

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP062018\  
 Data File : PP062018.D  
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
 Acq On : 20 Jun 2018 13:27  
 Operator : UA/AJ  
 Sample : AR1254ICC500  
 Misc :  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 ECD\_P  
 ClientSampleId :  
 AR1254ICC500

Integration File signal 1: autoint1.e  
 Integration File signal 2: autoint2.e  
 Quant Time: Jun 20 13:44:07 2018  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP062018.M  
 Quant Title : GC EXTRACTABLES  
 QLast Update : Wed Jun 20 13:44:17 2018  
 Response via : Initial Calibration  
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 µl  
 Signal #1 Phase : ZB-CLPEST1 Signal #2 Phase: ZB-CLPEST2  
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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...          | 4.063 | 4.130 | 5069963 | 12726742 | 53.992   | 53.128     |
| 2) SA Decachlor...          | 8.334 | 8.944 | 7870798 | 8211100  | 53.553   | 51.759     |
|                             |       |       |         |          |          |            |
| Target Compounds            |       |       |         |          |          |            |
| 5) L1 Aroclor-1...          | 0.000 | 5.194 | 0       | 111266   | N.D.     | 18.095 #   |
| 6) L1 Aroclor-1...          | 5.350 | 5.332 | 240716  | 2116350  | 199.367  | 532.917 #  |
| 7) L1 Aroclor-1...          | 5.350 | 5.539 | 240716  | 1261935  | 162.641  | 303.577 #  |
| 9) L2 Aroclor-1...          | 4.348 | 4.406 | 2903064 | 158184   | 2399.306 | 78.483 #   |
| 10) L2 Aroclor-1...         | 4.348 | 0.000 | 2903064 | 0        | 617.320  | N.D. #     |
| 12) L3 Aroclor-1...         | 0.000 | 5.194 | 0       | 111266   | N.D.     | 35.401 #   |
| 13) L3 Aroclor-1...         | 0.000 | 5.332 | 0       | 2116350  | N.D.     | 1024.604 # |
| 14) L3 Aroclor-1...         | 5.350 | 5.539 | 240716  | 1261935  | 377.356  | 599.502 #  |
| 15) L3 Aroclor-1...         | 5.350 | 5.855 | 240716  | 3642662  | 280.603  | 1500.890 # |
| 17) L4 Aroclor-1...         | 0.000 | 5.097 | 0       | 99914    | N.D.     | 13.195 #   |
| 18) L4 Aroclor-1...         | 0.000 | 5.332 | 0       | 2116350  | N.D.     | 702.937 #  |
| 19) L4 Aroclor-1...         | 5.286 | 5.539 | 552767  | 1261935  | 270.769  | 378.895 #  |
| 20) L4 Aroclor-1...         | 5.594 | 5.635 | 1318891 | 678133   | 742.185  | 140.798 #  |
| 21) L5 Aroclor-1...         | 5.286 | 5.539 | 552767  | 1261935  | 162.156  | 205.171 #  |
| 22) L5 Aroclor-1...         | 5.350 | 5.635 | 240716  | 678133   | 125.015  | 93.173 #   |
| 23) L5 Aroclor-1...         | 5.594 | 5.815 | 1318891 | 1968588  | 435.761  | 279.943 #  |
| 24) L5 Aroclor-1...         | 5.594 | 5.855 | 1318891 | 3642662  | 427.565  | 459.929    |
| 25) L5 Aroclor-1...         | 5.750 | 6.037 | 2306025 | 2006733  | 782.113  | 271.530 #  |
| 26) L6 Aroclor-1...         | 5.750 | 5.855 | 2306025 | 3642662  | 500.000  | 500.000    |
| 27) L6 Aroclor-1...         | 5.963 | 5.986 | 1668860 | 3875715  | 500.000  | 500.000    |
| 28) L6 Aroclor-1...         | 6.056 | 6.357 | 3033816 | 6487160  | 500.000  | 500.000    |
| 29) L6 Aroclor-1...         | 6.267 | 6.659 | 2935480 | 2575069  | 500.000  | 500.000    |
| 30) L6 Aroclor-1...         | 6.629 | 6.962 | 3799675 | 5397240  | 500.000  | 500.000    |
| 31) L7 Aroclor-1...         | 6.193 | 6.524 | 1049200 | 7135221  | 294.382  | 867.851 #  |
| 32) L7 Aroclor-1...         | 6.629 | 6.659 | 3799675 | 2575069  | 414.648  | 280.442 #  |
| 33) L7 Aroclor-1...         | 6.699 | 7.029 | 493568  | 158686   | 74.829   | 24.216 #   |
| 34) L7 Aroclor-1...         | 6.914 | 7.267 | 182003  | 1571937  | 35.126   | 214.209 #  |
| 35) L7 Aroclor-1...         | 7.161 | 7.471 | 622566  | 822677   | 33.752   | 52.024 #   |
| -----                       |       |       |         |          |          |            |

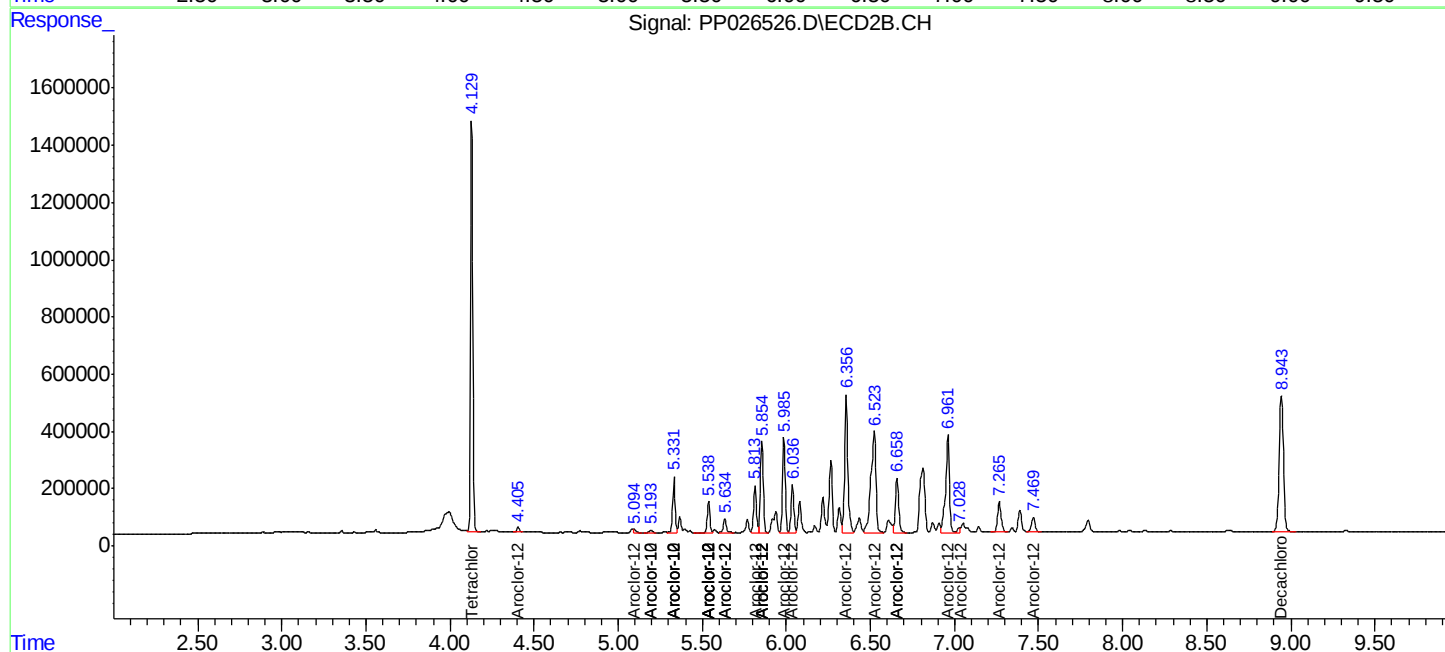
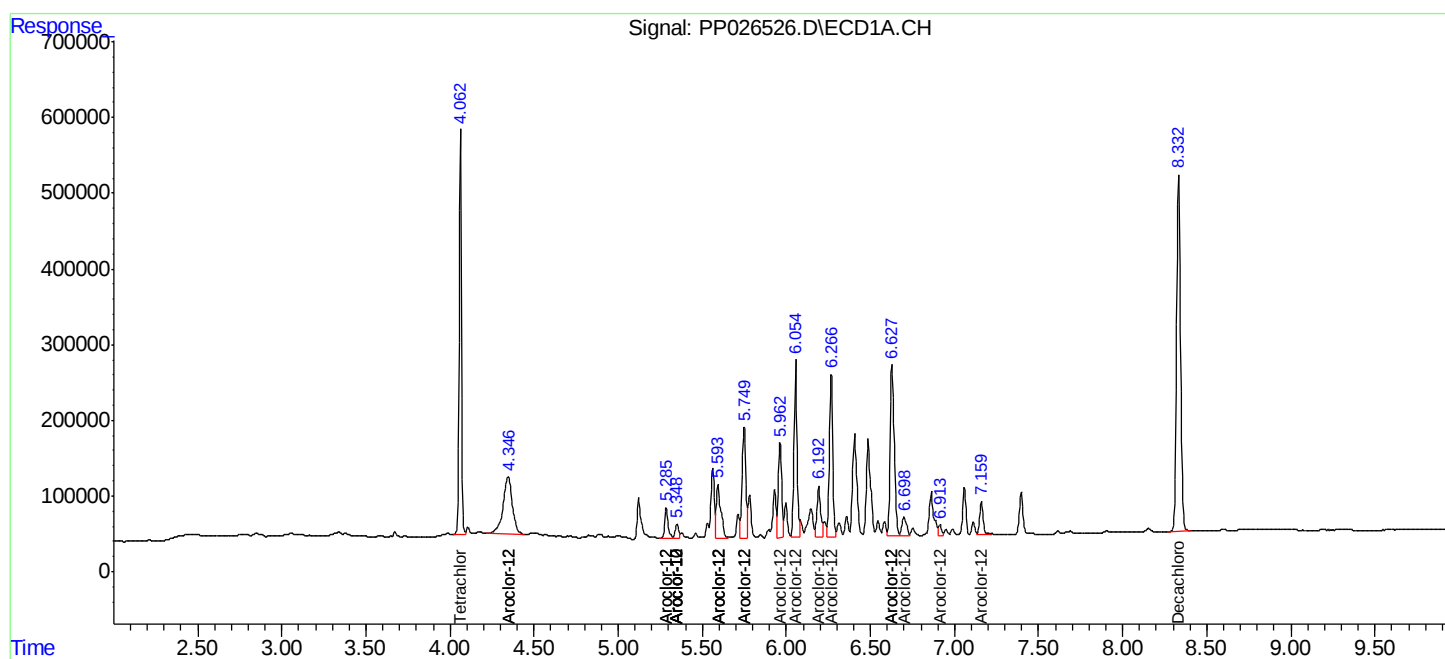
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

