

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071422\  
 Data File : PL076450.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Jul 2022 17:01  
 Operator : AR\AJ  
 Sample : PB146219BSD  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB146219BSD

Manual Integrations  
 APPROVED

Reviewed By : Abdul Mirza 07/15/2022  
 Supervised By : Ankita Jodhani 07/15/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 15 00:14:54 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL070822.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jul 08 16:50:17 2022  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 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 x0.5µm

|                             | Compound        | RT#1   | RT#2   | Resp#1   | Resp#2   | ng/ml  | ng/ml   |
|-----------------------------|-----------------|--------|--------|----------|----------|--------|---------|
| -----                       |                 |        |        |          |          |        |         |
| System Monitoring Compounds |                 |        |        |          |          |        |         |
| 1)                          | SA Tetrachlo... | 5.639  | 4.624  | 11794714 | 33355213 | 16.372 | 16.497  |
| 28)                         | SA Decachlor... | 11.624 | 10.358 | 10973893 | 28825085 | 18.601 | 17.179  |
| Target Compounds            |                 |        |        |          |          |        |         |
| 2)                          | A alpha-BHC     | 6.223  | 5.325  | 44991789 | 127.5E6  | 48.006 | 46.482  |
| 3)                          | MA gamma-BHC... | 6.621  | 5.745  | 42521338 | 116.8E6  | 48.520 | 47.449  |
| 4)                          | MA Heptachlor   | 7.274  | 6.152  | 42606860 | 114.4E6  | 49.142 | 47.137  |
| 5)                          | MB Aldrin       | 7.648  | 6.475  | 38596261 | 106.3E6  | 49.683 | 49.043  |
| 6)                          | B beta-BHC      | 6.873  | 6.125  | 19797549 | 49137721 | 45.039 | 44.930  |
| 7)                          | B delta-BHC     | 7.144  | 6.384  | 40564240 | 113.4E6  | 60.580 | 47.373  |
| 8)                          | B Heptachlo...  | 8.115  | 7.048  | 36139424 | 96909091 | 46.421 | 49.168  |
| 9)                          | A Endosulfan I  | 8.524  | 7.450  | 33611311 | 90270232 | 49.759 | 48.952  |
| 10)                         | B gamma-Chl...  | 8.386  | 7.324  | 35945869 | 97860491 | 49.463 | 49.076  |
| 11)                         | B alpha-Chl...  | 8.467  | 7.393  | 35883260 | 96213472 | 49.583 | 47.854  |
| 12)                         | B 4,4'-DDE      | 8.653  | 7.604  | 31779971 | 88650418 | 51.264 | 48.233m |
| 13)                         | MA Dieldrin     | 8.813  | 7.734  | 33919062 | 91636813 | 50.208 | 48.442  |
| 14)                         | MA Endrin       | 9.054  | 8.024  | 26258686 | 71555821 | 45.637 | 49.495  |
| 15)                         | B Endosulfa...  | 9.288  | 8.334  | 29002954 | 74184601 | 48.545 | 48.000  |
| 16)                         | A 4,4'-DDD      | 9.194  | 8.189  | 27387021 | 73868110 | 52.418 | 50.945  |
| 17)                         | MA 4,4'-DDT     | 9.514  | 8.448  | 26787181 | 67493275 | 45.091 | 43.169  |
| 18)                         | B Endrin al...  | 9.423  | 8.522  | 23794037 | 59232933 | 49.299 | 47.269  |
| 19)                         | B Endosulfa...  | 9.661  | 8.752  | 29402042 | 75669665 | 49.249 | 47.585  |
| 20)                         | A Methoxychlor  | 9.999  | 9.040  | 14645908 | 35298826 | 43.705 | 41.379  |
| 21)                         | B Endrin ke...  | 10.163 | 9.269  | 34398673 | 86354536 | 50.883 | 51.315  |
| 22)                         | Mirex           | 10.634 | 9.452  | 25238674 | 63431329 | 49.349 | 47.962m |
| -----                       |                 |        |        |          |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL071422\  
 Data File : PL076450.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 14 Jul 2022 17:01  
 Operator : AR\AJ  
 Sample : PB146219BSD  
 Misc :  
 ALS Vial : 17 Sample Multiplier: 1

