

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101619\
 Data File : PL053341.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Oct 2019 14:51
 Operator : SG\AJ
 Sample : K5357-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 16 00:43:19 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092919.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 30 08:44:08 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...	3.545	4.045	205.1E6	51207443	20.625	19.070
28)	SA Decachlor...	8.333	9.123	148.6E6	42465631	14.833	14.475
Target Compounds							
2)	A alpha-BHC	3.989	4.437	959.3E6	190.2E6	60.145	49.541
3)	MA gamma-BHC...	4.275	4.722	902.6E6	184.7E6	61.971	50.994
4)	MA Heptachlor	4.583	5.232	936.3E6	196.5E6	62.660	51.569
5)	MB Aldrin	4.835	5.538	880.5E6	184.4E6	64.010	53.210
6)	B beta-BHC	4.525	4.892	371.9E6	83902585	59.898	53.380
7)	B delta-BHC	4.734	5.109	529.8E6	104.5E6	36.974	28.861
8)	B Heptachlo...	5.281	5.924	792.9E6	171.5E6	60.844	51.181
9)	A Endosulfan I	5.623	6.280	723.9E6	168.2E6	59.653	53.804
10)	B gamma-Chl...	5.510	6.157	804.1E6	179.7E6	59.789	53.105
11)	B alpha-Chl...	5.568	6.231	775.7E6	177.6E6	58.811	52.774
12)	B 4,4'-DDE	5.731	6.386	742.5E6	177.0E6	63.972	54.190
13)	MA Dieldrin	5.868	6.538	775.0E6	177.5E6	60.041	54.414
14)	MA Endrin	6.126	6.755	659.3E6	147.7E6	57.885	53.182
15)	B Endosulfa...	6.399	6.964	625.9E6	158.1E6	54.622	53.284
16)	A 4,4'-DDD	6.249	6.876	529.2E6	142.3E6	58.877	58.002
17)	MA 4,4'-DDT	6.491	7.174	578.6E6	136.8E6	56.660	52.569
18)	B Endrin al...	6.567	7.087	499.5E6	128.1E6	53.190	52.234
19)	B Endosulfa...	6.781	7.310	487.9E6	136.5E6	46.875	50.004
20)	A Methoxychlor	7.037	7.632	258.5E6	83890651	50.109	59.585
21)	B Endrin ke...	7.275	7.782	617.0E6	172.8E6	52.938	60.575
22)	Mirex	7.469	8.237	531.7E6	160.2E6	56.301	71.241 #
24)	Chlordane-2	0.000	5.538f	0	184.4E6	N.D.	1647.629 #
25)	Chlordane-3	5.510	6.157	804.1E6	179.7E6	693.929	412.528 #
26)	Chlordane-4	5.568	6.231	775.7E6	177.6E6	812.729	334.528 #
27)	Chlordane-5	6.399f	7.013f	625.9E6	1503861	1586.937	17.049 #

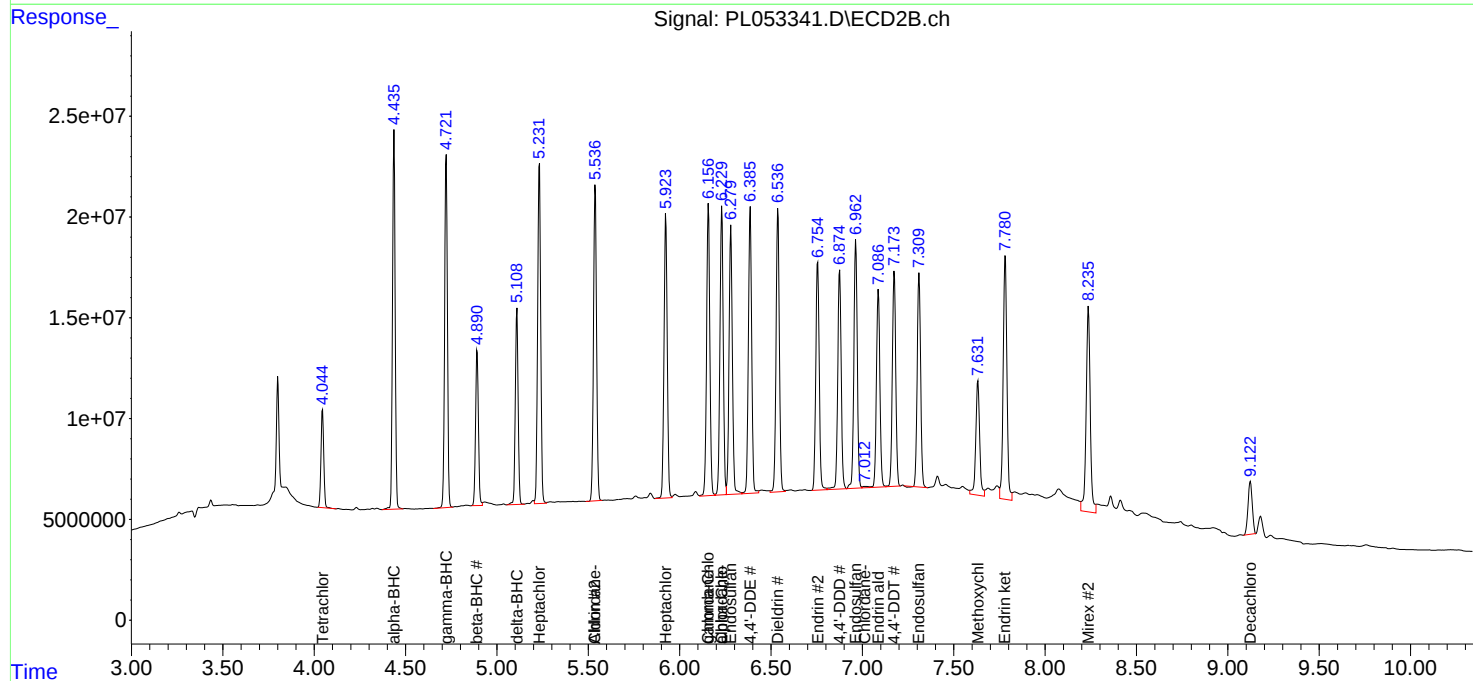
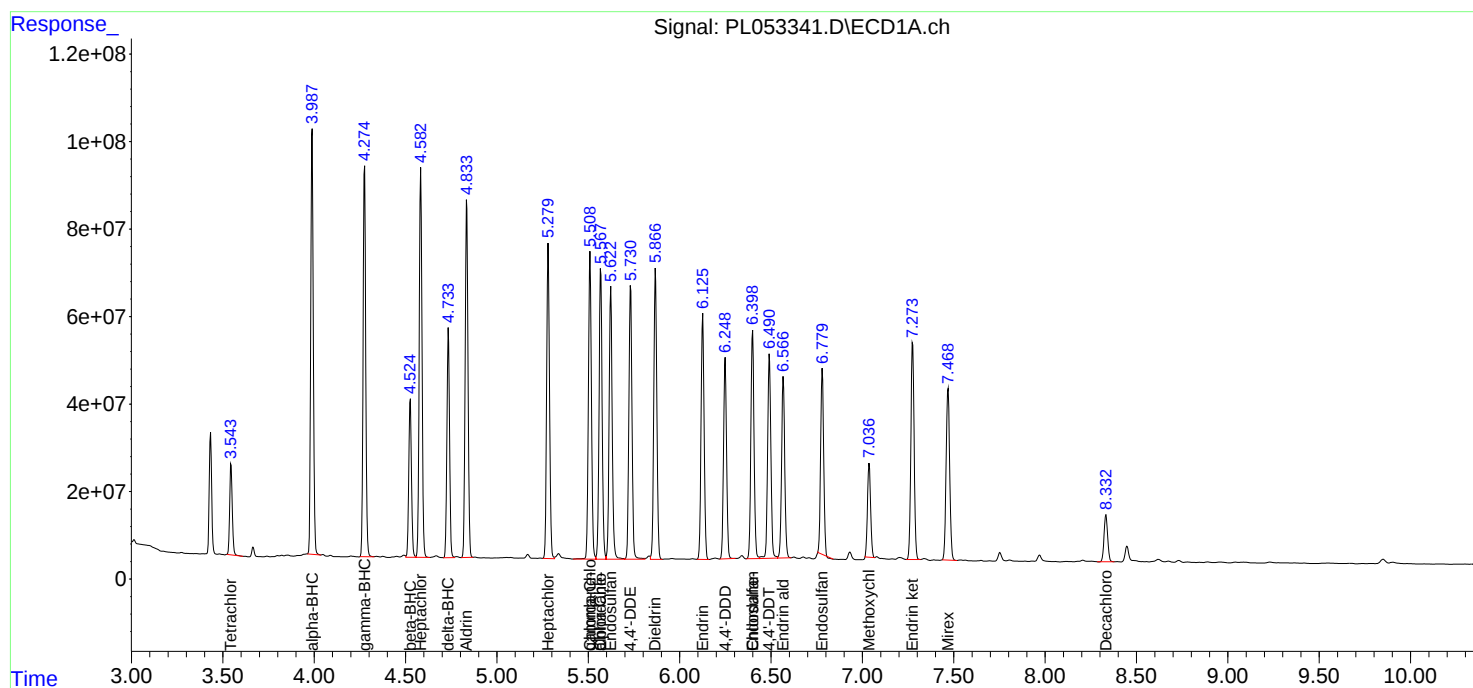
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