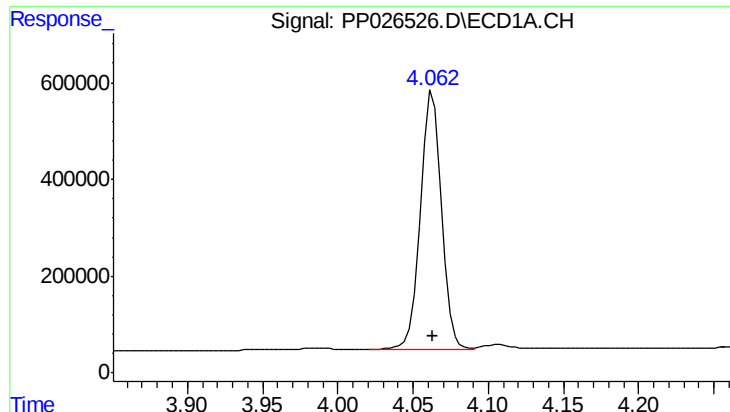
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD\_P\Data\PP062018\  
Data File : PP026526.D  
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH  
Acq On : 20 Jun 2018 13:27  
Operator : UA/AJ  
Sample : AR1254ICC500  
Misc :  
ALS Vial : 12 Sample Multiplier: 1

Instrument :  
ECD\_P  
ClientSampled :  
AR1254ICC500

Integration File signal 1: autoint1.e  
Integration File signal 2: autoint2.e  
Quant Time: Jun 20 13:44:07 2018  
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD\_P\methods\PP062018.M  
Quant Title : GC EXTRACTABLES  
QLast Update : Wed Jun 20 13:44:17 2018  
Response via : Initial Calibration  
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 µl  
Signal #1 Phase : ZB-CLPEST1 Signal #2 Phase: ZB-CLPEST2  
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

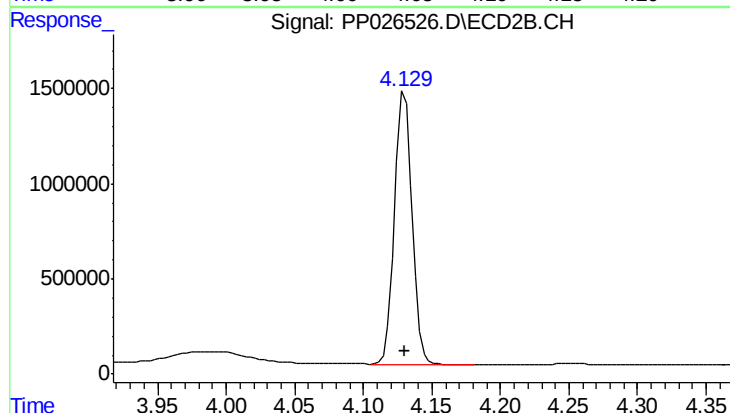




#1 Tetrachloro-m-xylene

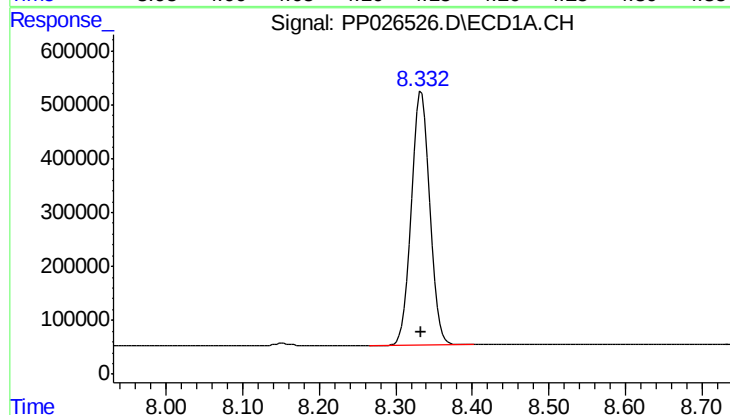
R.T.: 4.063 min  
Delta R.T.: 0.000 min  
Response: 5069963  
Conc: 53.99 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254ICC500



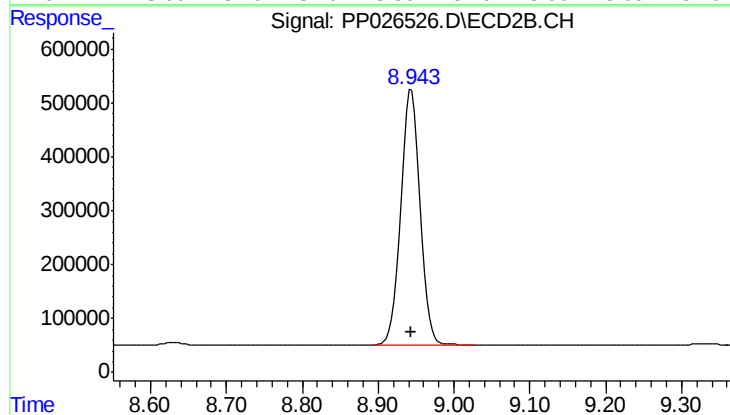
#1 Tetrachloro-m-xylene

R.T.: 4.130 min  
Delta R.T.: 0.000 min  
Response: 12726742  
Conc: 53.13 ng/ml



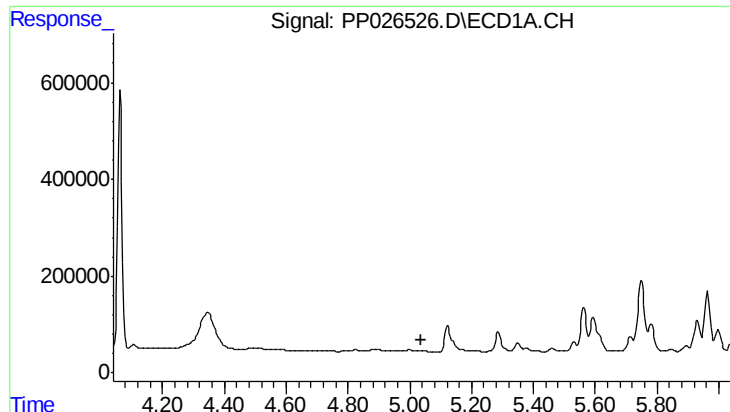
#2 Decachlorobiphenyl

R.T.: 8.334 min  
Delta R.T.: 0.000 min  
Response: 7870798  
Conc: 53.55 ng/ml



#2 Decachlorobiphenyl

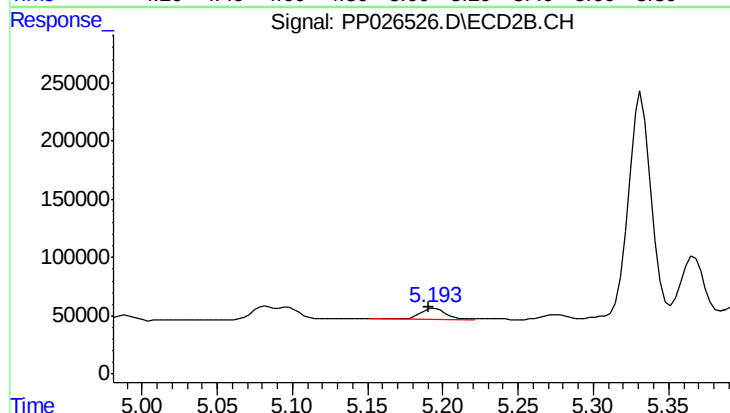
R.T.: 8.944 min  
Delta R.T.: 0.000 min  
Response: 8211100  
Conc: 51.76 ng/ml



#5 Aroclor-1016-3

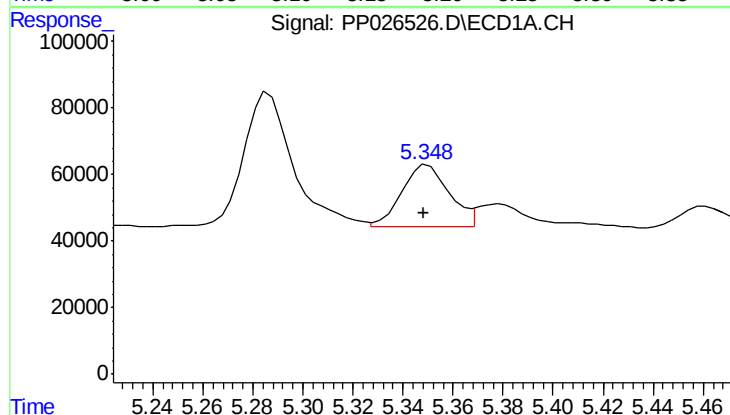
R.T.: 0.000 min  
Exp R.T.: 5.039 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254ICC500



