

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111519\
 Data File : PL054304.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Nov 2019 18:46
 Operator : SG\AJ
 Sample : K5833-02MSD
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 8-(12-13)MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 16 00:28:47 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...	3.540	4.043	206.0E6	51765585	19.008	20.687
28)	SA Decachlor...	8.322	9.121	170.7E6	48767288	17.403	17.318
Target Compounds							
2)	A alpha-BHC	3.983	4.435	1016.6E6	209.3E6	58.304	60.536
3)	MA gamma-BHC...	4.270	4.720	908.6E6	191.6E6	58.341	59.502
4)	MA Heptachlor	4.576	5.229	889.7E6	171.6E6	56.372	53.261
5)	MB Aldrin	4.827	5.535	832.3E6	166.6E6	58.218	55.889
6)	B beta-BHC	4.520	4.890	368.4E6	84709086	55.898	54.841
7)	B delta-BHC	4.729	5.108	707.8E6	147.6E6	46.502	48.874
8)	B Heptachlor...	5.272	5.921	771.0E6	152.2E6	57.114	52.183
9)	A Endosulfan I	5.614	6.278	655.7E6	144.6E6	53.341	53.337
10)	B gamma-Chl...	5.501	6.155	773.8E6	155.4E6	56.717	53.269
11)	B alpha-Chl...	5.560	6.228	788.6E6	154.5E6	59.275	52.920
12)	B 4,4'-DDE	5.722	6.384	710.6E6	149.7E6	59.807	53.152
13)	MA Dieldrin	5.859	6.535	729.5E6	149.3E6	55.974	52.302
14)	MA Endrin	6.117	6.753	602.3E6	120.1E6	51.964	49.482
15)	B Endosulfa...	6.390	6.962	550.7E6	127.4E6	49.256	49.870
16)	A 4,4'-DDD	6.240	6.874	495.3E6	115.5E6	55.652	55.418
17)	MA 4,4'-DDT	6.483	7.173	517.5E6	118.4E6	52.243	51.218
18)	B Endrin al...	6.559	7.086	425.0E6	100.8E6	46.354	45.902
19)	B Endosulfa...	6.772	7.309	462.3E6	110.6E6	45.452	45.088
20)	A Methoxychlor	7.027	7.631	232.9E6	60372148	47.238	46.479
21)	B Endrin ke...	7.266	7.780	561.1E6	131.9E6	52.124	51.168
22)	Mirex	7.459	8.235	462.5E6	111.8E6	54.078	55.275
23)	Chlordane-1	4.443f	0.000	6712950	0	18.927	N.D. #
24)	Chlordane-2	0.000	5.535f	0	166.6E6	N.D.	1696.536 #
25)	Chlordane-3	5.501	6.155	773.8E6	155.4E6	671.324	425.560 #
26)	Chlordane-4	5.560	6.228	788.6E6	154.5E6	841.174	344.112 #
27)	Chlordane-5	6.390f	0.000	550.7E6	0	1506.518	N.D. #

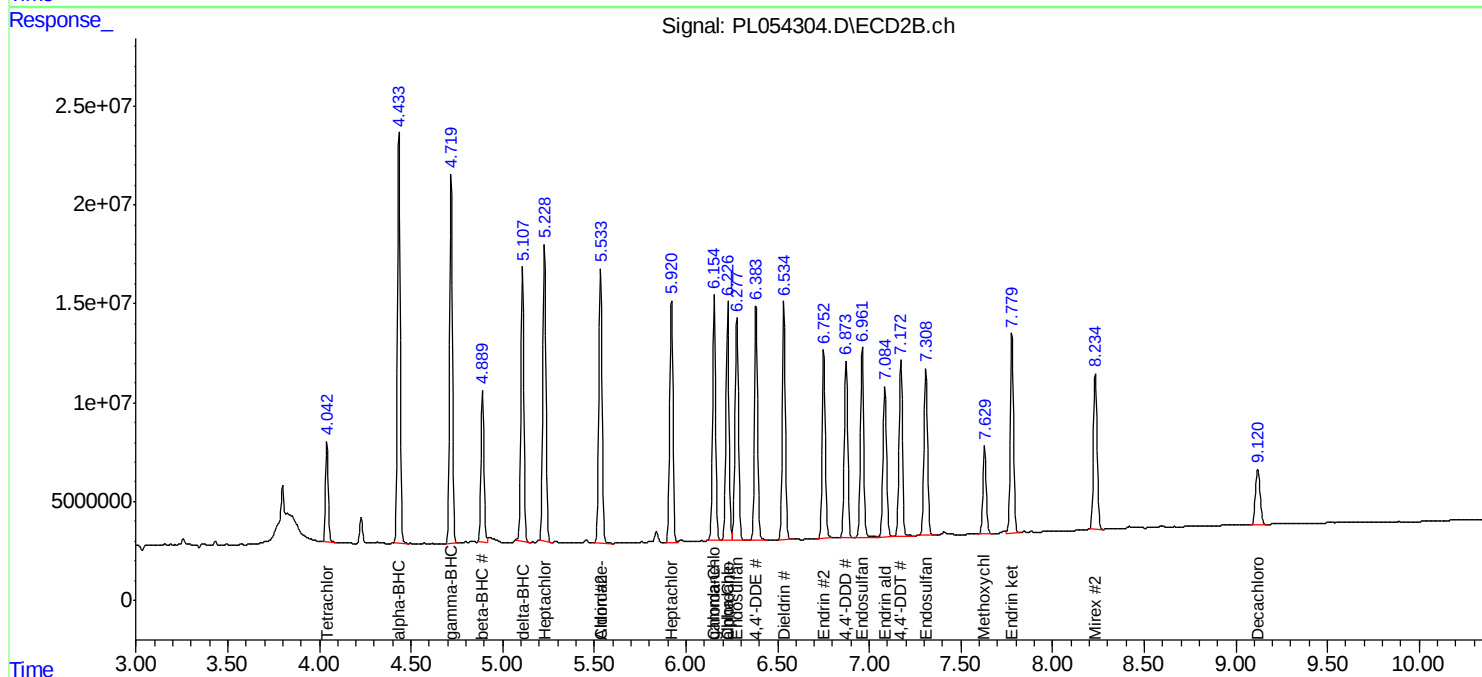
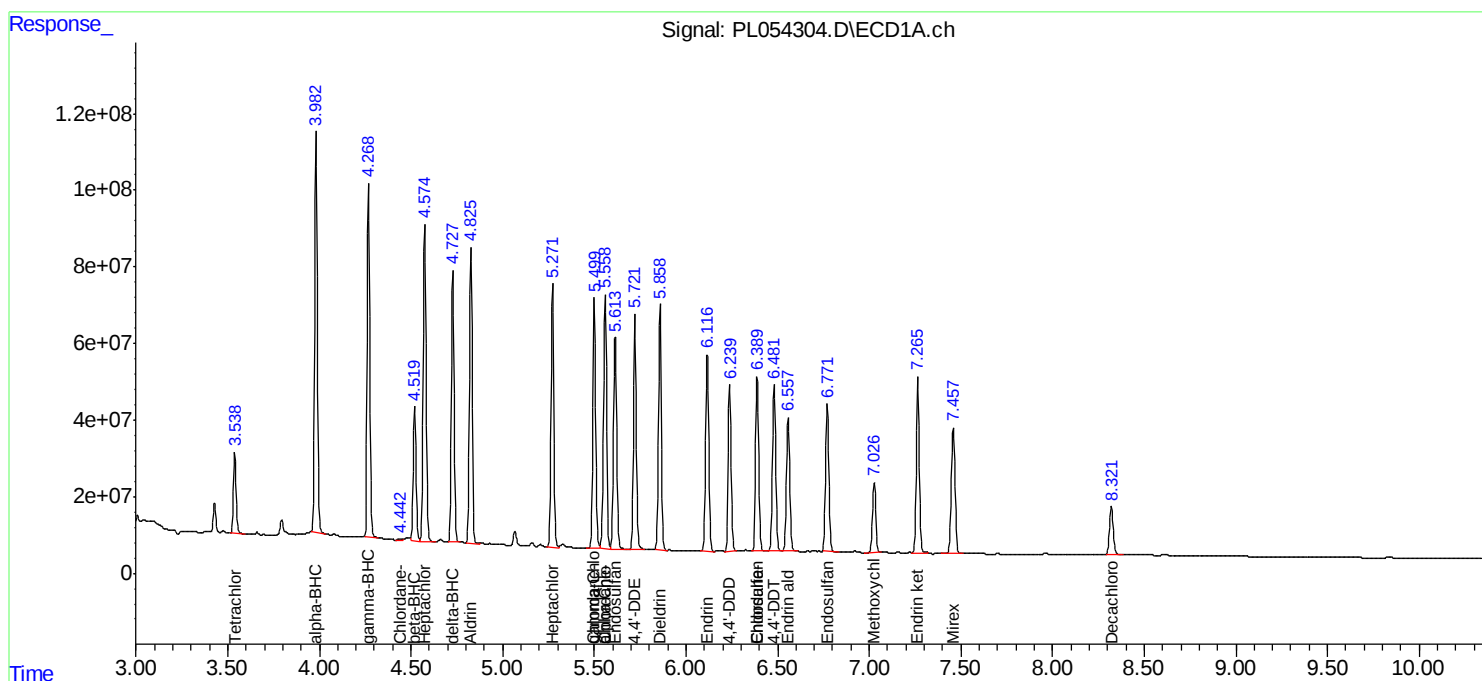
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

