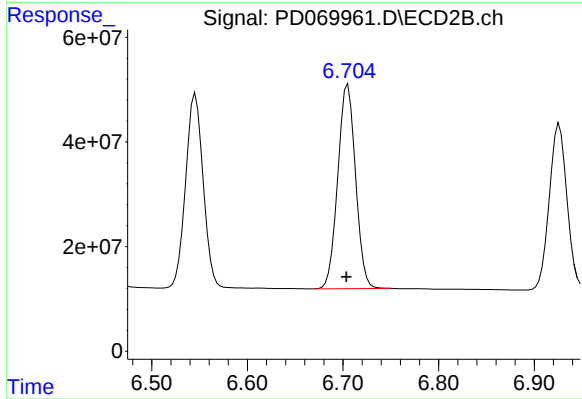
Instrument :

ECD_D

ClientSampleId :
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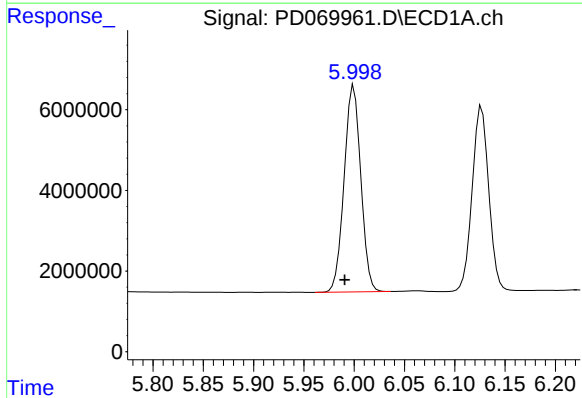
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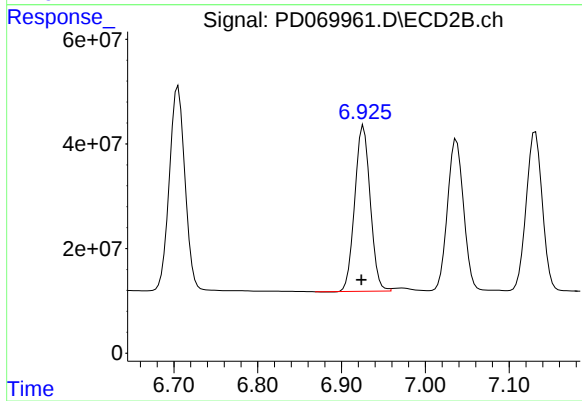
#13 Dieldrin

