

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042919\  
 Data File : PL047977.D  
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
 Acq On : 29 Apr 2019 16:31  
 Operator : AJ\SJ  
 Sample : K2588-10  
 Misc :  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 ECD\_L  
 ClientSampleId :  
 PST-001-B194-042519

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Apr 30 01:29:06 2019  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042419.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Apr 25 01:53:03 2019  
 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... | 3.328 | 3.940 | 187.8E6  | 50429357 | 20.304 | 21.124  |
| 28)                         | SA Decachlor... | 7.997 | 8.977 | 171.2E6  | 46928197 | 15.295 | 16.440  |
| Target Compounds            |                 |       |       |          |          |        |         |
| 2)                          | A alpha-BHC     | 3.756 | 4.328 | 10085081 | 2549322  | 0.690  | 0.768   |
| 3)                          | MA gamma-BHC... | 4.032 | 4.611 | 8412697  | 2514549  | 0.635  | 0.802 # |
| 4)                          | MA Heptachlor   | 4.317 | 5.115 | 10250992 | 3226401  | 0.719  | 0.960 # |
| 5)                          | MB Aldrin       | 4.555 | 5.418 | 8604953  | 2323553  | 0.618  | 0.744   |
| 6)                          | B beta-BHC      | 4.286 | 4.786 | 4665759  | 935619   | 0.826  | 0.649   |
| 7)                          | B delta-BHC     | 4.479 | 0.000 | 4749888  | 0        | 0.366  | N.D. #  |
| 8)                          | B Heptachlor... | 4.993 | 5.802 | 8972257  | 2973460  | 0.700  | 1.064 # |
| 9)                          | A Endosulfan I  | 5.323 | 6.160 | 7024696  | 2393550  | 0.581  | 0.852 # |
| 10)                         | B gamma-Chl...  | 5.215 | 6.038 | 8773647  | 2375538  | 0.659  | 0.785   |
| 11)                         | B alpha-Chl...  | 5.271 | 6.110 | 8863451  | 2691344  | 0.679  | 0.890 # |
| 12)                         | B 4,4'-DDE      | 5.439 | 6.270 | 8874554  | 2584313  | 0.713  | 0.936 # |
| 13)                         | MA Dieldrin     | 5.562 | 6.415 | 8845231  | 2262321  | 0.681  | 0.774   |
| 14)                         | MA Endrin       | 5.815 | 6.632 | 11159857 | 1896485  | 0.939  | 0.742   |
| 15)                         | B Endosulfa...  | 6.090 | 6.844 | 8342986  | 3394122  | 0.745  | 1.294 # |
| 16)                         | A 4,4'-DDD      | 5.950 | 6.759 | 6380013  | 2893727  | 0.649  | 1.289 # |
| 17)                         | MA 4,4'-DDT     | 6.184 | 7.058 | 5194304  | 2396895  | 0.521  | 1.006 # |
| 18)                         | B Endrin al...  | 6.256 | 6.968 | 7089952  | 2045604  | 0.751  | 0.885   |
| 19)                         | B Endosulfa...  | 6.468 | 7.191 | 7876689  | 2456435  | 0.707  | 0.897 # |
| 21)                         | B Endrin ke...  | 6.949 | 7.659 | 7353001  | 3011427  | 0.620  | 1.071 # |
| 22)                         | Mirex           | 7.125 | 8.109 | 7779542  | 2100603  | 0.829  | 0.903   |
| 24)                         | Chlordane-2     | 0.000 | 5.418 | 0        | 2323553  | N.D.   | 7.467 # |
| 25)                         | Chlordane-3     | 5.271 | 6.110 | 8863451  | 2691344  | 6.723  | 9.085 # |
| 26)                         | Chlordane-4     | 5.323 | 6.160 | 7024696  | 2393550  | 5.717  | 8.691 # |
| 27)                         | Chlordane-5     | 6.090 | 6.968 | 8342986  | 2045604  | 19.678 | 9.077 # |
| -----                       |                 |       |       |          |          |        |         |

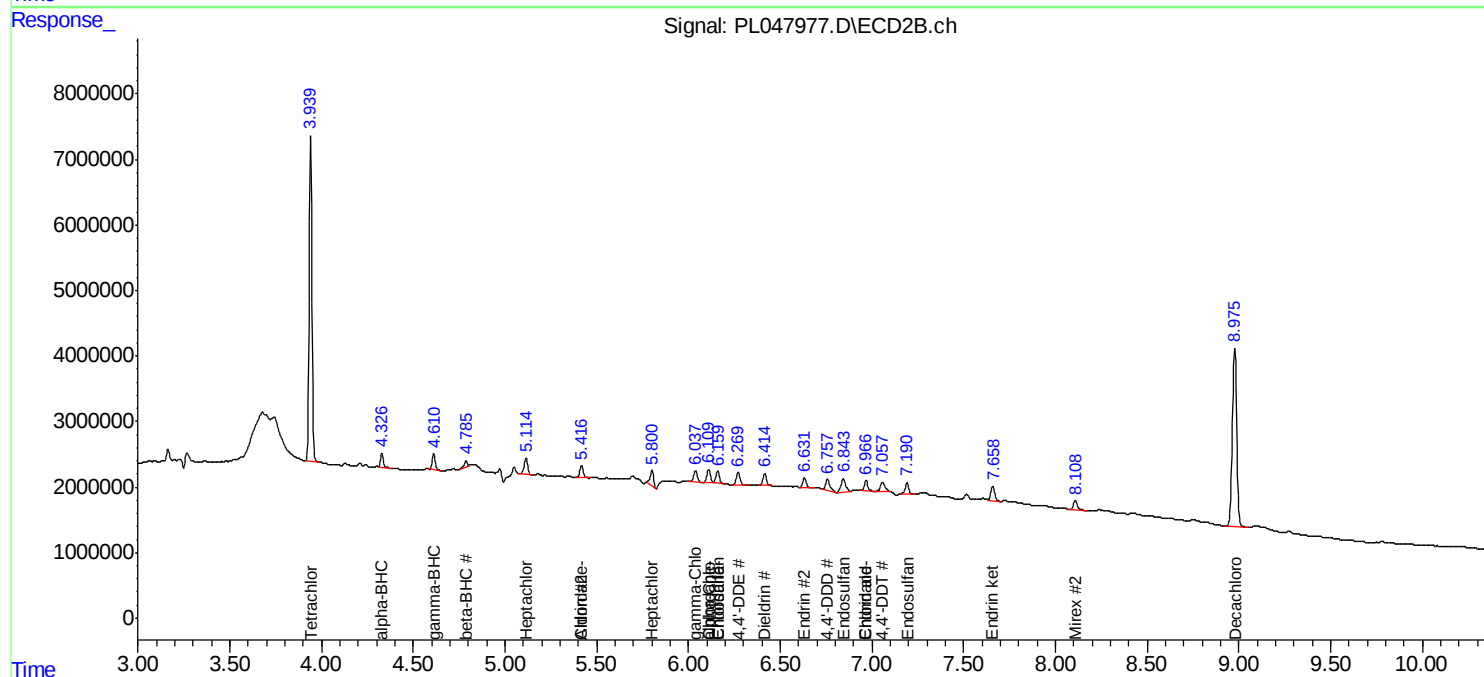
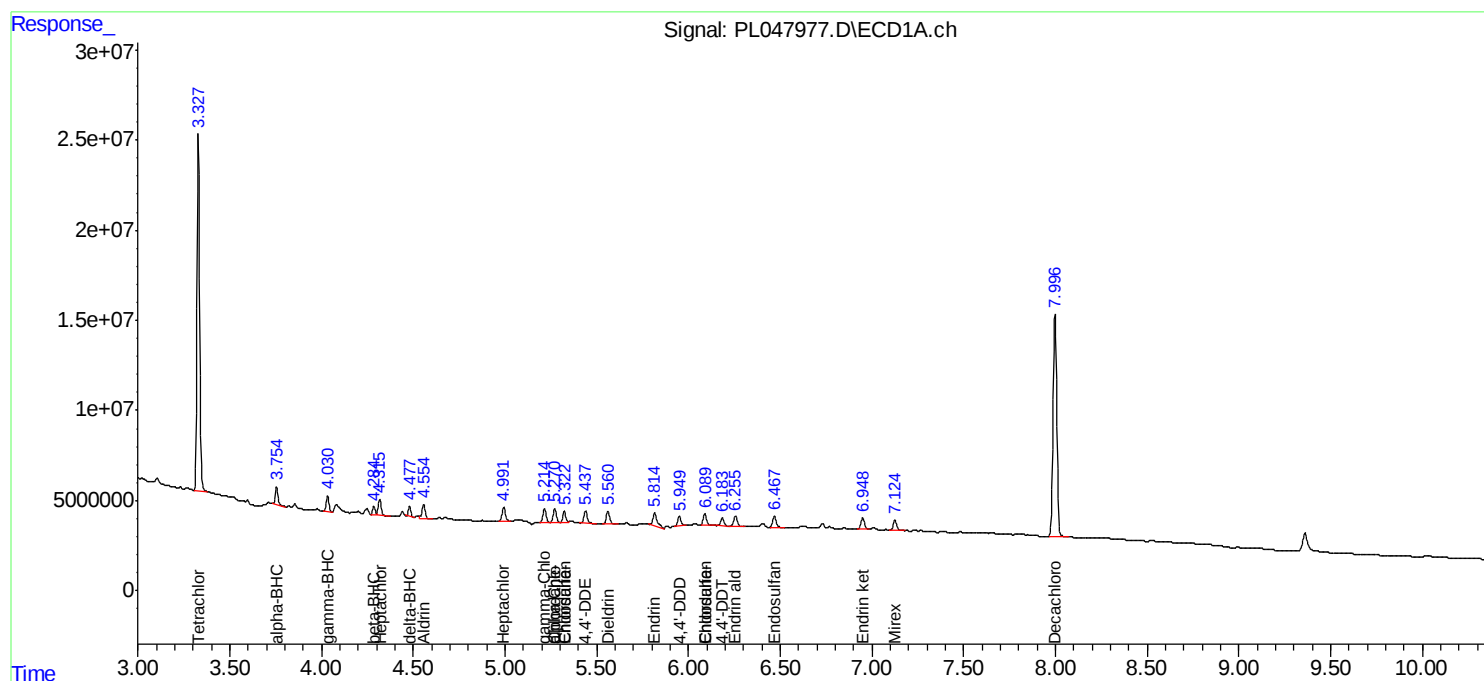
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

