

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL052722\  
 Data File : PL075131.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 May 2022 19:07  
 Operator : AR\AJ  
 Sample : N2896-06MSD 10X  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 P038-SS001-0006-01MSD 10X

Manual Integrations  
 APPROVED

Reviewed By :Abdul Mirza 05/31/2022  
 Supervised By :Ankita Jodhani 05/31/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 28 02:48:20 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL051122.M  
 Quant Title : GC Extractables  
 QLast Update : Sat May 14 02:37:15 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... | 5.644  | 4.644  | 1297062 | 3618943  | 2.555  | 2.637   |
| 28)                         | SA Decachlor... | 11.639 | 10.392 | 1457529 | 2627158  | 3.264  | 2.560   |
| Target Compounds            |                 |        |        |         |          |        |         |
| 2)                          | A alpha-BHC     | 6.227  | 5.344  | 4008152 | 11649427 | 5.859  | 6.922m  |
| 3)                          | MA gamma-BHC... | 6.626  | 5.765  | 3961433 | 11591966 | 6.137  | 7.015m  |
| 4)                          | MA Heptachlor   | 7.280  | 6.176  | 4317605 | 11665400 | 6.690m | 7.685   |
| 5)                          | MB Aldrin       | 7.654  | 6.499  | 3872235 | 11178340 | 6.251  | 7.450   |
| 6)                          | B beta-BHC      | 6.877  | 6.144  | 1895630 | 5640881  | 6.351  | 7.105   |
| 7)                          | B delta-BHC     | 7.147  | 6.404  | 3636224 | 11148264 | 5.799  | 7.129   |
| 8)                          | B Heptachlo...  | 8.121  | 7.073  | 3870120 | 10393410 | 6.805m | 7.468   |
| 9)                          | A Endosulfan I  | 8.531  | 7.475  | 3278002 | 9529280  | 5.686  | 7.616 # |
| 10)                         | B gamma-Chl...  | 8.393  | 7.350  | 3995543 | 10709956 | 7.725  | 7.728   |
| 11)                         | B alpha-Chl...  | 8.474  | 7.419  | 3594454 | 10685501 | 5.888  | 7.904 # |
| 12)                         | B 4,4'-DDE      | 8.660  | 7.629f | 2911536 | 8715001  | 6.289  | 7.406m  |
| 13)                         | MA Dieldrin     | 8.822  | 7.759f | 3369131 | 9820198  | 6.410  | 7.709m  |
| 14)                         | MA Endrin       | 9.062  | 8.051  | 2791167 | 8743139  | 6.764  | 8.277   |
| 15)                         | B Endosulfa...  | 9.296  | 8.360  | 3223524 | 8340409  | 7.333  | 7.383   |
| 16)                         | A 4,4'-DDD      | 9.202  | 8.214  | 2775781 | 6918038  | 6.139  | 7.022   |
| 17)                         | MA 4,4'-DDT     | 9.522  | 8.473f | 3032172 | 7626178  | 6.597  | 7.622m  |
| 18)                         | B Endrin al...  | 9.431  | 8.547f | 2646953 | 7519701  | 7.479  | 9.415m# |
| 19)                         | B Endosulfa...  | 9.669  | 8.777f | 3425807 | 8338253  | 7.580  | 7.660m  |
| 20)                         | A Methoxychlor  | 10.006 | 9.067  | 1500863 | 4777149  | 6.128  | 8.175m# |
| 21)                         | B Endrin ke...  | 10.171 | 9.296  | 3219665 | 7877383  | 6.278  | 7.066m  |
| 22)                         | Mirex           | 10.644 | 9.484f | 2737006 | 7109664  | 6.783m | 7.340m  |
| -----                       |                 |        |        |         |          |        |         |

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL052722\  
 Data File : PL075131.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 27 May 2022 19:07  
 Operator : AR\AJ  
 Sample : N2896-06MSD 10X  
 Misc :  
 ALS Vial : 26 Sample Multiplier: 1

