

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL103119\
 Data File : PL053953.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Oct 2019 15:02
 Operator : SG\AJ
 Sample : K5612-04MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 01 01:16:59 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL101919.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 18 13:56:08 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...	3.542	4.045	223.9E6	54994064	20.656	21.977
28)	SA Decachlor...	8.328	9.126	125.3E6	37630576	12.772	13.363
Target Compounds							
2)	A alpha-BHC	3.986	4.436	1054.8E6	222.7E6	60.491	64.418
3)	MA gamma-BHC...	4.272	4.722	922.4E6	200.7E6	59.231	62.332
4)	MA Heptachlor	4.579	5.231	894.9E6	182.2E6	56.703	56.534
5)	MB Aldrin	4.831	5.537	805.2E6	253.5E6	56.325	85.017 #
6)	B beta-BHC	4.523	4.892	373.9E6	90348158	56.733	58.492
7)	B delta-BHC	4.731	5.109	793.7E6	168.6E6	52.143	55.810
8)	B Heptachlo...	5.277	5.923	954.9E6	214.6E6	70.739	73.577
9)	A Endosulfan I	5.618	6.280	759.5E6	143.6E6	61.791	52.959
10)	B gamma-Chl...	5.505	6.157	899.8E6	155.4E6	65.947	53.272
11)	B alpha-Chl...	5.564	6.229	823.9E6	155.2E6	61.932	53.161
12)	B 4,4'-DDE	5.726	6.385	651.1E6	144.1E6	54.796	51.168
13)	MA Dieldrin	5.862	6.537	667.9E6	156.3E6	51.248	54.784
14)	MA Endrin	6.121	6.755	575.2E6	123.2E6	49.623	50.771
15)	B Endosulfa...	6.394	6.964	519.4E6	135.2E6	46.459	52.919
16)	A 4,4'-DDD	6.244	6.876	444.0E6	117.8E6	49.889	56.548
17)	MA 4,4'-DDT	6.486	7.175	413.9E6	103.0E6	41.786	44.535
18)	B Endrin al...	6.563	7.088	396.9E6	106.5E6	43.288	48.494
19)	B Endosulfa...	6.776	7.311	455.0E6	119.2E6	44.735	48.591
20)	A Methoxychlor	7.032	7.633	204.8E6	57943887	41.536	44.610
21)	B Endrin ke...	7.271	7.782	494.1E6	134.5E6	45.896	52.169
22)	Mirex	7.463	8.238	382.6E6	103.5E6	44.738	51.141
23)	Chlordane-1	4.447f	5.042	6575146	732850	18.539	8.738 #
24)	Chlordane-2	4.911f	5.537f	37683944	253.5E6	97.800	2580.703 #
25)	Chlordane-3	5.505	6.157	899.8E6	155.4E6	780.569	425.587 #
26)	Chlordane-4	5.564	6.229	823.9E6	155.2E6	878.890	345.680 #
27)	Chlordane-5	6.394	0.000	519.4E6	0	1420.968	N.D. #

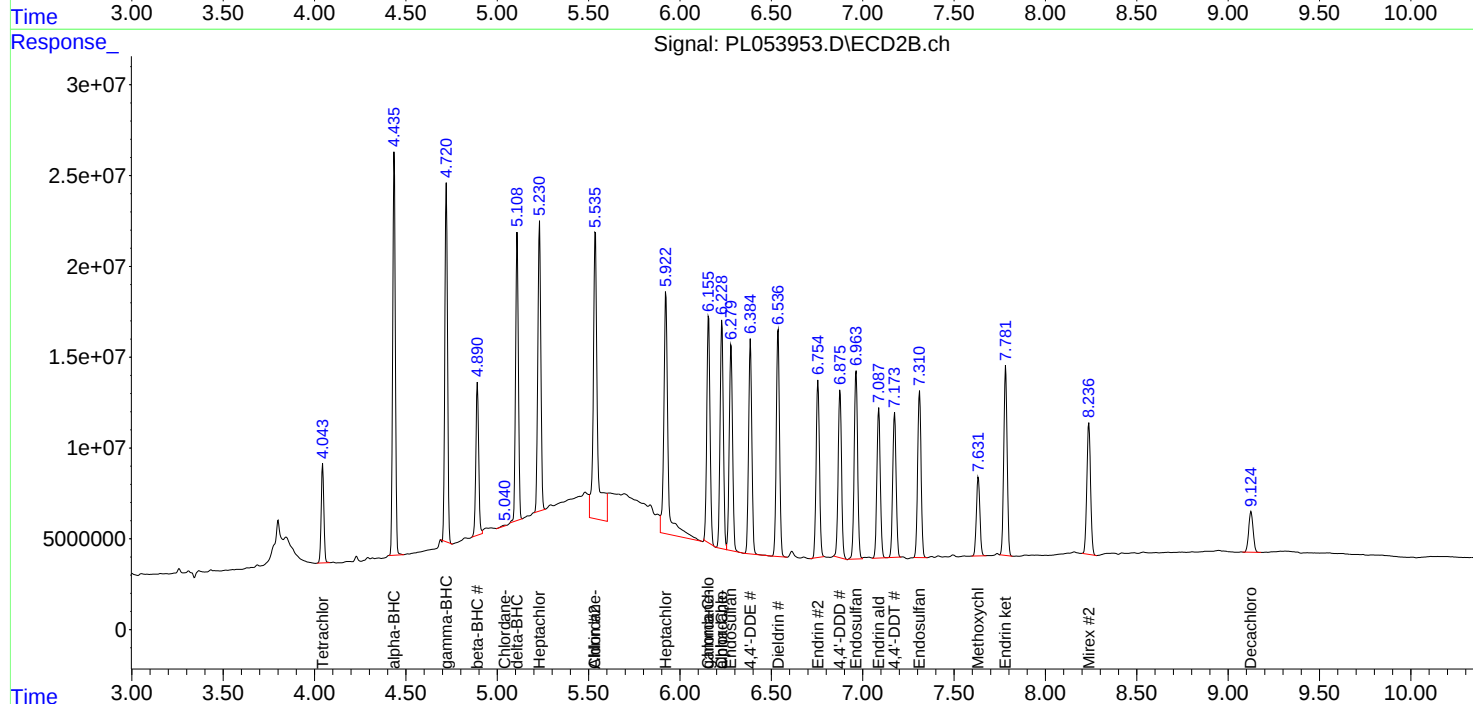
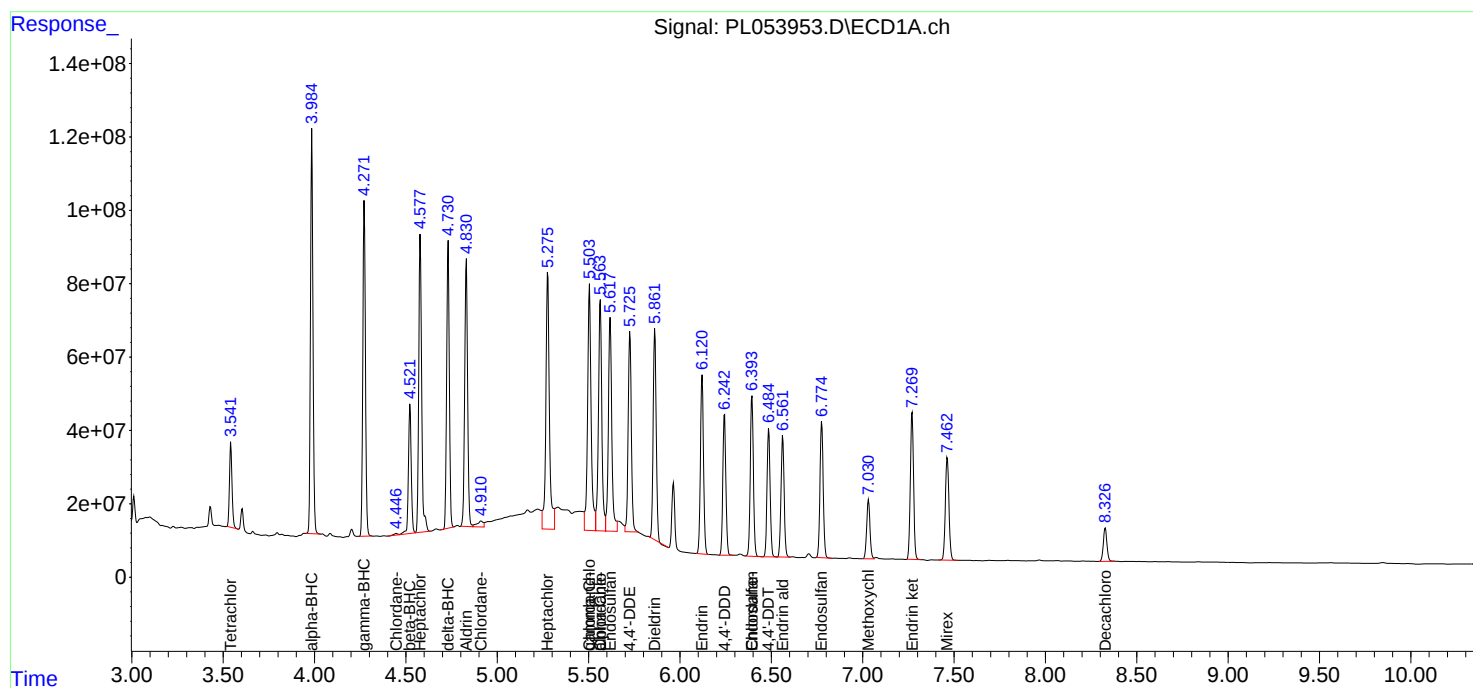
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