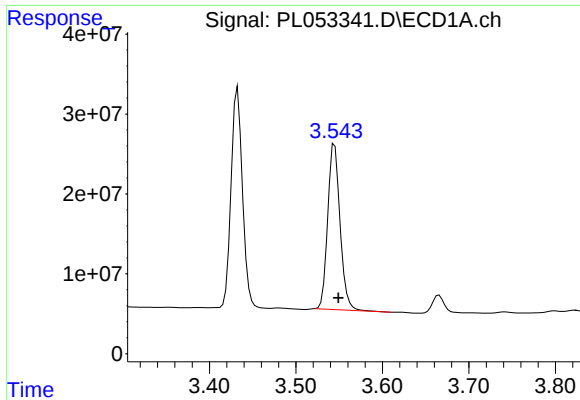
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101619\
Data File : PL053341.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Oct 2019 14:51
Operator : SG\AJ
Sample : K5357-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 16 00:43:19 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092919.M
Quant Title : GC Extractables
QLast Update : Mon Sep 30 08:44:08 2019
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

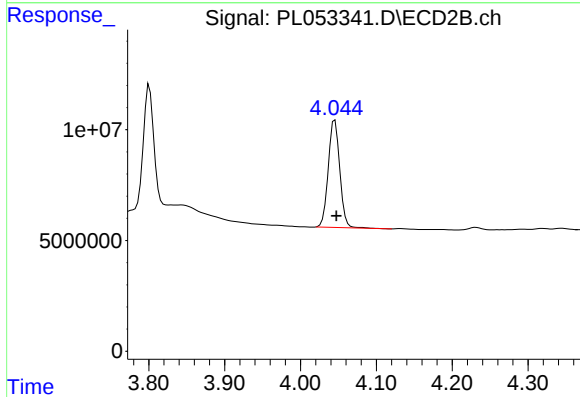




#1 Tetrachloro-m-xylene

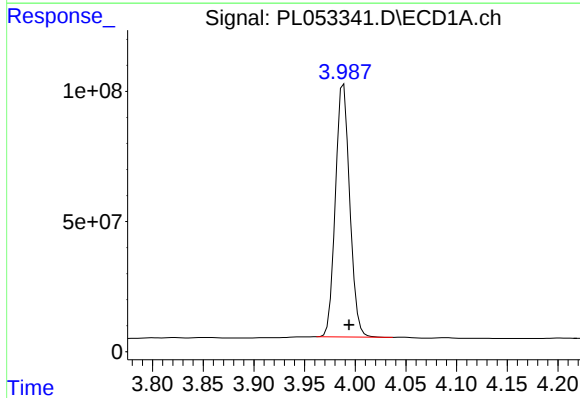
R.T.: 3.545 min
Delta R.T.: -0.004 min
Response: 205147700
Conc: 20.62 ng/ml

Instrument :
ECD_L
ClientSampleId :



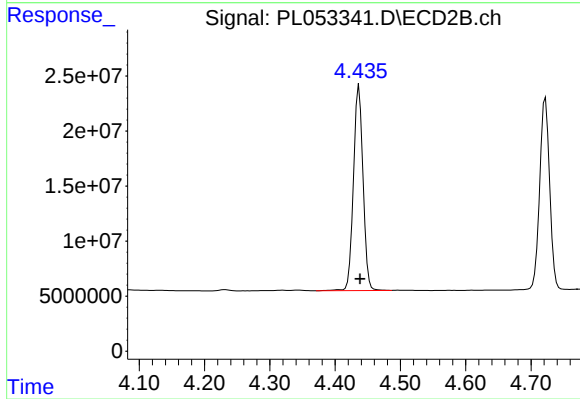
#1 Tetrachloro-m-xylene

R.T.: 4.045 min
Delta R.T.: -0.002 min
Response: 51207443
Conc: 19.07 ng/ml



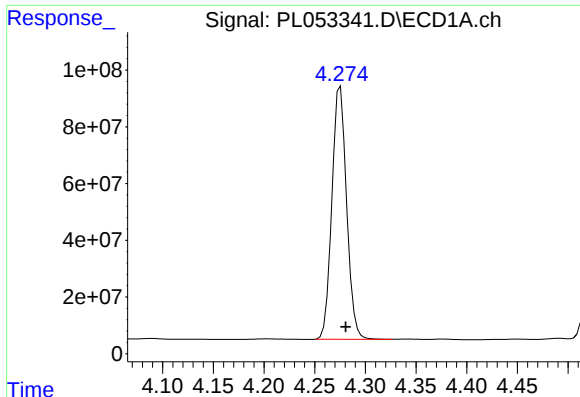
#2 alpha-BHC

R.T.: 3.989 min
Delta R.T.: -0.005 min
Response: 959344207
Conc: 60.14 ng/ml



#2 alpha-BHC

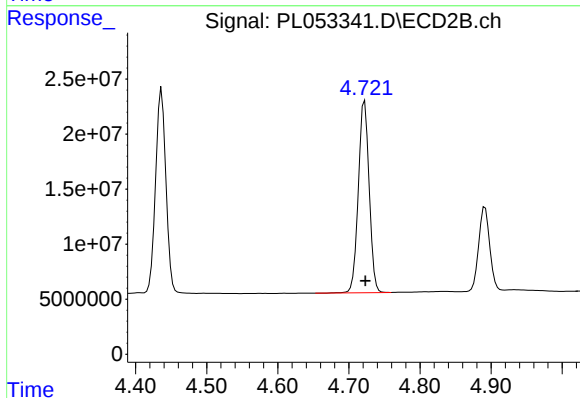
R.T.: 4.437 min
Delta R.T.: -0.001 min
Response: 190238345
Conc: 49.54 ng/ml



#3 gamma-BHC (Lindane)

