

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL053122\  
 Data File : PL075295.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 31 May 2022 18:42  
 Operator : AR\AJ  
 Sample : PSTDCCC050  
 Misc :  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 01 07:41:35 2022  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL052822.M  
 Quant Title : GC Extractables  
 QLast Update : Tue May 31 02:52:42 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... | 5.641  | 4.639  | 32445021 | 86832552 | 55.203   | 54.814    |
| 28)                         | SA Decachlor... | 11.639 | 10.387 | 28628861 | 66412202 | 53.394   | 48.396    |
| Target Compounds            |                 |        |        |          |          |          |           |
| 2)                          | A alpha-BHC     | 6.225  | 5.341  | 46363700 | 123.5E6  | 56.180   | 57.083    |
| 3)                          | MA gamma-BHC... | 6.623  | 5.761  | 43822932 | 116.2E6  | 55.991   | 55.320    |
| 4)                          | MA Heptachlor   | 7.278  | 6.170  | 43141651 | 110.3E6  | 53.866   | 54.105    |
| 5)                          | MB Aldrin       | 7.652  | 6.495  | 39884337 | 104.8E6  | 54.695   | 54.282    |
| 6)                          | B beta-BHC      | 6.874  | 6.140  | 20132507 | 51204639 | 54.076   | 52.756    |
| 7)                          | B delta-BHC     | 7.145  | 6.400  | 42988003 | 116.2E6  | 55.982   | 54.167    |
| 8)                          | B Heptachlo...  | 8.121  | 7.069  | 37537638 | 96457506 | 54.984   | 52.786    |
| 9)                          | A Endosulfan I  | 8.529  | 7.471  | 34352825 | 89533184 | 54.696   | 52.982    |
| 10)                         | B gamma-Chl...  | 8.391  | 7.346  | 36870236 | 97257134 | 54.669   | 52.882    |
| 11)                         | B alpha-Chl...  | 8.473  | 7.415  | 36970460 | 95760443 | 54.563   | 52.406    |
| 12)                         | B 4,4'-DDE      | 8.658  | 7.627  | 32355450 | 85179254 | 55.618   | 52.299    |
| 13)                         | MA Dieldrin     | 8.820  | 7.756  | 35115314 | 90804700 | 55.413   | 52.334    |
| 14)                         | MA Endrin       | 9.061  | 8.047  | 26979920 | 75432491 | 50.807   | 48.457    |
| 15)                         | B Endosulfa...  | 9.294  | 8.357  | 29249893 | 73267859 | 51.821   | 46.538    |
| 16)                         | A 4,4'-DDD      | 9.201  | 8.211  | 27360980 | 70441616 | 55.323   | 52.698    |
| 17)                         | MA 4,4'-DDT     | 9.520  | 8.472  | 29646253 | 71353812 | 50.897   | 49.893    |
| 18)                         | B Endrin al...  | 9.428  | 8.544  | 22959419 | 54575636 | 52.243   | 45.270    |
| 19)                         | B Endosulfa...  | 9.667  | 8.775  | 30041377 | 75085910 | 54.006   | 50.165    |
| 20)                         | A Methoxychlor  | 10.006 | 9.065  | 16292334 | 39689975 | 53.193   | 48.876    |
| 21)                         | B Endrin ke...  | 10.170 | 9.293  | 34308364 | 83904184 | 55.881   | 52.468    |
| 22)                         | Mirex           | 10.644 | 9.481  | 26016044 | 63837238 | 53.669   | 50.202    |
| 24)                         | Chlordane-2     | 7.652f | 0.000  | 39884337 | 0        | 1362.124 | N.D. #    |
| 25)                         | Chlordane-3     | 8.391  | 7.346  | 36870236 | 97257134 | 375.583  | 533.264 # |
| 26)                         | Chlordane-4     | 8.473  | 7.415  | 36970460 | 95760443 | 308.408  | 494.021 # |
| 27)                         | Chlordane-5     | 9.365  | 8.157f | 299778   | 7883195  | 13.754   | 153.019 # |
| -----                       |                 |        |        |          |          |          |           |

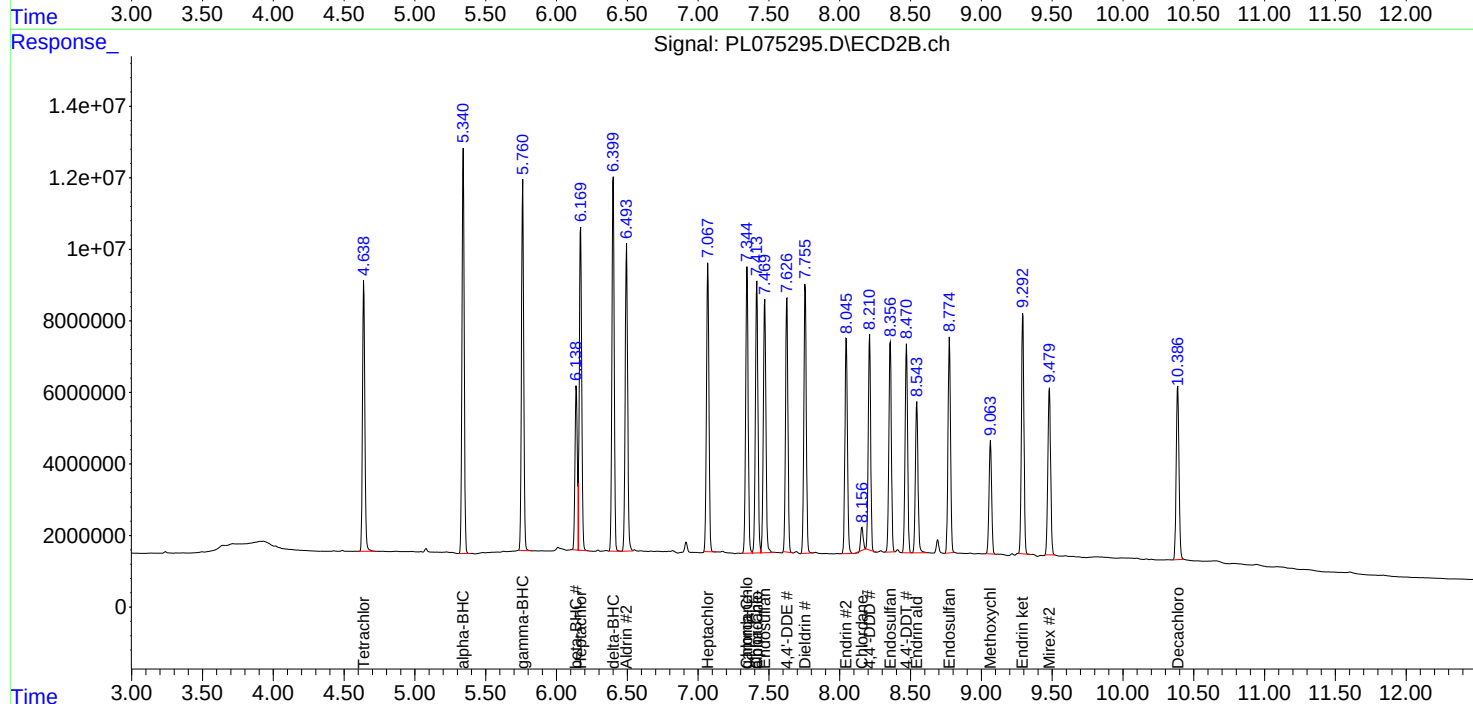
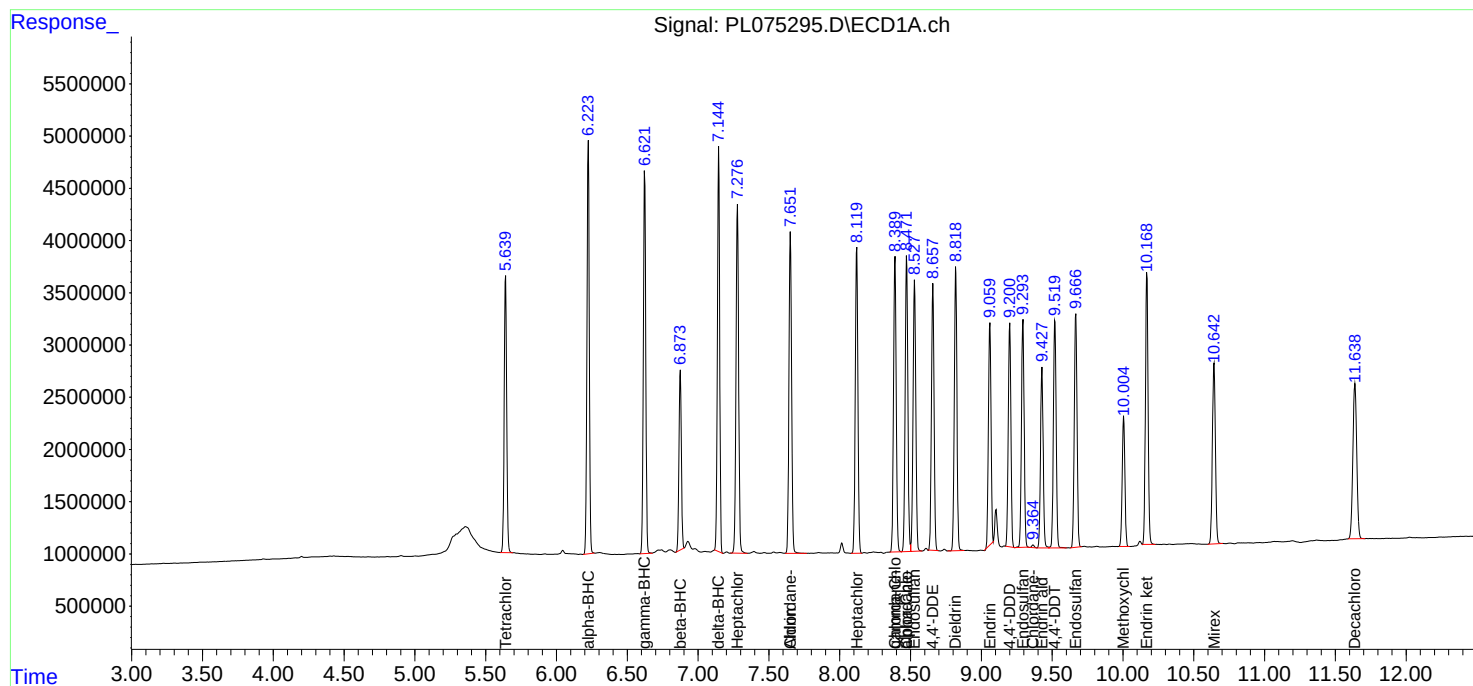
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