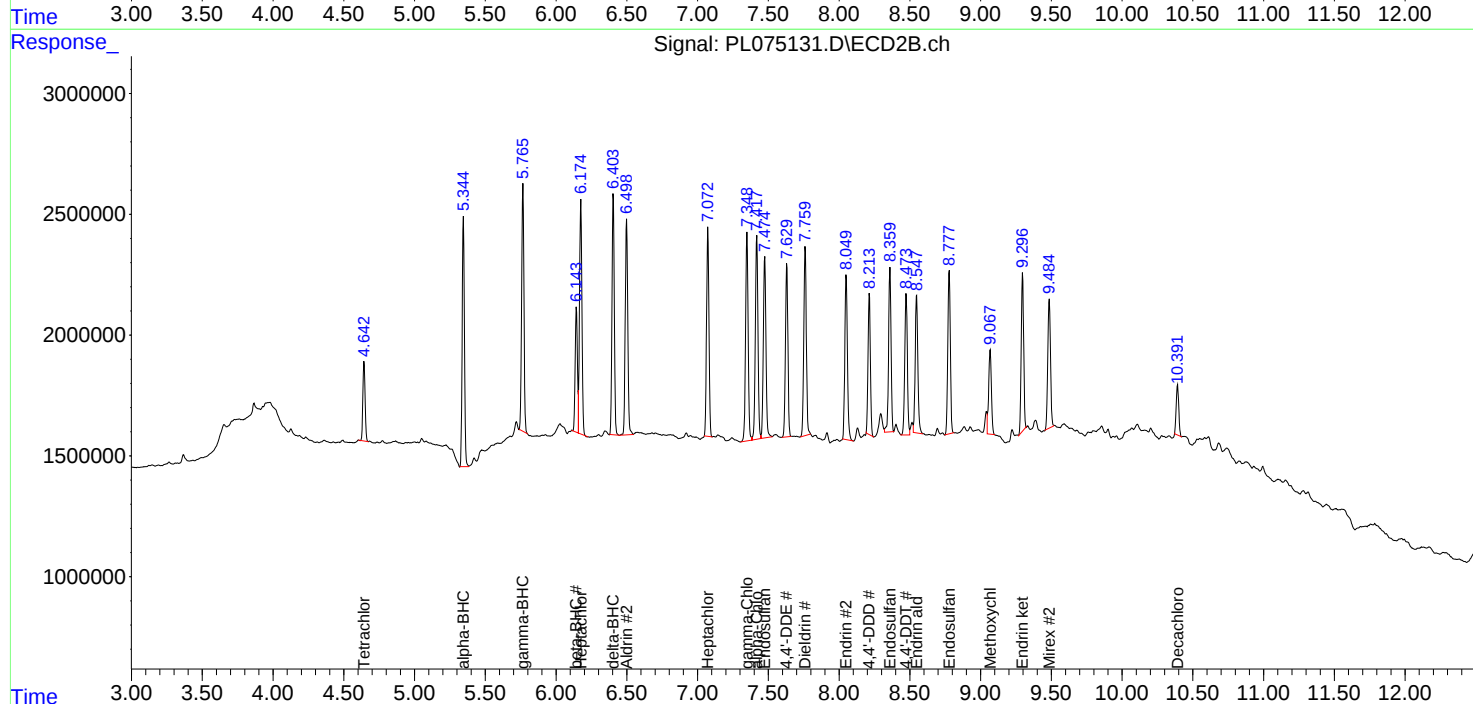
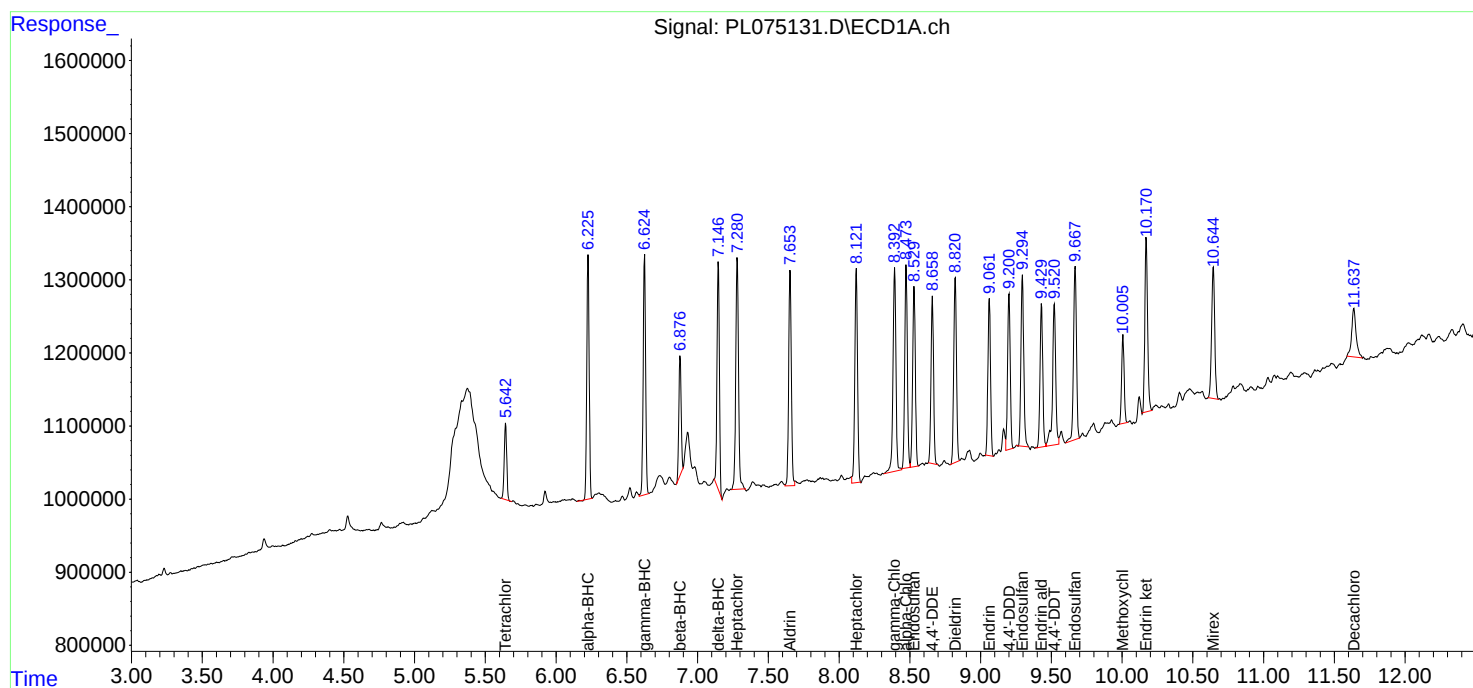
Instrument :  
 ECD\_L  
 ClientSampleId :  
 P038-SS001-0006-01MSD 10X

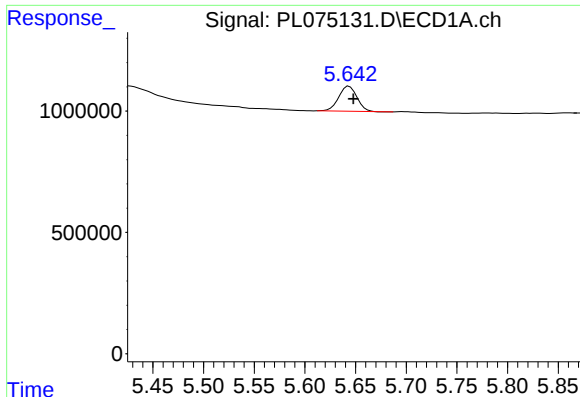
### Manual Integrations APPROVED

Reviewed By : Abdul Mirza 05/31/2022  
 Supervised By : Ankita Jodhani 05/31/2022

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: May 28 02:48:20 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL051122.M  
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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





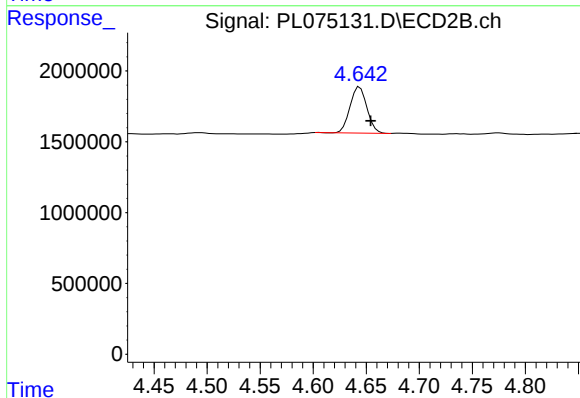
#1 Tetrachloro-m-xylene

R.T.: 5.644 min  
Delta R.T.: -0.004 min  
Response: 1297062  
Conc: 2.55 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
P038-SS001-0006-01MSD 10X

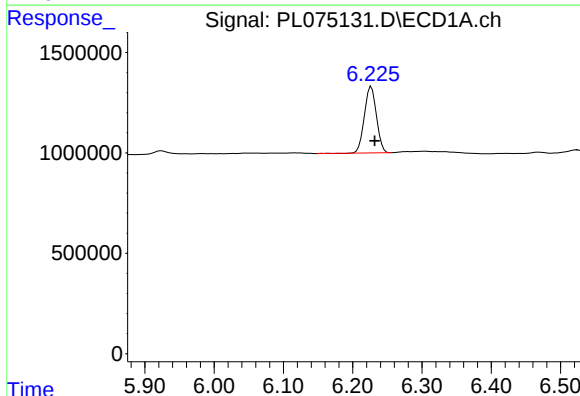
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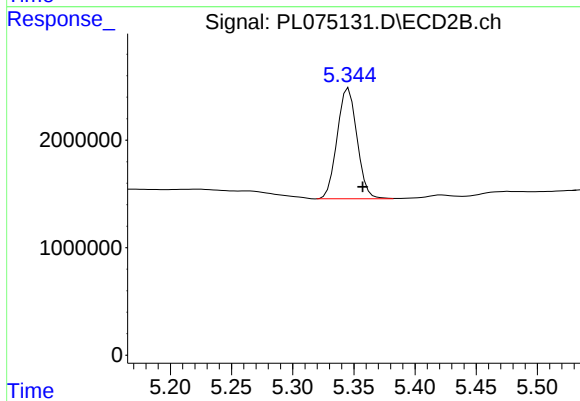
#1 Tetrachloro-m-xylene

