

Data Path : P:\HPCHEM1\ECD\_L\Data\PL012918\  
 Data File : PL032658.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 29 Jan 2018 22:18  
 Operator : UA\AJ  
 Sample : J1341-01  
 Misc :  
 ALS Vial : 46 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 CHASIS-WASH

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jan 30 01:15:27 2018  
 Quant Method : P:\HPCHEM1\ECD\_L\methods\PL012618.M  
 Quant Title : GC Extractables  
 QLast Update : Sat Jan 27 04:03:48 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR2  
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

|                             | Compound        | RT#1   | RT#2   | Resp#1    | Resp#2   | ng/ml   | ng/ml    |
|-----------------------------|-----------------|--------|--------|-----------|----------|---------|----------|
| -----                       |                 |        |        |           |          |         |          |
| System Monitoring Compounds |                 |        |        |           |          |         |          |
| 1)                          | SA Tetrachlo... | 3.409  | 3.993  | 178.3E6   | 32170695 | 19.946  | 25.689 # |
| 28)                         | SA Decachlor... | 8.114  | 9.027  | 190.3E6   | 34745805 | 16.359  | 18.268   |
| Target Compounds            |                 |        |        |           |          |         |          |
| 2)                          | A alpha-BHC     | 3.825  | 4.380  | 10205877  | 9809373  | 0.725   | 4.235 #  |
| 3)                          | MA gamma-BHC... | 4.164f | 4.676f | 8573429   | 490588   | 0.664   | 0.228 #  |
| 4)                          | MA Heptachlor   | 4.384  | 5.148  | 194.9E6   | 1618511  | 14.720  | 0.775 #  |
| 5)                          | MB Aldrin       | 0.000  | 5.501f | 0         | 2337344  | N.D.    | 1.116 #  |
| 6)                          | B beta-BHC      | 4.384  | 0.000  | 194.9E6   | 0        | 34.119  | N.D. #   |
| 7)                          | B delta-BHC     | 0.000  | 5.018  | 0         | 35243672 | N.D.    | 15.852 # |
| 8)                          | B Heptachlo...  | 5.110  | 5.865  | 18589475  | 2003636  | 1.571   | 1.121 #  |
| 9)                          | A Endosulfan I  | 5.411  | 6.176  | 29640301  | 4480494  | 2.597   | 2.483    |
| 10)                         | B gamma-Chl...  | 5.384f | 0.000  | 101.8E6   | 0        | 7.887   | N.D. #   |
| 11)                         | B alpha-Chl...  | 5.384  | 6.176  | 101.8E6   | 4480494  | 8.182   | 2.364 #  |
| 12)                         | B 4,4'-DDE      | 5.519  | 6.345  | 17675817  | -2185488 | 1.391   | N.D. #   |
| 14)                         | MA Endrin       | 0.000  | 6.703f | 0         | 13468494 | N.D.    | 7.987 #  |
| 15)                         | B Endosulfa...  | 6.222  | 6.825f | 11055842  | 7356471  | 0.942   | 4.178 #  |
| 16)                         | A 4,4'-DDD      | 6.083  | 6.825  | -21193037 | 7356471  | N.D.    | 5.158    |
| 17)                         | MA 4,4'-DDT     | 0.000  | 7.130f | 0         | 6428576  | N.D.    | 4.821 #  |
| 18)                         | B Endrin al...  | 0.000  | 7.000  | 0         | 3454653  | N.D.    | 2.333 #  |
| 19)                         | B Endosulfa...  | 6.602  | 7.235  | 64337447  | 4412570  | 5.808   | 2.736 #  |
| 20)                         | A Methoxychlor  | 6.783f | 7.496f | 50908277  | 6873776  | 8.762   | 8.433    |
| 23)                         | Chlordane-1     | 4.292  | 5.018  | -33201830 | 35243672 | N.D.    | 455.784  |
| 24)                         | Chlordane-2     | 4.384  | 5.148  | 194.9E6   | 1618511  | 317.344 | 13.792 # |
| 25)                         | Chlordane-3     | 5.384  | 0.000  | 101.8E6   | 0        | 68.196  | N.D. #   |
| 26)                         | Chlordane-4     | 5.384  | 6.176  | 101.8E6   | 4480494  | 79.139  | 13.714 # |
| 27)                         | Chlordane-5     | 6.222  | 7.000  | 11055842  | 3454653  | 22.361  | 57.324 # |
| -----                       |                 |        |        |           |          |         |          |

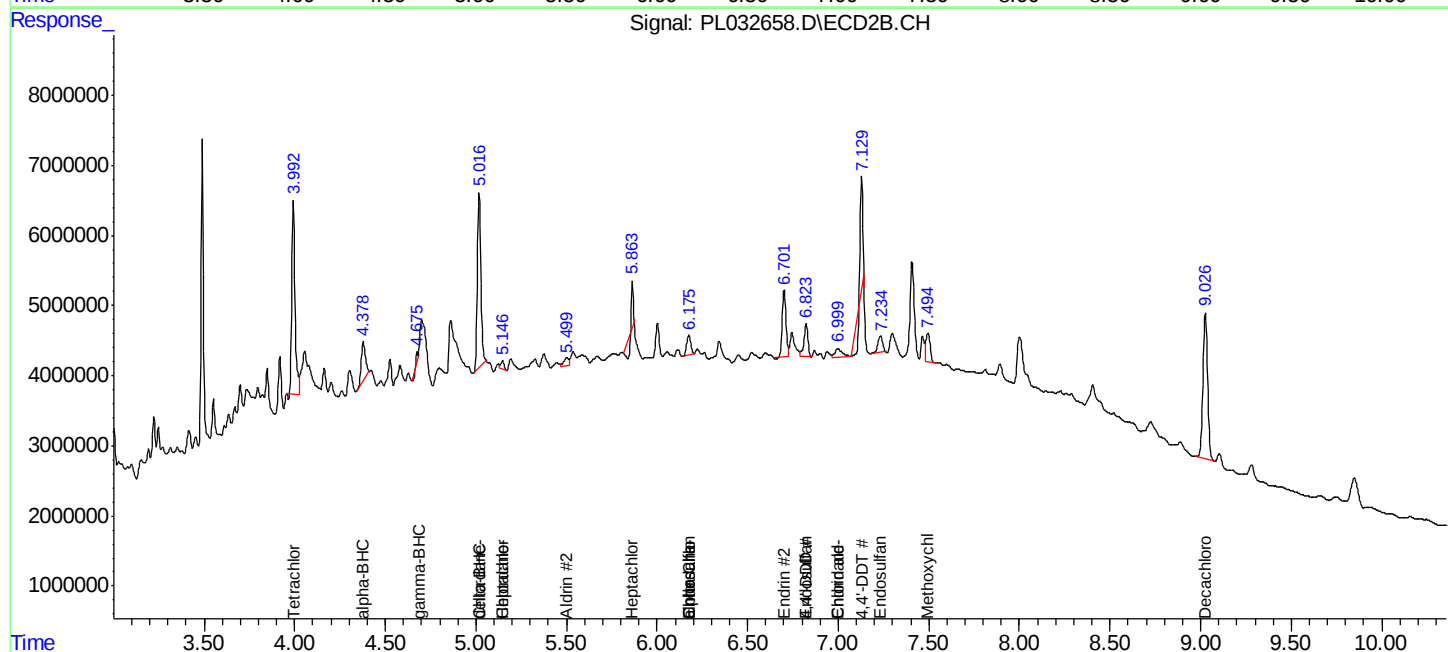
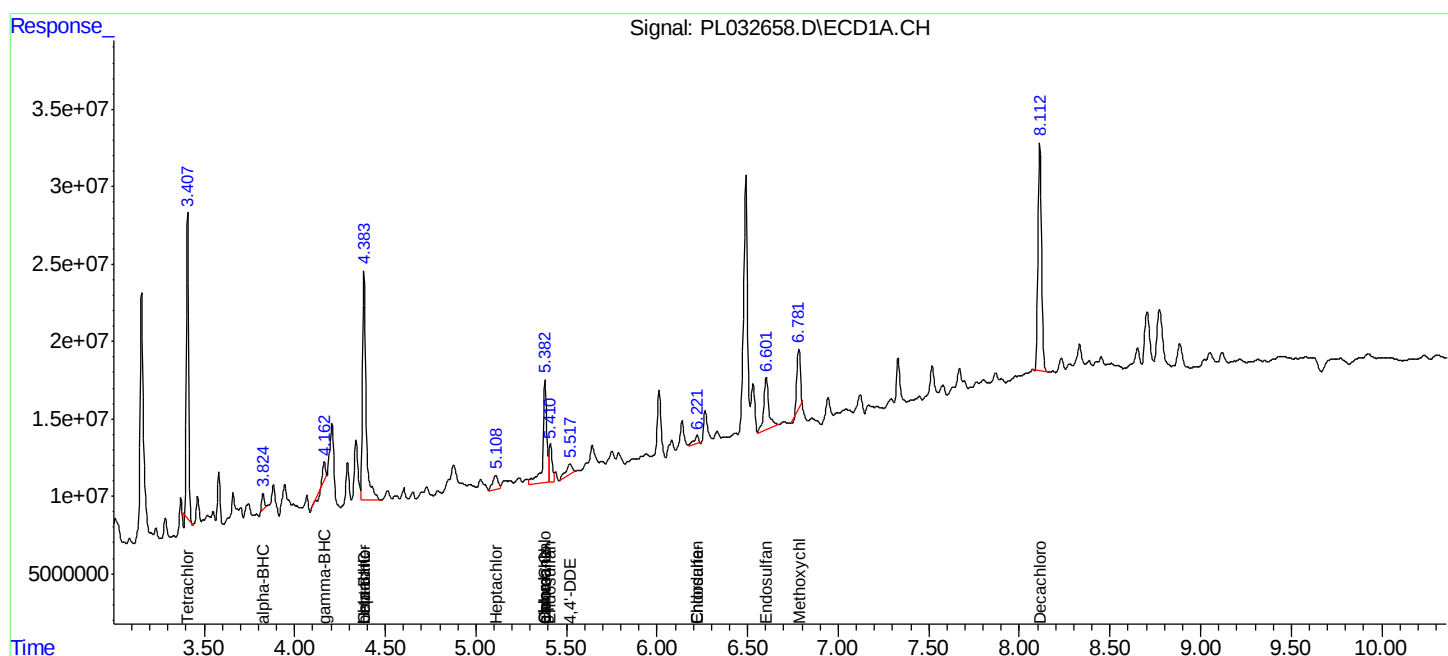
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