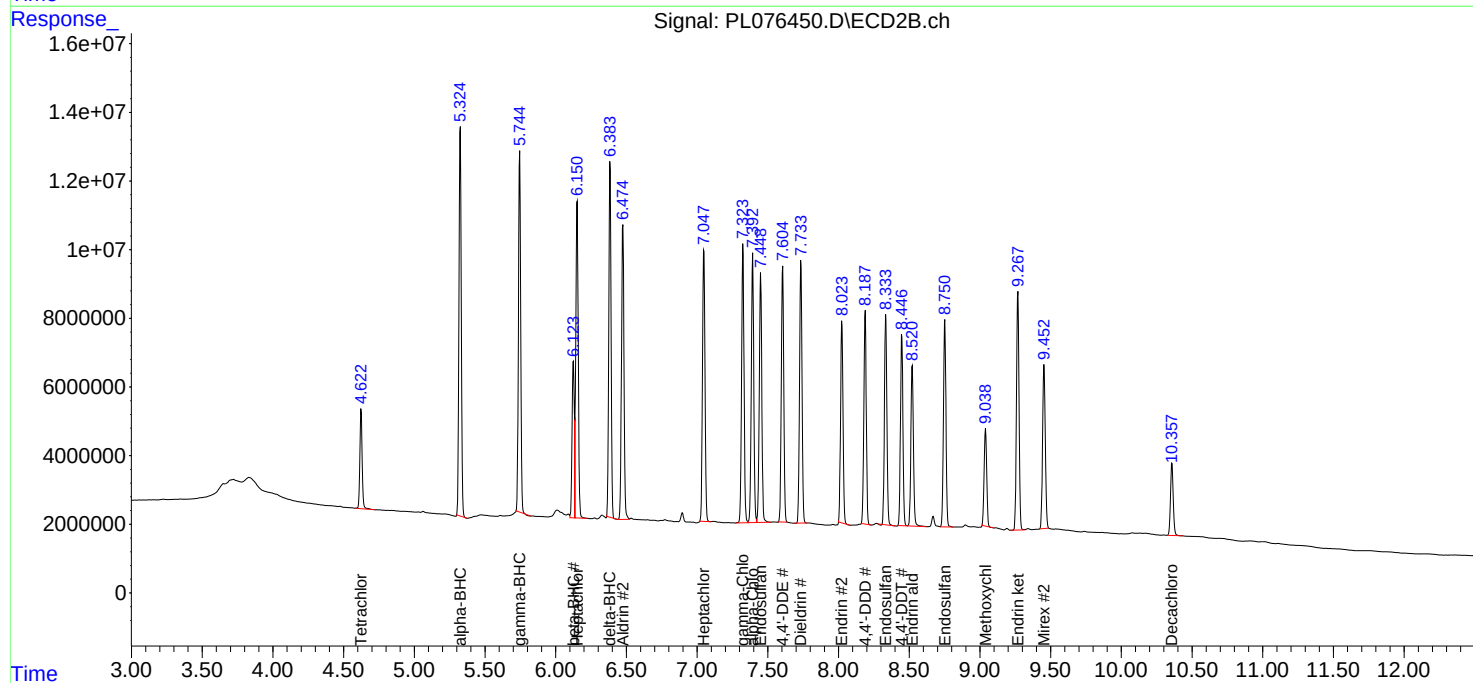
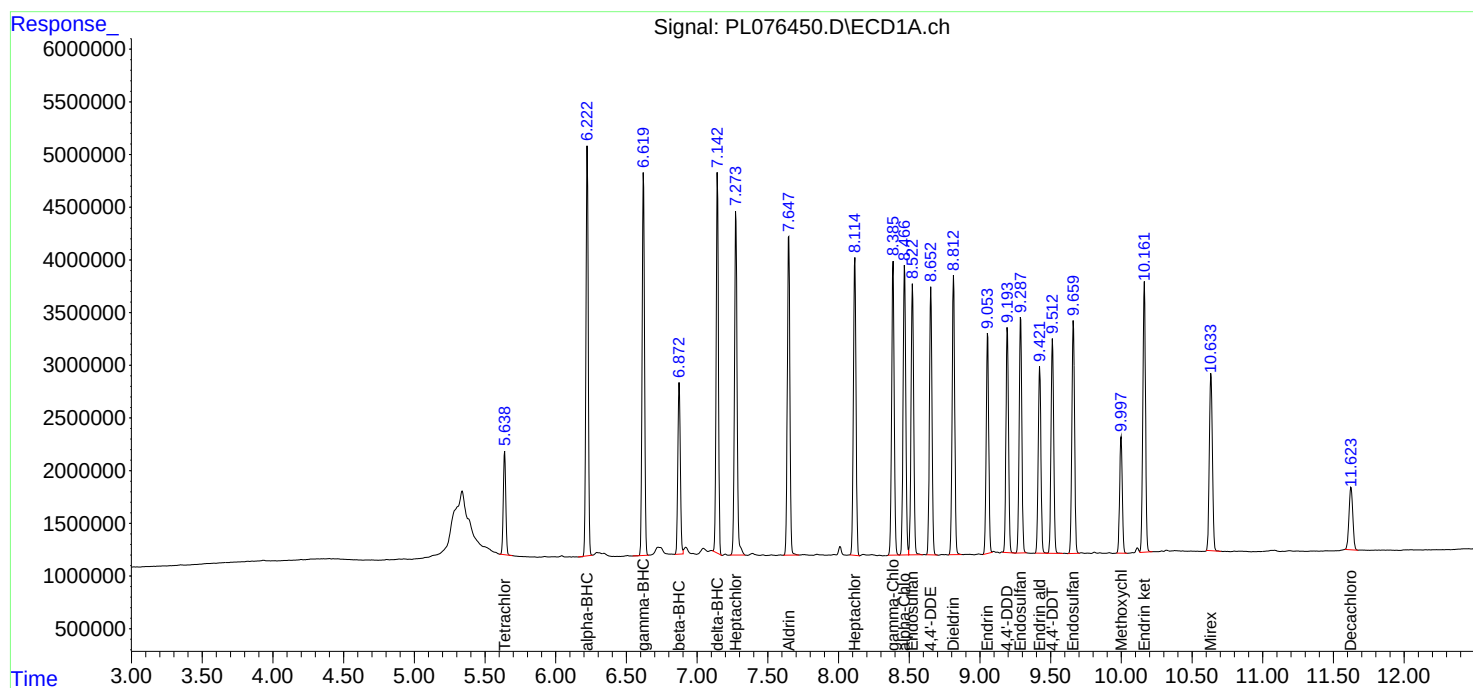
Instrument :  
 ECD\_L  
 ClientSampleId :  
 PB146219BSD

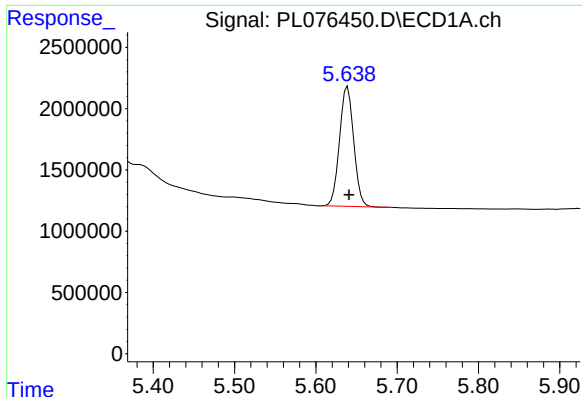
### Manual Integrations APPROVED

Reviewed By :Abdul Mirza 07/15/2022  
 Supervised By :Ankita Jodhani 07/15/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jul 15 00:14:54 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL070822.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Jul 08 16:50:17 2022  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 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 x0.5µm





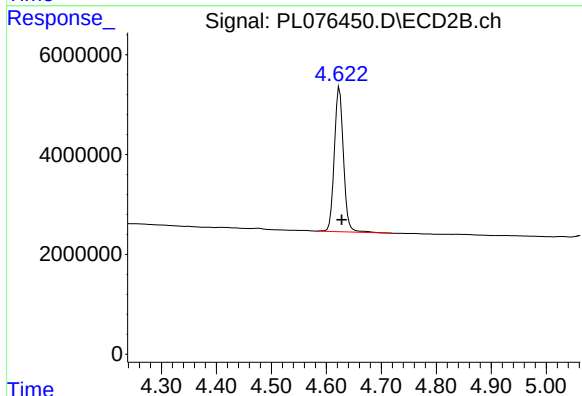
#1 Tetrachloro-m-xylene

R.T.: 5.639 min  
Delta R.T.: -0.002 min  
Response: 11794714  
Conc: 16.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB146219BSD

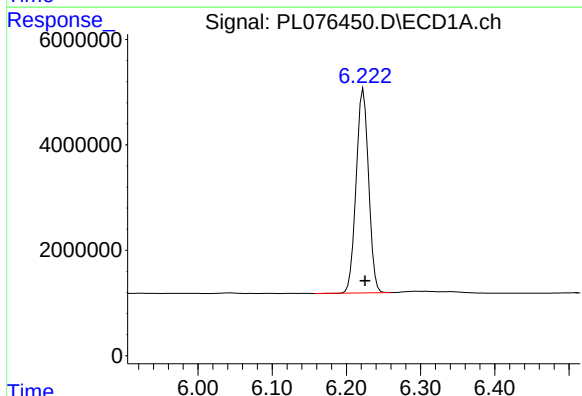
Manual Integrations  
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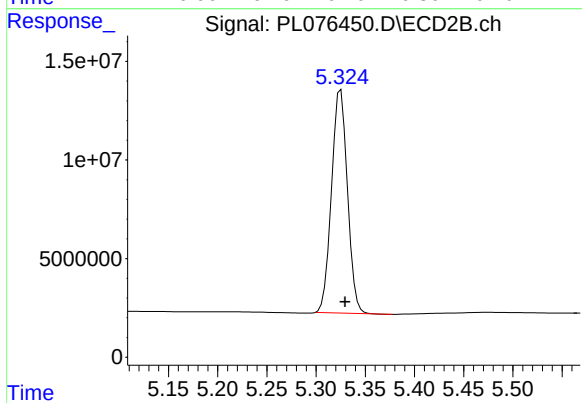
#1 Tetrachloro-m-xylene

