

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL073019\
 Data File : PL050910.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 31 Jul 2019 01:45
 Operator : SM\AJ
 Sample : K4049-05
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SP-5

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 31 03:29:30 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071719.M
 Quant Title : GC Extractables
 QLast Update : Fri Jul 19 01:19:13 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...	3.317	3.928	115.9E6	30693226	11.535	10.757
28)	SA Decachlor...	7.977	8.957	127.5E6	38552541	12.594	13.633
Target Compounds							
2)	A alpha-BHC	3.765f	4.343f	33545642	26642680	2.002	6.457 #
3)	MA gamma-BHC...	4.000f	4.626f	13958205	16690553	0.907	4.309 #
4)	MA Heptachlor	4.316	0.000	131.0E6	0	7.982	N.D. #
5)	MB Aldrin	4.555	5.403	147.1E6	3386383	9.497	0.899 #
6)	B beta-BHC	4.278	0.000	2790959	0	0.426	N.D. #
7)	B delta-BHC	4.472	4.996	113.7E6	11252692	6.930	2.909 #
8)	B Heptachlo...	5.004f	5.783	39719974	174.7E6	2.689	45.667 #
9)	A Endosulfan I	5.332f	6.129f	46731912	13630348	3.213	3.964
10)	B gamma-Chl...	5.223f	6.041f	652.1E6	124.0E6	41.318	33.555
11)	B alpha-Chl...	5.264	6.096	103.0E6	13068164	6.750	3.566 #
12)	B 4,4'-DDE	5.422	6.254	-46473990	182.6E6	N.D.	50.681
13)	MA Dieldrin	5.545	6.395	1031.8E6	34043589	66.585	9.614 #
14)	MA Endrin	5.801	6.614	-528799840	313.3E6	N.D.	101.028
15)	B Endosulfa...	6.059f	6.814f	468.2E6	3137865	33.452	0.987 #
16)	A 4,4'-DDD	5.926	6.750	-12780735	261.7E6	N.D.	98.272
17)	MA 4,4'-DDT	6.163	0.000	1670.2E6	0	134.851	N.D. #
18)	B Endrin al...	6.255	6.960	70596176	16205514	6.119	5.963
19)	B Endosulfa...	6.444	0.000	83010765	0	6.516	N.D. #
20)	A Methoxychlor	6.691f	0.000	347.6E6	0	55.717	N.D. #
21)	B Endrin ke...	6.961f	0.000	37251070	0	2.724	N.D. #
22)	Mirex	0.000	8.123f	0	4888053	N.D.	2.128 #
23)	Chlordane-1	4.157	4.911	6327059	4357951	17.195	40.169 #
24)	Chlordane-2	4.651	5.403f	5270823	3386383	11.776	28.832 #
25)	Chlordane-3	5.223f	6.041	652.1E6	124.0E6	465.881	257.799 #
26)	Chlordane-4	5.264	6.096	103.0E6	13068164	78.077	22.496 #
27)	Chlordane-5	6.059f	6.922f	468.2E6	-54453228	921.671	N.D. #

