

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092619\
 Data File : PL052780.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Sep 2019 21:23
 Operator : SG\AJ
 Sample : K5038-09MSD
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TS-2MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 27 00:54:09 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL091719.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 17 11:25:25 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...	3.550	4.049	180.6E6	46238171	23.157	21.220
28)	SA Decachlor...	8.346	9.127	381.9E6	80045467	43.669	33.427
Target Compounds							
2)	A alpha-BHC	3.995	4.440	844.2E6	184.9E6	70.219	60.484
3)	MA gamma-BHC...	4.282	4.725	762.9E6	203.4E6	67.429	70.452
4)	MA Heptachlor	4.591	5.235	787.0E6	193.3E6	69.650	65.865
5)	MB Aldrin	4.844	5.541	702.8E6	169.4E6	65.081	63.958
6)	B beta-BHC	4.532	4.894	365.5E6	79231113	74.688	59.409
7)	B delta-BHC	4.741	5.112	706.9E6	172.7E6	62.558	60.326
8)	B Heptachlo...	5.290	5.927	644.6E6	161.6E6	63.088	61.607
9)	A Endosulfan I	5.649	6.283	1133.4E6	135.7E6	116.177	58.197 #
10)	B gamma-Chl...	5.519	6.160	768.9E6	175.0E6	72.398	68.783
11)	B alpha-Chl...	5.578	6.233	654.0E6	152.1E6	63.266	60.888
12)	B 4,4'-DDE	5.742	6.387	644.4E6	146.8E6	69.063	60.199
13)	MA Dieldrin	5.878	6.541	736.2E6	168.0E6	71.021	68.804
14)	MA Endrin	6.137	6.758	646.3E6	123.9E6	78.175	63.998
15)	B Endosulfa...	6.410	6.967	662.2E6	148.3E6	68.268	66.455
16)	A 4,4'-DDD	6.260	6.878	475.3E6	139.6E6	62.056	75.822
17)	MA 4,4'-DDT	6.503	7.177	610.1E6	136.9E6	78.607	74.863
18)	B Endrin al...	6.578	7.090	932.9E6	113.9E6	120.656	61.420 #
19)	B Endosulfa...	6.792	7.313	657.8E6	142.3E6	79.300	69.283
20)	A Methoxychlor	7.050	7.633	392.0E6	64014632	96.959	63.173 #
21)	B Endrin ke...	7.286	7.784	617.5E6	117.5E6	59.475	52.890
22)	Mirex	7.483	8.242	503.6E6	138.8E6	65.845	81.085
23)	Chlordane-1	4.433	5.038	35495495	2230711	131.947	28.729 #
24)	Chlordane-2	4.921f	5.482f	23362495	8311798	76.816	101.350 #
25)	Chlordane-3	5.519	6.160	768.9E6	175.0E6	794.739	571.896 #
26)	Chlordane-4	5.578	6.233	654.0E6	152.1E6	831.057	395.466 #
27)	Chlordane-5	6.410f	7.053f	662.2E6	4273642	2150.383	66.731 #

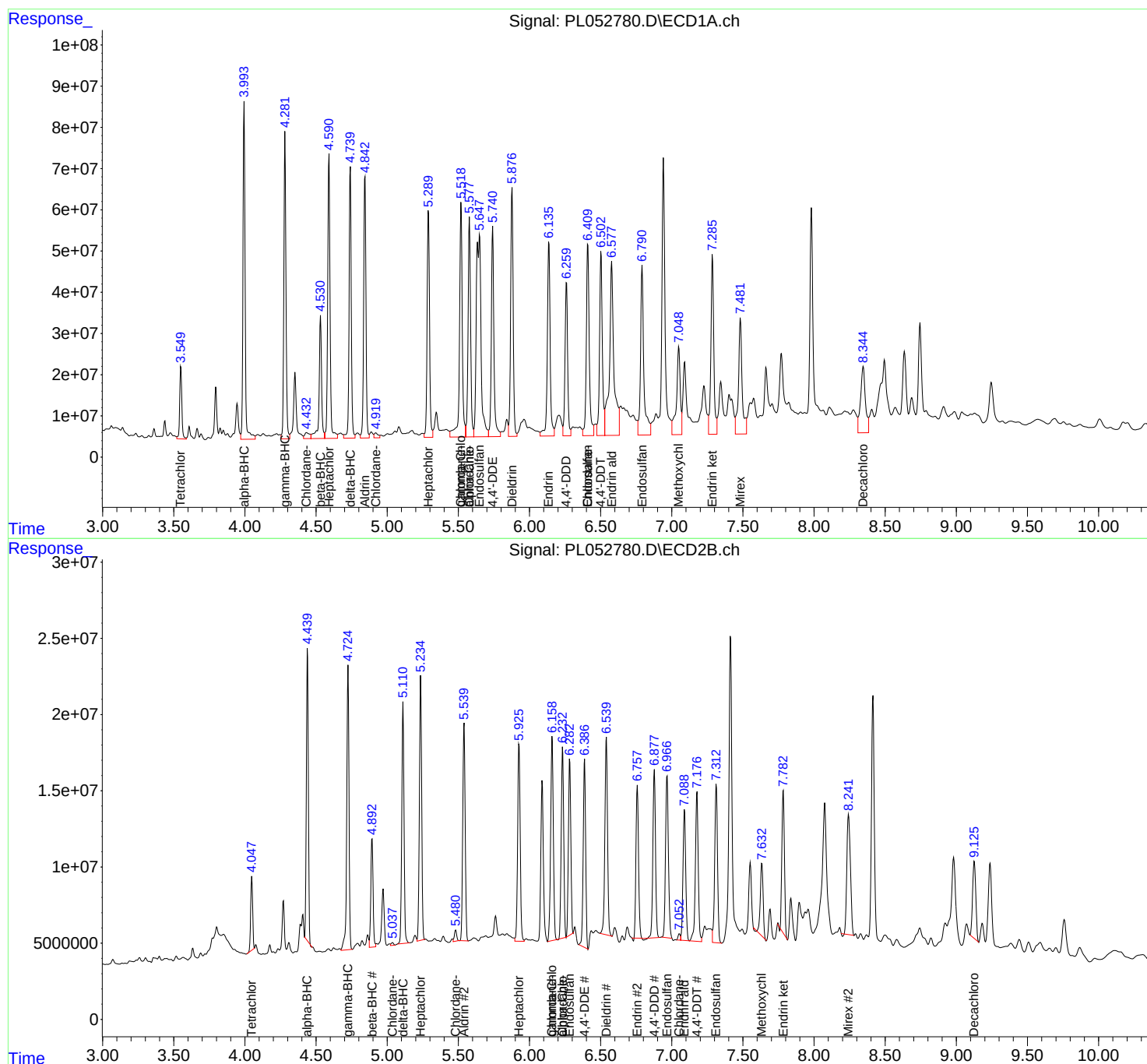
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

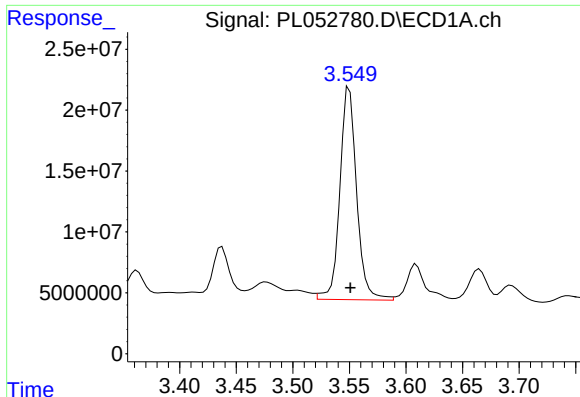
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092619\
Data File : PL052780.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Sep 2019 21:23
Operator : SG\AJ
Sample : K5038-09MSD
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampled :
TS-2MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 27 00:54:09 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL091719.M
Quant Title : GC Extractables
QLast Update : Tue Sep 17 11:25:25 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