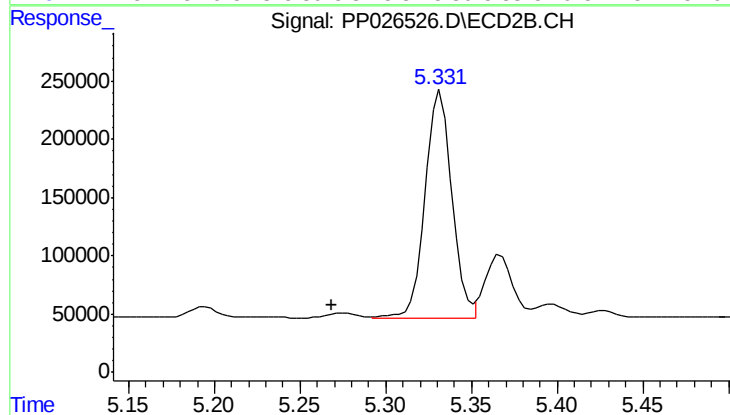
#5 Aroclor-1016-3

R.T.: 5.194 min  
Delta R.T.: 0.004 min  
Response: 111266  
Conc: 18.10 ng/ml



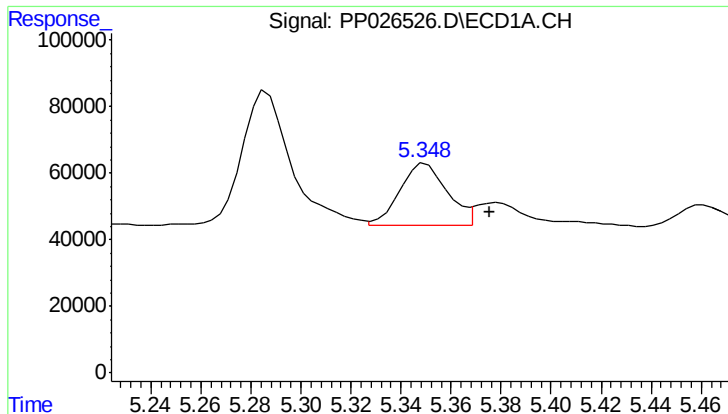
#6 Aroclor-1016-4

R.T.: 5.350 min  
Delta R.T.: 0.001 min  
Response: 240716  
Conc: 199.37 ng/ml



#6 Aroclor-1016-4

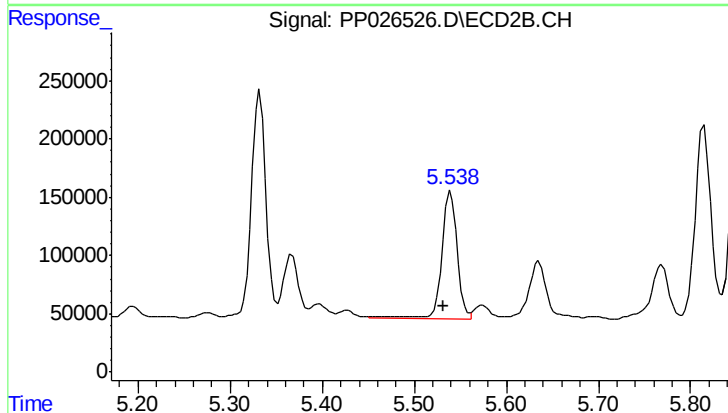
R.T.: 5.332 min  
Delta R.T.: 0.063 min  
Response: 2116350  
Conc: 532.92 ng/ml



#7 Aroclor-1016-5

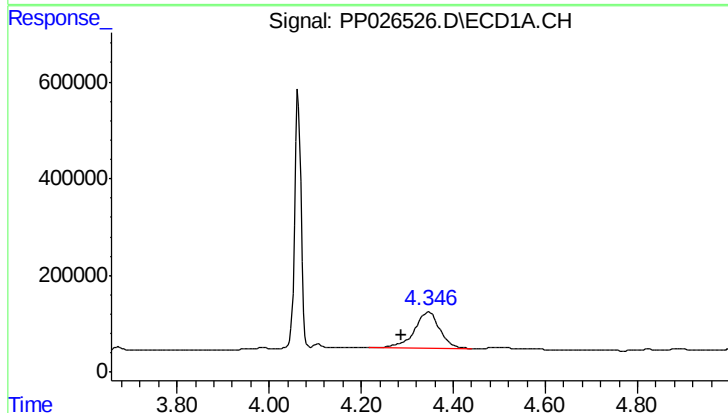
R.T.: 5.350 min  
Delta R.T.: -0.026 min  
Response: 240716  
Conc: 162.64 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254ICC500



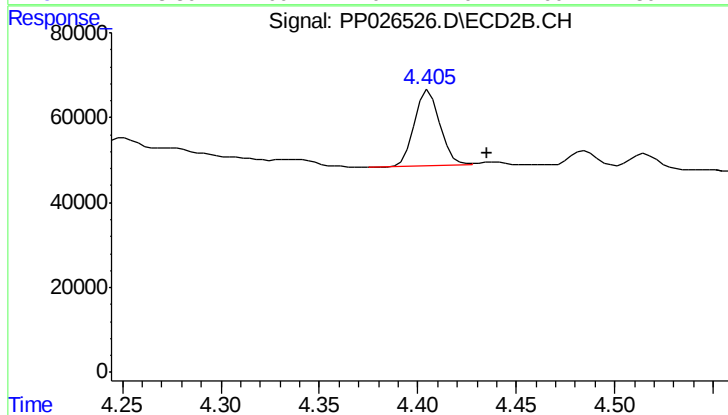
#7 Aroclor-1016-5

R.T.: 5.539 min  
Delta R.T.: 0.008 min  
Response: 1261935  
Conc: 303.58 ng/ml



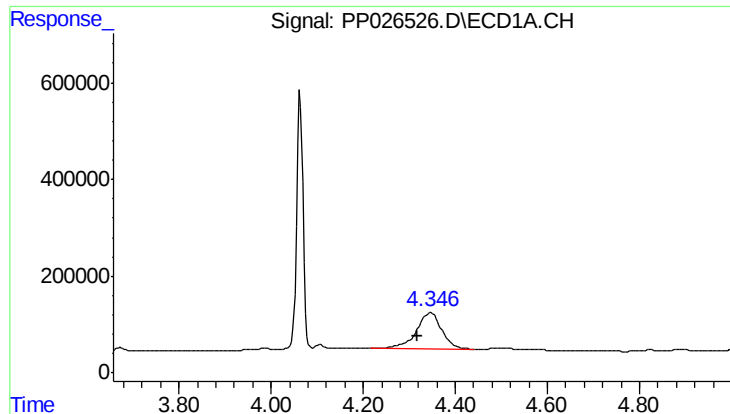
#9 Aroclor-1221-2

R.T.: 4.348 min  
Delta R.T.: 0.059 min  
Response: 2903064  
Conc: 2399.31 ng/ml



#9 Aroclor-1221-2

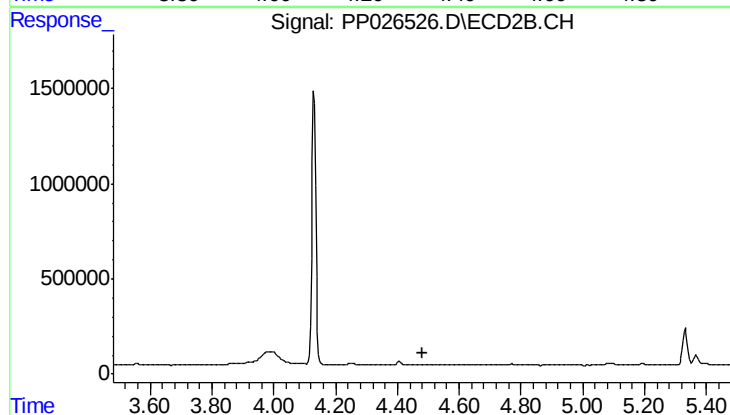
R.T.: 4.406 min  
Delta R.T.: -0.029 min  
Response: 158184  
Conc: 78.48 ng/ml



#10 Aroclor-1221-3

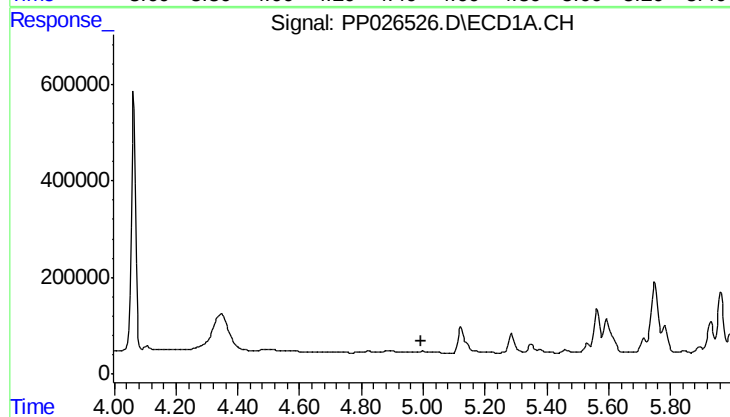
R.T.: 4.348 min  
Delta R.T.: 0.029 min  
Response: 2903064  
Conc: 617.32 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254ICC500



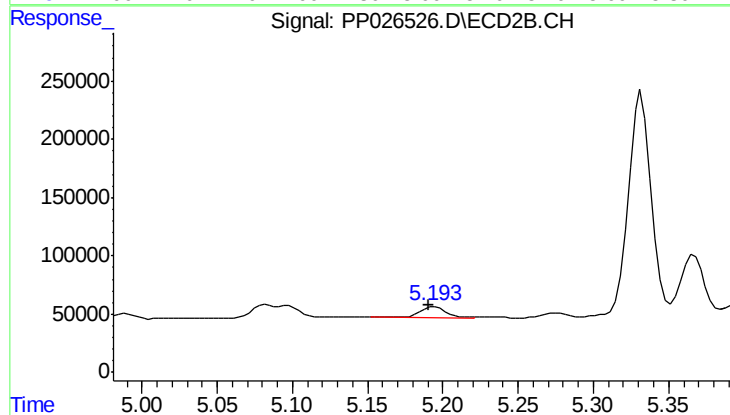
#10 Aroclor-1221-3

R.T.: 0.000 min  
Exp R.T.: 4.480 min  
Response: 0  
Conc: N.D.