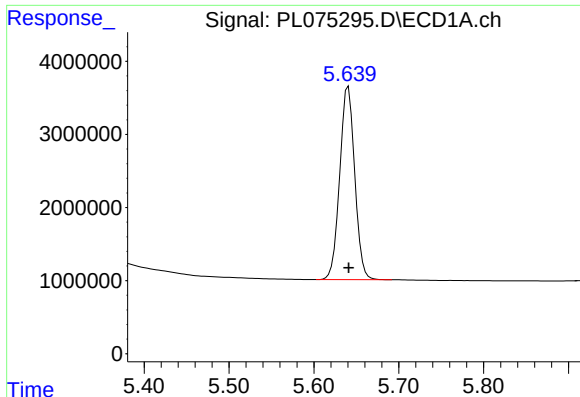
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL053122\  
Data File : PL075295.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 31 May 2022 18:42  
Operator : AR\AJ  
Sample : PSTDCCC050  
Misc :  
ALS Vial : 4 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 01 07:41:35 2022  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL052822.M  
Quant Title : GC Extractables  
QLast Update : Tue May 31 02:52:42 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

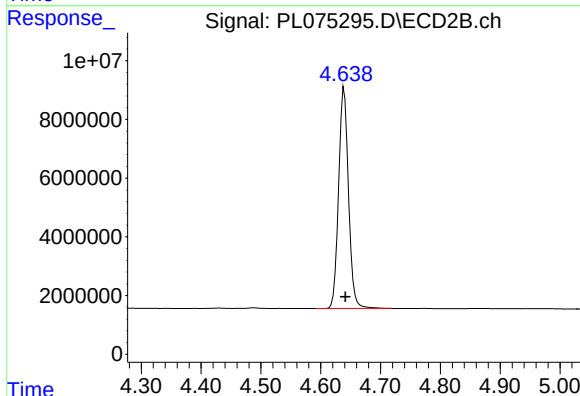




#1 Tetrachloro-m-xylene

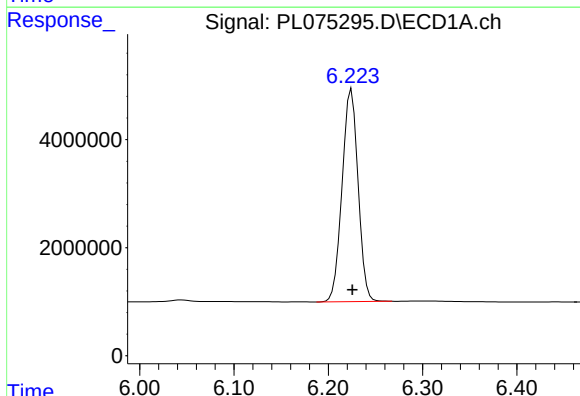
R.T.: 5.641 min  
Delta R.T.: 0.000 min  
Response: 32445021  
Conc: 55.20 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



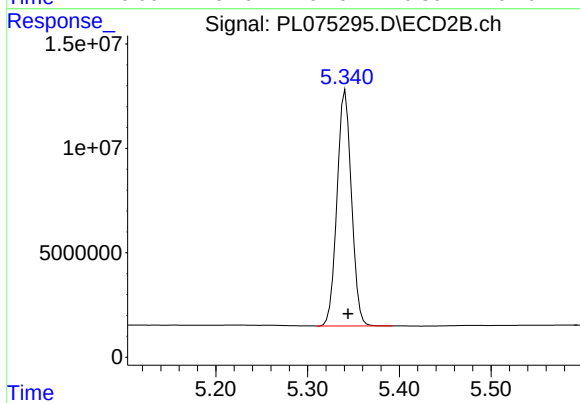
#1 Tetrachloro-m-xylene

R.T.: 4.639 min  
Delta R.T.: -0.002 min  
Response: 86832552  
Conc: 54.81 ng/ml



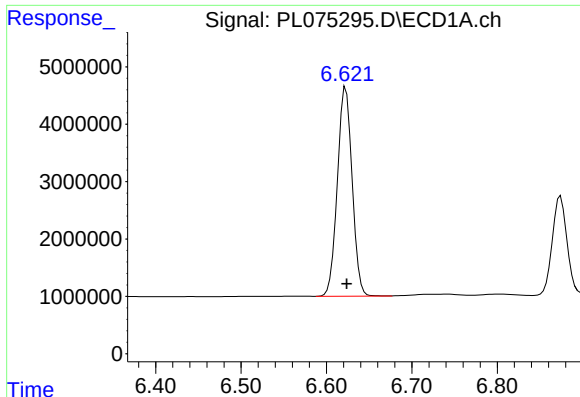
#2 alpha-BHC

R.T.: 6.225 min  
Delta R.T.: 0.000 min  
Response: 46363700  
Conc: 56.18 ng/ml



#2 alpha-BHC

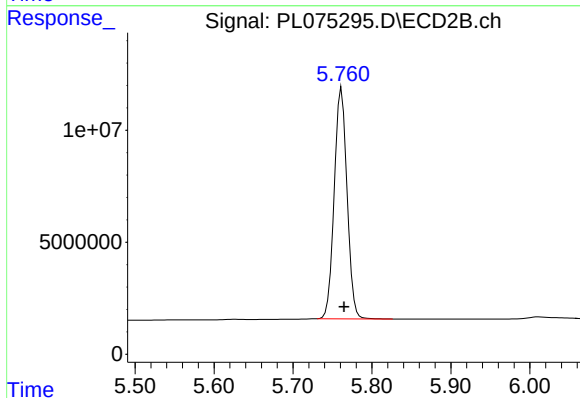
R.T.: 5.341 min  
Delta R.T.: -0.003 min  
Response: 123543382  
Conc: 57.08 ng/ml



