

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD030722\
 Data File : PD068363.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Mar 2022 16:13
 Operator : AR\AJ
 Sample : PB143132BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB143132BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/09/2022
 Supervised By : Ankita Jodhani 03/09/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 08 00:47:19 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD030122.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 01 06:48:49 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...	3.457	4.178	22060279	182.0E6	18.819	18.961
28)	SA Decachlor...	8.224	9.380	26276418	122.6E6	22.580	20.673
Target Compounds							
2)	A alpha-BHC	3.898	4.574	86201186	635.1E6	50.236	46.288
3)	MA gamma-BHC...	4.182	4.866	80715237	576.5E6	50.686	46.494
4)	MA Heptachlor	4.481	5.393	76069438	536.0E6	50.389	47.323
5)	MB Aldrin	4.730	5.707	81819028	565.6E6	52.241	47.833
6)	B beta-BHC	4.431	5.028	33408655	256.7E6	47.614m	47.493
7)	B delta-BHC	4.637	5.254	81115749	571.0E6	50.274	45.906
8)	B Heptachlo...	5.175	6.095	74455972	495.2E6	51.071	46.203
9)	A Endosulfan I	5.514	6.458	70072812	450.0E6	51.382	46.631
10)	B gamma-Chl...	5.401	6.332	76418098	493.4E6	51.333	46.664
11)	B alpha-Chl...	5.460	6.407	75342450	482.5E6	51.274	46.812
12)	B 4,4'-DDE	5.627	6.556	71618475	457.4E6	52.506	46.790
13)	MA Dieldrin	5.758	6.717	77564688	488.9E6	52.748	47.444
14)	MA Endrin	6.015	6.938	68556907	380.4E6	55.497m	49.459
15)	B Endosulfa...	6.290	7.142	68687592	395.5E6	53.986	48.135
16)	A 4,4'-DDD	6.144	7.048	62985033	369.1E6	53.110	46.903
17)	MA 4,4'-DDT	6.385	7.352	58748398	333.3E6	53.273	47.101
18)	B Endrin al...	6.460	7.267	54106212	319.6E6	59.035	53.113
19)	B Endosulfa...	6.674	7.492	66294971	369.9E6	52.606	47.543
20)	A Methoxychlor	6.936	7.805	33121511	167.3E6	51.043	48.148
21)	B Endrin ke...	7.166	7.968	77084408	395.5E6	52.358	47.116
22)	Mirex	7.351	8.433	65391774	303.6E6	51.591	47.473

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD030722\
Data File : PD068363.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Mar 2022 16:13
Operator : AR\AJ
Sample : PB143132BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

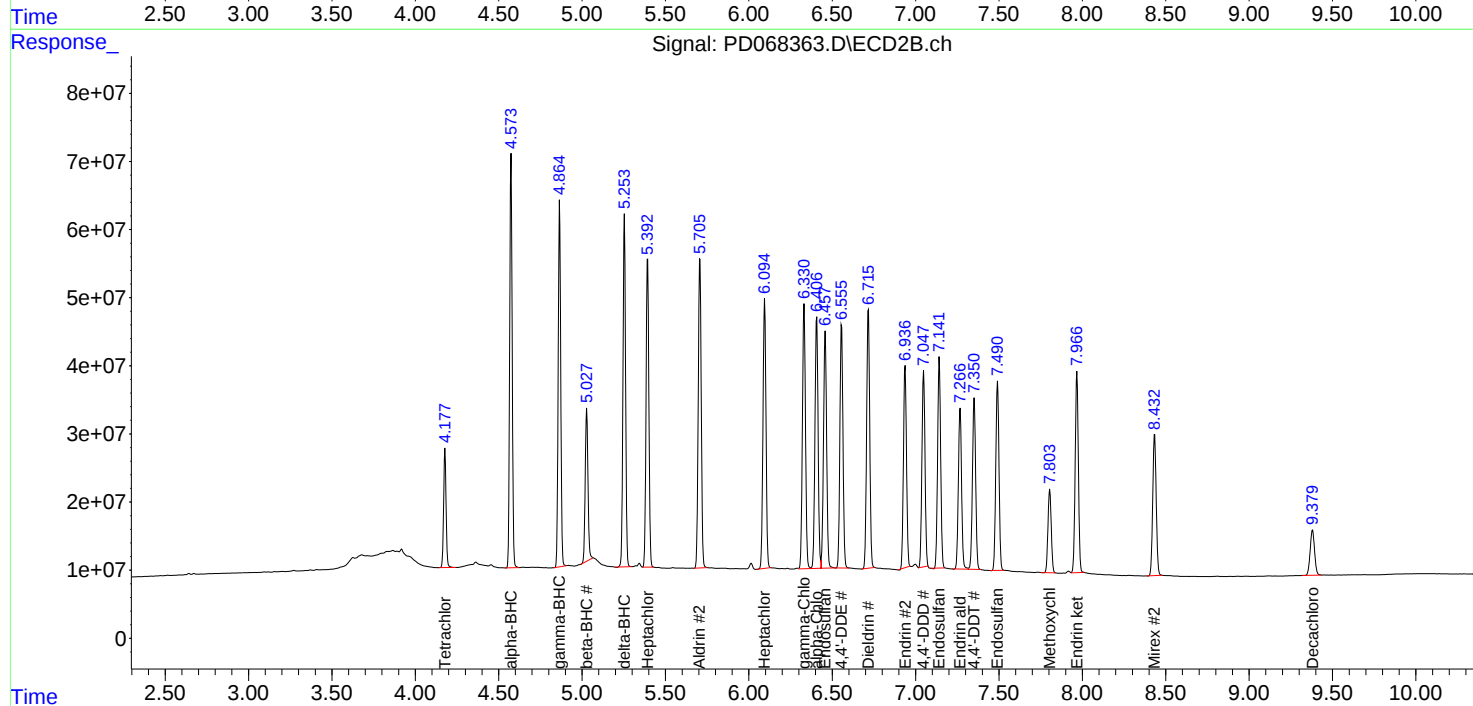
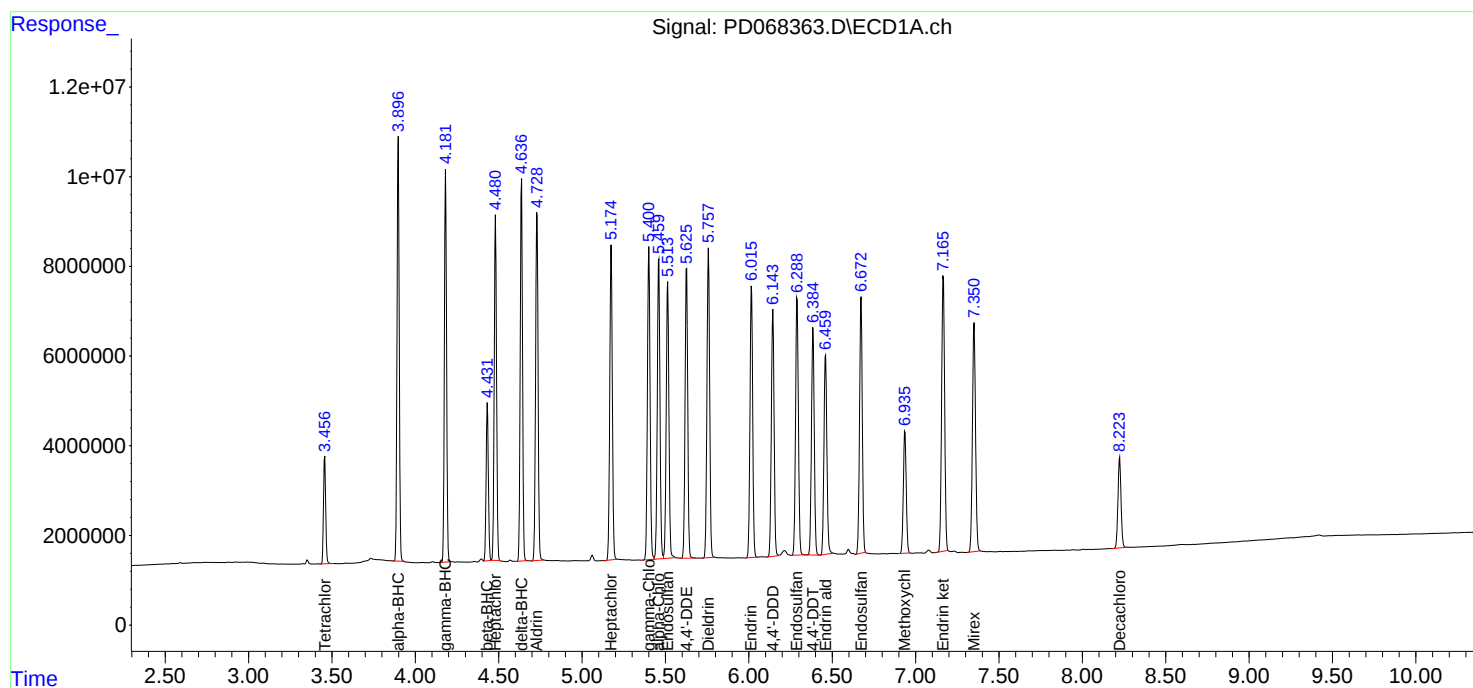
Instrument :
ECD_D
ClientSampleId :
PB143132BS