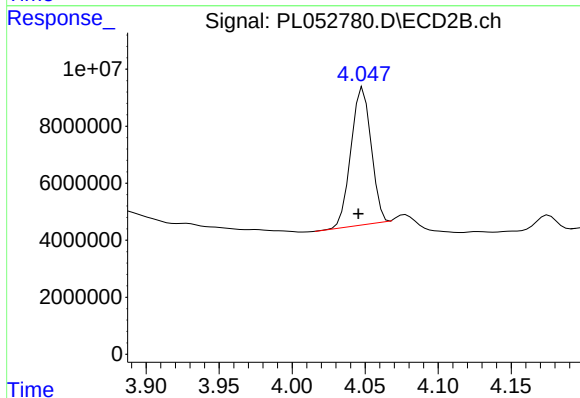




#1 Tetrachloro-m-xylene

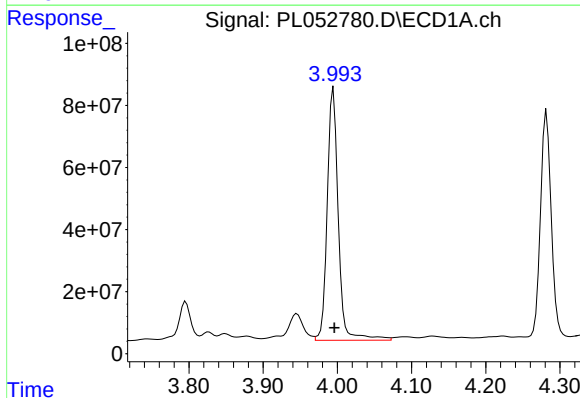
R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 180568694
Conc: 23.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
TS-2MSD



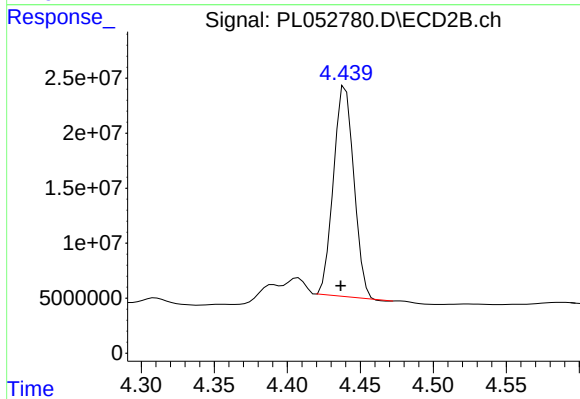
#1 Tetrachloro-m-xylene

R.T.: 4.049 min
Delta R.T.: 0.003 min
Response: 46238171
Conc: 21.22 ng/ml



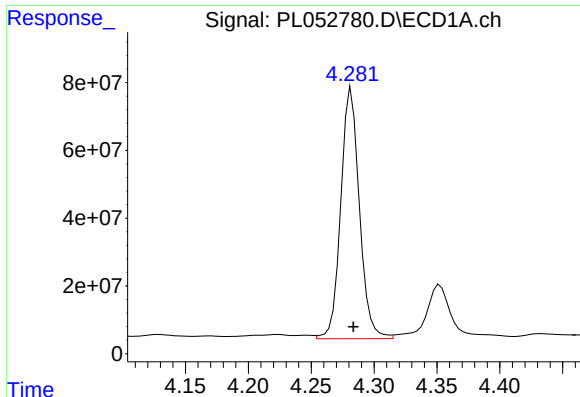
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: -0.002 min
Response: 844204461
Conc: 70.22 ng/ml



#2 alpha-BHC

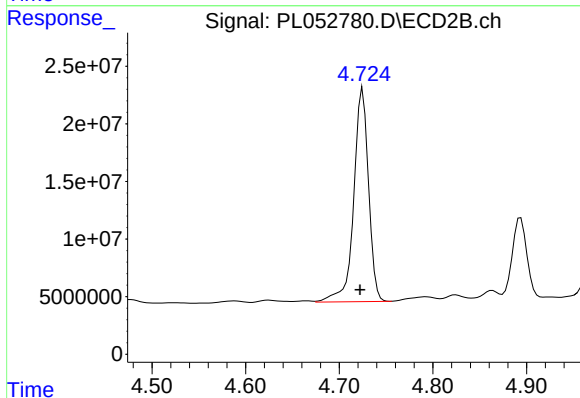
R.T.: 4.440 min
Delta R.T.: 0.003 min
Response: 184874472
Conc: 60.48 ng/ml



#3 gamma-BHC (Lindane)

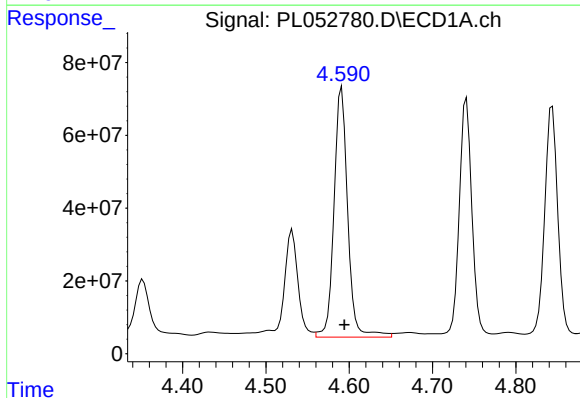
R.T.: 4.282 min
Delta R.T.: -0.002 min
Response: 762911922
Conc: 67.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
TS-2MSD



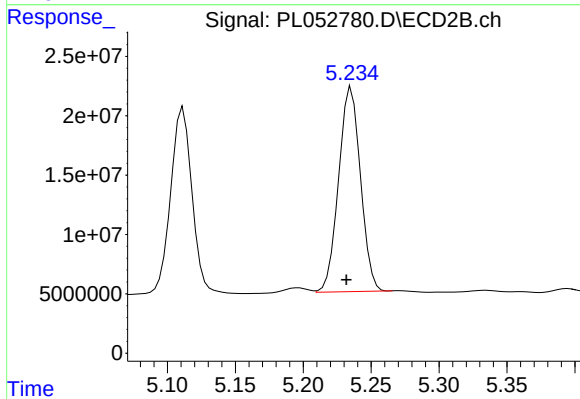
#3 gamma-BHC (Lindane)