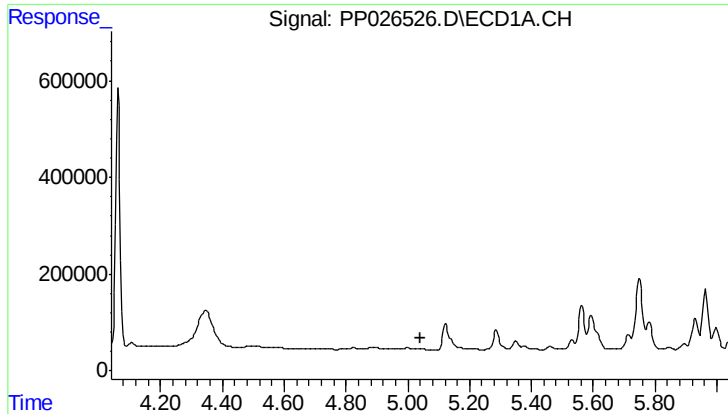
#12 Aroclor-1232-2

R.T.: 0.000 min  
Exp R.T.: 4.995 min  
Response: 0  
Conc: N.D.



#12 Aroclor-1232-2

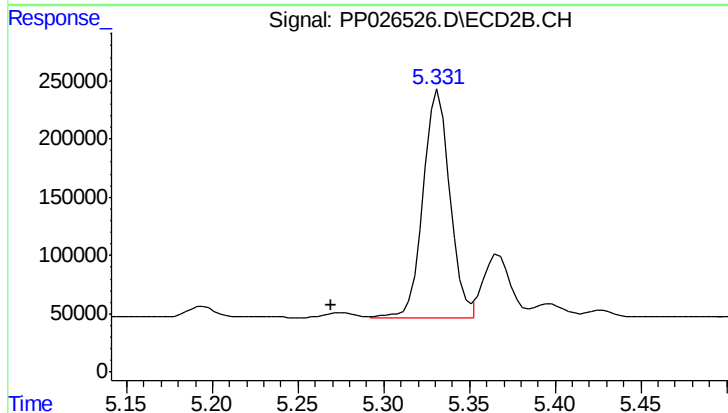
R.T.: 5.194 min  
Delta R.T.: 0.003 min  
Response: 111266  
Conc: 35.40 ng/ml



#13 Aroclor-1232-3

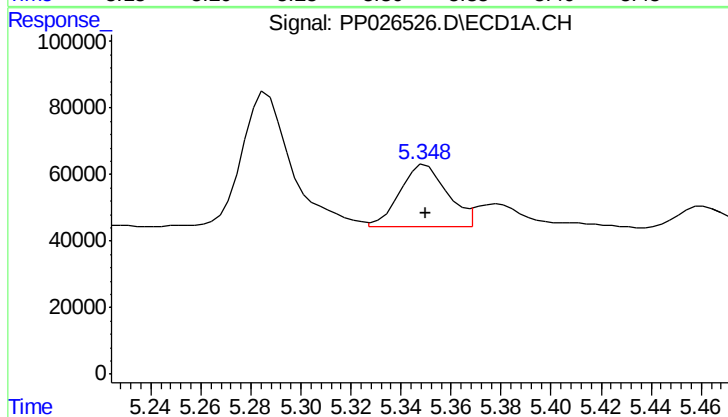
R.T.: 0.000 min  
Exp R.T.: 5.040 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254ICC500



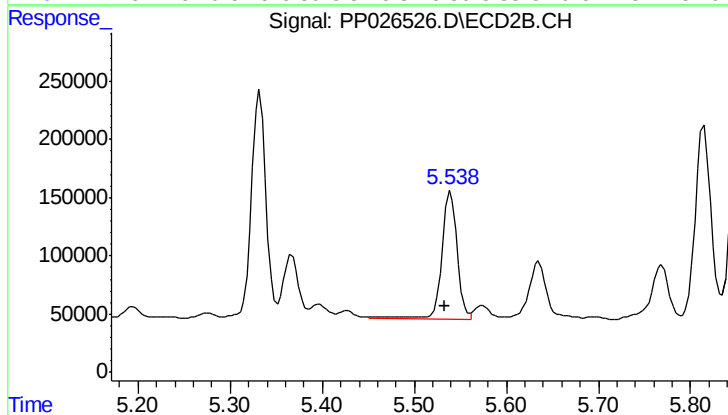
#13 Aroclor-1232-3

R.T.: 5.332 min  
Delta R.T.: 0.063 min  
Response: 2116350  
Conc: 1024.60 ng/ml



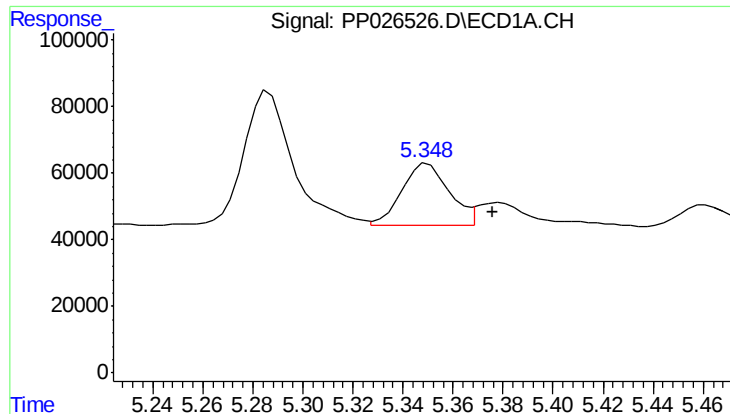
#14 Aroclor-1232-4

R.T.: 5.350 min  
Delta R.T.: 0.000 min  
Response: 240716  
Conc: 377.36 ng/ml



#14 Aroclor-1232-4

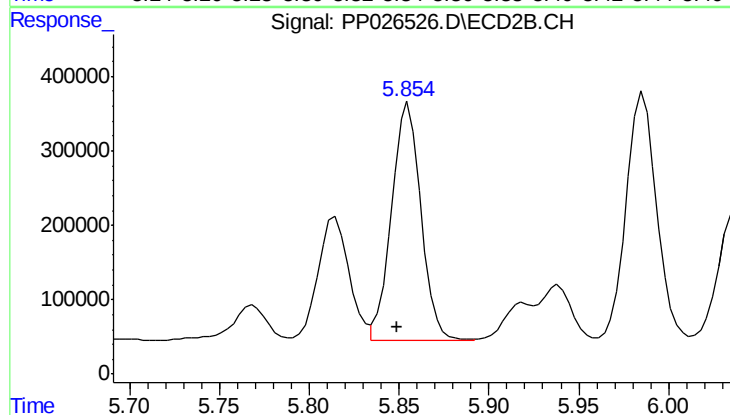
R.T.: 5.539 min  
Delta R.T.: 0.006 min  
Response: 1261935  
Conc: 599.50 ng/ml



#15 Aroclor-1232-5

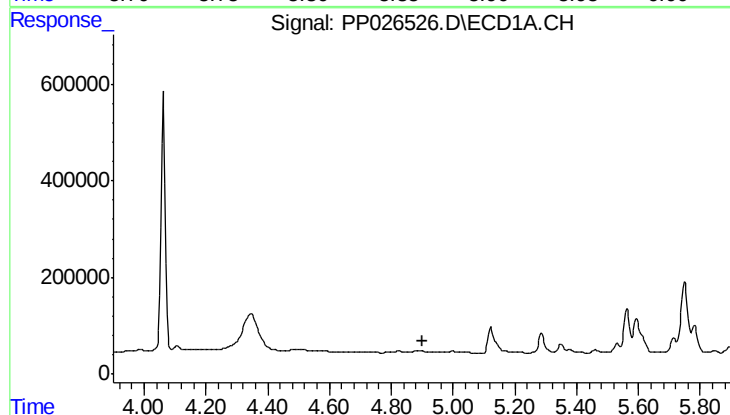
R.T.: 5.350 min  
Delta R.T.: -0.027 min  
Response: 240716  
Conc: 280.60 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254ICC500



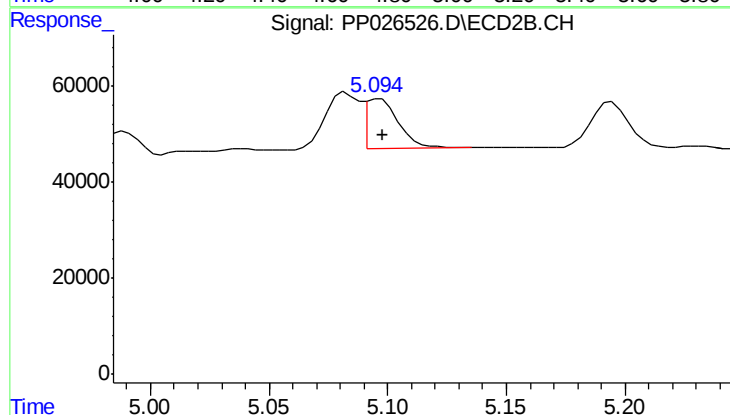
#15 Aroclor-1232-5

R.T.: 5.855 min  
Delta R.T.: 0.006 min  
Response: 3642662  
Conc: 1500.89 ng/ml



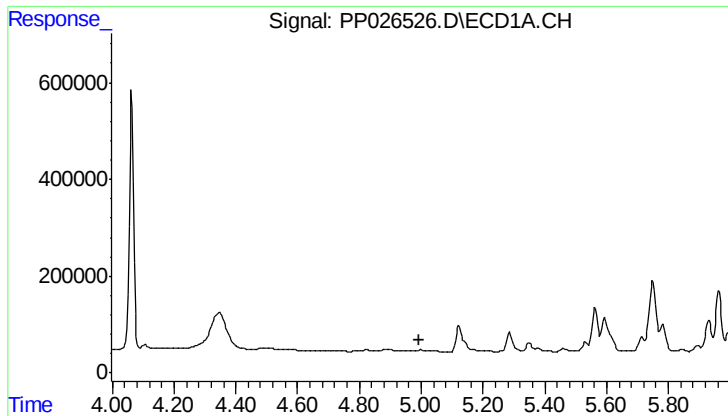
#17 Aroclor-1242-2

R.T.: 0.000 min  
Exp R.T.: 4.900 min  
Response: 0  
Conc: N.D.