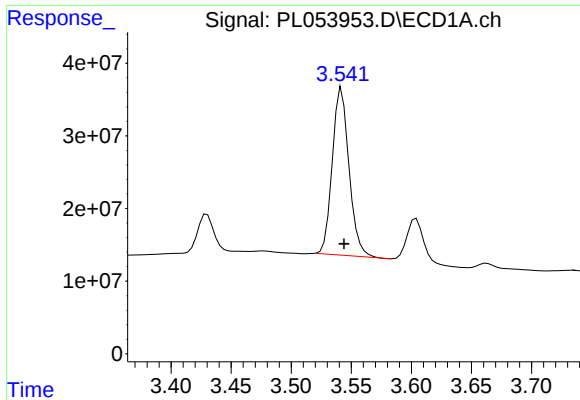
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL103119\
Data File : PL053953.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Oct 2019 15:02
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ALS Vial : 13 Sample Multiplier: 1

Instrument :
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Integration File signal 1: autoint1.e
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Quant Time: Nov 01 01:16:59 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL101919.M
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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

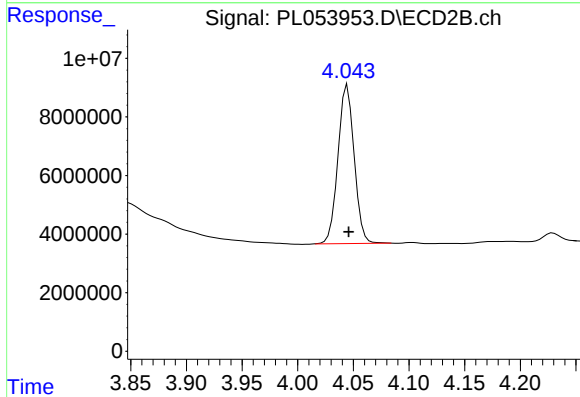




#1 Tetrachloro-m-xylene

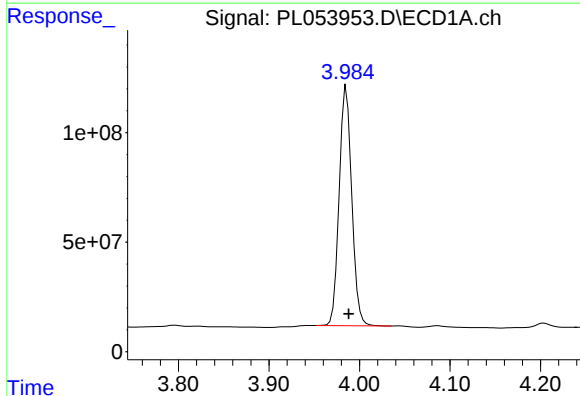
R.T.: 3.542 min
Delta R.T.: -0.002 min
Response: 223897227
Conc: 20.66 ng/ml

Instrument :
ECD_L
ClientSampleId :



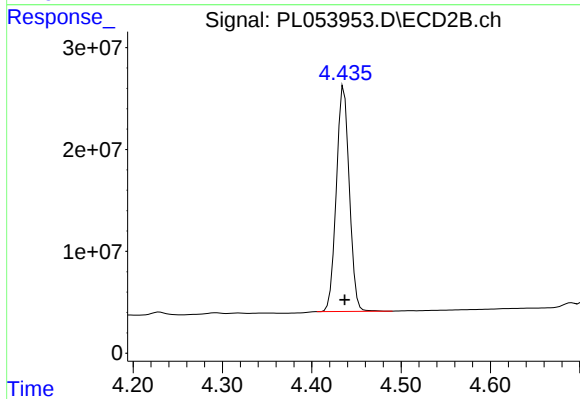
#1 Tetrachloro-m-xylene

R.T.: 4.045 min
Delta R.T.: -0.001 min
Response: 54994064
Conc: 21.98 ng/ml



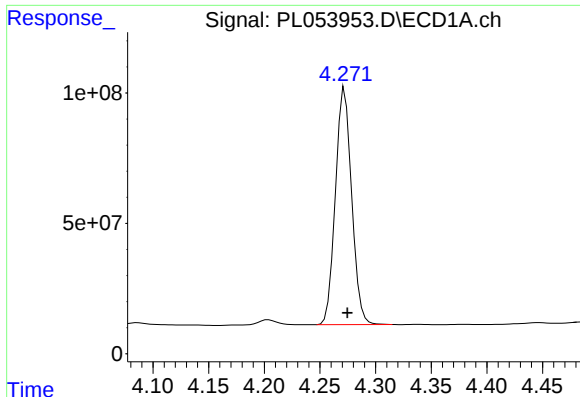
#2 alpha-BHC

R.T.: 3.986 min
Delta R.T.: -0.002 min
Response: 1054755867
Conc: 60.49 ng/ml



#2 alpha-BHC

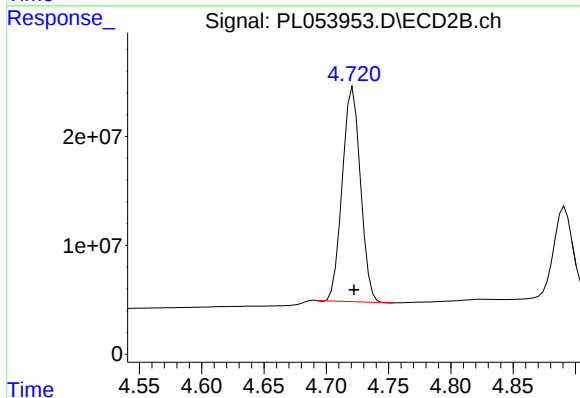
R.T.: 4.436 min
Delta R.T.: 0.000 min
Response: 222698028
Conc: 64.42 ng/ml



#3 gamma-BHC (Lindane)

