

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111719\
 Data File : PL054353.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Nov 2019 13:02
 Operator : SG\AJ
 Sample : K5865-05MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 4-(10-12)MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 18 06:25:33 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...	3.539	4.042	225.5E6	53643823	20.806	21.437
28)	SA Decachlor...	8.321	9.121	184.3E6	50945497	18.784	18.091
Target Compounds							
2)	A alpha-BHC	3.982	4.433	1027.7E6	203.1E6	58.941	58.746
3)	MA gamma-BHC...	4.269	4.719	887.2E6	179.9E6	56.970	55.871
4)	MA Heptachlor	4.575	5.228	821.9E6	149.2E6	52.076	46.317
5)	MB Aldrin	4.825	5.533	900.2E6	168.8E6	62.971	56.626
6)	B beta-BHC	4.519	4.889	320.2E6	77294373	48.597	50.041
7)	B delta-BHC	4.727	5.106	515.5E6	98410394	33.869	32.580
8)	B Heptachlor...	5.271	5.920	782.8E6	150.7E6	57.991	51.659
9)	A Endosulfan I	5.613	6.276	515.7E6	102.9E6	41.951	37.947
10)	B gamma-Chl...	5.500	6.154	834.5E6	157.3E6	61.164	53.913
11)	B alpha-Chl...	5.558	6.226	797.9E6	157.5E6	59.976	53.968
12)	B 4,4'-DDE	5.721	6.383	801.3E6	162.0E6	67.438	57.504
13)	MA Dieldrin	5.857	6.534	711.6E6	141.1E6	54.594	49.461
14)	MA Endrin	6.115	6.752	420.2E6	80811173	36.253	33.294
15)	B Endosulfa...	6.389	6.961	316.1E6	70797241	28.270	27.715
16)	A 4,4'-DDD	6.239	6.873	506.7E6	107.9E6	56.930	51.776
17)	MA 4,4'-DDT	6.481	7.172	482.5E6	103.3E6	48.710	44.680
18)	B Endrin al...	6.557	7.085	240.7E6	55883881	26.254	25.439
19)	B Endosulfa...	6.770	7.307	226.6E6	55055031	22.281	22.438
20)	A Methoxychlor	7.026	7.629	131.9E6	31439215	26.759	24.204
21)	B Endrin ke...	7.264	7.778	377.5E6	87014307	35.070	33.746
22)	Mirex	7.457	8.234	492.5E6	113.9E6	57.584	56.301
23)	Chlordane-1	4.439	0.000	7079068	0	19.960	N.D. #
24)	Chlordane-2	0.000	5.533f	0	168.8E6	N.D.	1718.899 #
25)	Chlordane-3	5.500	6.154	834.5E6	157.3E6	723.965	430.706 #
26)	Chlordane-4	5.558	6.226	797.9E6	157.5E6	851.122	350.927 #
27)	Chlordane-5	6.389f	0.000	316.1E6	0	864.667	N.D. #

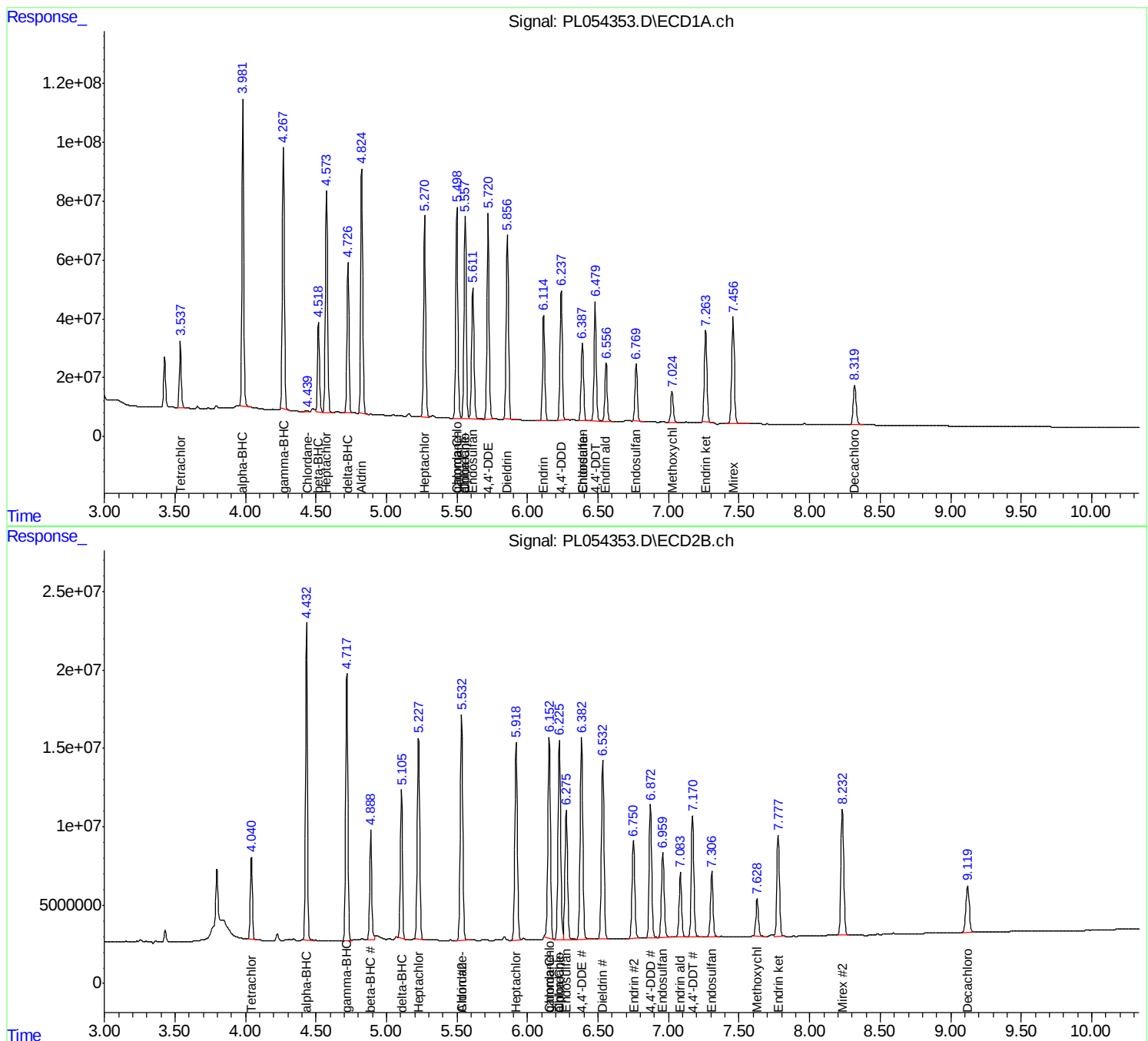
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

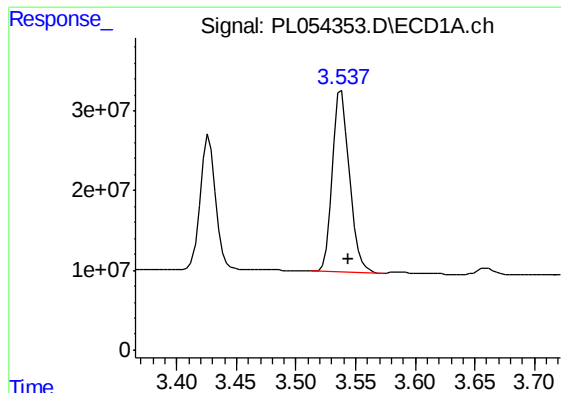
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111719\
Data File : PL054353.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Nov 2019 13:02
Operator : SG\AJ
Sample : K5865-05MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampled :
4-(10-12)MSD