R.T.: 4.644 min  
Delta R.T.: -0.011 min  
Response: 3618943  
Conc: 2.64 ng/ml



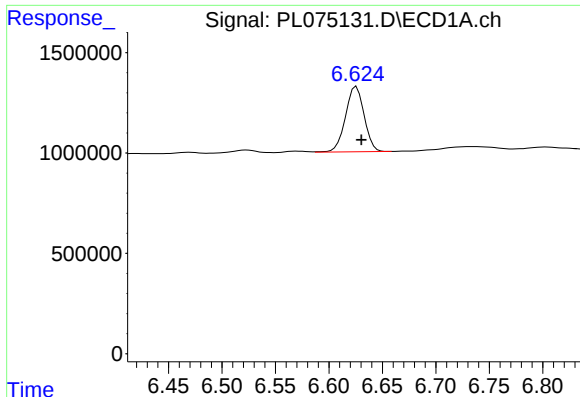
#2 alpha-BHC

R.T.: 6.227 min  
Delta R.T.: -0.005 min  
Response: 4008152  
Conc: 5.86 ng/ml



#2 alpha-BHC

R.T.: 5.344 min  
Delta R.T.: -0.013 min  
Response: 11649427  
Conc: 6.92 ng/ml m



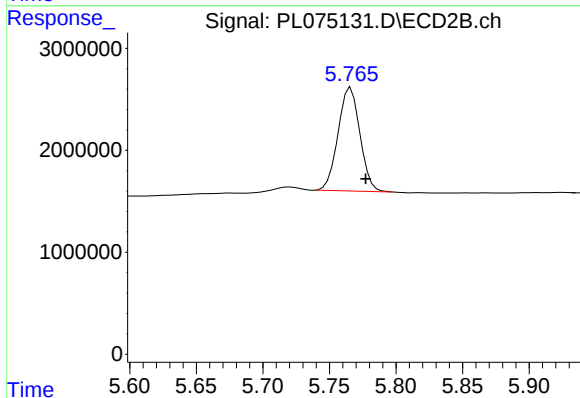
#3 gamma-BHC (Lindane)

R.T.: 6.626 min  
Delta R.T.: -0.005 min  
Response: 3961433  
Conc: 6.14 ng/ml

Instrument :  
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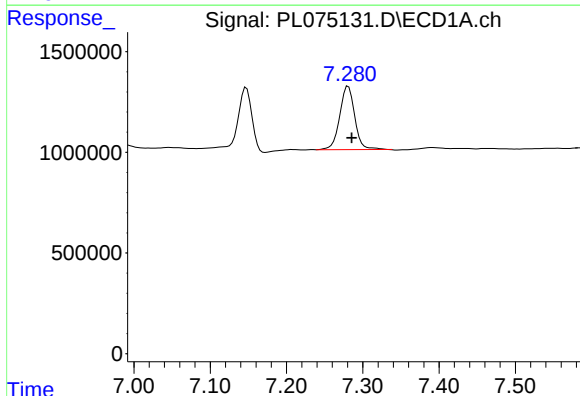
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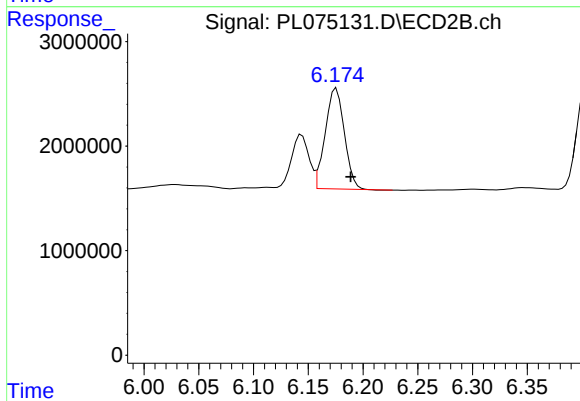
#3 gamma-BHC (Lindane)

R.T.: 5.765 min  
Delta R.T.: -0.013 min  
Response: 11591966  
Conc: 7.02 ng/ml m



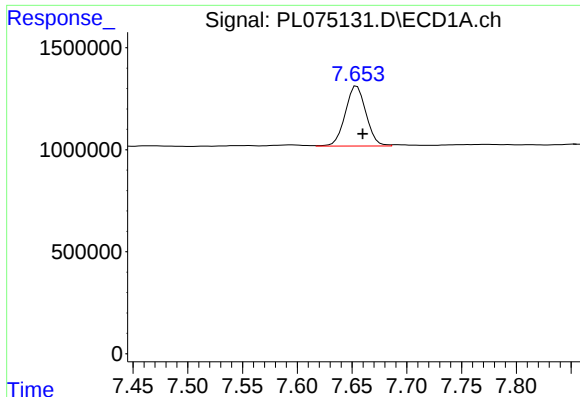
#4 Heptachlor

R.T.: 7.280 min  
Delta R.T.: -0.006 min  
Response: 4317605  
Conc: 6.69 ng/ml m



#4 Heptachlor

R.T.: 6.176 min  
Delta R.T.: -0.013 min  
Response: 11665400  
Conc: 7.69 ng/ml



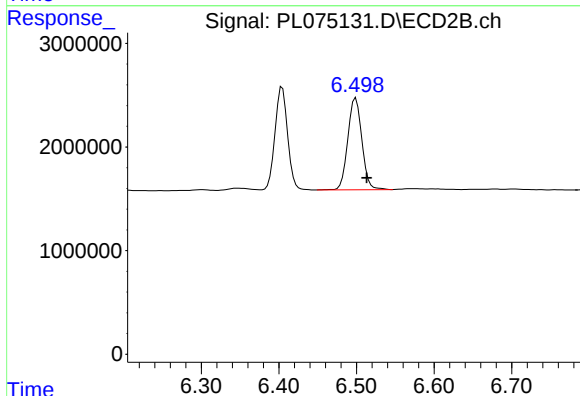
#5 Aldrin

R.T.: 7.654 min  
Delta R.T.: -0.005 min  
Response: 3872235  
Conc: 6.25 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
P038-SS001-0006-01MSD 10X