#17 Aroclor-1242-2

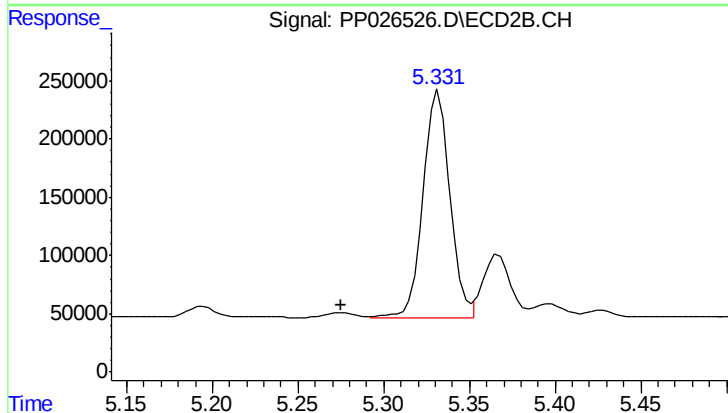
R.T.: 5.097 min  
Delta R.T.: -0.001 min  
Response: 99914  
Conc: 13.19 ng/ml



#18 Aroclor-1242-3

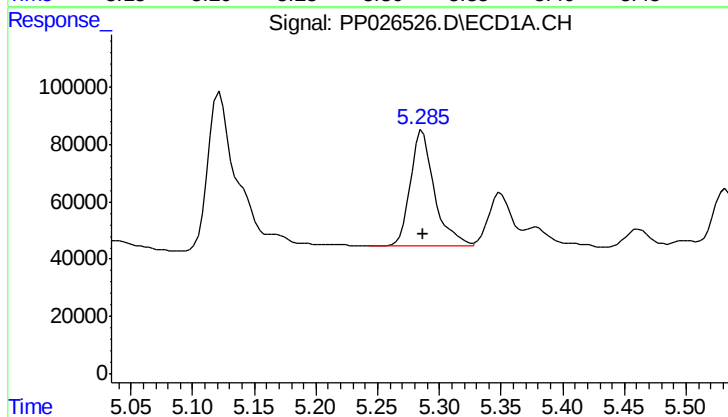
R.T.: 0.000 min  
Exp R.T.: 4.995 min  
Response: 0  
Conc: N.D.

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254ICC500



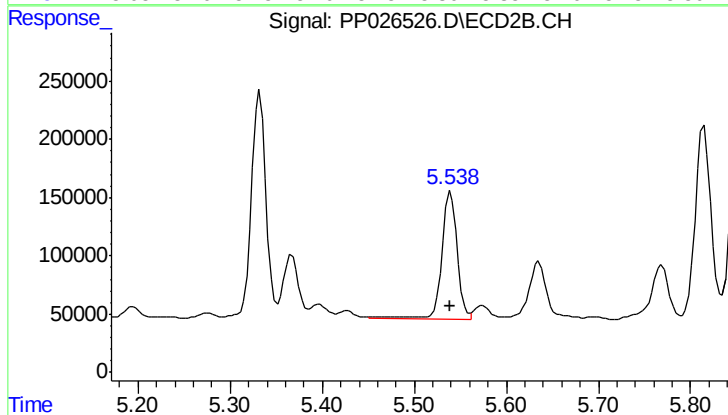
#18 Aroclor-1242-3

R.T.: 5.332 min  
Delta R.T.: 0.057 min  
Response: 2116350  
Conc: 702.94 ng/ml



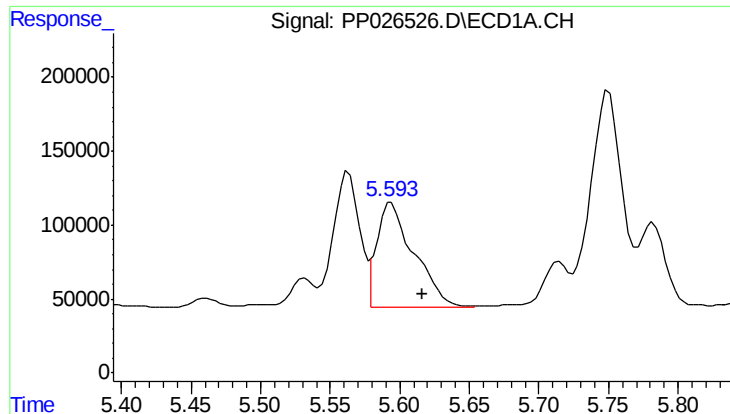
#19 Aroclor-1242-4

R.T.: 5.286 min  
Delta R.T.: 0.000 min  
Response: 552767  
Conc: 270.77 ng/ml



#19 Aroclor-1242-4

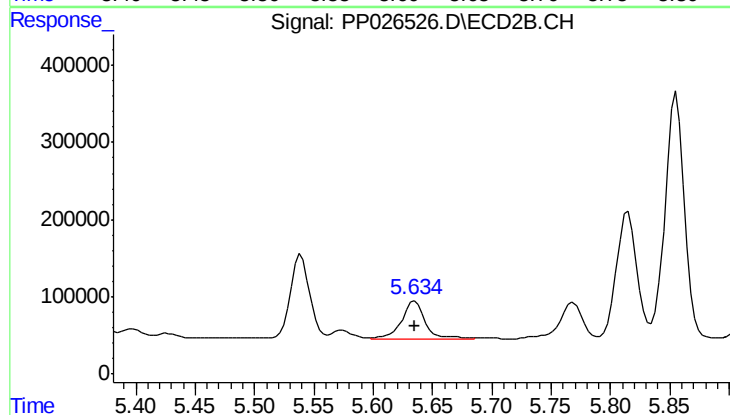
R.T.: 5.539 min  
Delta R.T.: 0.000 min  
Response: 1261935  
Conc: 378.89 ng/ml



#20 Aroclor-1242-5

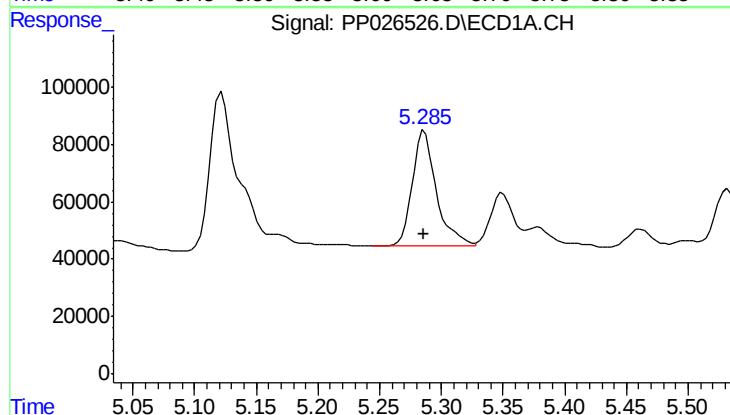
R.T.: 5.594 min  
Delta R.T.: -0.023 min  
Response: 1318891  
Conc: 742.18 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254ICC500



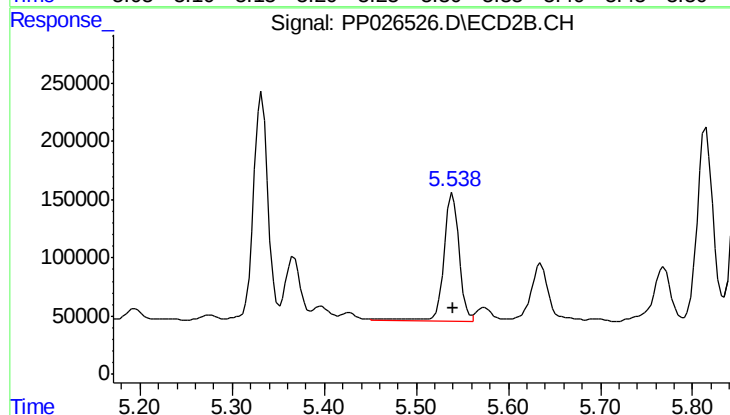
#20 Aroclor-1242-5

R.T.: 5.635 min  
Delta R.T.: 0.000 min  
Response: 678133  
Conc: 140.80 ng/ml



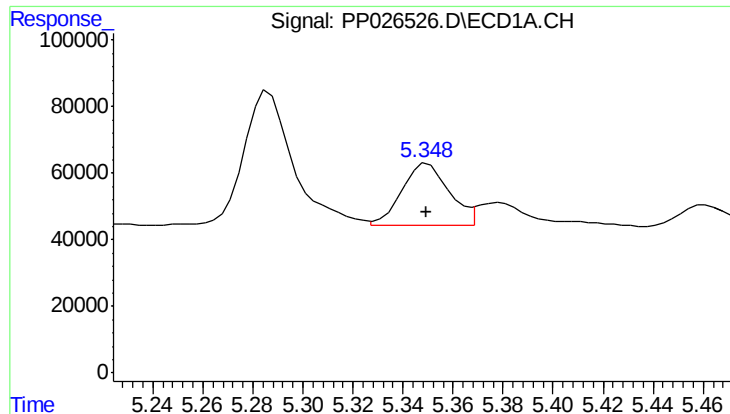
#21 Aroclor-1248-1

R.T.: 5.286 min  
Delta R.T.: 0.000 min  
Response: 552767  
Conc: 162.16 ng/ml



#21 Aroclor-1248-1

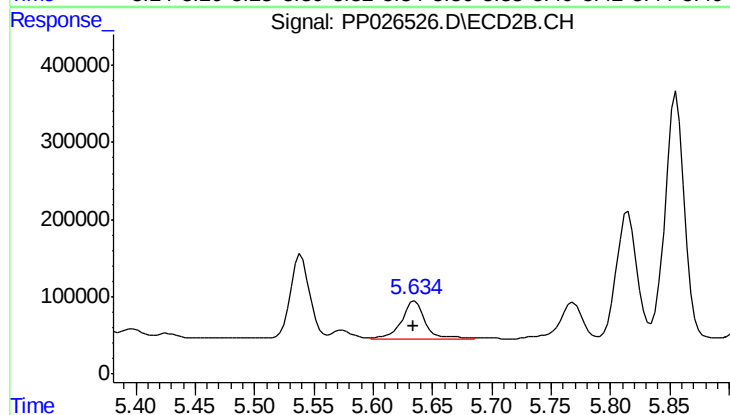
R.T.: 5.539 min  
Delta R.T.: 0.000 min  
Response: 1261935  
Conc: 205.17 ng/ml