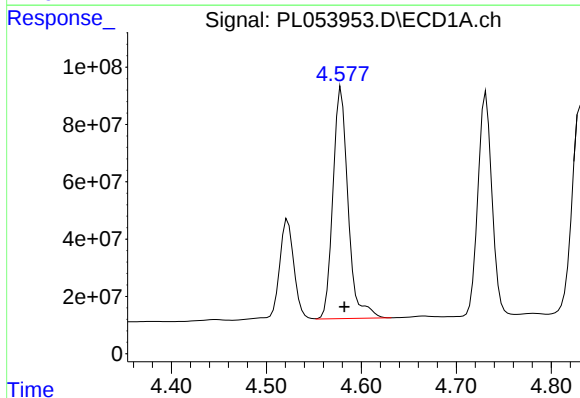
R.T.: 4.272 min
Delta R.T.: -0.002 min
Response: 922435109
Conc: 59.23 ng/ml

Instrument :
ECD_L
ClientSampleId :



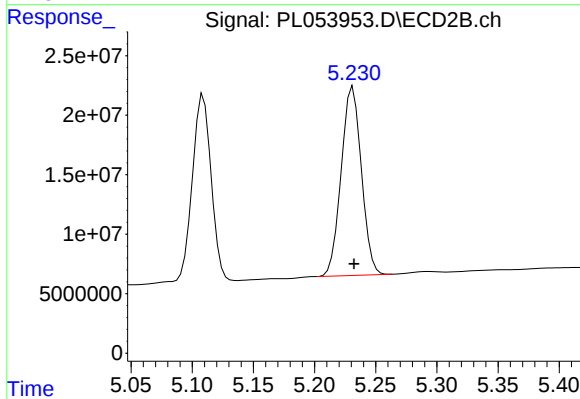
#3 gamma-BHC (Lindane)

R.T.: 4.722 min
Delta R.T.: 0.000 min
Response: 200734447
Conc: 62.33 ng/ml



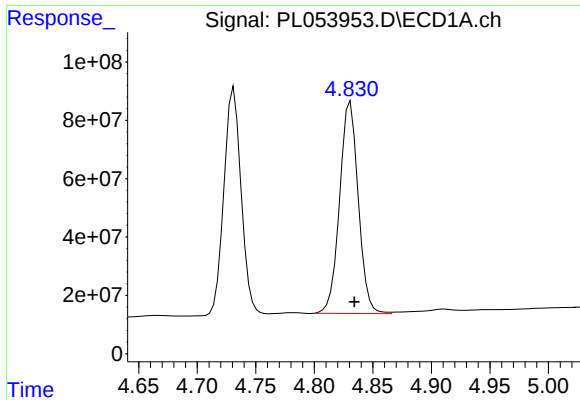
#4 Heptachlor

R.T.: 4.579 min
Delta R.T.: -0.003 min
Response: 894944521
Conc: 56.70 ng/ml



#4 Heptachlor

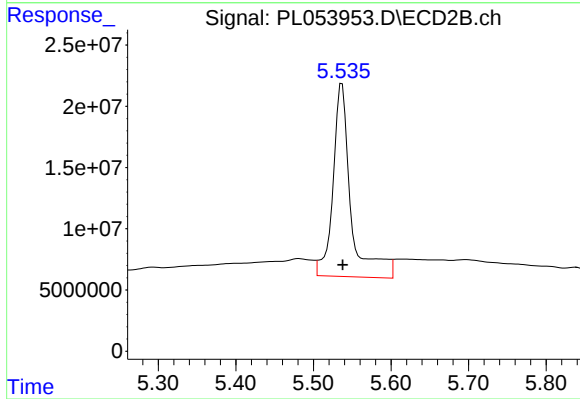
R.T.: 5.231 min
Delta R.T.: 0.000 min
Response: 182163142
Conc: 56.53 ng/ml



#5 Aldrin

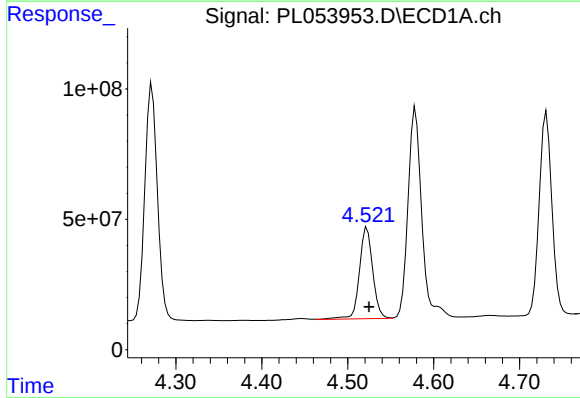
R.T.: 4.831 min
Delta R.T.: -0.003 min
Response: 805203104
Conc: 56.32 ng/ml

Instrument :
ECD_L
ClientSampleId :



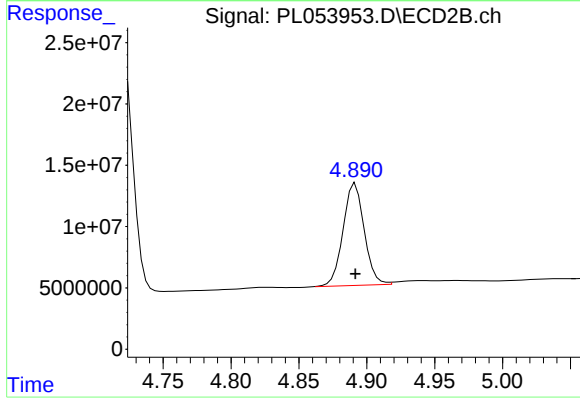
#5 Aldrin

R.T.: 5.537 min
Delta R.T.: 0.000 min
Response: 253480395
Conc: 85.02 ng/ml



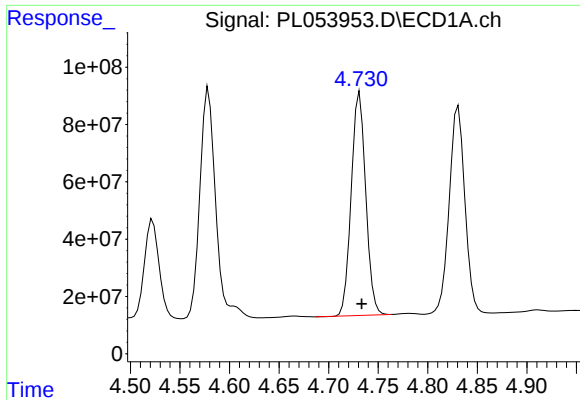
#6 beta-BHC

R.T.: 4.523 min
Delta R.T.: -0.002 min
Response: 373863102
Conc: 56.73 ng/ml



#6 beta-BHC

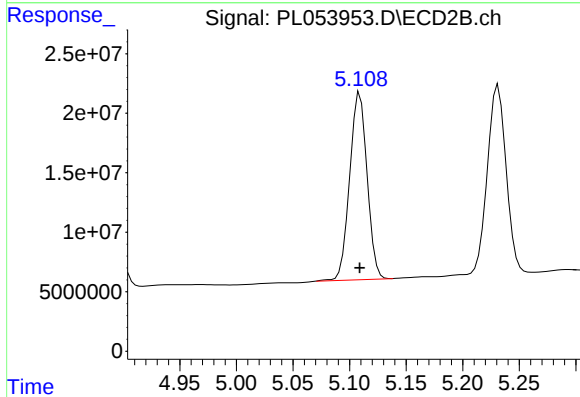
R.T.: 4.892 min
Delta R.T.: 0.000 min
Response: 90348158
Conc: 58.49 ng/ml



#7 delta-BHC

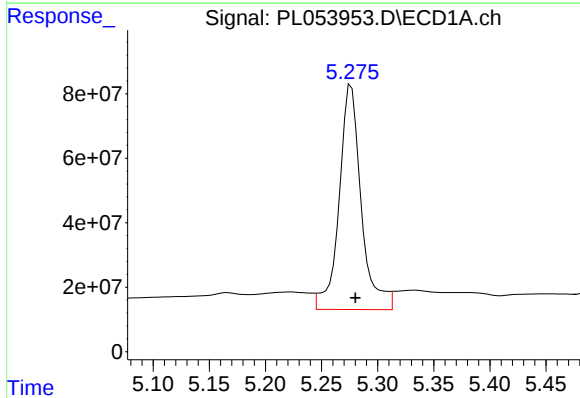
R.T.: 4.731 min
Delta R.T.: -0.002 min
Response: 793678455
Conc: 52.14 ng/ml