R.T.: 6.705 min
Delta R.T.: 0.001 min
Response: 504518363
Conc: 53.48 ng/ml



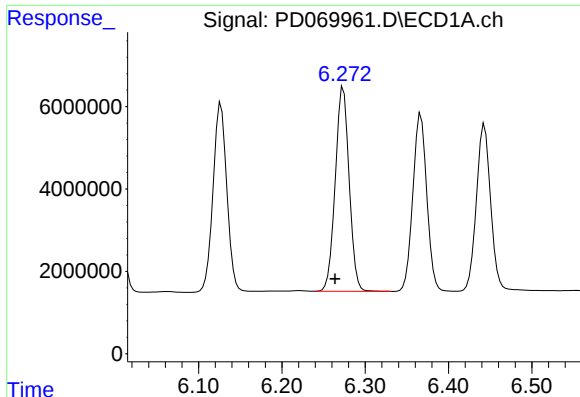
#14 Endrin

R.T.: 6.000 min
Delta R.T.: 0.009 min
Response: 58907634
Conc: 51.02 ng/ml



#14 Endrin

R.T.: 6.926 min
Delta R.T.: 0.003 min
Response: 406742182
Conc: 60.27 ng/ml



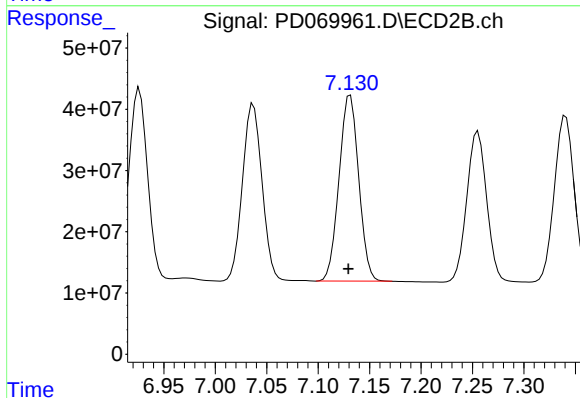
#15 Endosulfan II

R.T.: 6.274 min
Delta R.T.: 0.010 min
Response: 57561383
Conc: 51.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
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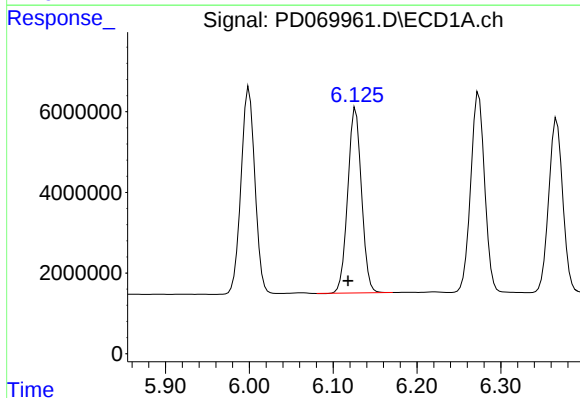
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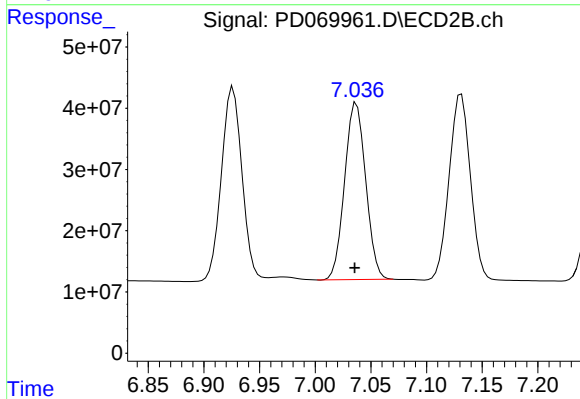
#15 Endosulfan II

R.T.: 7.131 min
Delta R.T.: 0.002 min
Response: 403771891
Conc: 54.36 ng/ml



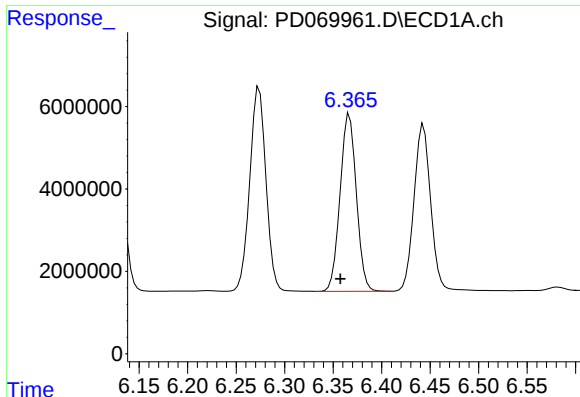
#16 4,4'-DDD

R.T.: 6.127 min
Delta R.T.: 0.009 min
Response: 52588748
Conc: 48.60 ng/ml



#16 4,4'-DDD

R.T.: 7.037 min
Delta R.T.: 0.001 min
Response: 381492731
Conc: 51.52 ng/ml



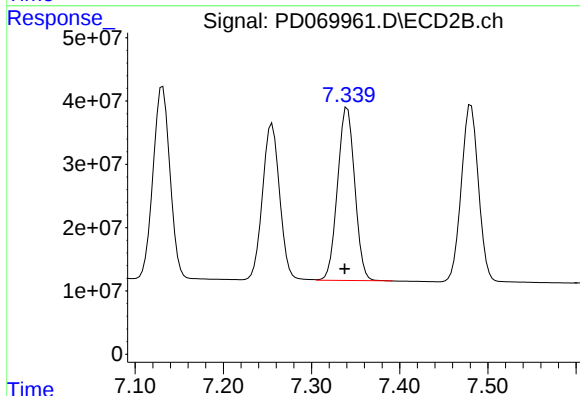
#17 4,4'-DDT

R.T.: 6.367 min
Delta R.T.: 0.010 min
Response: 50183981
Conc: 50.64 ng/ml

Instrument :
ECD_D
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PB145038BS