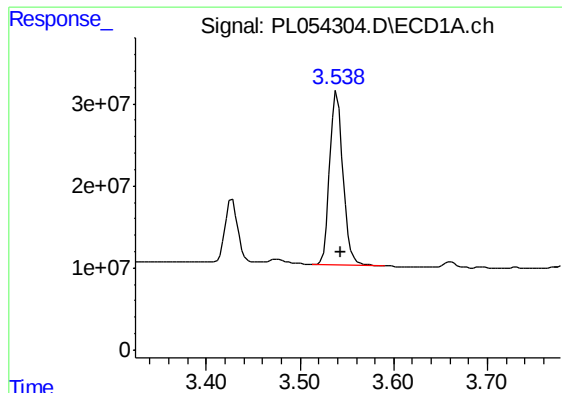
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111519\
Data File : PL054304.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Nov 2019 18:46
Operator : SG\AJ
Sample : K5833-02MSD
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument :
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ClientSampleId :
8-(12-13)MSD

Integration File signal 1: autoint1.e
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Quant Time: Nov 16 00:28:47 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL101919.M
Quant Title : GC Extractables
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Response via : Initial Calibration
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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

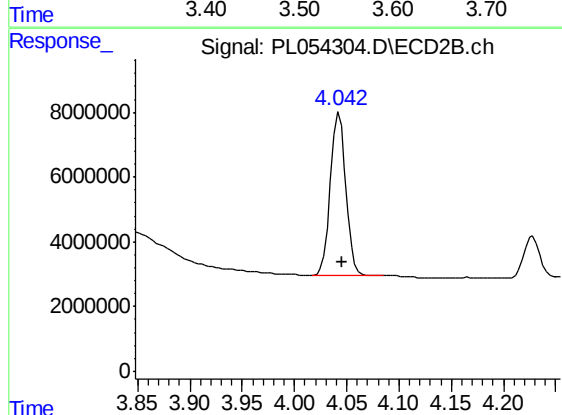




#1 Tetrachloro-m-xylene

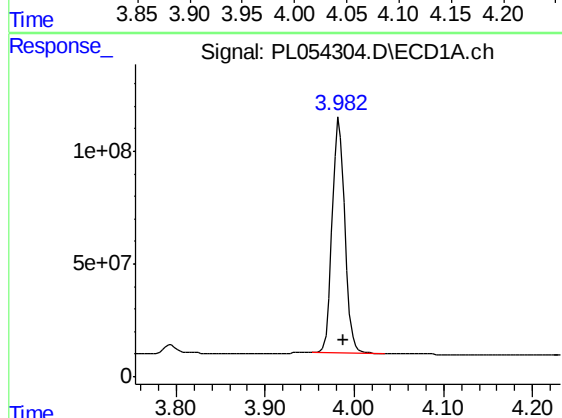
R.T.: 3.540 min
Delta R.T.: -0.004 min
Response: 206037912
Conc: 19.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
8-(12-13)MSD



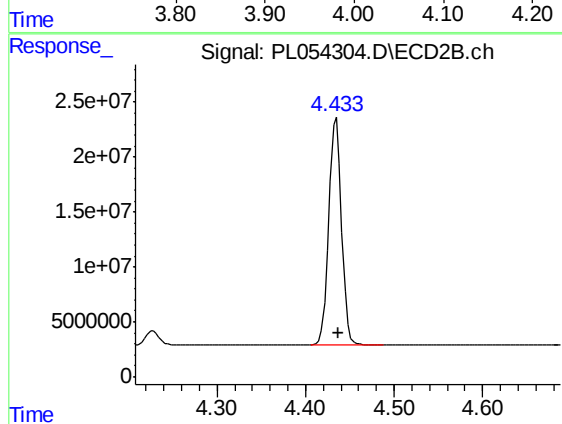
#1 Tetrachloro-m-xylene

R.T.: 4.043 min
Delta R.T.: -0.003 min
Response: 51765585
Conc: 20.69 ng/ml



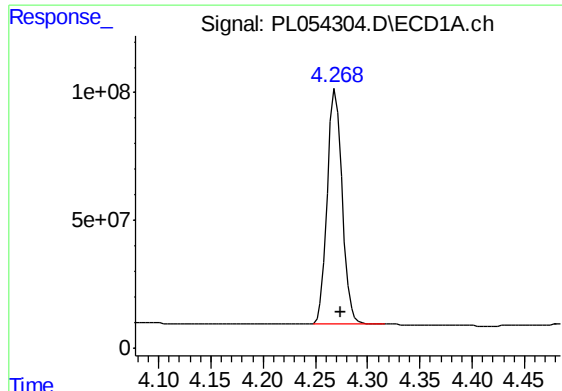
#2 alpha-BHC

R.T.: 3.983 min
Delta R.T.: -0.005 min
Response: 1016618258
Conc: 58.30 ng/ml



#2 alpha-BHC

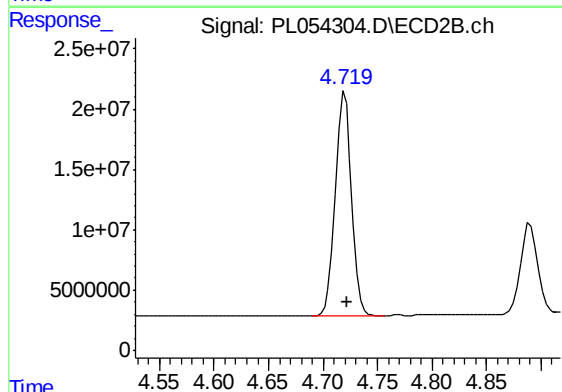
R.T.: 4.435 min
Delta R.T.: -0.002 min
Response: 209279071
Conc: 60.54 ng/ml



#3 gamma-BHC (Lindane)