R.T.: 4.725 min
Delta R.T.: 0.003 min
Response: 203431106
Conc: 70.45 ng/ml



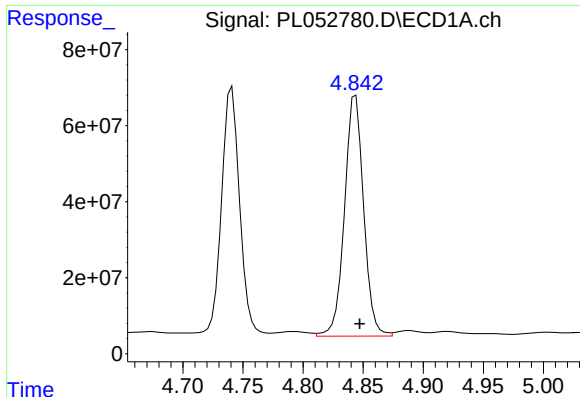
#4 Heptachlor

R.T.: 4.591 min
Delta R.T.: -0.003 min
Response: 786979592
Conc: 69.65 ng/ml



#4 Heptachlor

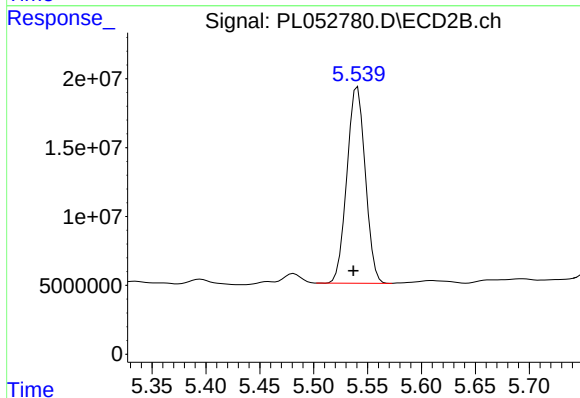
R.T.: 5.235 min
Delta R.T.: 0.004 min
Response: 193299014
Conc: 65.86 ng/ml



#5 Aldrin

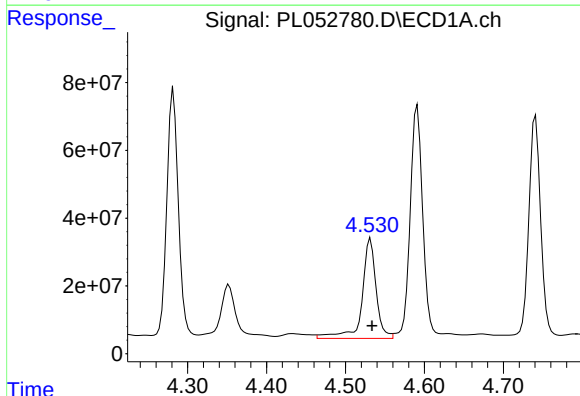
R.T.: 4.844 min
Delta R.T.: -0.003 min
Response: 702776454
Conc: 65.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
TS-2MSD



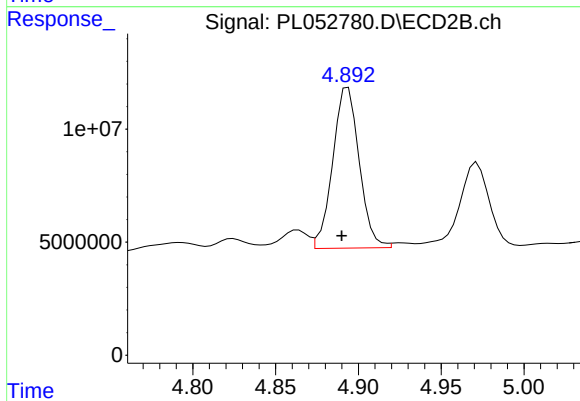
#5 Aldrin

R.T.: 5.541 min
Delta R.T.: 0.004 min
Response: 169408228
Conc: 63.96 ng/ml



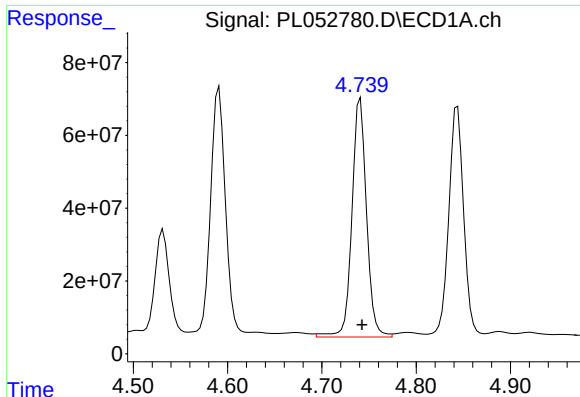
#6 beta-BHC

R.T.: 4.532 min
Delta R.T.: -0.002 min
Response: 365512016
Conc: 74.69 ng/ml



#6 beta-BHC

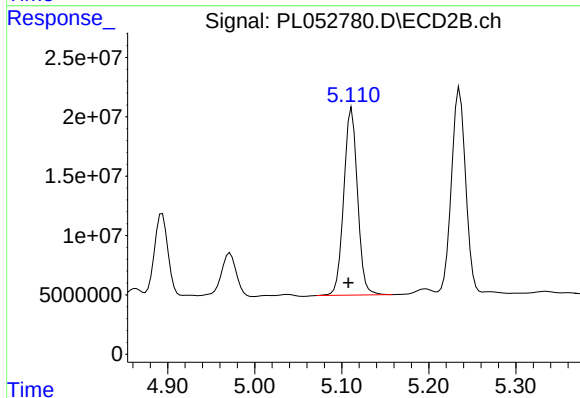
R.T.: 4.894 min
Delta R.T.: 0.004 min
Response: 79231113
Conc: 59.41 ng/ml



#7 delta-BHC

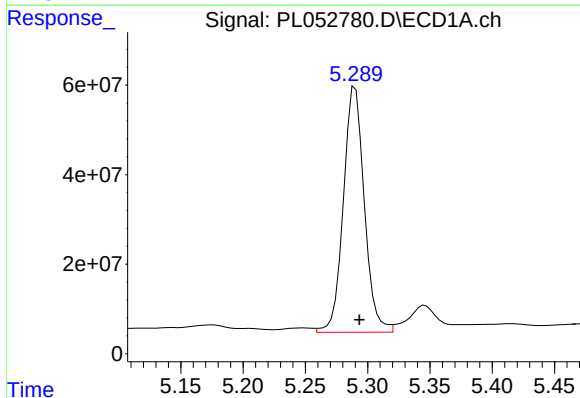
R.T.: 4.741 min
Delta R.T.: -0.002 min
Response: 706932479
Conc: 62.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
TS-2MSD