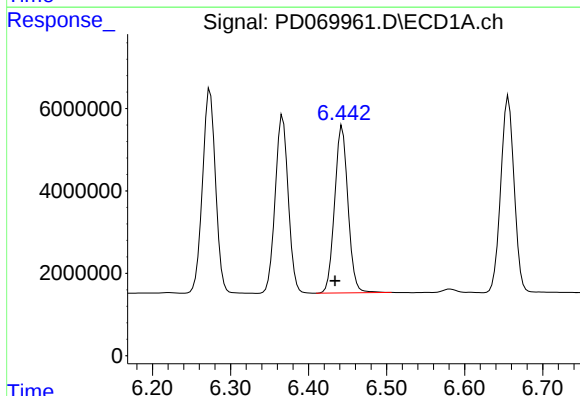
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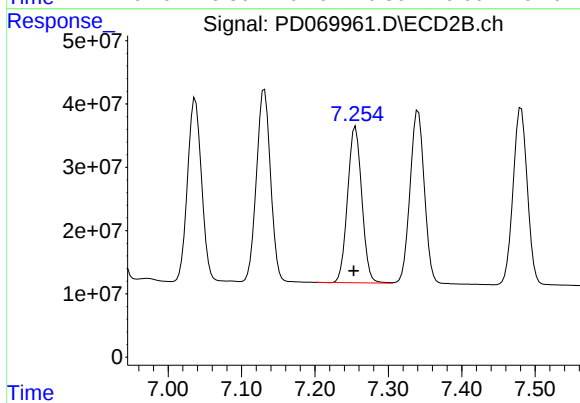
#17 4,4'-DDT

R.T.: 7.341 min
Delta R.T.: 0.003 min
Response: 370733045
Conc: 50.66 ng/ml



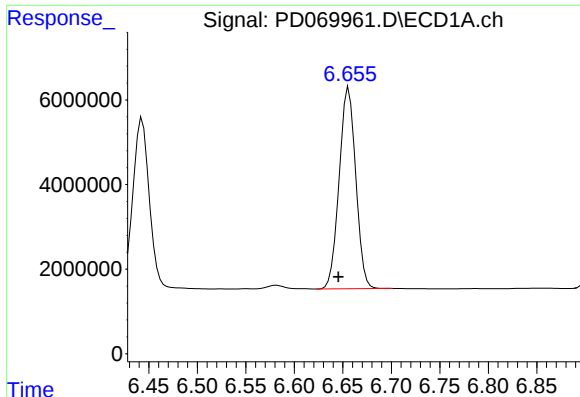
#18 Endrin aldehyde

R.T.: 6.443 min
Delta R.T.: 0.009 min
Response: 48234714
Conc: 56.14 ng/ml



#18 Endrin aldehyde

R.T.: 7.255 min
Delta R.T.: 0.002 min
Response: 333749110
Conc: 58.13 ng/ml



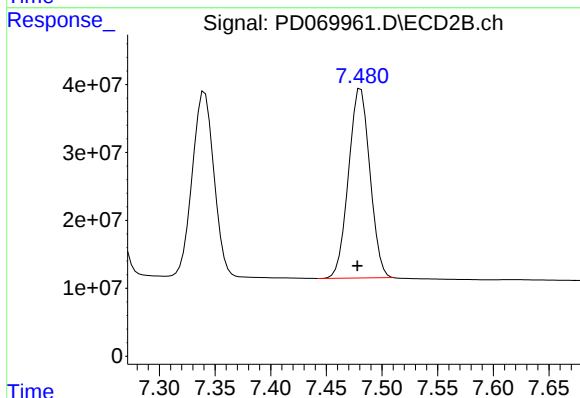
#19 Endosulfan Sulfate

R.T.: 6.656 min
Delta R.T.: 0.011 min
Response: 56594228
Conc: 49.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB145038BS