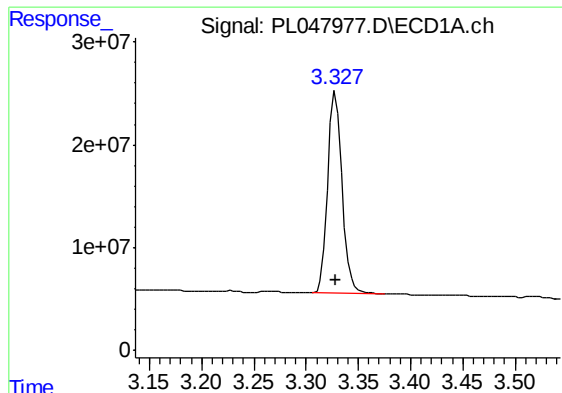
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_L\Data\PL042919\  
Data File : PL047977.D  
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch  
Acq On : 29 Apr 2019 16:31  
Operator : AJ\SJ  
Sample : K2588-10  
Misc :  
ALS Vial : 24 Sample Multiplier: 1

Instrument :  
ECD\_L  
ClientSampleId :  
PST-001-B194-042519

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Apr 30 01:29:06 2019  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_L\methods\PL042419.M  
Quant Title : GC Extractables  
QLast Update : Thu Apr 25 01:53:03 2019  
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

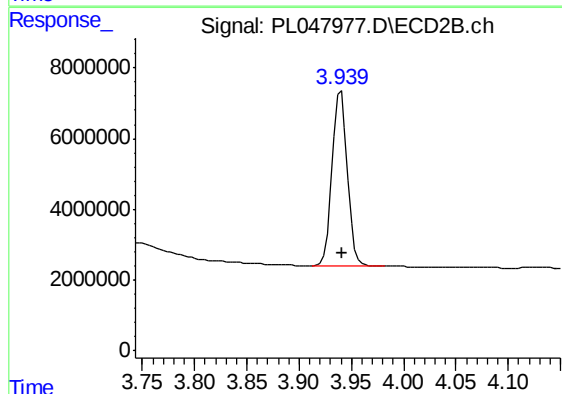




#1 Tetrachloro-m-xylene

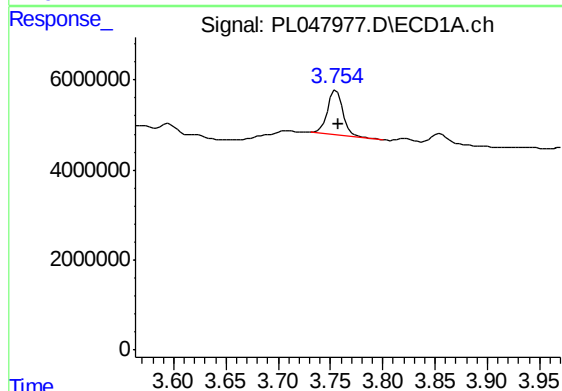
R.T.: 3.328 min  
Delta R.T.: 0.000 min  
Response: 187772542  
Conc: 20.30 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PST-001-B194-042519



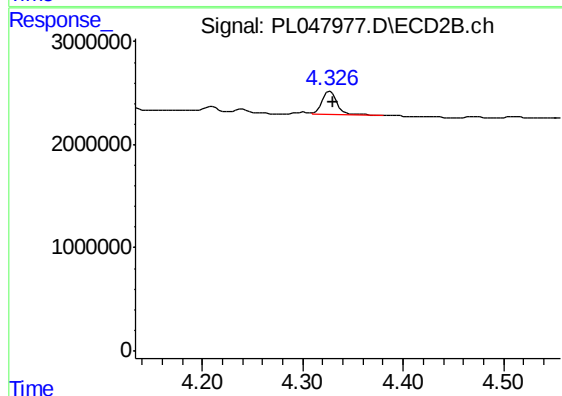
#1 Tetrachloro-m-xylene

R.T.: 3.940 min  
Delta R.T.: -0.002 min  
Response: 50429357  
Conc: 21.12 ng/ml