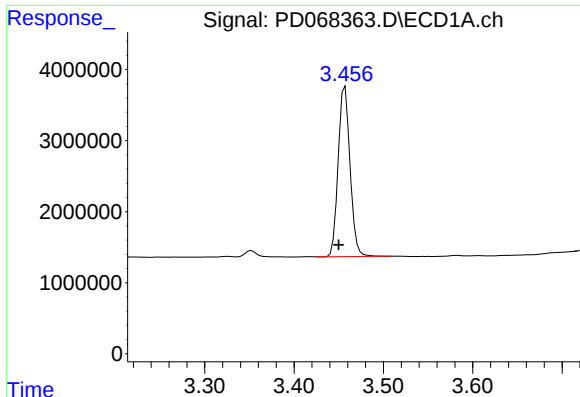
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 08 00:47:19 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD030122.M
Quant Title : GC Extractables
QLast Update : Tue Mar 01 06:48:49 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 x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





#1 Tetrachloro-m-xylene

R.T.: 3.457 min
Delta R.T.: 0.007 min
Response: 22060279
Conc: 18.82 ng/ml

Instrument :

ECD_D

ClientSampleId :

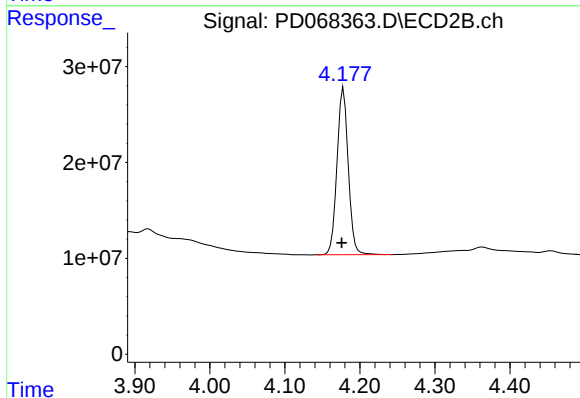
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Manual Integrations

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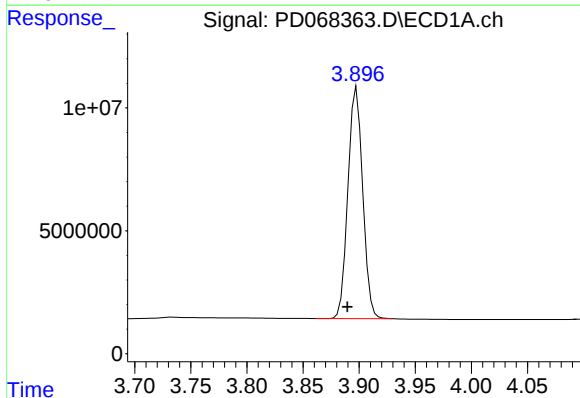
Reviewed By :Abdul Mirza 03/09/2022