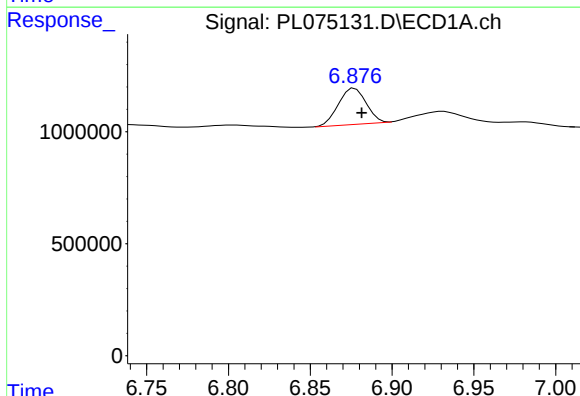
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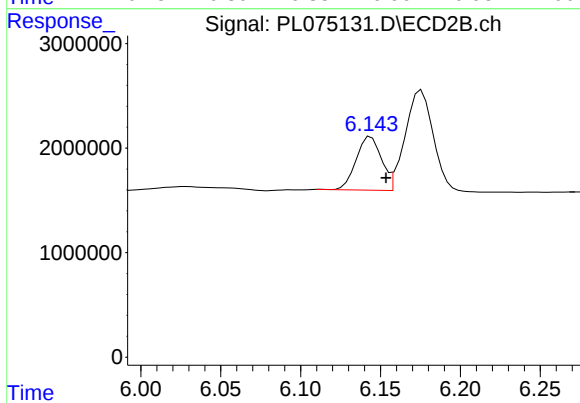
#5 Aldrin

R.T.: 6.499 min  
Delta R.T.: -0.014 min  
Response: 11178340  
Conc: 7.45 ng/ml



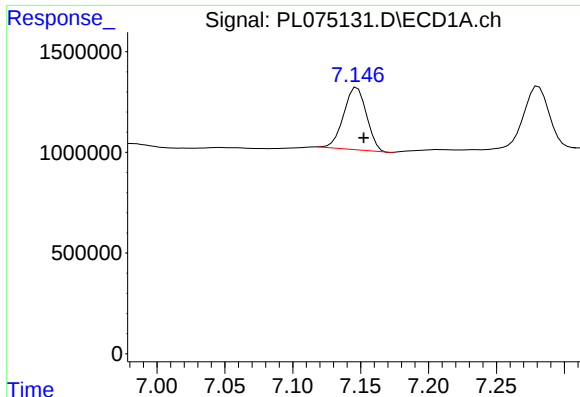
#6 beta-BHC

R.T.: 6.877 min  
Delta R.T.: -0.004 min  
Response: 1895630  
Conc: 6.35 ng/ml



#6 beta-BHC

R.T.: 6.144 min  
Delta R.T.: -0.009 min  
Response: 5640881  
Conc: 7.10 ng/ml



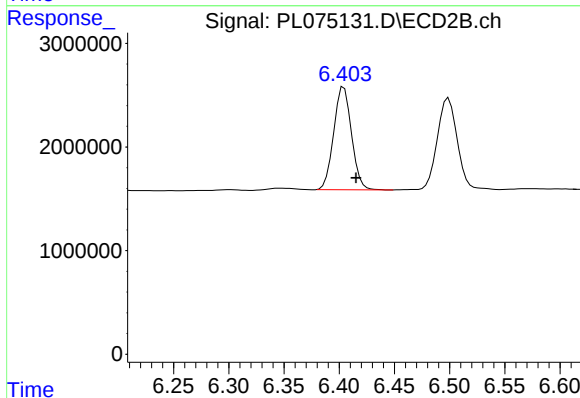
#7 delta-BHC

R.T.: 7.147 min  
Delta R.T.: -0.005 min  
Response: 3636224  
Conc: 5.80 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
P038-SS001-0006-01MSD 10X

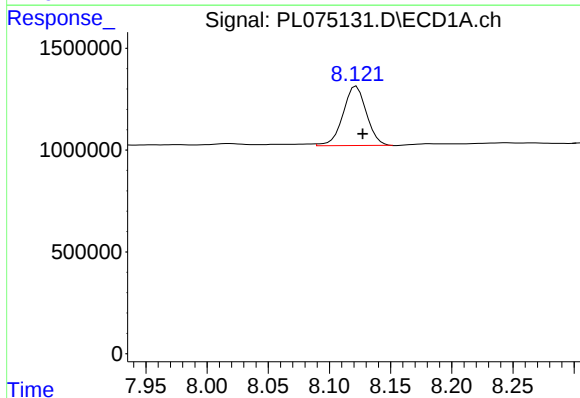
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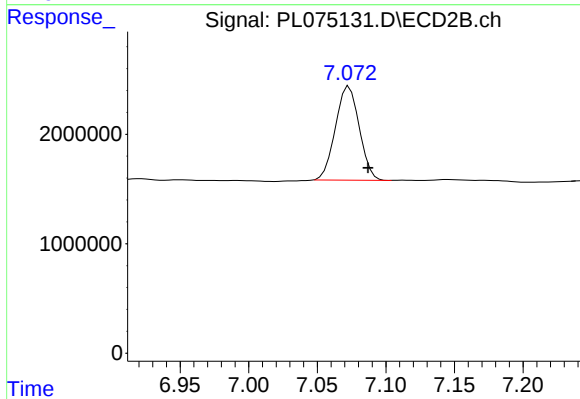
#7 delta-BHC

R.T.: 6.404 min  
Delta R.T.: -0.011 min  
Response: 11148264  
Conc: 7.13 ng/ml



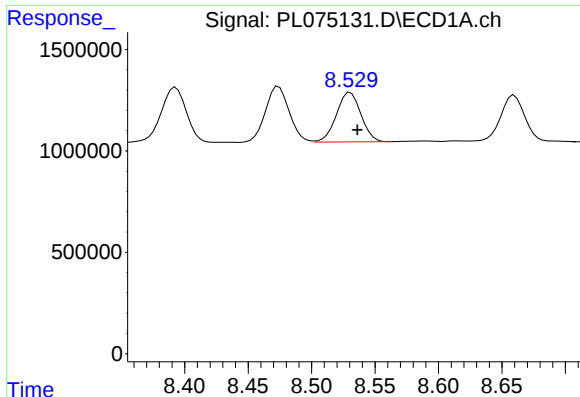
#8 Heptachlor epoxide

R.T.: 8.121 min  
Delta R.T.: -0.007 min  
Response: 3870120  
Conc: 6.80 ng/ml m



#8 Heptachlor epoxide

R.T.: 7.073 min  
Delta R.T.: -0.014 min  
Response: 10393410  
Conc: 7.47 ng/ml



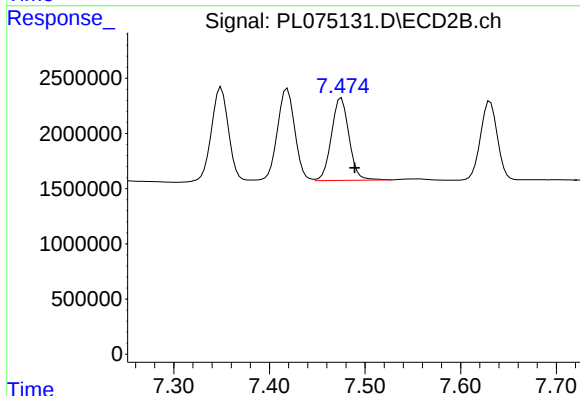
#9 Endosulfan I

R.T.: 8.531 min  
Delta R.T.: -0.005 min  
Response: 3278002  
Conc: 5.69 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
P038-SS001-0006-01MSD 10X