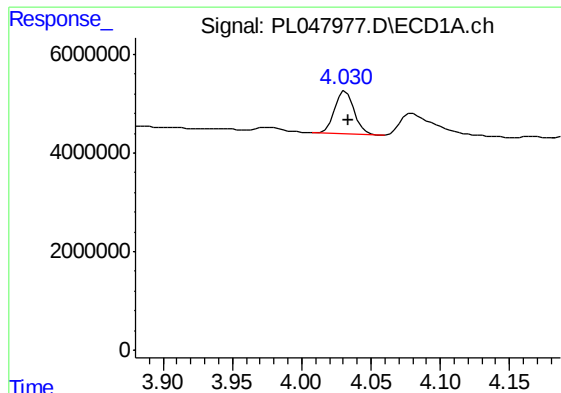
#2 alpha-BHC

R.T.: 3.756 min  
Delta R.T.: -0.002 min  
Response: 10085081  
Conc: 0.69 ng/ml



#2 alpha-BHC

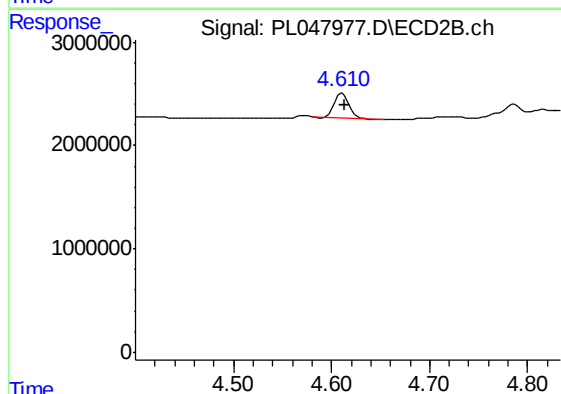
R.T.: 4.328 min  
Delta R.T.: -0.002 min  
Response: 2549322  
Conc: 0.77 ng/ml



#3 gamma-BHC (Lindane)

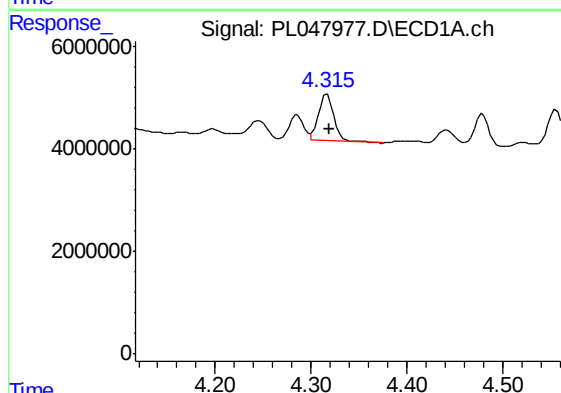
R.T.: 4.032 min  
Delta R.T.: -0.002 min  
Response: 8412697  
Conc: 0.63 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PST-001-B194-042519



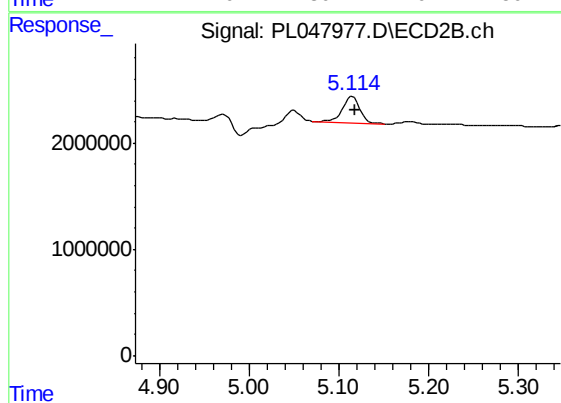
#3 gamma-BHC (Lindane)

R.T.: 4.611 min  
Delta R.T.: -0.003 min  
Response: 2514549  
Conc: 0.80 ng/ml



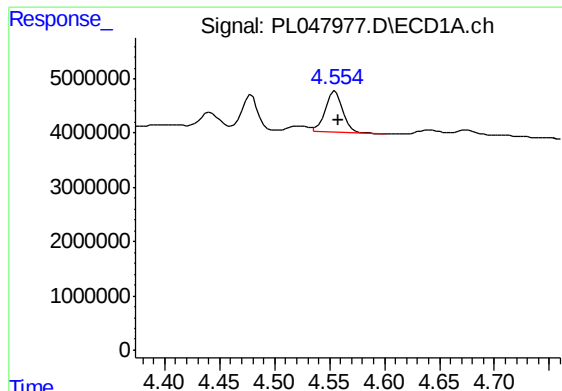
#4 Heptachlor

R.T.: 4.317 min  
Delta R.T.: -0.002 min  
Response: 10250992  
Conc: 0.72 ng/ml



#4 Heptachlor

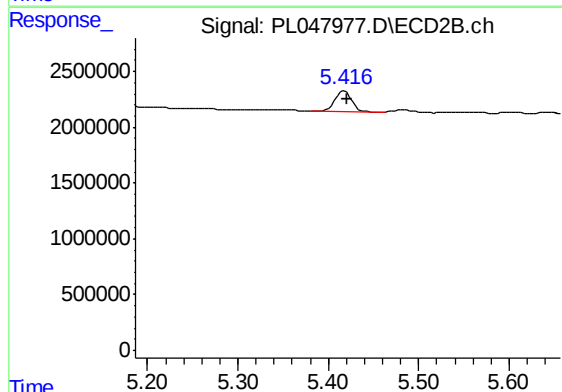
R.T.: 5.115 min  
Delta R.T.: -0.003 min  
Response: 3226401  
Conc: 0.96 ng/ml



#5 Aldrin

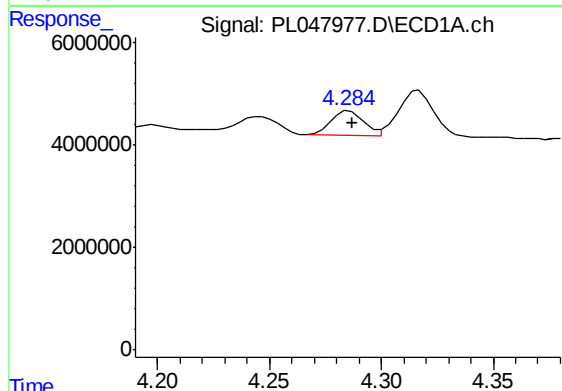
R.T.: 4.555 min  
Delta R.T.: -0.003 min  
Response: 8604953  
Conc: 0.62 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PST-001-B194-042519