Supervised By :Ankita Jodhani 03/09/2022



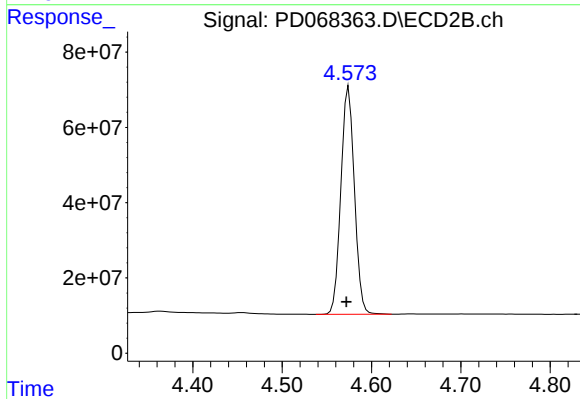
#1 Tetrachloro-m-xylene

R.T.: 4.178 min
Delta R.T.: 0.002 min
Response: 181990542
Conc: 18.96 ng/ml



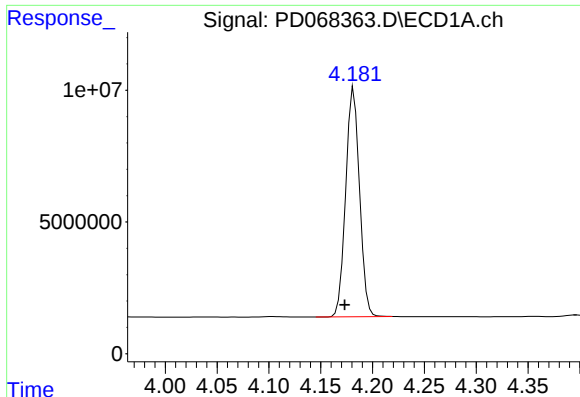
#2 alpha-BHC

R.T.: 3.898 min
Delta R.T.: 0.008 min
Response: 86201186
Conc: 50.24 ng/ml



#2 alpha-BHC

R.T.: 4.574 min
Delta R.T.: 0.002 min
Response: 635136377
Conc: 46.29 ng/ml



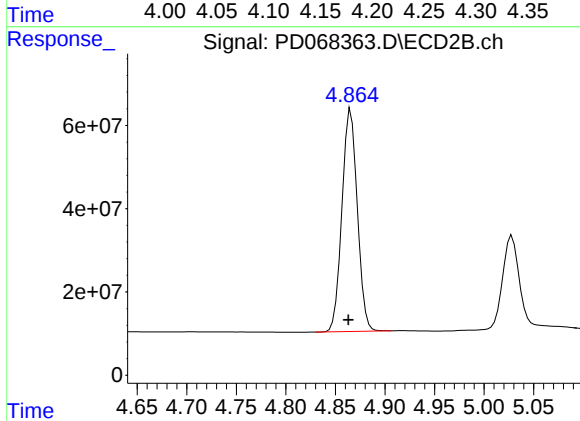
#3 gamma-BHC (Lindane)

R.T.: 4.182 min
Delta R.T.: 0.009 min
Response: 80715237
Conc: 50.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143132BS

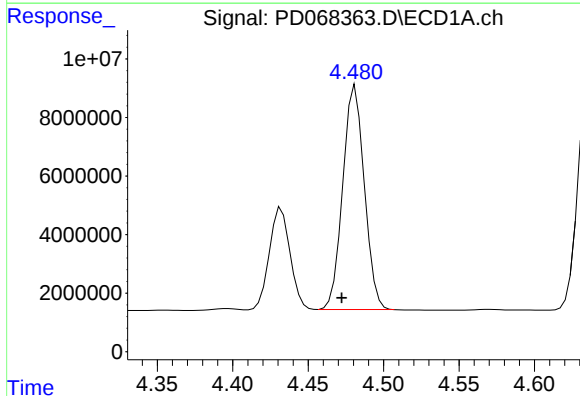
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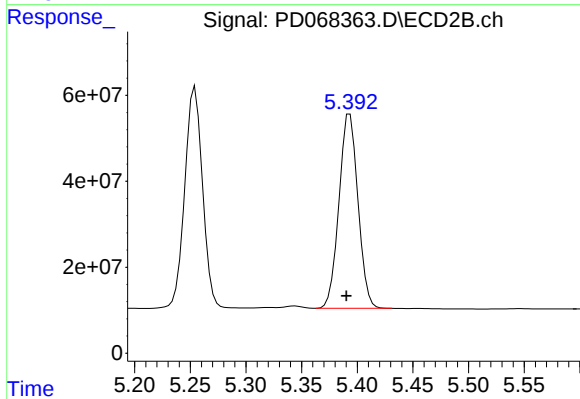
#3 gamma-BHC (Lindane)

R.T.: 4.866 min
Delta R.T.: 0.003 min
Response: 576513193
Conc: 46.49 ng/ml



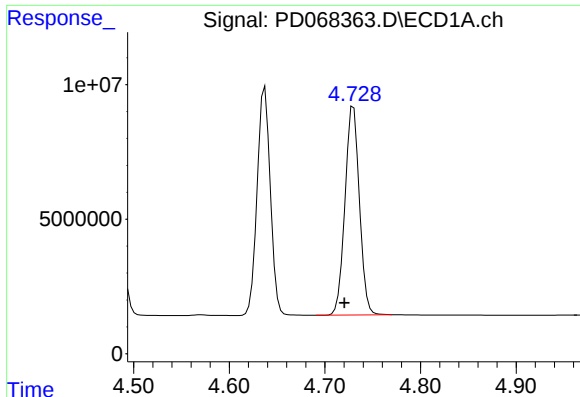
#4 Heptachlor

R.T.: 4.481 min
Delta R.T.: 0.009 min
Response: 76069438
Conc: 50.39 ng/ml



#4 Heptachlor

R.T.: 5.393 min
Delta R.T.: 0.003 min
Response: 536015004
Conc: 47.32 ng/ml



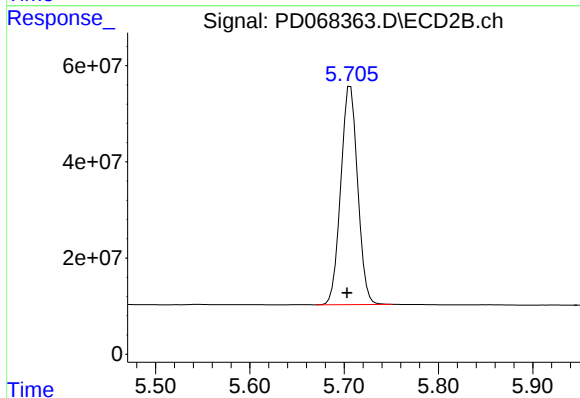
#5 Aldrin

R.T.: 4.730 min
Delta R.T.: 0.009 min
Response: 81819028
Conc: 52.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143132BS

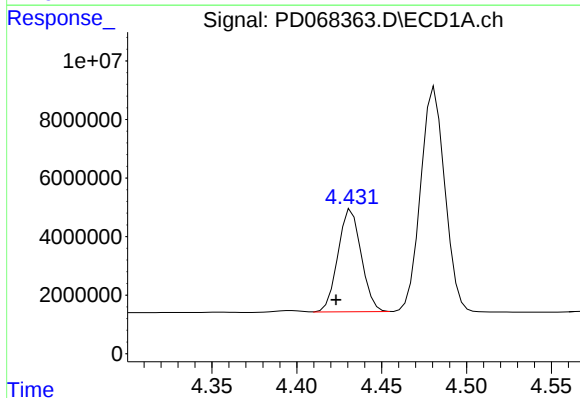
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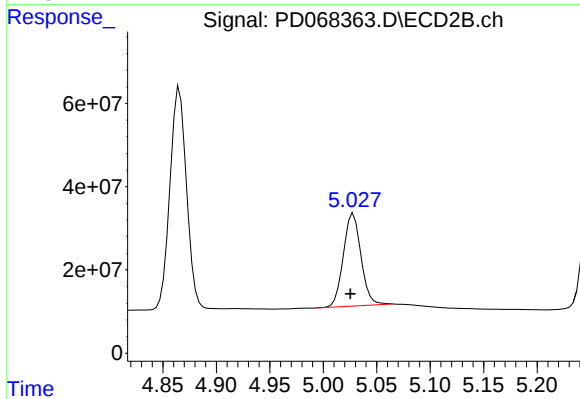
#5 Aldrin

