

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD032824\  
 Data File : PD082233.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 28 Mar 2024 16:49  
 Operator : AR\AJ  
 Sample : P1830-07MS  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 ECD\_D  
 ClientSampleId :  
 VNJ-206MS

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 03/29/2024  
 Supervised By :Ankita Jodhani 03/29/2024

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Mar 29 01:33:39 2024  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD032224.M  
 Quant Title : GC Extractables  
 QLast Update : Fri Mar 22 16:01:04 2024  
 Response via : Initial Calibration  
 Integrator: ChemStation

Volume Inj. : 1 µl  
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

|                             | Compound        | RT#1  | RT#2  | Resp#1   | Resp#2   | ng/ml   | ng/ml  |
|-----------------------------|-----------------|-------|-------|----------|----------|---------|--------|
| -----                       |                 |       |       |          |          |         |        |
| System Monitoring Compounds |                 |       |       |          |          |         |        |
| 1)                          | SA Tetrachlo... | 3.566 | 2.778 | 30317894 | 60013009 | 21.164m | 24.419 |
| 28)                         | SA Decachlor... | 9.119 | 7.910 | 41758307 | 52373989 | 22.000  | 24.060 |
| Target Compounds            |                 |       |       |          |          |         |        |
| 2)                          | A alpha-BHC     | 4.024 | 3.278 | 142.9E6  | 251.9E6  | 57.529  | 67.153 |
| 3)                          | MA gamma-BHC... | 4.358 | 3.606 | 142.1E6  | 234.2E6  | 58.222  | 66.457 |
| 4)                          | MA Heptachlor   | 4.951 | 3.945 | 138.9E6  | 221.8E6  | 58.295  | 71.358 |
| 5)                          | MB Aldrin       | 5.294 | 4.225 | 133.5E6  | 220.0E6  | 54.551  | 64.948 |
| 6)                          | B beta-BHC      | 4.553 | 3.902 | 55549264 | 96896247 | 54.776  | 65.536 |
| 7)                          | B delta-BHC     | 4.802 | 4.131 | 143.3E6  | 225.2E6  | 61.962  | 65.779 |
| 8)                          | B Heptachlo...  | 5.721 | 4.726 | 126.3E6  | 194.9E6  | 56.200  | 66.653 |
| 9)                          | A Endosulfan I  | 6.109 | 5.096 | 116.6E6  | 182.2E6  | 55.612  | 67.513 |
| 10)                         | B gamma-Chl...  | 5.978 | 4.976 | 127.7E6  | 201.2E6  | 57.778  | 68.832 |
| 11)                         | B alpha-Chl...  | 6.057 | 5.040 | 123.9E6  | 198.4E6  | 56.381  | 67.449 |
| 12)                         | B 4,4'-DDE      | 6.230 | 5.229 | 117.8E6  | 181.4E6  | 55.867  | 68.772 |
| 13)                         | MA Dieldrin     | 6.384 | 5.360 | 124.9E6  | 195.6E6  | 57.603  | 68.610 |
| 14)                         | MA Endrin       | 6.615 | 5.635 | 102.0E6  | 172.0E6  | 57.177  | 70.873 |
| 15)                         | B Endosulfa...  | 6.834 | 5.928 | 103.5E6  | 166.6E6  | 56.239  | 68.867 |
| 16)                         | A 4,4'-DDD      | 6.748 | 5.782 | 89168063 | 142.6E6  | 58.111  | 68.206 |
| 17)                         | MA 4,4'-DDT     | 7.063 | 6.033 | 96477818 | 147.8E6  | 60.544  | 70.228 |
| 18)                         | B Endrin al...  | 6.964 | 6.107 | 76384281 | 120.0E6  | 55.181  | 65.371 |
| 19)                         | B Endosulfa...  | 7.199 | 6.330 | 95811393 | 155.2E6  | 56.504  | 67.086 |
| 20)                         | A Methoxychlor  | 7.538 | 6.608 | 48101133 | 71557734 | 54.183  | 62.635 |
| 21)                         | B Endrin ke...  | 7.686 | 6.836 | 102.2E6  | 174.8E6  | 56.553  | 65.830 |
| 22)                         | Mirex           | 8.162 | 7.018 | 78125569 | 135.7E6  | 54.711  | 64.704 |
| -----                       |                 |       |       |          |          |         |        |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Data\PD032824\  
Data File : PD082233.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 28 Mar 2024 16:49  
Operator : AR\AJ  
Sample : P1830-07MS  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