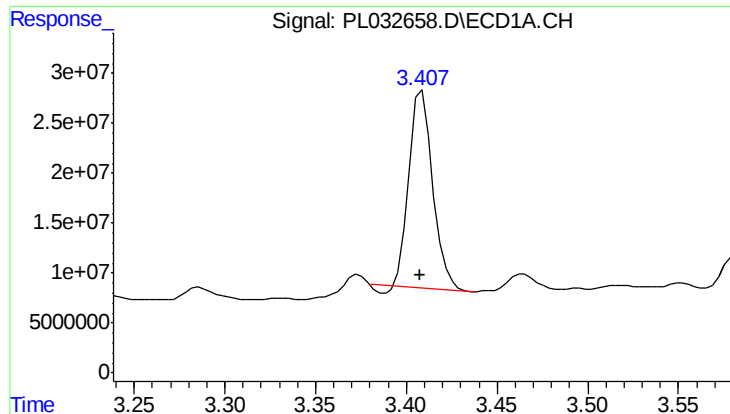
Data Path : P:\HPCHEM1\ECD\_L\Data\PL012918\  
Data File : PL032658.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 29 Jan 2018 22:18  
Operator : UA\AJ  
Sample : J1341-01  
Misc :  
ALS Vial : 46 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
CHASIS-WASH

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jan 30 01:15:27 2018  
Quant Method : P:\HPCHEM1\ECD\_L\methods\PL012618.M  
Quant Title : GC Extractables  
QLast Update : Sat Jan 27 04:03:48 2018  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

Volume Inj. : 2 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 x0.25µm

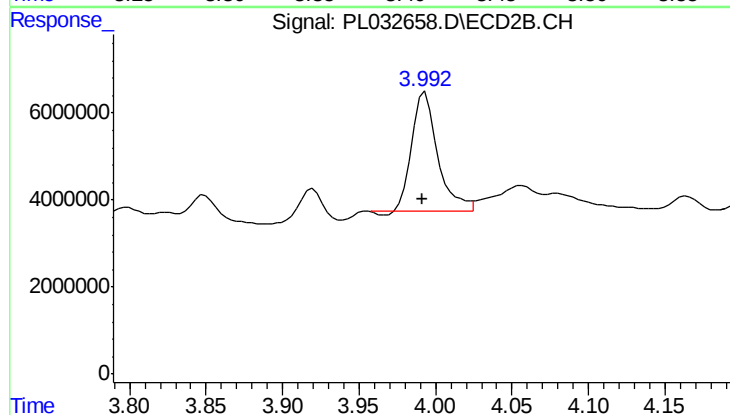




#1 Tetrachloro-m-xylene

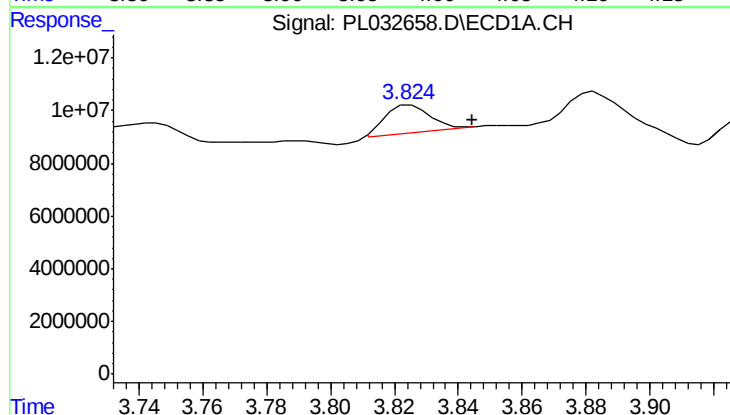
R.T.: 3.409 min  
Delta R.T.: 0.001 min  
Response: 178323884  
Conc: 19.95 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CHASIS-WASH



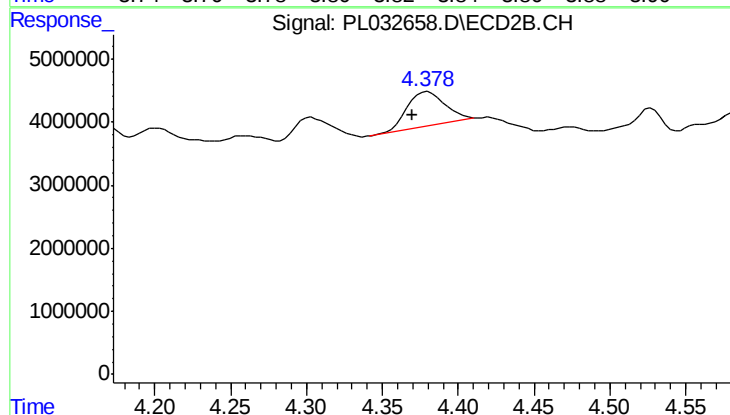
#1 Tetrachloro-m-xylene

R.T.: 3.993 min  
Delta R.T.: 0.002 min  
Response: 32170695  
Conc: 25.69 ng/ml



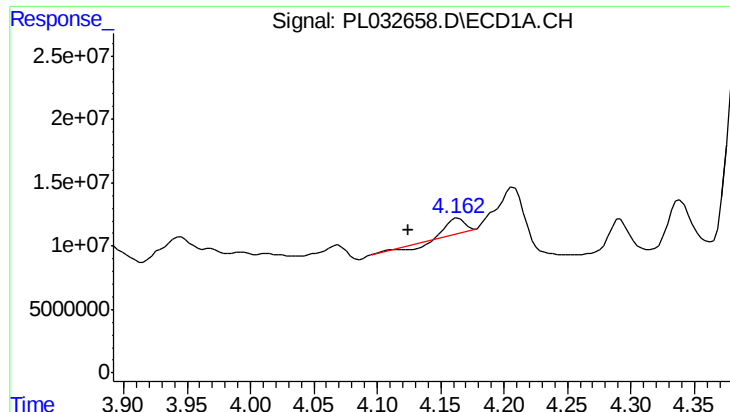
#2 alpha-BHC

R.T.: 3.825 min  
Delta R.T.: -0.019 min  
Response: 10205877  
Conc: 0.73 ng/ml



#2 alpha-BHC

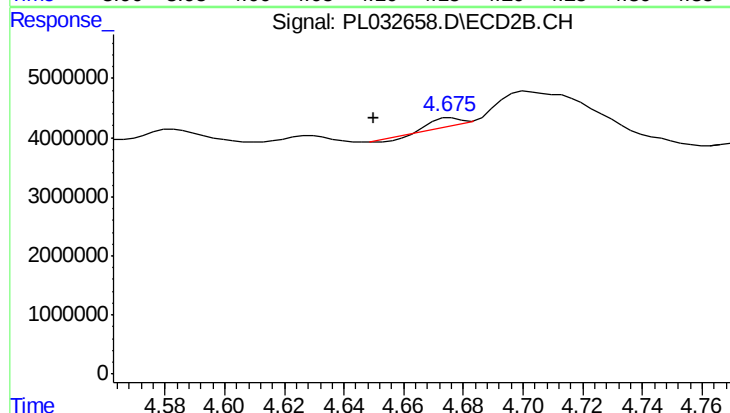
R.T.: 4.380 min  
Delta R.T.: 0.010 min  
Response: 9809373  
Conc: 4.23 ng/ml