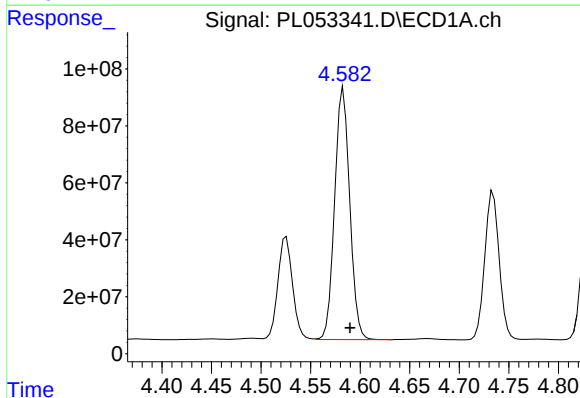
R.T.: 4.275 min
Delta R.T.: -0.005 min
Response: 902580660
Conc: 61.97 ng/ml

Instrument :
ECD_L
ClientSampleId :



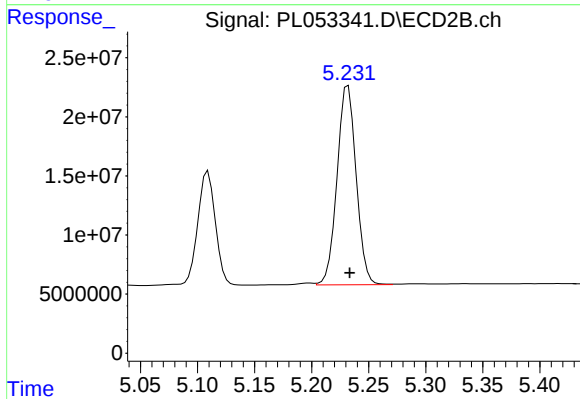
#3 gamma-BHC (Lindane)

R.T.: 4.722 min
Delta R.T.: -0.001 min
Response: 184661052
Conc: 50.99 ng/ml



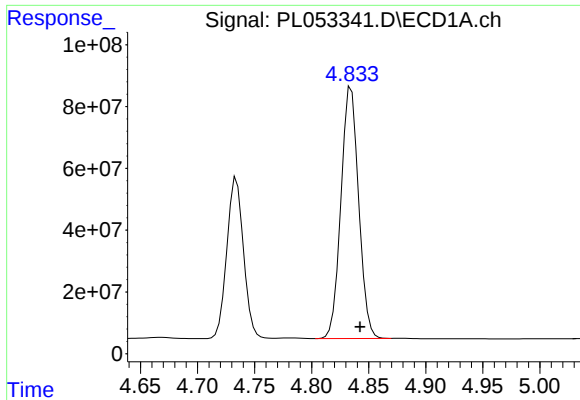
#4 Heptachlor

R.T.: 4.583 min
Delta R.T.: -0.007 min
Response: 936264109
Conc: 62.66 ng/ml



#4 Heptachlor

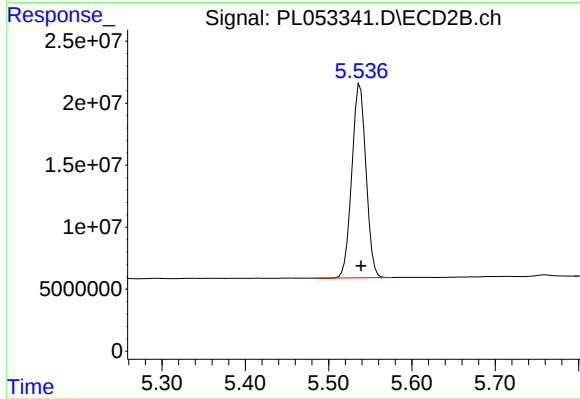
R.T.: 5.232 min
Delta R.T.: -0.001 min
Response: 196513180
Conc: 51.57 ng/ml



#5 Aldrin

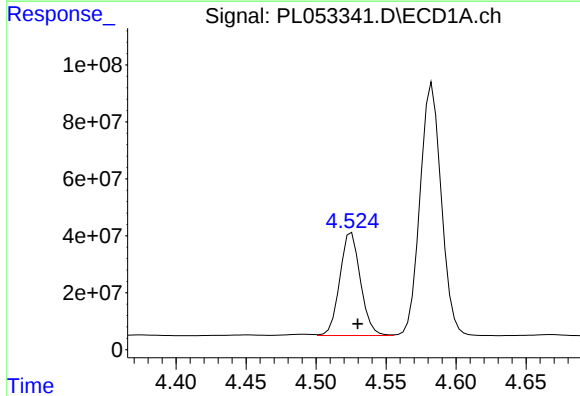
R.T.: 4.835 min
Delta R.T.: -0.008 min
Response: 880480172
Conc: 64.01 ng/ml

Instrument :
ECD_L
ClientSampleId :



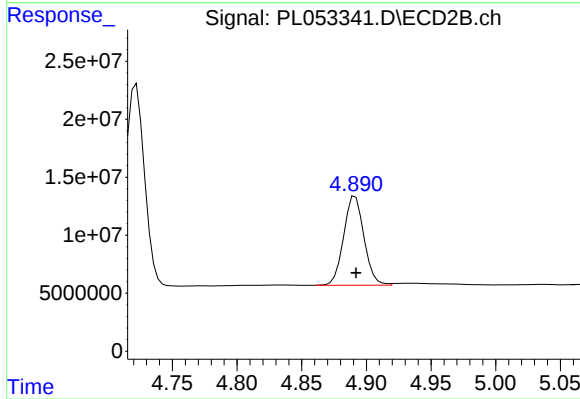
#5 Aldrin

R.T.: 5.538 min
Delta R.T.: -0.001 min
Response: 184406450
Conc: 53.21 ng/ml



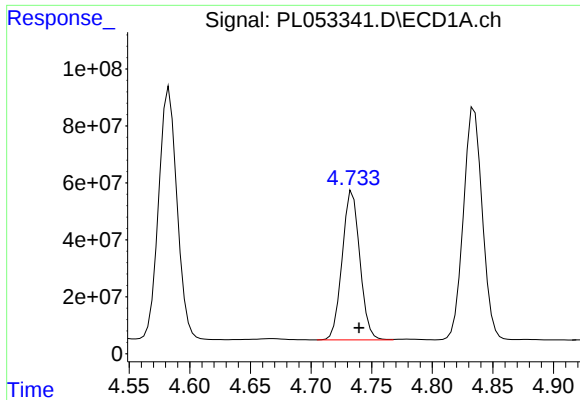
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: -0.004 min
Response: 371878331
Conc: 59.90 ng/ml



#6 beta-BHC

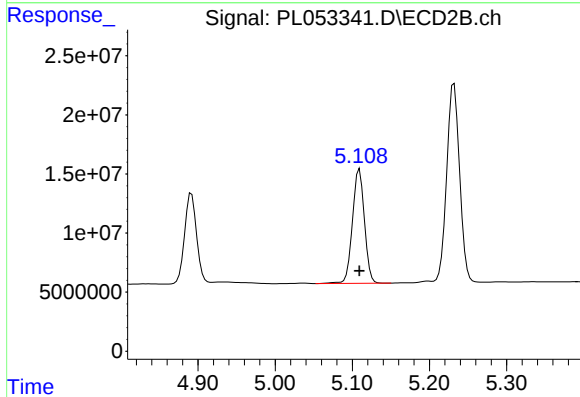
R.T.: 4.892 min
Delta R.T.: 0.000 min
Response: 83902585
Conc: 53.38 ng/ml