R.T.: 5.707 min
Delta R.T.: 0.004 min
Response: 565561584
Conc: 47.83 ng/ml



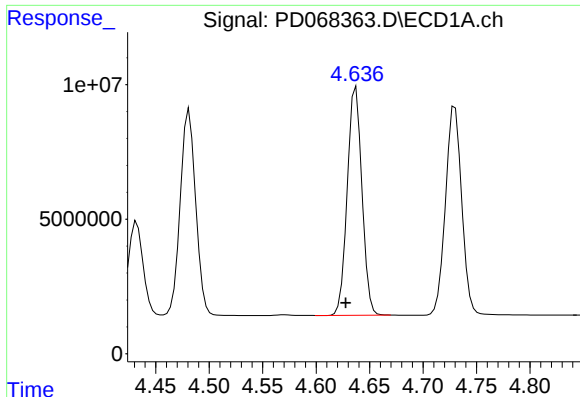
#6 beta-BHC

R.T.: 4.431 min
Delta R.T.: 0.008 min
Response: 33408655
Conc: 47.61 ng/ml m



#6 beta-BHC

R.T.: 5.028 min
Delta R.T.: 0.003 min
Response: 256723250
Conc: 47.49 ng/ml



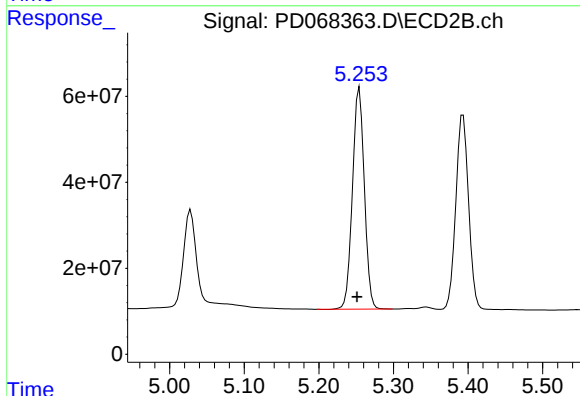
#7 delta-BHC

R.T.: 4.637 min
Delta R.T.: 0.010 min
Response: 81115749
Conc: 50.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143132BS

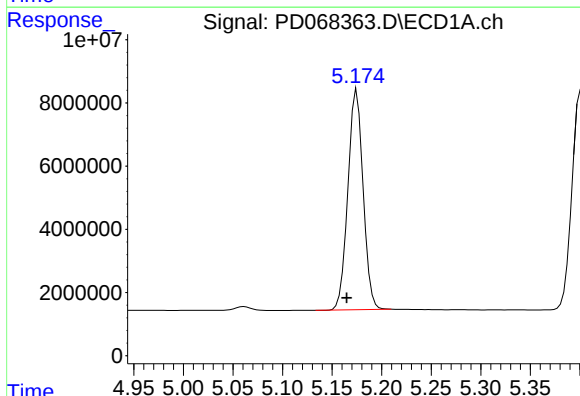
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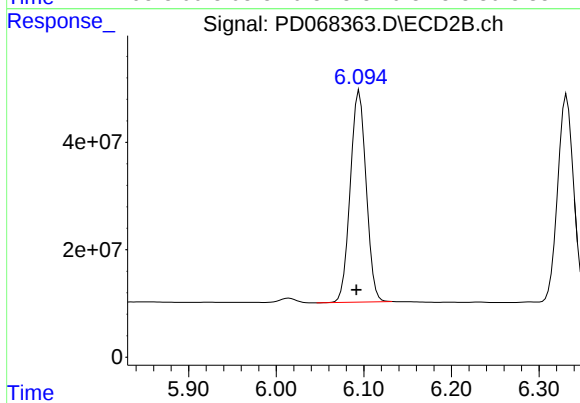
#7 delta-BHC

R.T.: 5.254 min
Delta R.T.: 0.003 min
Response: 570988705
Conc: 45.91 ng/ml



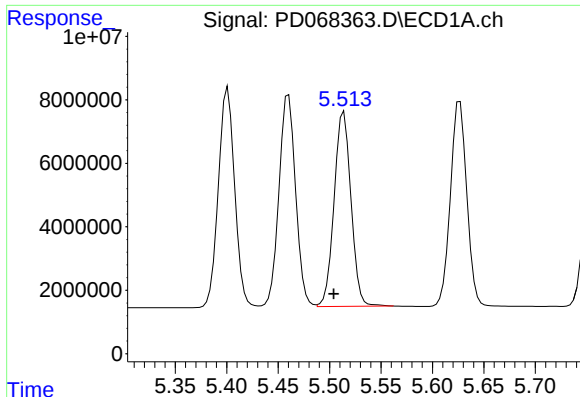
#8 Heptachlor epoxide

R.T.: 5.175 min
Delta R.T.: 0.010 min
Response: 74455972
Conc: 51.07 ng/ml



#8 Heptachlor epoxide

R.T.: 6.095 min
Delta R.T.: 0.003 min
Response: 495186896
Conc: 46.20 ng/ml



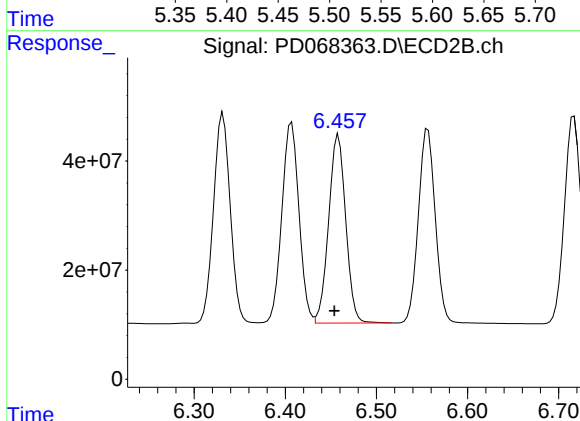
#9 Endosulfan I

R.T.: 5.514 min
Delta R.T.: 0.010 min
Response: 70072812
Conc: 51.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143132BS