#3 gamma-BHC (Lindane)

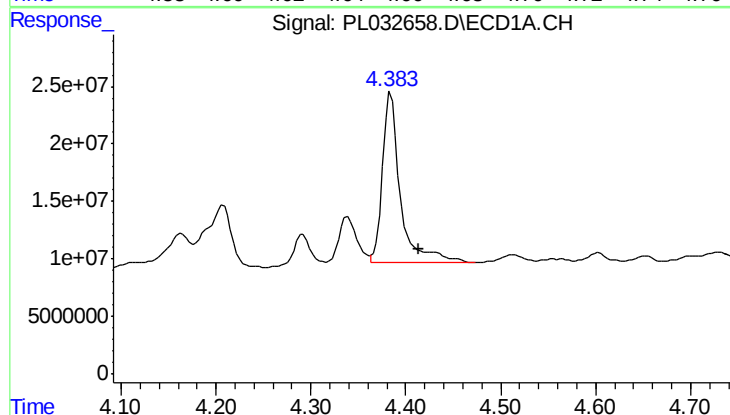
R.T.: 4.164 min  
Delta R.T.: 0.039 min  
Response: 8573429  
Conc: 0.66 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CHASIS-WASH



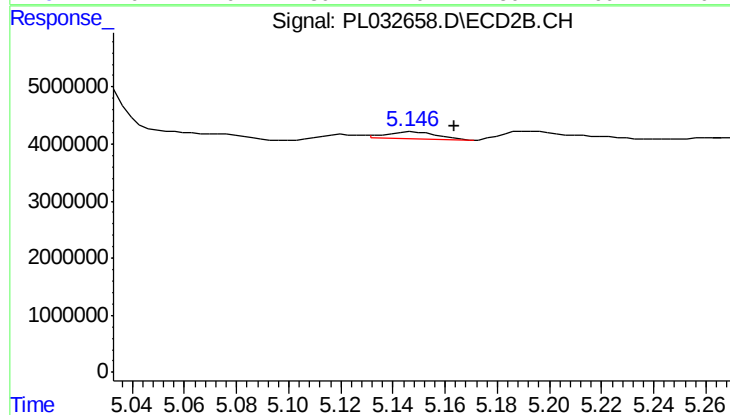
#3 gamma-BHC (Lindane)

R.T.: 4.676 min  
Delta R.T.: 0.026 min  
Response: 490588  
Conc: 0.23 ng/ml



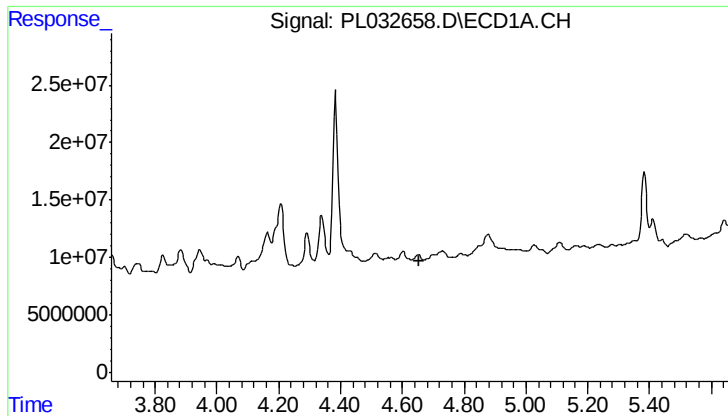
#4 Heptachlor

R.T.: 4.384 min  
Delta R.T.: -0.030 min  
Response: 194860311  
Conc: 14.72 ng/ml



#4 Heptachlor

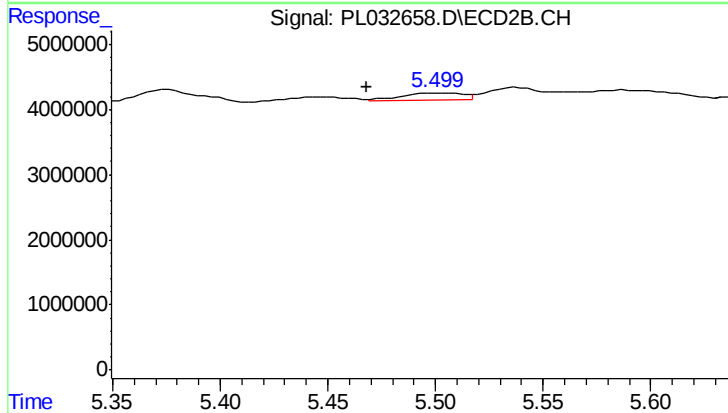
R.T.: 5.148 min  
Delta R.T.: -0.016 min  
Response: 1618511  
Conc: 0.78 ng/ml



#5 Aldrin

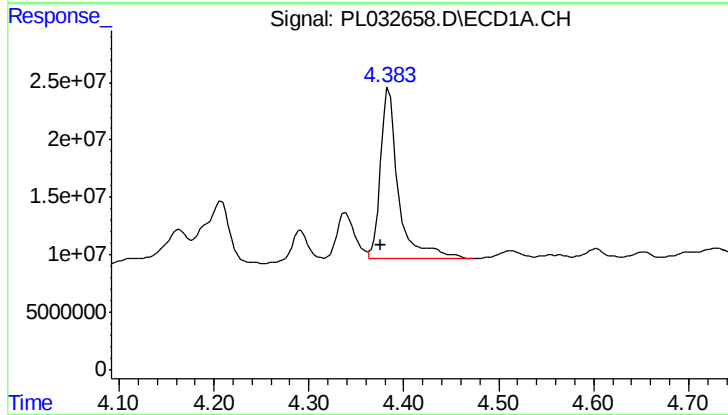
R.T.: 0.000 min  
Exp R.T.: 4.656 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
CHASIS-WASH



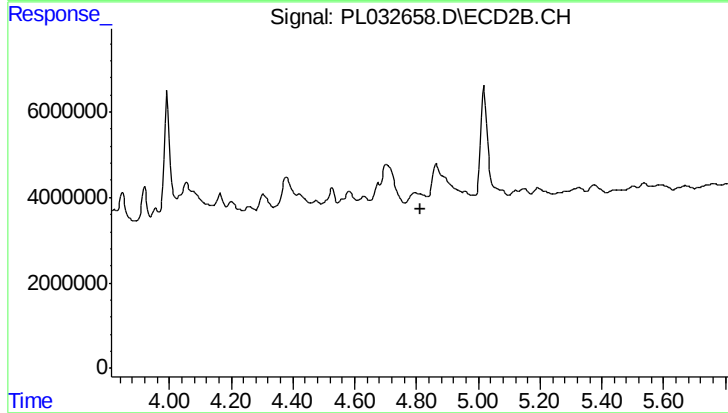
#5 Aldrin

R.T.: 5.501 min  
Delta R.T.: 0.033 min  
Response: 2337344  
Conc: 1.12 ng/ml



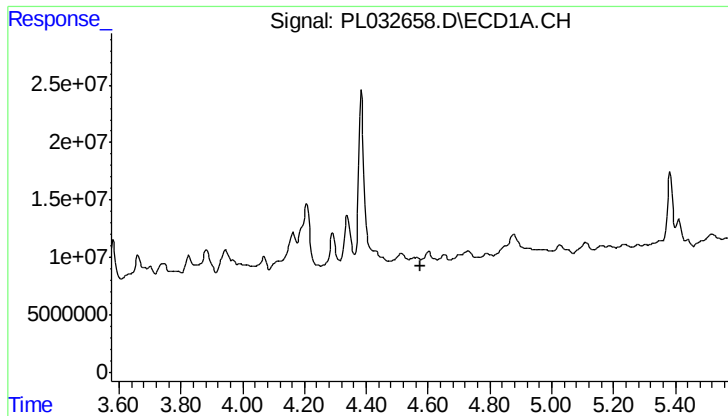
#6 beta-BHC

R.T.: 4.384 min  
Delta R.T.: 0.008 min  
Response: 194860311  
Conc: 34.12 ng/ml



#6 beta-BHC

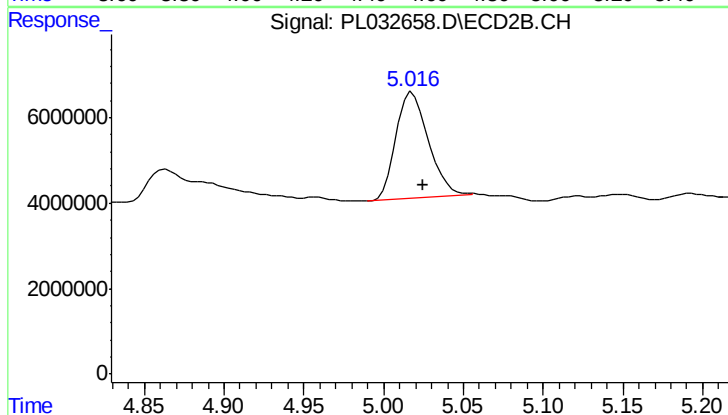
R.T.: 0.000 min  
Exp R.T.: 4.811 min  
Response: 0  
Conc: N.D.