#22 Aroclor-1248-2

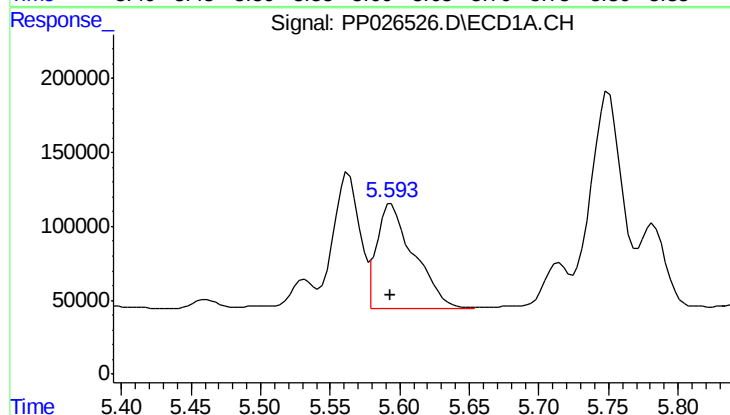
R.T.: 5.350 min  
Delta R.T.: 0.000 min  
Response: 240716  
Conc: 125.01 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254ICC500



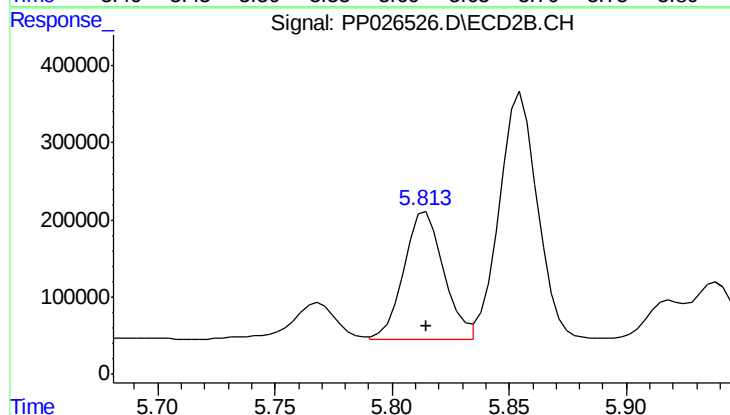
#22 Aroclor-1248-2

R.T.: 5.635 min  
Delta R.T.: 0.000 min  
Response: 678133  
Conc: 93.17 ng/ml



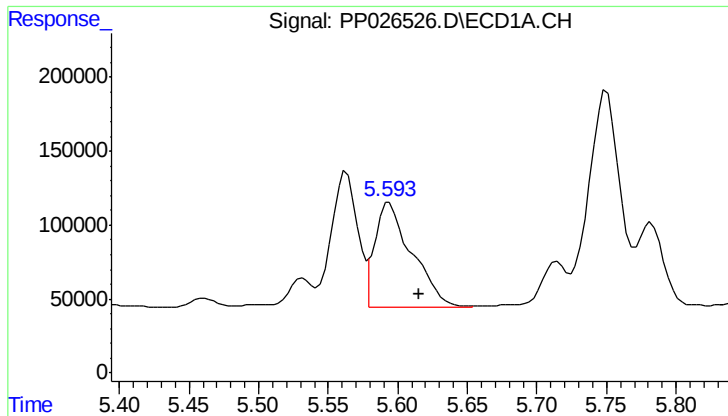
#23 Aroclor-1248-3

R.T.: 5.594 min  
Delta R.T.: 0.000 min  
Response: 1318891  
Conc: 435.76 ng/ml



#23 Aroclor-1248-3

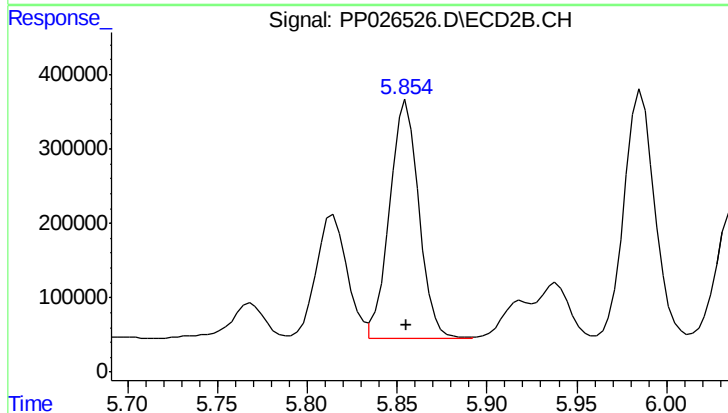
R.T.: 5.815 min  
Delta R.T.: 0.000 min  
Response: 1968588  
Conc: 279.94 ng/ml



#24 Aroclor-1248-4

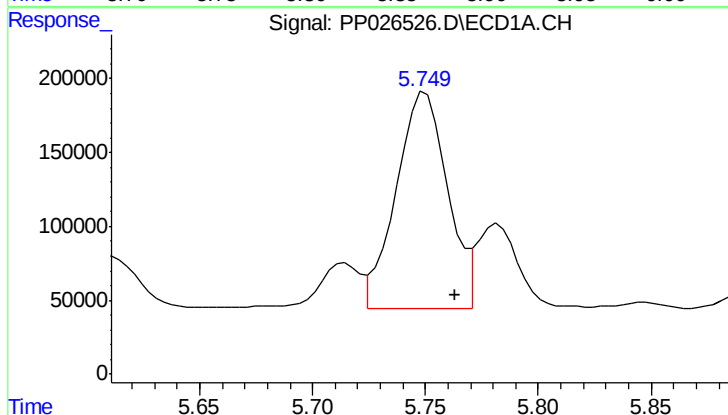
R.T.: 5.594 min  
Delta R.T.: -0.022 min  
Response: 1318891  
Conc: 427.56 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254ICC500



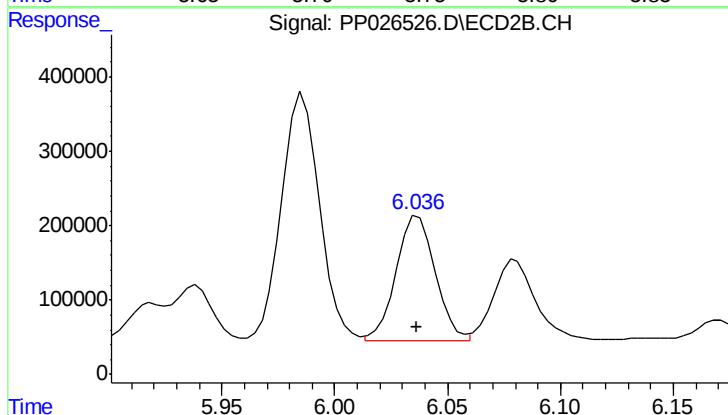
#24 Aroclor-1248-4

R.T.: 5.855 min  
Delta R.T.: 0.000 min  
Response: 3642662  
Conc: 459.93 ng/ml



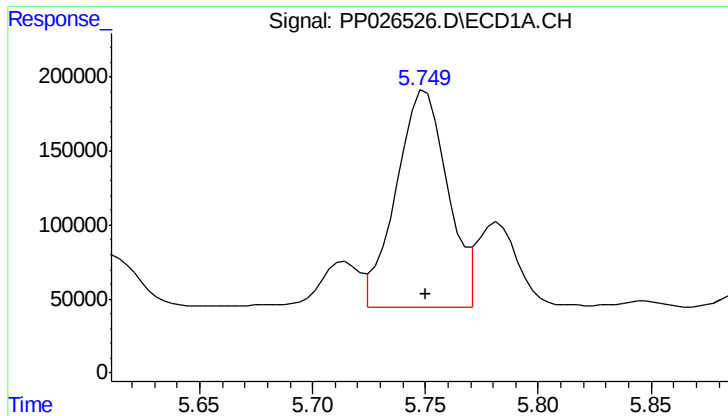
#25 Aroclor-1248-5

R.T.: 5.750 min  
Delta R.T.: -0.013 min  
Response: 2306025  
Conc: 782.11 ng/ml



#25 Aroclor-1248-5

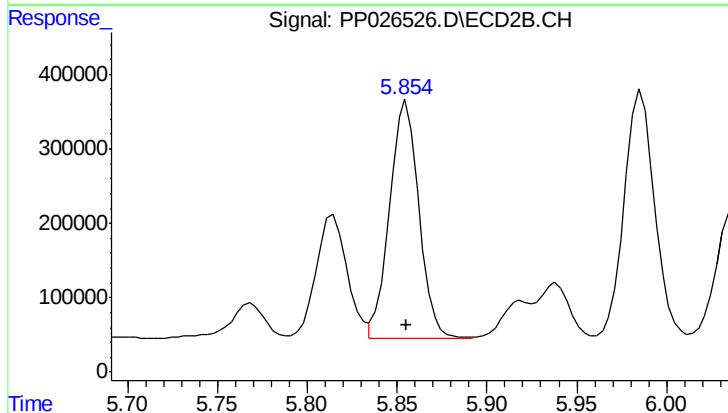
R.T.: 6.037 min  
Delta R.T.: 0.001 min  
Response: 2006733  
Conc: 271.53 ng/ml



#26 Aroclor-1254-1

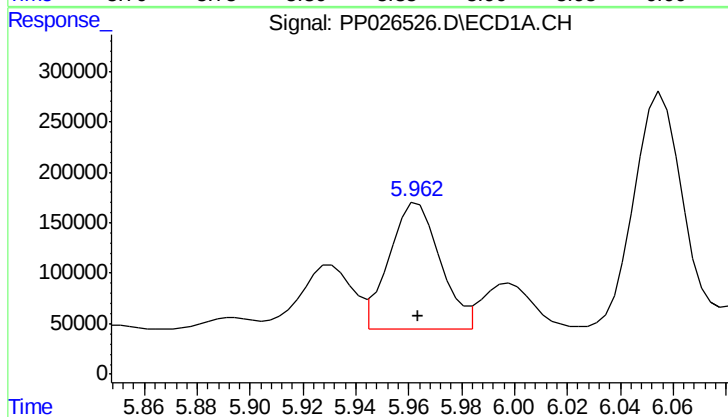
R.T.: 5.750 min  
Delta R.T.: 0.000 min  
Response: 2306025  
Conc: 500.00 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254ICC500