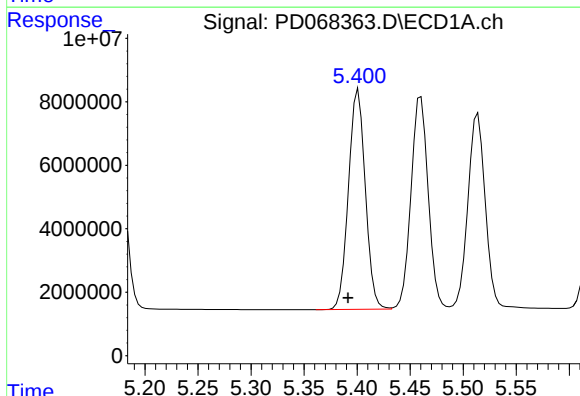
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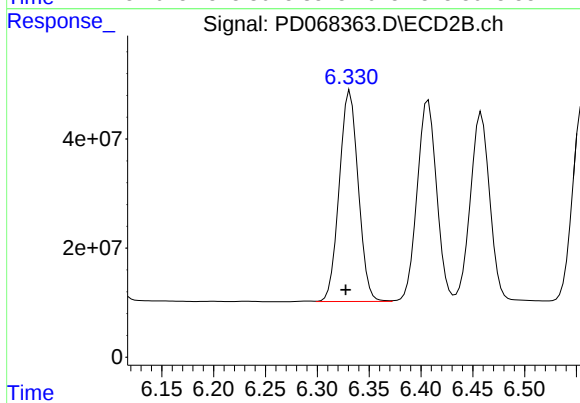
#9 Endosulfan I

R.T.: 6.458 min
Delta R.T.: 0.004 min
Response: 449952264
Conc: 46.63 ng/ml



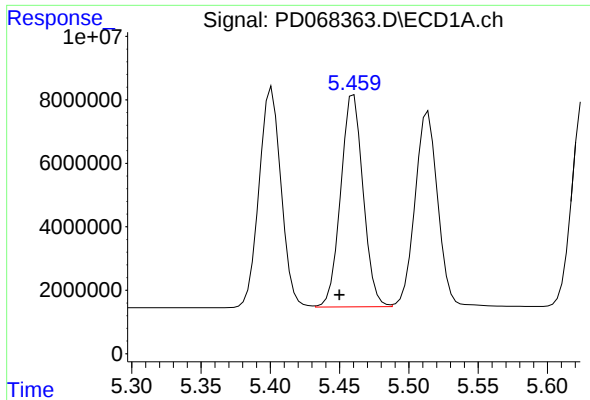
#10 gamma-Chlordane

R.T.: 5.401 min
Delta R.T.: 0.010 min
Response: 76418098
Conc: 51.33 ng/ml



#10 gamma-Chlordane

R.T.: 6.332 min
Delta R.T.: 0.004 min
Response: 493418107
Conc: 46.66 ng/ml



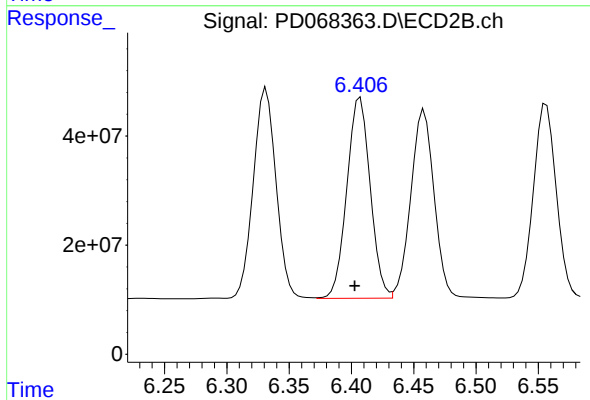
#11 alpha-Chlordane

R.T.: 5.460 min
Delta R.T.: 0.010 min
Response: 75342450
Conc: 51.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143132BS

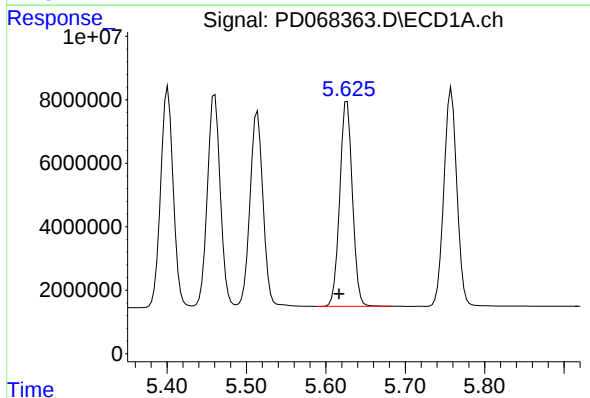
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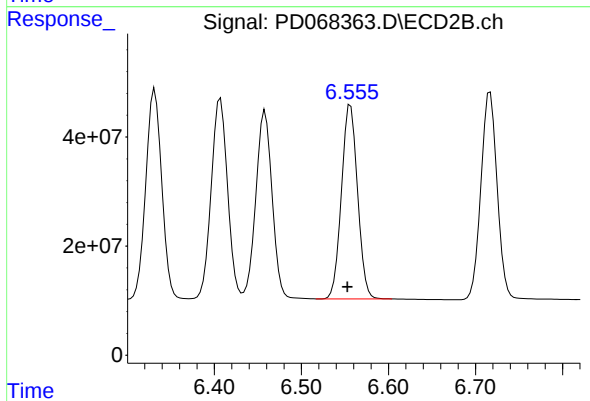
#11 alpha-Chlordane

R.T.: 6.407 min
Delta R.T.: 0.004 min
Response: 482514122
Conc: 46.81 ng/ml



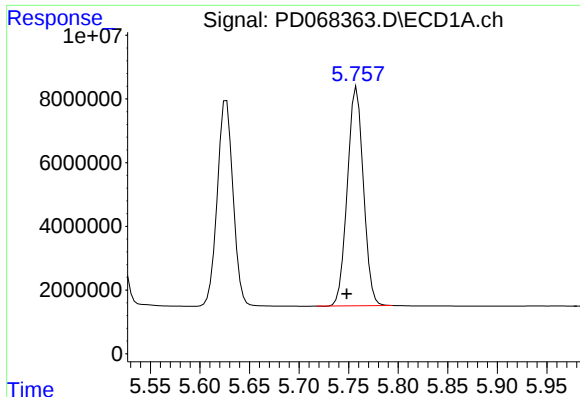
#12 4,4'-DDE

R.T.: 5.627 min
Delta R.T.: 0.010 min
Response: 71618475
Conc: 52.51 ng/ml



#12 4,4'-DDE

R.T.: 6.556 min
Delta R.T.: 0.004 min
Response: 457429123
Conc: 46.79 ng/ml



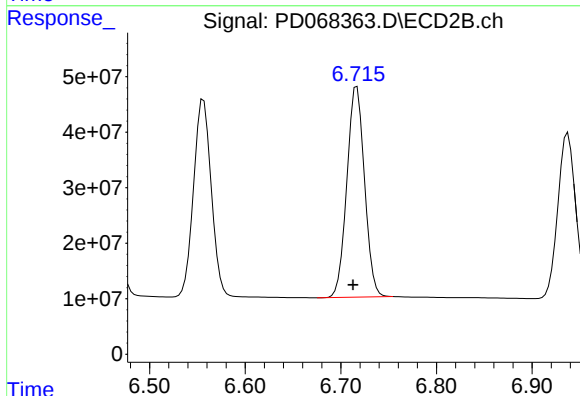
#13 Dieldrin

R.T.: 5.758 min
Delta R.T.: 0.010 min
Response: 77564688
Conc: 52.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143132BS