R.T.: 4.624 min  
Delta R.T.: -0.004 min  
Response: 33355213  
Conc: 16.50 ng/ml



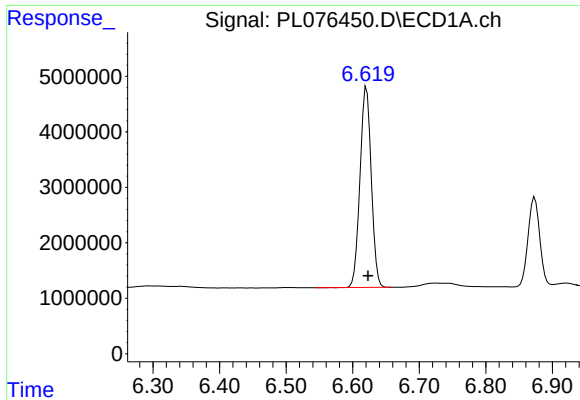
#2 alpha-BHC

R.T.: 6.223 min  
Delta R.T.: -0.002 min  
Response: 44991789  
Conc: 48.01 ng/ml



#2 alpha-BHC

R.T.: 5.325 min  
Delta R.T.: -0.004 min  
Response: 127487096  
Conc: 46.48 ng/ml



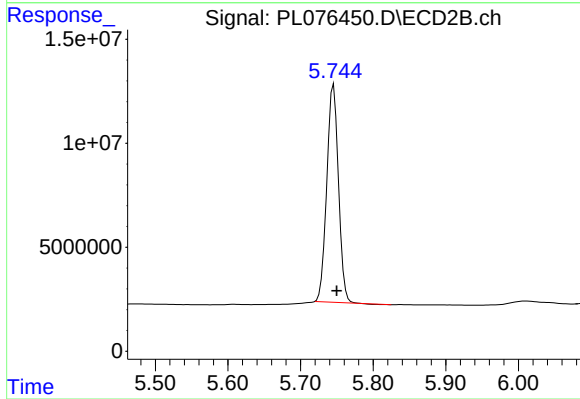
#3 gamma-BHC (Lindane)

R.T.: 6.621 min  
Delta R.T.: -0.002 min  
Response: 42521338  
Conc: 48.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB146219BSD

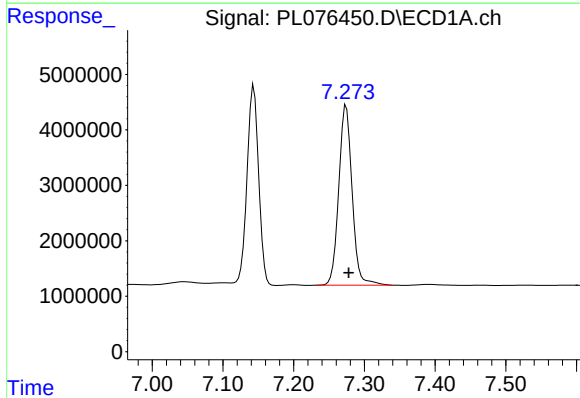
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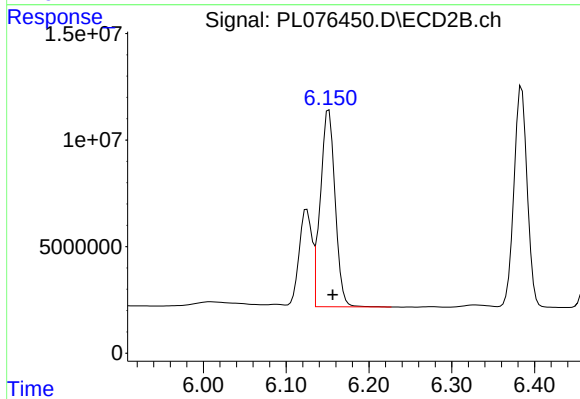
#3 gamma-BHC (Lindane)

R.T.: 5.745 min  
Delta R.T.: -0.004 min  
Response: 116784805  
Conc: 47.45 ng/ml



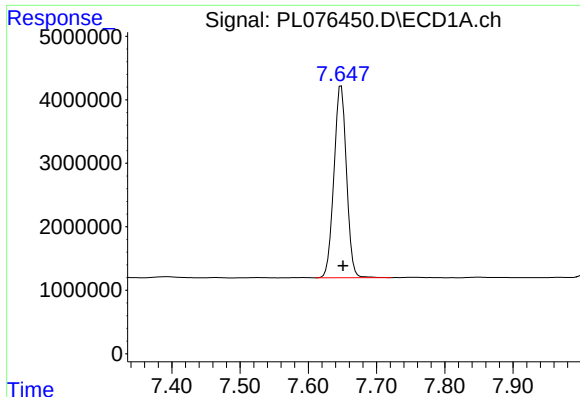
#4 Heptachlor

R.T.: 7.274 min  
Delta R.T.: -0.003 min  
Response: 42606860  
Conc: 49.14 ng/ml



#4 Heptachlor

R.T.: 6.152 min  
Delta R.T.: -0.005 min  
Response: 114351718  
Conc: 47.14 ng/ml



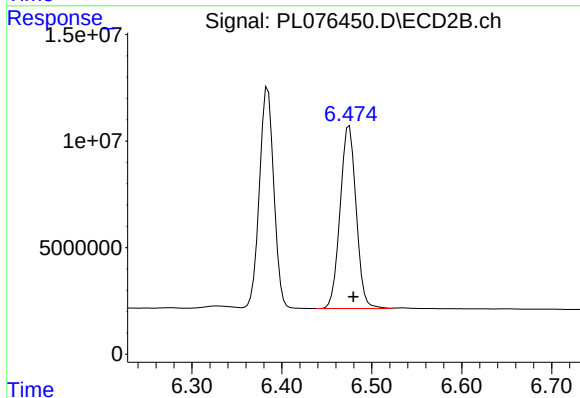
#5 Aldrin

R.T.: 7.648 min  
Delta R.T.: -0.003 min  
Response: 38596261  
Conc: 49.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB146219BSD