Instrument :
ECD_L
ClientSampleId :



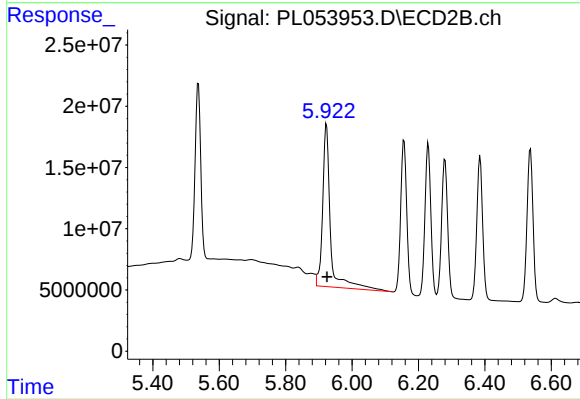
#7 delta-BHC

R.T.: 5.109 min
Delta R.T.: 0.000 min
Response: 168577886
Conc: 55.81 ng/ml



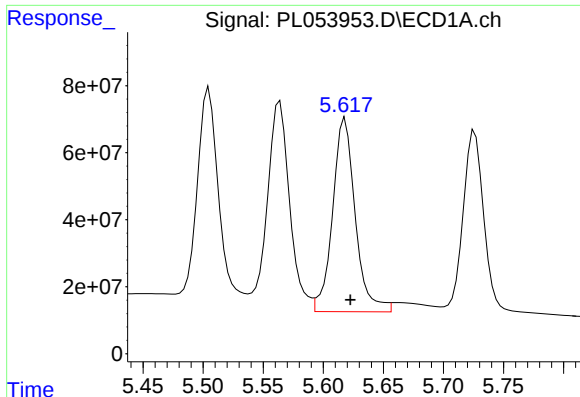
#8 Heptachlor epoxide

R.T.: 5.277 min
Delta R.T.: -0.004 min
Response: 954923840
Conc: 70.74 ng/ml



#8 Heptachlor epoxide

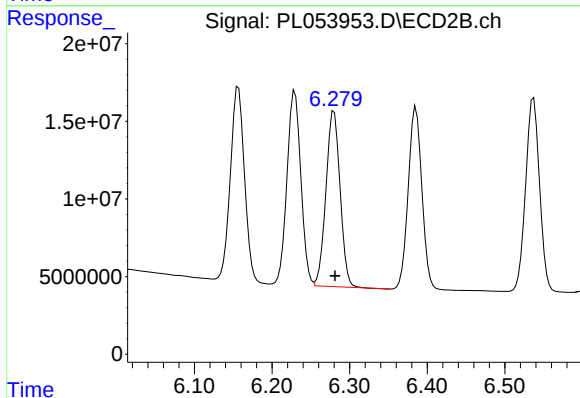
R.T.: 5.923 min
Delta R.T.: -0.001 min
Response: 214578990
Conc: 73.58 ng/ml



#9 Endosulfan I

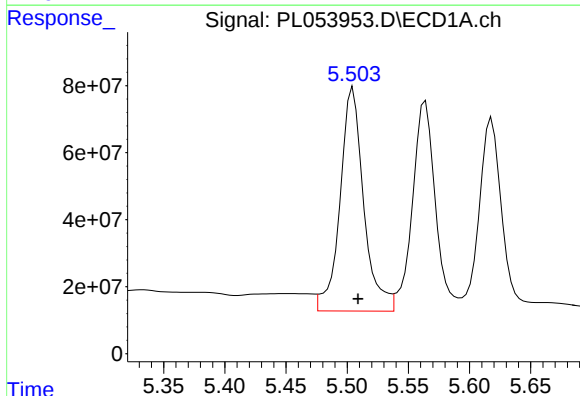
R.T.: 5.618 min
Delta R.T.: -0.004 min
Response: 759545419
Conc: 61.79 ng/ml

Instrument :
ECD_L
ClientSampleId :



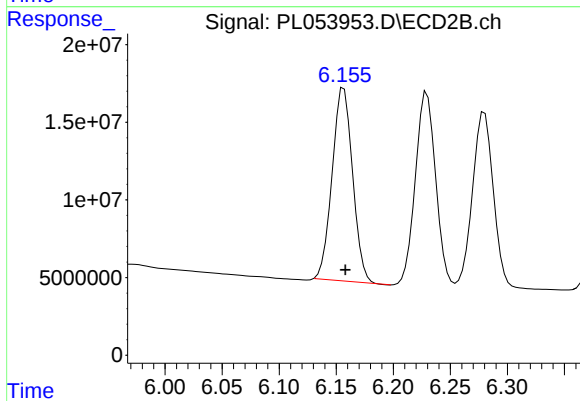
#9 Endosulfan I

R.T.: 6.280 min
Delta R.T.: -0.001 min
Response: 143585660
Conc: 52.96 ng/ml



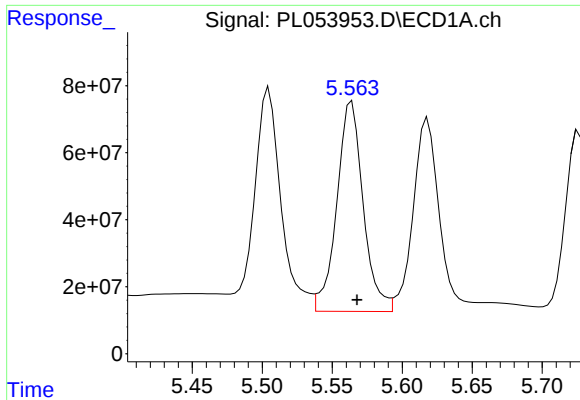
#10 gamma-Chlordane

R.T.: 5.505 min
Delta R.T.: -0.004 min
Response: 899751257
Conc: 65.95 ng/ml



#10 gamma-Chlordane

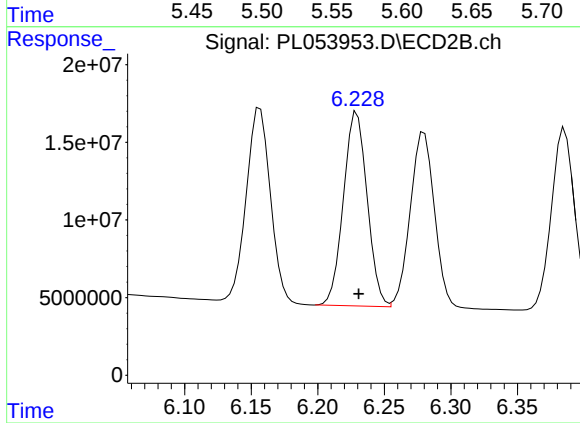
R.T.: 6.157 min
Delta R.T.: -0.001 min
Response: 155437210
Conc: 53.27 ng/ml



#11 alpha-Chlordane

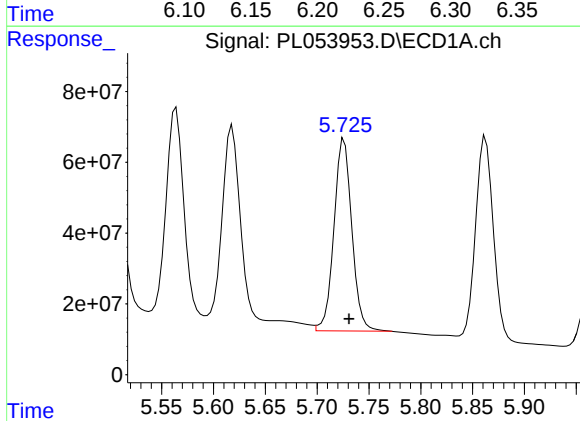
R.T.: 5.564 min
Delta R.T.: -0.004 min
Response: 823917422
Conc: 61.93 ng/ml