#3 gamma-BHC (Lindane)

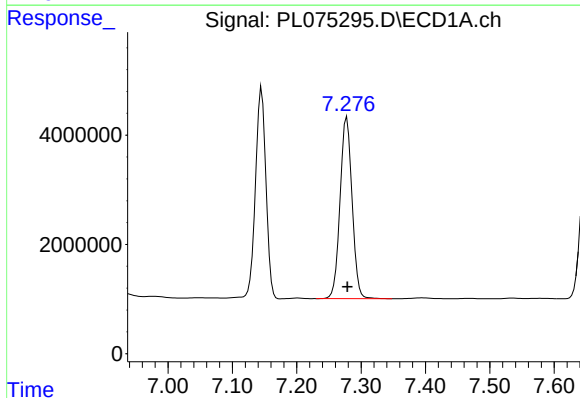
R.T.: 6.623 min  
Delta R.T.: -0.001 min  
Response: 43822932  
Conc: 55.99 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



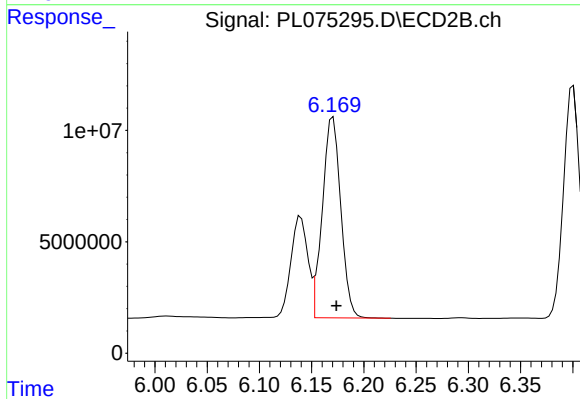
#3 gamma-BHC (Lindane)

R.T.: 5.761 min  
Delta R.T.: -0.003 min  
Response: 116181296  
Conc: 55.32 ng/ml



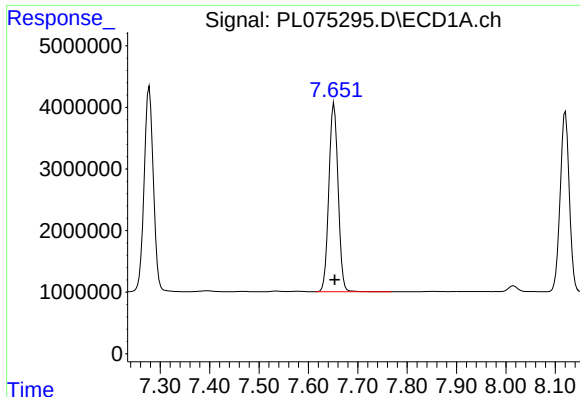
#4 Heptachlor

R.T.: 7.278 min  
Delta R.T.: -0.001 min  
Response: 43141651  
Conc: 53.87 ng/ml



#4 Heptachlor

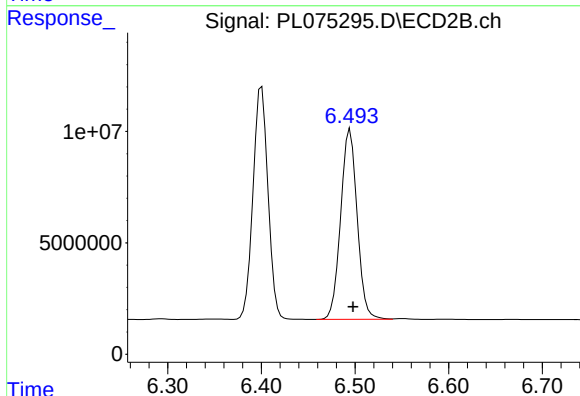
R.T.: 6.170 min  
Delta R.T.: -0.003 min  
Response: 110296255  
Conc: 54.11 ng/ml



#5 Aldrin

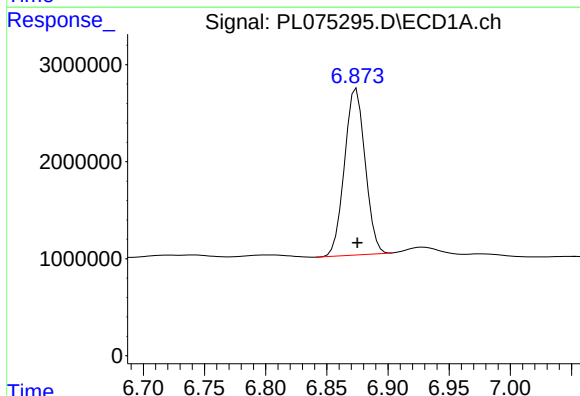
R.T.: 7.652 min  
Delta R.T.: -0.002 min  
Response: 39884337  
Conc: 54.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



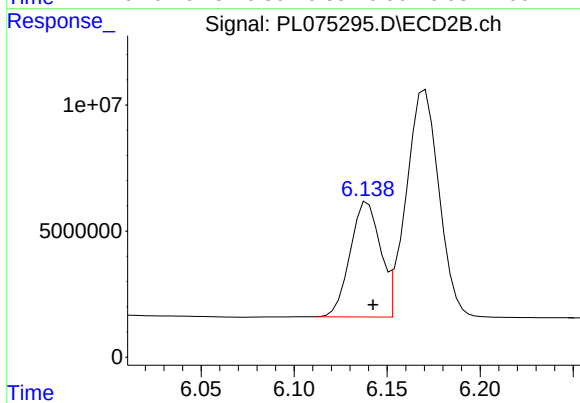
#5 Aldrin

R.T.: 6.495 min  
Delta R.T.: -0.003 min  
Response: 104759129  
Conc: 54.28 ng/ml



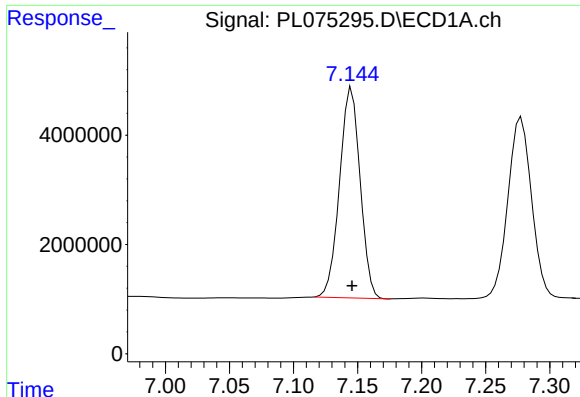
#6 beta-BHC

R.T.: 6.874 min  
Delta R.T.: 0.000 min  
Response: 20132507  
Conc: 54.08 ng/ml



#6 beta-BHC

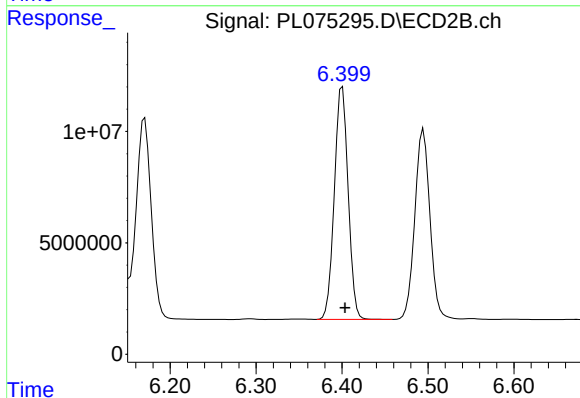
R.T.: 6.140 min  
Delta R.T.: -0.003 min  
Response: 51204639  
Conc: 52.76 ng/ml