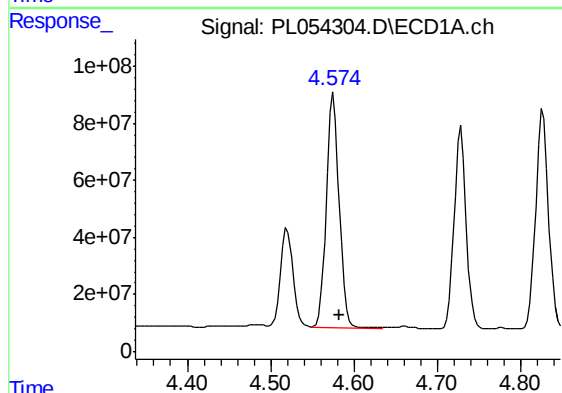
R.T.: 4.270 min
Delta R.T.: -0.005 min
Response: 908588206
Conc: 58.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
8-(12-13)MSD



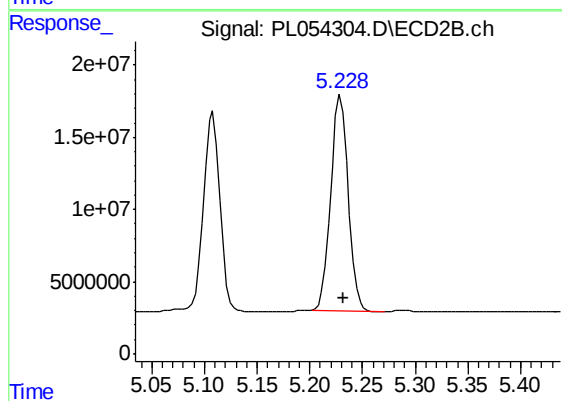
#3 gamma-BHC (Lindane)

R.T.: 4.720 min
Delta R.T.: -0.002 min
Response: 191619178
Conc: 59.50 ng/ml



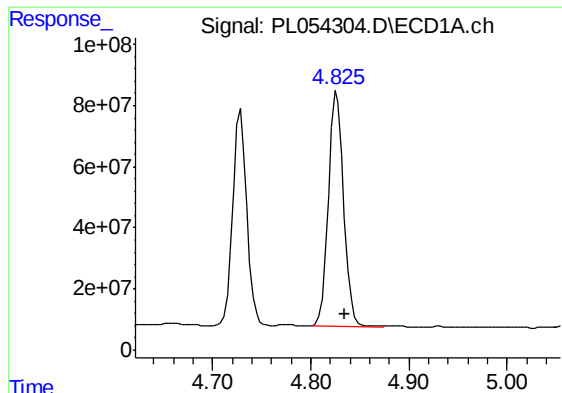
#4 Heptachlor

R.T.: 4.576 min
Delta R.T.: -0.007 min
Response: 889712300
Conc: 56.37 ng/ml



#4 Heptachlor

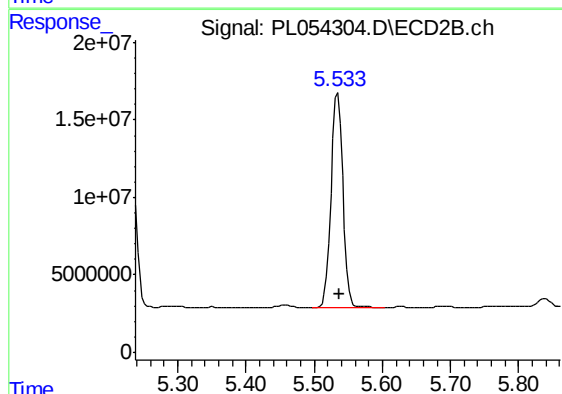
R.T.: 5.229 min
Delta R.T.: -0.003 min
Response: 171616818
Conc: 53.26 ng/ml



#5 Aldrin

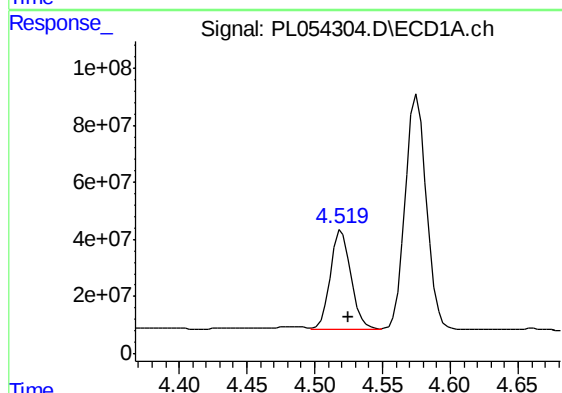
R.T.: 4.827 min
Delta R.T.: -0.007 min
Response: 832262657
Conc: 58.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
8-(12-13)MSD



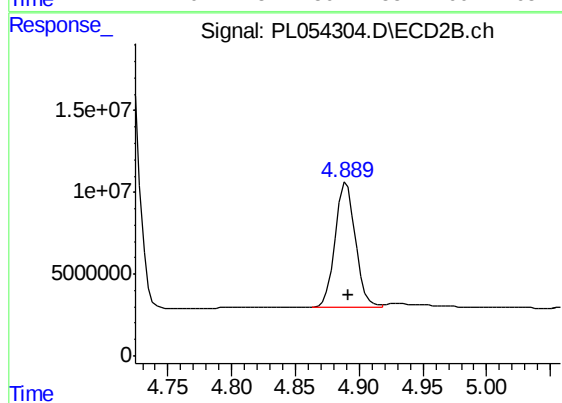
#5 Aldrin

R.T.: 5.535 min
Delta R.T.: -0.003 min
Response: 166636277
Conc: 55.89 ng/ml



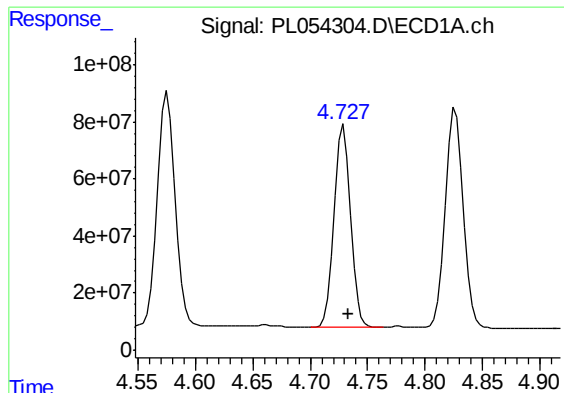
#6 beta-BHC

R.T.: 4.520 min
Delta R.T.: -0.004 min
Response: 368362718
Conc: 55.90 ng/ml



#6 beta-BHC

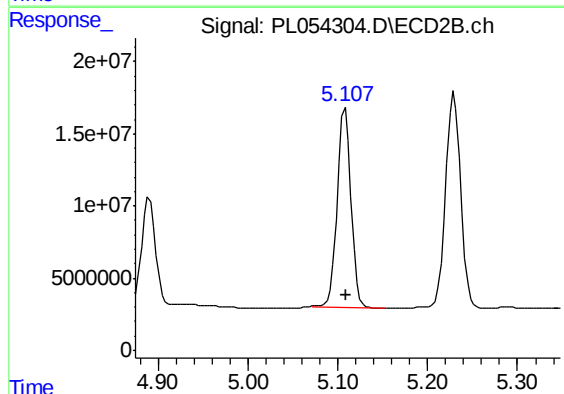
R.T.: 4.890 min
Delta R.T.: -0.001 min
Response: 84709086
Conc: 54.84 ng/ml