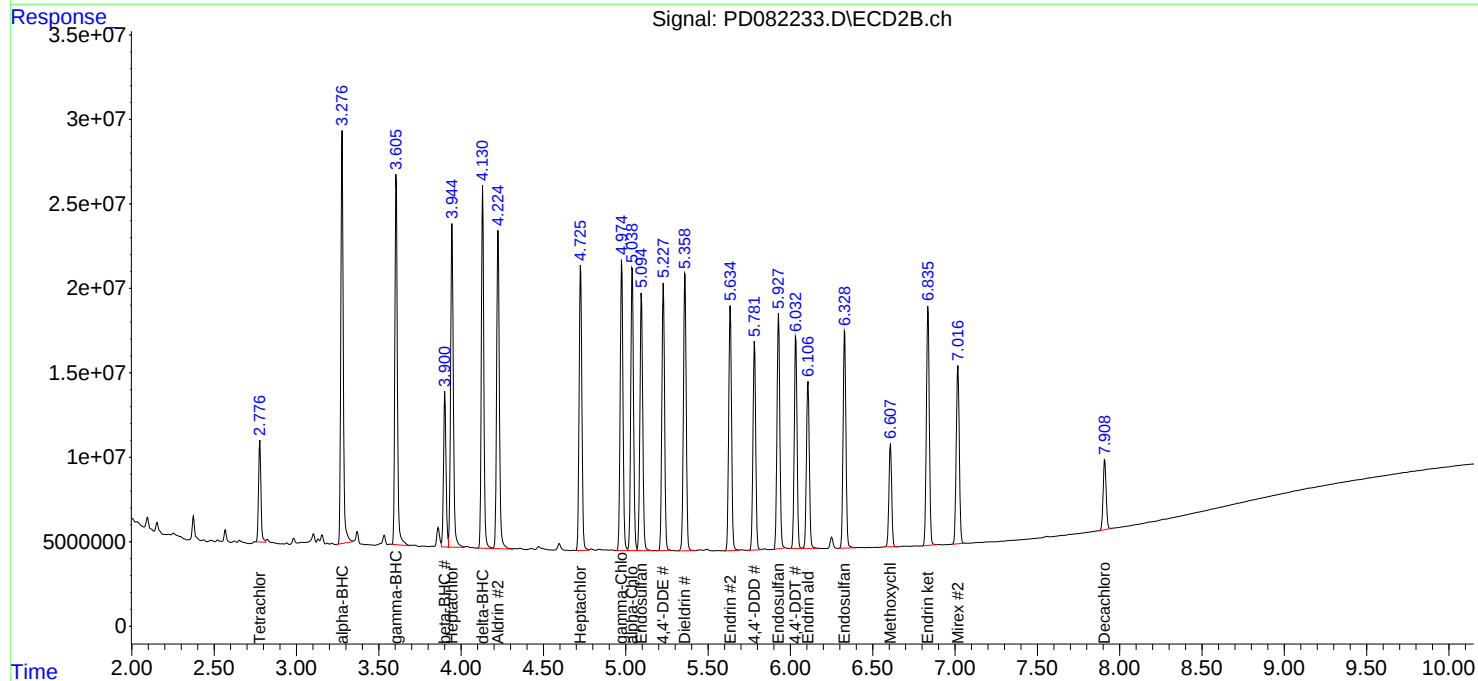
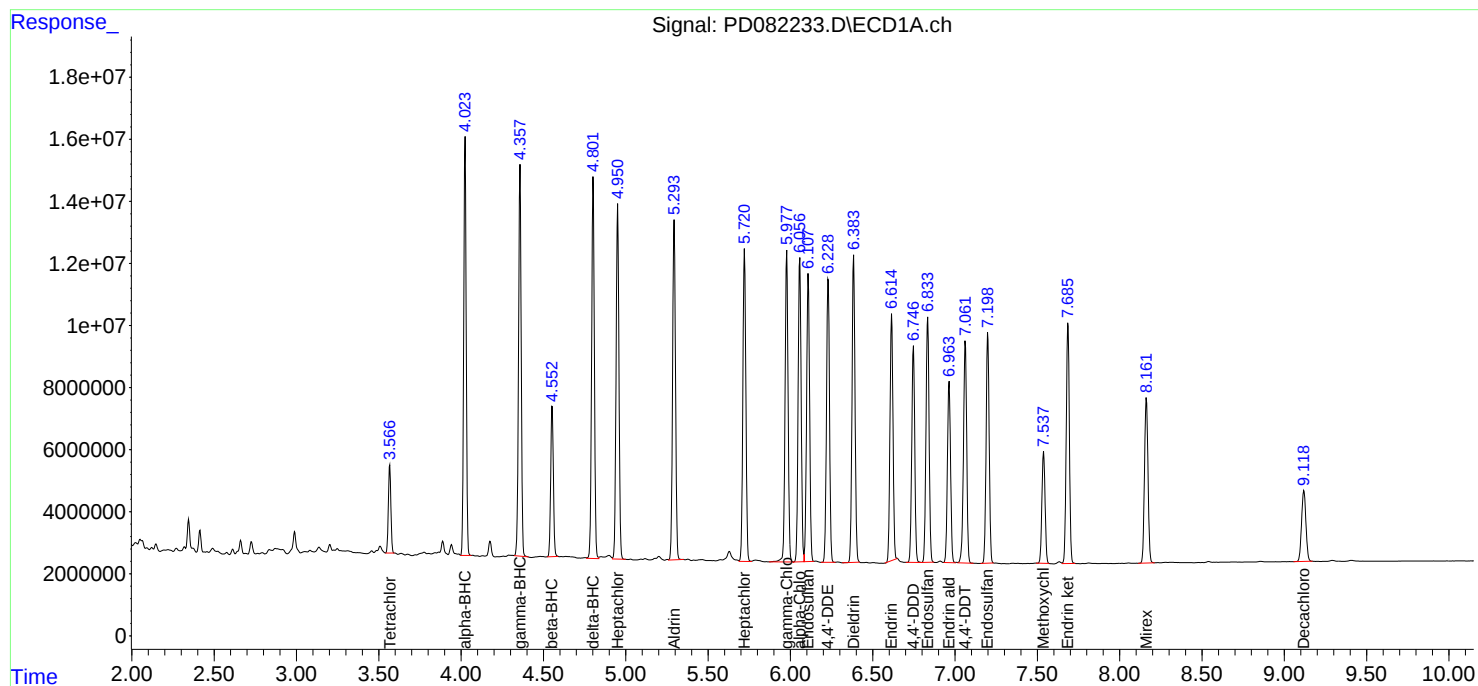
Instrument :  
ECD\_D  
ClientSampleId :  
VNJ-206MS

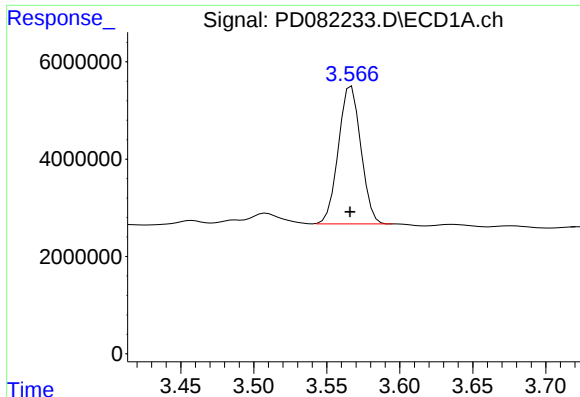
Manual Integrations  
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Supervised By :Ankita Jodhani 03/29/2024

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Mar 29 01:33:39 2024  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_D\Method\PD032224.M  
Quant Title : GC Extractables  
QLast Update : Fri Mar 22 16:01:04 2024  
Response via : Initial Calibration  
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Volume Inj. : 1 µl  
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2  
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





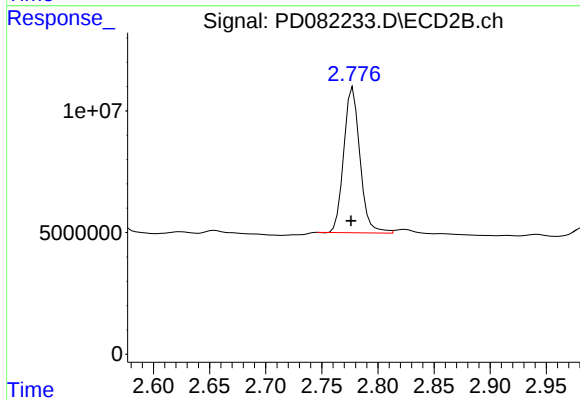
#1 Tetrachloro-m-xylene

R.T.: 3.566 min  
Delta R.T.: 0.000 min  
Response: 30317894  
Conc: 21.16 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
VNJ-206MS