Instrument :
ECD_L
ClientSampleId :



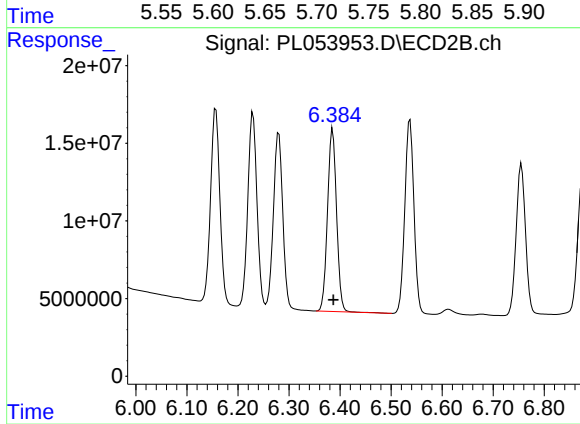
#11 alpha-Chlordane

R.T.: 6.229 min
Delta R.T.: -0.001 min
Response: 155188599
Conc: 53.16 ng/ml



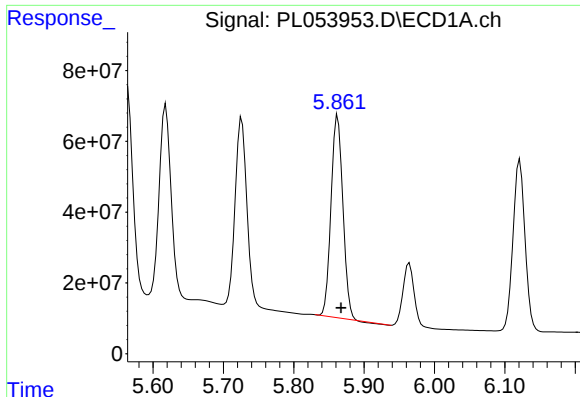
#12 4,4'-DDE

R.T.: 5.726 min
Delta R.T.: -0.005 min
Response: 651094750
Conc: 54.80 ng/ml



#12 4,4'-DDE

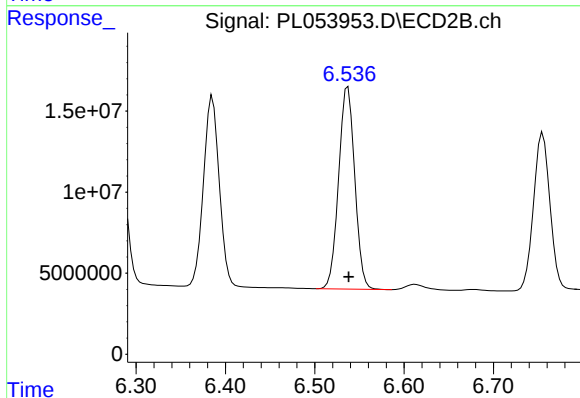
R.T.: 6.385 min
Delta R.T.: -0.001 min
Response: 144106413
Conc: 51.17 ng/ml



#13 Dieldrin

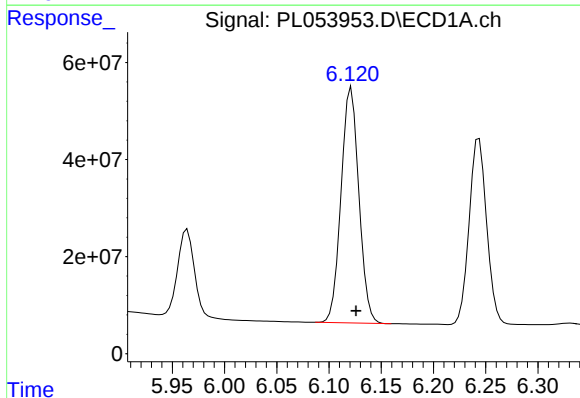
R.T.: 5.862 min
Delta R.T.: -0.005 min
Response: 667943813
Conc: 51.25 ng/ml

Instrument :
ECD_L
ClientSampleId :



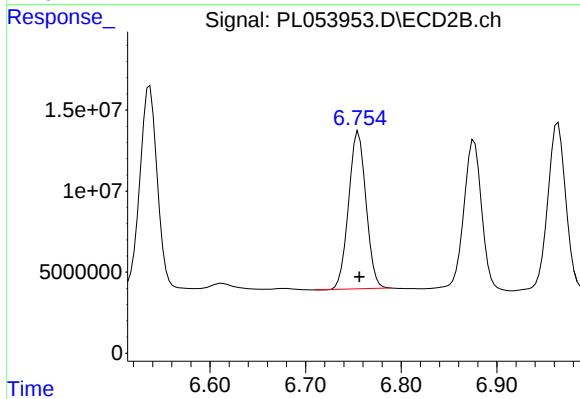
#13 Dieldrin

R.T.: 6.537 min
Delta R.T.: -0.001 min
Response: 156333747
Conc: 54.78 ng/ml



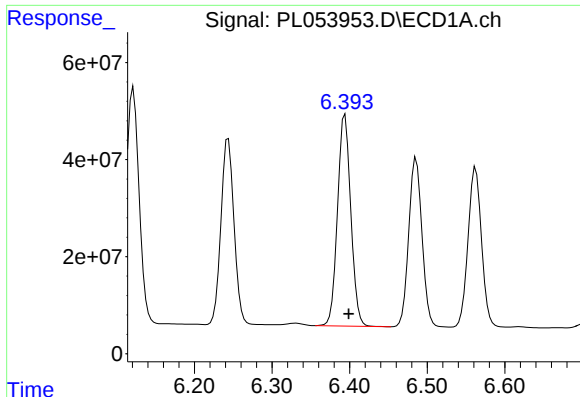
#14 Endrin

R.T.: 6.121 min
Delta R.T.: -0.005 min
Response: 575191463
Conc: 49.62 ng/ml



#14 Endrin

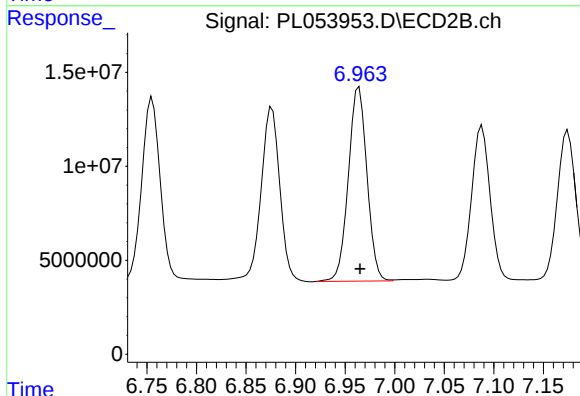
R.T.: 6.755 min
Delta R.T.: 0.000 min
Response: 123230477
Conc: 50.77 ng/ml



#15 Endosulfan II

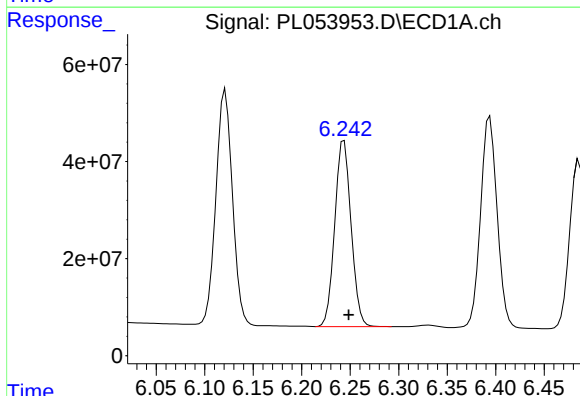
R.T.: 6.394 min
Delta R.T.: -0.005 min
Response: 519426913
Conc: 46.46 ng/ml

Instrument :
ECD_L
ClientSampleId :