#7 delta-BHC

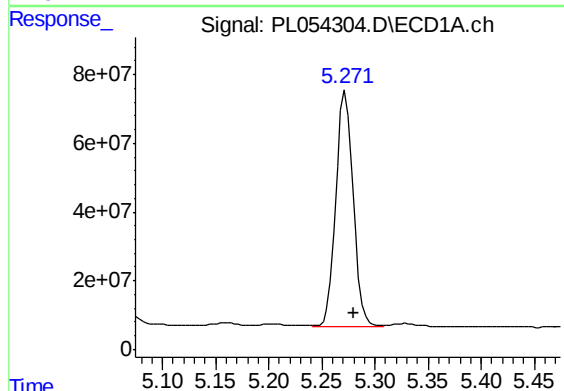
R.T.: 4.729 min
Delta R.T.: -0.005 min
Response: 707805902
Conc: 46.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
8-(12-13)MSD



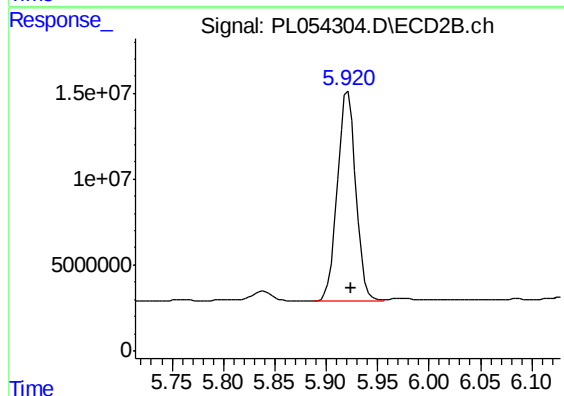
#7 delta-BHC

R.T.: 5.108 min
Delta R.T.: 0.000 min
Response: 147627072
Conc: 48.87 ng/ml



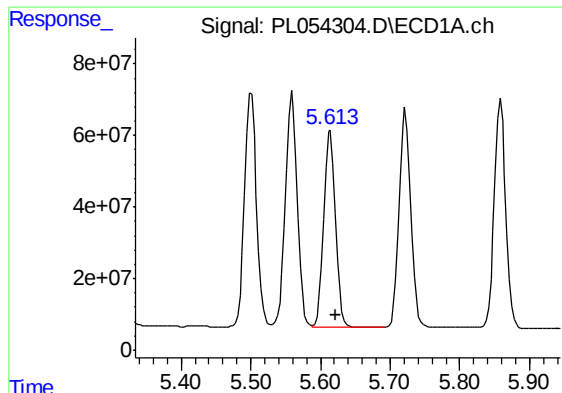
#8 Heptachlor epoxide

R.T.: 5.272 min
Delta R.T.: -0.008 min
Response: 770995762
Conc: 57.11 ng/ml



#8 Heptachlor epoxide

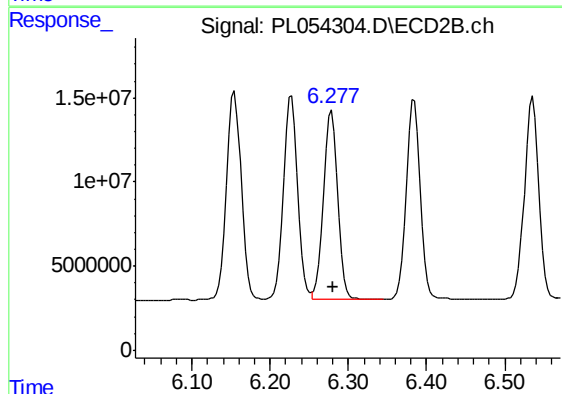
R.T.: 5.921 min
Delta R.T.: -0.003 min
Response: 152187036
Conc: 52.18 ng/ml



#9 Endosulfan I

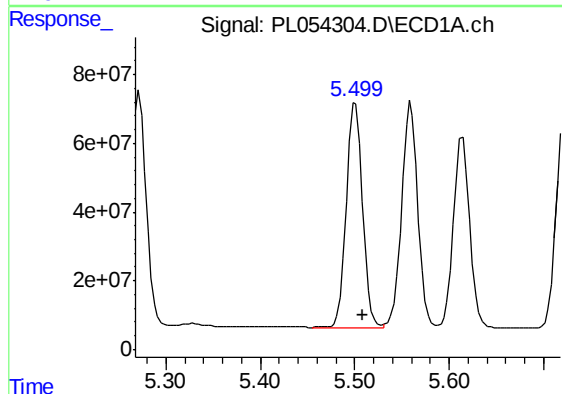
R.T.: 5.614 min
Delta R.T.: -0.008 min
Response: 655677602
Conc: 53.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
8-(12-13)MSD



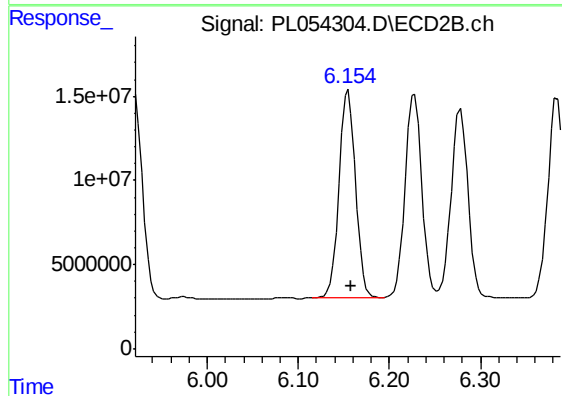
#9 Endosulfan I

R.T.: 6.278 min
Delta R.T.: -0.003 min
Response: 144609308
Conc: 53.34 ng/ml



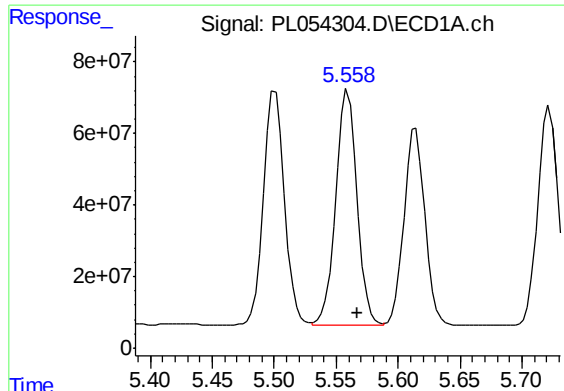
#10 gamma-Chlordane

R.T.: 5.501 min
Delta R.T.: -0.008 min
Response: 773825862
Conc: 56.72 ng/ml



#10 gamma-Chlordane

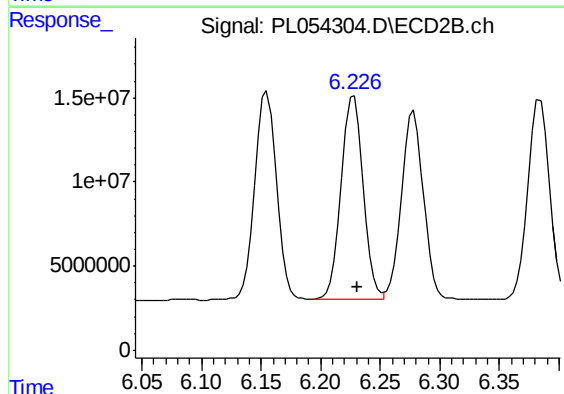
R.T.: 6.155 min
Delta R.T.: -0.003 min
Response: 155427529
Conc: 53.27 ng/ml



#11 alpha-Chlordane

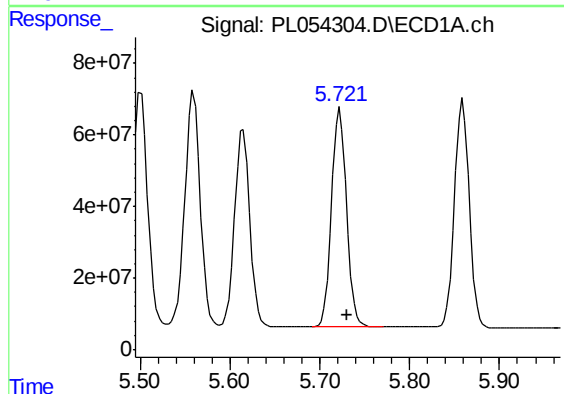
R.T.: 5.560 min
Delta R.T.: -0.008 min
Response: 788560606
Conc: 59.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
8-(12-13)MSD