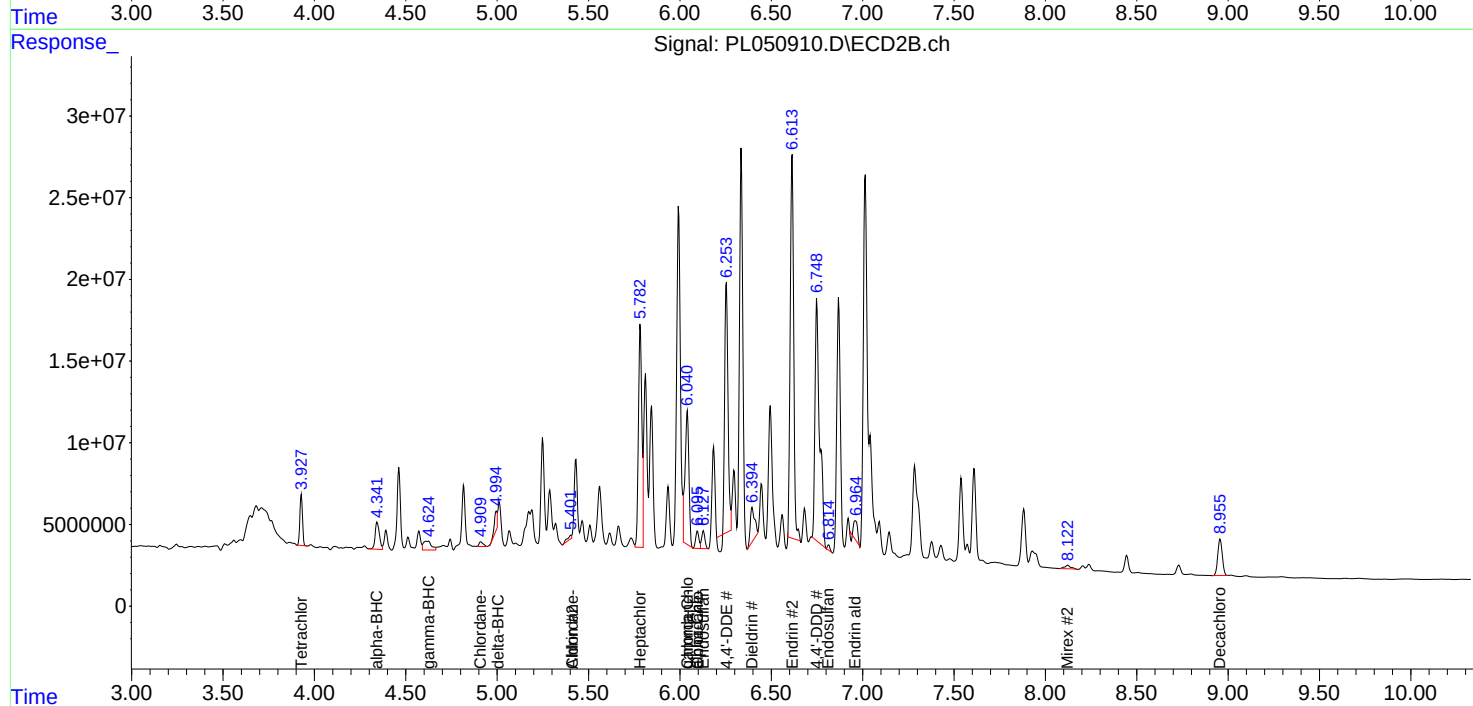
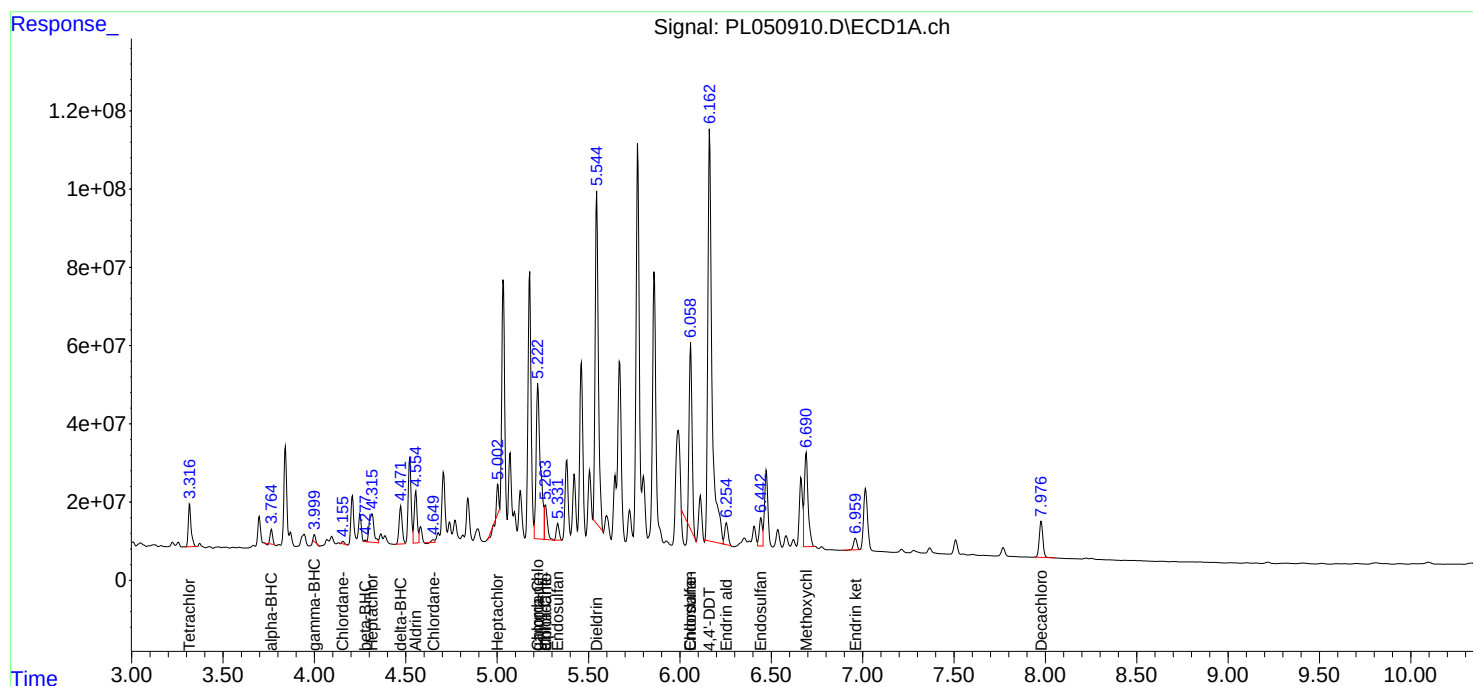
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

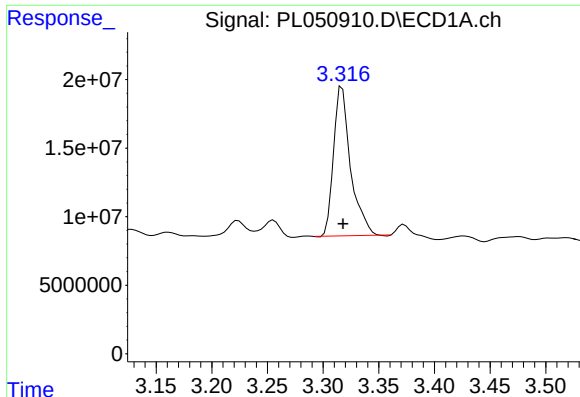
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL073019\
Data File : PL050910.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Jul 2019 01:45
Operator : SM\AJ
Sample : K4049-05
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
SP-5

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 31 03:29:30 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071719.M
Quant Title : GC Extractables
QLast Update : Fri Jul 19 01:19:13 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

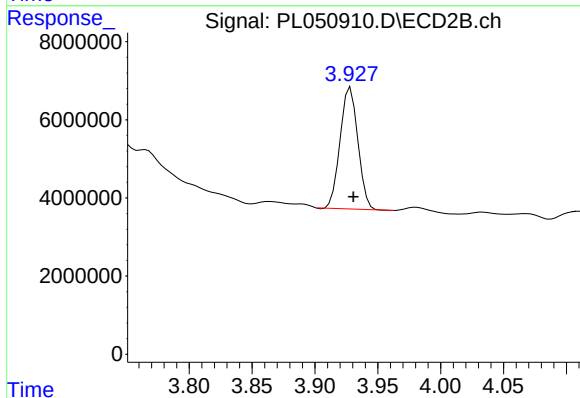




#1 Tetrachloro-m-xylene

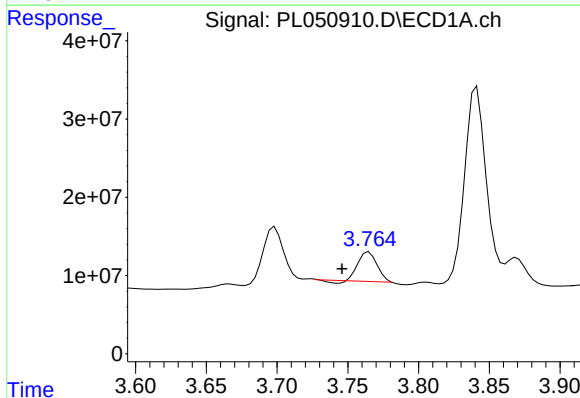
R.T.: 3.317 min
Delta R.T.: 0.000 min
Response: 115901587
Conc: 11.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-5