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 18 06:25:33 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

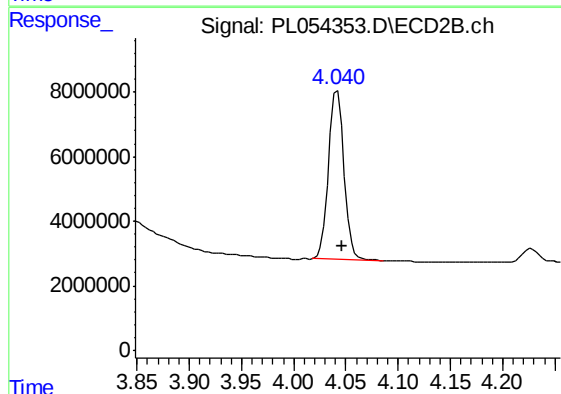




#1 Tetrachloro-m-xylene

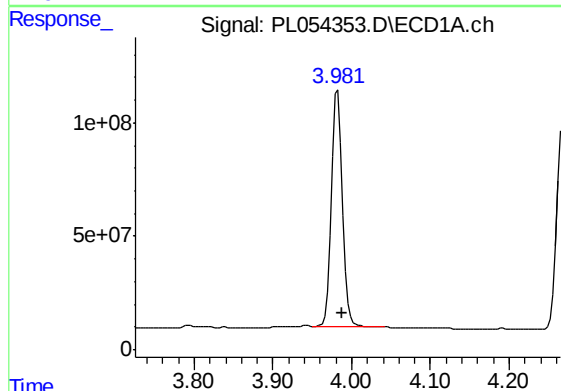
R.T.: 3.539 min
Delta R.T.: -0.005 min
Response: 225522804
Conc: 20.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
4-(10-12)MSD



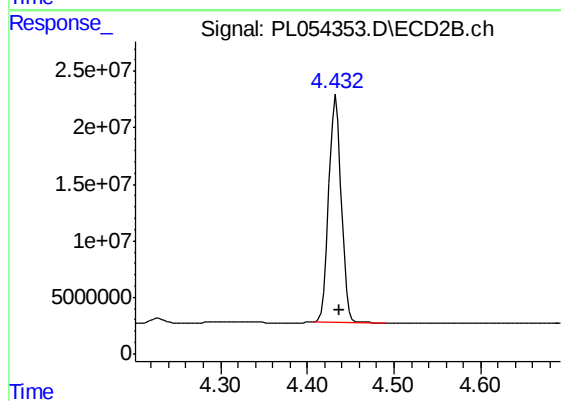
#1 Tetrachloro-m-xylene

R.T.: 4.042 min
Delta R.T.: -0.004 min
Response: 53643823
Conc: 21.44 ng/ml



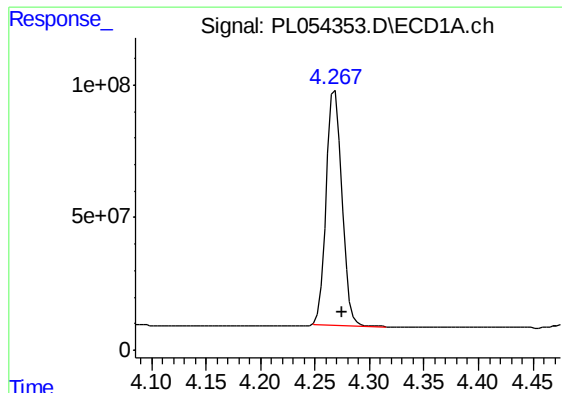
#2 alpha-BHC

R.T.: 3.982 min
Delta R.T.: -0.006 min
Response: 1027726933
Conc: 58.94 ng/ml



#2 alpha-BHC

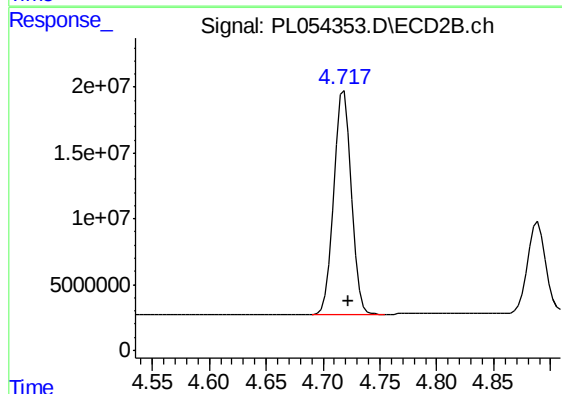
R.T.: 4.433 min
Delta R.T.: -0.004 min
Response: 203089808
Conc: 58.75 ng/ml



#3 gamma-BHC (Lindane)

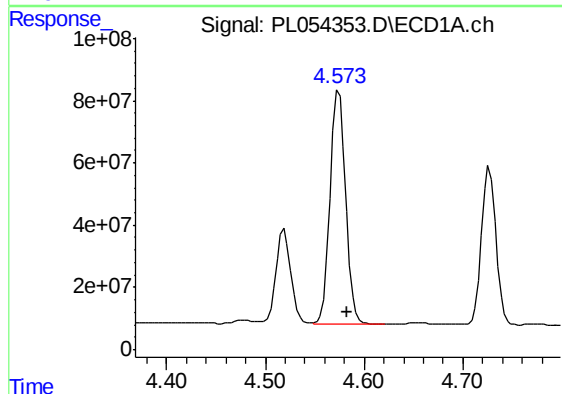
R.T.: 4.269 min
Delta R.T.: -0.006 min
Response: 887224118
Conc: 56.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
4-(10-12)MSD



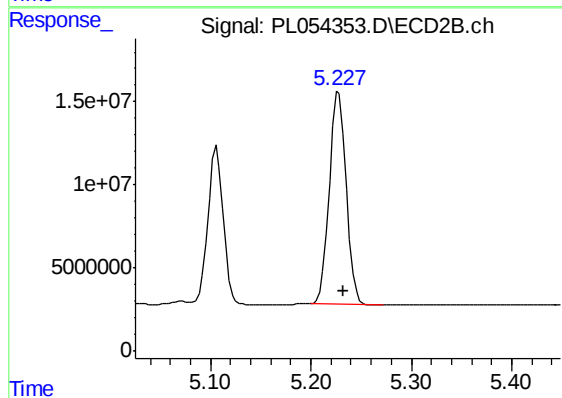
#3 gamma-BHC (Lindane)