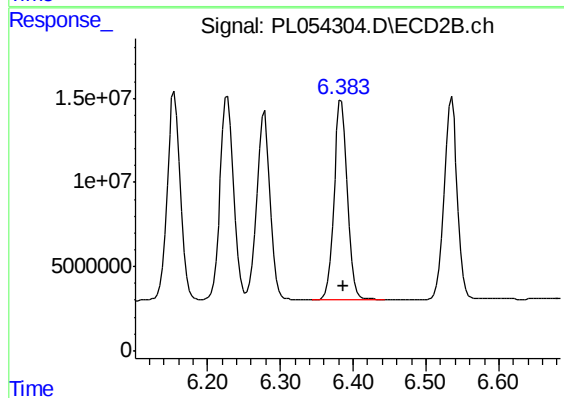
#11 alpha-Chlordane

R.T.: 6.228 min
Delta R.T.: -0.003 min
Response: 154484806
Conc: 52.92 ng/ml



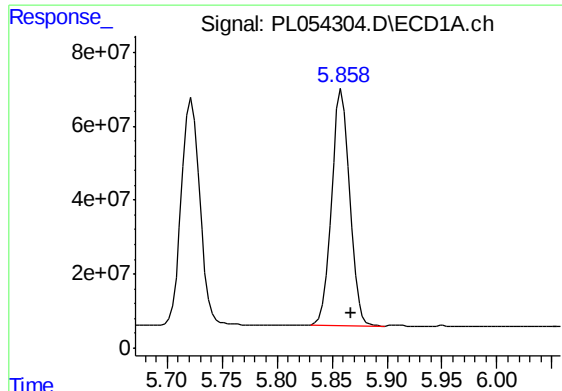
#12 4,4'-DDE

R.T.: 5.722 min
Delta R.T.: -0.008 min
Response: 710646711
Conc: 59.81 ng/ml



#12 4,4'-DDE

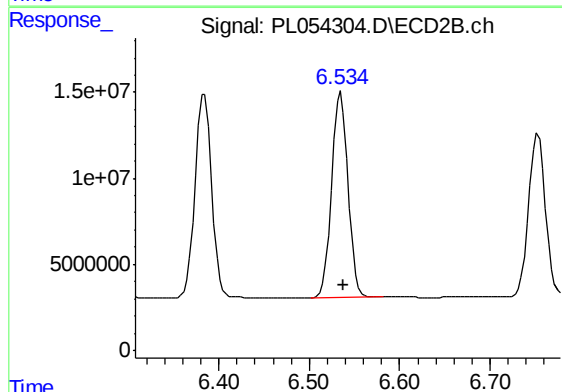
R.T.: 6.384 min
Delta R.T.: -0.003 min
Response: 149695527
Conc: 53.15 ng/ml



#13 Dielddrin

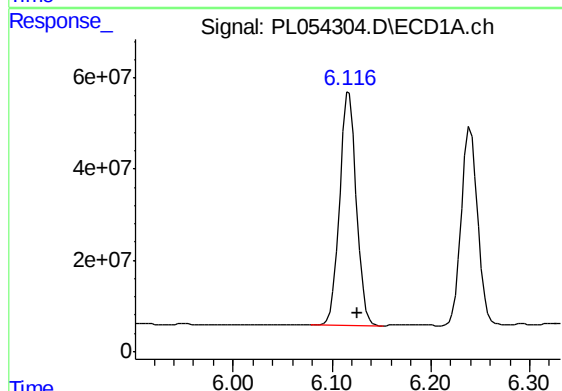
R.T.: 5.859 min
Delta R.T.: -0.008 min
Response: 729542422
Conc: 55.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
8-(12-13)MSD



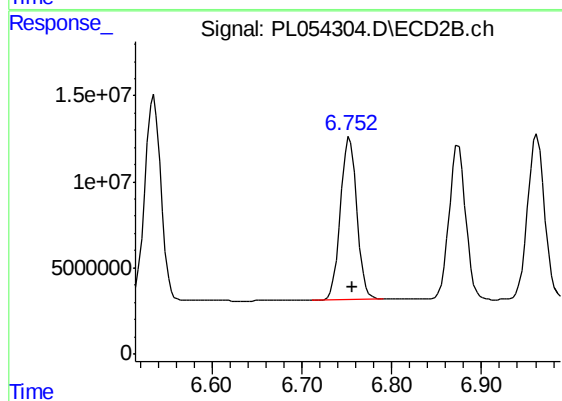
#13 Dielddrin

R.T.: 6.535 min
Delta R.T.: -0.003 min
Response: 149250089
Conc: 52.30 ng/ml



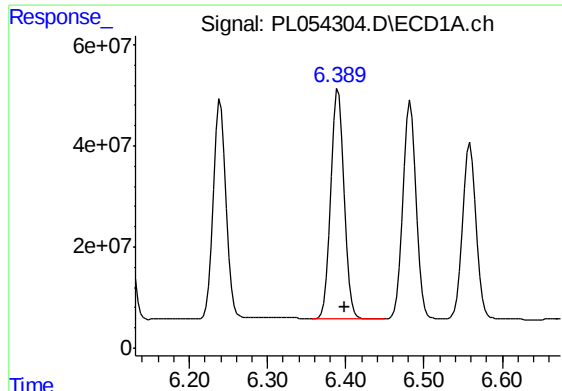
#14 Endrin

R.T.: 6.117 min
Delta R.T.: -0.009 min
Response: 602321054
Conc: 51.96 ng/ml



#14 Endrin

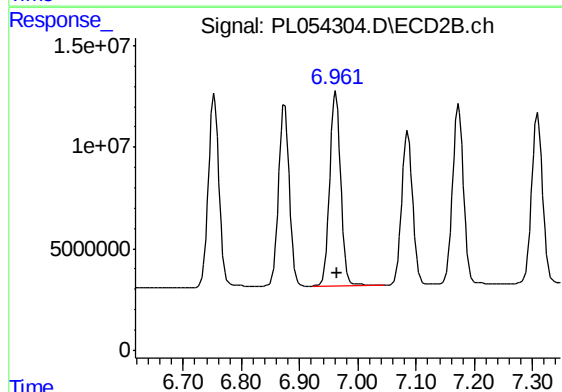
R.T.: 6.753 min
Delta R.T.: -0.003 min
Response: 120102021
Conc: 49.48 ng/ml



#15 Endosulfan II

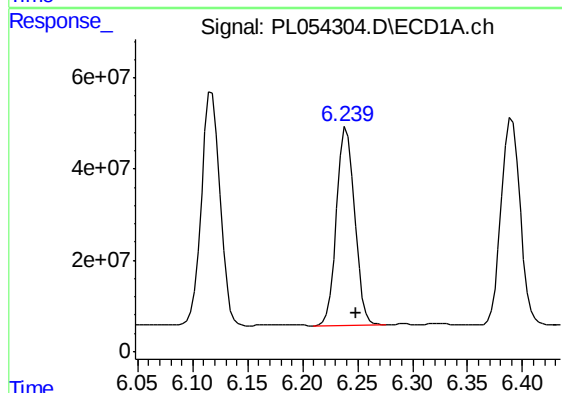
R.T.: 6.390 min
Delta R.T.: -0.009 min
Response: 550698907
Conc: 49.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
8-(12-13)MSD