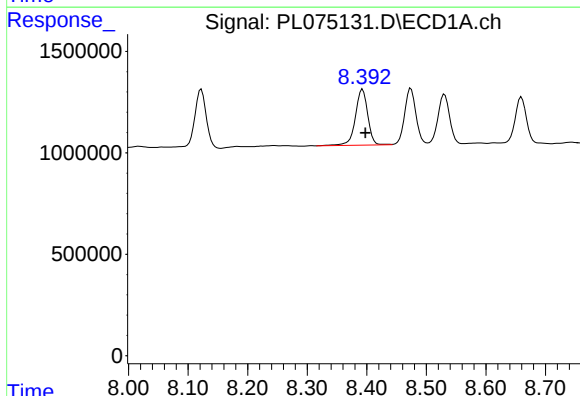
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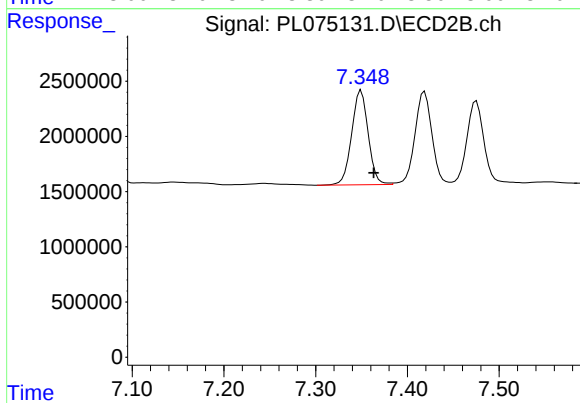
#9 Endosulfan I

R.T.: 7.475 min  
Delta R.T.: -0.014 min  
Response: 9529280  
Conc: 7.62 ng/ml



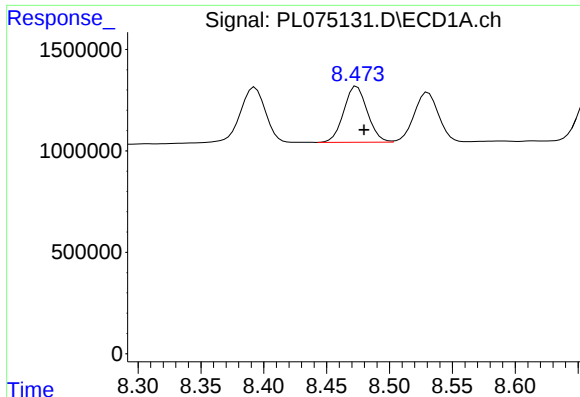
#10 gamma-Chlordane

R.T.: 8.393 min  
Delta R.T.: -0.005 min  
Response: 3995543  
Conc: 7.72 ng/ml



#10 gamma-Chlordane

R.T.: 7.350 min  
Delta R.T.: -0.014 min  
Response: 10709956  
Conc: 7.73 ng/ml



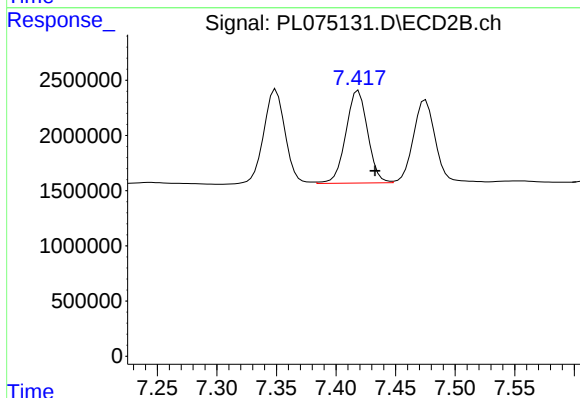
#11 alpha-Chlordane

R.T.: 8.474 min  
Delta R.T.: -0.006 min  
Response: 3594454  
Conc: 5.89 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
P038-SS001-0006-01MSD 10X

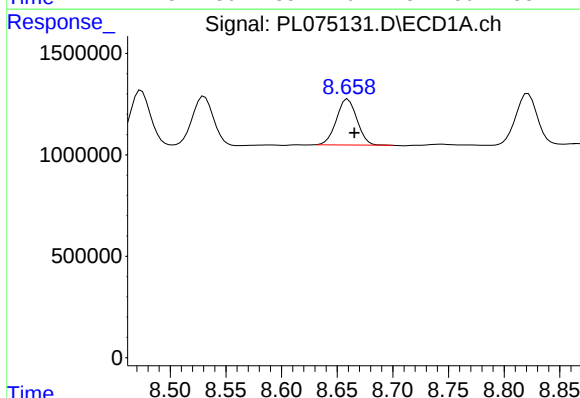
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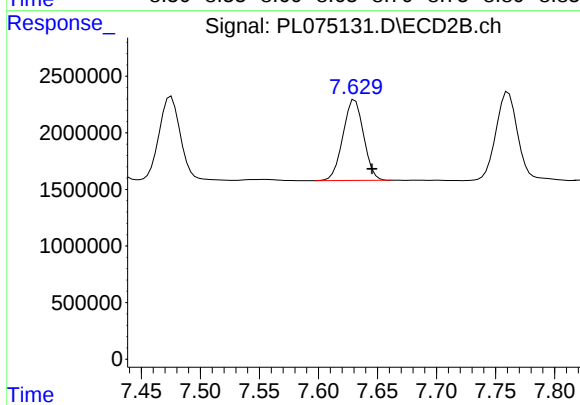
#11 alpha-Chlordane

R.T.: 7.419 min  
Delta R.T.: -0.014 min  
Response: 10685501  
Conc: 7.90 ng/ml



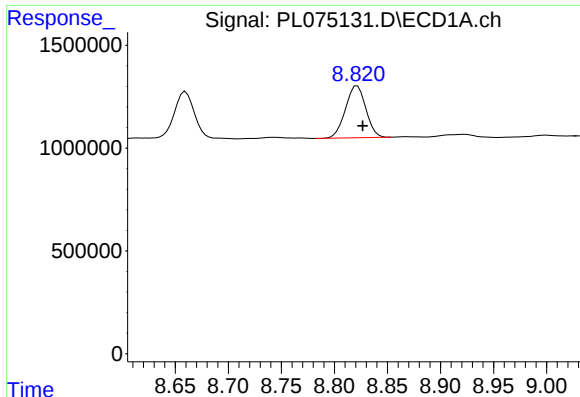
#12 4,4'-DDE

R.T.: 8.660 min  
Delta R.T.: -0.006 min  
Response: 2911536  
Conc: 6.29 ng/ml



#12 4,4'-DDE

R.T.: 7.629 min  
Delta R.T.: -0.016 min  
Response: 8715001  
Conc: 7.41 ng/ml m