R.T.: 4.719 min
Delta R.T.: -0.004 min
Response: 179926919
Conc: 55.87 ng/ml



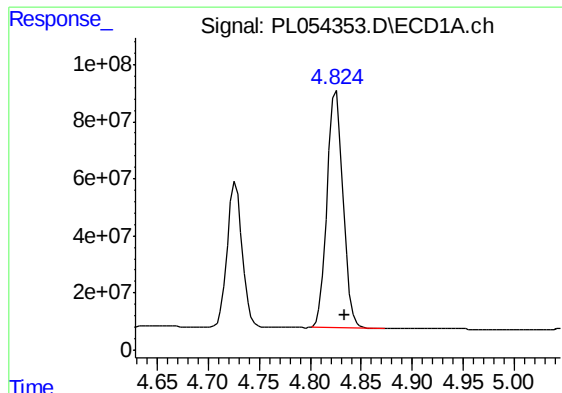
#4 Heptachlor

R.T.: 4.575 min
Delta R.T.: -0.008 min
Response: 821903989
Conc: 52.08 ng/ml



#4 Heptachlor

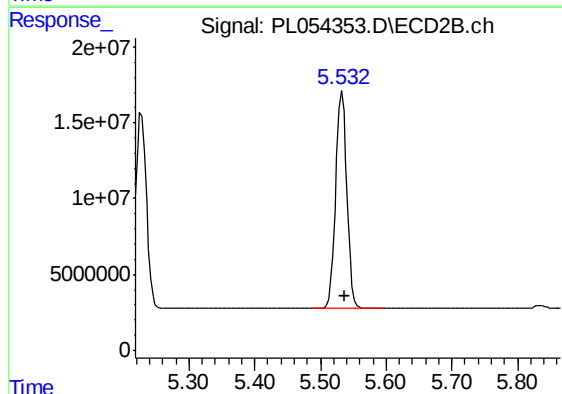
R.T.: 5.228 min
Delta R.T.: -0.004 min
Response: 149241275
Conc: 46.32 ng/ml



#5 Aldrin

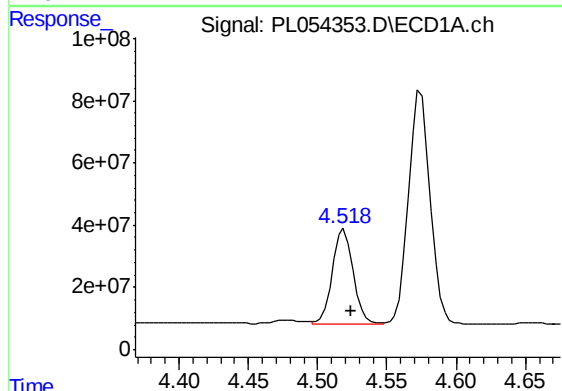
R.T.: 4.825 min
Delta R.T.: -0.009 min
Response: 900214595
Conc: 62.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
4-(10-12)MSD



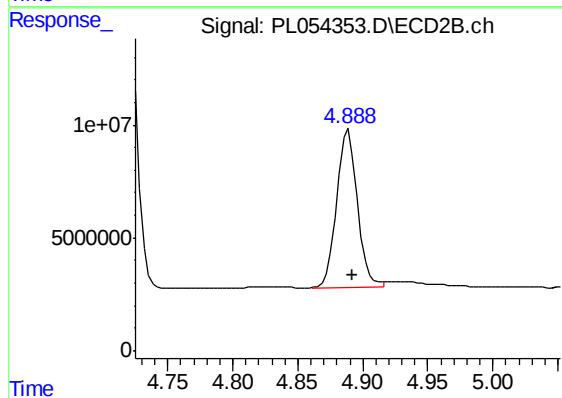
#5 Aldrin

R.T.: 5.533 min
Delta R.T.: -0.004 min
Response: 168832755
Conc: 56.63 ng/ml



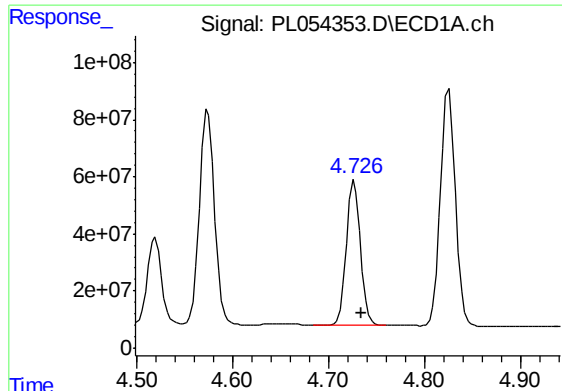
#6 beta-BHC

R.T.: 4.519 min
Delta R.T.: -0.005 min
Response: 320247920
Conc: 48.60 ng/ml



#6 beta-BHC

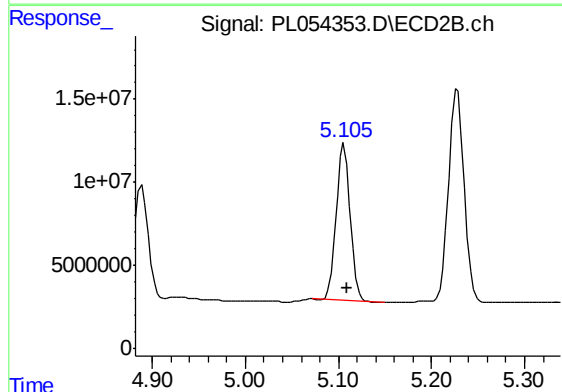
R.T.: 4.889 min
Delta R.T.: -0.002 min
Response: 77294373
Conc: 50.04 ng/ml



#7 delta-BHC

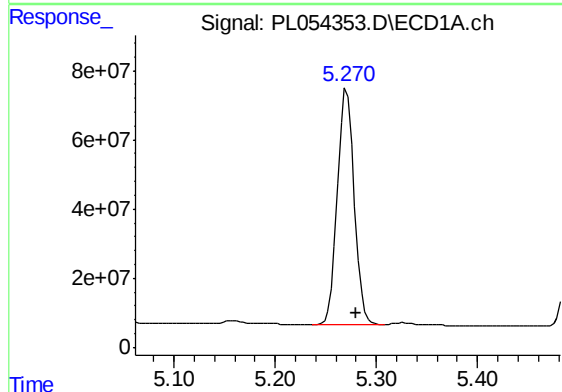
R.T.: 4.727 min
Delta R.T.: -0.007 min
Response: 515524679
Conc: 33.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
4-(10-12)MSD