#7 delta-BHC

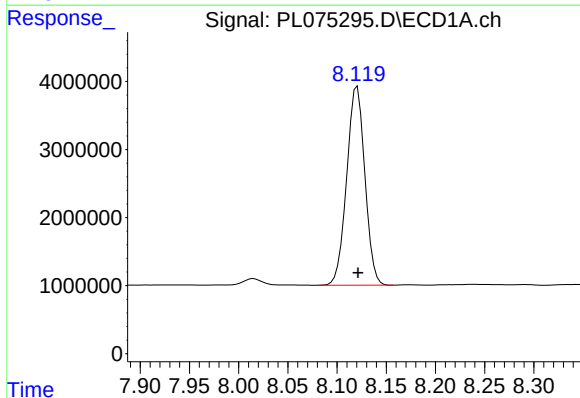
R.T.: 7.145 min  
Delta R.T.: 0.000 min  
Response: 42988003  
Conc: 55.98 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



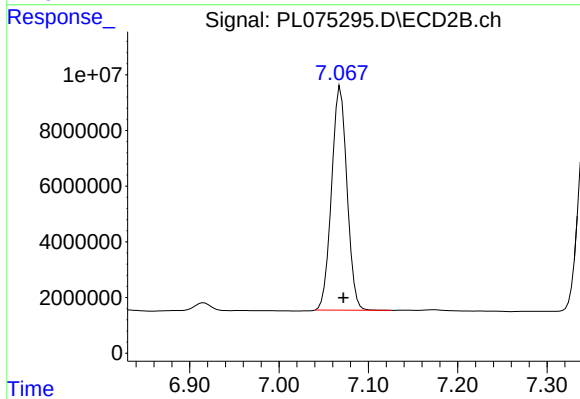
#7 delta-BHC

R.T.: 6.400 min  
Delta R.T.: -0.003 min  
Response: 116201668  
Conc: 54.17 ng/ml



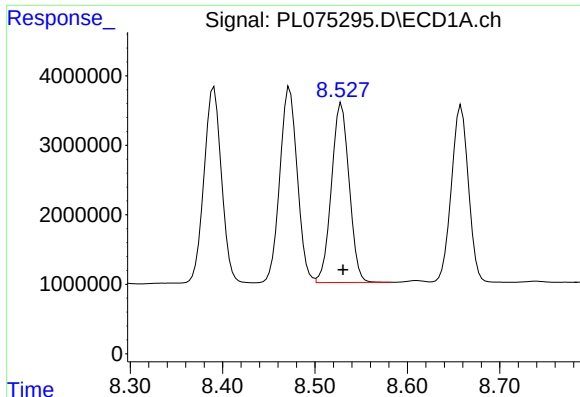
#8 Heptachlor epoxide

R.T.: 8.121 min  
Delta R.T.: -0.001 min  
Response: 37537638  
Conc: 54.98 ng/ml



#8 Heptachlor epoxide

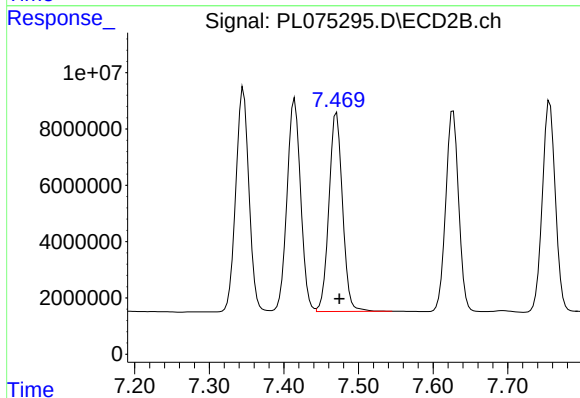
R.T.: 7.069 min  
Delta R.T.: -0.003 min  
Response: 96457506  
Conc: 52.79 ng/ml



#9 Endosulfan I

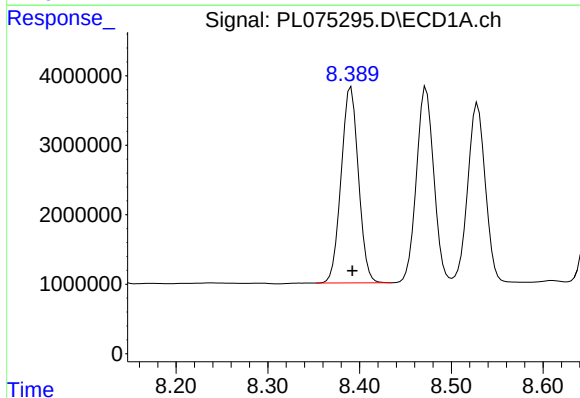
R.T.: 8.529 min  
Delta R.T.: -0.002 min  
Response: 34352825  
Conc: 54.70 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



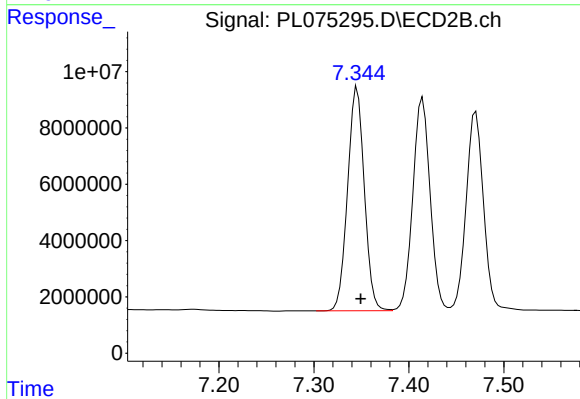
#9 Endosulfan I

R.T.: 7.471 min  
Delta R.T.: -0.004 min  
Response: 89533184  
Conc: 52.98 ng/ml



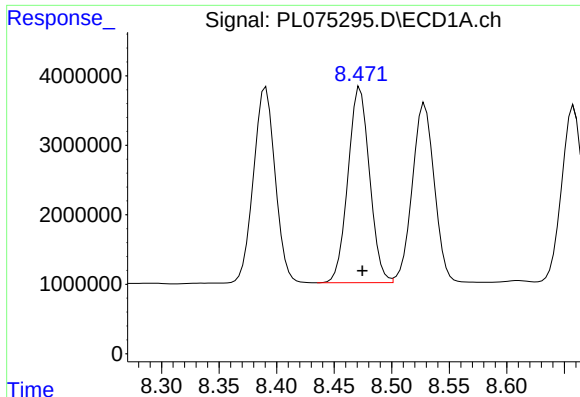
#10 gamma-Chlordane

R.T.: 8.391 min  
Delta R.T.: -0.001 min  
Response: 36870236  
Conc: 54.67 ng/ml