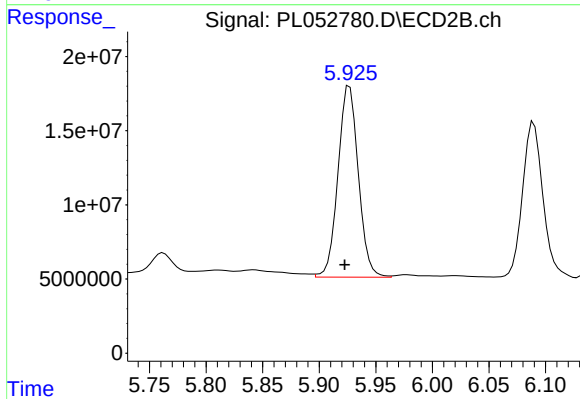
#7 delta-BHC

R.T.: 5.112 min
Delta R.T.: 0.004 min
Response: 172705100
Conc: 60.33 ng/ml



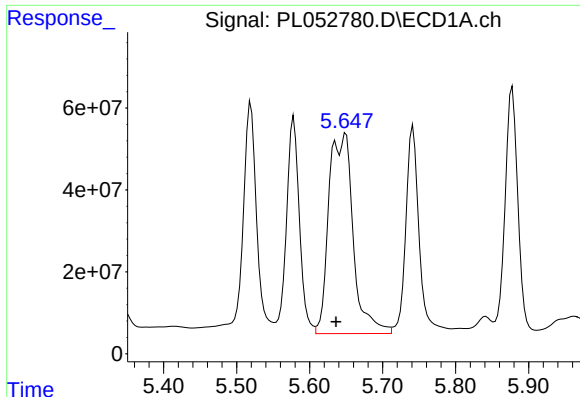
#8 Heptachlor epoxide

R.T.: 5.290 min
Delta R.T.: -0.003 min
Response: 644589043
Conc: 63.09 ng/ml



#8 Heptachlor epoxide

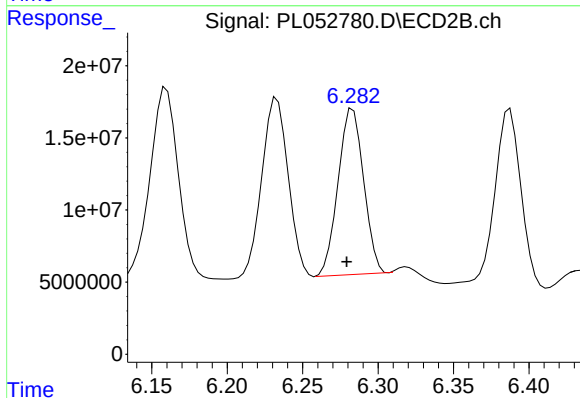
R.T.: 5.927 min
Delta R.T.: 0.004 min
Response: 161562356
Conc: 61.61 ng/ml



#9 Endosulfan I

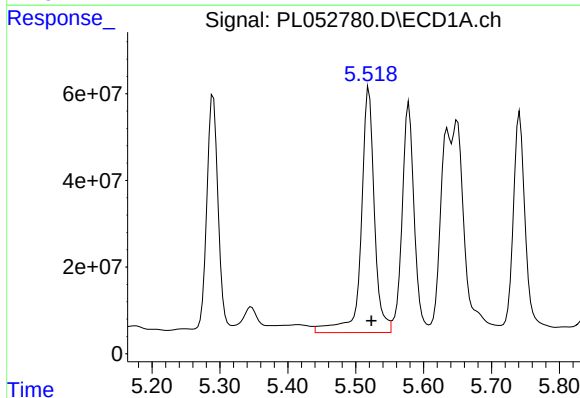
R.T.: 5.649 min
Delta R.T.: 0.013 min
Response: 1133380995
Conc: 116.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
TS-2MSD



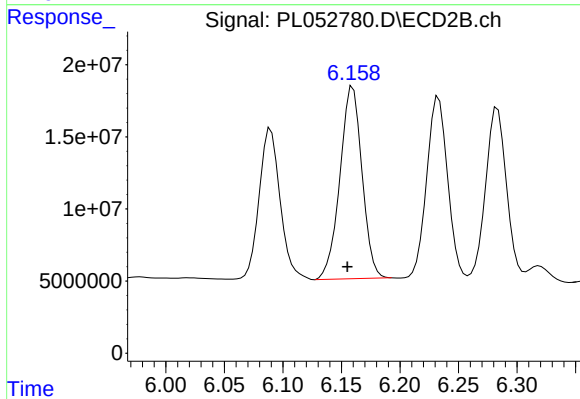
#9 Endosulfan I

R.T.: 6.283 min
Delta R.T.: 0.004 min
Response: 135670184
Conc: 58.20 ng/ml



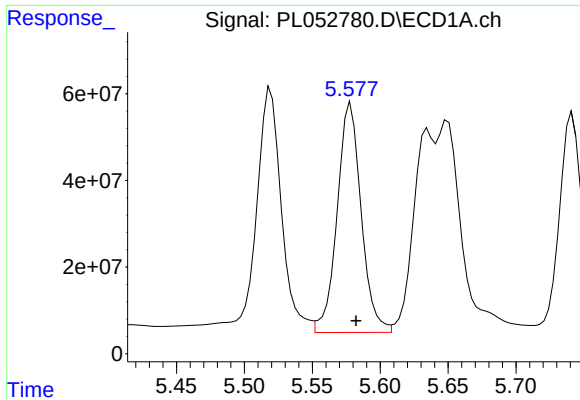
#10 gamma-Chlordane

R.T.: 5.519 min
Delta R.T.: -0.004 min
Response: 768877141
Conc: 72.40 ng/ml



#10 gamma-Chlordane

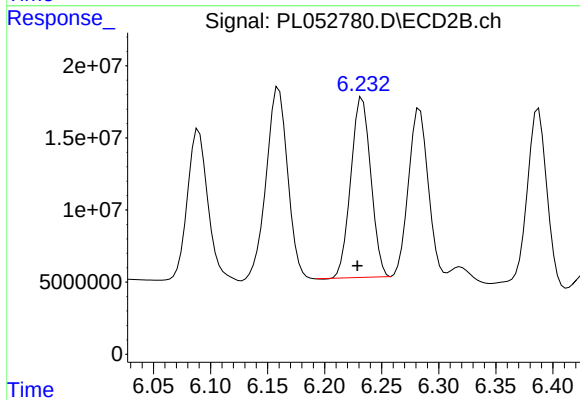
R.T.: 6.160 min
Delta R.T.: 0.005 min
Response: 174982580
Conc: 68.78 ng/ml



#11 alpha-Chlordane

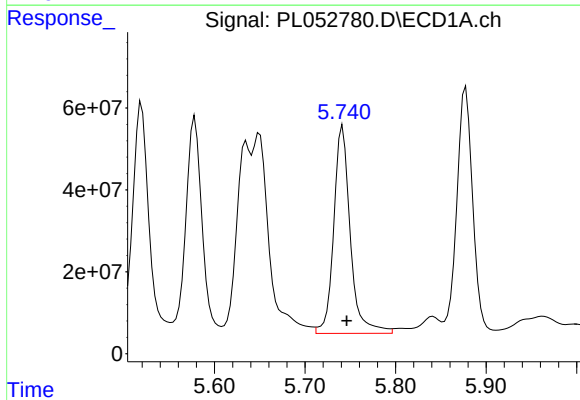
R.T.: 5.578 min
Delta R.T.: -0.004 min
Response: 653996095
Conc: 63.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
TS-2MSD