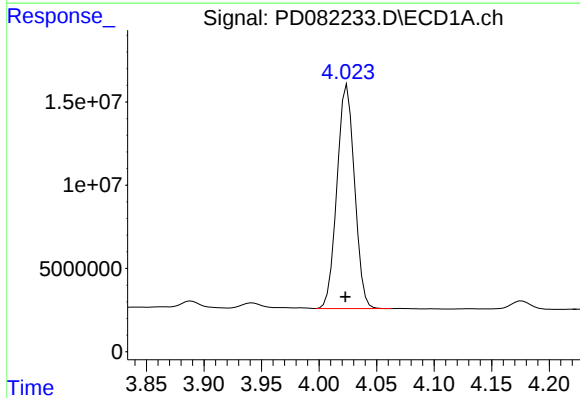
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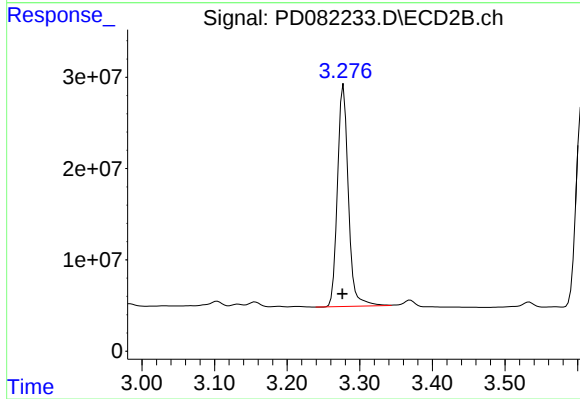
#1 Tetrachloro-m-xylene

R.T.: 2.778 min  
Delta R.T.: 0.002 min  
Response: 60013009  
Conc: 24.42 ng/ml



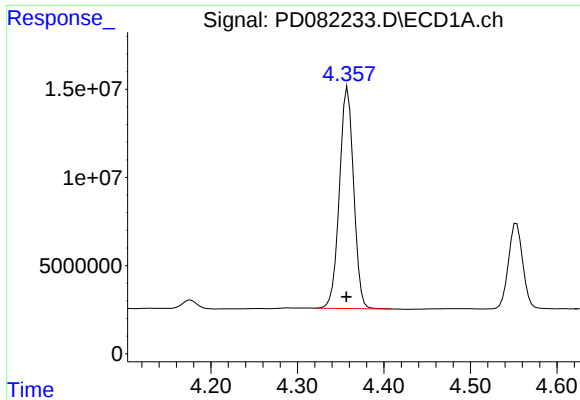
#2 alpha-BHC

R.T.: 4.024 min  
Delta R.T.: 0.002 min  
Response: 142939680  
Conc: 57.53 ng/ml



#2 alpha-BHC

R.T.: 3.278 min  
Delta R.T.: 0.002 min  
Response: 251941999  
Conc: 67.15 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.358 min  
Delta R.T.: 0.001 min  
Response: 142078804  
Conc: 58.22 ng/ml

Instrument :

ECD\_D

ClientSampleId :

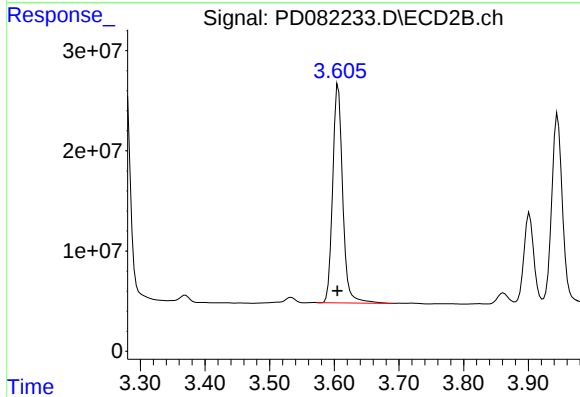
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Manual Integrations

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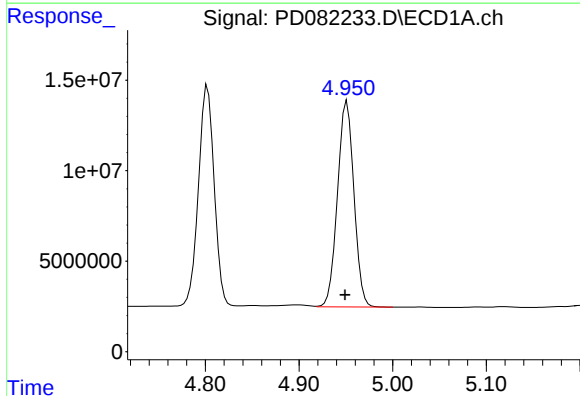
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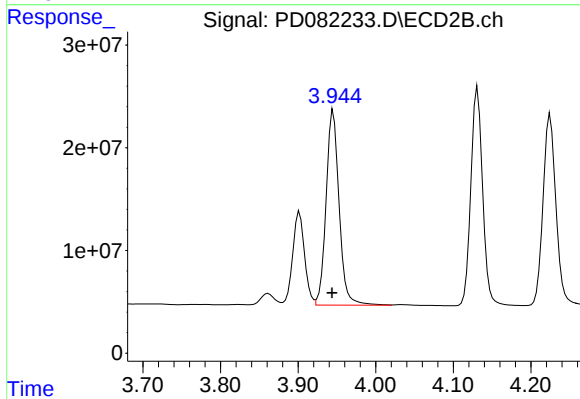
#3 gamma-BHC (Lindane)

R.T.: 3.606 min  
Delta R.T.: 0.001 min  
Response: 234223572  
Conc: 66.46 ng/ml



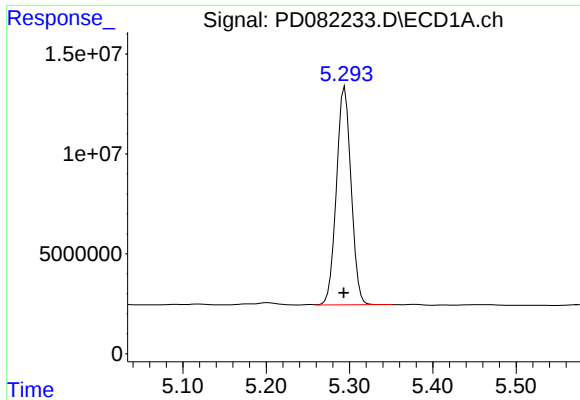
#4 Heptachlor

R.T.: 4.951 min  
Delta R.T.: 0.002 min  
Response: 138858307  
Conc: 58.30 ng/ml



#4 Heptachlor

R.T.: 3.945 min  
Delta R.T.: 0.002 min  
Response: 221840428  
Conc: 71.36 ng/ml



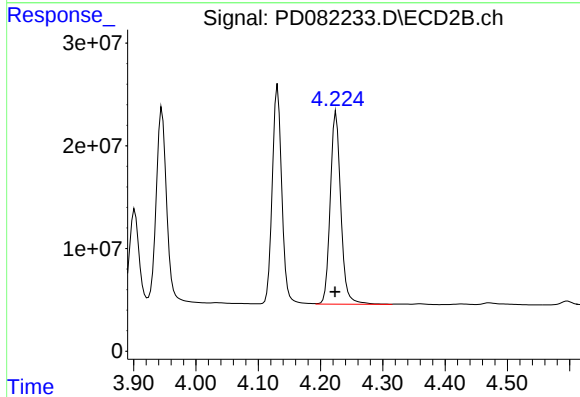
#5 Aldrin

R.T.: 5.294 min  
Delta R.T.: 0.001 min  
Response: 133543281  
Conc: 54.55 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
VNJ-206MS