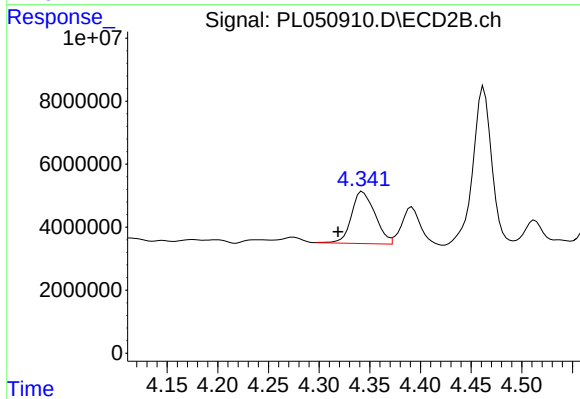
#1 Tetrachloro-m-xylene

R.T.: 3.928 min
Delta R.T.: -0.002 min
Response: 30693226
Conc: 10.76 ng/ml



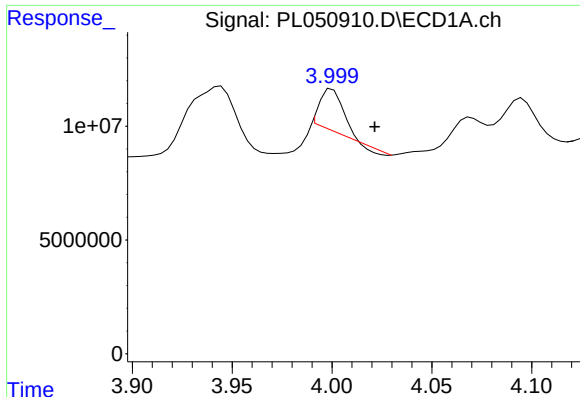
#2 alpha-BHC

R.T.: 3.765 min
Delta R.T.: 0.019 min
Response: 33545642
Conc: 2.00 ng/ml



#2 alpha-BHC

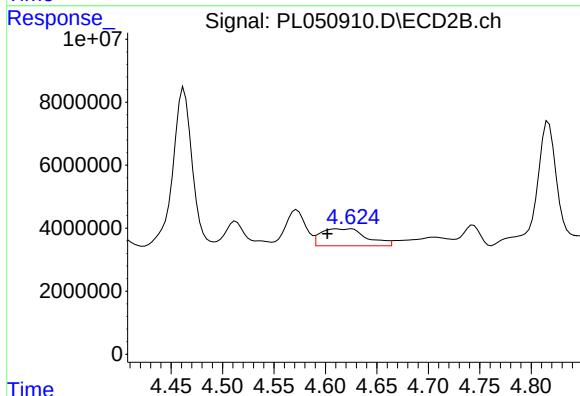
R.T.: 4.343 min
Delta R.T.: 0.024 min
Response: 26642680
Conc: 6.46 ng/ml



#3 gamma-BHC (Lindane)

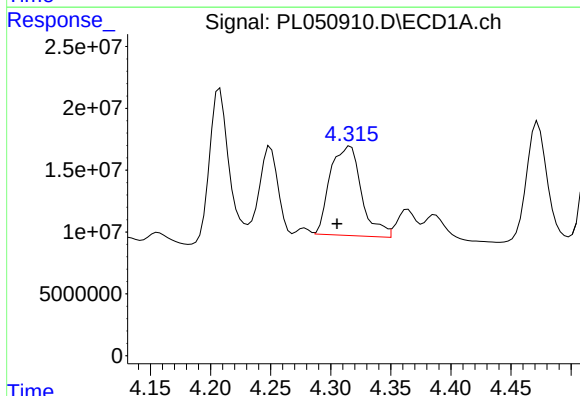
R.T.: 4.000 min
Delta R.T.: -0.021 min
Response: 13958205
Conc: 0.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-5



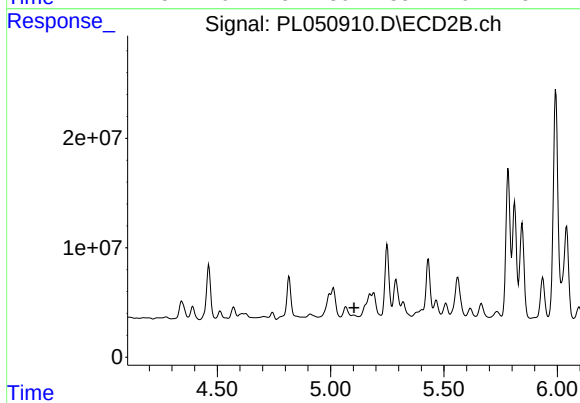
#3 gamma-BHC (Lindane)

R.T.: 4.626 min
Delta R.T.: 0.024 min
Response: 16690553
Conc: 4.31 ng/ml



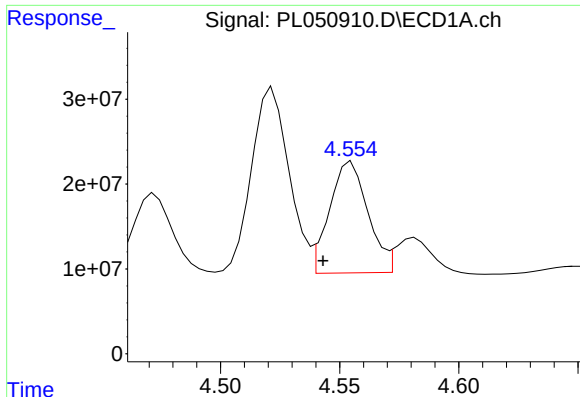
#4 Heptachlor

R.T.: 4.316 min
Delta R.T.: 0.011 min
Response: 130966634
Conc: 7.98 ng/ml



#4 Heptachlor

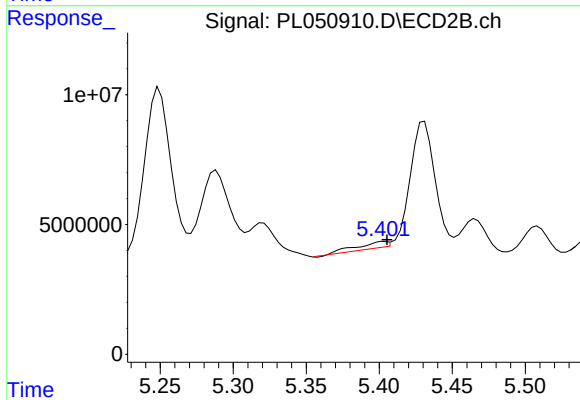
R.T.: 0.000 min
Exp R.T.: 5.104 min
Response: 0
Conc: N.D.