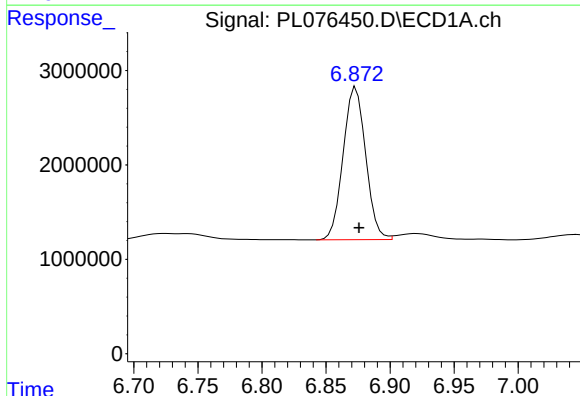
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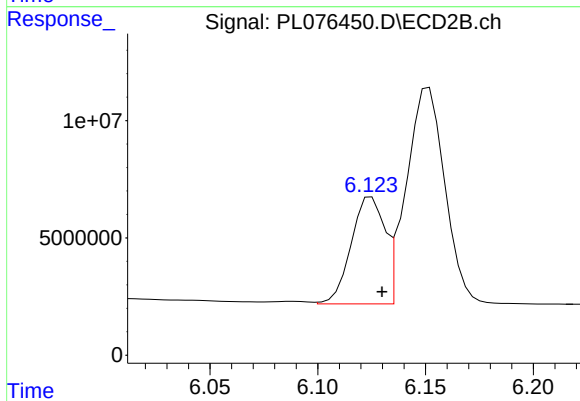
#5 Aldrin

R.T.: 6.475 min  
Delta R.T.: -0.005 min  
Response: 106316746  
Conc: 49.04 ng/ml



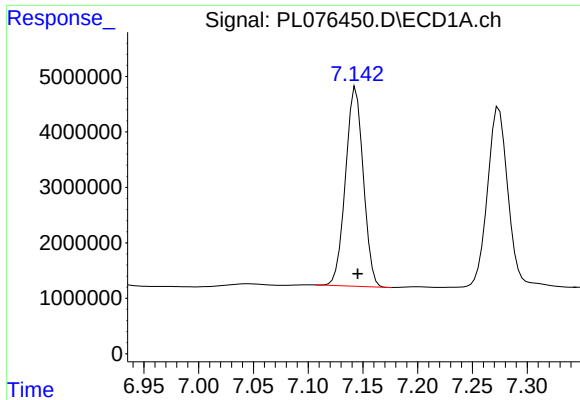
#6 beta-BHC

R.T.: 6.873 min  
Delta R.T.: -0.002 min  
Response: 19797549  
Conc: 45.04 ng/ml



#6 beta-BHC

R.T.: 6.125 min  
Delta R.T.: -0.005 min  
Response: 49137721  
Conc: 44.93 ng/ml



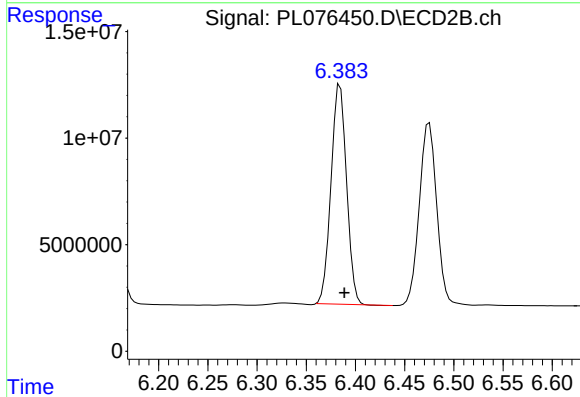
#7 delta-BHC

R.T.: 7.144 min  
Delta R.T.: -0.002 min  
Response: 40564240  
Conc: 60.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB146219BSD

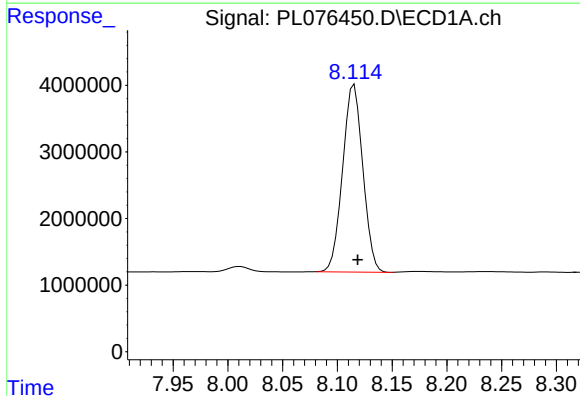
Manual Integrations  
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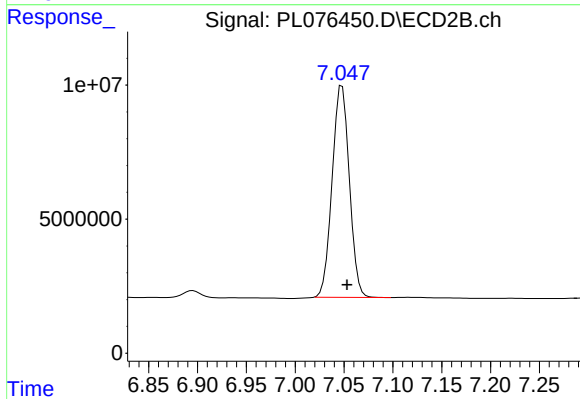
#7 delta-BHC

R.T.: 6.384 min  
Delta R.T.: -0.004 min  
Response: 113363213  
Conc: 47.37 ng/ml



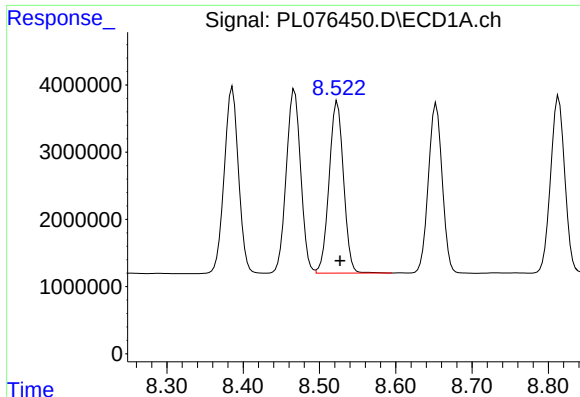
#8 Heptachlor epoxide

R.T.: 8.115 min  
Delta R.T.: -0.003 min  
Response: 36139424  
Conc: 46.42 ng/ml



#8 Heptachlor epoxide

R.T.: 7.048 min  
Delta R.T.: -0.005 min  
Response: 96909091  
Conc: 49.17 ng/ml