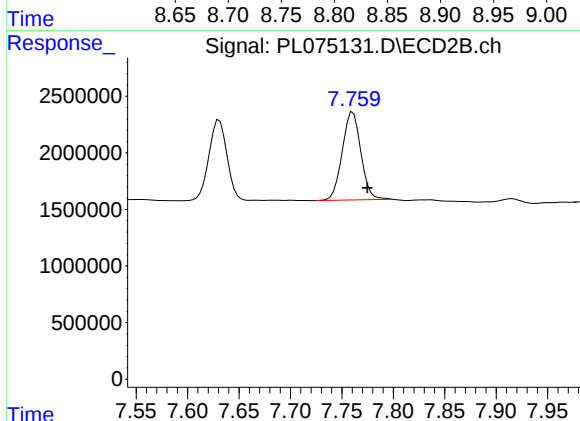
#13 Dieldrin

R.T.: 8.822 min  
Delta R.T.: -0.005 min  
Response: 3369131  
Conc: 6.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
P038-SS001-0006-01MSD 10X

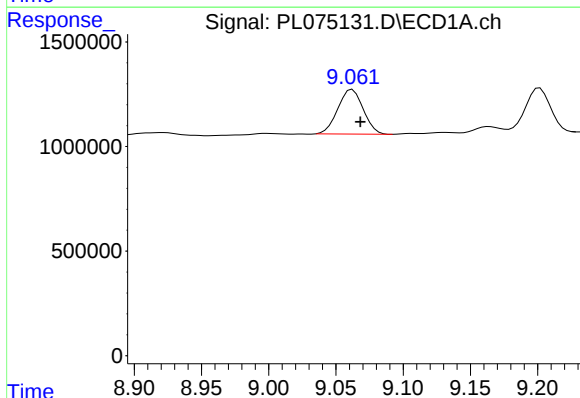
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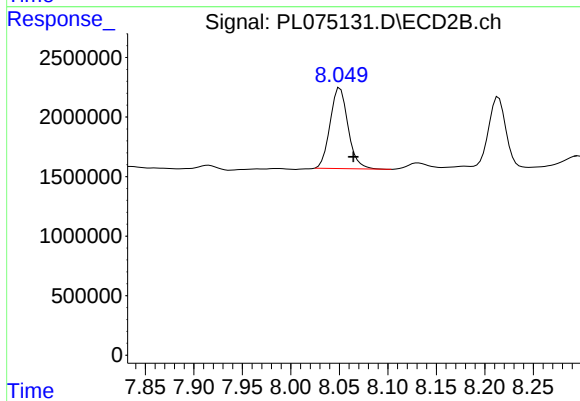
#13 Dieldrin

R.T.: 7.759 min  
Delta R.T.: -0.016 min  
Response: 9820198  
Conc: 7.71 ng/ml m



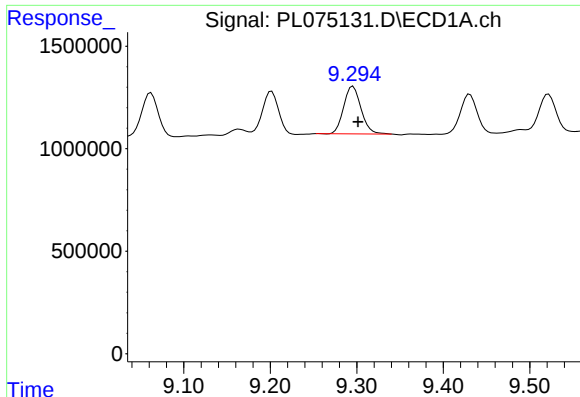
#14 Endrin

R.T.: 9.062 min  
Delta R.T.: -0.006 min  
Response: 2791167  
Conc: 6.76 ng/ml



#14 Endrin

R.T.: 8.051 min  
Delta R.T.: -0.014 min  
Response: 8743139  
Conc: 8.28 ng/ml



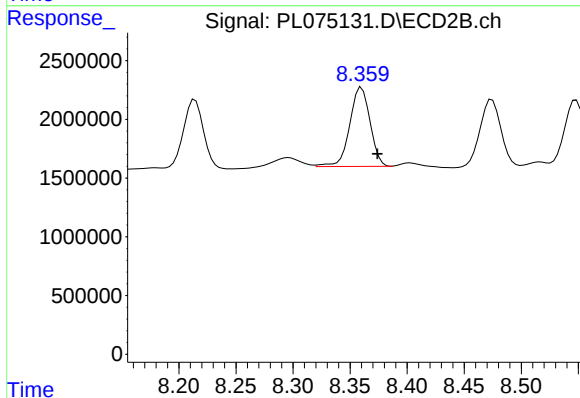
#15 Endosulfan II

R.T.: 9.296 min  
Delta R.T.: -0.006 min  
Response: 3223524  
Conc: 7.33 ng/ml

Instrument :  
ECD\_L  
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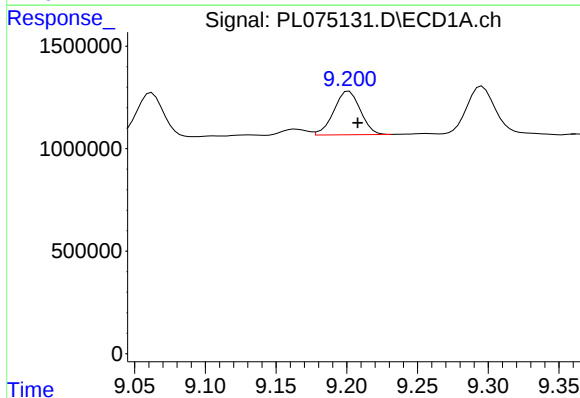
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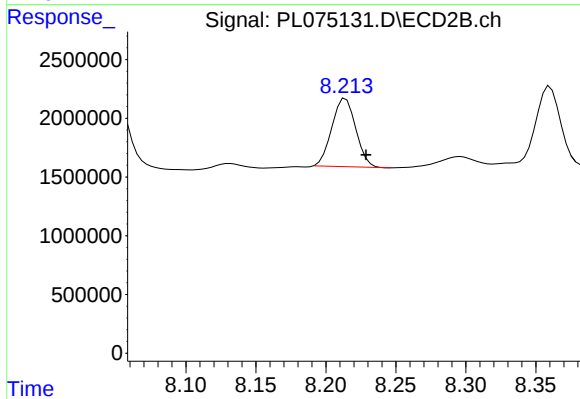
#15 Endosulfan II