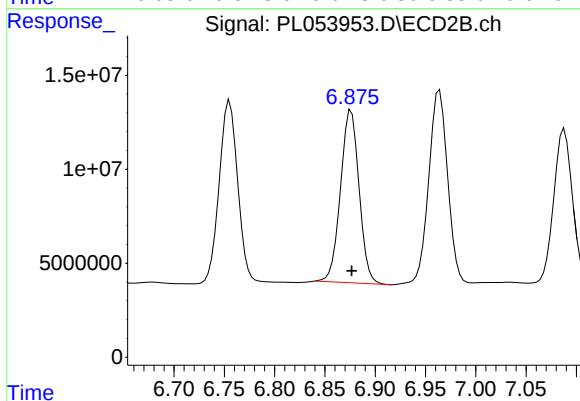
#15 Endosulfan II

R.T.: 6.964 min
Delta R.T.: 0.000 min
Response: 135181707
Conc: 52.92 ng/ml



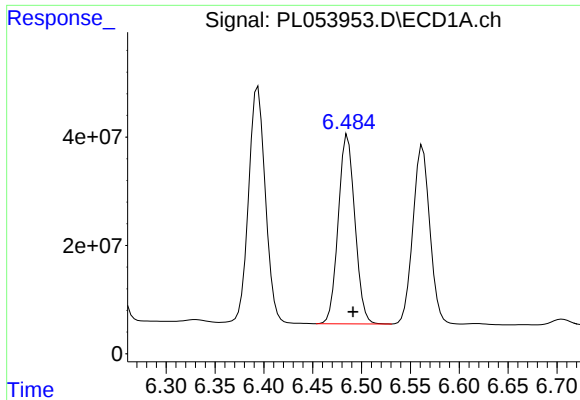
#16 4,4'-DDD

R.T.: 6.244 min
Delta R.T.: -0.005 min
Response: 444008101
Conc: 49.89 ng/ml



#16 4,4'-DDD

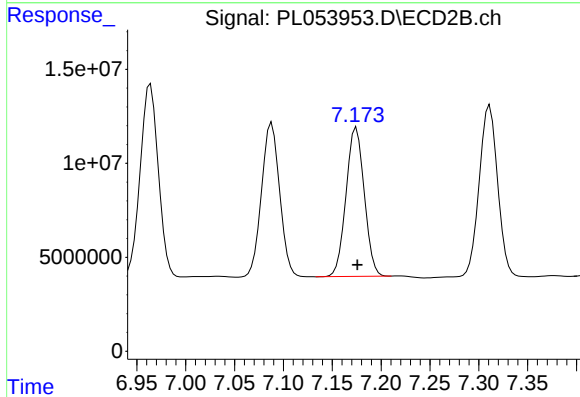
R.T.: 6.876 min
Delta R.T.: 0.000 min
Response: 117844766
Conc: 56.55 ng/ml



#17 4,4'-DDT

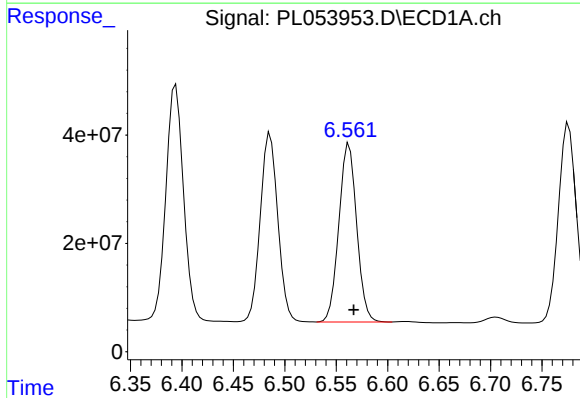
R.T.: 6.486 min
Delta R.T.: -0.005 min
Response: 413946926
Conc: 41.79 ng/ml

Instrument :
ECD_L
ClientSampleId :



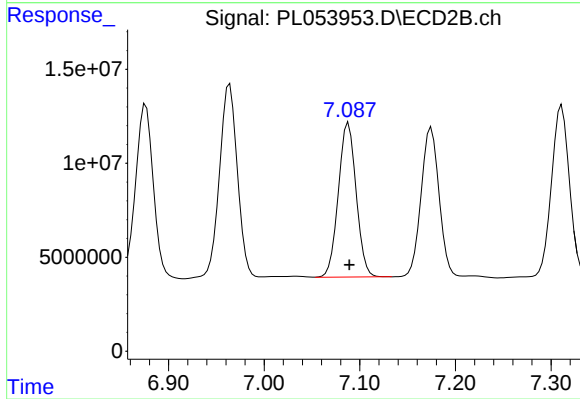
#17 4,4'-DDT

R.T.: 7.175 min
Delta R.T.: 0.000 min
Response: 102988052
Conc: 44.54 ng/ml



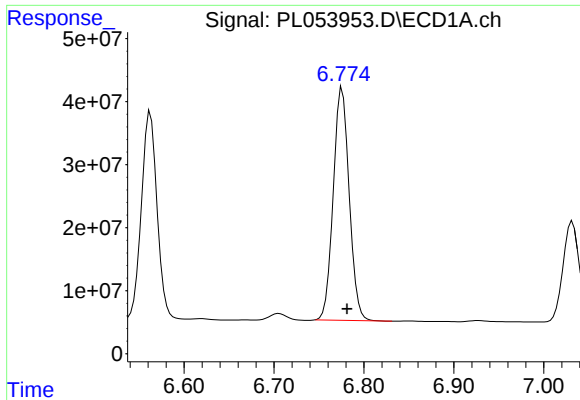
#18 Endrin aldehyde

R.T.: 6.563 min
Delta R.T.: -0.004 min
Response: 396916348
Conc: 43.29 ng/ml



#18 Endrin aldehyde

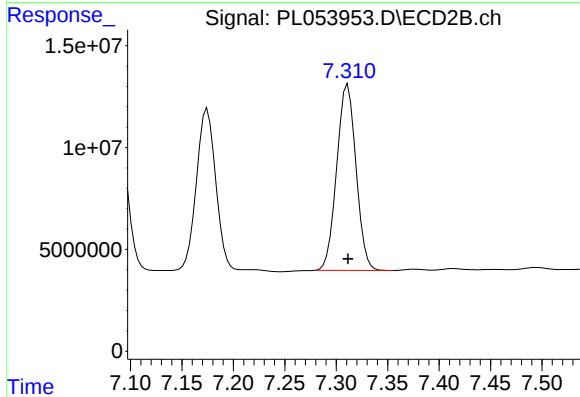
R.T.: 7.088 min
Delta R.T.: 0.000 min
Response: 106531246
Conc: 48.49 ng/ml



#19 Endosulfan Sulfate

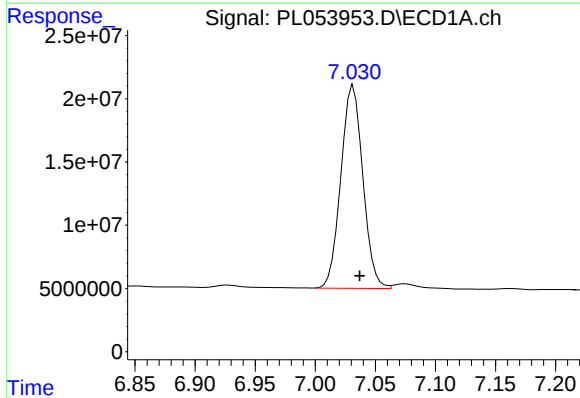
R.T.: 6.776 min
Delta R.T.: -0.006 min
Response: 455029625
Conc: 44.74 ng/ml

Instrument :
ECD_L
ClientSampleId :