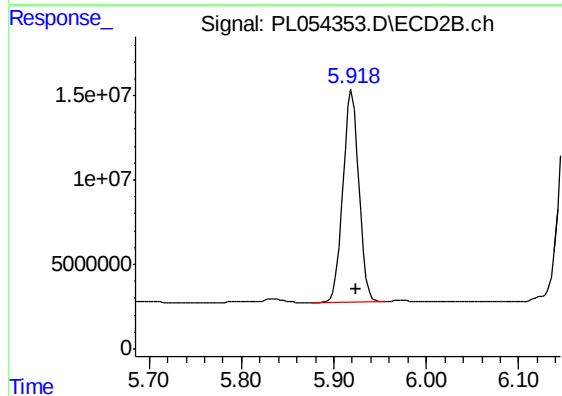
#7 delta-BHC

R.T.: 5.106 min
Delta R.T.: -0.003 min
Response: 98410394
Conc: 32.58 ng/ml



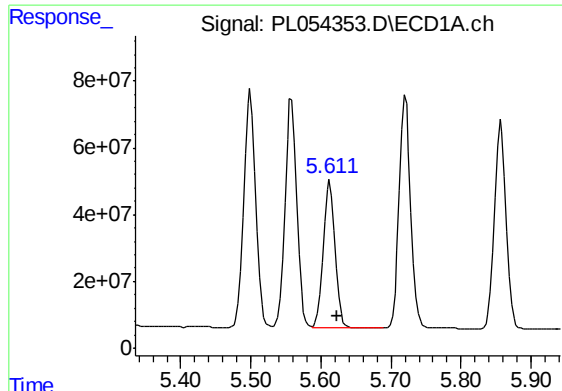
#8 Heptachlor epoxide

R.T.: 5.271 min
Delta R.T.: -0.009 min
Response: 782838608
Conc: 57.99 ng/ml



#8 Heptachlor epoxide

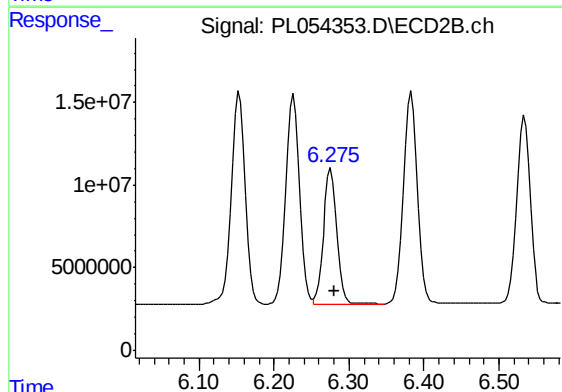
R.T.: 5.920 min
Delta R.T.: -0.005 min
Response: 150658708
Conc: 51.66 ng/ml



#9 Endosulfan I

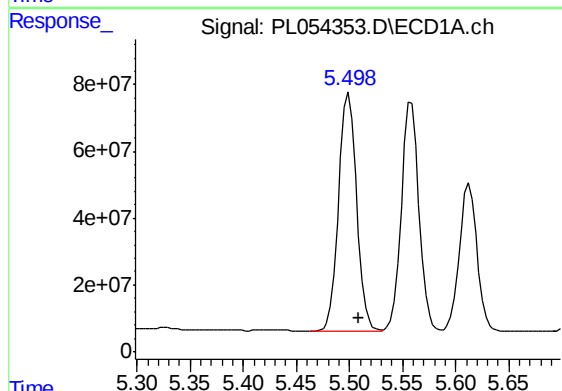
R.T.: 5.613 min
Delta R.T.: -0.010 min
Response: 515660517
Conc: 41.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
4-(10-12)MSD



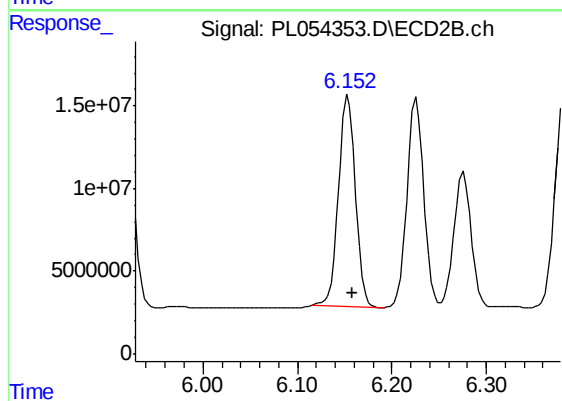
#9 Endosulfan I

R.T.: 6.276 min
Delta R.T.: -0.005 min
Response: 102883751
Conc: 37.95 ng/ml



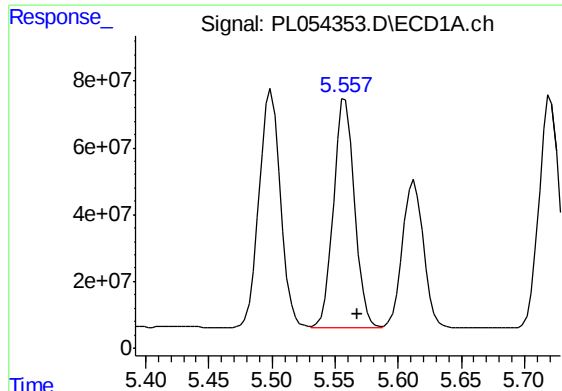
#10 gamma-Chlordane

R.T.: 5.500 min
Delta R.T.: -0.009 min
Response: 834504322
Conc: 61.16 ng/ml



#10 gamma-Chlordane

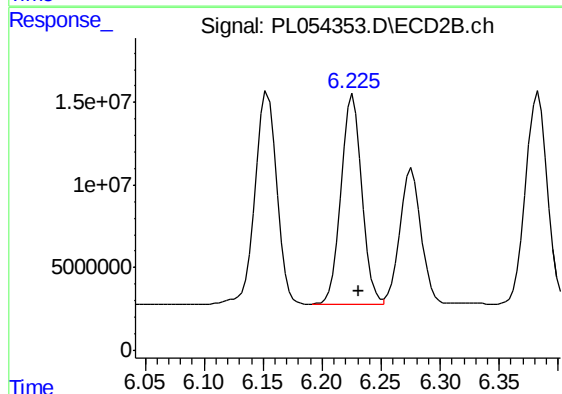
R.T.: 6.154 min
Delta R.T.: -0.004 min
Response: 157307009
Conc: 53.91 ng/ml



#11 alpha-Chlordane

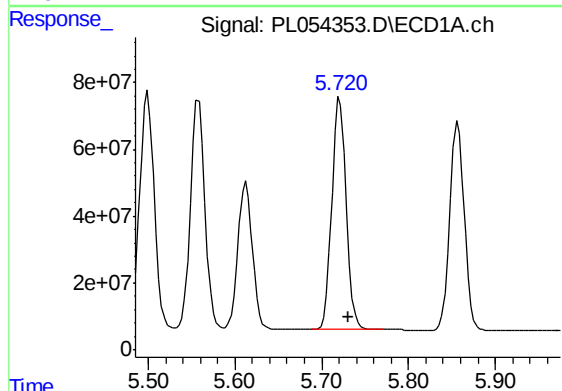
R.T.: 5.558 min
Delta R.T.: -0.009 min
Response: 797885619
Conc: 59.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
4-(10-12)MSD