#7 delta-BHC

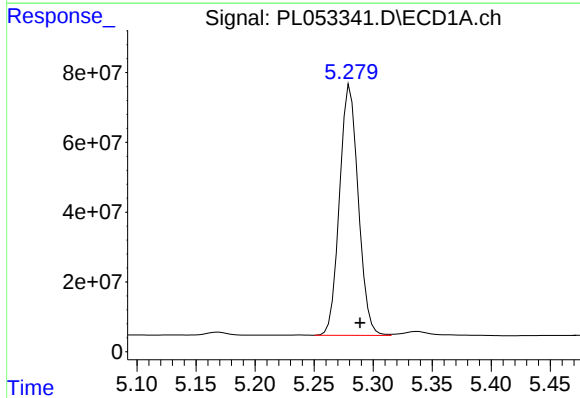
R.T.: 4.734 min
Delta R.T.: -0.005 min
Response: 529806965
Conc: 36.97 ng/ml

Instrument :
ECD_L
ClientSampleId :



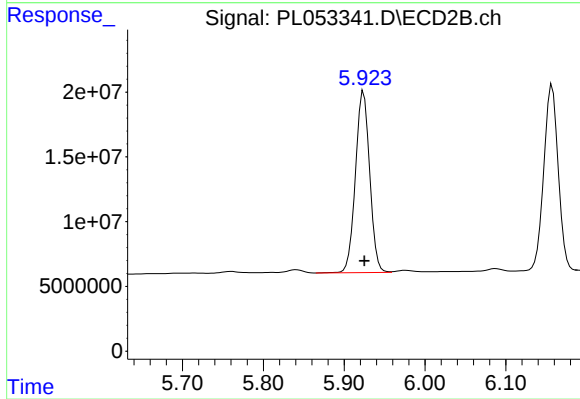
#7 delta-BHC

R.T.: 5.109 min
Delta R.T.: 0.000 min
Response: 104473606
Conc: 28.86 ng/ml



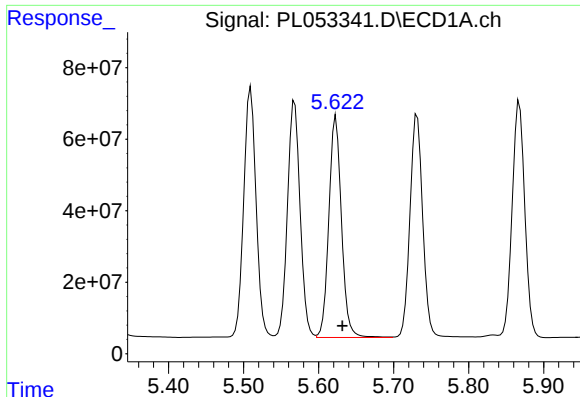
#8 Heptachlor epoxide

R.T.: 5.281 min
Delta R.T.: -0.008 min
Response: 792854178
Conc: 60.84 ng/ml



#8 Heptachlor epoxide

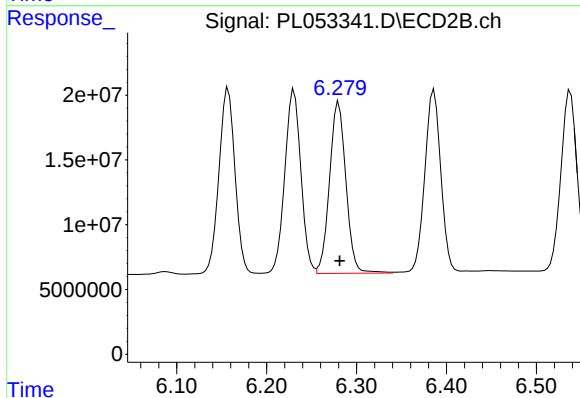
R.T.: 5.924 min
Delta R.T.: 0.000 min
Response: 171534054
Conc: 51.18 ng/ml



#9 Endosulfan I

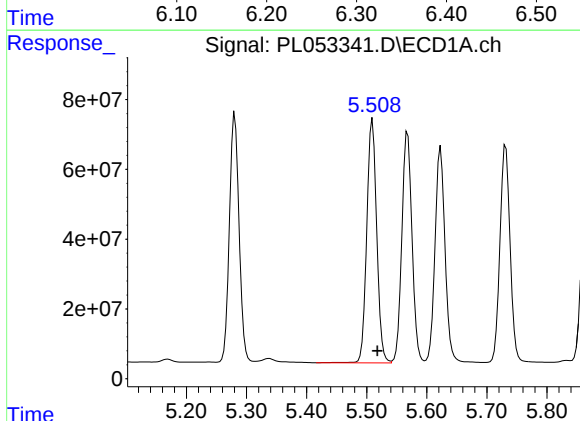
R.T.: 5.623 min
Delta R.T.: -0.009 min
Response: 723942842
Conc: 59.65 ng/ml

Instrument :
ECD_L
ClientSampleId :



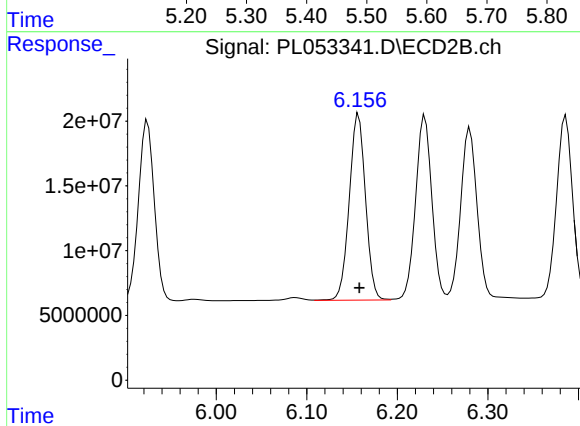
#9 Endosulfan I

R.T.: 6.280 min
Delta R.T.: -0.001 min
Response: 168174231
Conc: 53.80 ng/ml



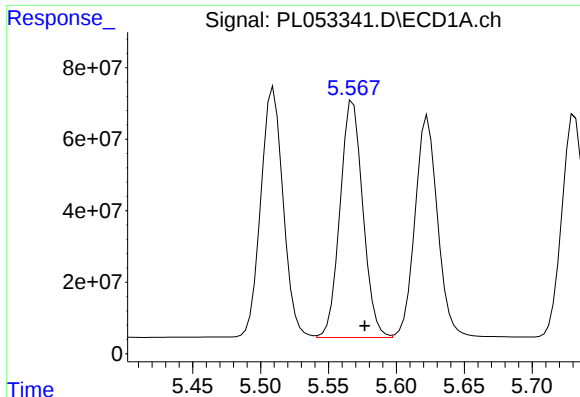
#10 gamma-Chlordane

R.T.: 5.510 min
Delta R.T.: -0.008 min
Response: 804054377
Conc: 59.79 ng/ml



#10 gamma-Chlordane

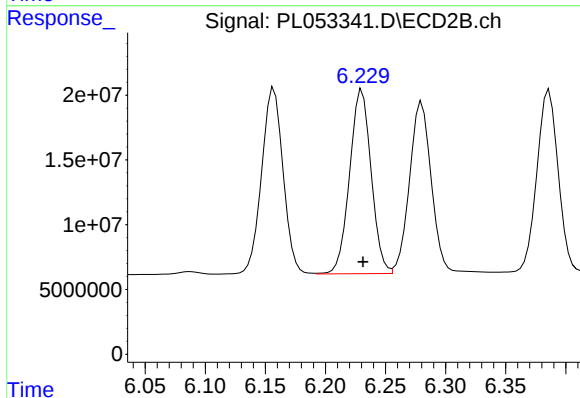
R.T.: 6.157 min
Delta R.T.: 0.000 min
Response: 179659778
Conc: 53.11 ng/ml