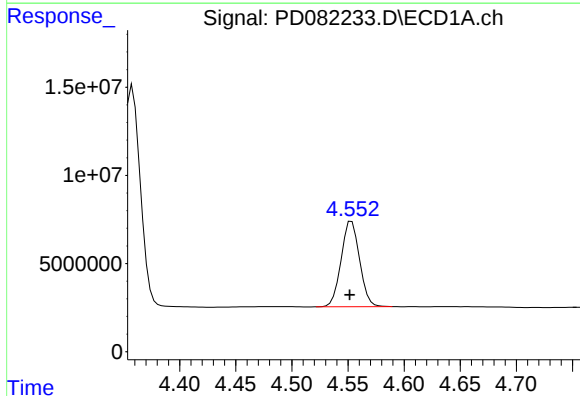
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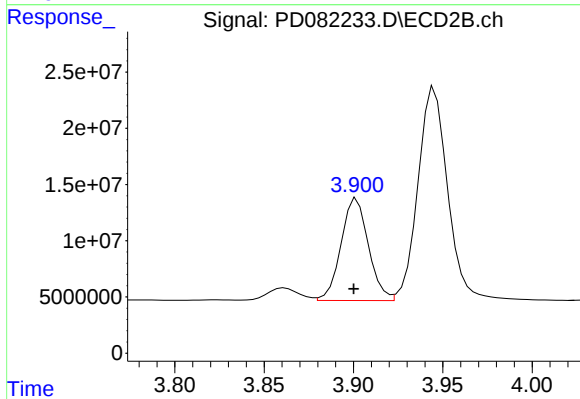
#5 Aldrin

R.T.: 4.225 min  
Delta R.T.: 0.001 min  
Response: 220042713  
Conc: 64.95 ng/ml



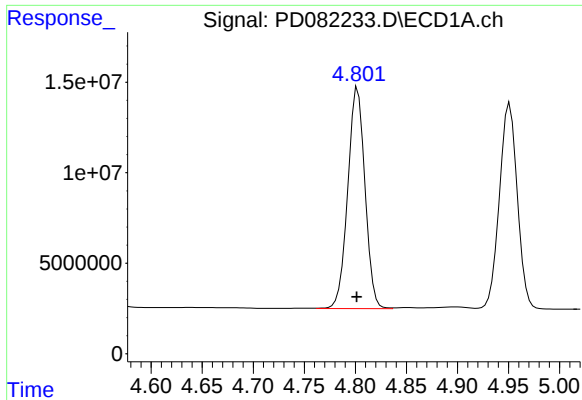
#6 beta-BHC

R.T.: 4.553 min  
Delta R.T.: 0.002 min  
Response: 55549264  
Conc: 54.78 ng/ml



#6 beta-BHC

R.T.: 3.902 min  
Delta R.T.: 0.002 min  
Response: 96896247  
Conc: 65.54 ng/ml



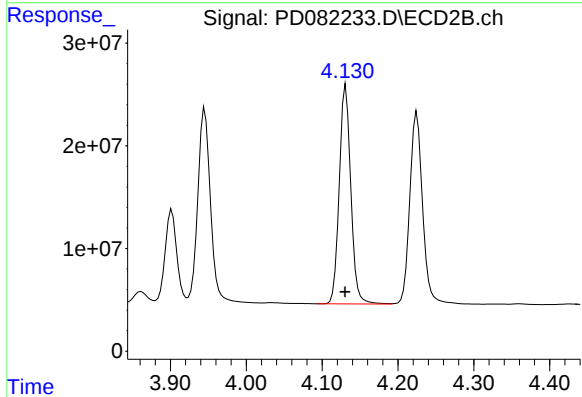
#7 delta-BHC

R.T.: 4.802 min  
Delta R.T.: 0.001 min  
Response: 143303775  
Conc: 61.96 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
VNJ-206MS

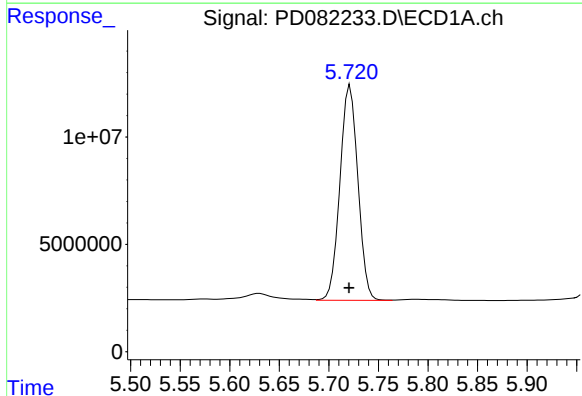
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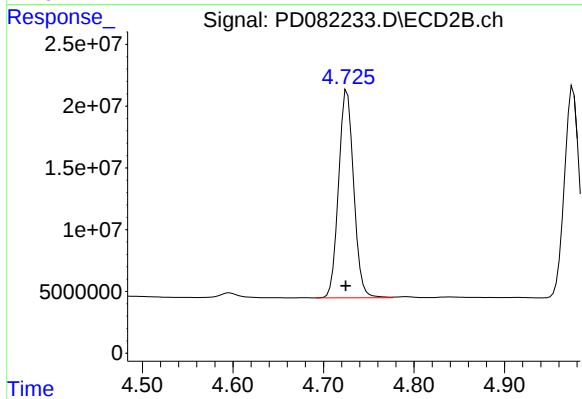
#7 delta-BHC

R.T.: 4.131 min  
Delta R.T.: 0.001 min  
Response: 225153641  
Conc: 65.78 ng/ml



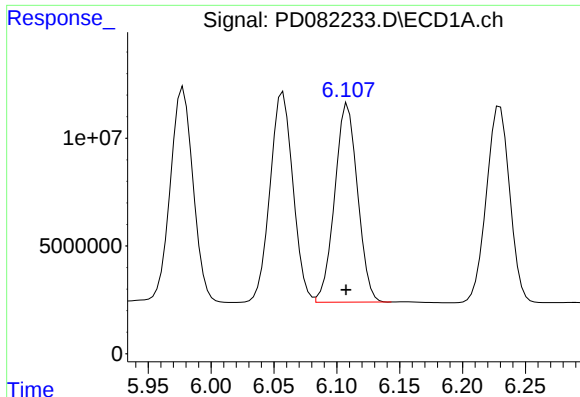
#8 Heptachlor epoxide

R.T.: 5.721 min  
Delta R.T.: 0.001 min  
Response: 126267882  
Conc: 56.20 ng/ml



#8 Heptachlor epoxide

R.T.: 4.726 min  
Delta R.T.: 0.001 min  
Response: 194867937  
Conc: 66.65 ng/ml



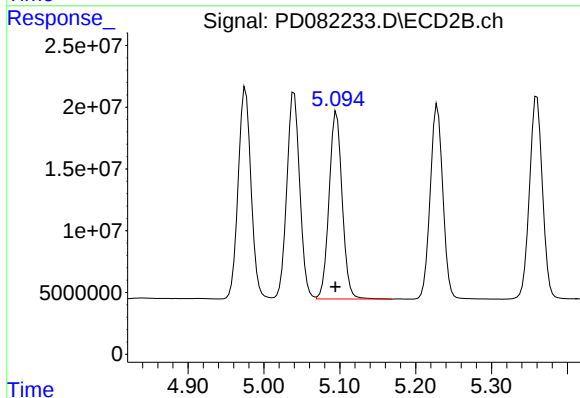
#9 Endosulfan I

R.T.: 6.109 min  
Delta R.T.: 0.001 min  
Response: 116583858  
Conc: 55.61 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
VNJ-206MS