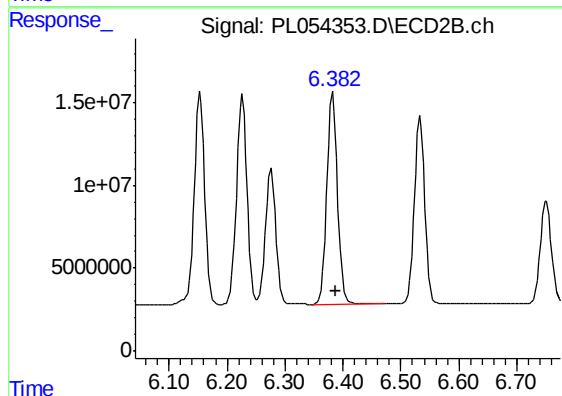
#11 alpha-Chlordane

R.T.: 6.226 min
Delta R.T.: -0.004 min
Response: 157544184
Conc: 53.97 ng/ml



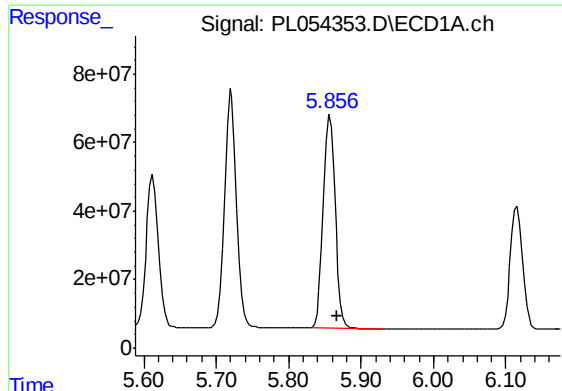
#12 4,4'-DDE

R.T.: 5.721 min
Delta R.T.: -0.010 min
Response: 801313269
Conc: 67.44 ng/ml



#12 4,4'-DDE

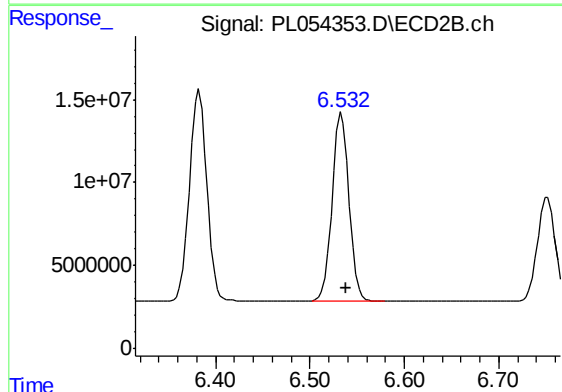
R.T.: 6.383 min
Delta R.T.: -0.004 min
Response: 161952285
Conc: 57.50 ng/ml



#13 Dieldrin

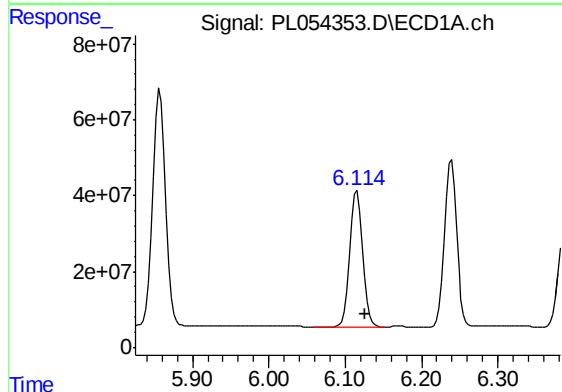
R.T.: 5.857 min
Delta R.T.: -0.010 min
Response: 711557135
Conc: 54.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
4-(10-12)MSD



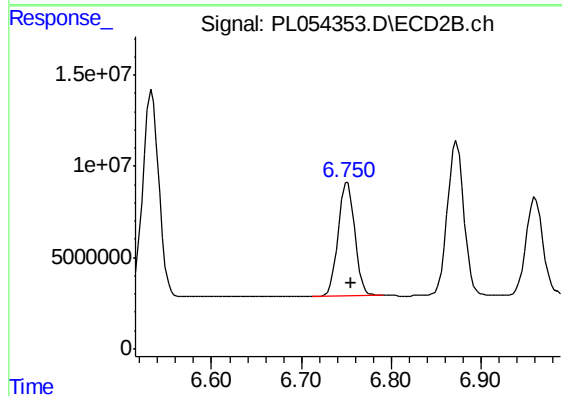
#13 Dieldrin

R.T.: 6.534 min
Delta R.T.: -0.004 min
Response: 141142622
Conc: 49.46 ng/ml



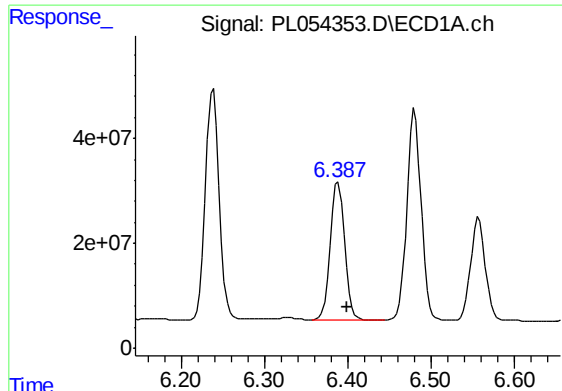
#14 Endrin

R.T.: 6.115 min
Delta R.T.: -0.011 min
Response: 420216944
Conc: 36.25 ng/ml



#14 Endrin

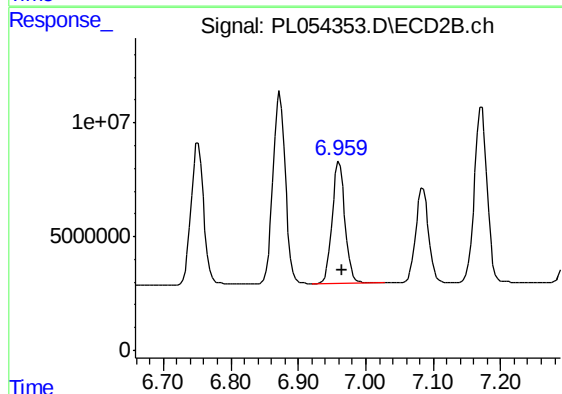
R.T.: 6.752 min
Delta R.T.: -0.004 min
Response: 80811173
Conc: 33.29 ng/ml



#15 Endosulfan II

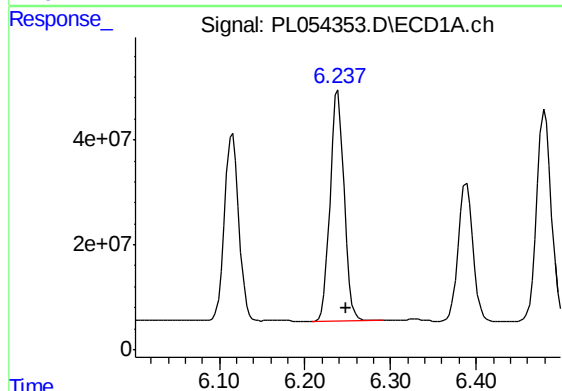
R.T.: 6.389 min
Delta R.T.: -0.010 min
Response: 316074184
Conc: 28.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
4-(10-12)MSD