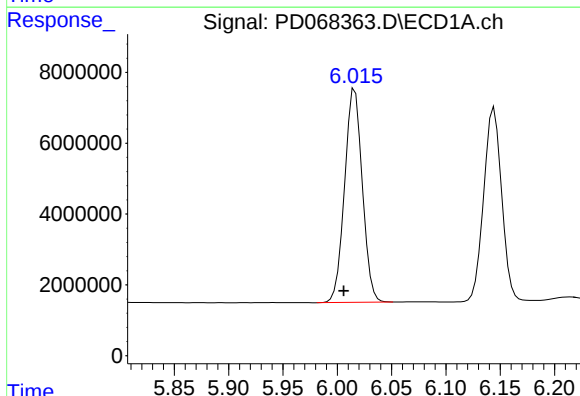
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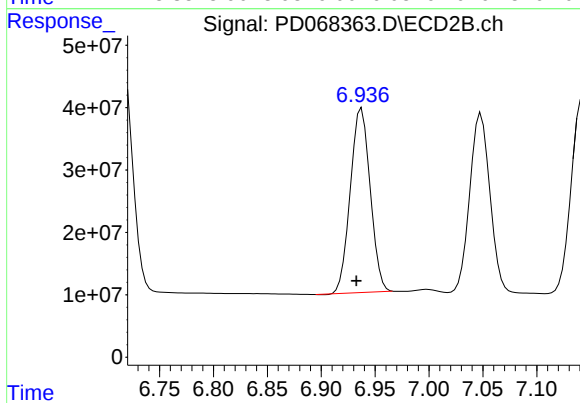
#13 Dieldrin

R.T.: 6.717 min
Delta R.T.: 0.004 min
Response: 488924087
Conc: 47.44 ng/ml



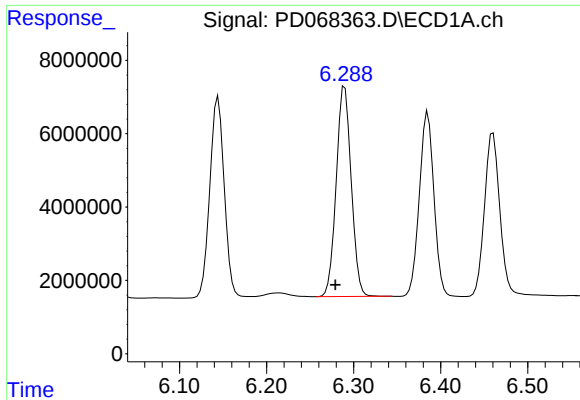
#14 Endrin

R.T.: 6.015 min
Delta R.T.: 0.009 min
Response: 68556907
Conc: 55.50 ng/ml m



#14 Endrin

R.T.: 6.938 min
Delta R.T.: 0.005 min
Response: 380367384
Conc: 49.46 ng/ml



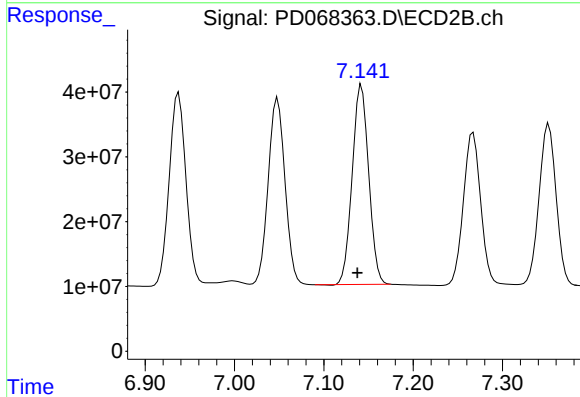
#15 Endosulfan II

R.T.: 6.290 min
Delta R.T.: 0.011 min
Response: 68687592
Conc: 53.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143132BS

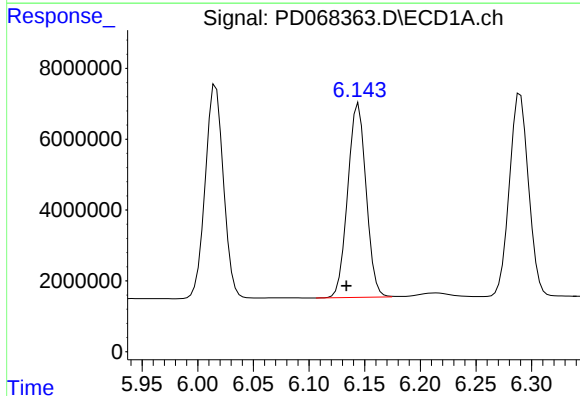
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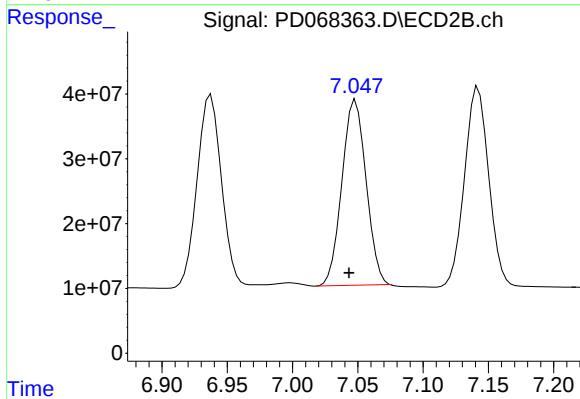
#15 Endosulfan II