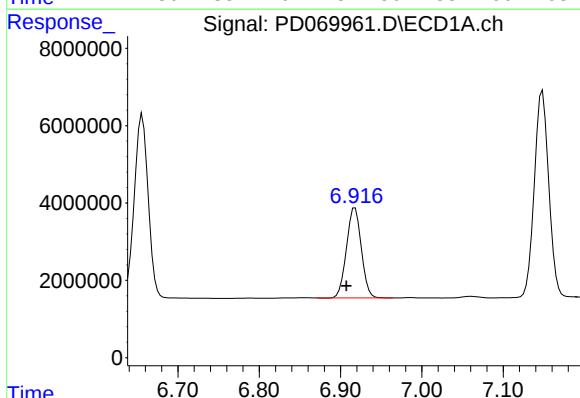
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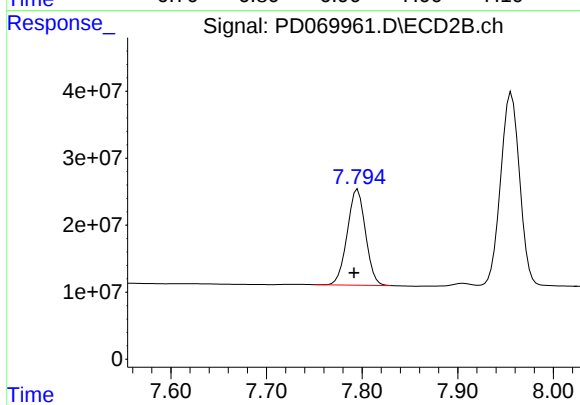
#19 Endosulfan Sulfate

R.T.: 7.481 min
Delta R.T.: 0.003 min
Response: 373429854
Conc: 50.65 ng/ml



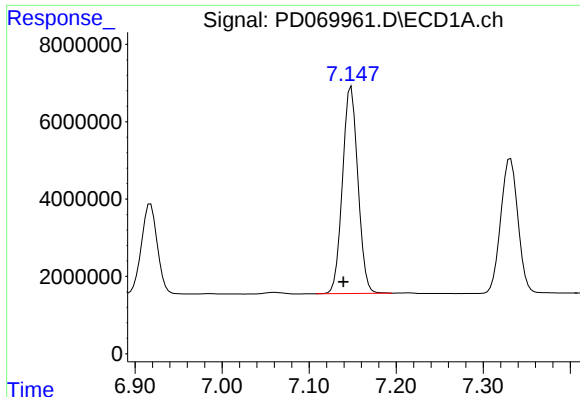
#20 Methoxychlor

R.T.: 6.918 min
Delta R.T.: 0.010 min
Response: 29492455
Conc: 51.99 ng/ml



#20 Methoxychlor

R.T.: 7.795 min
Delta R.T.: 0.004 min
Response: 190248838
Conc: 53.36 ng/ml



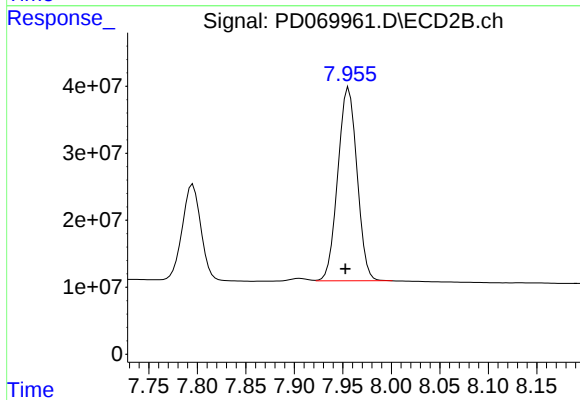
#21 Endrin ketone

R.T.: 7.148 min
Delta R.T.: 0.009 min
Response: 65785251
Conc: 49.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB145038BS