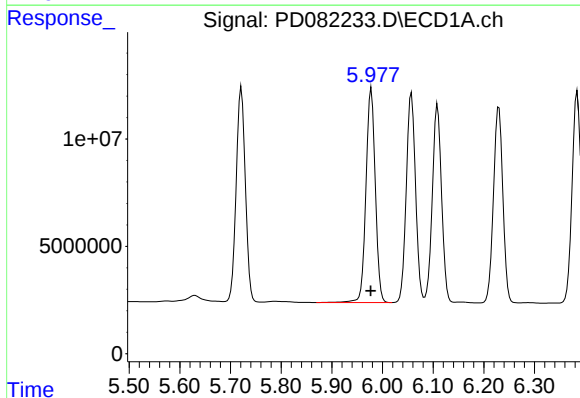
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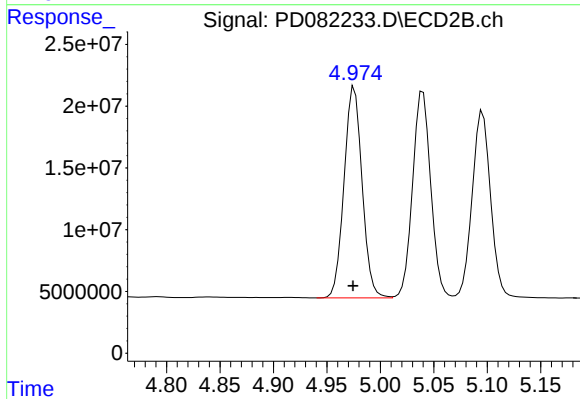
#9 Endosulfan I

R.T.: 5.096 min  
Delta R.T.: 0.001 min  
Response: 182178477  
Conc: 67.51 ng/ml



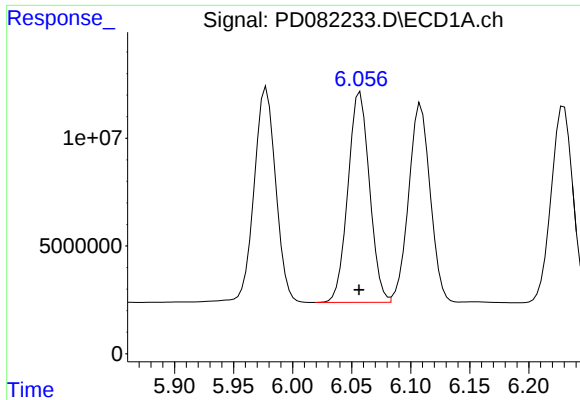
#10 gamma-Chlordane

R.T.: 5.978 min  
Delta R.T.: 0.001 min  
Response: 127692917  
Conc: 57.78 ng/ml



#10 gamma-Chlordane

R.T.: 4.976 min  
Delta R.T.: 0.001 min  
Response: 201150985  
Conc: 68.83 ng/ml



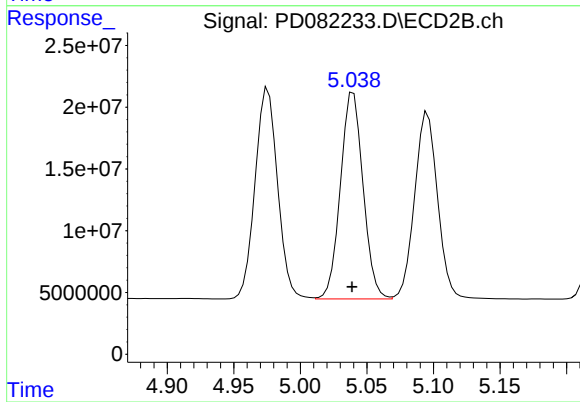
#11 alpha-Chlordane

R.T.: 6.057 min  
Delta R.T.: 0.000 min  
Response: 123858137  
Conc: 56.38 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
VNJ-206MS

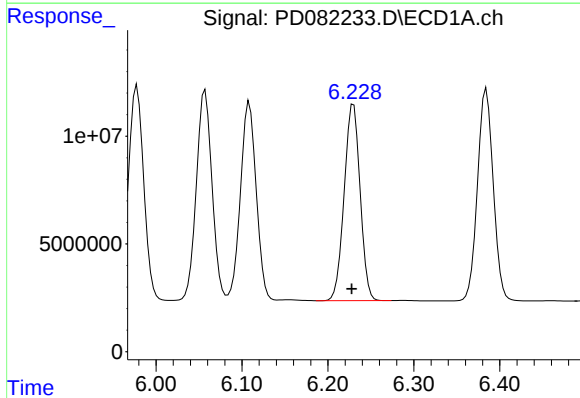
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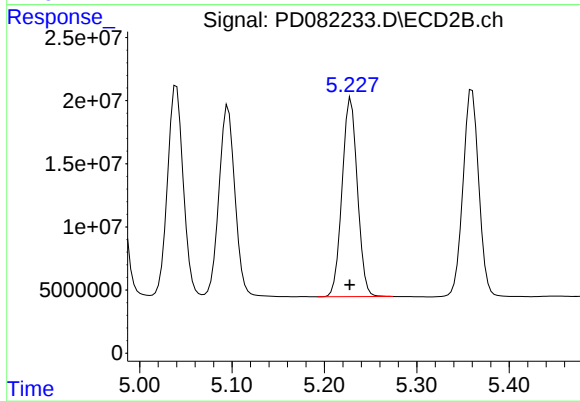
#11 alpha-Chlordane

R.T.: 5.040 min  
Delta R.T.: 0.000 min  
Response: 198434992  
Conc: 67.45 ng/ml



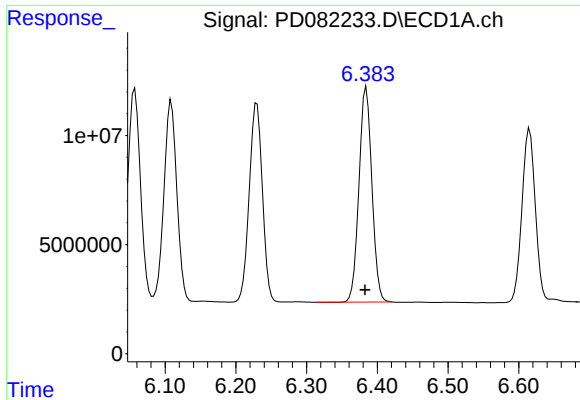
#12 4,4'-DDE

R.T.: 6.230 min  
Delta R.T.: 0.002 min  
Response: 117815886  
Conc: 55.87 ng/ml