R.T.: 7.142 min
Delta R.T.: 0.005 min
Response: 395531964
Conc: 48.13 ng/ml



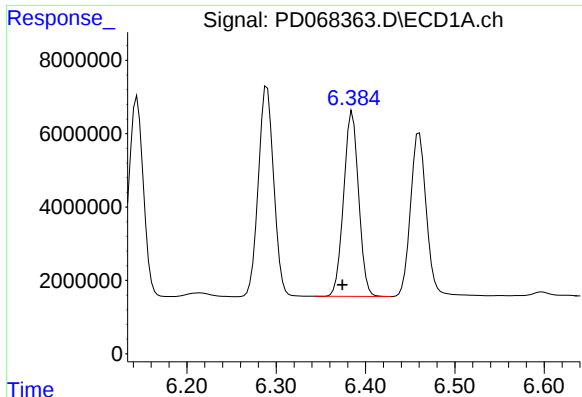
#16 4,4'-DDD

R.T.: 6.144 min
Delta R.T.: 0.011 min
Response: 62985033
Conc: 53.11 ng/ml



#16 4,4'-DDD

R.T.: 7.048 min
Delta R.T.: 0.005 min
Response: 369134110
Conc: 46.90 ng/ml



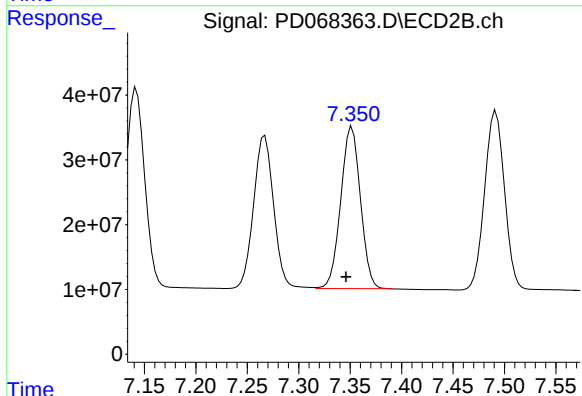
#17 4,4'-DDT

R.T.: 6.385 min
Delta R.T.: 0.011 min
Response: 58748398
Conc: 53.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143132BS

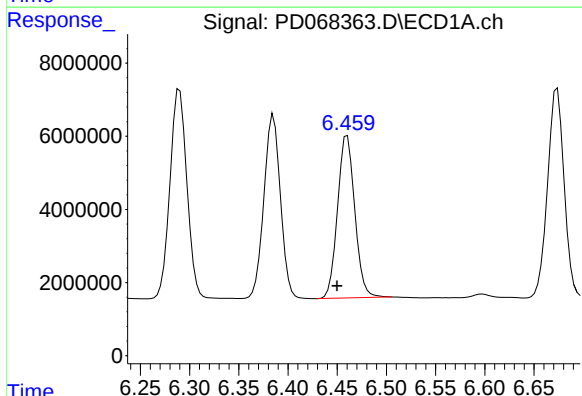
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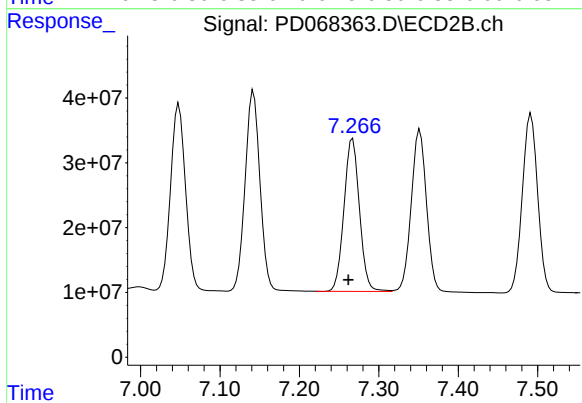
#17 4,4'-DDT

R.T.: 7.352 min
Delta R.T.: 0.006 min
Response: 333262592
Conc: 47.10 ng/ml



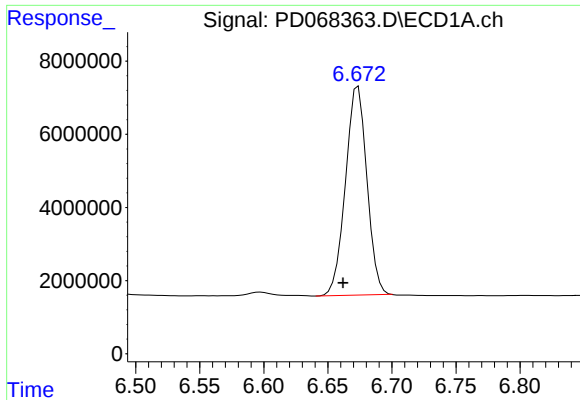
#18 Endrin aldehyde

R.T.: 6.460 min
Delta R.T.: 0.010 min
Response: 54106212
Conc: 59.03 ng/ml



#18 Endrin aldehyde

R.T.: 7.267 min
Delta R.T.: 0.006 min
Response: 319606646
Conc: 53.11 ng/ml



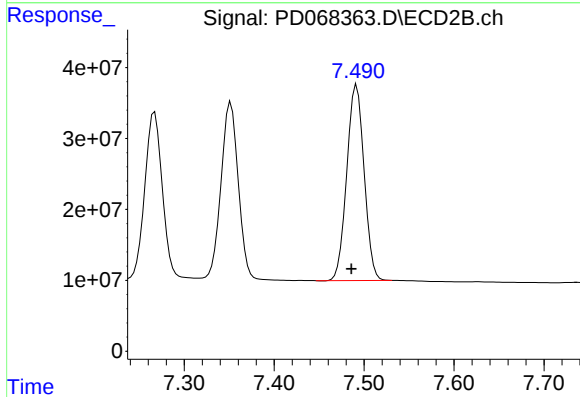
#19 Endosulfan Sulfate

R.T.: 6.674 min
Delta R.T.: 0.012 min
Response: 66294971
Conc: 52.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143132BS

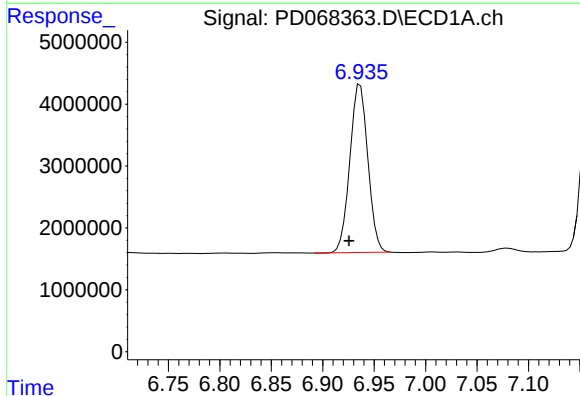
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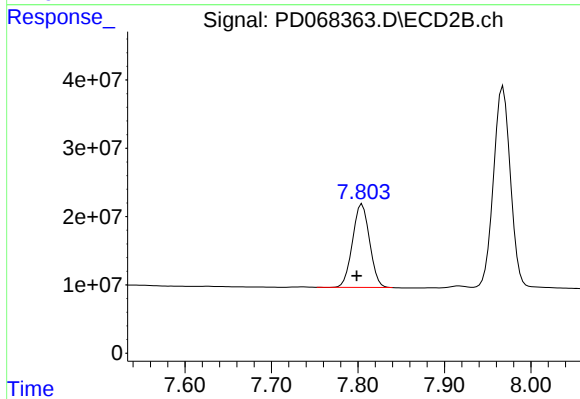
#19 Endosulfan Sulfate