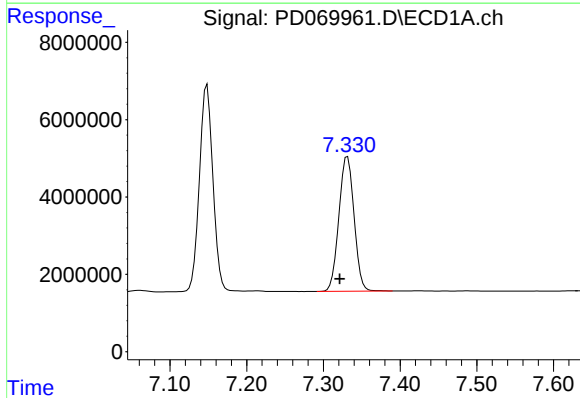
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/03/2022
Supervised By :Ankita Jodhani 06/03/2022



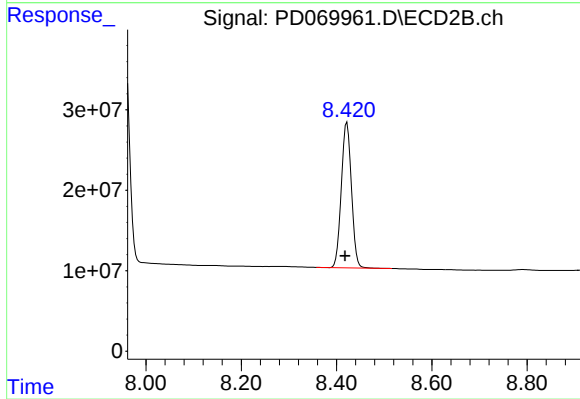
#21 Endrin ketone

R.T.: 7.956 min
Delta R.T.: 0.003 min
Response: 397008051
Conc: 49.87 ng/ml



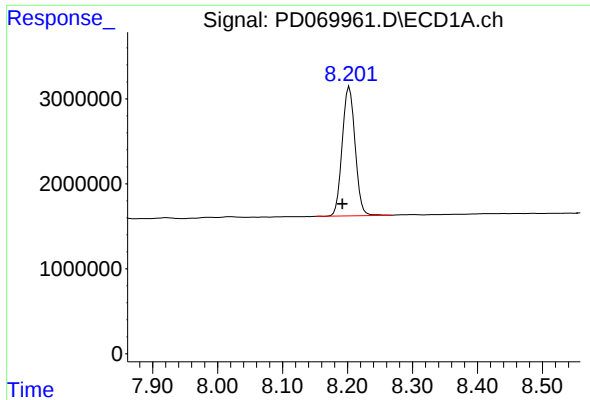
#22 Mirex

R.T.: 7.331 min
Delta R.T.: 0.010 min
Response: 48031945
Conc: 47.77 ng/ml



#22 Mirex

R.T.: 8.422 min
Delta R.T.: 0.004 min
Response: 265447084
Conc: 49.69 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.203 min
Delta R.T.: 0.011 min
Response: 20974675
Conc: 19.23 ng/ml

Instrument :

ECD_D

ClientSampleId :

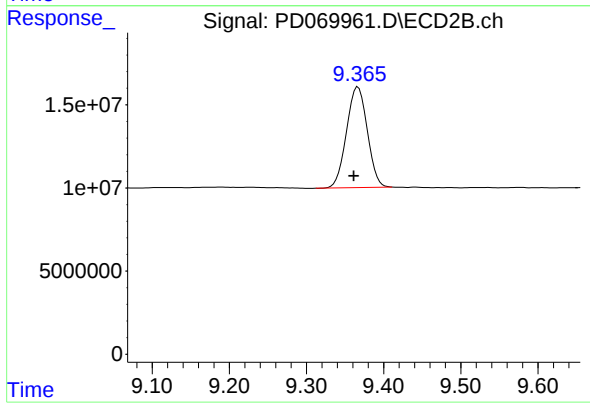
PB145038BS

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#28 Decachlorobiphenyl

R.T.: 9.367 min
Delta R.T.: 0.005 min
Response: 113341924
Conc: 20.96 ng/ml