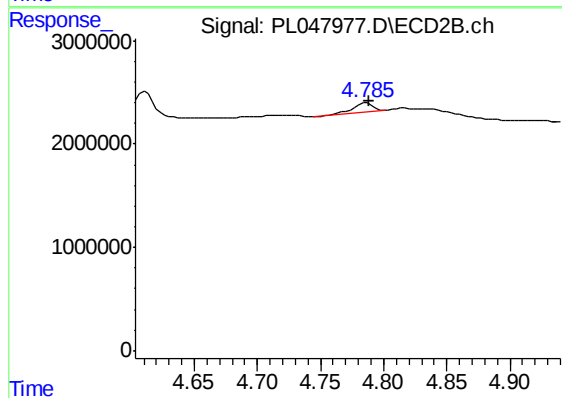
#5 Aldrin

R.T.: 5.418 min  
Delta R.T.: -0.004 min  
Response: 2323553  
Conc: 0.74 ng/ml



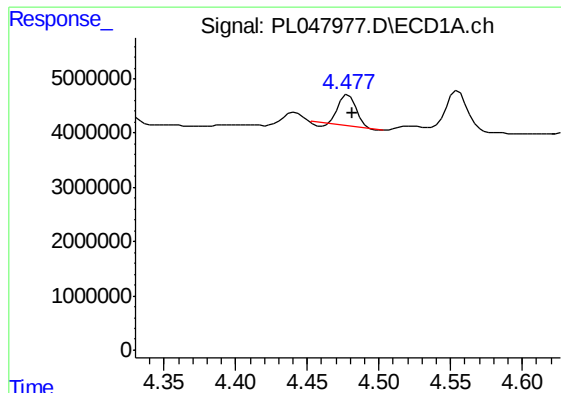
#6 beta-BHC

R.T.: 4.286 min  
Delta R.T.: -0.001 min  
Response: 4665759  
Conc: 0.83 ng/ml



#6 beta-BHC

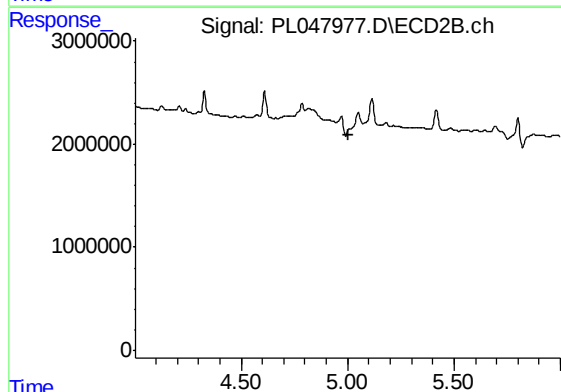
R.T.: 4.786 min  
Delta R.T.: -0.002 min  
Response: 935619  
Conc: 0.65 ng/ml



#7 delta-BHC

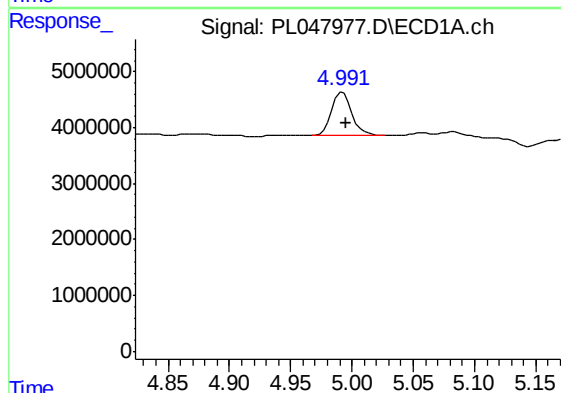
R.T.: 4.479 min  
Delta R.T.: -0.002 min  
Response: 4749888  
Conc: 0.37 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PST-001-B194-042519



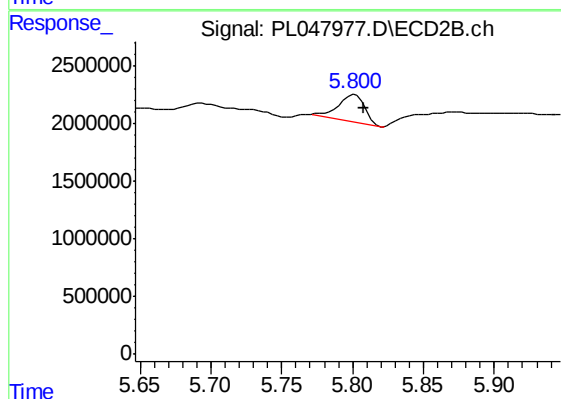
#7 delta-BHC

R.T.: 0.000 min  
Exp R.T. : 5.003 min  
Response: 0  
Conc: N.D.



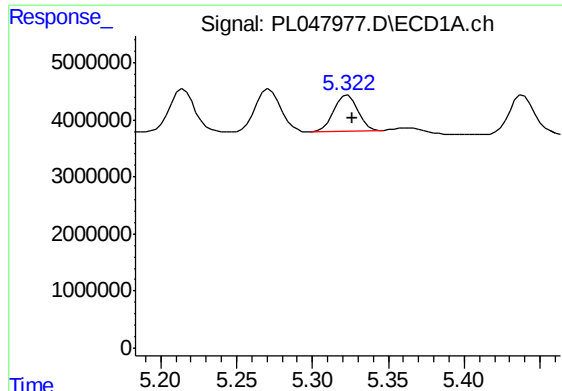
#8 Heptachlor epoxide

R.T.: 4.993 min  
Delta R.T.: -0.003 min  
Response: 8972257  
Conc: 0.70 ng/ml



#8 Heptachlor epoxide

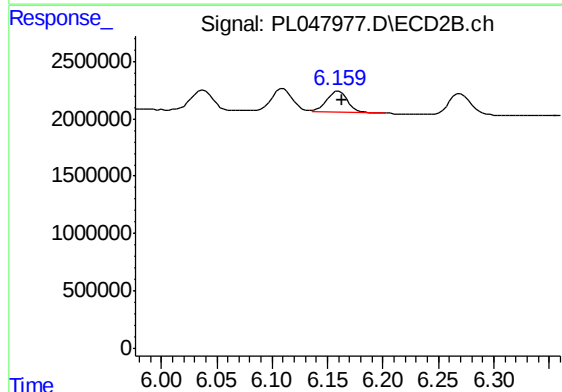
R.T.: 5.802 min  
Delta R.T.: -0.006 min  
Response: 2973460  
Conc: 1.06 ng/ml



#9 Endosulfan I

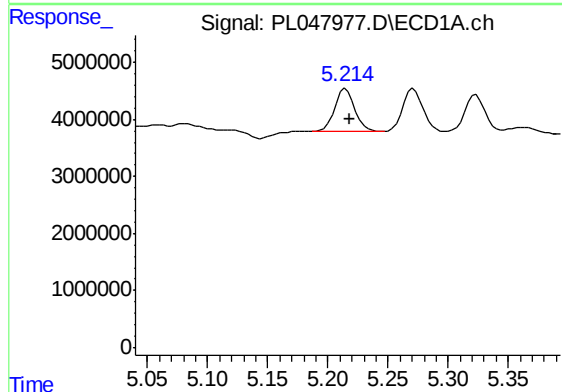
R.T.: 5.323 min  
Delta R.T.: -0.003 min  
Response: 7024696  
Conc: 0.58 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PST-001-B194-042519