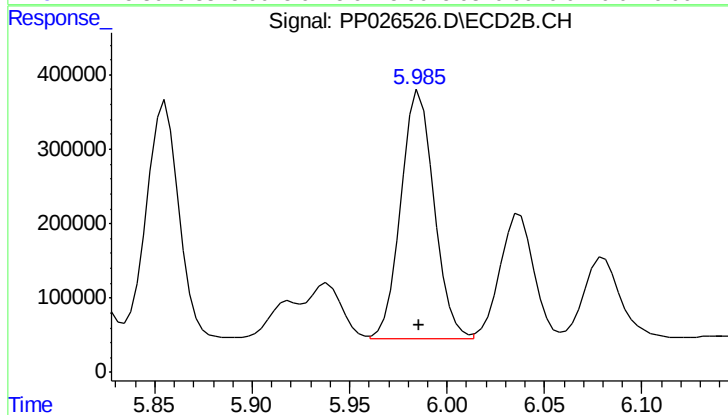
#26 Aroclor-1254-1

R.T.: 5.855 min  
Delta R.T.: 0.000 min  
Response: 3642662  
Conc: 500.00 ng/ml



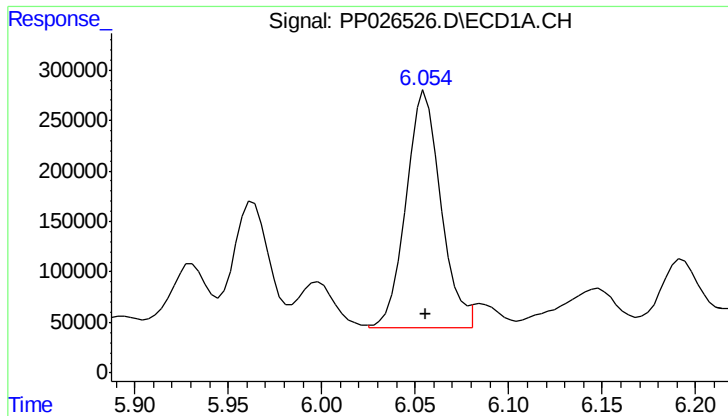
#27 Aroclor-1254-2

R.T.: 5.963 min  
Delta R.T.: 0.000 min  
Response: 1668860  
Conc: 500.00 ng/ml



#27 Aroclor-1254-2

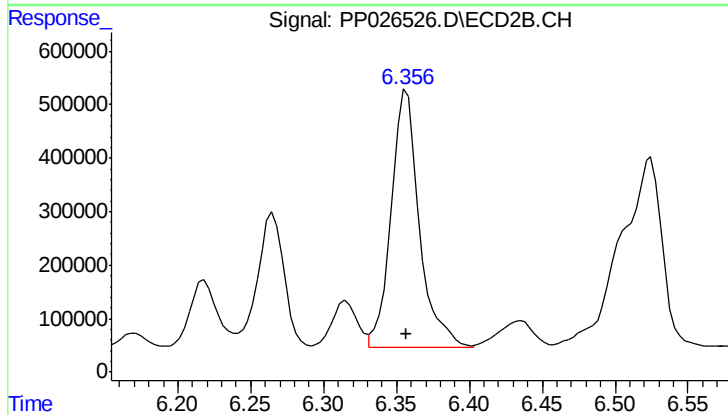
R.T.: 5.986 min  
Delta R.T.: 0.000 min  
Response: 3875715  
Conc: 500.00 ng/ml



#28 Aroclor-1254-3

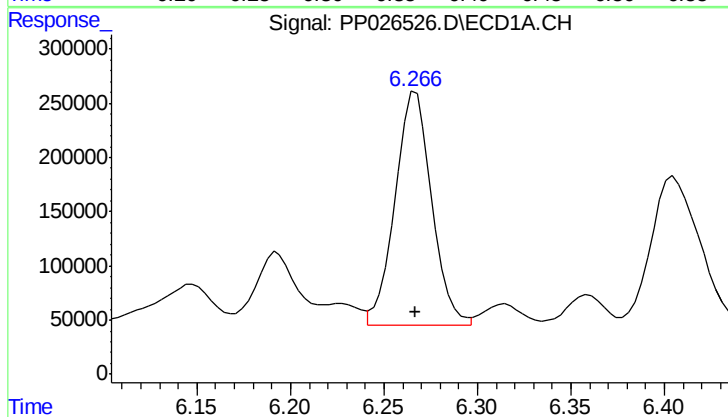
R.T.: 6.056 min  
Delta R.T.: 0.000 min  
Response: 3033816  
Conc: 500.00 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254ICC500



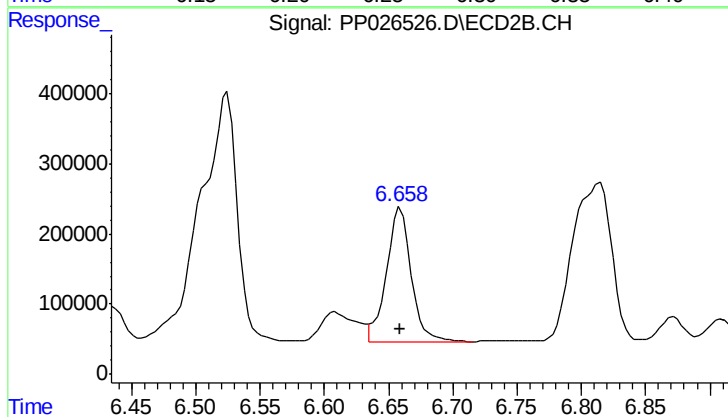
#28 Aroclor-1254-3

R.T.: 6.357 min  
Delta R.T.: 0.000 min  
Response: 6487160  
Conc: 500.00 ng/ml



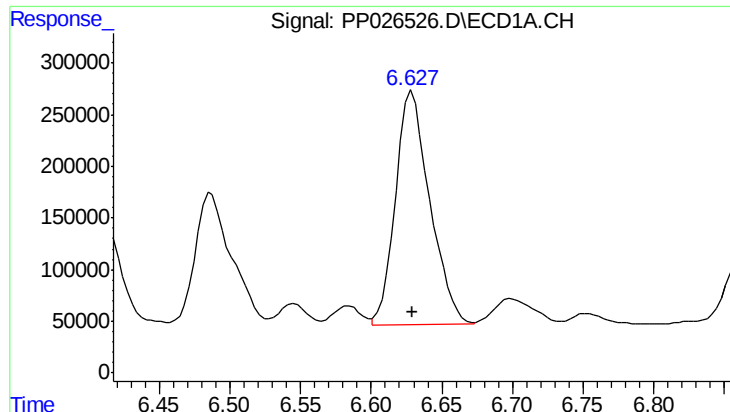
#29 Aroclor-1254-4

R.T.: 6.267 min  
Delta R.T.: 0.000 min  
Response: 2935480  
Conc: 500.00 ng/ml



#29 Aroclor-1254-4

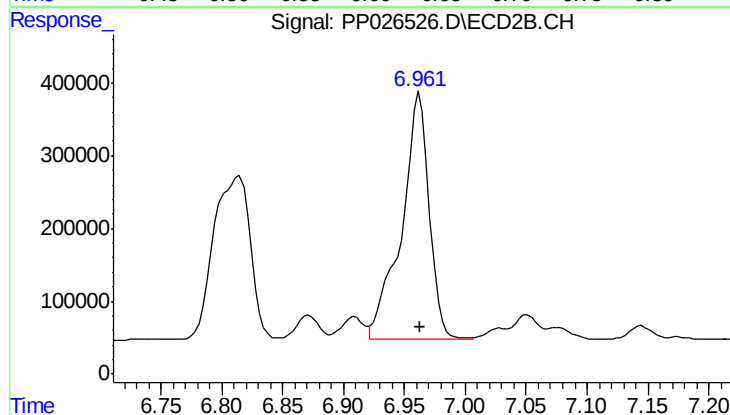
R.T.: 6.659 min  
Delta R.T.: 0.000 min  
Response: 2575069  
Conc: 500.00 ng/ml



#30 Aroclor-1254-5

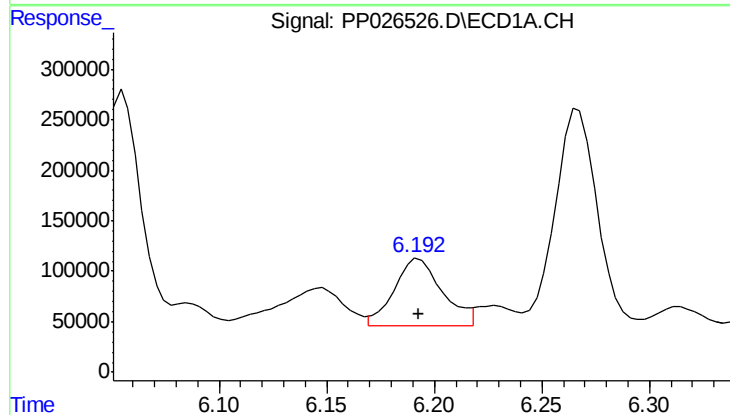
R.T.: 6.629 min  
Delta R.T.: 0.000 min  
Response: 3799675  
Conc: 500.00 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254ICC500