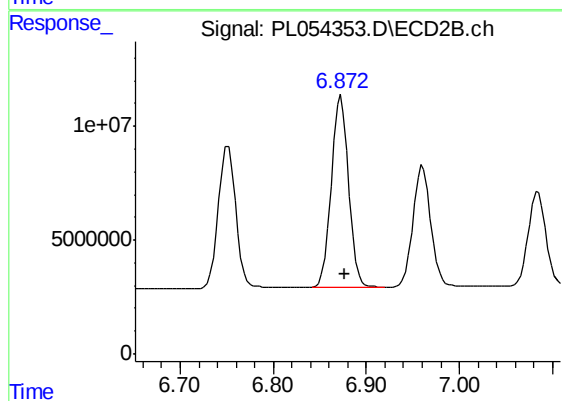
#15 Endosulfan II

R.T.: 6.961 min
Delta R.T.: -0.004 min
Response: 70797241
Conc: 27.71 ng/ml



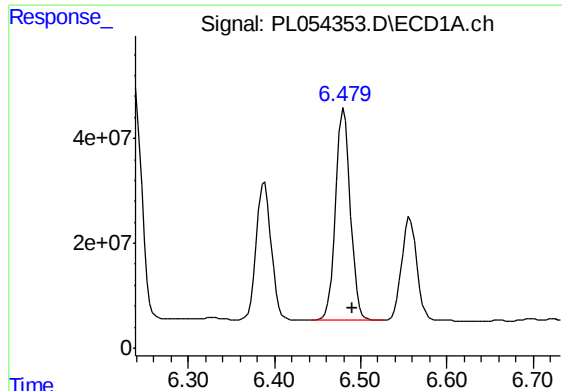
#16 4,4'-DDD

R.T.: 6.239 min
Delta R.T.: -0.010 min
Response: 506670894
Conc: 56.93 ng/ml



#16 4,4'-DDD

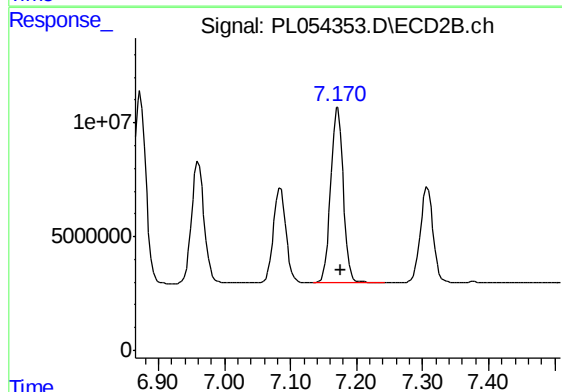
R.T.: 6.873 min
Delta R.T.: -0.004 min
Response: 107898838
Conc: 51.78 ng/ml



#17 4,4'-DDT

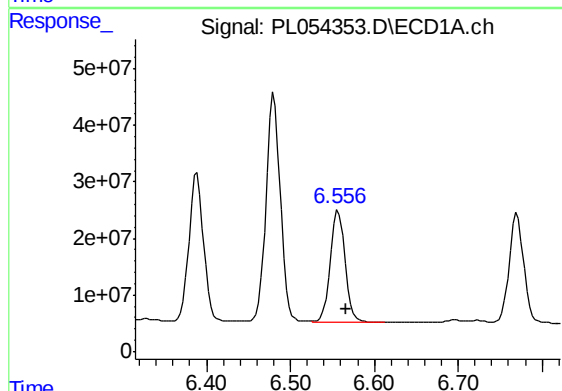
R.T.: 6.481 min
Delta R.T.: -0.011 min
Response: 482534305
Conc: 48.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
4-(10-12)MSD



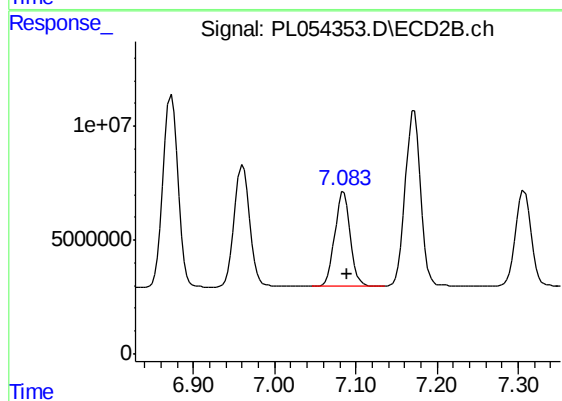
#17 4,4'-DDT

R.T.: 7.172 min
Delta R.T.: -0.004 min
Response: 103323117
Conc: 44.68 ng/ml



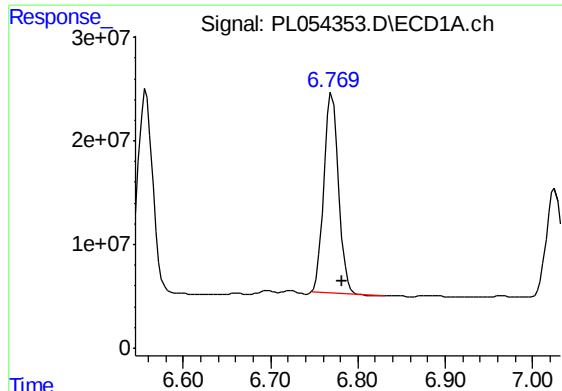
#18 Endrin aldehyde

R.T.: 6.557 min
Delta R.T.: -0.010 min
Response: 240731006
Conc: 26.25 ng/ml



#18 Endrin aldehyde

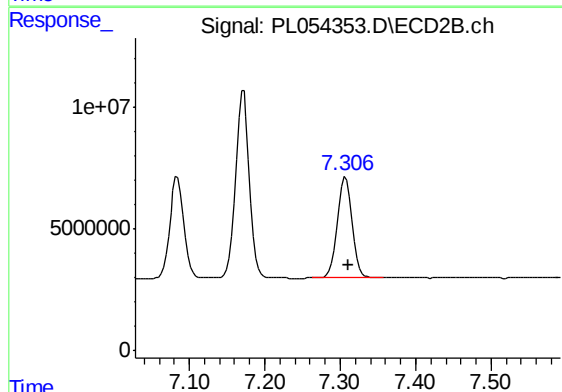
R.T.: 7.085 min
Delta R.T.: -0.004 min
Response: 55883881
Conc: 25.44 ng/ml



#19 Endosulfan Sulfate

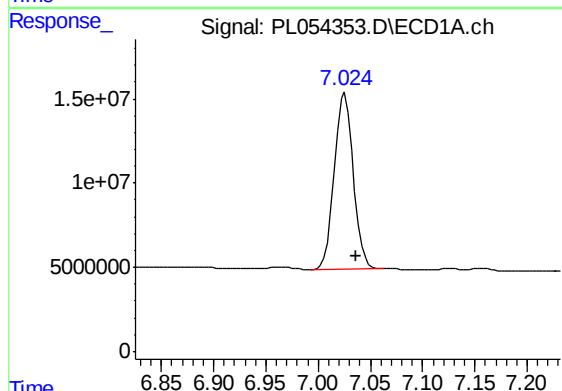
R.T.: 6.770 min
Delta R.T.: -0.011 min
Response: 226638136
Conc: 22.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
4-(10-12)MSD