#11 alpha-Chlordane

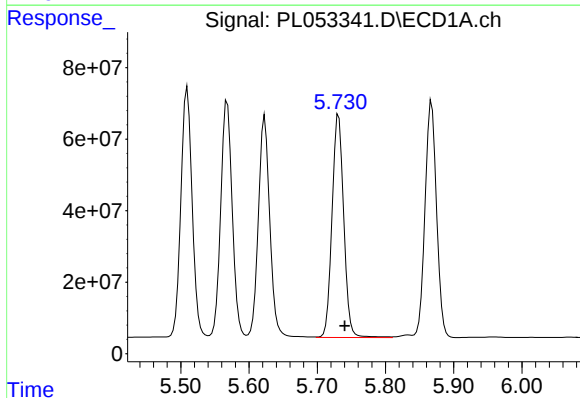
R.T.: 5.568 min
Delta R.T.: -0.009 min
Response: 775677637
Conc: 58.81 ng/ml

Instrument :
ECD_L
ClientSampleId :



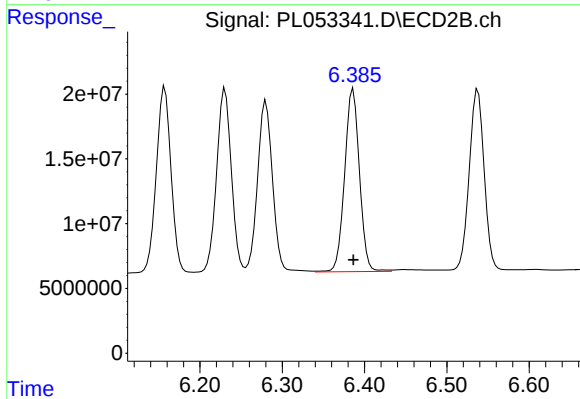
#11 alpha-Chlordane

R.T.: 6.231 min
Delta R.T.: 0.000 min
Response: 177633409
Conc: 52.77 ng/ml



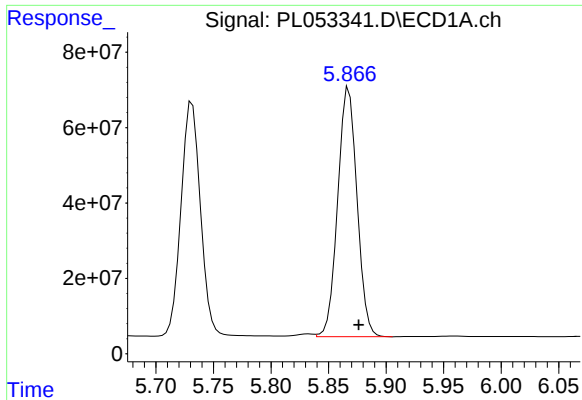
#12 4,4'-DDE

R.T.: 5.731 min
Delta R.T.: -0.009 min
Response: 742487991
Conc: 63.97 ng/ml



#12 4,4'-DDE

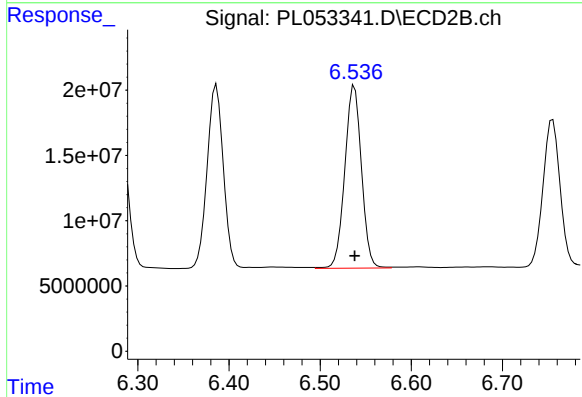
R.T.: 6.386 min
Delta R.T.: 0.000 min
Response: 176991364
Conc: 54.19 ng/ml



#13 Dieldrin

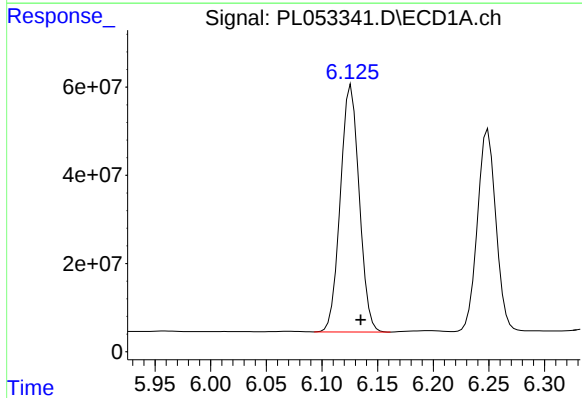
R.T.: 5.868 min
Delta R.T.: -0.009 min
Response: 775019243
Conc: 60.04 ng/ml

Instrument :
ECD_L
ClientSampleId :



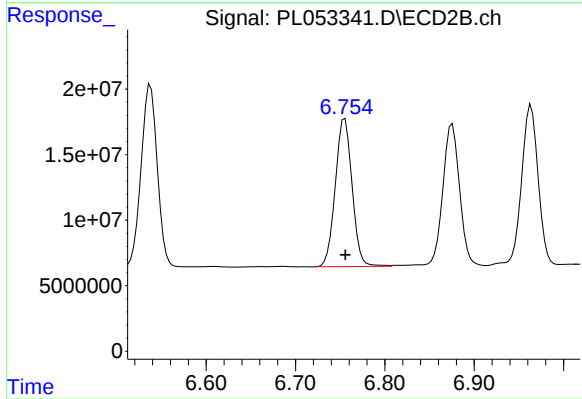
#13 Dieldrin

R.T.: 6.538 min
Delta R.T.: 0.000 min
Response: 177496928
Conc: 54.41 ng/ml



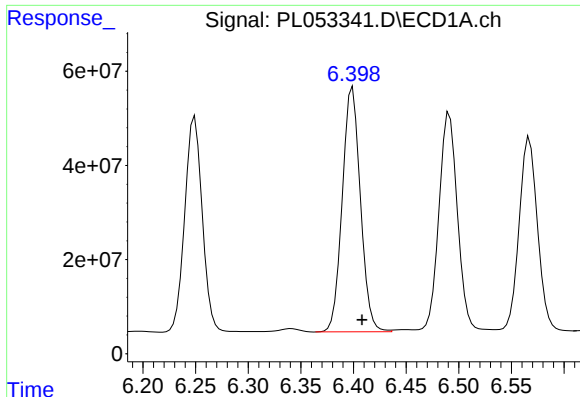
#14 Endrin

R.T.: 6.126 min
Delta R.T.: -0.008 min
Response: 659349890
Conc: 57.88 ng/ml



#14 Endrin

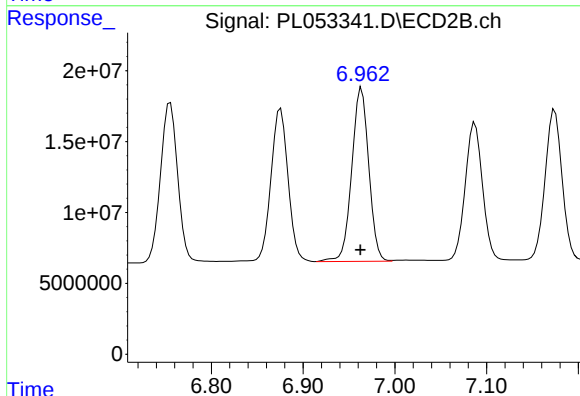
R.T.: 6.755 min
Delta R.T.: 0.000 min
Response: 147679176
Conc: 53.18 ng/ml