#7 delta-BHC

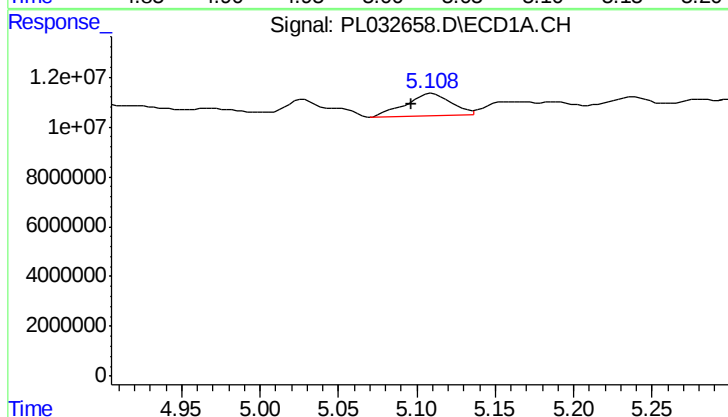
R.T.: 0.000 min  
Exp R.T.: 4.574 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
CHASIS-WASH



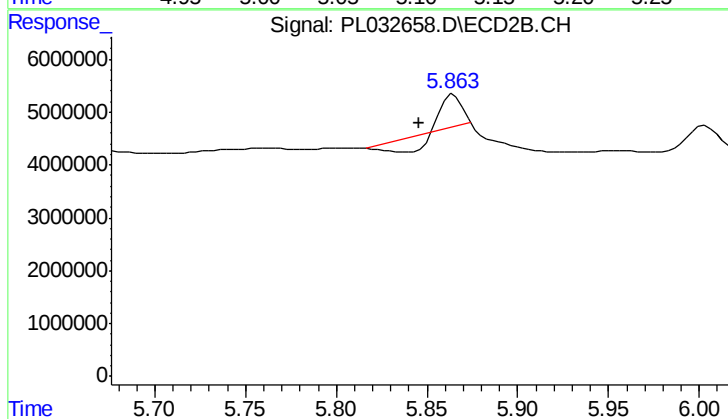
#7 delta-BHC

R.T.: 5.018 min  
Delta R.T.: -0.007 min  
Response: 35243672  
Conc: 15.85 ng/ml



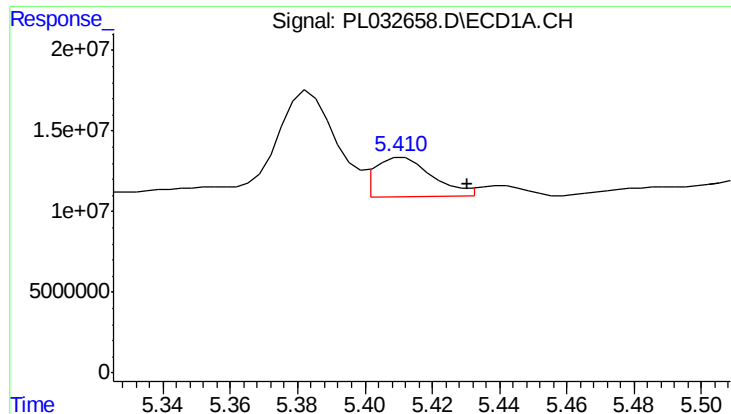
#8 Heptachlor epoxide

R.T.: 5.110 min  
Delta R.T.: 0.013 min  
Response: 18589475  
Conc: 1.57 ng/ml



#8 Heptachlor epoxide

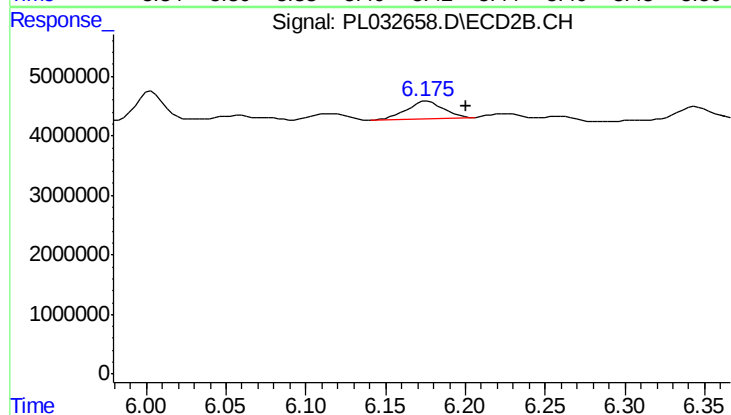
R.T.: 5.865 min  
Delta R.T.: 0.019 min  
Response: 2003636  
Conc: 1.12 ng/ml



#9 Endosulfan I

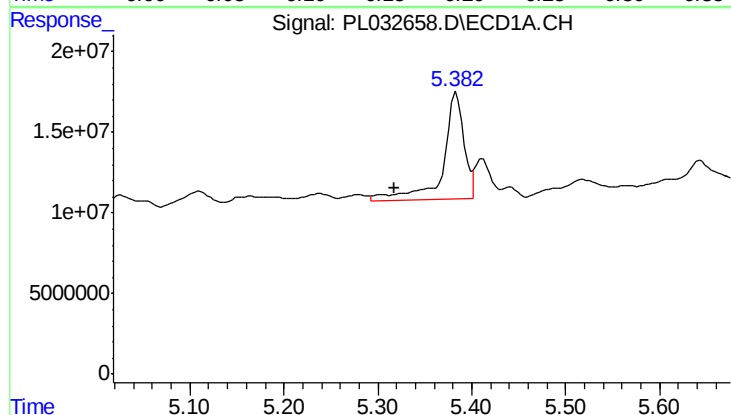
R.T.: 5.411 min  
Delta R.T.: -0.019 min  
Response: 29640301  
Conc: 2.60 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CHASIS-WASH