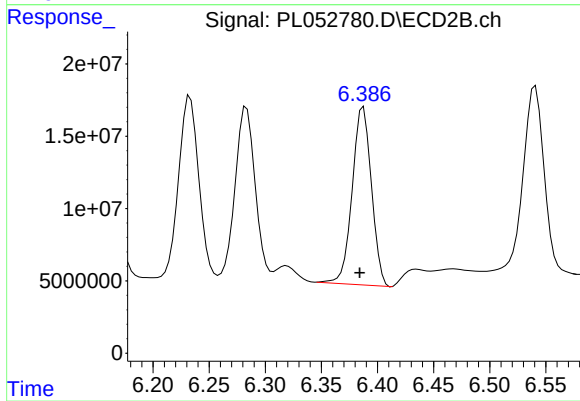
#11 alpha-Chlordane

R.T.: 6.233 min
Delta R.T.: 0.004 min
Response: 152100742
Conc: 60.89 ng/ml



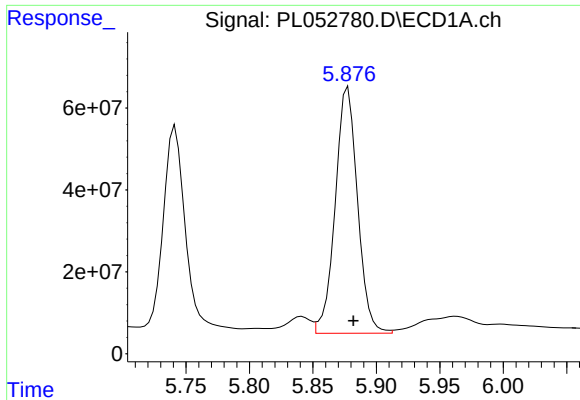
#12 4,4'-DDE

R.T.: 5.742 min
Delta R.T.: -0.004 min
Response: 644429193
Conc: 69.06 ng/ml



#12 4,4'-DDE

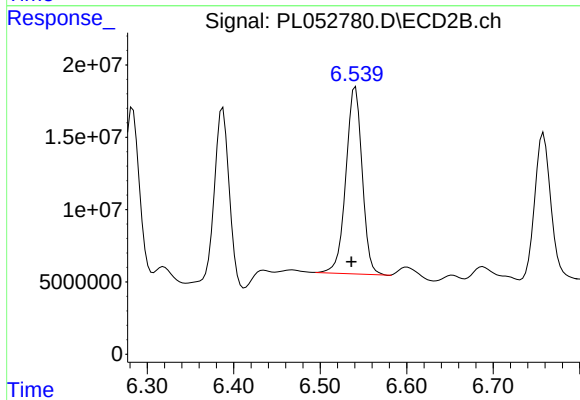
R.T.: 6.387 min
Delta R.T.: 0.003 min
Response: 146765380
Conc: 60.20 ng/ml



#13 Dieldrin

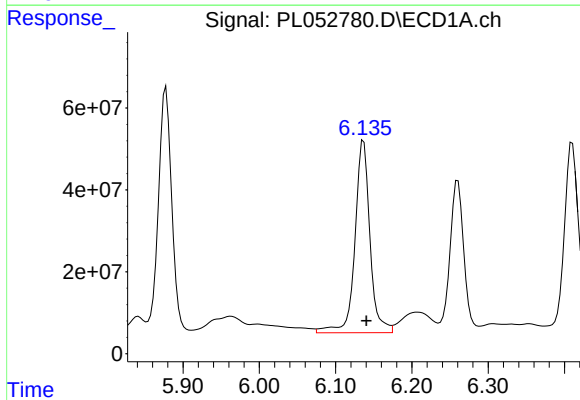
R.T.: 5.878 min
Delta R.T.: -0.004 min
Response: 736206517
Conc: 71.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
TS-2MSD



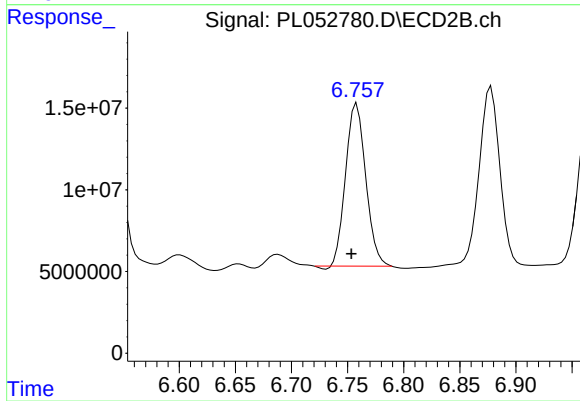
#13 Dieldrin

R.T.: 6.541 min
Delta R.T.: 0.005 min
Response: 168024769
Conc: 68.80 ng/ml



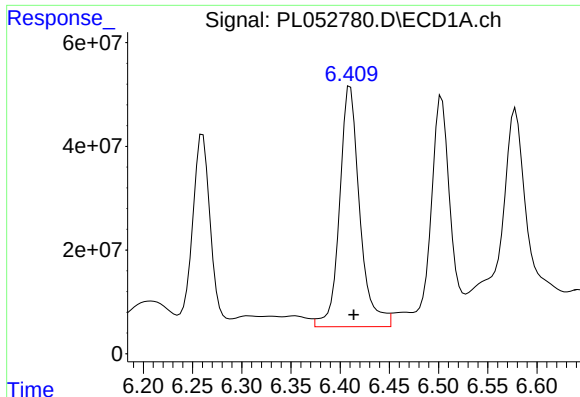
#14 Endrin

R.T.: 6.137 min
Delta R.T.: -0.004 min
Response: 646332497
Conc: 78.18 ng/ml



#14 Endrin

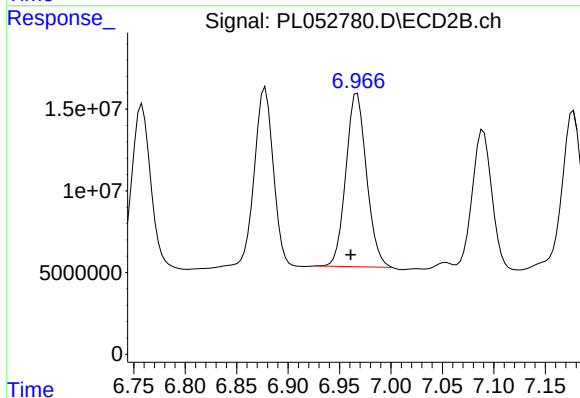
R.T.: 6.758 min
Delta R.T.: 0.005 min
Response: 123873421
Conc: 64.00 ng/ml



#15 Endosulfan II

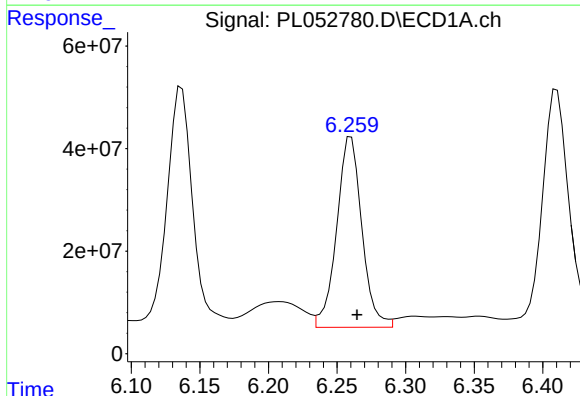
R.T.: 6.410 min
Delta R.T.: -0.003 min
Response: 662190349
Conc: 68.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
TS-2MSD