#15 Endosulfan II

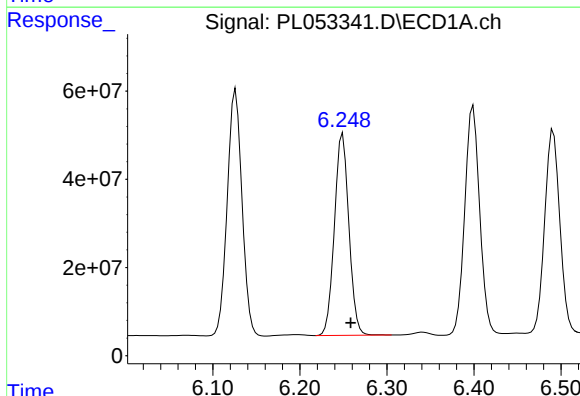
R.T.: 6.399 min
Delta R.T.: -0.009 min
Response: 625942415
Conc: 54.62 ng/ml

Instrument :
ECD_L
ClientSampleId :



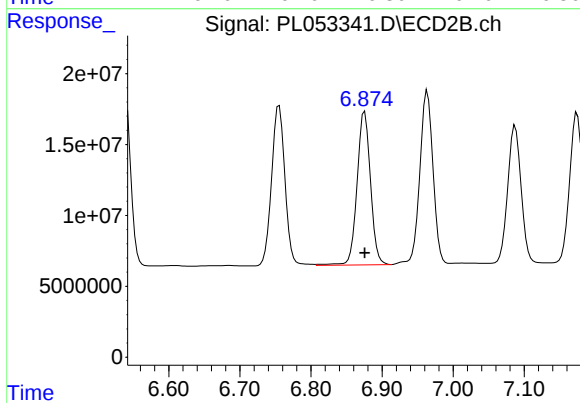
#15 Endosulfan II

R.T.: 6.964 min
Delta R.T.: 0.001 min
Response: 158091126
Conc: 53.28 ng/ml



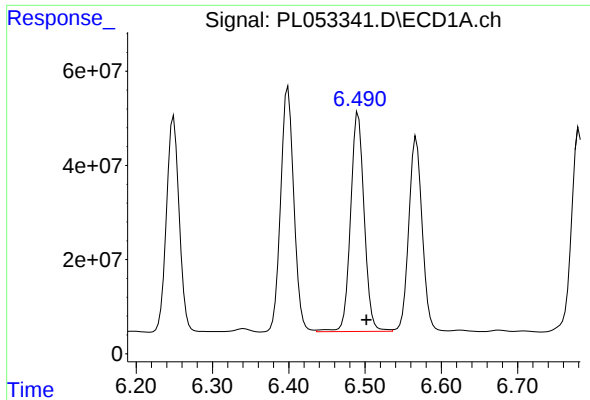
#16 4,4'-DDD

R.T.: 6.249 min
Delta R.T.: -0.009 min
Response: 529204925
Conc: 58.88 ng/ml



#16 4,4'-DDD

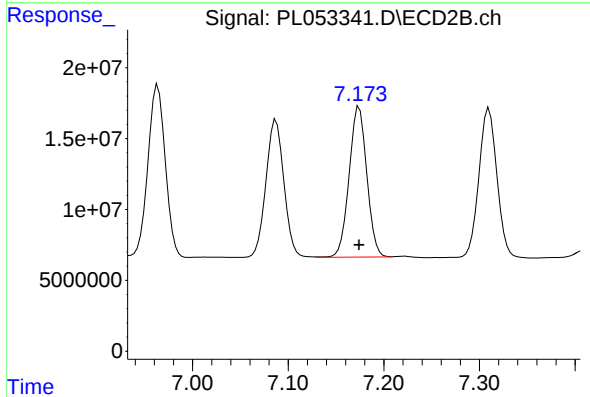
R.T.: 6.876 min
Delta R.T.: 0.000 min
Response: 142253583
Conc: 58.00 ng/ml



#17 4,4'-DDT

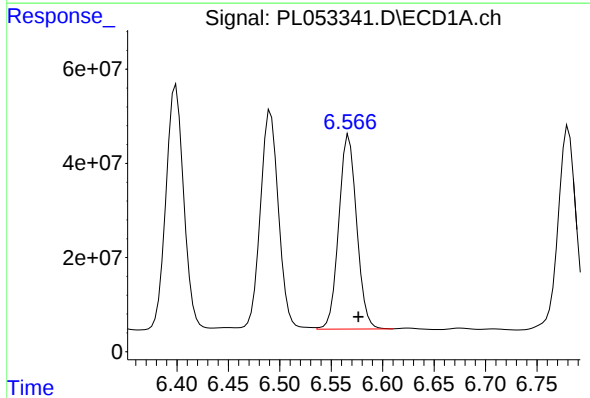
R.T.: 6.491 min
Delta R.T.: -0.011 min
Response: 578632411
Conc: 56.66 ng/ml

Instrument :
ECD_L
ClientSampleId :



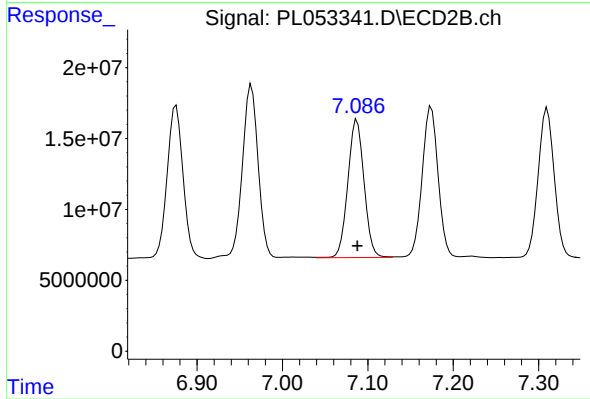
#17 4,4'-DDT

R.T.: 7.174 min
Delta R.T.: 0.000 min
Response: 136812544
Conc: 52.57 ng/ml



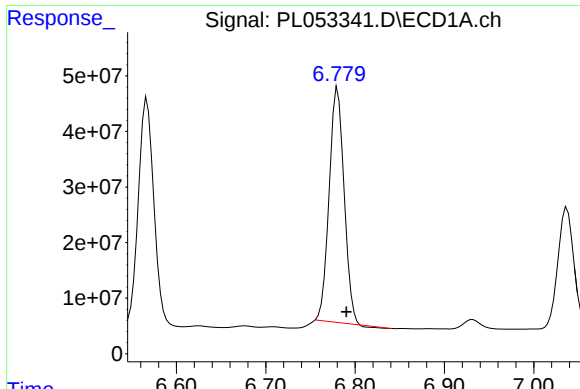
#18 Endrin aldehyde

R.T.: 6.567 min
Delta R.T.: -0.009 min
Response: 499493785
Conc: 53.19 ng/ml



#18 Endrin aldehyde

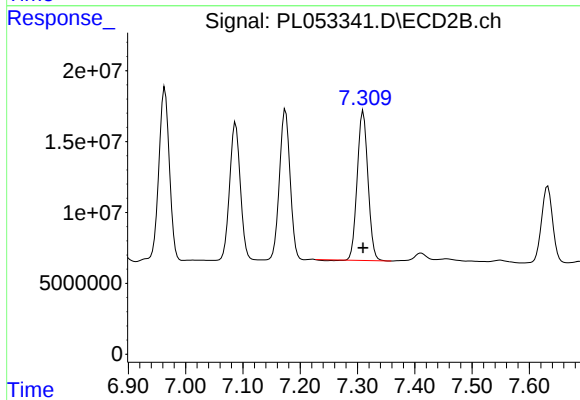
R.T.: 7.087 min
Delta R.T.: 0.000 min
Response: 128113276
Conc: 52.23 ng/ml