#5 Aldrin

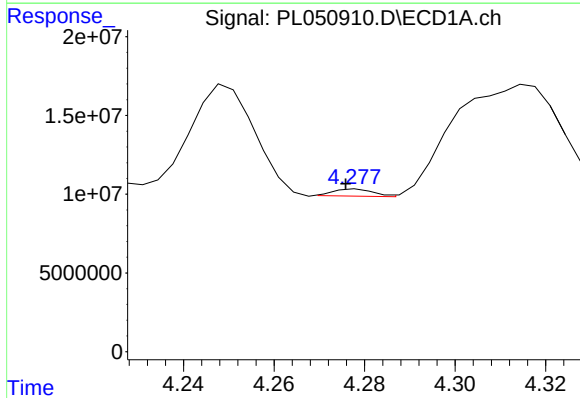
R.T.: 4.555 min
Delta R.T.: 0.012 min
Response: 147116868
Conc: 9.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-5



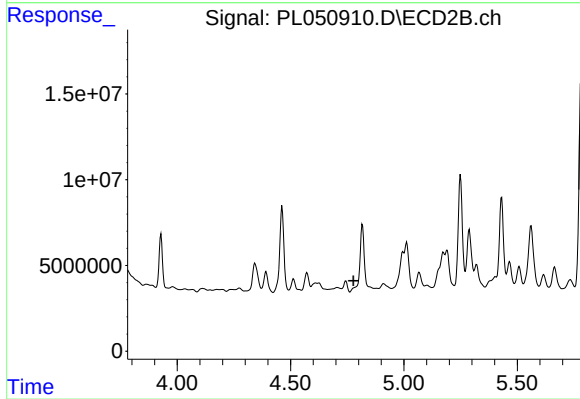
#5 Aldrin

R.T.: 5.403 min
Delta R.T.: -0.002 min
Response: 3386383
Conc: 0.90 ng/ml



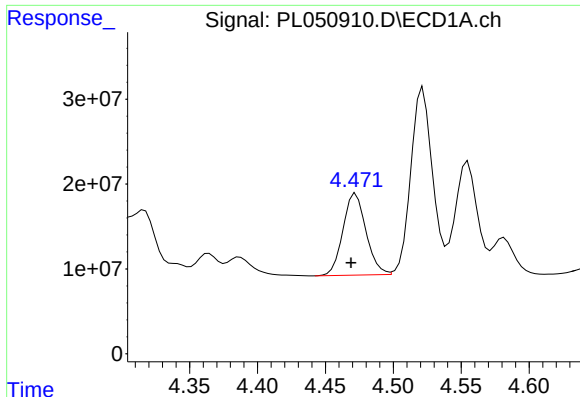
#6 beta-BHC

R.T.: 4.278 min
Delta R.T.: 0.003 min
Response: 2790959
Conc: 0.43 ng/ml



#6 beta-BHC

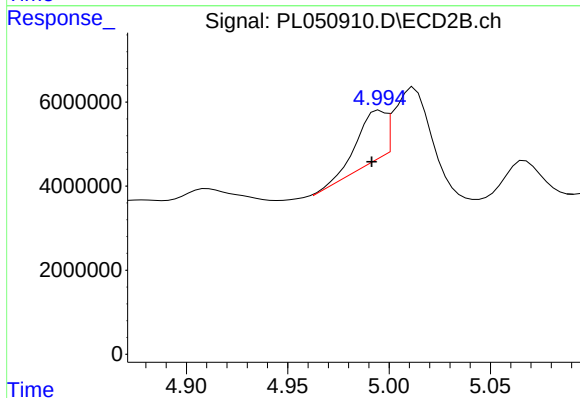
R.T.: 0.000 min
Exp R.T.: 4.778 min
Response: 0
Conc: N.D.



#7 delta-BHC

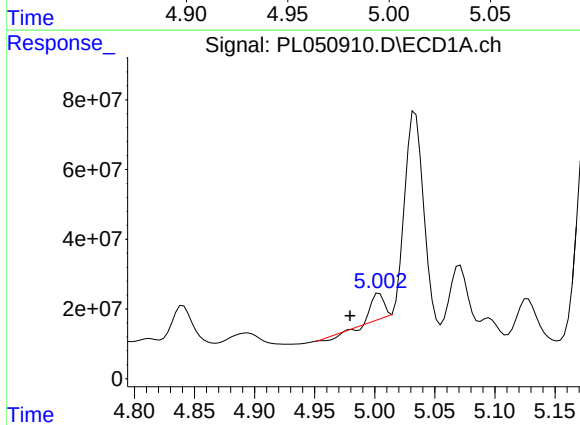
R.T.: 4.472 min
Delta R.T.: 0.004 min
Response: 113714371
Conc: 6.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-5