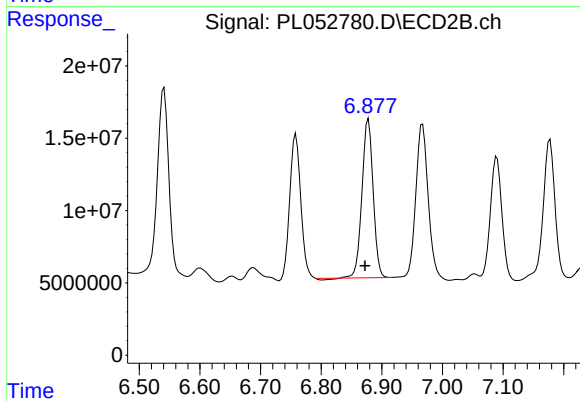
#15 Endosulfan II

R.T.: 6.967 min
Delta R.T.: 0.006 min
Response: 148340786
Conc: 66.46 ng/ml



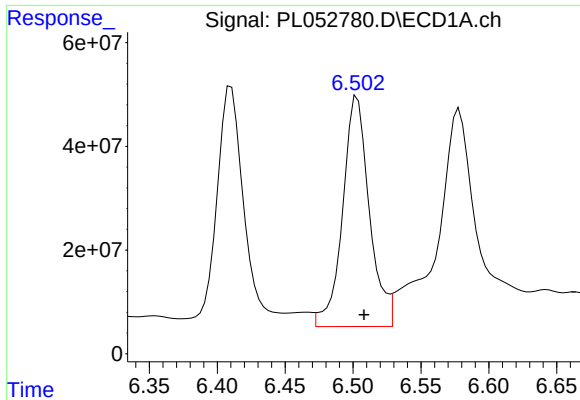
#16 4,4'-DDD

R.T.: 6.260 min
Delta R.T.: -0.004 min
Response: 475285154
Conc: 62.06 ng/ml



#16 4,4'-DDD

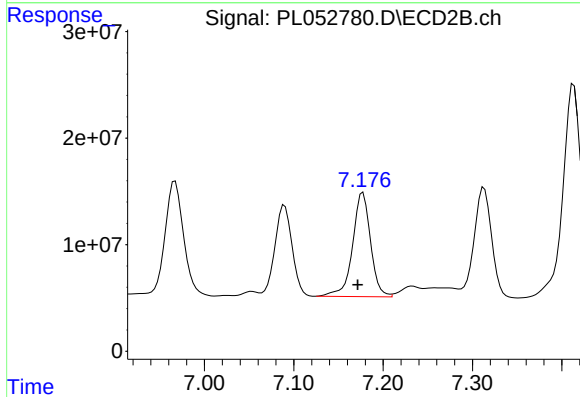
R.T.: 6.878 min
Delta R.T.: 0.005 min
Response: 139648751
Conc: 75.82 ng/ml



#17 4,4'-DDT

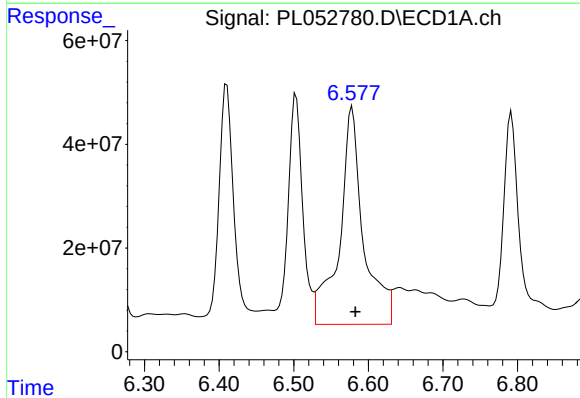
R.T.: 6.503 min
Delta R.T.: -0.005 min
Response: 610088141
Conc: 78.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
TS-2MSD



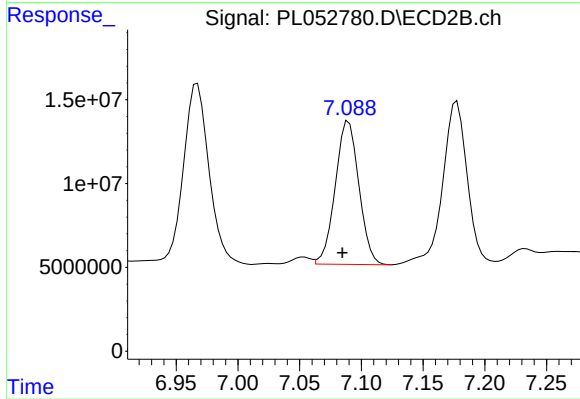
#17 4,4'-DDT

R.T.: 7.177 min
Delta R.T.: 0.006 min
Response: 136929966
Conc: 74.86 ng/ml



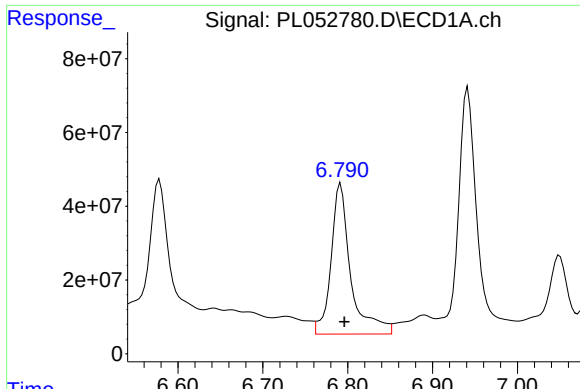
#18 Endrin aldehyde

R.T.: 6.578 min
Delta R.T.: -0.005 min
Response: 932883450
Conc: 120.66 ng/ml



#18 Endrin aldehyde

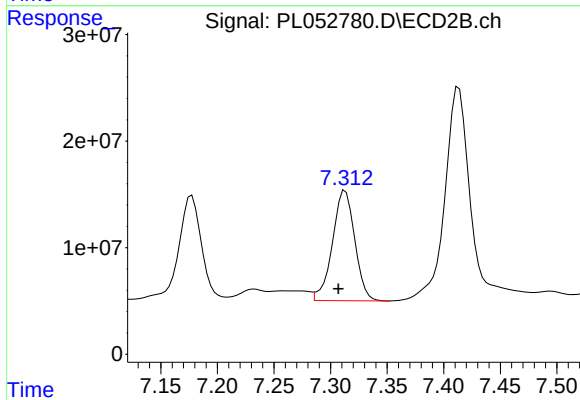
R.T.: 7.090 min
Delta R.T.: 0.005 min
Response: 113936677
Conc: 61.42 ng/ml



#19 Endosulfan Sulfate

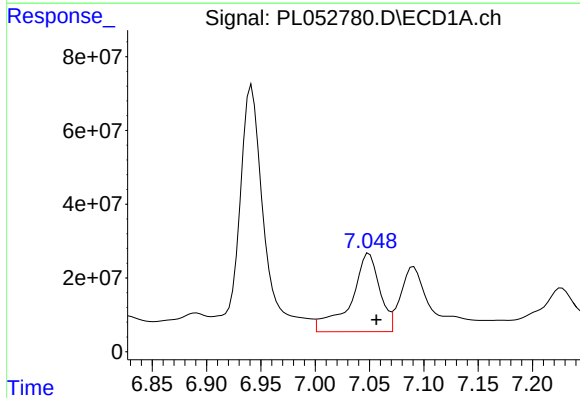
R.T.: 6.792 min
Delta R.T.: -0.004 min
Response: 657780611
Conc: 79.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
TS-2MSD