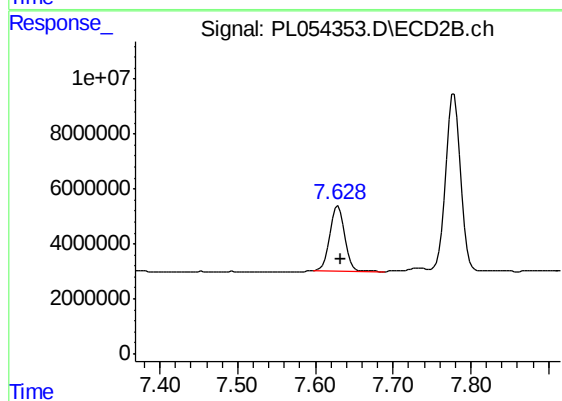
#19 Endosulfan Sulfate

R.T.: 7.307 min
Delta R.T.: -0.004 min
Response: 55055031
Conc: 22.44 ng/ml



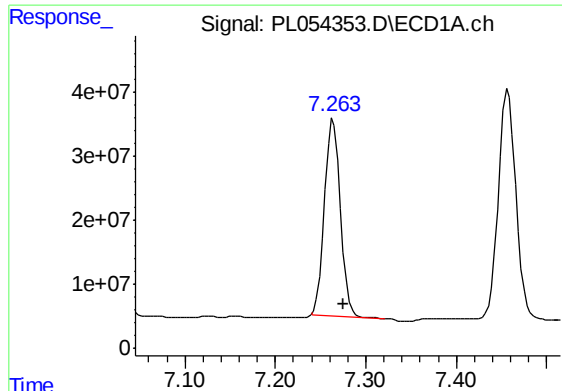
#20 Methoxychlor

R.T.: 7.026 min
Delta R.T.: -0.011 min
Response: 131930206
Conc: 26.76 ng/ml



#20 Methoxychlor

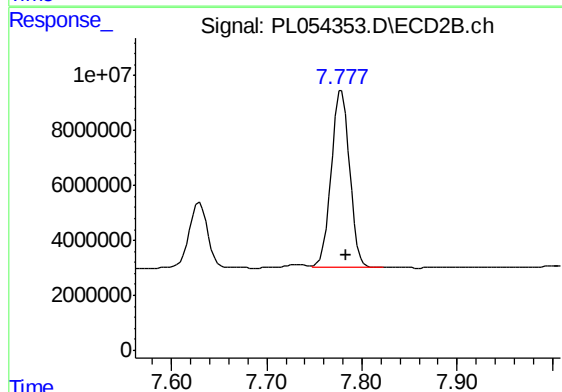
R.T.: 7.629 min
Delta R.T.: -0.004 min
Response: 31439215
Conc: 24.20 ng/ml



#21 Endrin ketone

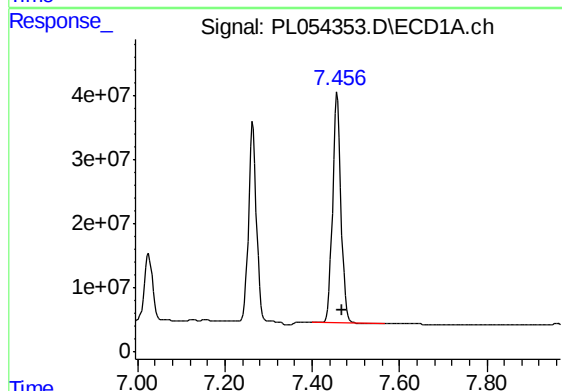
R.T.: 7.264 min
Delta R.T.: -0.011 min
Response: 377529235
Conc: 35.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
4-(10-12)MSD



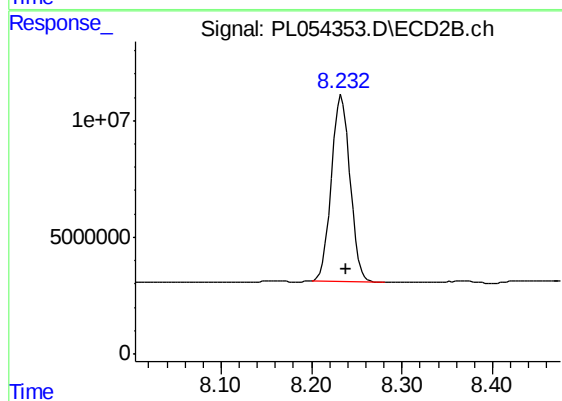
#21 Endrin ketone

R.T.: 7.778 min
Delta R.T.: -0.005 min
Response: 87014307
Conc: 33.75 ng/ml



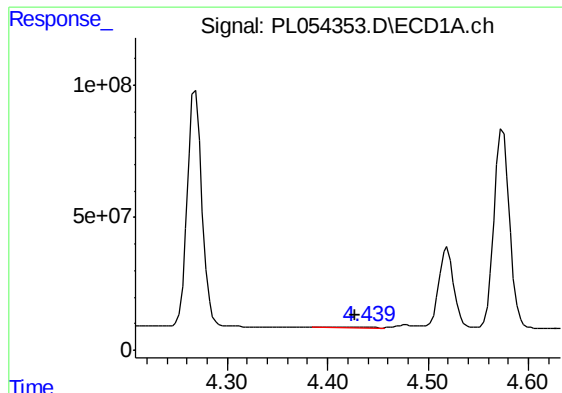
#22 Mirex

R.T.: 7.457 min
Delta R.T.: -0.012 min
Response: 492520407
Conc: 57.58 ng/ml



#22 Mirex

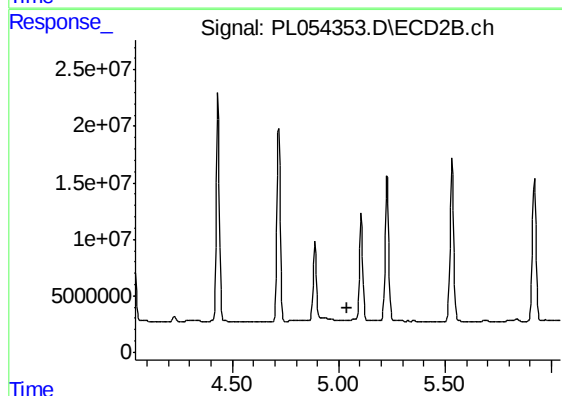
R.T.: 8.234 min
Delta R.T.: -0.005 min
Response: 113899717
Conc: 56.30 ng/ml



#23 Chlordane-1

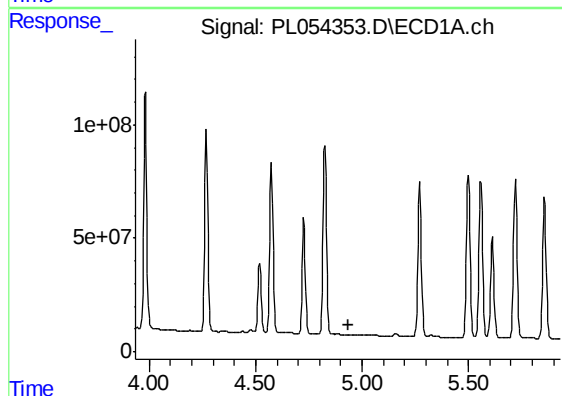
R.T.: 4.439 min
Delta R.T.: 0.012 min
Response: 7079068
Conc: 19.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
4-(10-12)MSD