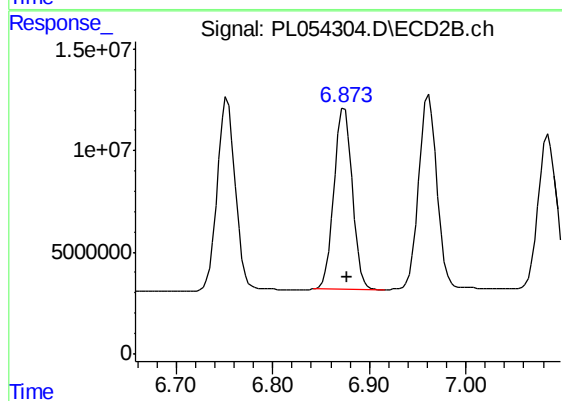
#15 Endosulfan II

R.T.: 6.962 min
Delta R.T.: -0.003 min
Response: 127393608
Conc: 49.87 ng/ml



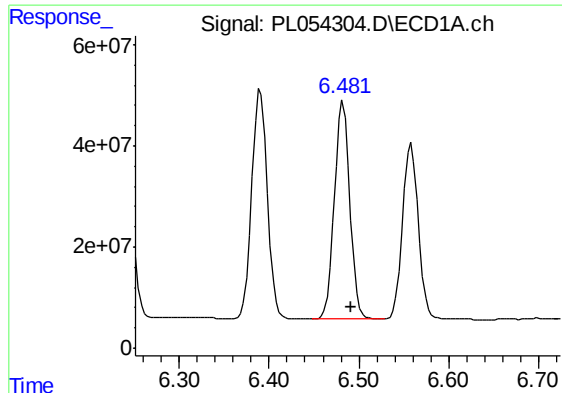
#16 4,4'-DDD

R.T.: 6.240 min
Delta R.T.: -0.008 min
Response: 495297655
Conc: 55.65 ng/ml



#16 4,4'-DDD

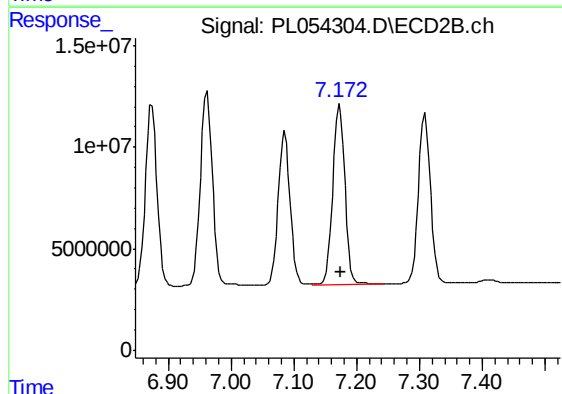
R.T.: 6.874 min
Delta R.T.: -0.003 min
Response: 115489041
Conc: 55.42 ng/ml



#17 4,4'-DDT

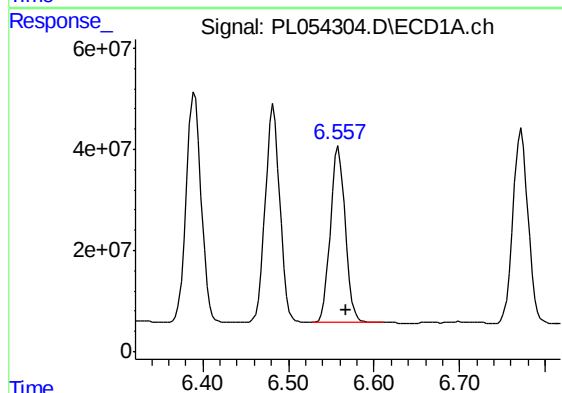
R.T.: 6.483 min
Delta R.T.: -0.009 min
Response: 517538833
Conc: 52.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
8-(12-13)MSD



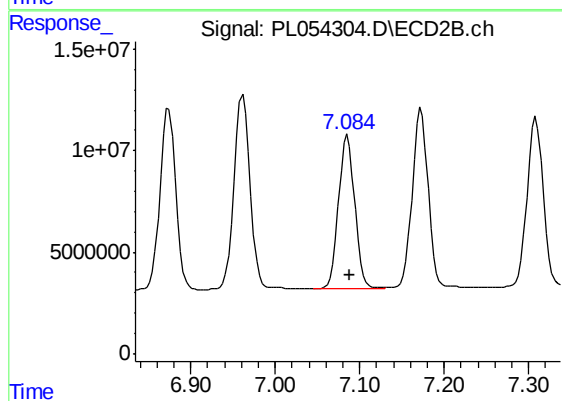
#17 4,4'-DDT

R.T.: 7.173 min
Delta R.T.: -0.003 min
Response: 118442690
Conc: 51.22 ng/ml



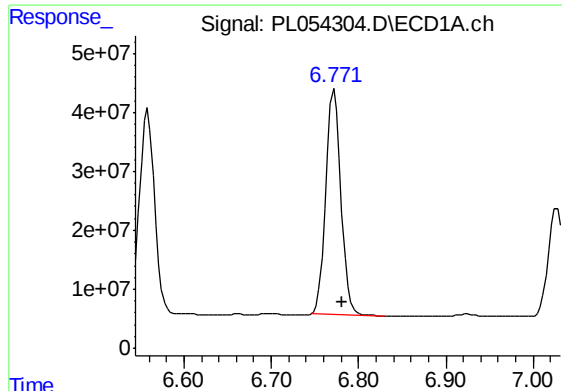
#18 Endrin aldehyde

R.T.: 6.559 min
Delta R.T.: -0.008 min
Response: 425032514
Conc: 46.35 ng/ml



#18 Endrin aldehyde

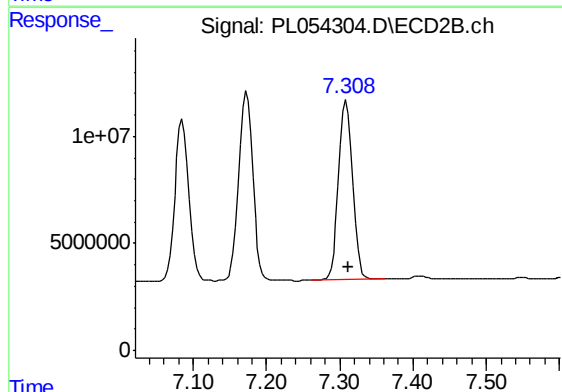
R.T.: 7.086 min
Delta R.T.: -0.003 min
Response: 100835857
Conc: 45.90 ng/ml



#19 Endosulfan Sulfate

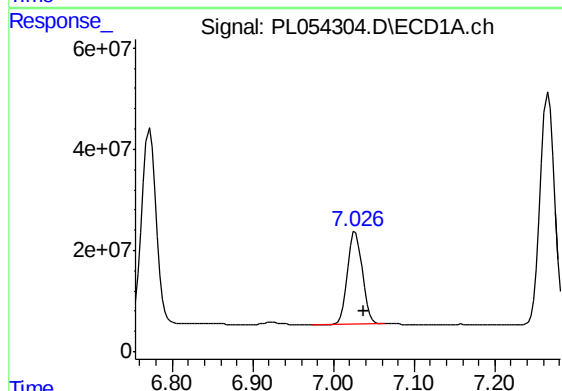
R.T.: 6.772 min
Delta R.T.: -0.009 min
Response: 462321727
Conc: 45.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
8-(12-13)MSD