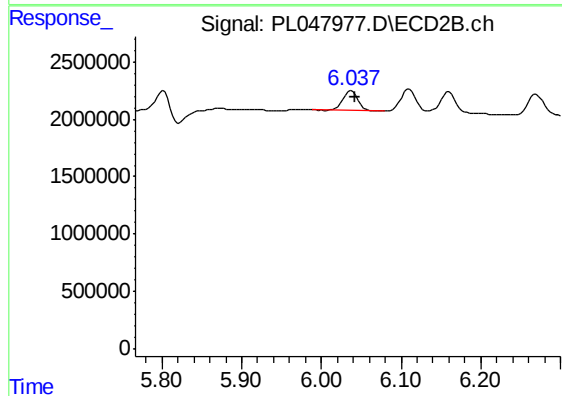
#9 Endosulfan I

R.T.: 6.160 min  
Delta R.T.: -0.003 min  
Response: 2393550  
Conc: 0.85 ng/ml



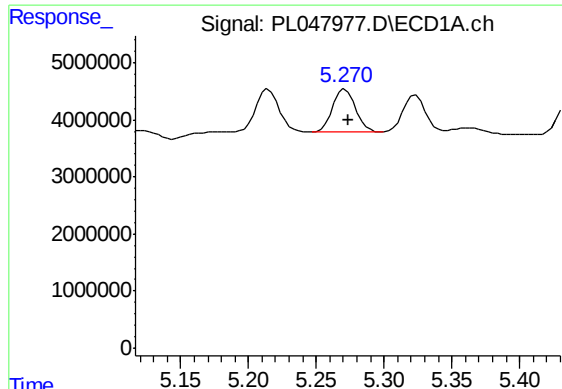
#10 gamma-Chlordane

R.T.: 5.215 min  
Delta R.T.: -0.003 min  
Response: 8773647  
Conc: 0.66 ng/ml



#10 gamma-Chlordane

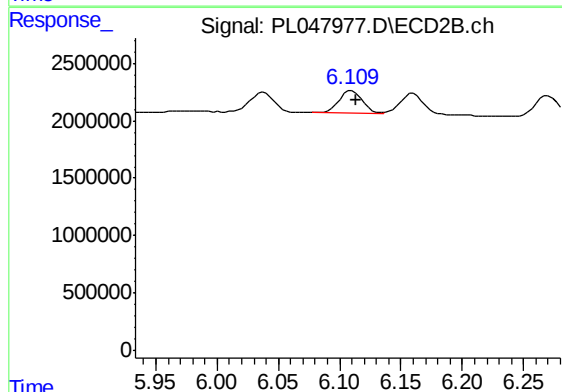
R.T.: 6.038 min  
Delta R.T.: -0.004 min  
Response: 2375538  
Conc: 0.78 ng/ml



#11 alpha-Chlordane

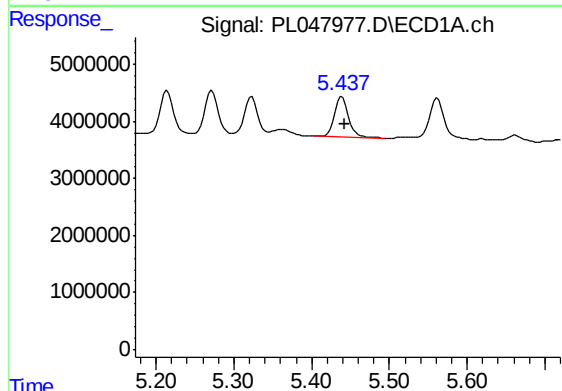
R.T.: 5.271 min  
Delta R.T.: -0.003 min  
Response: 8863451  
Conc: 0.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PST-001-B194-042519



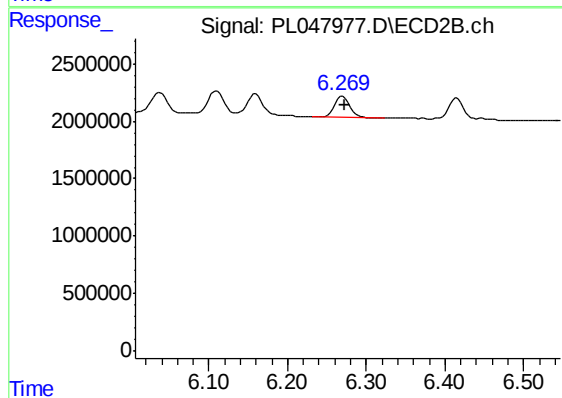
#11 alpha-Chlordane

R.T.: 6.110 min  
Delta R.T.: -0.004 min  
Response: 2691344  
Conc: 0.89 ng/ml



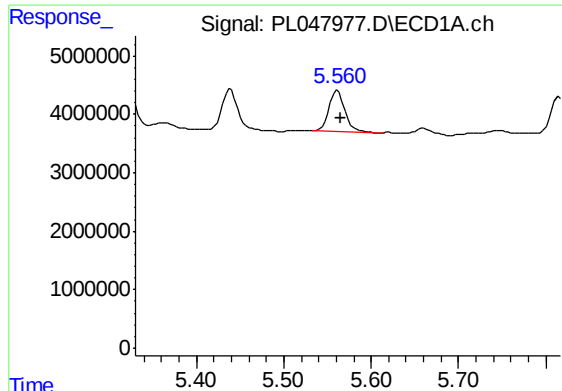
#12 4,4'-DDE

R.T.: 5.439 min  
Delta R.T.: -0.003 min  
Response: 8874554  
Conc: 0.71 ng/ml



#12 4,4'-DDE

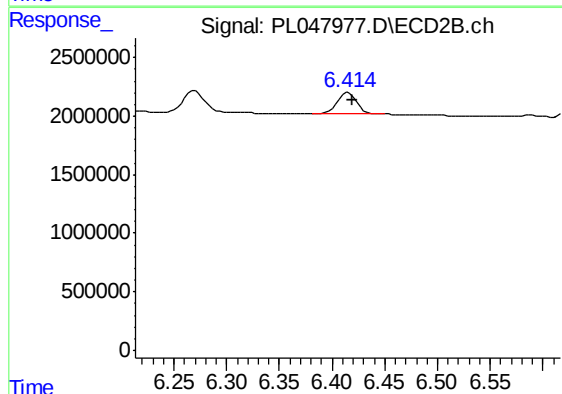
R.T.: 6.270 min  
Delta R.T.: -0.003 min  
Response: 2584313  
Conc: 0.94 ng/ml



#13 Dielldrin

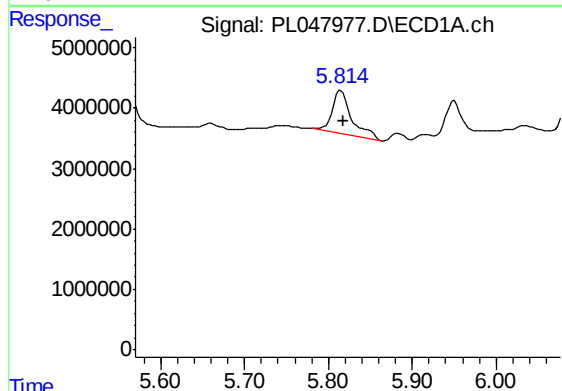
R.T.: 5.562 min  
Delta R.T.: -0.004 min  
Response: 8845231  
Conc: 0.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PST-001-B194-042519