#10 gamma-Chlordane

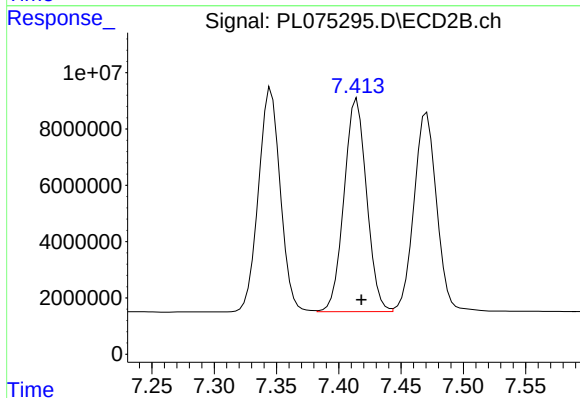
R.T.: 7.346 min  
Delta R.T.: -0.004 min  
Response: 97257134  
Conc: 52.88 ng/ml



#11 alpha-Chlordane

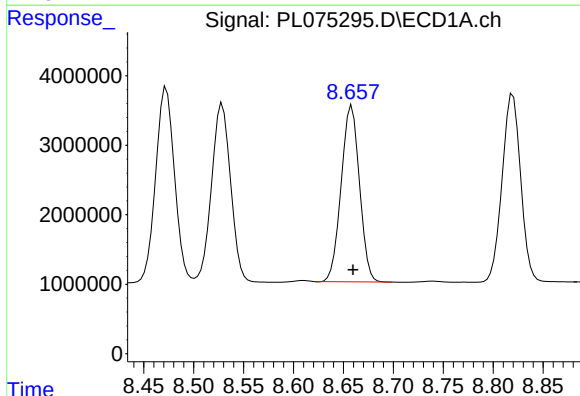
R.T.: 8.473 min  
Delta R.T.: -0.002 min  
Response: 36970460  
Conc: 54.56 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



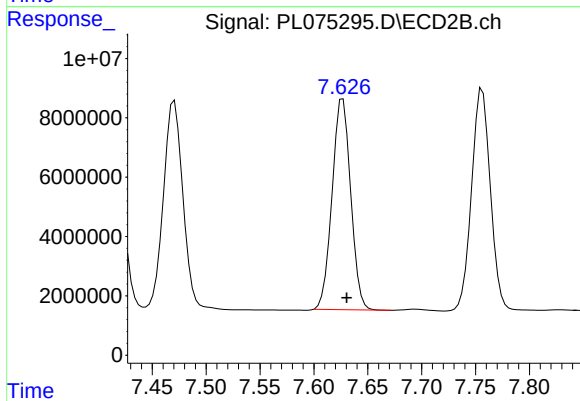
#11 alpha-Chlordane

R.T.: 7.415 min  
Delta R.T.: -0.004 min  
Response: 95760443  
Conc: 52.41 ng/ml



#12 4,4'-DDE

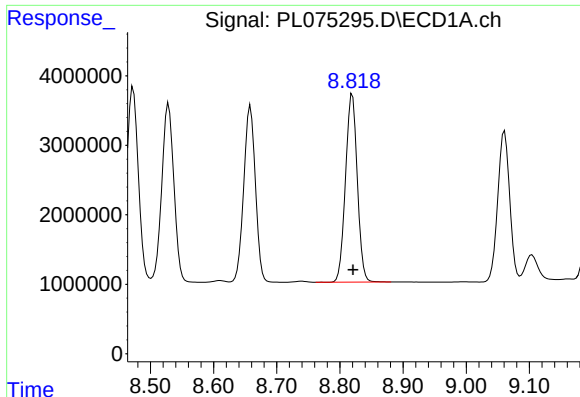
R.T.: 8.658 min  
Delta R.T.: -0.001 min  
Response: 32355450  
Conc: 55.62 ng/ml



#12 4,4'-DDE

R.T.: 7.627 min  
Delta R.T.: -0.004 min  
Response: 85179254  
Conc: 52.30 ng/ml

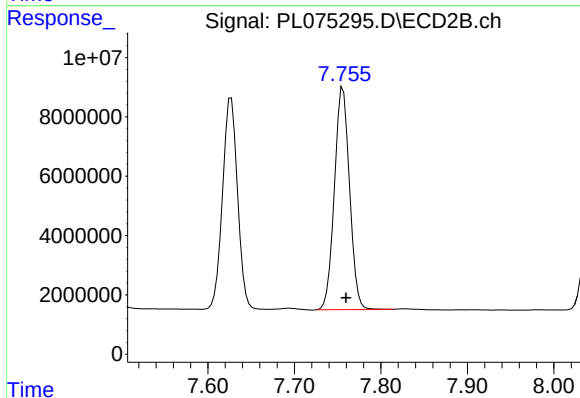




#13 Dieldrin

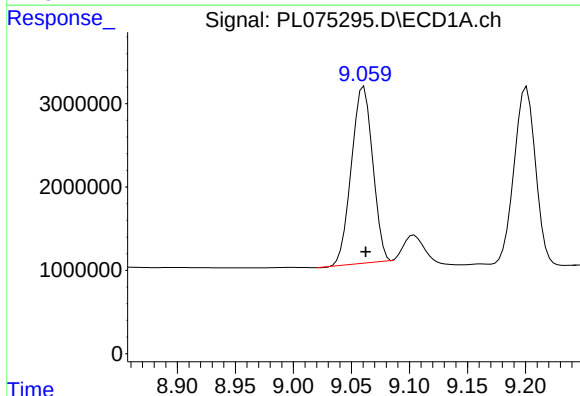
R.T.: 8.820 min  
Delta R.T.: -0.001 min  
Response: 35115314  
Conc: 55.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



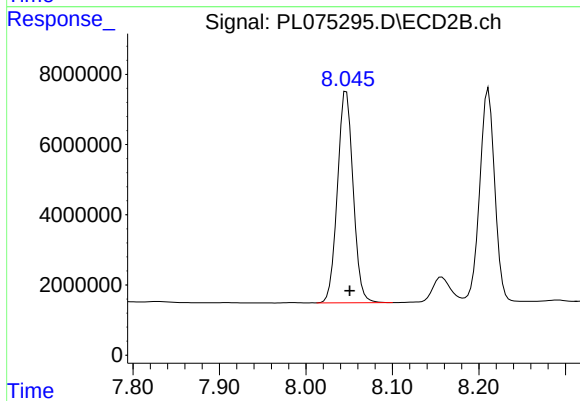
#13 Dieldrin

R.T.: 7.756 min  
Delta R.T.: -0.003 min  
Response: 90804700  
Conc: 52.33 ng/ml



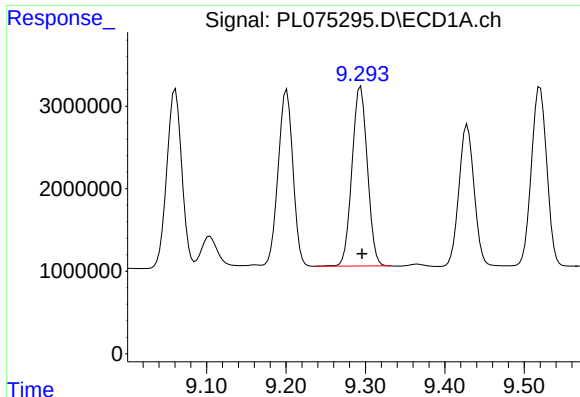
#14 Endrin

R.T.: 9.061 min  
Delta R.T.: -0.002 min  
Response: 26979920  
Conc: 50.81 ng/ml



#14 Endrin

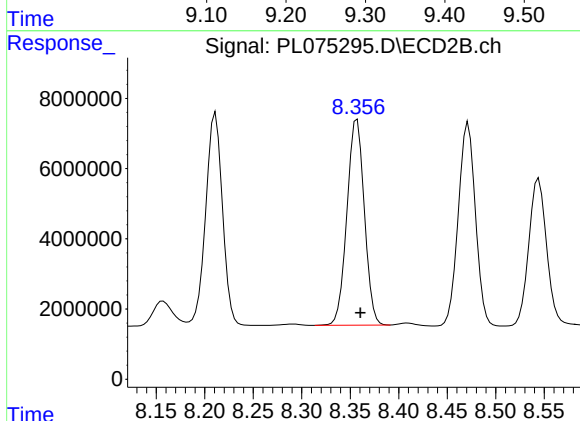
R.T.: 8.047 min  
Delta R.T.: -0.004 min  
Response: 75432491  
Conc: 48.46 ng/ml