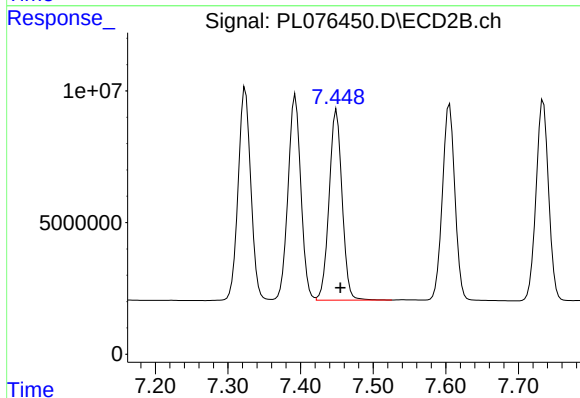
#9 Endosulfan I

R.T.: 8.524 min  
Delta R.T.: -0.003 min  
Response: 33611311  
Conc: 49.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB146219BSD

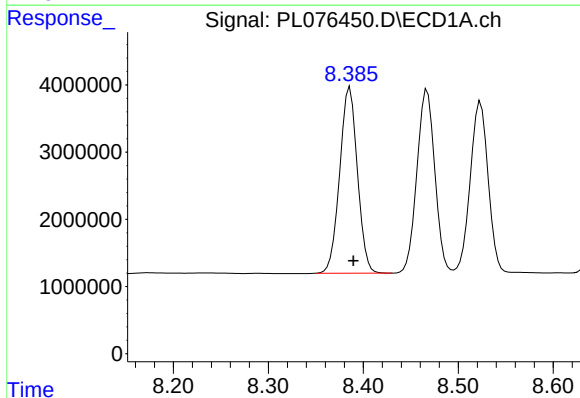
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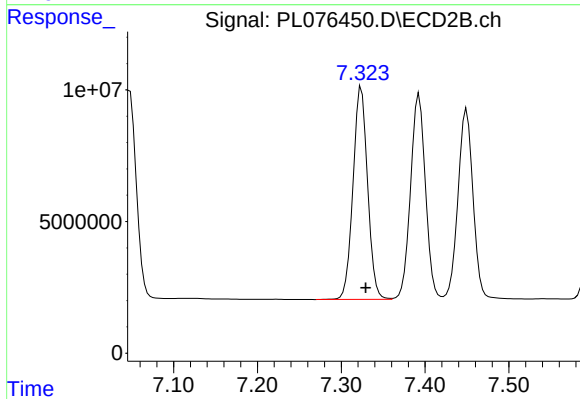
#9 Endosulfan I

R.T.: 7.450 min  
Delta R.T.: -0.005 min  
Response: 90270232  
Conc: 48.95 ng/ml



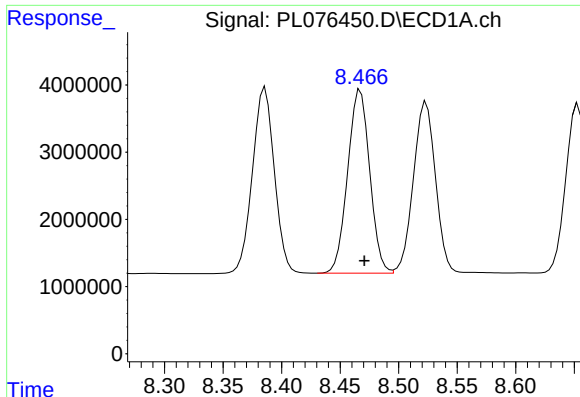
#10 gamma-Chlordane

R.T.: 8.386 min  
Delta R.T.: -0.003 min  
Response: 35945869  
Conc: 49.46 ng/ml



#10 gamma-Chlordane

R.T.: 7.324 min  
Delta R.T.: -0.005 min  
Response: 97860491  
Conc: 49.08 ng/ml



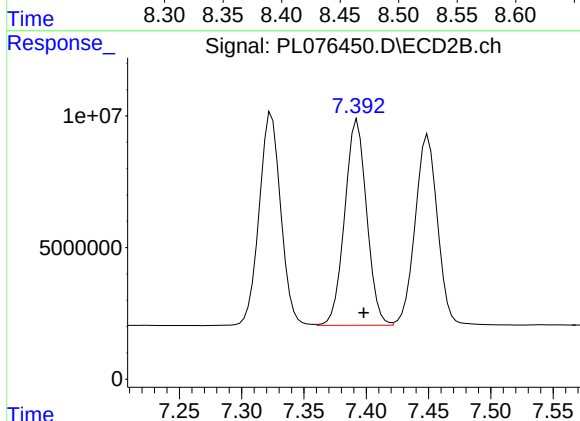
#11 alpha-Chlordane

R.T.: 8.467 min  
Delta R.T.: -0.003 min  
Response: 35883260  
Conc: 49.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB146219BSD

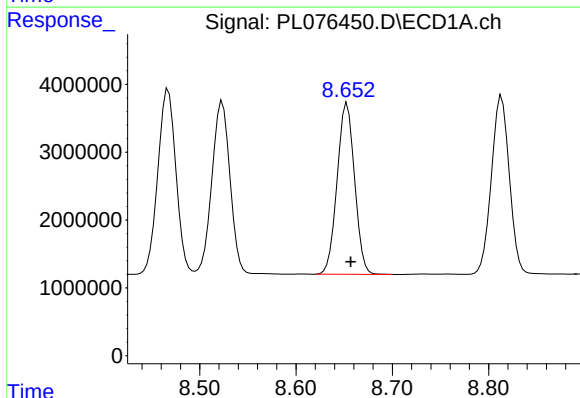
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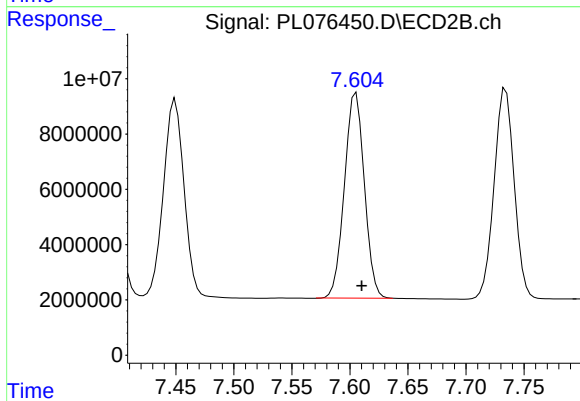
#11 alpha-Chlordane

R.T.: 7.393 min  
Delta R.T.: -0.005 min  
Response: 96213472  
Conc: 47.85 ng/ml



#12 4,4'-DDE

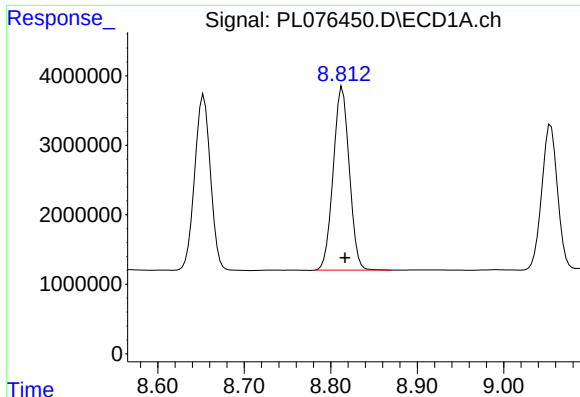
R.T.: 8.653 min  
Delta R.T.: -0.004 min  
Response: 31779971  
Conc: 51.26 ng/ml