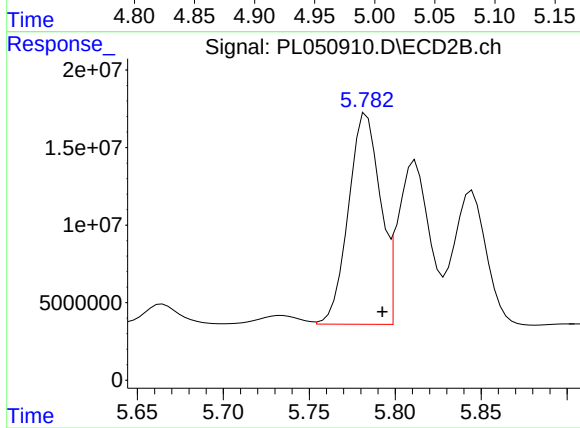
#7 delta-BHC

R.T.: 4.996 min
Delta R.T.: 0.004 min
Response: 11252692
Conc: 2.91 ng/ml



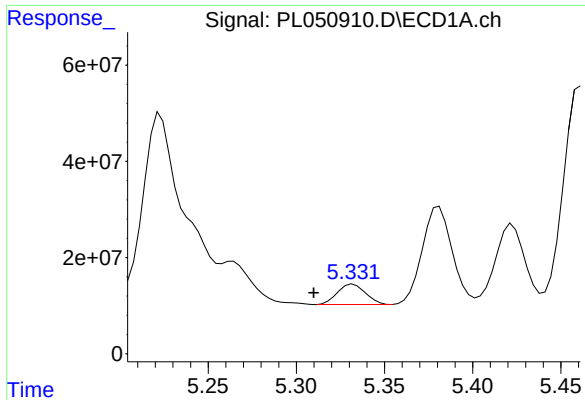
#8 Heptachlor epoxide

R.T.: 5.004 min
Delta R.T.: 0.024 min
Response: 39719974
Conc: 2.69 ng/ml



#8 Heptachlor epoxide

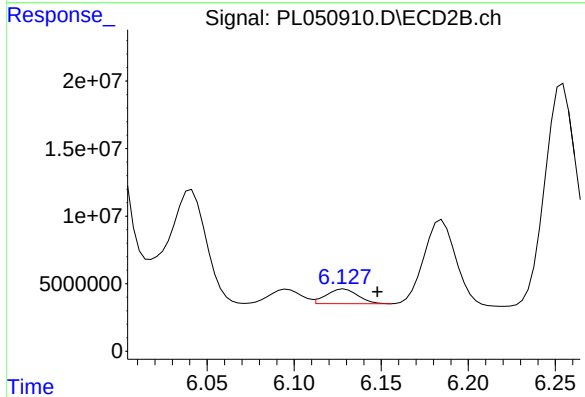
R.T.: 5.783 min
Delta R.T.: -0.009 min
Response: 174669623
Conc: 45.67 ng/ml



#9 Endosulfan I

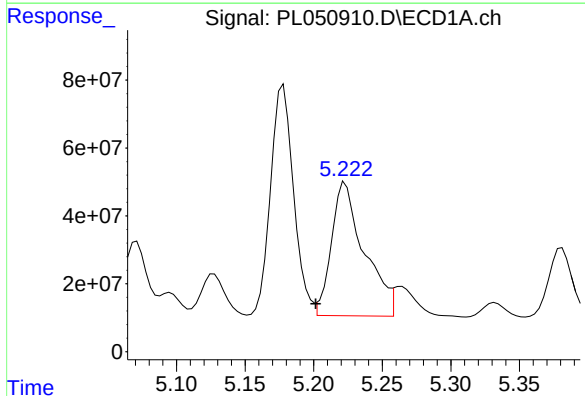
R.T.: 5.332 min
Delta R.T.: 0.022 min
Response: 46731912
Conc: 3.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-5



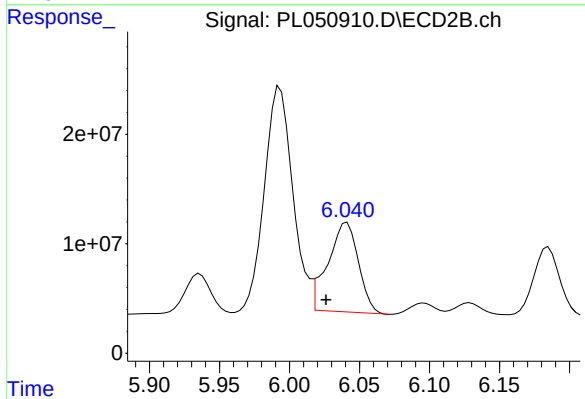
#9 Endosulfan I

R.T.: 6.129 min
Delta R.T.: -0.019 min
Response: 13630348
Conc: 3.96 ng/ml



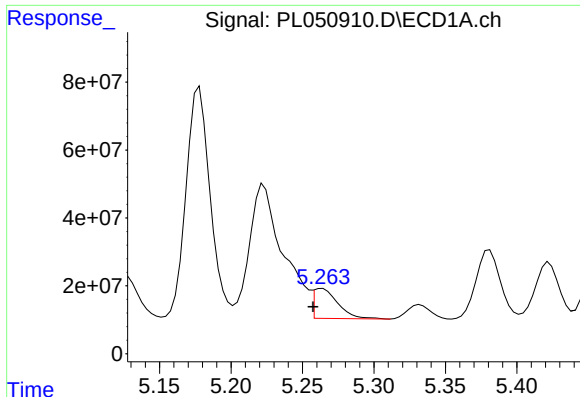
#10 gamma-Chlordane

R.T.: 5.223 min
Delta R.T.: 0.021 min
Response: 652134550
Conc: 41.32 ng/ml



#10 gamma-Chlordane

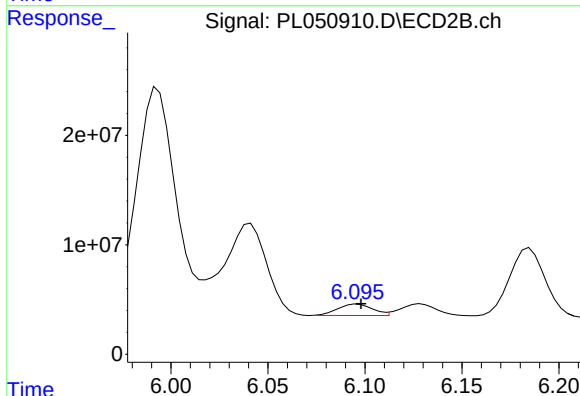
R.T.: 6.041 min
Delta R.T.: 0.015 min
Response: 123995970
Conc: 33.56 ng/ml



#11 alpha-Chlordane

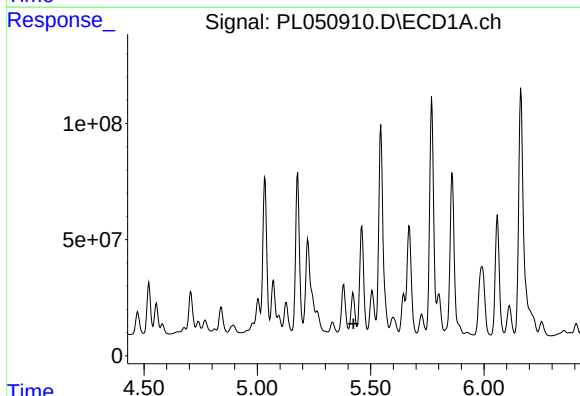
R.T.: 5.264 min
Delta R.T.: 0.006 min
Response: 102981785
Conc: 6.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-5