#15 Endosulfan II

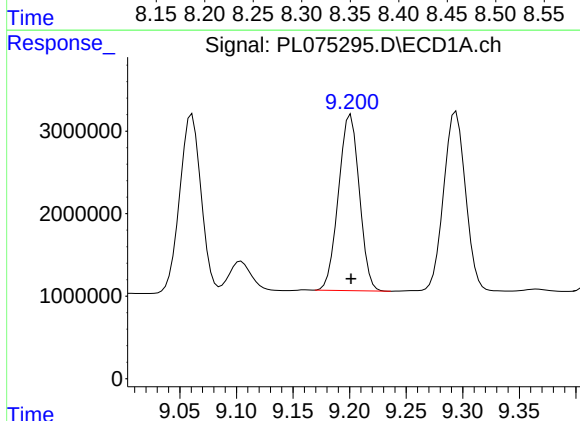
R.T.: 9.294 min  
Delta R.T.: -0.002 min  
Response: 29249893  
Conc: 51.82 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



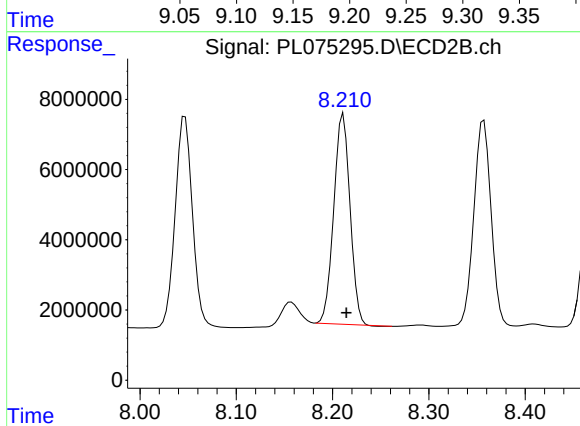
#15 Endosulfan II

R.T.: 8.357 min  
Delta R.T.: -0.003 min  
Response: 73267859  
Conc: 46.54 ng/ml



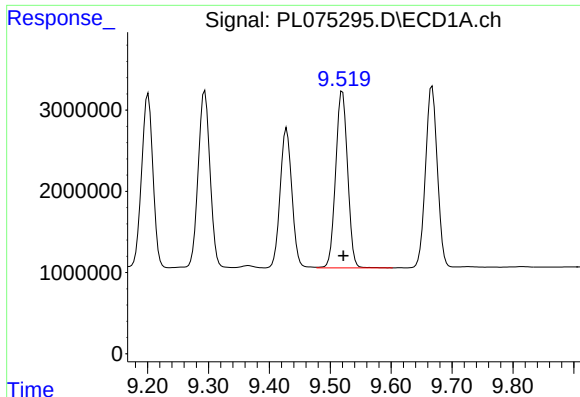
#16 4,4'-DDD

R.T.: 9.201 min  
Delta R.T.: 0.000 min  
Response: 27360980  
Conc: 55.32 ng/ml



#16 4,4'-DDD

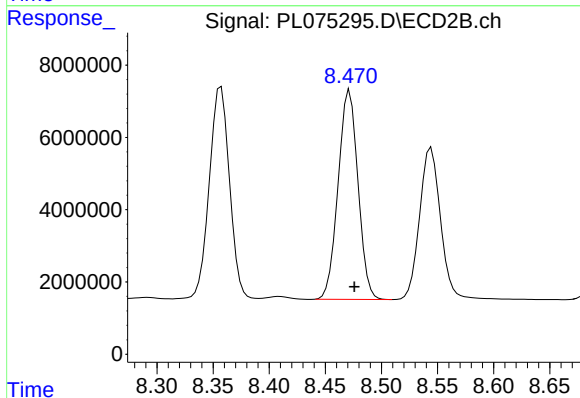
R.T.: 8.211 min  
Delta R.T.: -0.003 min  
Response: 70441616  
Conc: 52.70 ng/ml



#17 4,4'-DDT

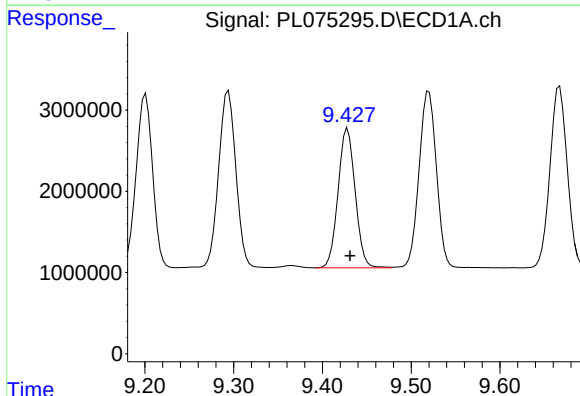
R.T.: 9.520 min  
Delta R.T.: -0.002 min  
Response: 29646253  
Conc: 50.90 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



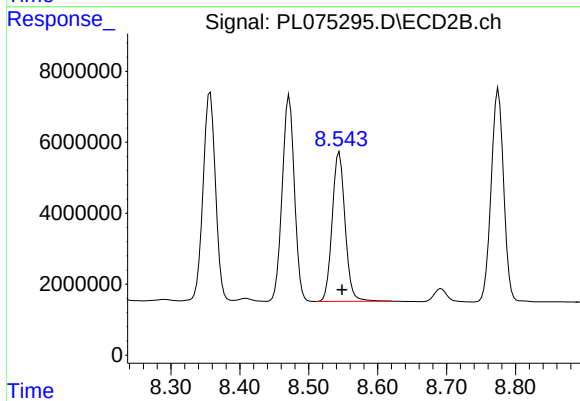
#17 4,4'-DDT

R.T.: 8.472 min  
Delta R.T.: -0.004 min  
Response: 71353812  
Conc: 49.89 ng/ml



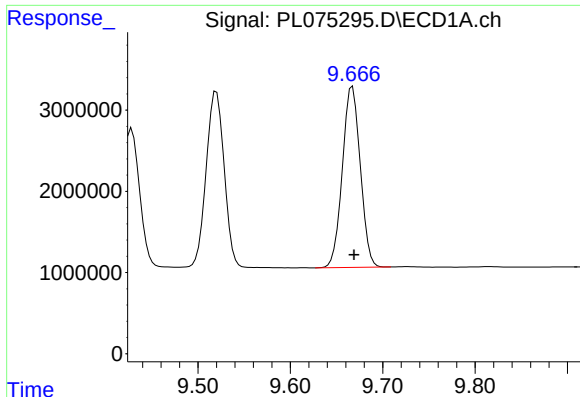
#18 Endrin aldehyde

R.T.: 9.428 min  
Delta R.T.: -0.003 min  
Response: 22959419  
Conc: 52.24 ng/ml



#18 Endrin aldehyde

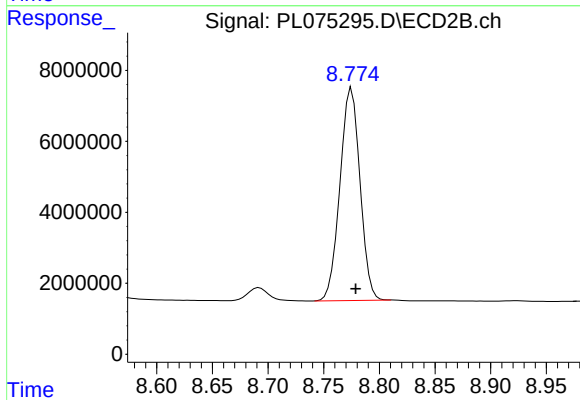
R.T.: 8.544 min  
Delta R.T.: -0.004 min  
Response: 54575636  
Conc: 45.27 ng/ml