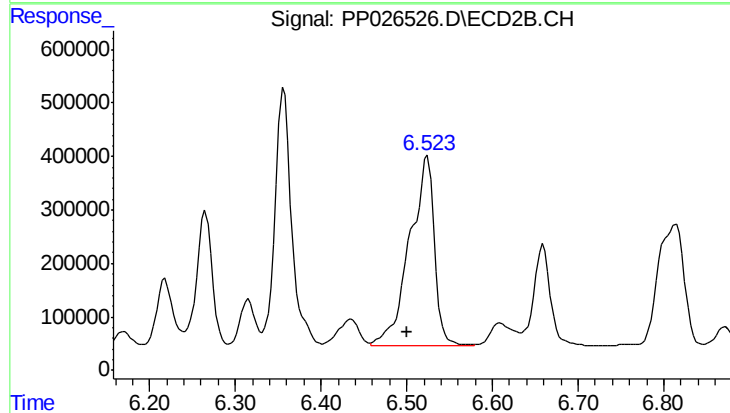
#30 Aroclor-1254-5

R.T.: 6.962 min  
Delta R.T.: 0.000 min  
Response: 5397240  
Conc: 500.00 ng/ml



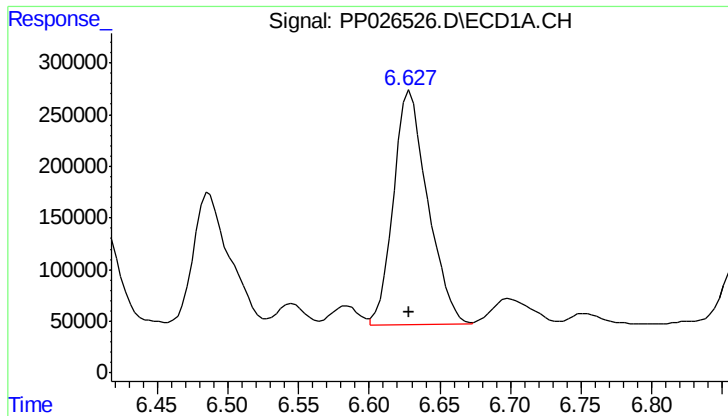
#31 Aroclor-1260-1

R.T.: 6.193 min  
Delta R.T.: 0.000 min  
Response: 1049200  
Conc: 294.38 ng/ml



#31 Aroclor-1260-1

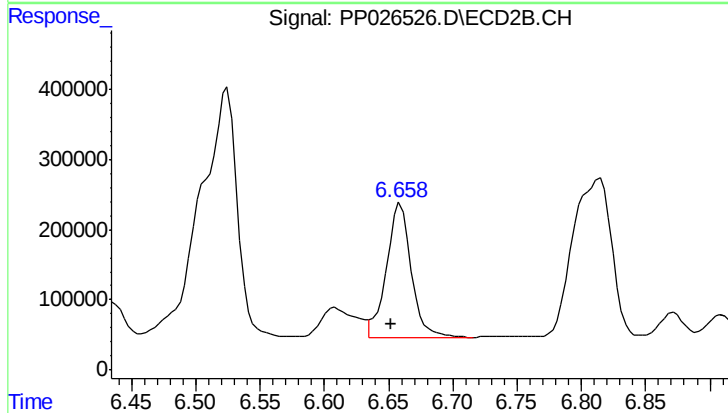
R.T.: 6.524 min  
Delta R.T.: 0.024 min  
Response: 7135221  
Conc: 867.85 ng/ml



#32 Aroclor-1260-2

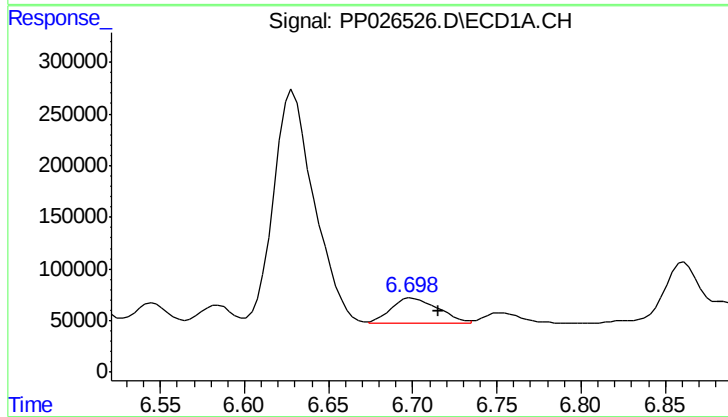
R.T.: 6.629 min  
Delta R.T.: 0.001 min  
Response: 3799675  
Conc: 414.65 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254ICC500



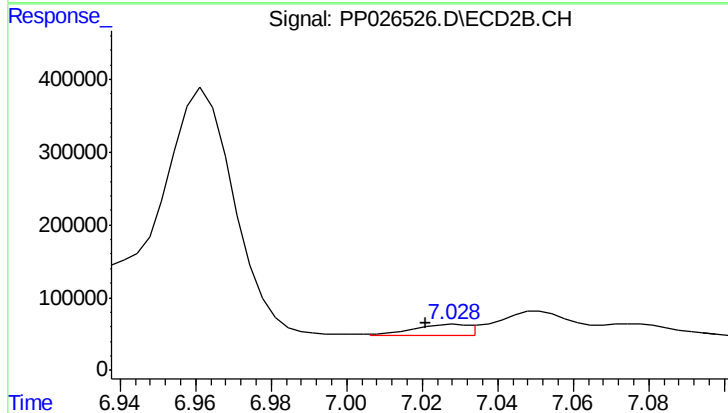
#32 Aroclor-1260-2

R.T.: 6.659 min  
Delta R.T.: 0.007 min  
Response: 2575069  
Conc: 280.44 ng/ml



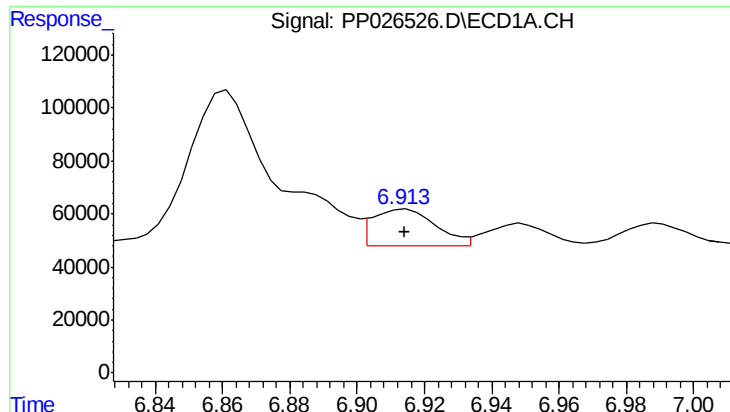
#33 Aroclor-1260-3

R.T.: 6.699 min  
Delta R.T.: -0.016 min  
Response: 493568  
Conc: 74.83 ng/ml



#33 Aroclor-1260-3

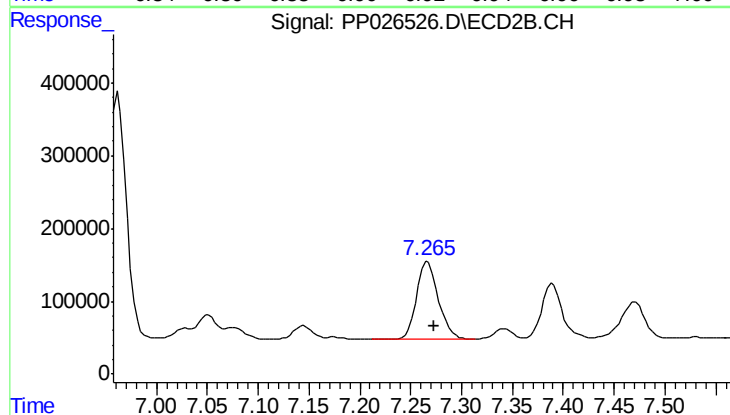
R.T.: 7.029 min  
Delta R.T.: 0.008 min  
Response: 158686  
Conc: 24.22 ng/ml



#34 Aroclor-1260-4

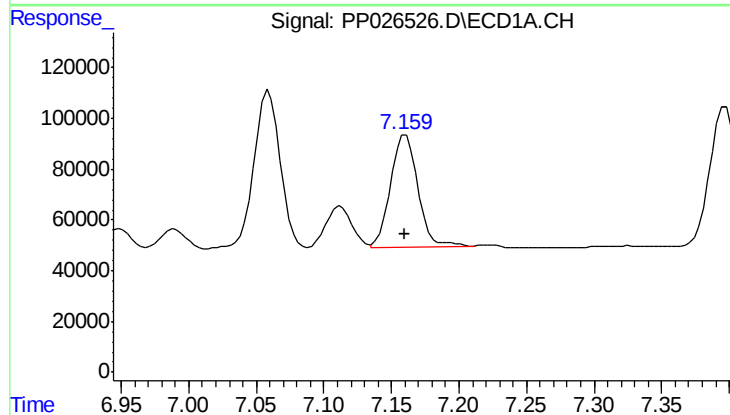
R.T.: 6.914 min  
Delta R.T.: 0.000 min  
Response: 182003  
Conc: 35.13 ng/ml

Instrument :  
ECD\_P  
ClientSampleId :  
AR1254ICC500



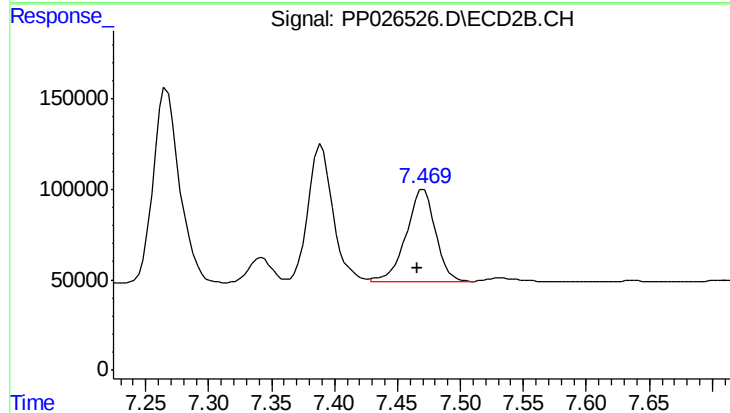
#34 Aroclor-1260-4

R.T.: 7.267 min  
Delta R.T.: -0.007 min  
Response: 1571937  
Conc: 214.21 ng/ml



#35 Aroclor-1260-5

R.T.: 7.161 min  
Delta R.T.: 0.000 min  
Response: 622566  
Conc: 33.75 ng/ml



#35 Aroclor-1260-5

R.T.: 7.471 min  
Delta R.T.: 0.005 min  
Response: 822677  
Conc: 52.02 ng/ml