#12 4,4'-DDE

R.T.: 7.604 min  
Delta R.T.: -0.006 min  
Response: 88650418  
Conc: 48.23 ng/ml m





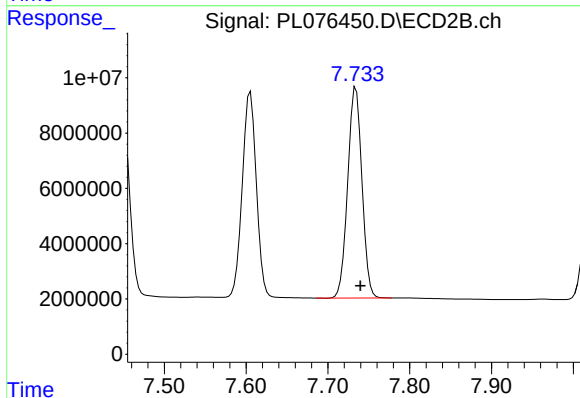
#13 Dieldrin

R.T.: 8.813 min  
Delta R.T.: -0.003 min  
Response: 33919062  
Conc: 50.21 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB146219BSD

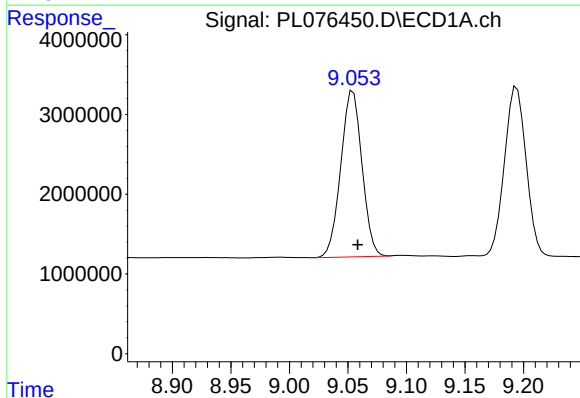
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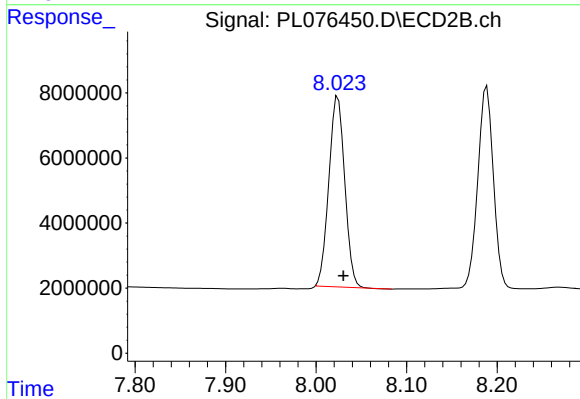
#13 Dieldrin

R.T.: 7.734 min  
Delta R.T.: -0.006 min  
Response: 91636813  
Conc: 48.44 ng/ml



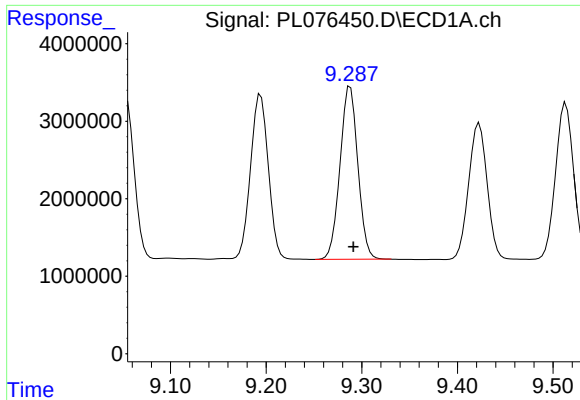
#14 Endrin

R.T.: 9.054 min  
Delta R.T.: -0.004 min  
Response: 26258686  
Conc: 45.64 ng/ml



#14 Endrin

R.T.: 8.024 min  
Delta R.T.: -0.006 min  
Response: 71555821  
Conc: 49.50 ng/ml



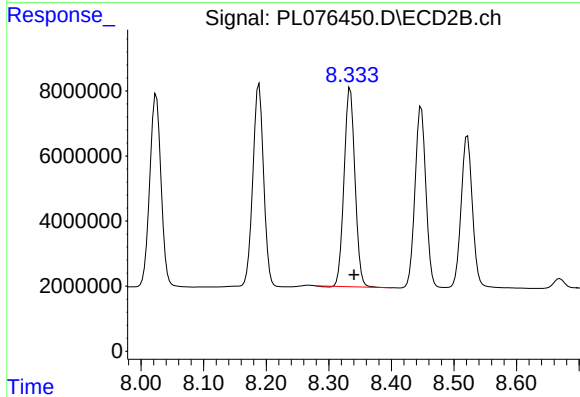
#15 Endosulfan II

R.T.: 9.288 min  
Delta R.T.: -0.004 min  
Response: 29002954  
Conc: 48.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB146219BSD

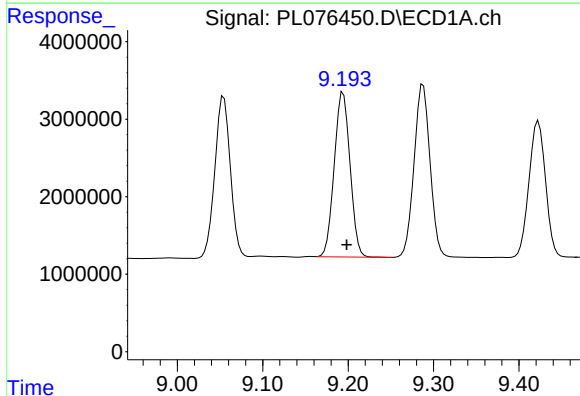
Manual Integrations  
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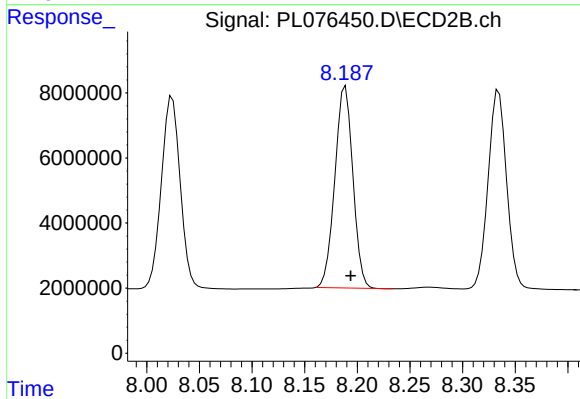
#15 Endosulfan II

R.T.: 8.334 min  
Delta R.T.: -0.006 min  
Response: 74184601  
Conc: 48.00 ng/ml