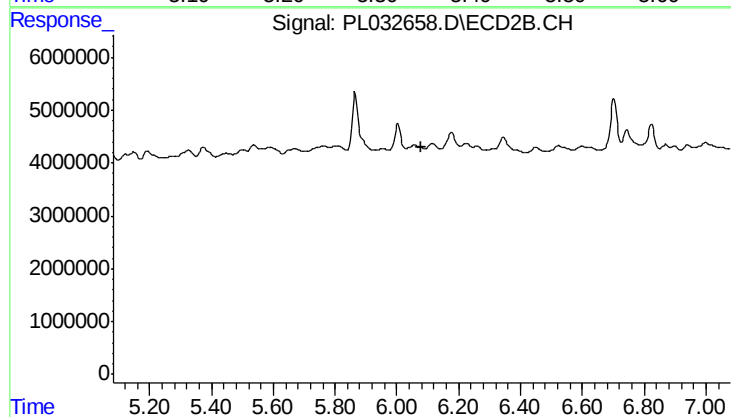
#9 Endosulfan I

R.T.: 6.176 min  
Delta R.T.: -0.024 min  
Response: 4480494  
Conc: 2.48 ng/ml



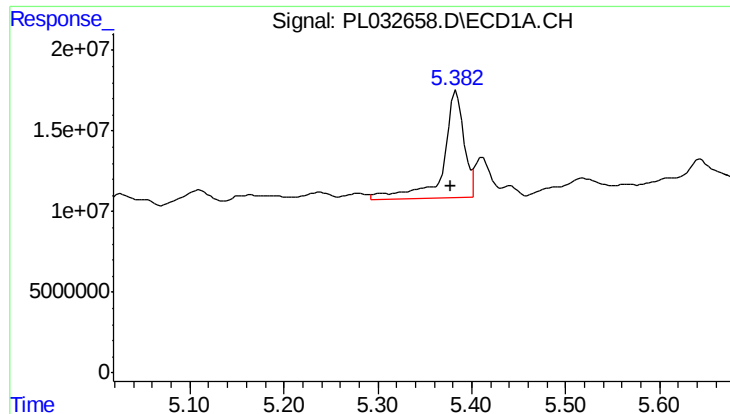
#10 gamma-Chlordane

R.T.: 5.384 min  
Delta R.T.: 0.066 min  
Response: 101791597  
Conc: 7.89 ng/ml



#10 gamma-Chlordane

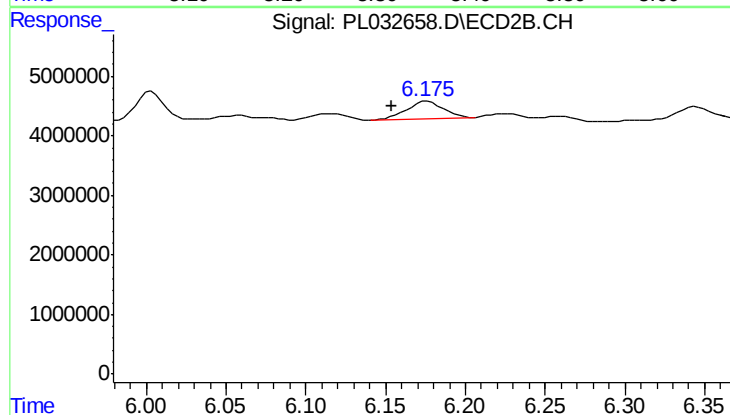
R.T.: 0.000 min  
Exp R.T.: 6.081 min  
Response: 0  
Conc: N.D.



#11 alpha-Chlordane

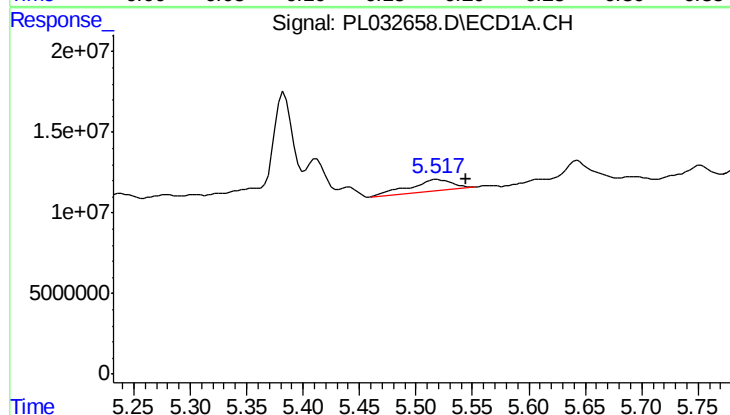
R.T.: 5.384 min  
Delta R.T.: 0.006 min  
Response: 101791597  
Conc: 8.18 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CHASIS-WASH



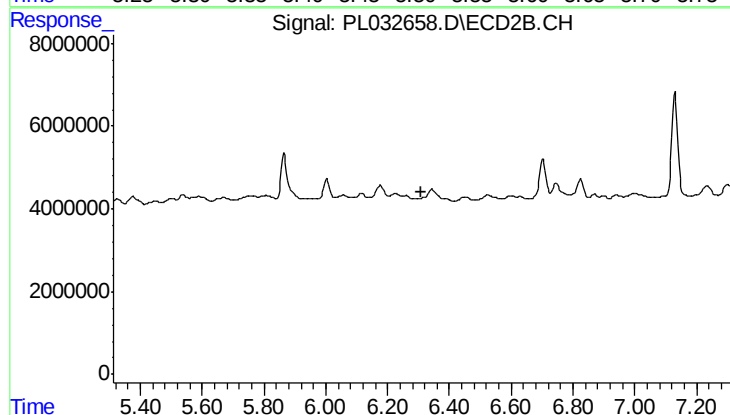
#11 alpha-Chlordane

R.T.: 6.176 min  
Delta R.T.: 0.022 min  
Response: 4480494  
Conc: 2.36 ng/ml



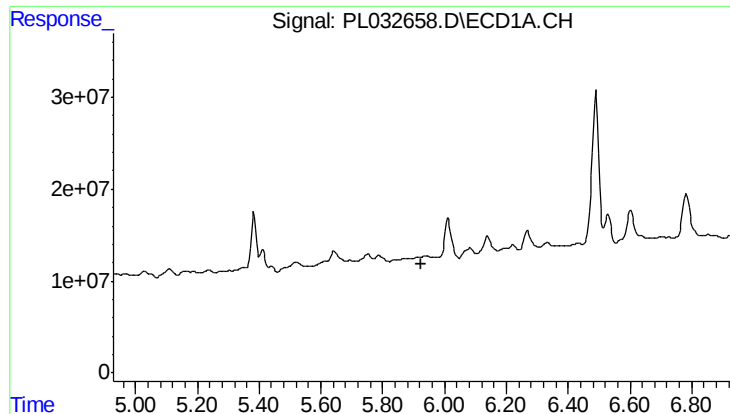
#12 4,4'-DDE

R.T.: 5.519 min  
Delta R.T.: -0.025 min  
Response: 17675817  
Conc: 1.39 ng/ml



#12 4,4'-DDE

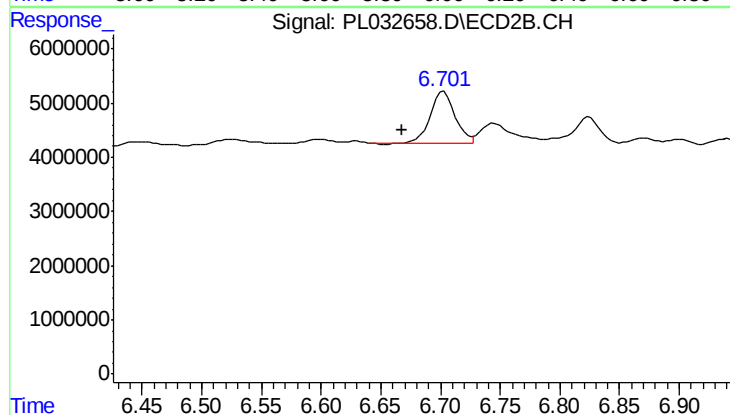
R.T.: 6.345 min  
Delta R.T.: 0.035 min  
Response: -2185488  
Conc: N.D.



#14 Endrin

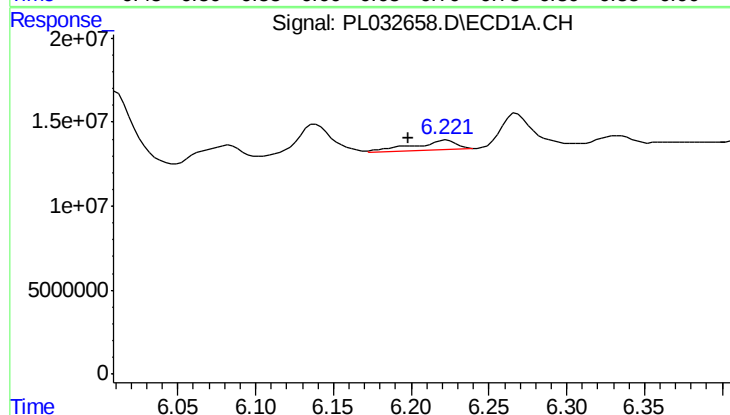
R.T.: 0.000 min  
Exp R.T.: 5.927 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
CHASIS-WASH