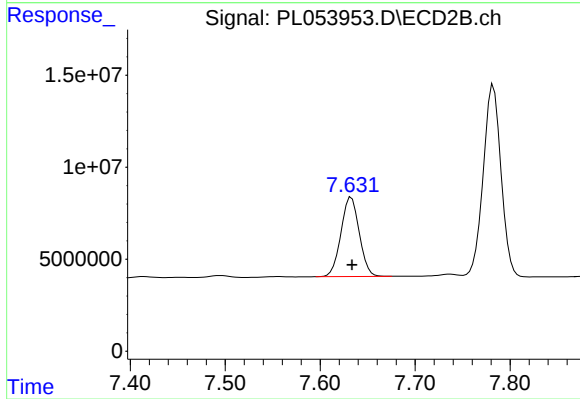
#19 Endosulfan Sulfate

R.T.: 7.311 min
Delta R.T.: 0.000 min
Response: 119222630
Conc: 48.59 ng/ml



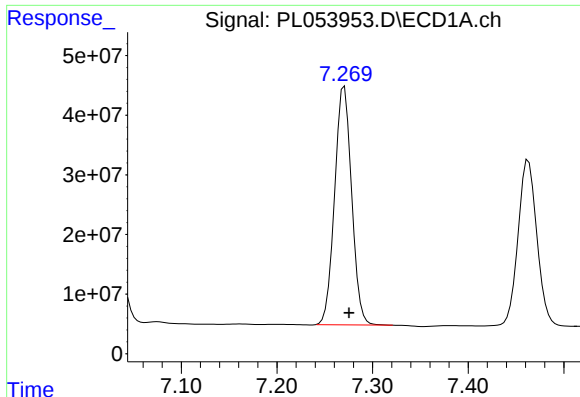
#20 Methoxychlor

R.T.: 7.032 min
Delta R.T.: -0.005 min
Response: 204787136
Conc: 41.54 ng/ml



#20 Methoxychlor

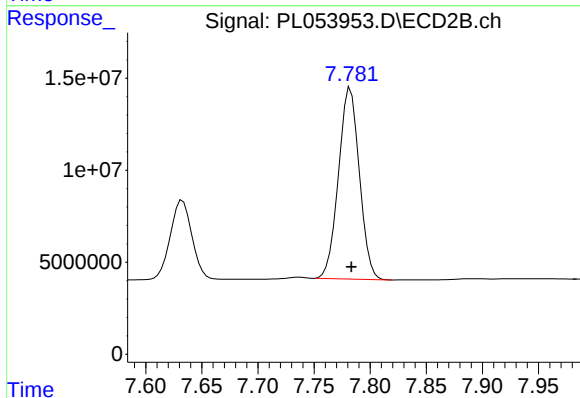
R.T.: 7.633 min
Delta R.T.: 0.000 min
Response: 57943887
Conc: 44.61 ng/ml



#21 Endrin ketone

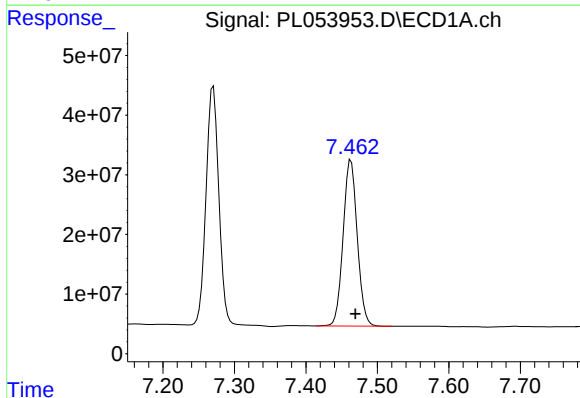
R.T.: 7.271 min
Delta R.T.: -0.005 min
Response: 494075640
Conc: 45.90 ng/ml

Instrument :
ECD_L
ClientSampleId :



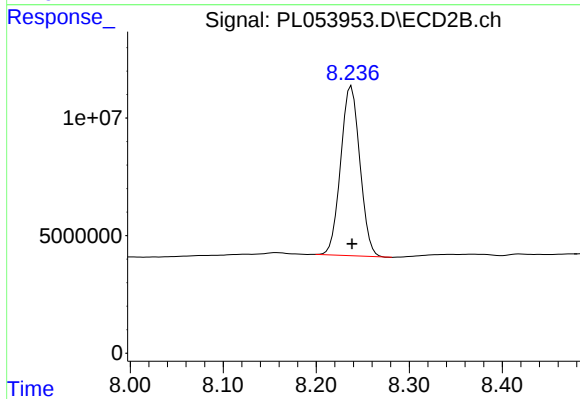
#21 Endrin ketone

R.T.: 7.782 min
Delta R.T.: 0.000 min
Response: 134515321
Conc: 52.17 ng/ml



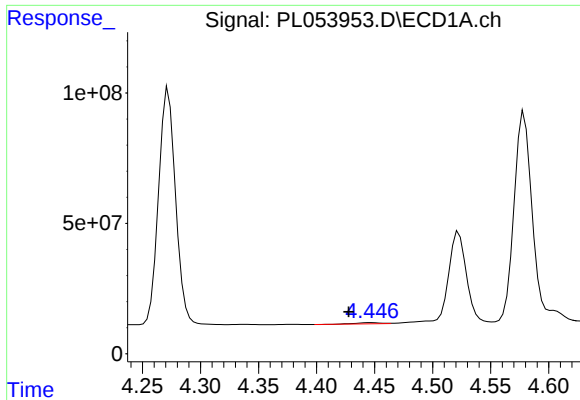
#22 Mirex

R.T.: 7.463 min
Delta R.T.: -0.006 min
Response: 382644622
Conc: 44.74 ng/ml



#22 Mirex

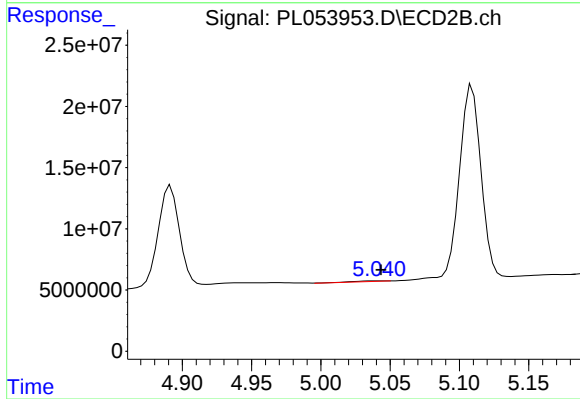
R.T.: 8.238 min
Delta R.T.: 0.000 min
Response: 103461931
Conc: 51.14 ng/ml



#23 Chlordane-1

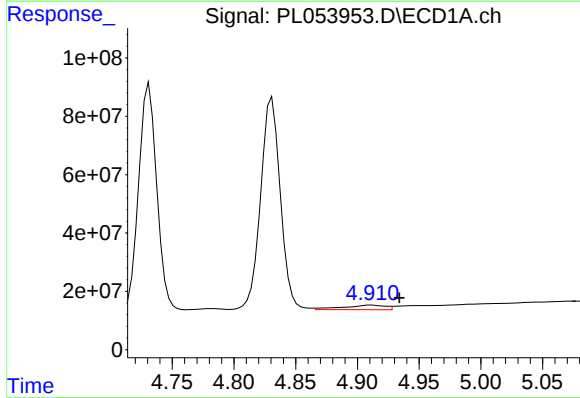
R.T.: 4.447 min
Delta R.T.: 0.019 min
Response: 6575146
Conc: 18.54 ng/ml

Instrument :
ECD_L
ClientSampleId :