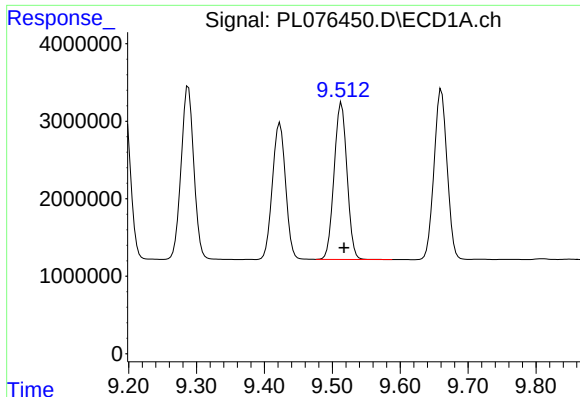
#16 4,4'-DDD

R.T.: 9.194 min  
Delta R.T.: -0.004 min  
Response: 27387021  
Conc: 52.42 ng/ml



#16 4,4'-DDD

R.T.: 8.189 min  
Delta R.T.: -0.005 min  
Response: 73868110  
Conc: 50.94 ng/ml



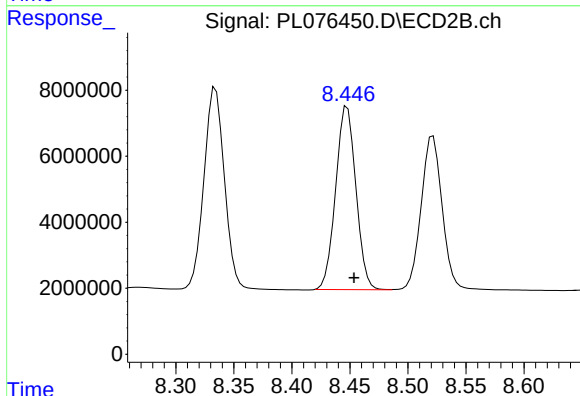
#17 4,4'-DDT

R.T.: 9.514 min  
Delta R.T.: -0.004 min  
Response: 26787181  
Conc: 45.09 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB146219BSD

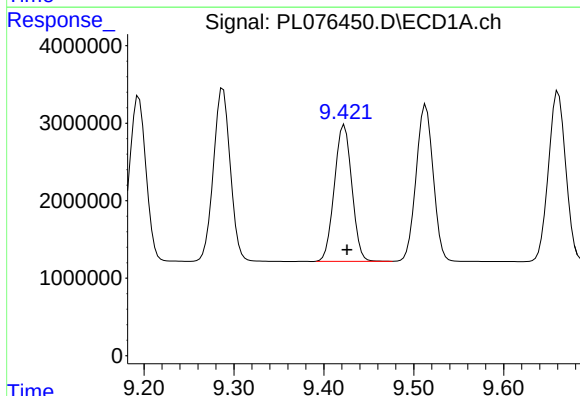
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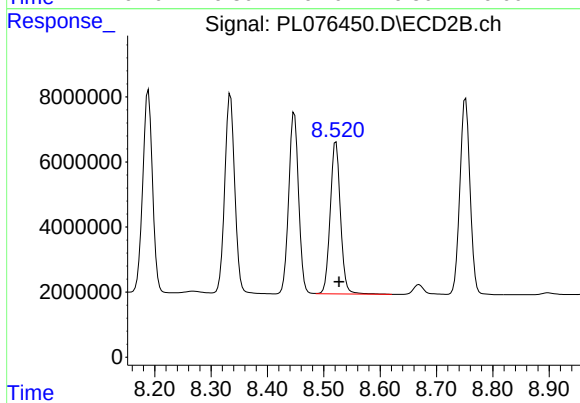
#17 4,4'-DDT

R.T.: 8.448 min  
Delta R.T.: -0.006 min  
Response: 67493275  
Conc: 43.17 ng/ml



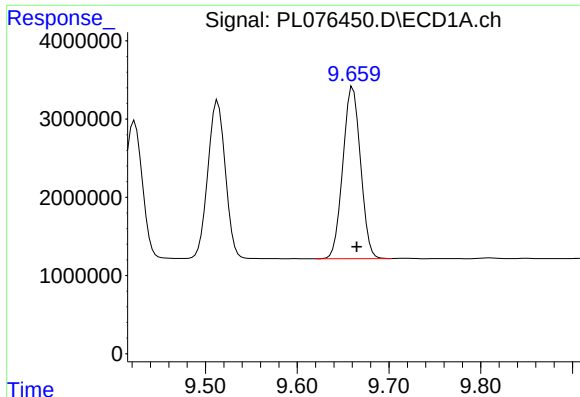
#18 Endrin aldehyde

R.T.: 9.423 min  
Delta R.T.: -0.003 min  
Response: 23794037  
Conc: 49.30 ng/ml



#18 Endrin aldehyde

R.T.: 8.522 min  
Delta R.T.: -0.005 min  
Response: 59232933  
Conc: 47.27 ng/ml



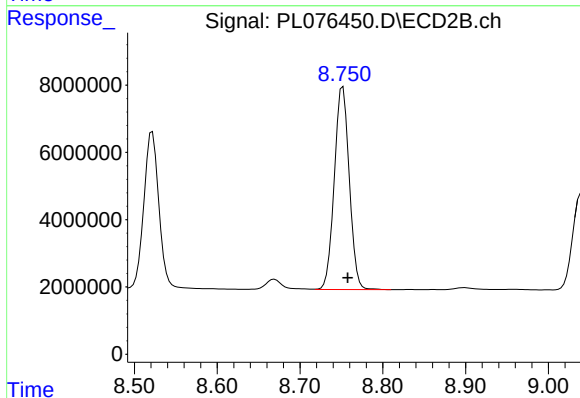
#19 Endosulfan Sulfate

R.T.: 9.661 min  
Delta R.T.: -0.004 min  
Response: 29402042  
Conc: 49.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB146219BSD

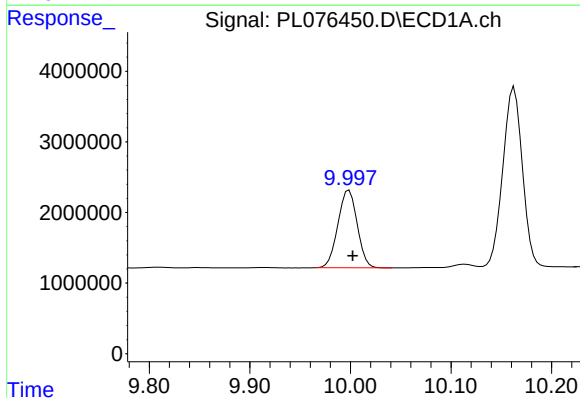
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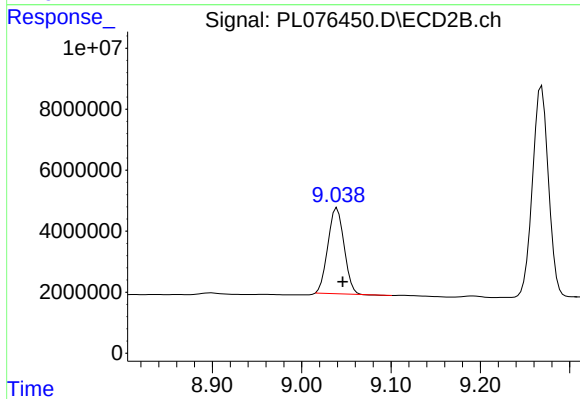
#19 Endosulfan Sulfate