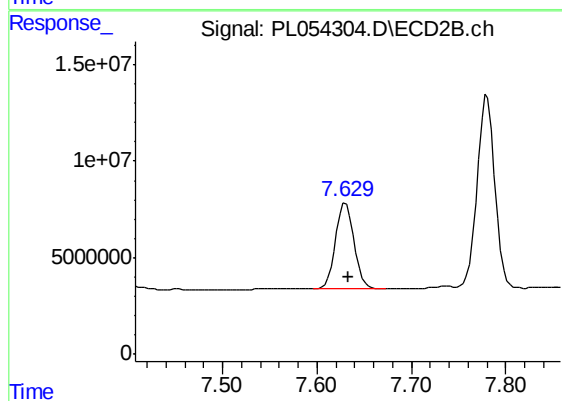
#19 Endosulfan Sulfate

R.T.: 7.309 min
Delta R.T.: -0.003 min
Response: 110628780
Conc: 45.09 ng/ml



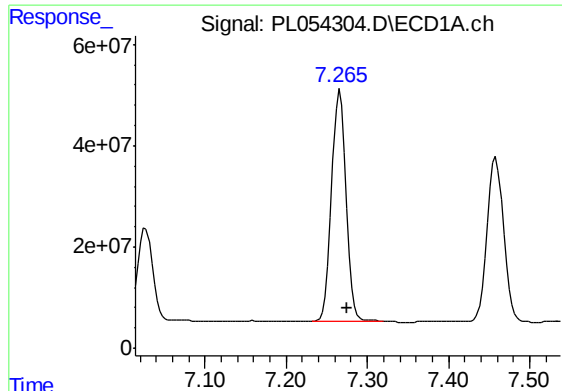
#20 Methoxychlor

R.T.: 7.027 min
Delta R.T.: -0.010 min
Response: 232898695
Conc: 47.24 ng/ml



#20 Methoxychlor

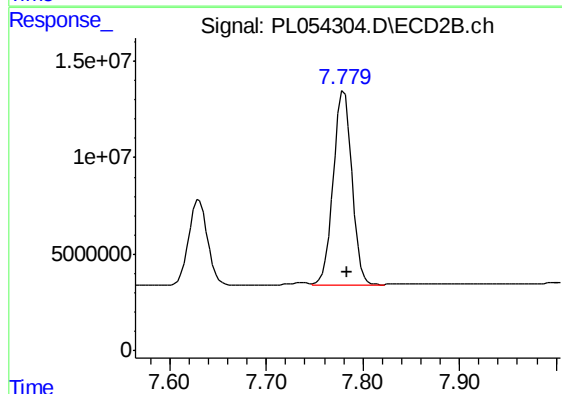
R.T.: 7.631 min
Delta R.T.: -0.003 min
Response: 60372148
Conc: 46.48 ng/ml



#21 Endrin ketone

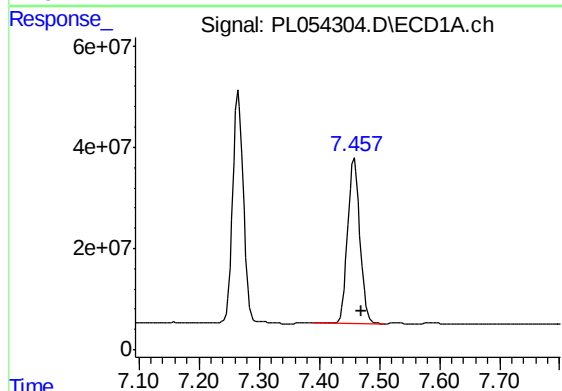
R.T.: 7.266 min
Delta R.T.: -0.009 min
Response: 561120064
Conc: 52.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
8-(12-13)MSD



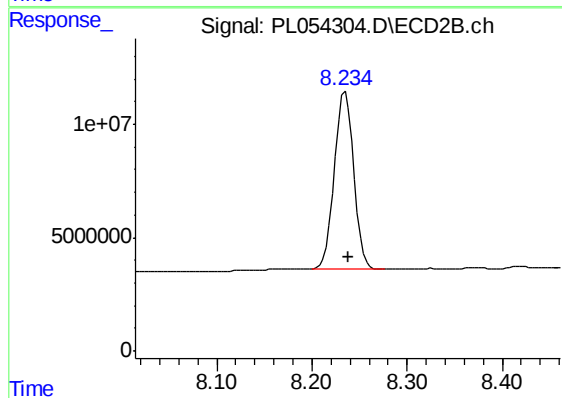
#21 Endrin ketone

R.T.: 7.780 min
Delta R.T.: -0.003 min
Response: 131934400
Conc: 51.17 ng/ml



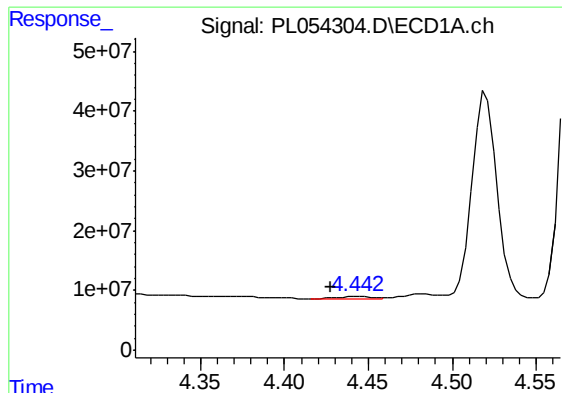
#22 Mirex

R.T.: 7.459 min
Delta R.T.: -0.011 min
Response: 462531889
Conc: 54.08 ng/ml



#22 Mirex

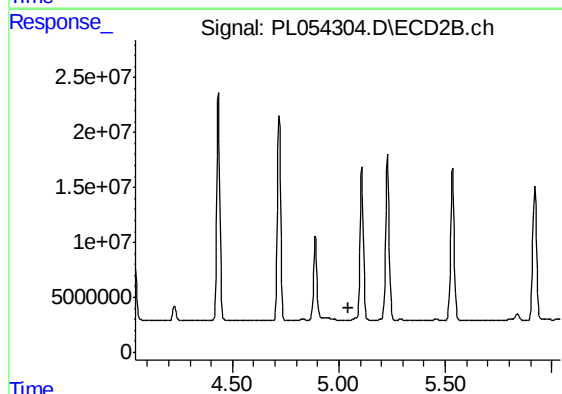
R.T.: 8.235 min
Delta R.T.: -0.004 min
Response: 111825176
Conc: 55.28 ng/ml



#23 Chlordane-1

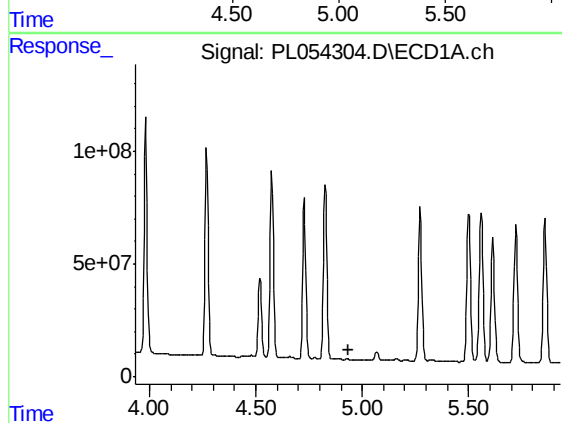
R.T.: 4.443 min
Delta R.T.: 0.016 min
Response: 6712950
Conc: 18.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
8-(12-13)MSD



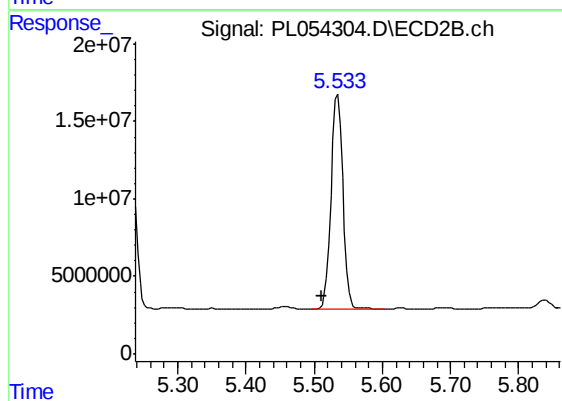
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 5.043 min
Response: 0
Conc: N.D.