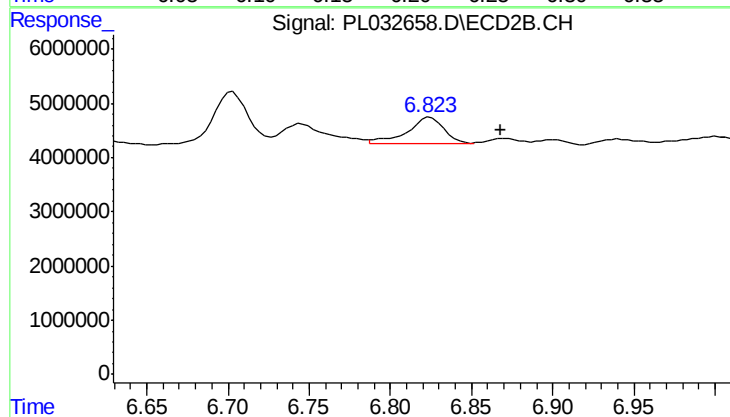
#14 Endrin

R.T.: 6.703 min  
Delta R.T.: 0.035 min  
Response: 13468494  
Conc: 7.99 ng/ml



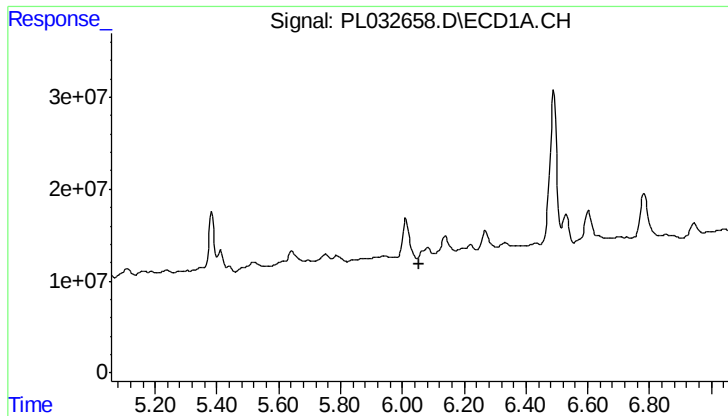
#15 Endosulfan II

R.T.: 6.222 min  
Delta R.T.: 0.024 min  
Response: 11055842  
Conc: 0.94 ng/ml



#15 Endosulfan II

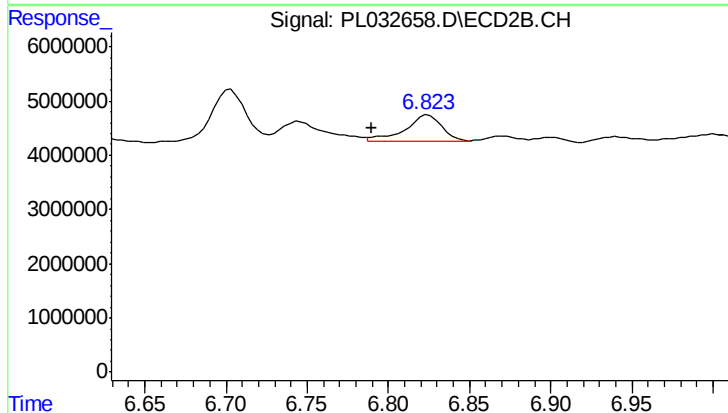
R.T.: 6.825 min  
Delta R.T.: -0.043 min  
Response: 7356471  
Conc: 4.18 ng/ml



#16 4,4'-DDD

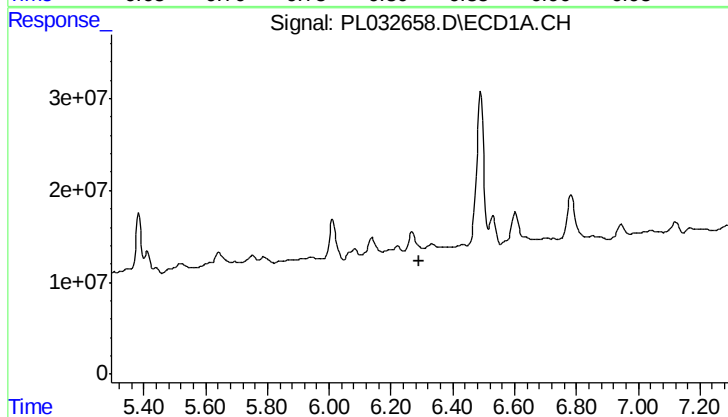
R.T.: 6.083 min  
Delta R.T.: 0.026 min  
Response: -21193037  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
CHASIS-WASH



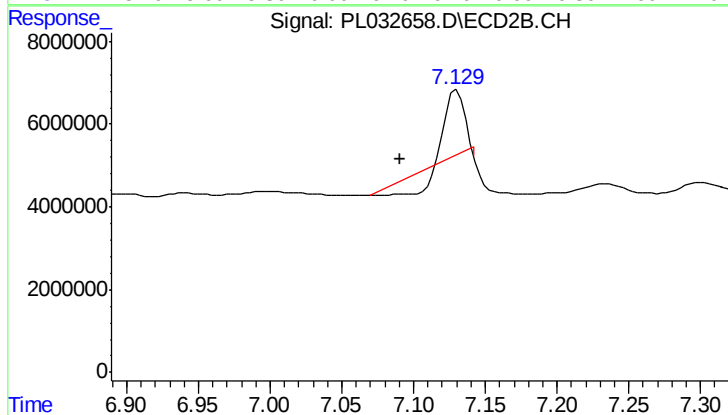
#16 4,4'-DDD

R.T.: 6.825 min  
Delta R.T.: 0.035 min  
Response: 7356471  
Conc: 5.16 ng/ml



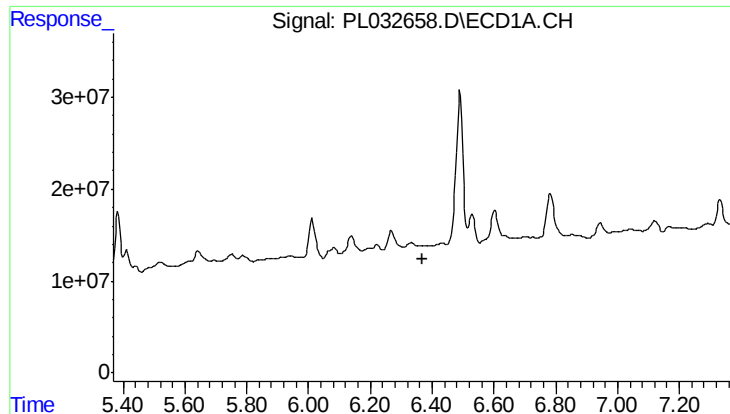
#17 4,4'-DDT

R.T.: 0.000 min  
Exp R.T.: 6.293 min  
Response: 0  
Conc: N.D.



#17 4,4'-DDT

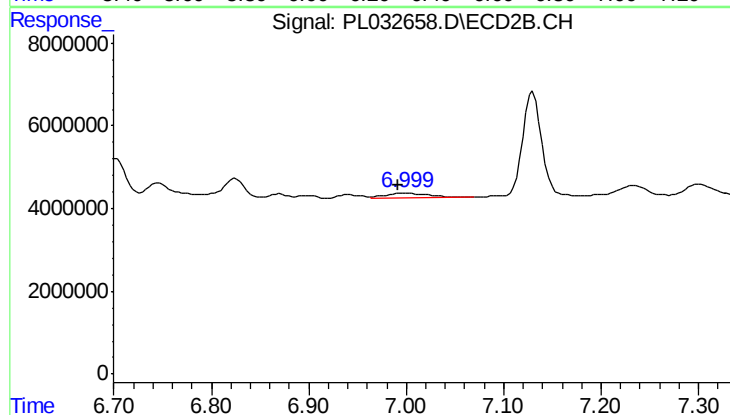
R.T.: 7.130 min  
Delta R.T.: 0.040 min  
Response: 6428576  
Conc: 4.82 ng/ml



#18 Endrin aldehyde

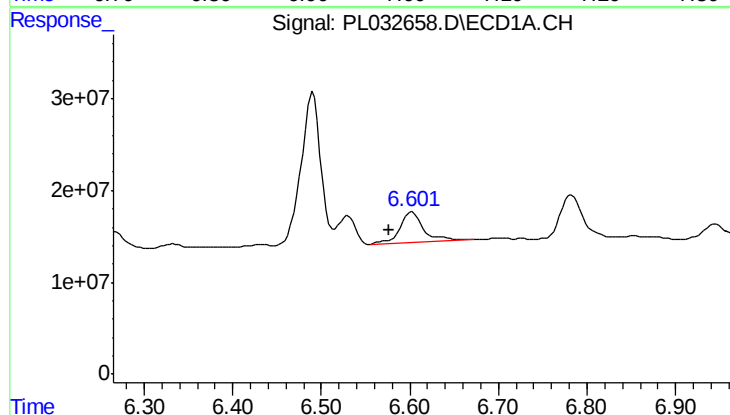
R.T.: 0.000 min  
Exp R.T.: 6.369 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_L  
ClientSampleId :  
CHASIS-WASH