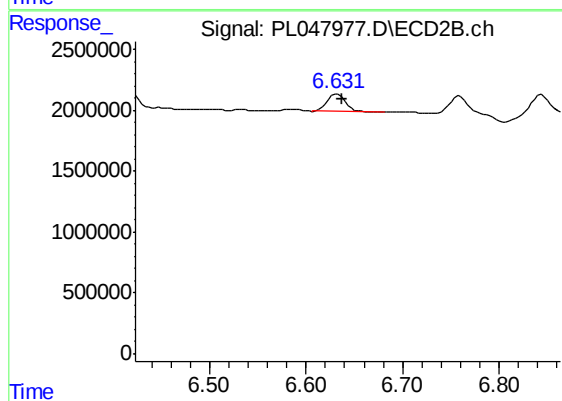
#13 Dielldrin

R.T.: 6.415 min  
Delta R.T.: -0.004 min  
Response: 2262321  
Conc: 0.77 ng/ml



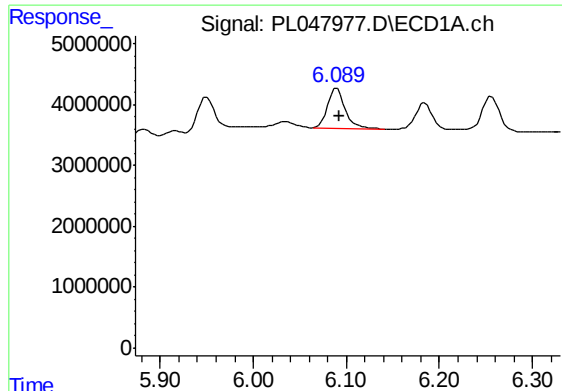
#14 Endrin

R.T.: 5.815 min  
Delta R.T.: -0.003 min  
Response: 11159857  
Conc: 0.94 ng/ml



#14 Endrin

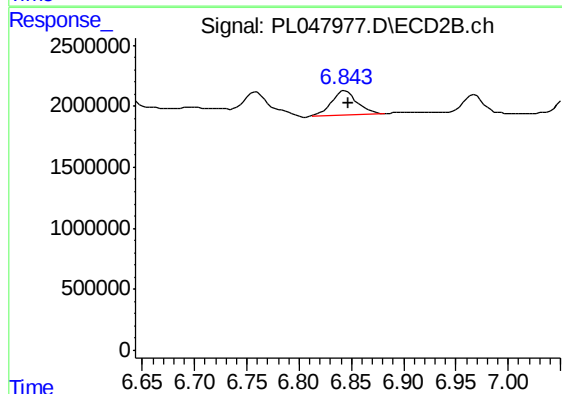
R.T.: 6.632 min  
Delta R.T.: -0.005 min  
Response: 1896485  
Conc: 0.74 ng/ml



#15 Endosulfan II

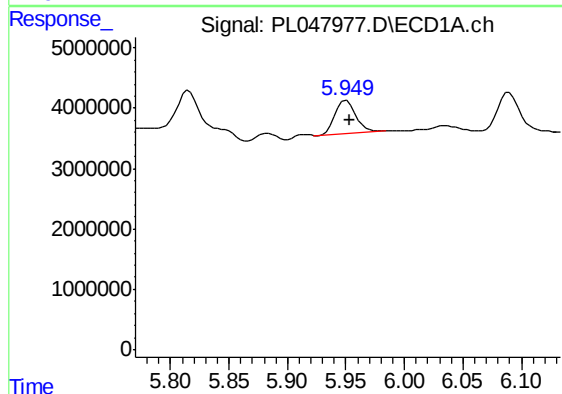
R.T.: 6.090 min  
Delta R.T.: -0.003 min  
Response: 8342986  
Conc: 0.75 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PST-001-B194-042519



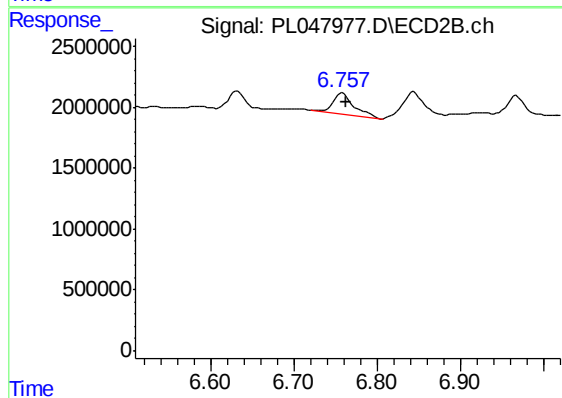
#15 Endosulfan II

R.T.: 6.844 min  
Delta R.T.: -0.004 min  
Response: 3394122  
Conc: 1.29 ng/ml



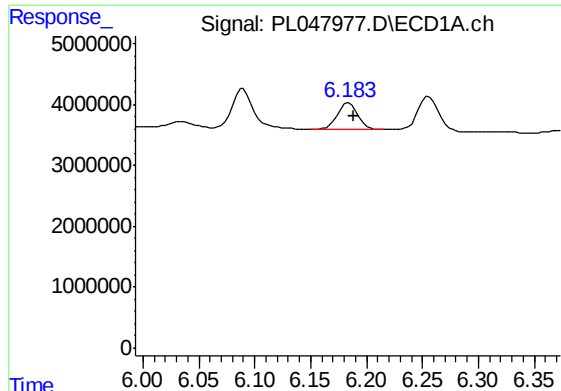
#16 4,4'-DDD

R.T.: 5.950 min  
Delta R.T.: -0.003 min  
Response: 6380013  
Conc: 0.65 ng/ml



#16 4,4'-DDD

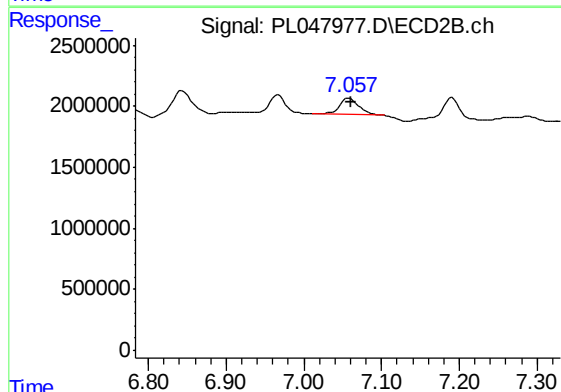
R.T.: 6.759 min  
Delta R.T.: -0.005 min  
Response: 2893727  
Conc: 1.29 ng/ml



#17 4,4'-DDT

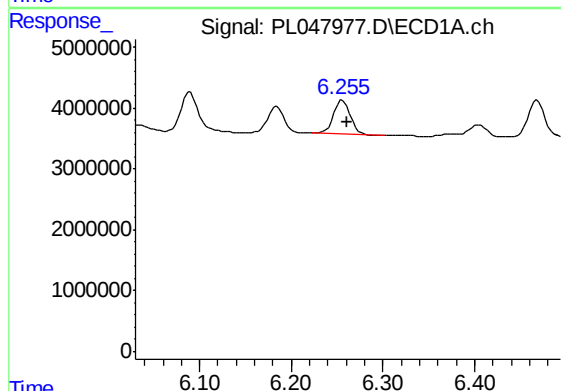
R.T.: 6.184 min  
Delta R.T.: -0.004 min  
Response: 5194304  
Conc: 0.52 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PST-001-B194-042519