#12 4,4'-DDE

R.T.: 5.229 min  
Delta R.T.: 0.001 min  
Response: 181414094  
Conc: 68.77 ng/ml



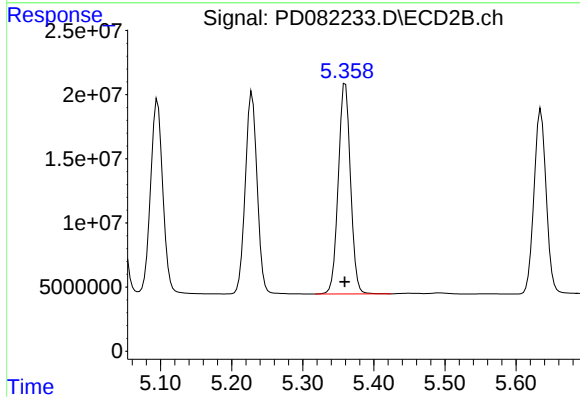
#13 Dieldrin

R.T.: 6.384 min  
Delta R.T.: 0.002 min  
Response: 124887269  
Conc: 57.60 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
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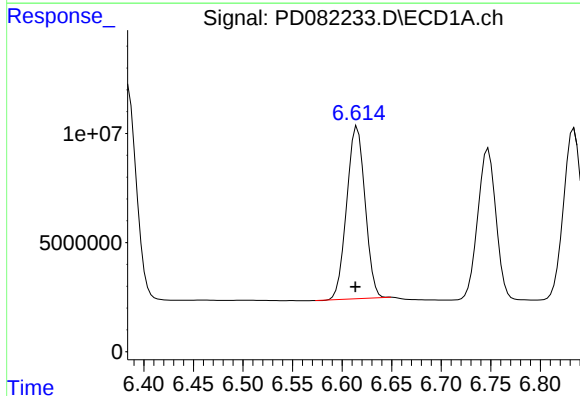
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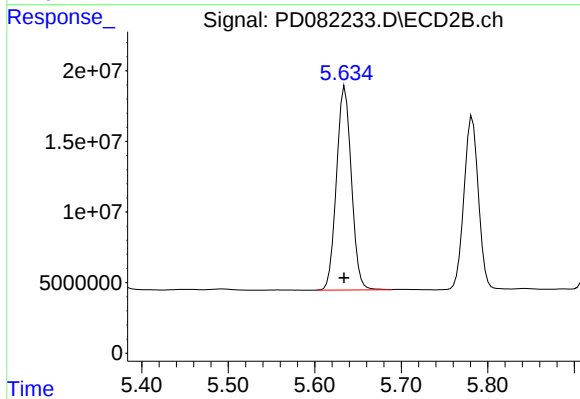
#13 Dieldrin

R.T.: 5.360 min  
Delta R.T.: 0.001 min  
Response: 195627449  
Conc: 68.61 ng/ml



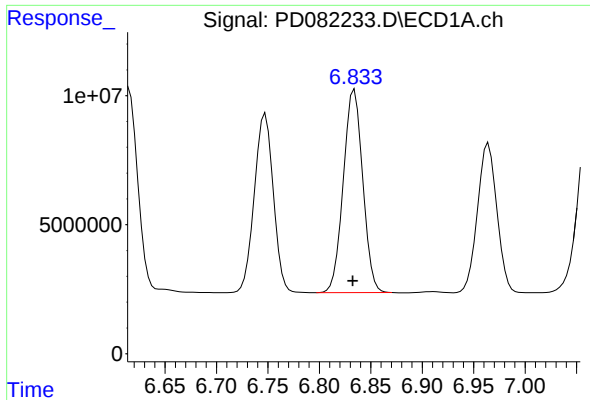
#14 Endrin

R.T.: 6.615 min  
Delta R.T.: 0.002 min  
Response: 102020962  
Conc: 57.18 ng/ml



#14 Endrin

R.T.: 5.635 min  
Delta R.T.: 0.001 min  
Response: 171976849  
Conc: 70.87 ng/ml



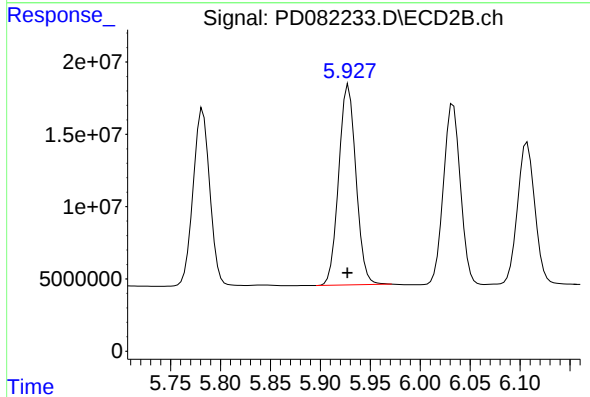
#15 Endosulfan II

R.T.: 6.834 min  
Delta R.T.: 0.002 min  
Response: 103463861  
Conc: 56.24 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
VNJ-206MS

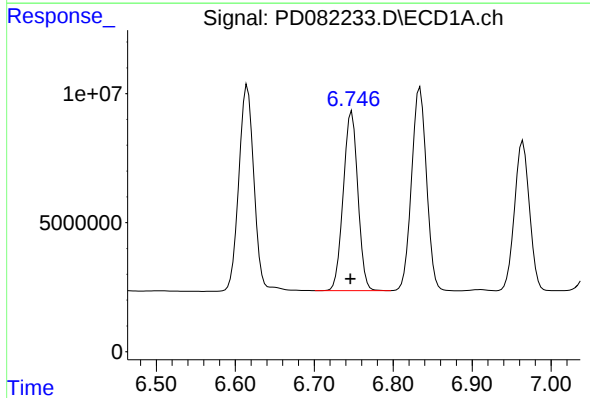
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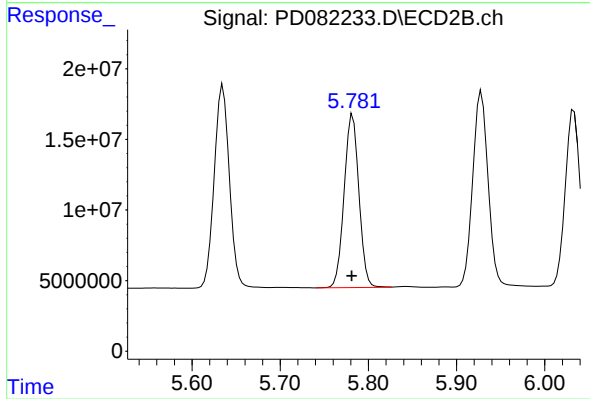
#15 Endosulfan II

R.T.: 5.928 min  
Delta R.T.: 0.001 min  
Response: 166562490  
Conc: 68.87 ng/ml