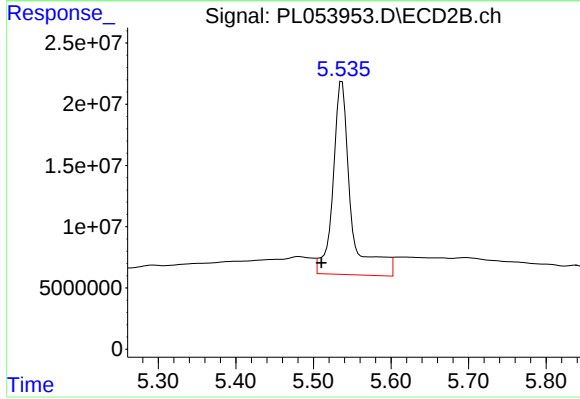
#23 Chlordane-1

R.T.: 5.042 min
Delta R.T.: -0.002 min
Response: 732850
Conc: 8.74 ng/ml



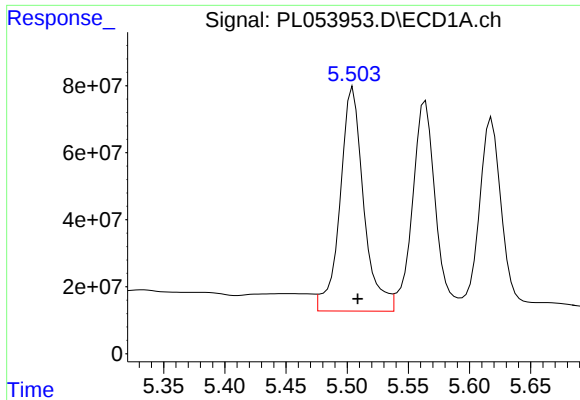
#24 Chlordane-2

R.T.: 4.911 min
Delta R.T.: -0.023 min
Response: 37683944
Conc: 97.80 ng/ml



#24 Chlordane-2

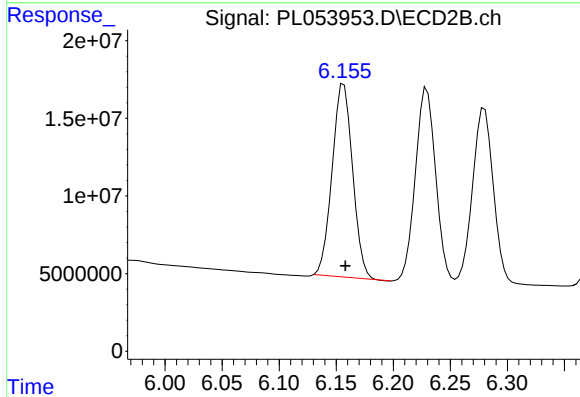
R.T.: 5.537 min
Delta R.T.: 0.026 min
Response: 253480395
Conc: 2580.70 ng/ml



#25 Chlordane-3

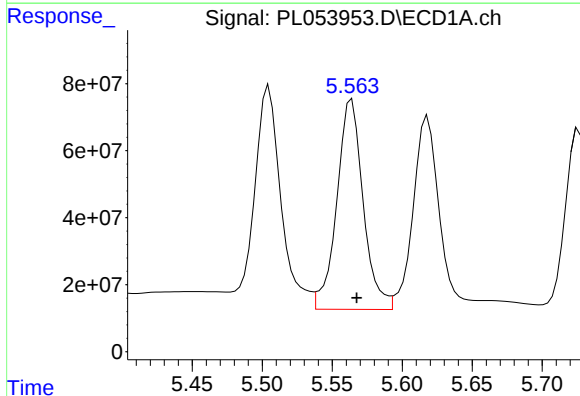
R.T.: 5.505 min
Delta R.T.: -0.004 min
Response: 899751257
Conc: 780.57 ng/ml

Instrument :
ECD_L
ClientSampleId :



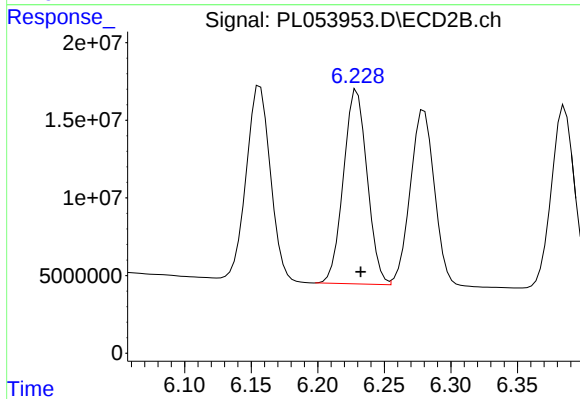
#25 Chlordane-3

R.T.: 6.157 min
Delta R.T.: -0.001 min
Response: 155437210
Conc: 425.59 ng/ml



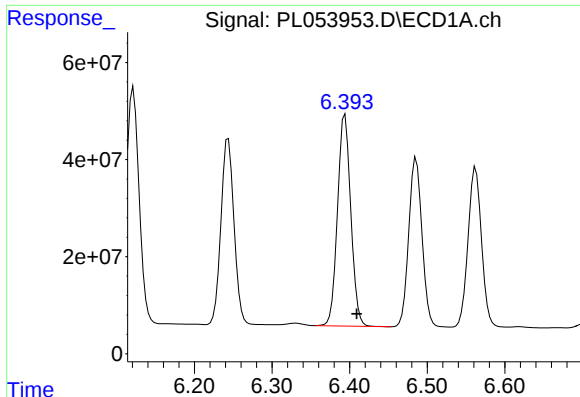
#26 Chlordane-4

R.T.: 5.564 min
Delta R.T.: -0.004 min
Response: 823917422
Conc: 878.89 ng/ml



#26 Chlordane-4

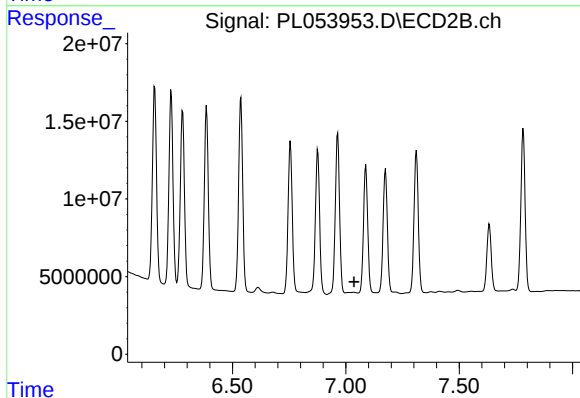
R.T.: 6.229 min
Delta R.T.: -0.003 min
Response: 155188599
Conc: 345.68 ng/ml



#27 Chlordane-5

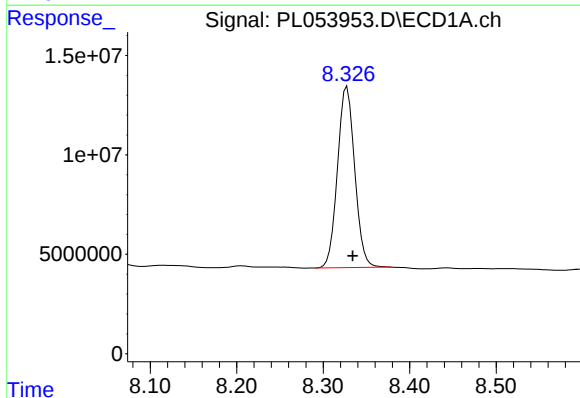
R.T.: 6.394 min
Delta R.T.: -0.015 min
Response: 519426913
Conc: 1420.97 ng/ml

Instrument :
ECD_L
ClientSampleId :



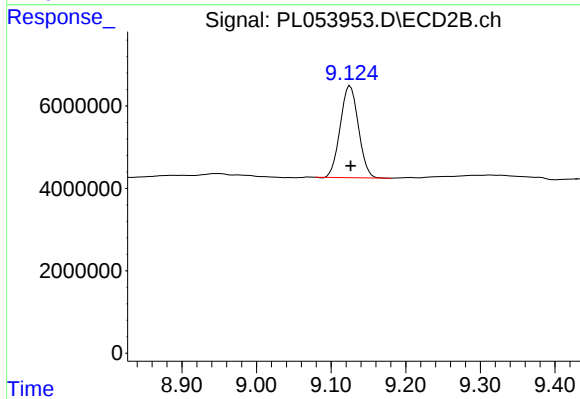
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 7.037 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.328 min
Delta R.T.: -0.006 min
Response: 125315062
Conc: 12.77 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.126 min
Delta R.T.: 0.000 min
Response: 37630576
Conc: 13.36 ng/ml