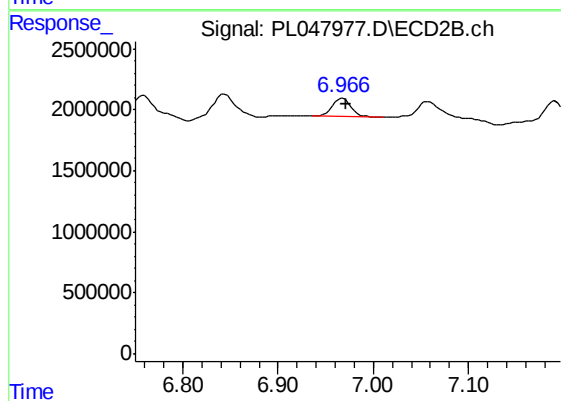
#17 4,4'-DDT

R.T.: 7.058 min  
Delta R.T.: -0.002 min  
Response: 2396895  
Conc: 1.01 ng/ml



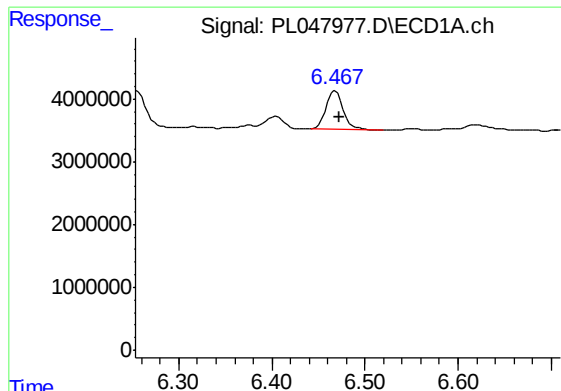
#18 Endrin aldehyde

R.T.: 6.256 min  
Delta R.T.: -0.004 min  
Response: 7089952  
Conc: 0.75 ng/ml



#18 Endrin aldehyde

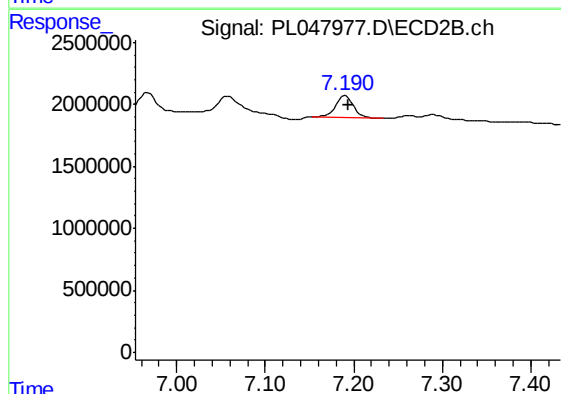
R.T.: 6.968 min  
Delta R.T.: -0.003 min  
Response: 2045604  
Conc: 0.89 ng/ml



#19 Endosulfan Sulfate

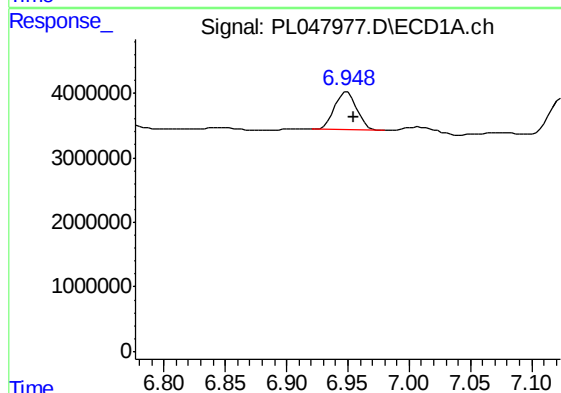
R.T.: 6.468 min  
Delta R.T.: -0.004 min  
Response: 7876689  
Conc: 0.71 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PST-001-B194-042519



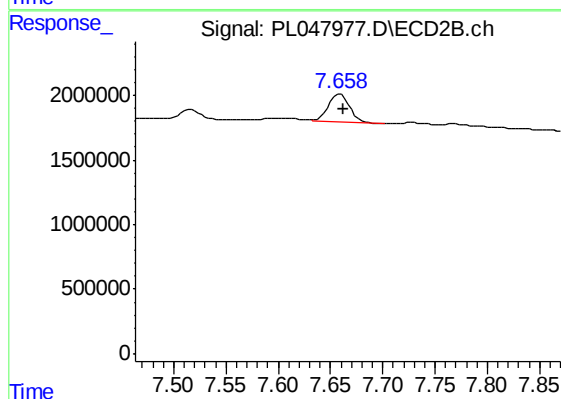
#19 Endosulfan Sulfate

R.T.: 7.191 min  
Delta R.T.: -0.003 min  
Response: 2456435  
Conc: 0.90 ng/ml



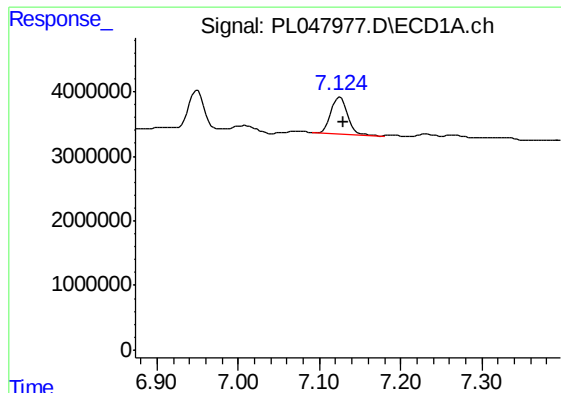
#21 Endrin ketone

R.T.: 6.949 min  
Delta R.T.: -0.005 min  
Response: 7353001  
Conc: 0.62 ng/ml



#21 Endrin ketone

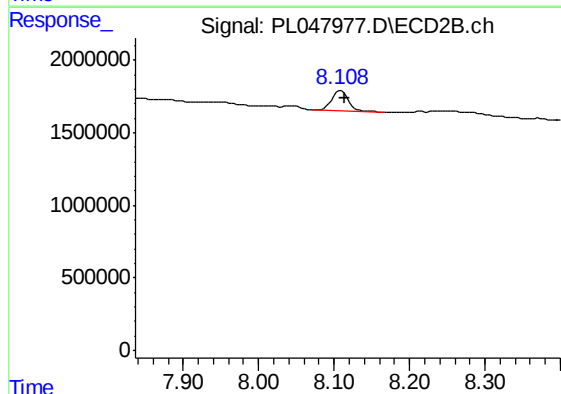
R.T.: 7.659 min  
Delta R.T.: -0.004 min  
Response: 3011427  
Conc: 1.07 ng/ml



#22 Mirex

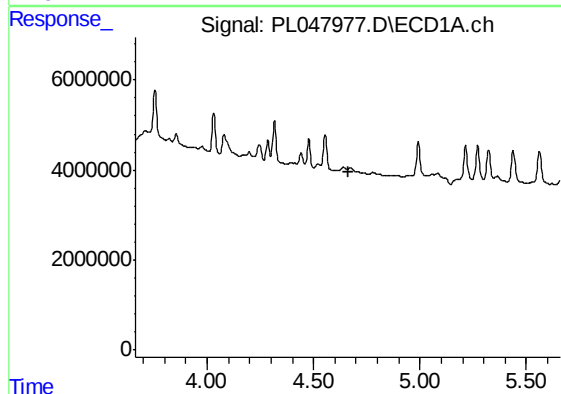
R.T.: 7.125 min  
Delta R.T.: -0.004 min  
Response: 7779542  
Conc: 0.83 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PST-001-B194-042519



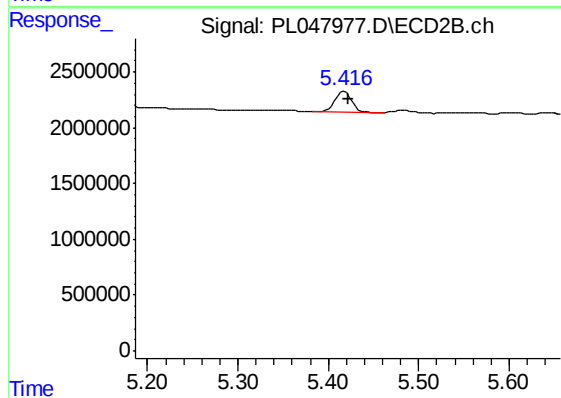
#22 Mirex

R.T.: 8.109 min  
Delta R.T.: -0.005 min  
Response: 2100603  
Conc: 0.90 ng/ml



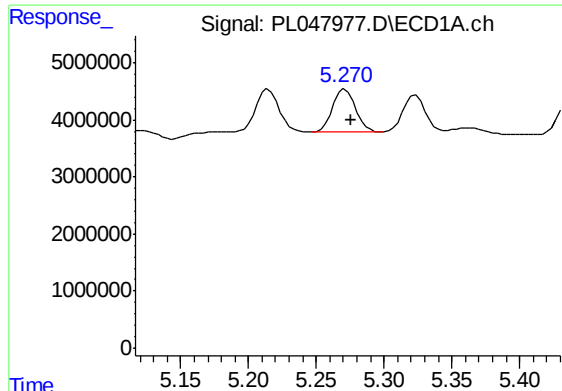
#24 Chlordane-2

R.T.: 0.000 min  
Exp R.T. : 4.663 min  
Response: 0  
Conc: N.D.