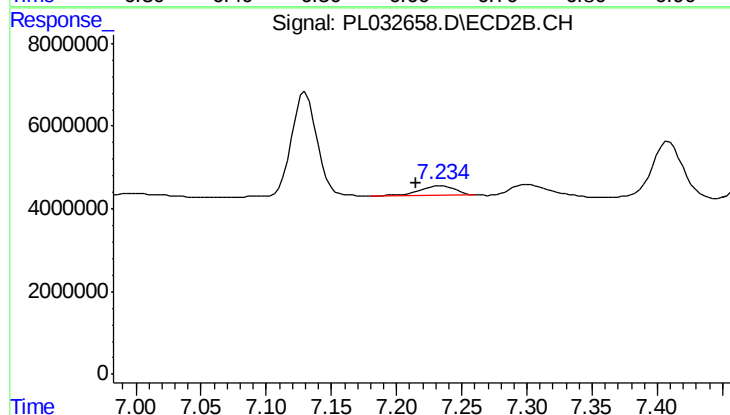
#18 Endrin aldehyde

R.T.: 7.000 min  
Delta R.T.: 0.008 min  
Response: 3454653  
Conc: 2.33 ng/ml



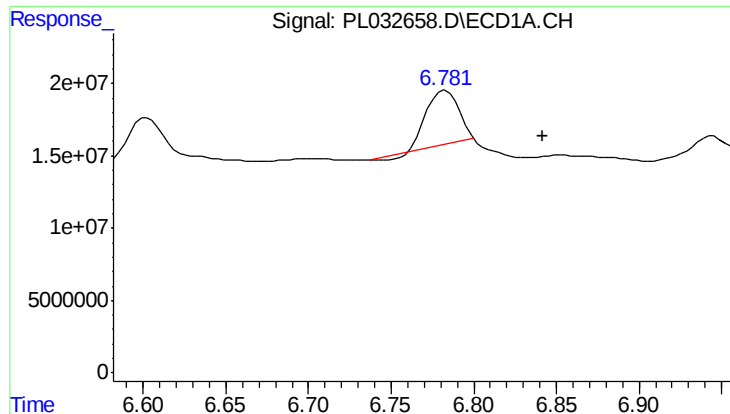
#19 Endosulfan Sulfate

R.T.: 6.602 min  
Delta R.T.: 0.025 min  
Response: 64337447  
Conc: 5.81 ng/ml



#19 Endosulfan Sulfate

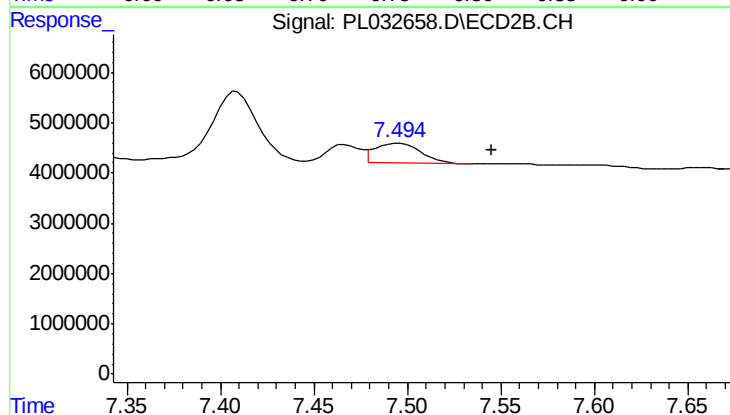
R.T.: 7.235 min  
Delta R.T.: 0.020 min  
Response: 4412570  
Conc: 2.74 ng/ml



#20 Methoxychlor

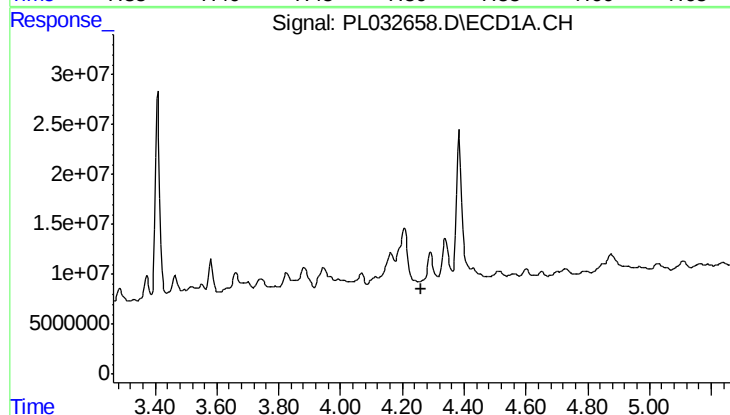
R.T.: 6.783 min  
Delta R.T.: -0.059 min  
Response: 50908277  
Conc: 8.76 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CHASIS-WASH



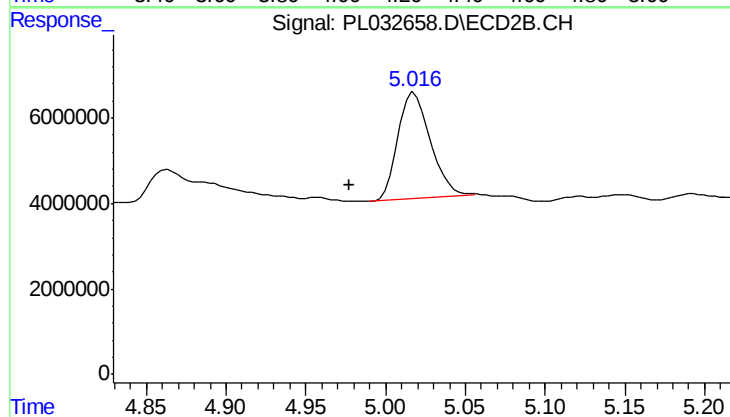
#20 Methoxychlor

R.T.: 7.496 min  
Delta R.T.: -0.050 min  
Response: 6873776  
Conc: 8.43 ng/ml



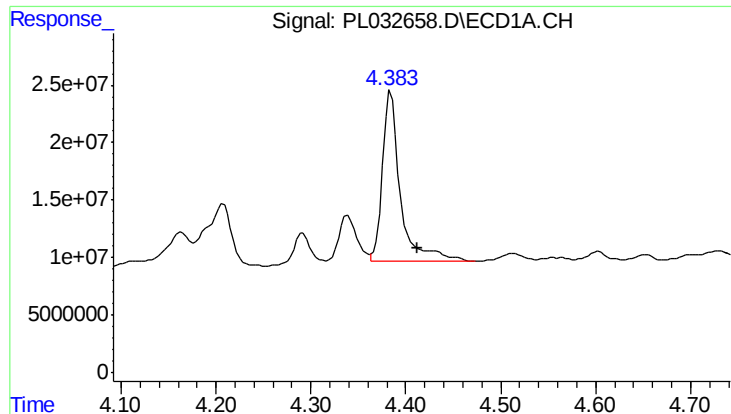
#23 Chlordane-1

R.T.: 4.292 min  
Delta R.T.: 0.029 min  
Response: -33201830  
Conc: N.D.



#23 Chlordane-1

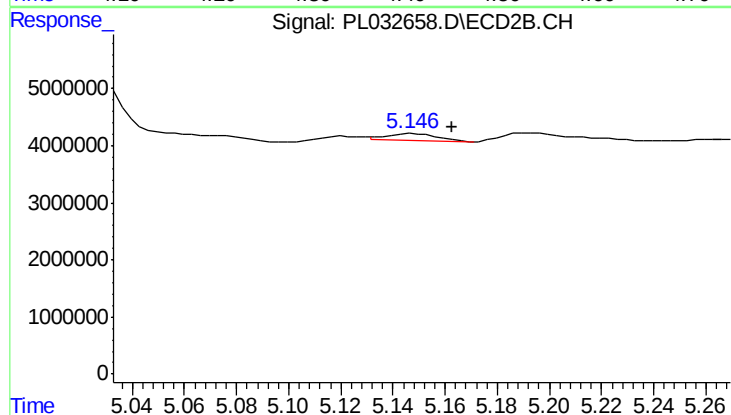
R.T.: 5.018 min  
Delta R.T.: 0.040 min  
Response: 35243672  
Conc: 455.78 ng/ml



#24 Chlordane-2

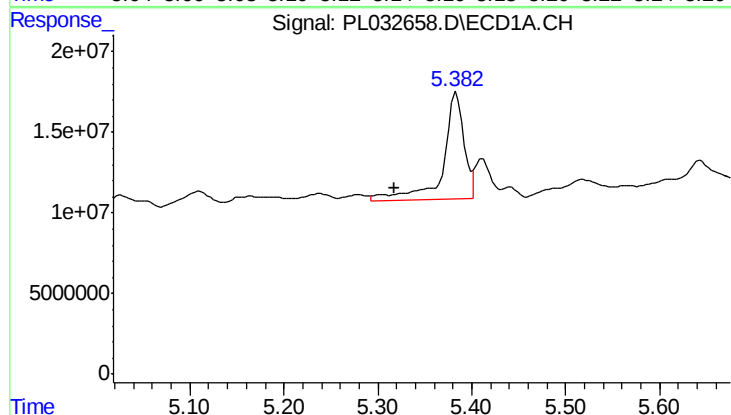
R.T.: 4.384 min  
Delta R.T.: -0.028 min  
Response: 194860311  
Conc: 317.34 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CHASIS-WASH