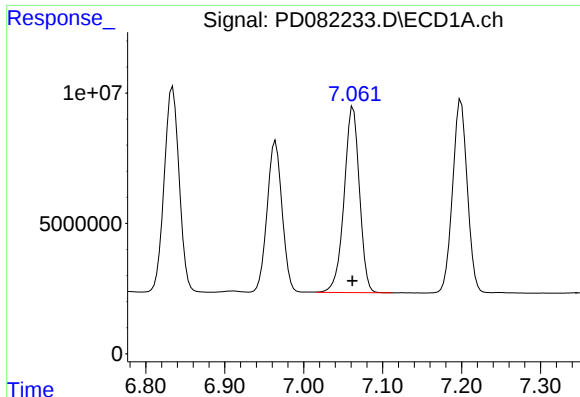
#16 4,4'-DDD

R.T.: 6.748 min  
Delta R.T.: 0.002 min  
Response: 89168063  
Conc: 58.11 ng/ml



#16 4,4'-DDD

R.T.: 5.782 min  
Delta R.T.: 0.001 min  
Response: 142628014  
Conc: 68.21 ng/ml



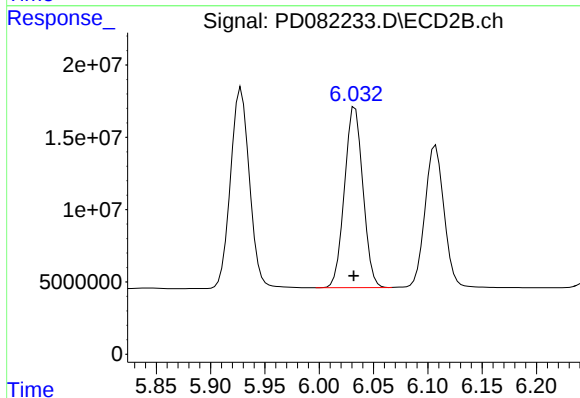
#17 4,4'-DDT

R.T.: 7.063 min  
Delta R.T.: 0.001 min  
Response: 96477818  
Conc: 60.54 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
VNJ-206MS

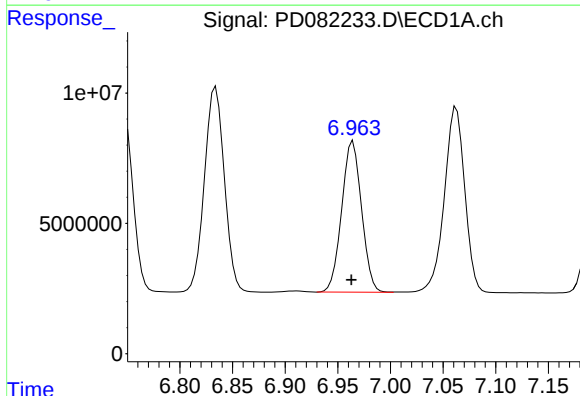
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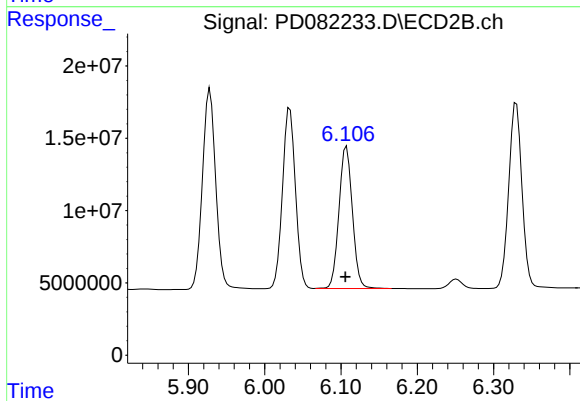
#17 4,4'-DDT

R.T.: 6.033 min  
Delta R.T.: 0.001 min  
Response: 147777168  
Conc: 70.23 ng/ml



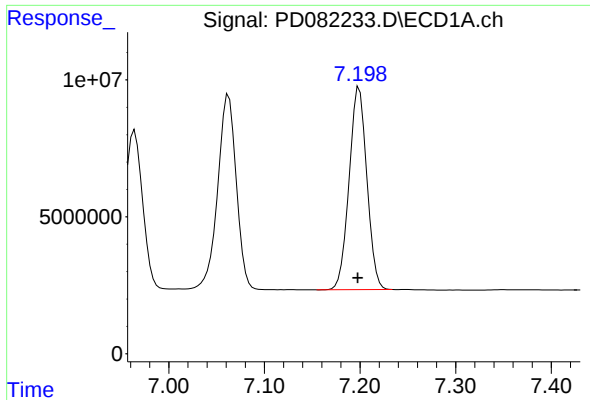
#18 Endrin aldehyde

R.T.: 6.964 min  
Delta R.T.: 0.001 min  
Response: 76384281  
Conc: 55.18 ng/ml



#18 Endrin aldehyde

R.T.: 6.107 min  
Delta R.T.: 0.001 min  
Response: 119957314  
Conc: 65.37 ng/ml



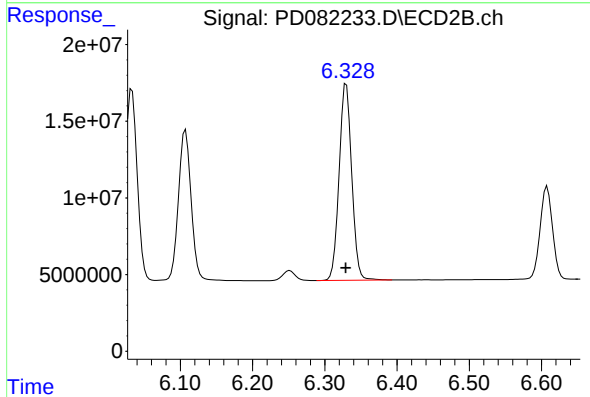
#19 Endosulfan Sulfate

R.T.: 7.199 min  
Delta R.T.: 0.002 min  
Response: 95811393  
Conc: 56.50 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
VNJ-206MS

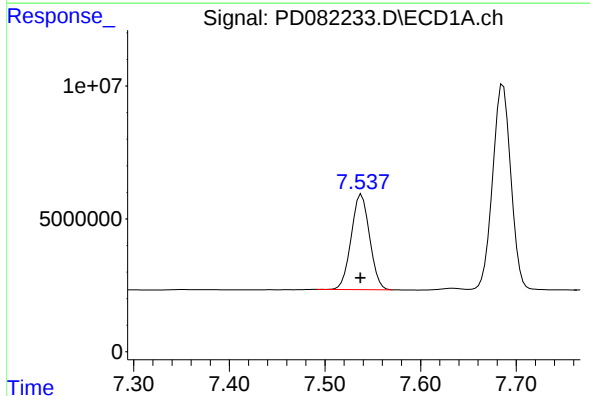
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Reviewed By :Abdul Mirza 03/29/2024  
Supervised By :Ankita Jodhani 03/29/2024