#24 Chlordane-2

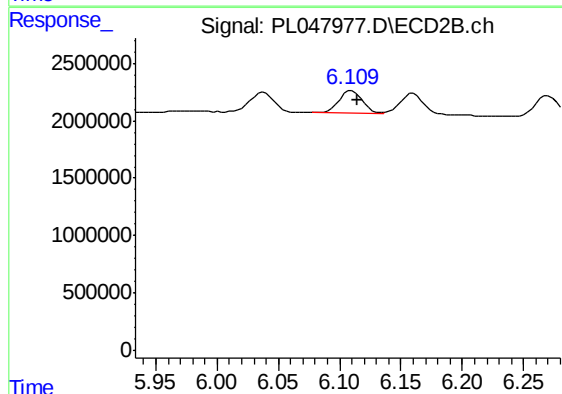
R.T.: 5.418 min  
Delta R.T.: -0.004 min  
Response: 2323553  
Conc: 7.47 ng/ml



#25 Chlordane-3

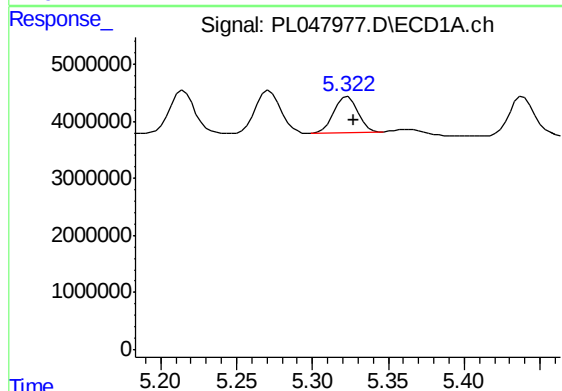
R.T.: 5.271 min  
Delta R.T.: -0.004 min  
Response: 8863451  
Conc: 6.72 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PST-001-B194-042519



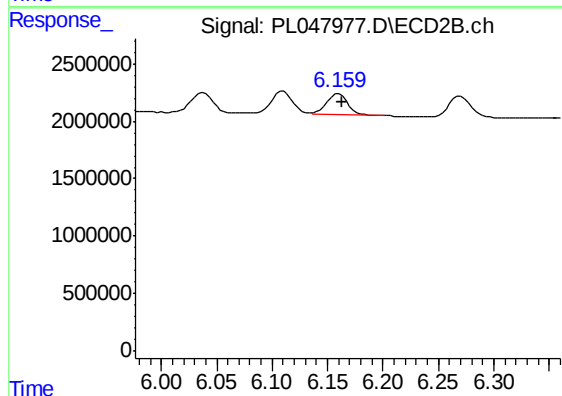
#25 Chlordane-3

R.T.: 6.110 min  
Delta R.T.: -0.004 min  
Response: 2691344  
Conc: 9.09 ng/ml



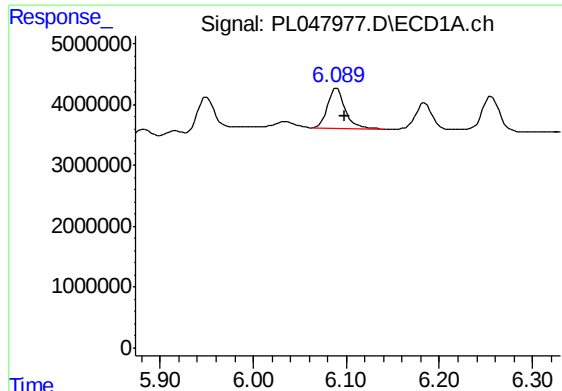
#26 Chlordane-4

R.T.: 5.323 min  
Delta R.T.: -0.004 min  
Response: 7024696  
Conc: 5.72 ng/ml



#26 Chlordane-4

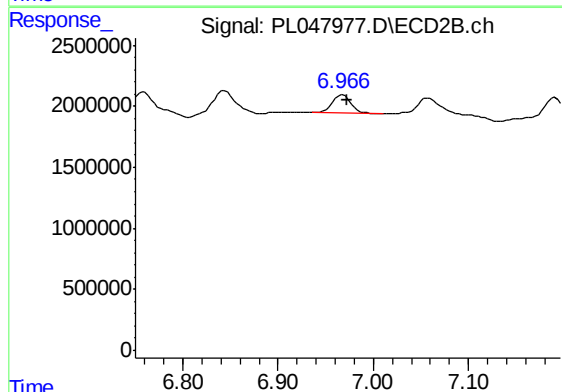
R.T.: 6.160 min  
Delta R.T.: -0.003 min  
Response: 2393550  
Conc: 8.69 ng/ml



#27 Chlordane-5

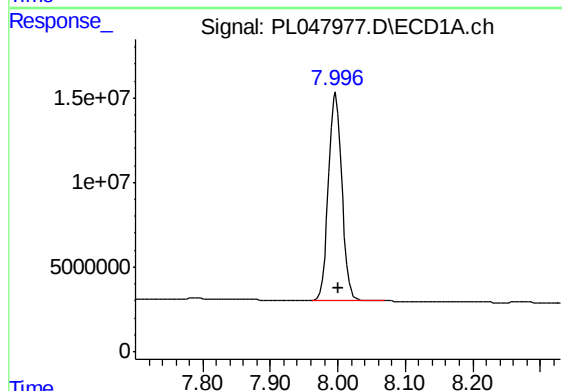
R.T.: 6.090 min  
Delta R.T.: -0.008 min  
Response: 8342986  
Conc: 19.68 ng/ml

Instrument :  
ECD\_L  
ClientSampleId :  
PST-001-B194-042519



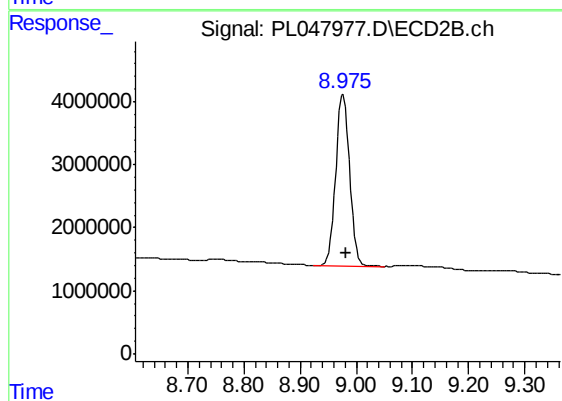
#27 Chlordane-5

R.T.: 6.968 min  
Delta R.T.: -0.005 min  
Response: 2045604  
Conc: 9.08 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.997 min  
Delta R.T.: -0.005 min  
Response: 171217291  
Conc: 15.29 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.977 min  
Delta R.T.: -0.005 min  
Response: 46928197  
Conc: 16.44 ng/ml