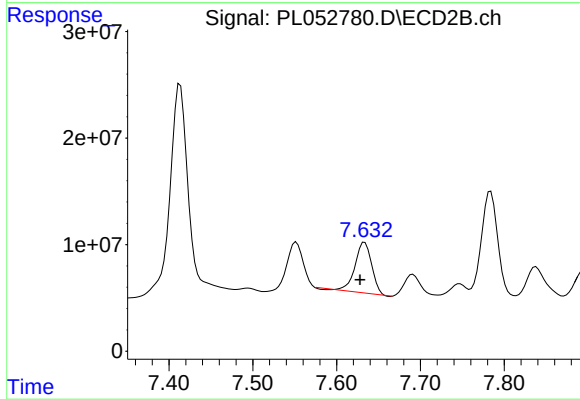
#19 Endosulfan Sulfate

R.T.: 7.313 min
Delta R.T.: 0.006 min
Response: 142299560
Conc: 69.28 ng/ml



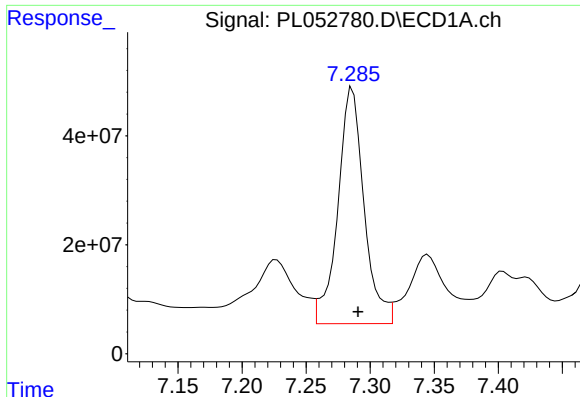
#20 Methoxychlor

R.T.: 7.050 min
Delta R.T.: -0.007 min
Response: 392008697
Conc: 96.96 ng/ml



#20 Methoxychlor

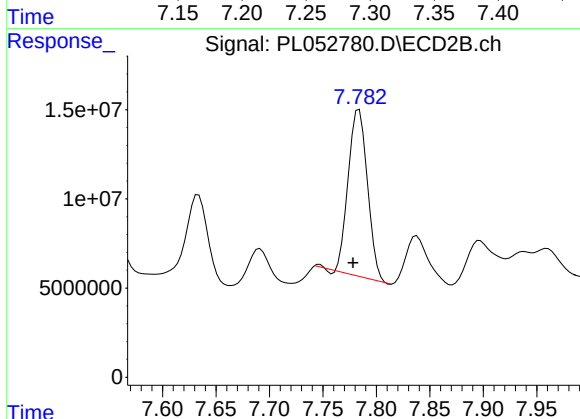
R.T.: 7.633 min
Delta R.T.: 0.005 min
Response: 64014632
Conc: 63.17 ng/ml



#21 Endrin ketone

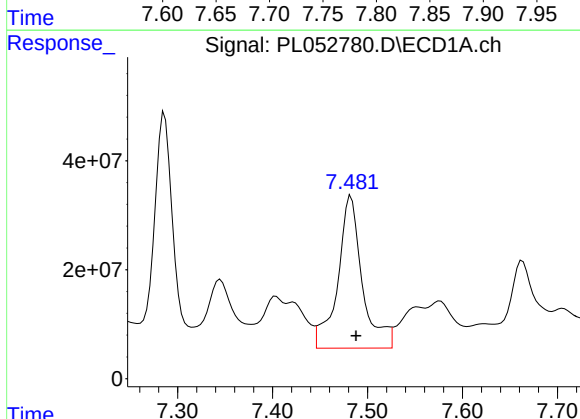
R.T.: 7.286 min
Delta R.T.: -0.004 min
Response: 617539768
Conc: 59.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
TS-2MSD



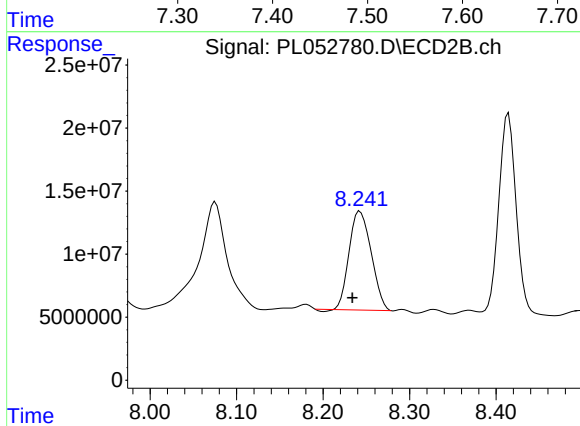
#21 Endrin ketone

R.T.: 7.784 min
Delta R.T.: 0.006 min
Response: 117453858
Conc: 52.89 ng/ml



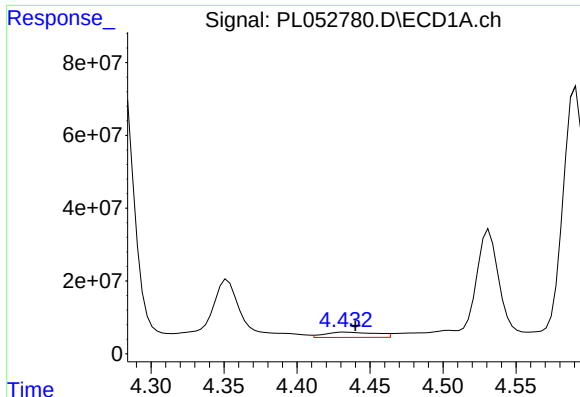
#22 Mirex

R.T.: 7.483 min
Delta R.T.: -0.005 min
Response: 503564306
Conc: 65.85 ng/ml



#22 Mirex

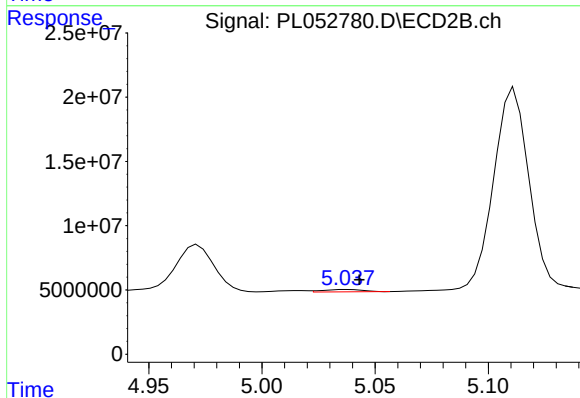
R.T.: 8.242 min
Delta R.T.: 0.009 min
Response: 138772275
Conc: 81.09 ng/ml



#23 Chlordane-1

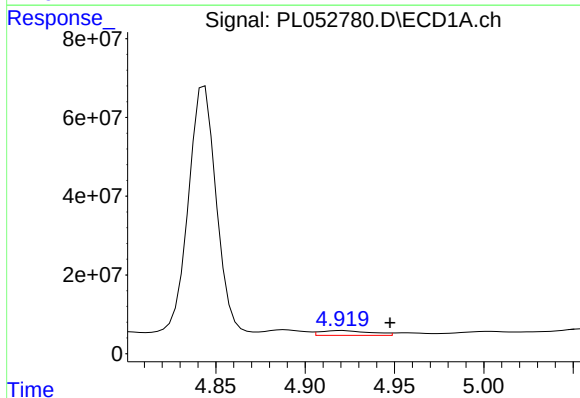
R.T.: 4.433 min
Delta R.T.: -0.007 min
Response: 35495495
Conc: 131.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
TS-2MSD