R.T.: 7.492 min
Delta R.T.: 0.006 min
Response: 369898821
Conc: 47.54 ng/ml



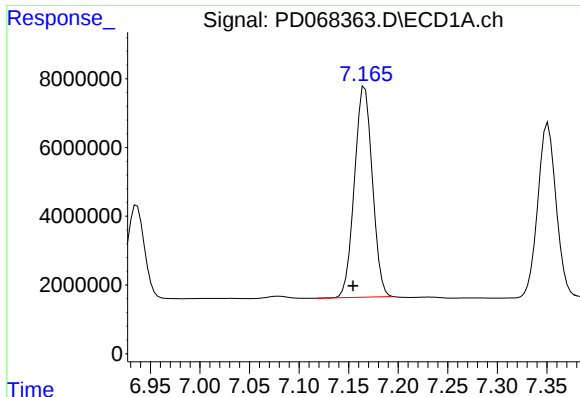
#20 Methoxychlor

R.T.: 6.936 min
Delta R.T.: 0.011 min
Response: 33121511
Conc: 51.04 ng/ml



#20 Methoxychlor

R.T.: 7.805 min
Delta R.T.: 0.006 min
Response: 167288373
Conc: 48.15 ng/ml



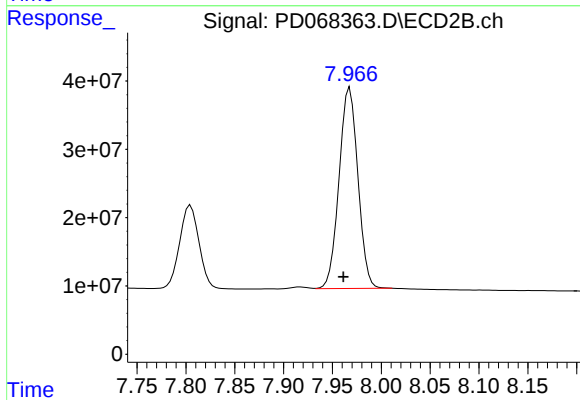
#21 Endrin ketone

R.T.: 7.166 min
Delta R.T.: 0.012 min
Response: 77084408
Conc: 52.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143132BS

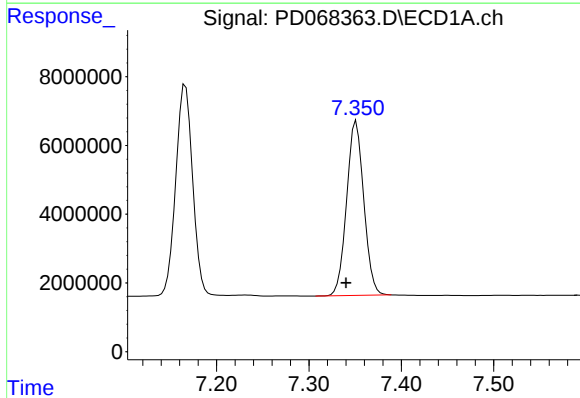
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/09/2022
Supervised By :Ankita Jodhani 03/09/2022



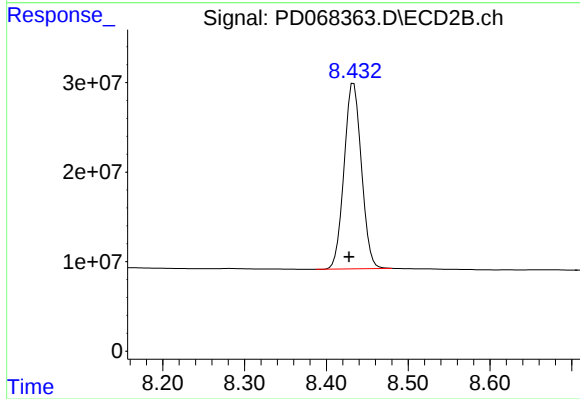
#21 Endrin ketone

R.T.: 7.968 min
Delta R.T.: 0.007 min
Response: 395530842
Conc: 47.12 ng/ml



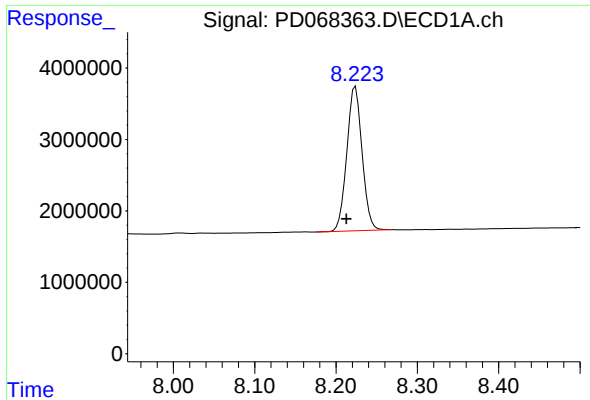
#22 Mirex

R.T.: 7.351 min
Delta R.T.: 0.011 min
Response: 65391774
Conc: 51.59 ng/ml



#22 Mirex

R.T.: 8.433 min
Delta R.T.: 0.006 min
Response: 303627811
Conc: 47.47 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.224 min
Delta R.T.: 0.011 min
Response: 26276418
Conc: 22.58 ng/ml

Instrument :

ECD_D

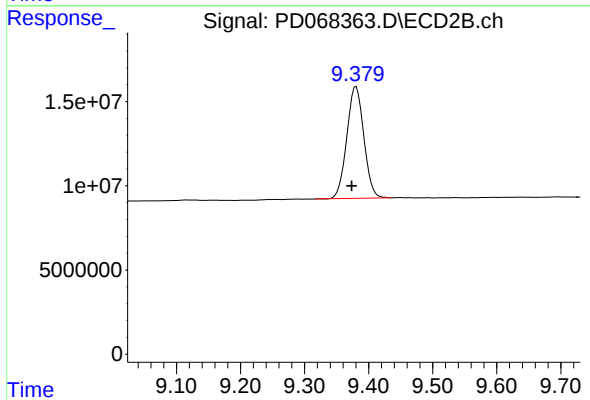
ClientSampleId :

PB143132BS

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#28 Decachlorobiphenyl

R.T.: 9.380 min
Delta R.T.: 0.007 min
Response: 122565355
Conc: 20.67 ng/ml