R.T.: 8.360 min  
Delta R.T.: -0.014 min  
Response: 8340409  
Conc: 7.38 ng/ml



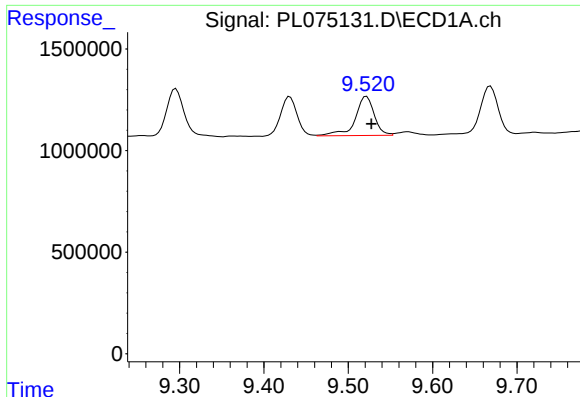
#16 4,4'-DDD

R.T.: 9.202 min  
Delta R.T.: -0.006 min  
Response: 2775781  
Conc: 6.14 ng/ml



#16 4,4'-DDD

R.T.: 8.214 min  
Delta R.T.: -0.015 min  
Response: 6918038  
Conc: 7.02 ng/ml



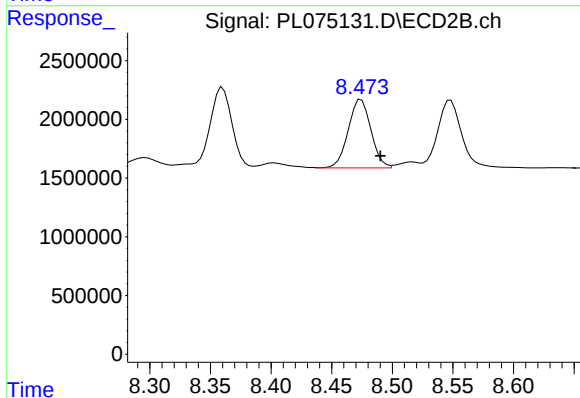
#17 4,4'-DDT

R.T.: 9.522 min  
Delta R.T.: -0.006 min  
Response: 3032172  
Conc: 6.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
P038-SS001-0006-01MSD 10X

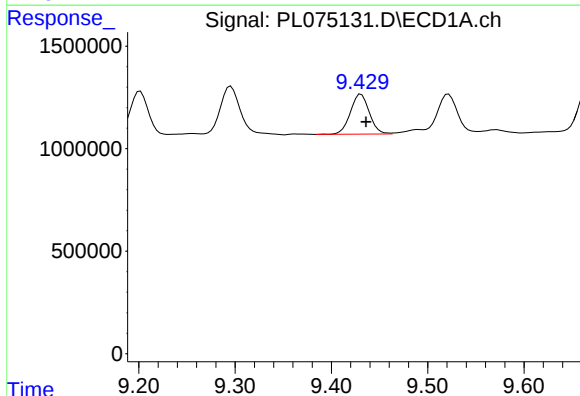
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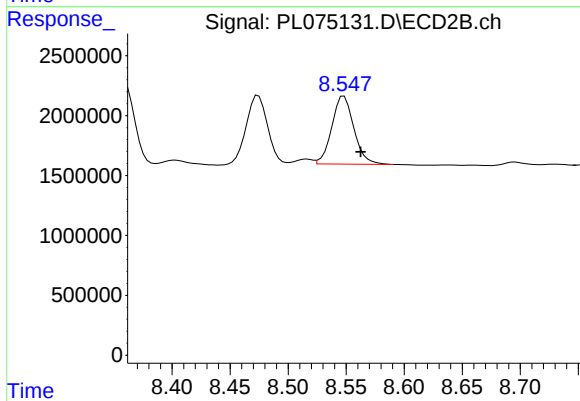
#17 4,4'-DDT

R.T.: 8.473 min  
Delta R.T.: -0.017 min  
Response: 7626178  
Conc: 7.62 ng/ml m



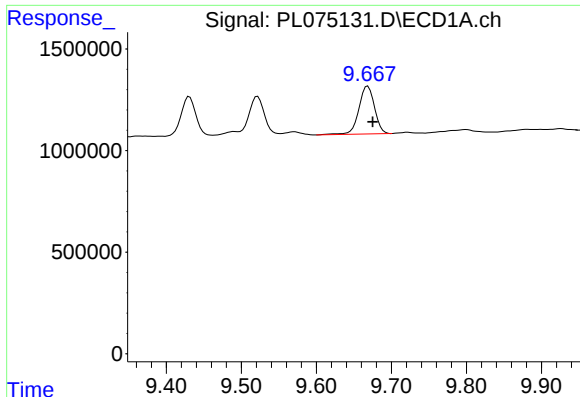
#18 Endrin aldehyde

R.T.: 9.431 min  
Delta R.T.: -0.005 min  
Response: 2646953  
Conc: 7.48 ng/ml



#18 Endrin aldehyde

R.T.: 8.547 min  
Delta R.T.: -0.016 min  
Response: 7519701  
Conc: 9.42 ng/ml m



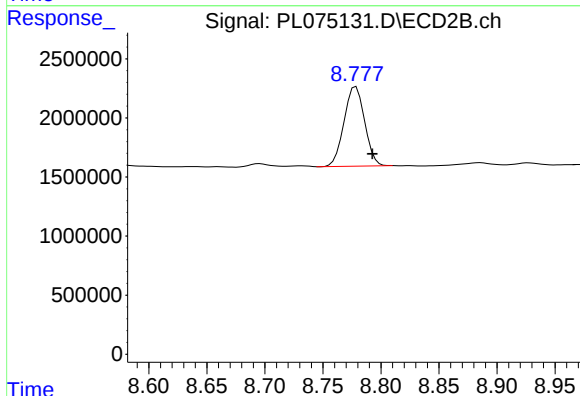
#19 Endosulfan Sulfate

R.T.: 9.669 min  
Delta R.T.: -0.006 min  
Response: 3425807  
Conc: 7.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
P038-SS001-0006-01MSD 10X

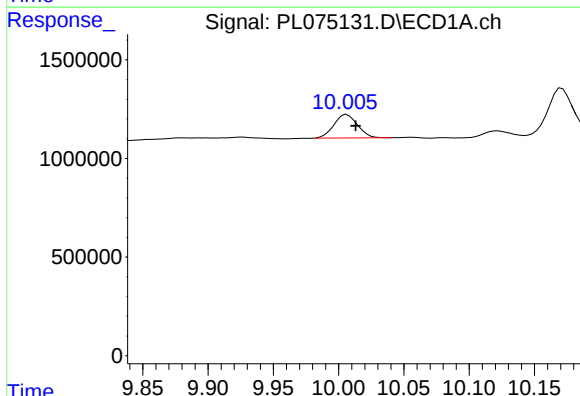
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Supervised By :Ankita Jodhani 05/31/2022