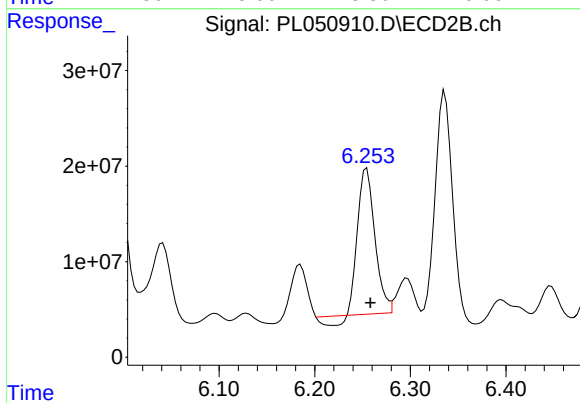
#11 alpha-Chlordane

R.T.: 6.096 min
Delta R.T.: -0.002 min
Response: 13068164
Conc: 3.57 ng/ml



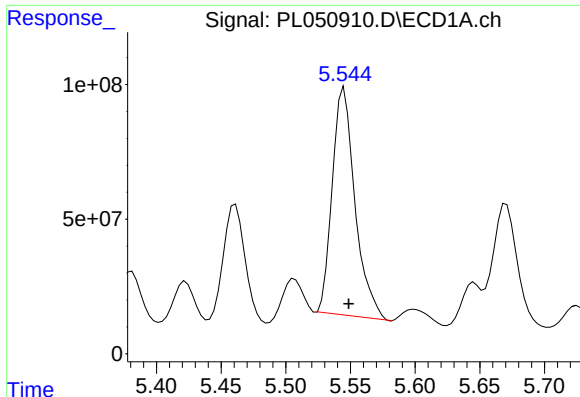
#12 4,4'-DDE

R.T.: 5.422 min
Delta R.T.: -0.002 min
Response: -46473990
Conc: N.D.



#12 4,4'-DDE

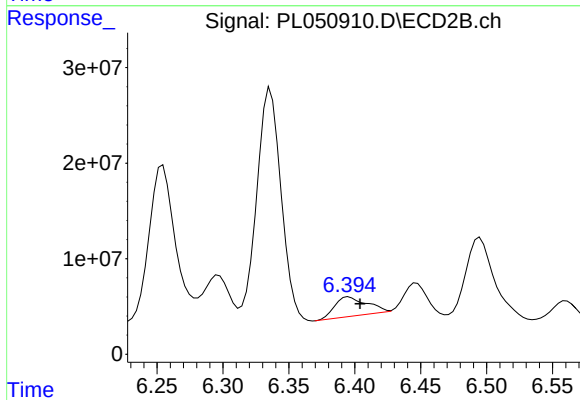
R.T.: 6.254 min
Delta R.T.: -0.004 min
Response: 182623685
Conc: 50.68 ng/ml



#13 Dieldrin

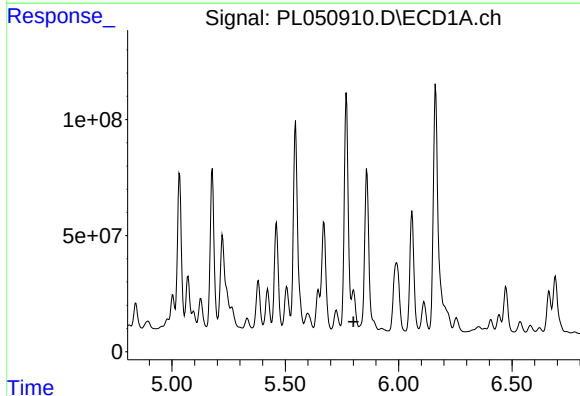
R.T.: 5.545 min
Delta R.T.: -0.003 min
Response: 1031847414
Conc: 66.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-5



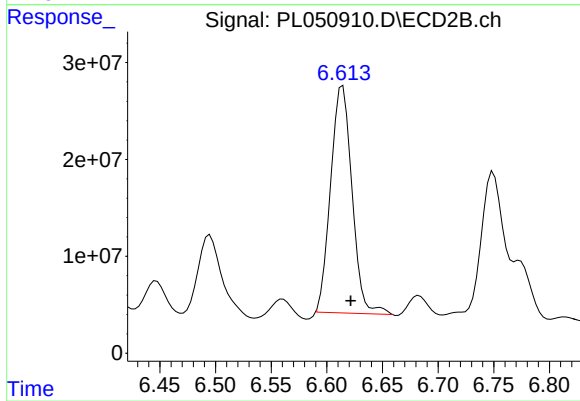
#13 Dieldrin

R.T.: 6.395 min
Delta R.T.: -0.008 min
Response: 34043589
Conc: 9.61 ng/ml



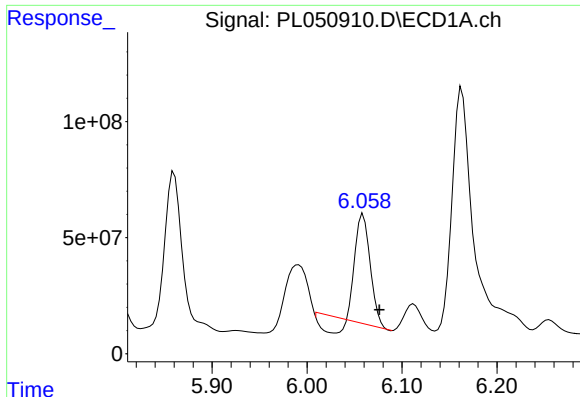
#14 Endrin

R.T.: 5.801 min
Delta R.T.: 0.000 min
Response: -528799840
Conc: N.D.