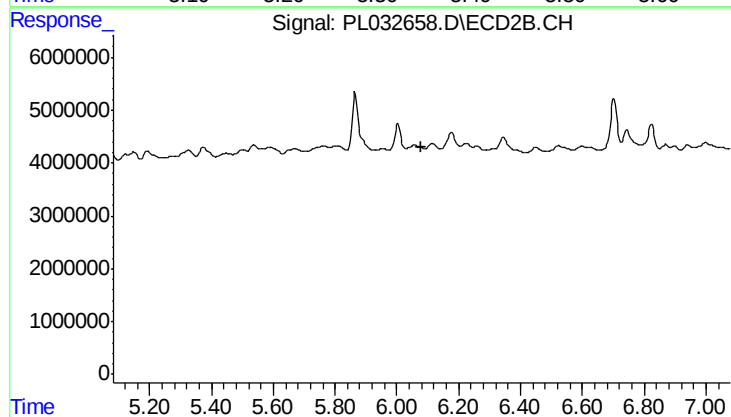
#24 Chlordane-2

R.T.: 5.148 min  
Delta R.T.: -0.015 min  
Response: 1618511  
Conc: 13.79 ng/ml



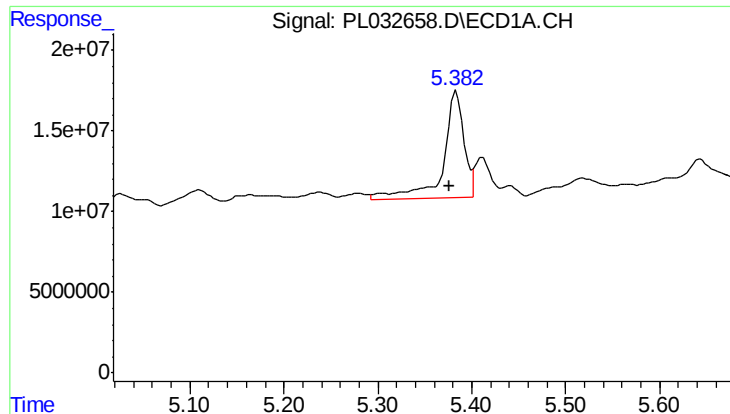
#25 Chlordane-3

R.T.: 5.384 min  
Delta R.T.: 0.066 min  
Response: 101791597  
Conc: 68.20 ng/ml



#25 Chlordane-3

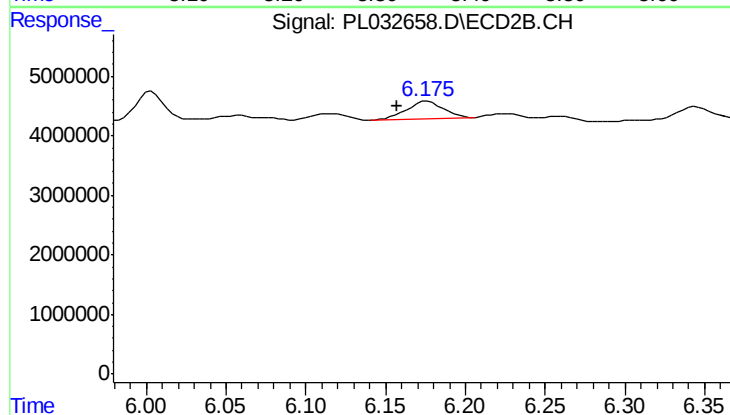
R.T.: 0.000 min  
Exp R.T.: 6.080 min  
Response: 0  
Conc: N.D.



#26 Chlordane-4

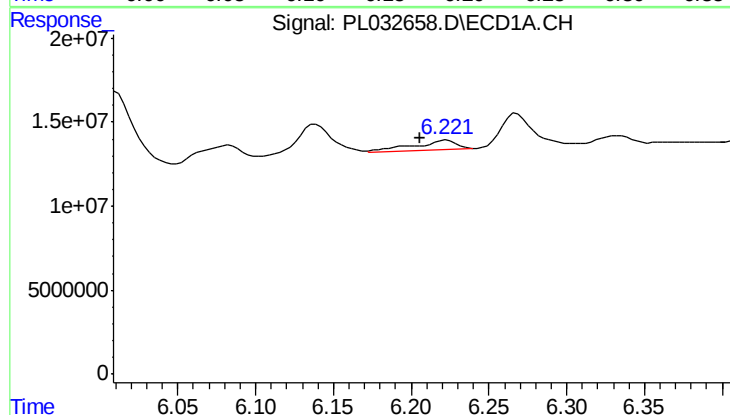
R.T.: 5.384 min  
Delta R.T.: 0.007 min  
Response: 101791597  
Conc: 79.14 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CHASIS-WASH



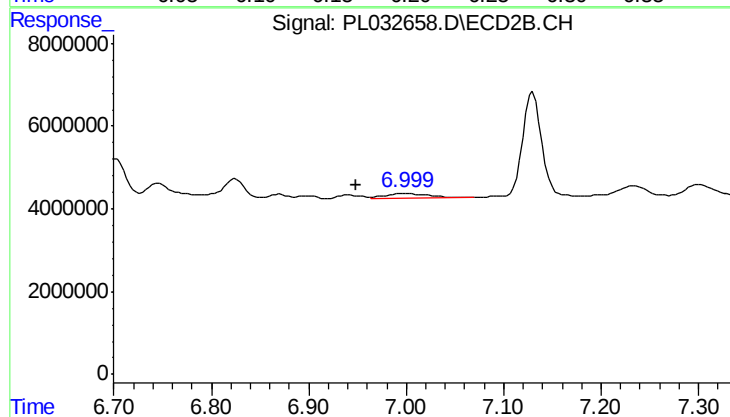
#26 Chlordane-4

R.T.: 6.176 min  
Delta R.T.: 0.019 min  
Response: 4480494  
Conc: 13.71 ng/ml



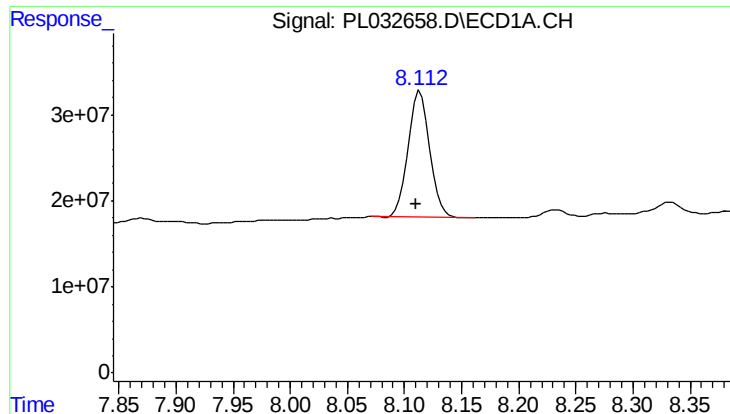
#27 Chlordane-5

R.T.: 6.222 min  
Delta R.T.: 0.017 min  
Response: 11055842  
Conc: 22.36 ng/ml



#27 Chlordane-5

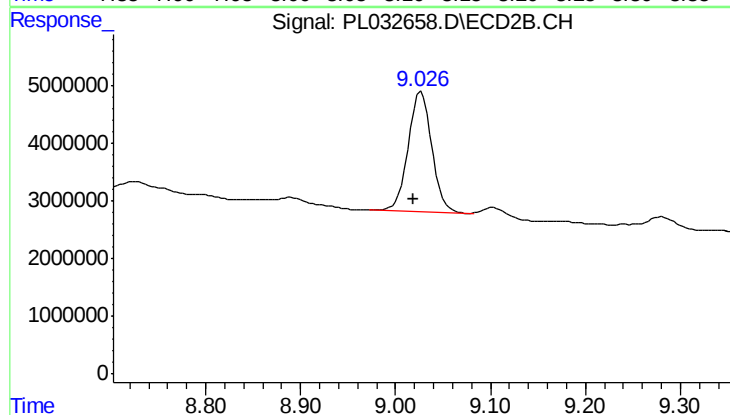
R.T.: 7.000 min  
Delta R.T.: 0.052 min  
Response: 3454653  
Conc: 57.32 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.114 min  
Delta R.T.: 0.004 min  
Response: 190344144  
Conc: 16.36 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
CHASIS-WASH



#28 Decachlorobiphenyl

R.T.: 9.027 min  
Delta R.T.: 0.008 min  
Response: 34745805  
Conc: 18.27 ng/ml