#19 Endosulfan Sulfate

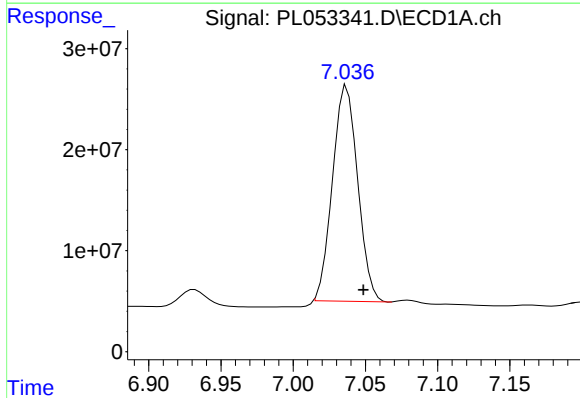
R.T.: 6.781 min
Delta R.T.: -0.010 min
Response: 487925582
Conc: 46.87 ng/ml

Instrument :
ECD_L
ClientSampleId :



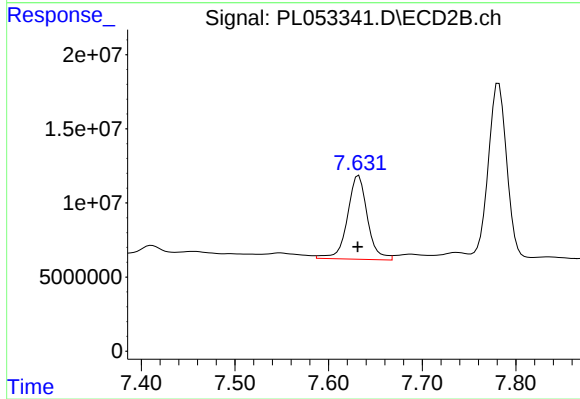
#19 Endosulfan Sulfate

R.T.: 7.310 min
Delta R.T.: 0.000 min
Response: 136530610
Conc: 50.00 ng/ml



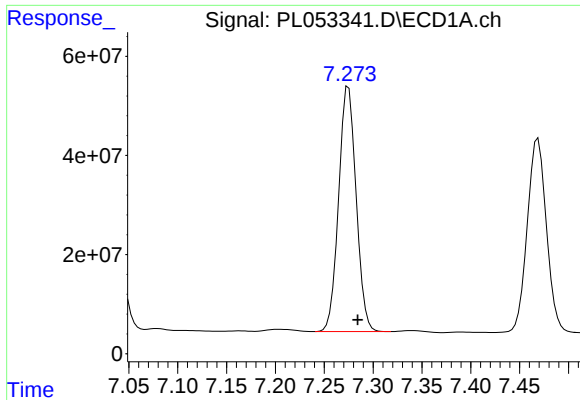
#20 Methoxychlor

R.T.: 7.037 min
Delta R.T.: -0.011 min
Response: 258467972
Conc: 50.11 ng/ml



#20 Methoxychlor

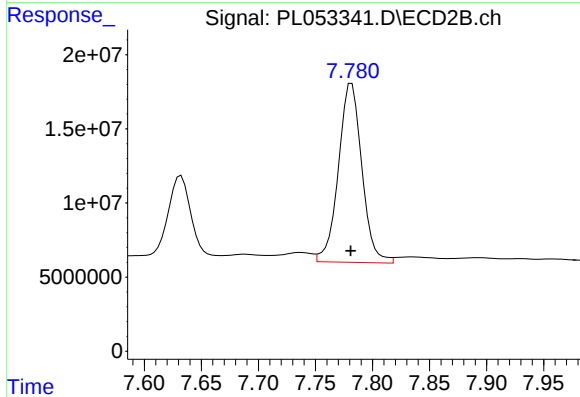
R.T.: 7.632 min
Delta R.T.: 0.000 min
Response: 83890651
Conc: 59.58 ng/ml



#21 Endrin ketone

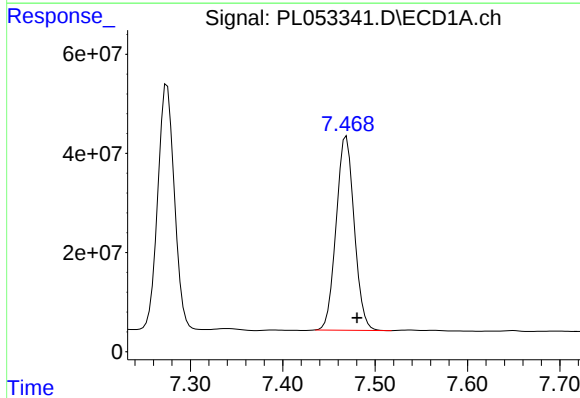
R.T.: 7.275 min
Delta R.T.: -0.009 min
Response: 616988274
Conc: 52.94 ng/ml

Instrument :
ECD_L
ClientSampleId :



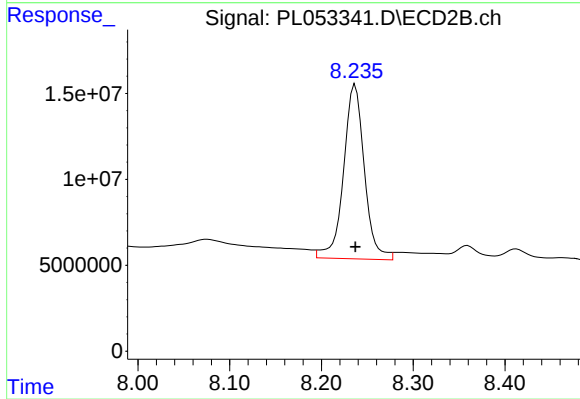
#21 Endrin ketone

R.T.: 7.782 min
Delta R.T.: 0.000 min
Response: 172814561
Conc: 60.58 ng/ml



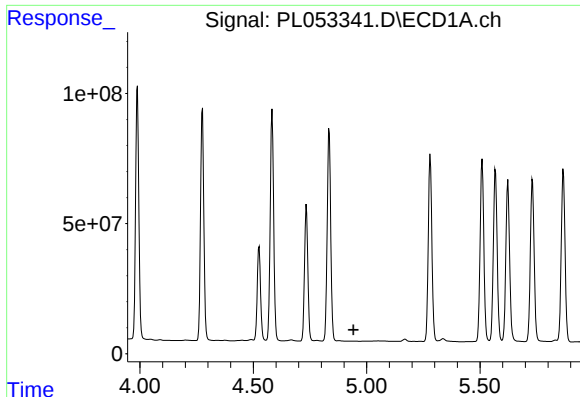
#22 Mirex

R.T.: 7.469 min
Delta R.T.: -0.012 min
Response: 531677371
Conc: 56.30 ng/ml



#22 Mirex

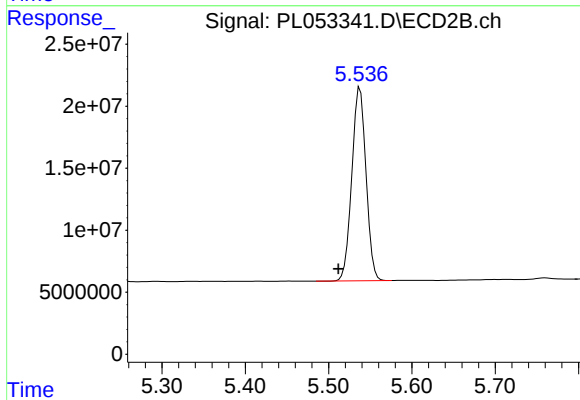
R.T.: 8.237 min
Delta R.T.: 0.000 min
Response: 160239024
Conc: 71.24 ng/ml