#14 Endrin

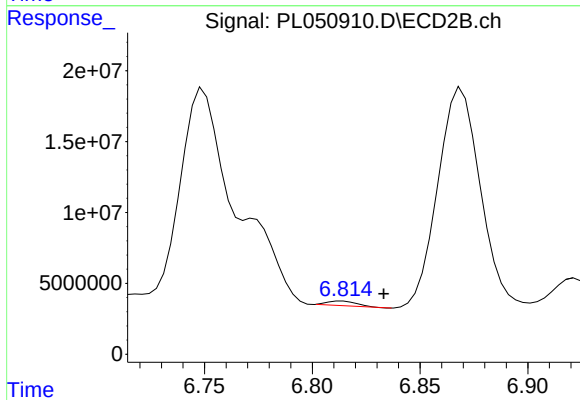
R.T.: 6.614 min
Delta R.T.: -0.007 min
Response: 313332283
Conc: 101.03 ng/ml



#15 Endosulfan II

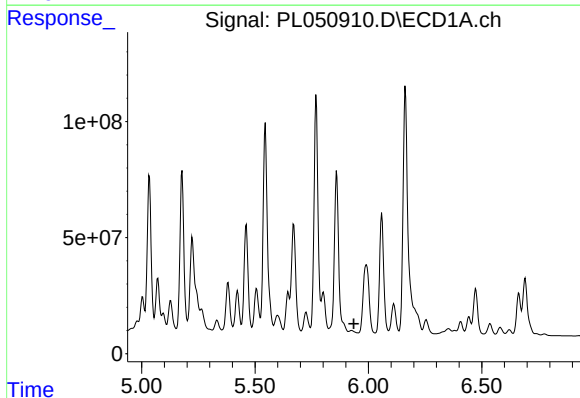
R.T.: 6.059 min
Delta R.T.: -0.017 min
Response: 468150840
Conc: 33.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-5



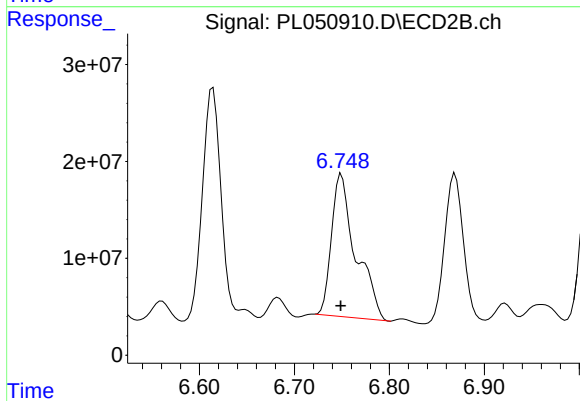
#15 Endosulfan II

R.T.: 6.814 min
Delta R.T.: -0.019 min
Response: 3137865
Conc: 0.99 ng/ml



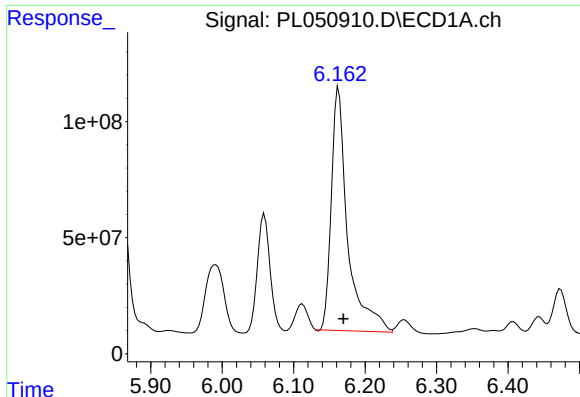
#16 4,4'-DDD

R.T.: 5.926 min
Delta R.T.: -0.009 min
Response: -12780735
Conc: N.D.



#16 4,4'-DDD

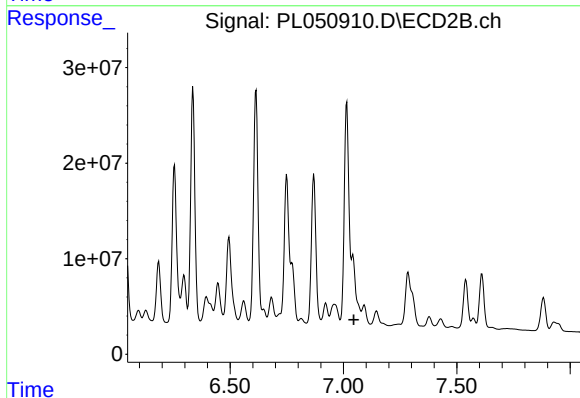
R.T.: 6.750 min
Delta R.T.: 0.000 min
Response: 261688669
Conc: 98.27 ng/ml



#17 4,4'-DDT

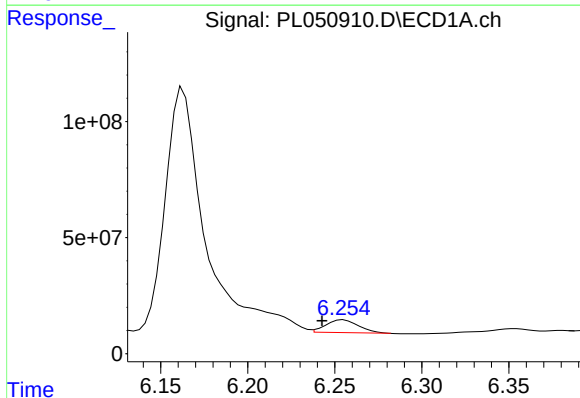
R.T.: 6.163 min
Delta R.T.: -0.007 min
Response: 1670231643
Conc: 134.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-5



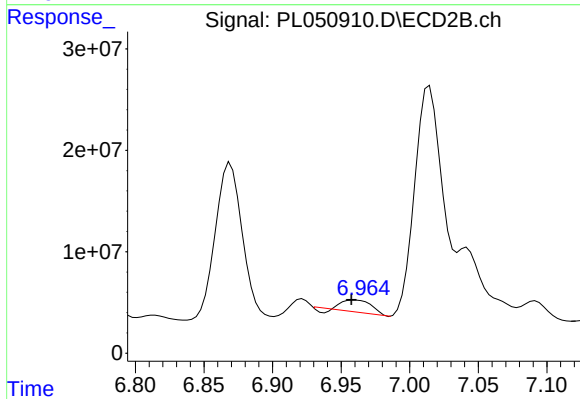
#17 4,4'-DDT

R.T.: 0.000 min
Exp R.T. : 7.046 min
Response: 0
Conc: N.D.