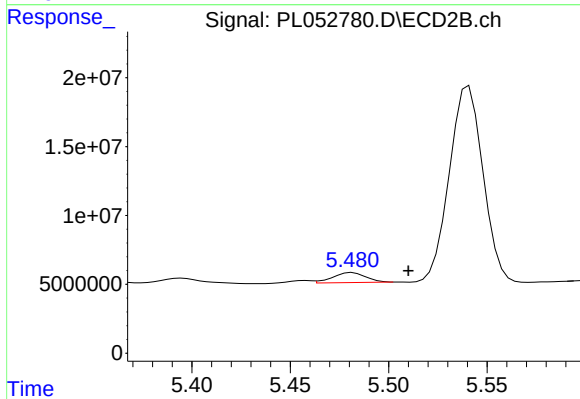
#23 Chlordane-1

R.T.: 5.038 min
Delta R.T.: -0.005 min
Response: 2230711
Conc: 28.73 ng/ml



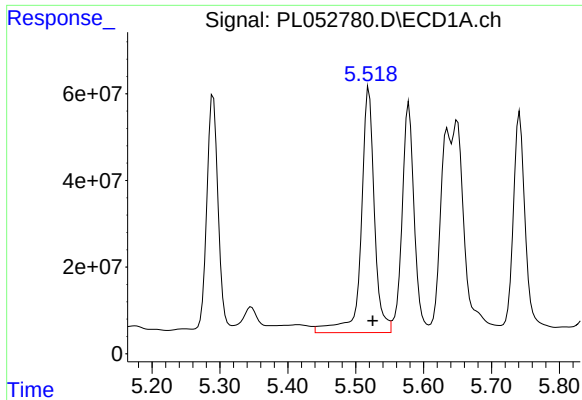
#24 Chlordane-2

R.T.: 4.921 min
Delta R.T.: -0.027 min
Response: 23362495
Conc: 76.82 ng/ml



#24 Chlordane-2

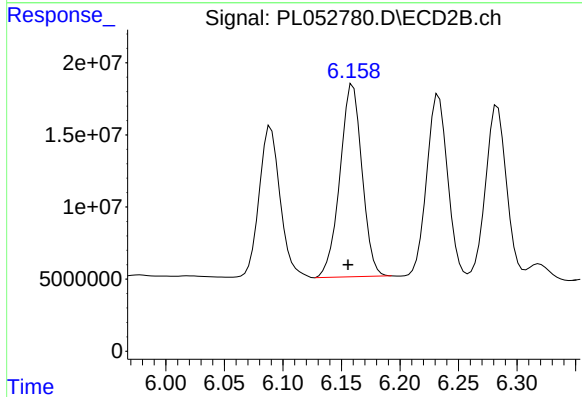
R.T.: 5.482 min
Delta R.T.: -0.028 min
Response: 8311798
Conc: 101.35 ng/ml



#25 Chlordane-3

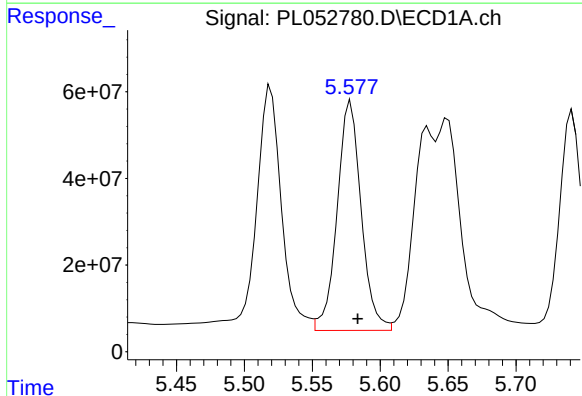
R.T.: 5.519 min
Delta R.T.: -0.006 min
Response: 768877141
Conc: 794.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
TS-2MSD



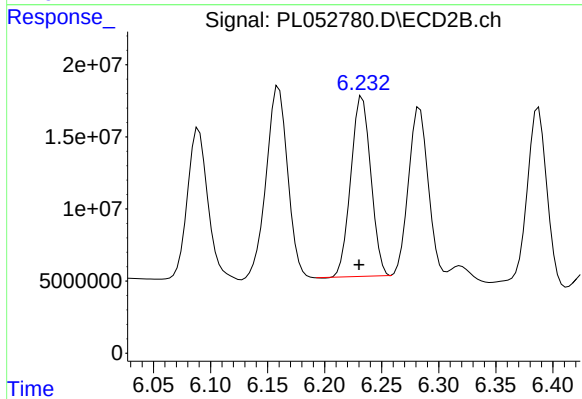
#25 Chlordane-3

R.T.: 6.160 min
Delta R.T.: 0.004 min
Response: 174982580
Conc: 571.90 ng/ml



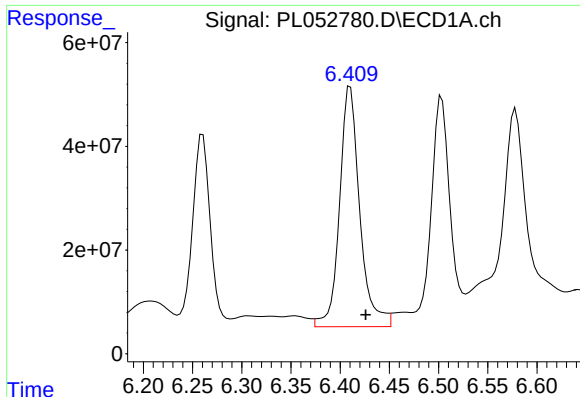
#26 Chlordane-4

R.T.: 5.578 min
Delta R.T.: -0.005 min
Response: 653996095
Conc: 831.06 ng/ml



#26 Chlordane-4

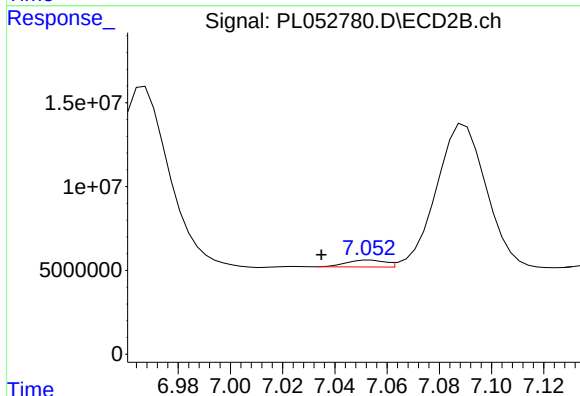
R.T.: 6.233 min
Delta R.T.: 0.003 min
Response: 152100742
Conc: 395.47 ng/ml



#27 Chlordane-5

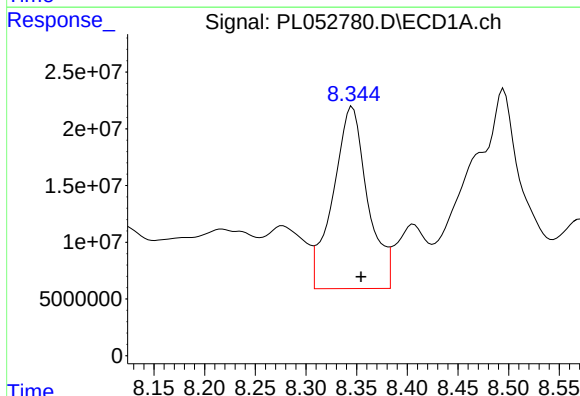
R.T.: 6.410 min
Delta R.T.: -0.016 min
Response: 662190349
Conc: 2150.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
TS-2MSD



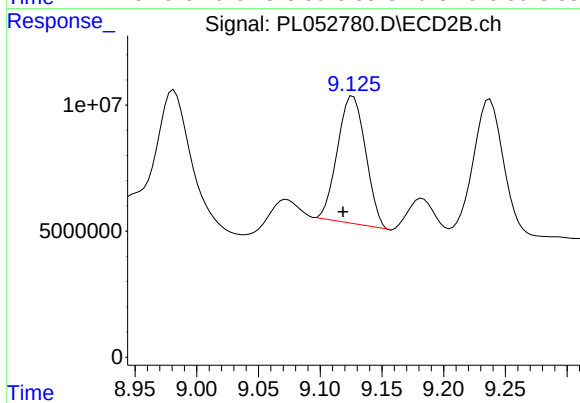
#27 Chlordane-5

R.T.: 7.053 min
Delta R.T.: 0.019 min
Response: 4273642
Conc: 66.73 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.346 min
Delta R.T.: -0.009 min
Response: 381866615
Conc: 43.67 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.127 min
Delta R.T.: 0.008 min
Response: 80045467
Conc: 33.43 ng/ml