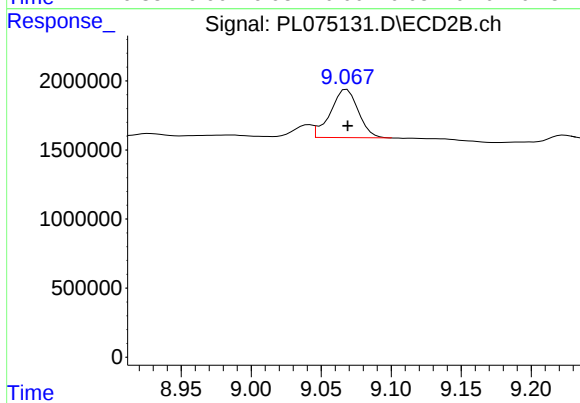
#19 Endosulfan Sulfate

R.T.: 8.777 min  
Delta R.T.: -0.015 min  
Response: 8338253  
Conc: 7.66 ng/ml m



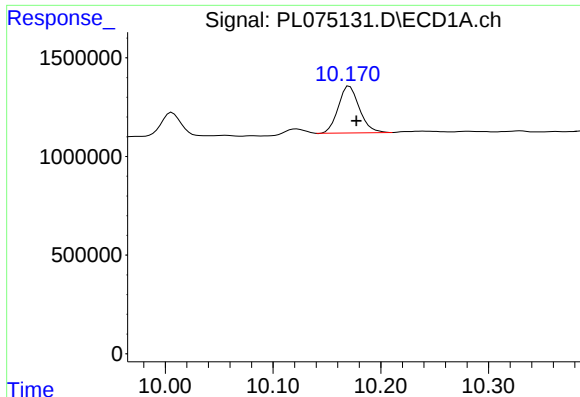
#20 Methoxychlor

R.T.: 10.006 min  
Delta R.T.: -0.007 min  
Response: 1500863  
Conc: 6.13 ng/ml



#20 Methoxychlor

R.T.: 9.067 min  
Delta R.T.: -0.002 min  
Response: 4777149  
Conc: 8.17 ng/ml m



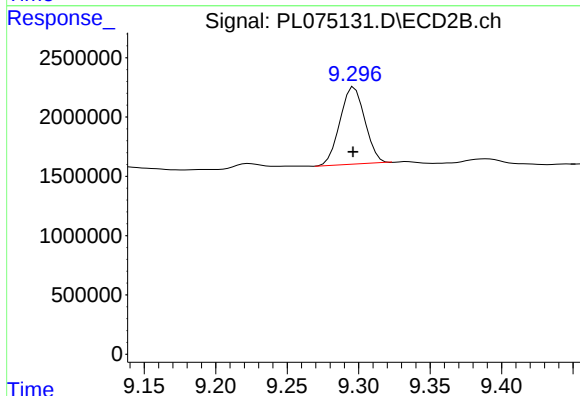
#21 Endrin ketone

R.T.: 10.171 min  
Delta R.T.: -0.006 min  
Response: 3219665  
Conc: 6.28 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
P038-SS001-0006-01MSD 10X

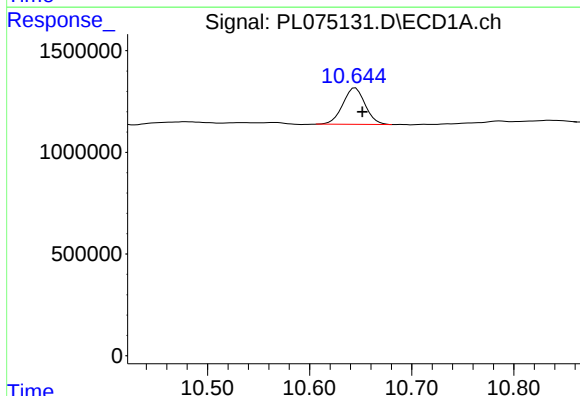
Manual Integrations  
APPROVED

Reviewed By :Abdul Mirza 05/31/2022  
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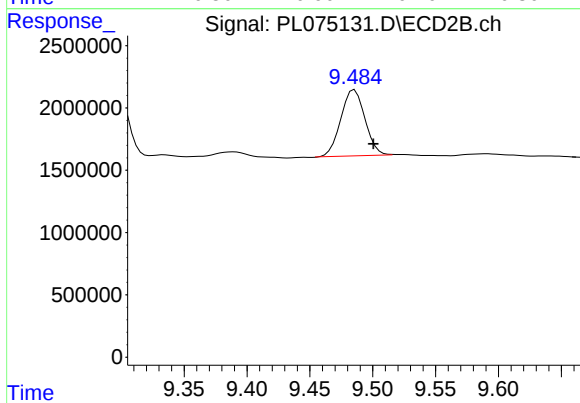
#21 Endrin ketone

R.T.: 9.296 min  
Delta R.T.: 0.000 min  
Response: 7877383  
Conc: 7.07 ng/ml m



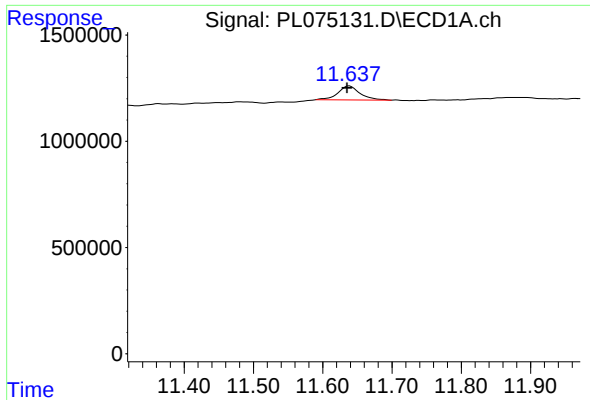
#22 Mirex

R.T.: 10.644 min  
Delta R.T.: -0.008 min  
Response: 2737006  
Conc: 6.78 ng/ml m



#22 Mirex

R.T.: 9.484 min  
Delta R.T.: -0.017 min  
Response: 7109664  
Conc: 7.34 ng/ml m



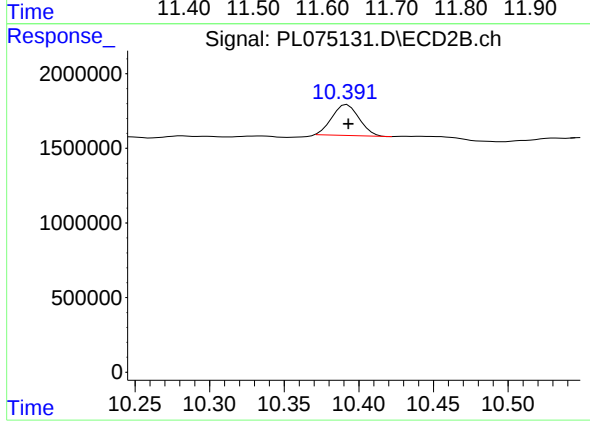
#28 Decachlorobiphenyl

R.T.: 11.639 min  
Delta R.T.: 0.004 min  
Response: 1457529  
Conc: 3.26 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
P038-SS001-0006-01MSD 10X

Manual Integrations  
APPROVED

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#28 Decachlorobiphenyl

R.T.: 10.392 min  
Delta R.T.: 0.000 min  
Response: 2627158  
Conc: 2.56 ng/ml