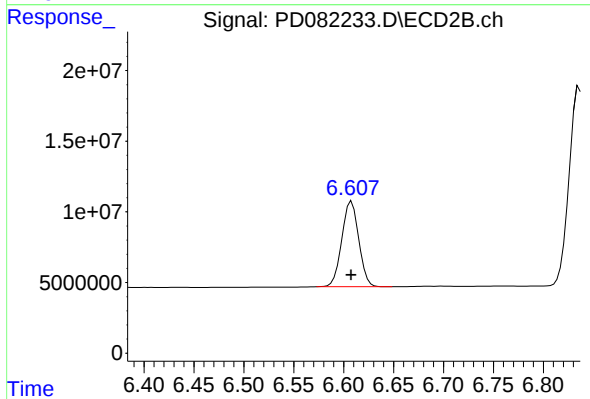
#19 Endosulfan Sulfate

R.T.: 6.330 min  
Delta R.T.: 0.000 min  
Response: 155216294  
Conc: 67.09 ng/ml



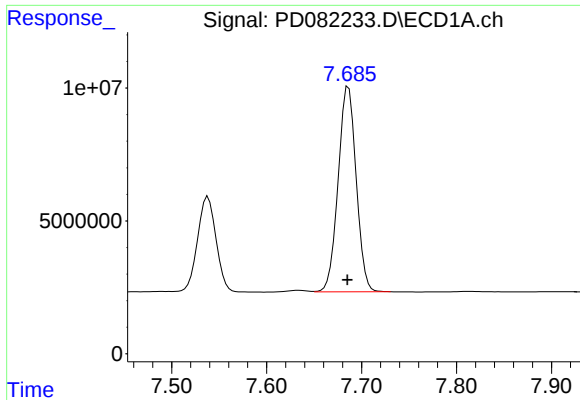
#20 Methoxychlor

R.T.: 7.538 min  
Delta R.T.: 0.001 min  
Response: 48101133  
Conc: 54.18 ng/ml



#20 Methoxychlor

R.T.: 6.608 min  
Delta R.T.: 0.000 min  
Response: 71557734  
Conc: 62.63 ng/ml



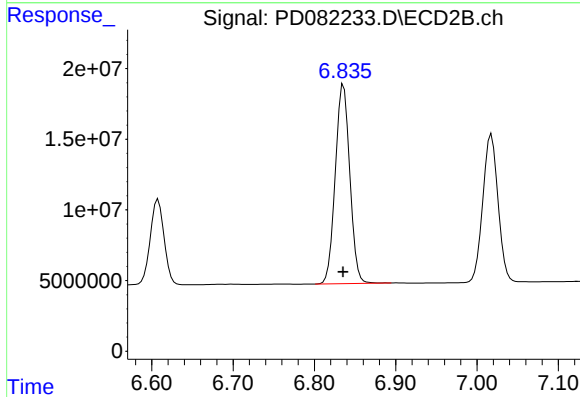
#21 Endrin ketone

R.T.: 7.686 min  
Delta R.T.: 0.001 min  
Response: 102232629  
Conc: 56.55 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
VNJ-206MS

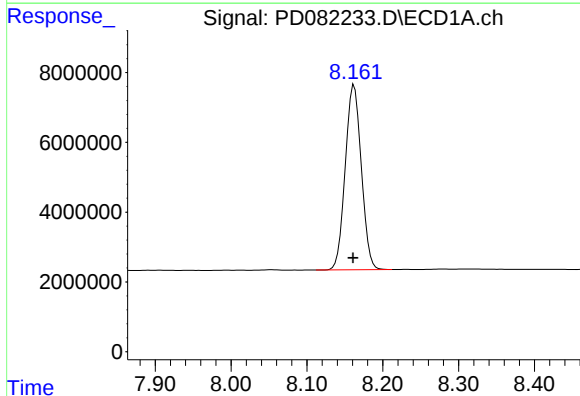
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 03/29/2024  
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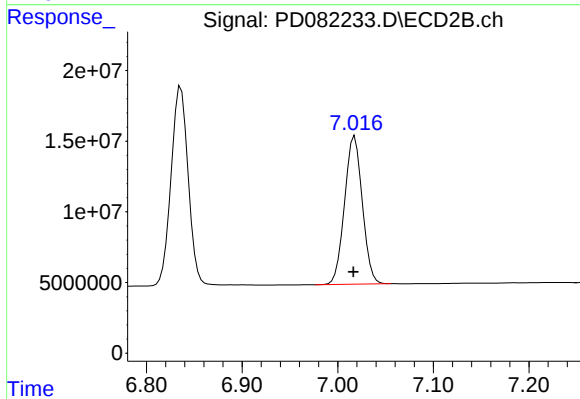
#21 Endrin ketone

R.T.: 6.836 min  
Delta R.T.: 0.000 min  
Response: 174775003  
Conc: 65.83 ng/ml



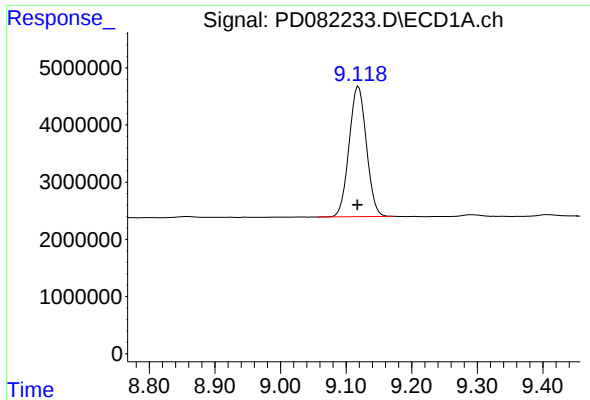
#22 Mirex

R.T.: 8.162 min  
Delta R.T.: 0.001 min  
Response: 78125569  
Conc: 54.71 ng/ml



#22 Mirex

R.T.: 7.018 min  
Delta R.T.: 0.001 min  
Response: 135700448  
Conc: 64.70 ng/ml



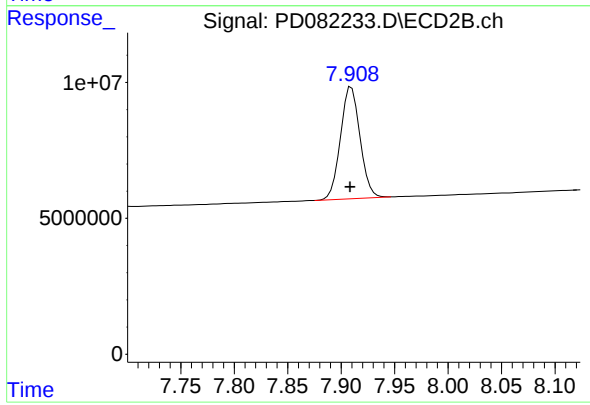
#28 Decachlorobiphenyl

R.T.: 9.119 min  
Delta R.T.: 0.002 min  
Response: 41758307  
Conc: 22.00 ng/ml

Instrument :  
ECD\_D  
ClientSampleId :  
VNJ-206MS

Manual Integrations  
APPROVED

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Supervised By :Ankita Jodhani 03/29/2024



#28 Decachlorobiphenyl

R.T.: 7.910 min  
Delta R.T.: 0.001 min  
Response: 52373989  
Conc: 24.06 ng/ml