#19 Endosulfan Sulfate

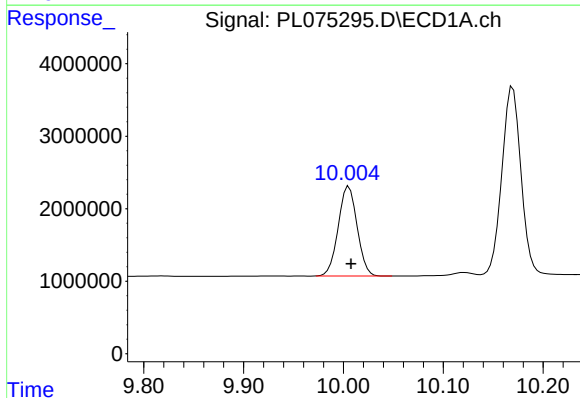
R.T.: 9.667 min  
Delta R.T.: -0.002 min  
Response: 30041377  
Conc: 54.01 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



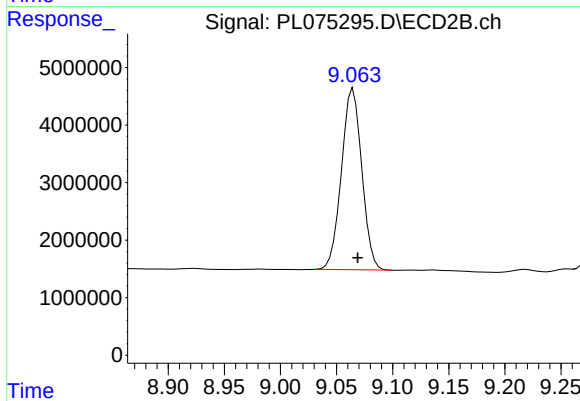
#19 Endosulfan Sulfate

R.T.: 8.775 min  
Delta R.T.: -0.004 min  
Response: 75085910  
Conc: 50.17 ng/ml



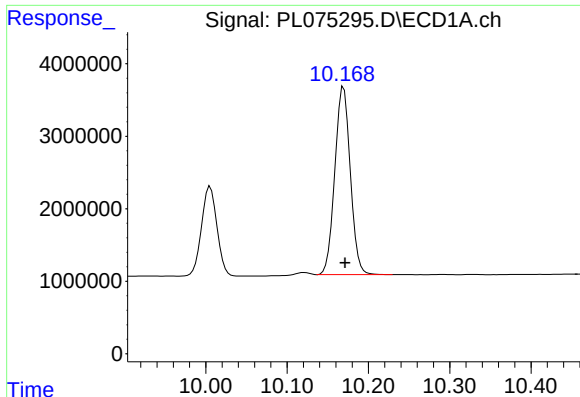
#20 Methoxychlor

R.T.: 10.006 min  
Delta R.T.: -0.002 min  
Response: 16292334  
Conc: 53.19 ng/ml



#20 Methoxychlor

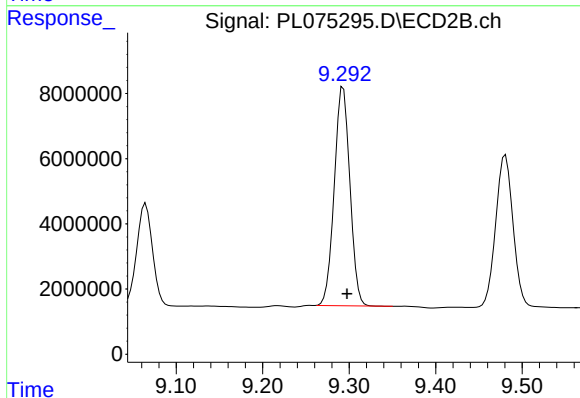
R.T.: 9.065 min  
Delta R.T.: -0.004 min  
Response: 39689975  
Conc: 48.88 ng/ml



#21 Endrin ketone

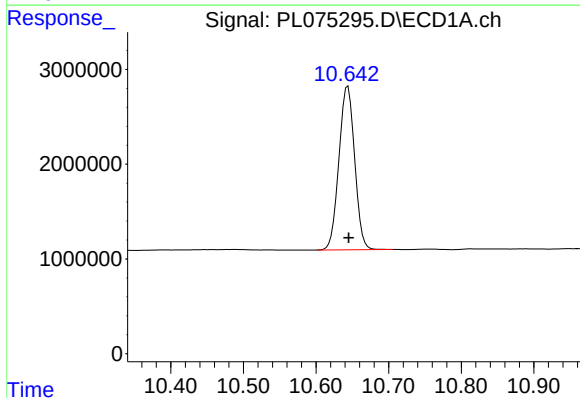
R.T.: 10.170 min  
Delta R.T.: -0.002 min  
Response: 34308364  
Conc: 55.88 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



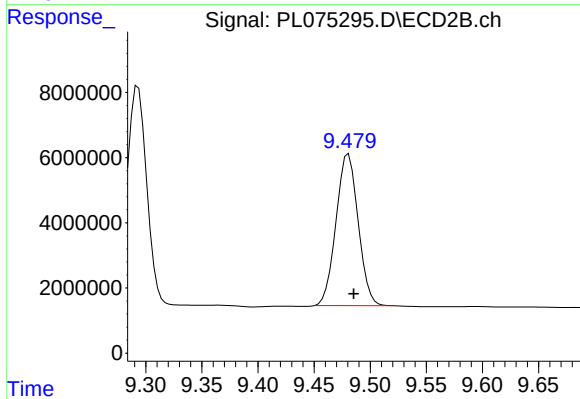
#21 Endrin ketone

R.T.: 9.293 min  
Delta R.T.: -0.004 min  
Response: 83904184  
Conc: 52.47 ng/ml



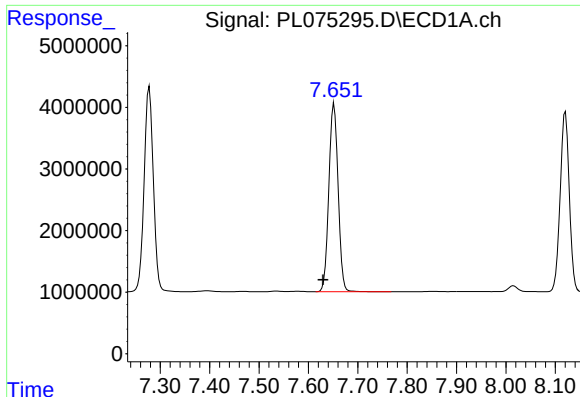
#22 Mirex

R.T.: 10.644 min  
Delta R.T.: -0.001 min  
Response: 26016044  
Conc: 53.67 ng/ml



#22 Mirex

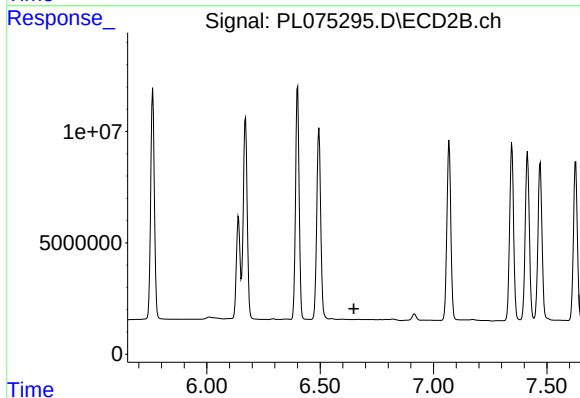
R.T.: 9.481 min  
Delta R.T.: -0.005 min  
Response: 63837238  
Conc: 50.20 ng/ml