R.T.: 8.752 min  
Delta R.T.: -0.006 min  
Response: 75669665  
Conc: 47.58 ng/ml



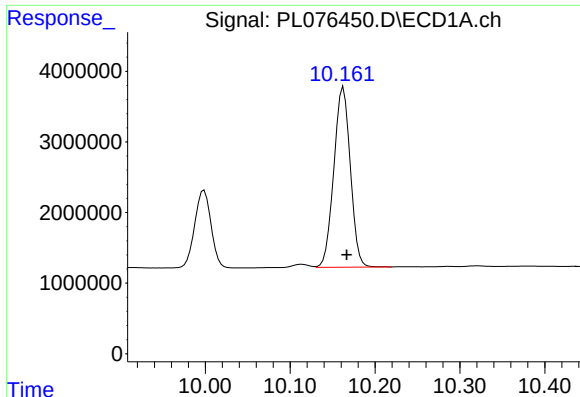
#20 Methoxychlor

R.T.: 9.999 min  
Delta R.T.: -0.004 min  
Response: 14645908  
Conc: 43.71 ng/ml



#20 Methoxychlor

R.T.: 9.040 min  
Delta R.T.: -0.006 min  
Response: 35298826  
Conc: 41.38 ng/ml



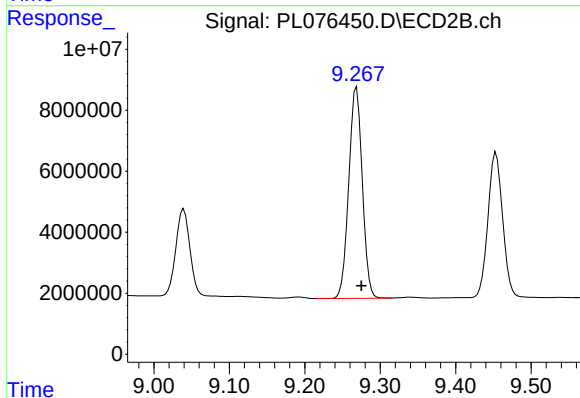
#21 Endrin ketone

R.T.: 10.163 min  
Delta R.T.: -0.004 min  
Response: 34398673  
Conc: 50.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB146219BSD

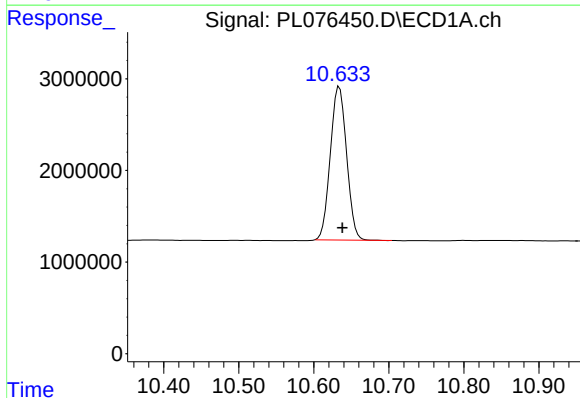
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 07/15/2022  
Supervised By :Ankita Jodhani 07/15/2022



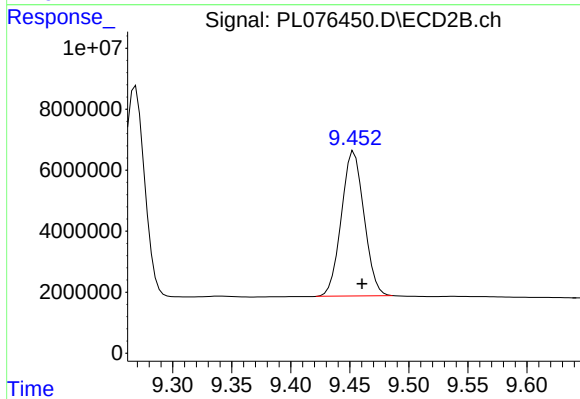
#21 Endrin ketone

R.T.: 9.269 min  
Delta R.T.: -0.006 min  
Response: 86354536  
Conc: 51.31 ng/ml



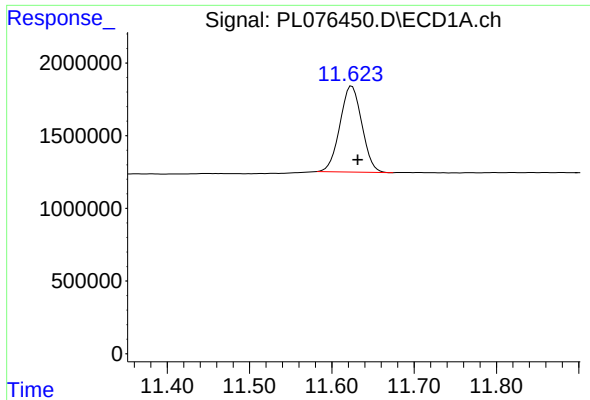
#22 Mirex

R.T.: 10.634 min  
Delta R.T.: -0.004 min  
Response: 25238674  
Conc: 49.35 ng/ml



#22 Mirex

R.T.: 9.452 min  
Delta R.T.: -0.008 min  
Response: 63431329  
Conc: 47.96 ng/ml m



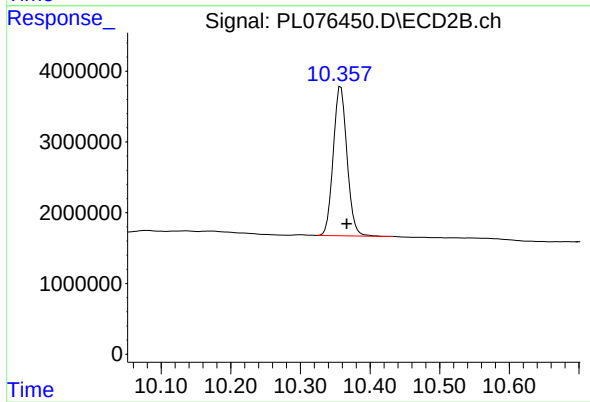
#28 Decachlorobiphenyl

R.T.: 11.624 min  
Delta R.T.: -0.007 min  
Response: 10973893  
Conc: 18.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PB146219BSD

Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 07/15/2022  
Supervised By :Ankita Jodhani 07/15/2022



#28 Decachlorobiphenyl

R.T.: 10.358 min  
Delta R.T.: -0.009 min  
Response: 28825085  
Conc: 17.18 ng/ml