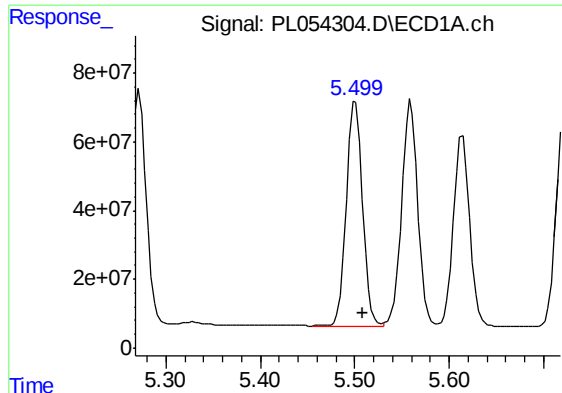
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 4.934 min
Response: 0
Conc: N.D.



#24 Chlordane-2

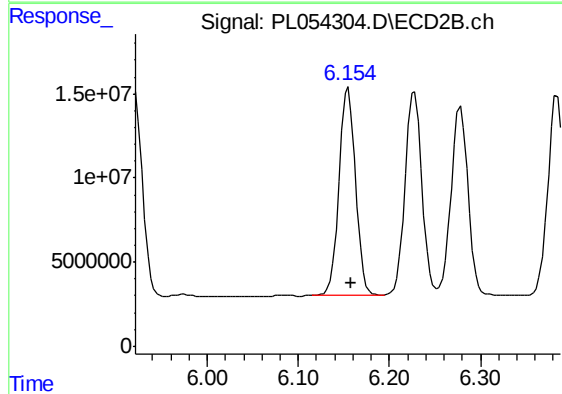
R.T.: 5.535 min
Delta R.T.: 0.024 min
Response: 166636277
Conc: 1696.54 ng/ml



#25 Chlordane-3

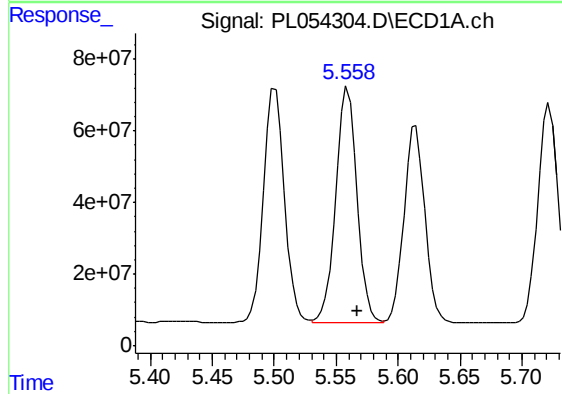
R.T.: 5.501 min
Delta R.T.: -0.008 min
Response: 773825862
Conc: 671.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
8-(12-13)MSD



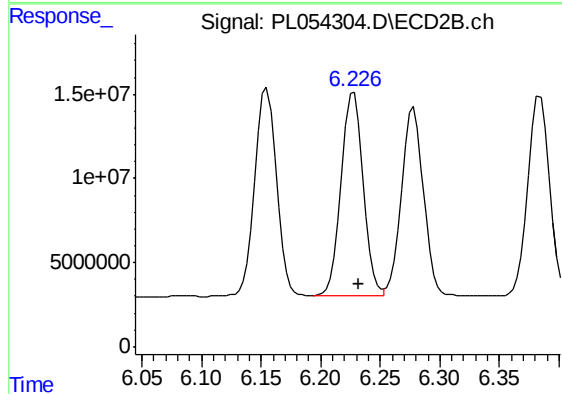
#25 Chlordane-3

R.T.: 6.155 min
Delta R.T.: -0.003 min
Response: 155427529
Conc: 425.56 ng/ml



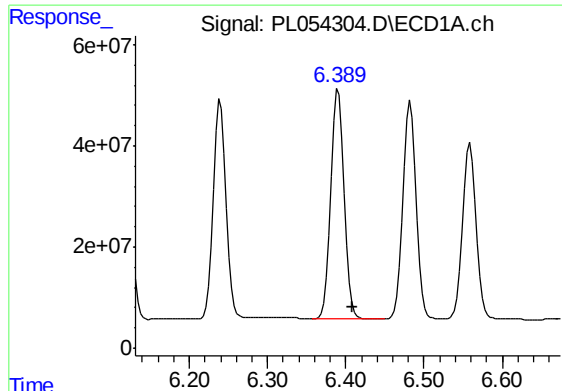
#26 Chlordane-4

R.T.: 5.560 min
Delta R.T.: -0.008 min
Response: 788560606
Conc: 841.17 ng/ml



#26 Chlordane-4

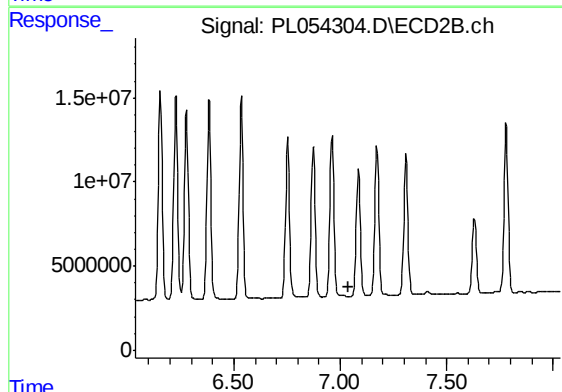
R.T.: 6.228 min
Delta R.T.: -0.004 min
Response: 154484806
Conc: 344.11 ng/ml



#27 Chlordane-5

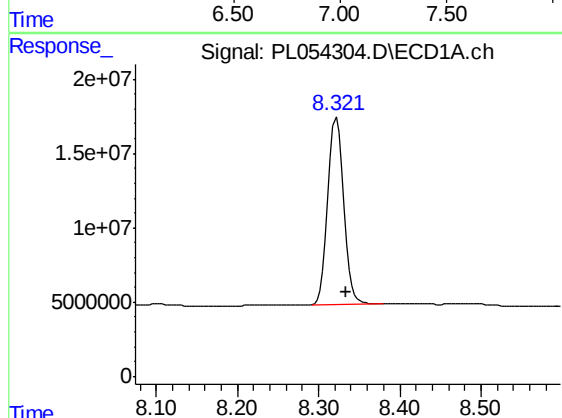
R.T.: 6.390 min
Delta R.T.: -0.019 min
Response: 550698907
Conc: 1506.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
8-(12-13)MSD



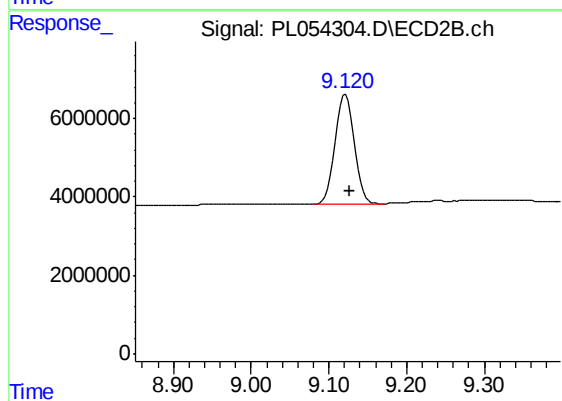
#27 Chlordane-5

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



#28 Decachlorobiphenyl

R.T.: 8.322 min
Delta R.T.: -0.012 min
Response: 170747931
Conc: 17.40 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.121 min
Delta R.T.: -0.005 min
Response: 48767288
Conc: 17.32 ng/ml