#24 Chlordane-2

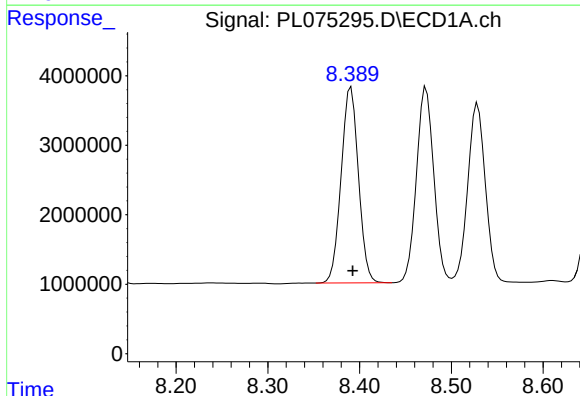
R.T.: 7.652 min  
Delta R.T.: 0.022 min  
Response: 39884337  
Conc: 1362.12 ng/m

Instrument :  
ECD\_L  
ClientSampleId :



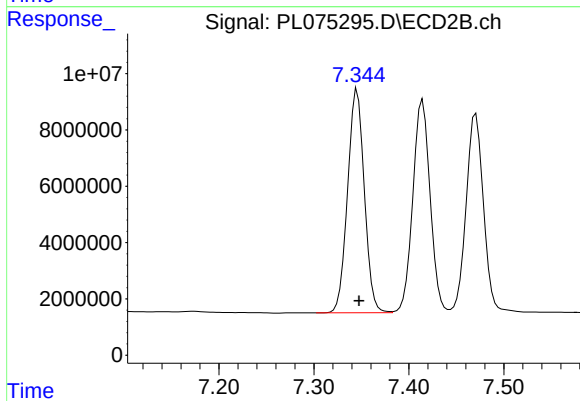
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 6.649 min  
Response: 0  
Conc: N.D.



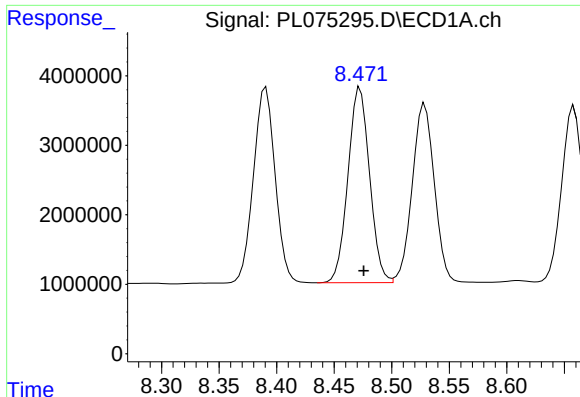
#25 Chlordane-3

R.T.: 8.391 min  
Delta R.T.: -0.002 min  
Response: 36870236  
Conc: 375.58 ng/ml



#25 Chlordane-3

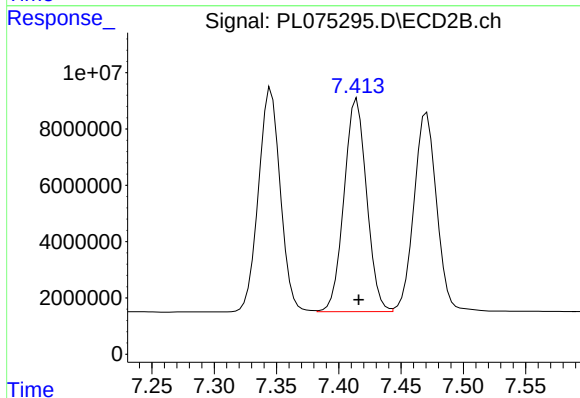
R.T.: 7.346 min  
Delta R.T.: -0.002 min  
Response: 97257134  
Conc: 533.26 ng/ml



#26 Chlordane-4

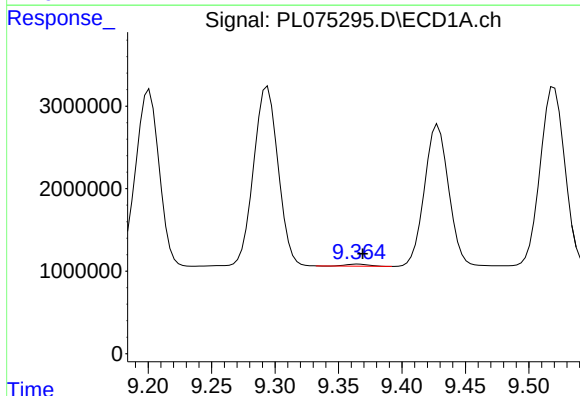
R.T.: 8.473 min  
Delta R.T.: -0.003 min  
Response: 36970460  
Conc: 308.41 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



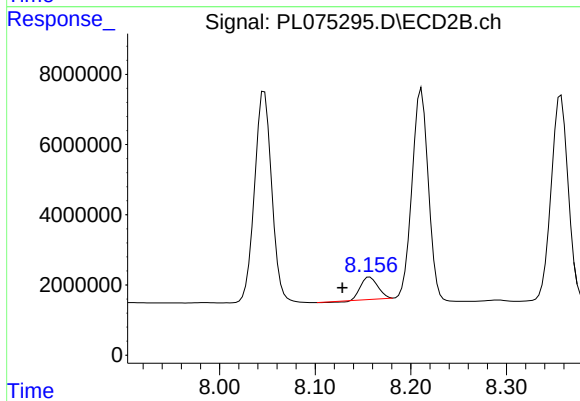
#26 Chlordane-4

R.T.: 7.415 min  
Delta R.T.: -0.002 min  
Response: 95760443  
Conc: 494.02 ng/ml



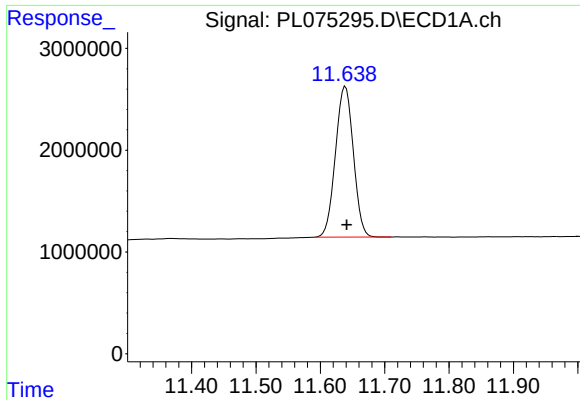
#27 Chlordane-5

R.T.: 9.365 min  
Delta R.T.: -0.004 min  
Response: 299778  
Conc: 13.75 ng/ml



#27 Chlordane-5

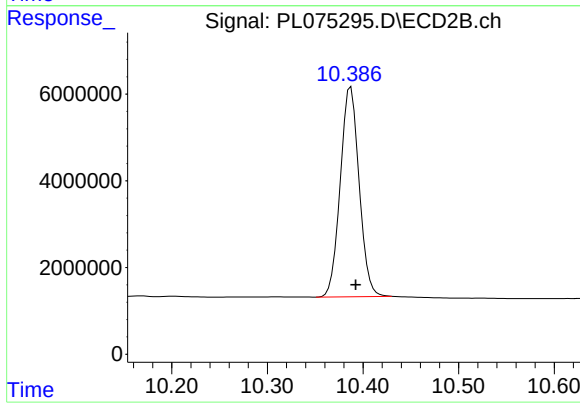
R.T.: 8.157 min  
Delta R.T.: 0.029 min  
Response: 7883195  
Conc: 153.02 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.639 min  
Delta R.T.: -0.002 min  
Response: 28628861  
Conc: 53.39 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 10.387 min  
Delta R.T.: -0.005 min  
Response: 66412202  
Conc: 48.40 ng/ml