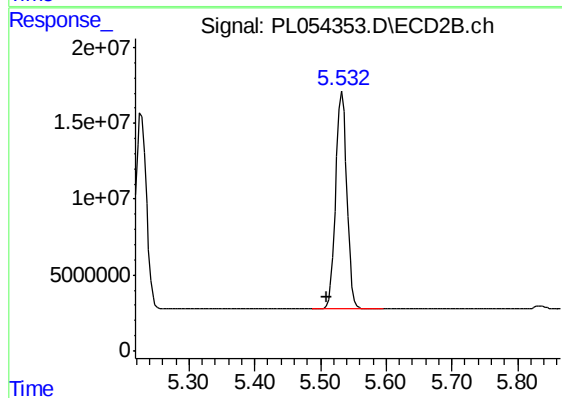
#23 Chlordane-1

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



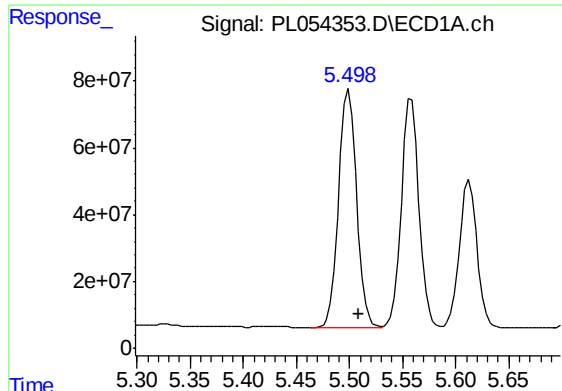
#24 Chlordane-2

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



#24 Chlordane-2

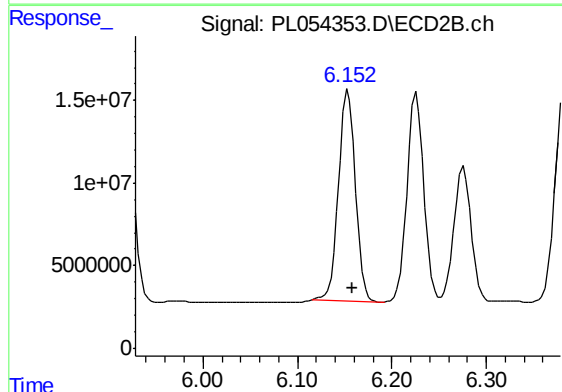
R.T.: 5.533 min
Delta R.T.: 0.023 min
Response: 168832755
Conc: 1718.90 ng/ml



#25 Chlordane-3

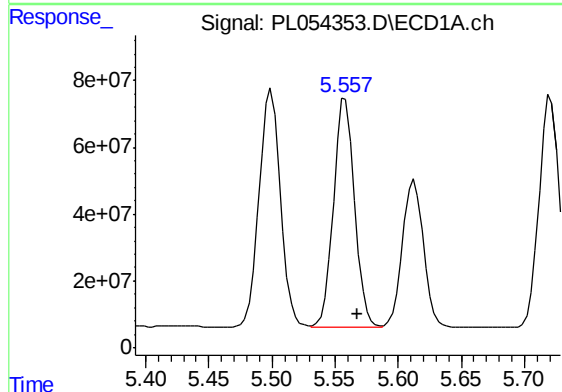
R.T.: 5.500 min
Delta R.T.: -0.009 min
Response: 834504322
Conc: 723.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
4-(10-12)MSD



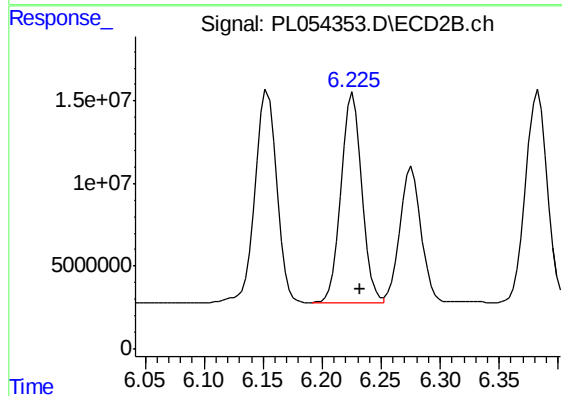
#25 Chlordane-3

R.T.: 6.154 min
Delta R.T.: -0.004 min
Response: 157307009
Conc: 430.71 ng/ml



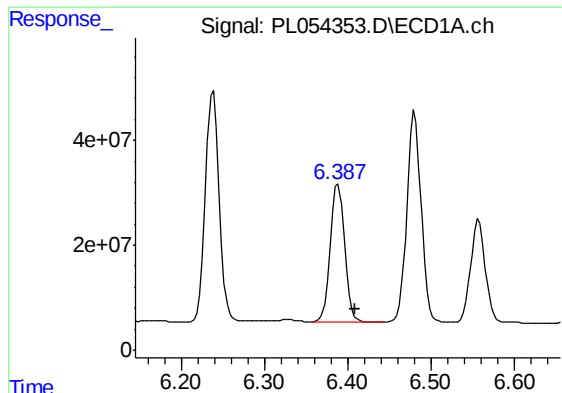
#26 Chlordane-4

R.T.: 5.558 min
Delta R.T.: -0.009 min
Response: 797885619
Conc: 851.12 ng/ml



#26 Chlordane-4

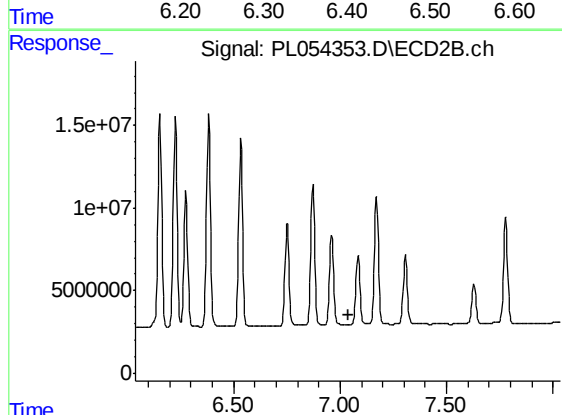
R.T.: 6.226 min
Delta R.T.: -0.006 min
Response: 157544184
Conc: 350.93 ng/ml



#27 Chlordane-5

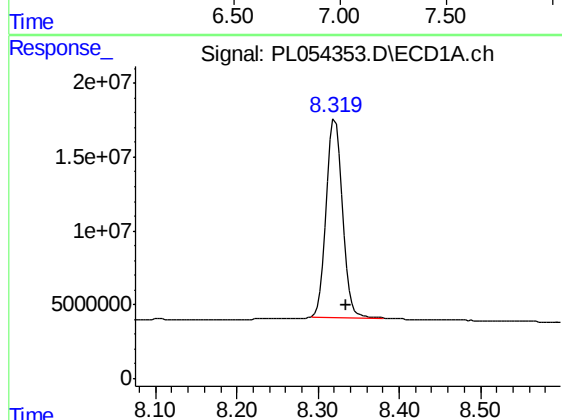
R.T.: 6.389 min
Delta R.T.: -0.020 min
Response: 316074184
Conc: 864.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
4-(10-12)MSD



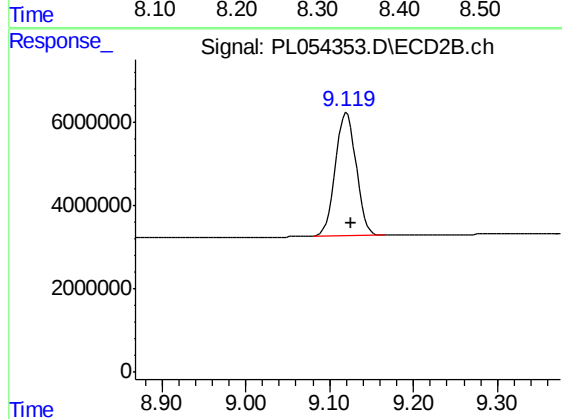
#27 Chlordane-5

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



#28 Decachlorobiphenyl

R.T.: 8.321 min
Delta R.T.: -0.013 min
Response: 184304336
Conc: 18.78 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.121 min
Delta R.T.: -0.006 min
Response: 50945497
Conc: 18.09 ng/ml