#24 Chlordane-2

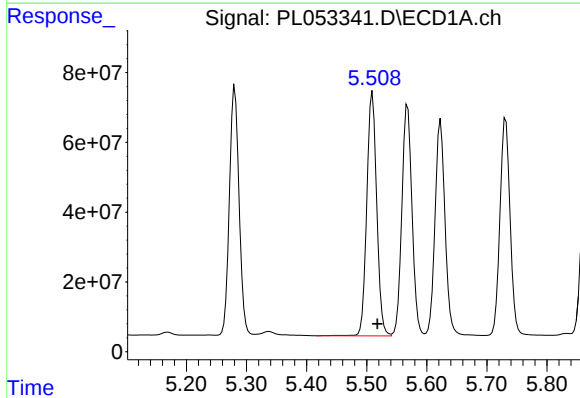
R.T.: 0.000 min
Exp R.T.: 4.942 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



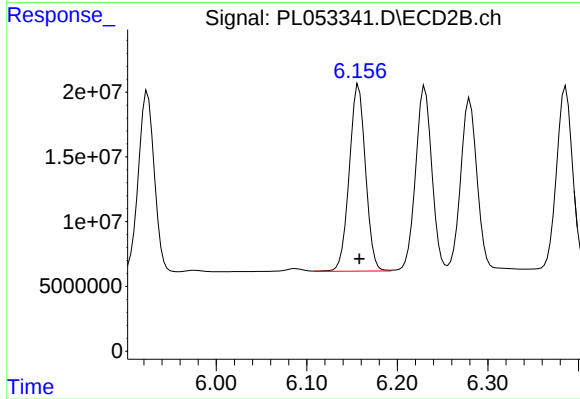
#24 Chlordane-2

R.T.: 5.538 min
Delta R.T.: 0.026 min
Response: 184406450
Conc: 1647.63 ng/ml



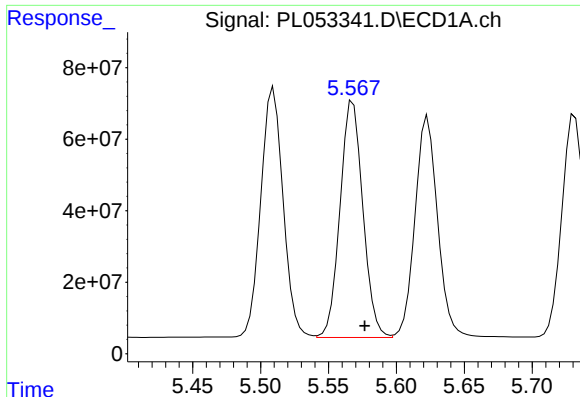
#25 Chlordane-3

R.T.: 5.510 min
Delta R.T.: -0.008 min
Response: 804054377
Conc: 693.93 ng/ml



#25 Chlordane-3

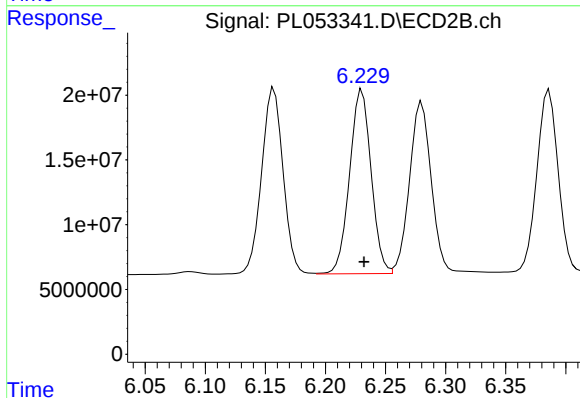
R.T.: 6.157 min
Delta R.T.: 0.000 min
Response: 179659778
Conc: 412.53 ng/ml



#26 Chlordane-4

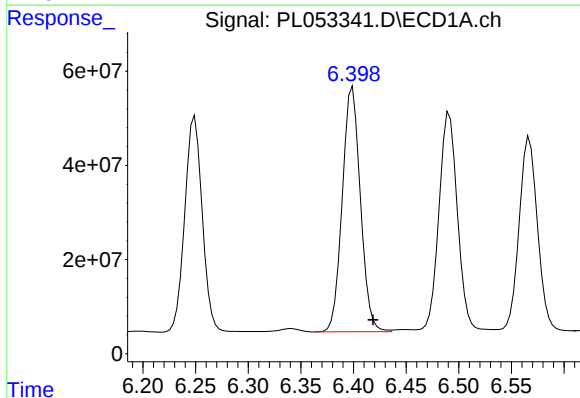
R.T.: 5.568 min
Delta R.T.: -0.009 min
Response: 775677637
Conc: 812.73 ng/ml

Instrument :
ECD_L
ClientSampleId :



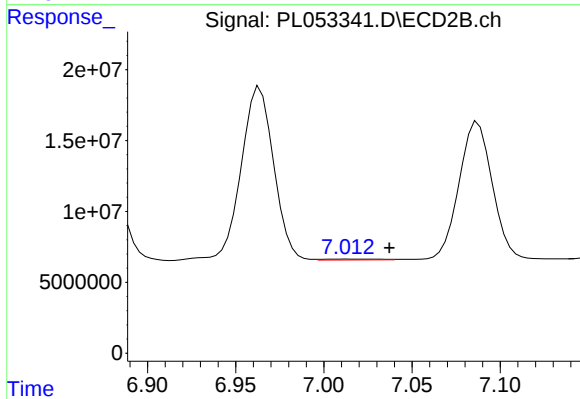
#26 Chlordane-4

R.T.: 6.231 min
Delta R.T.: -0.002 min
Response: 177633409
Conc: 334.53 ng/ml



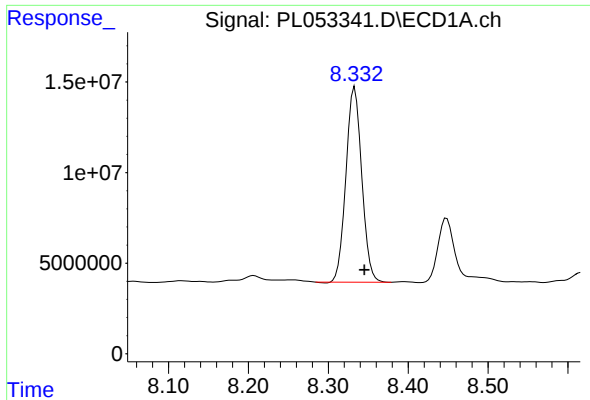
#27 Chlordane-5

R.T.: 6.399 min
Delta R.T.: -0.019 min
Response: 625942415
Conc: 1586.94 ng/ml



#27 Chlordane-5

R.T.: 7.013 min
Delta R.T.: -0.024 min
Response: 1503861
Conc: 17.05 ng/ml



#28 Decachlorobiphenyl

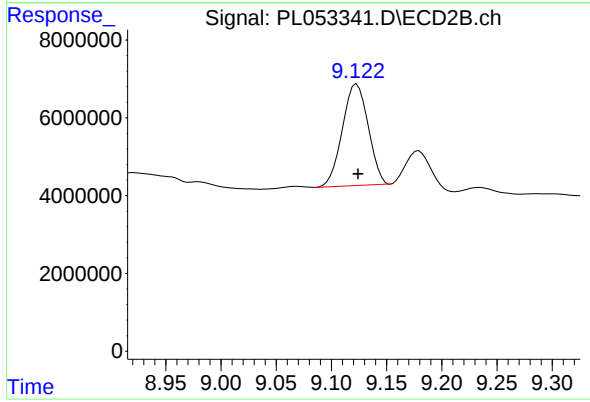
R.T.: 8.333 min

Delta R.T.: -0.012 min

Response: 148570244

Conc: 14.83 ng/ml

Instrument :
ECD_L
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 9.123 min

Delta R.T.: -0.001 min

Response: 42465631

Conc: 14.48 ng/ml