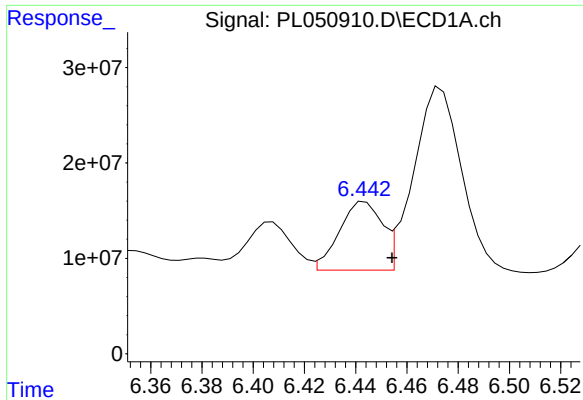
#18 Endrin aldehyde

R.T.: 6.255 min
Delta R.T.: 0.012 min
Response: 70596176
Conc: 6.12 ng/ml



#18 Endrin aldehyde

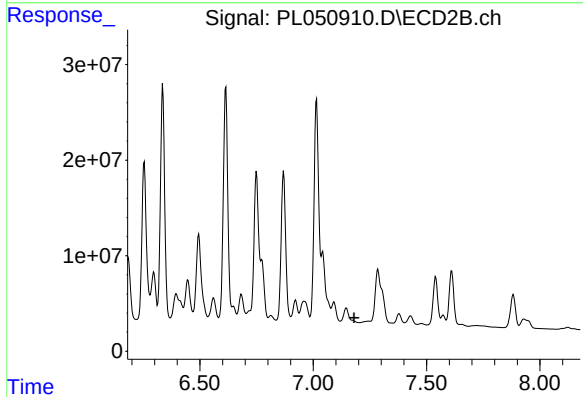
R.T.: 6.960 min
Delta R.T.: 0.003 min
Response: 16205514
Conc: 5.96 ng/ml



#19 Endosulfan Sulfate

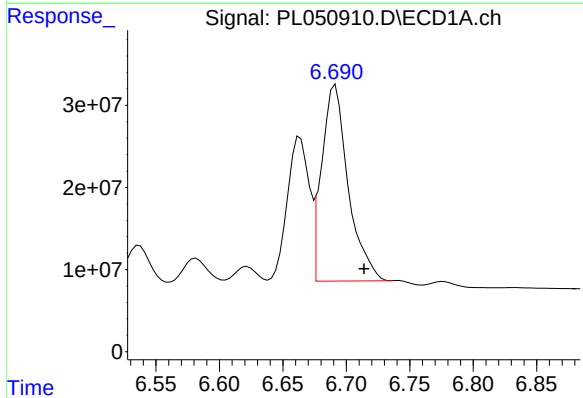
R.T.: 6.444 min
Delta R.T.: -0.010 min
Response: 83010765
Conc: 6.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-5



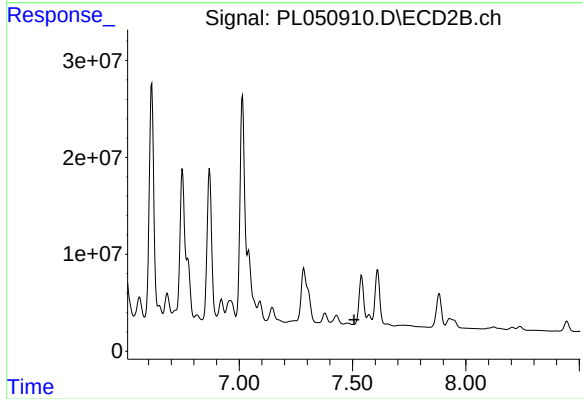
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 7.180 min
Response: 0
Conc: N.D.



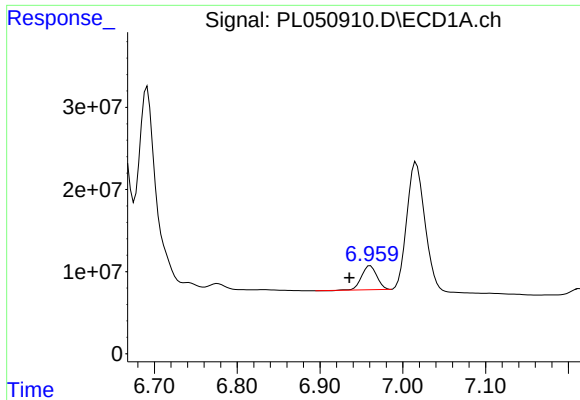
#20 Methoxychlor

R.T.: 6.691 min
Delta R.T.: -0.023 min
Response: 347612804
Conc: 55.72 ng/ml



#20 Methoxychlor

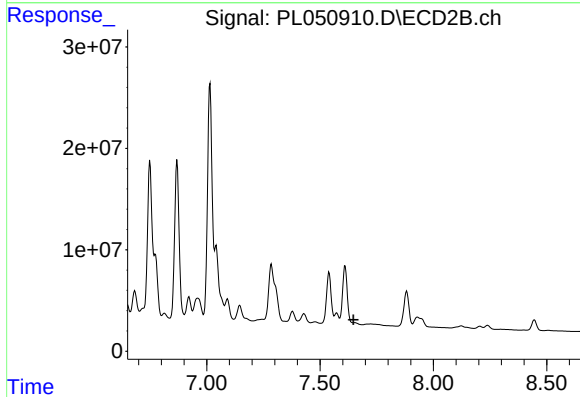
R.T.: 0.000 min
Exp R.T. : 7.507 min
Response: 0
Conc: N.D.



#21 Endrin ketone

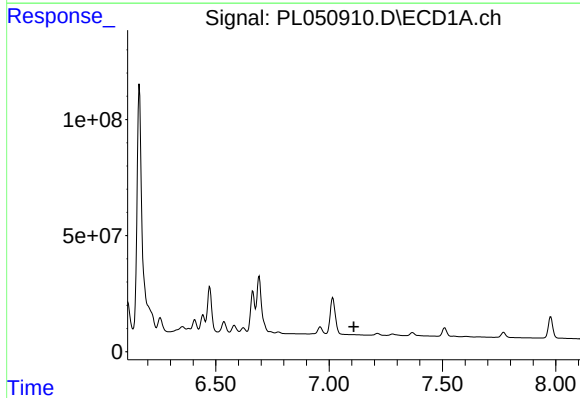
R.T.: 6.961 min
Delta R.T.: 0.025 min
Response: 37251070
Conc: 2.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-5



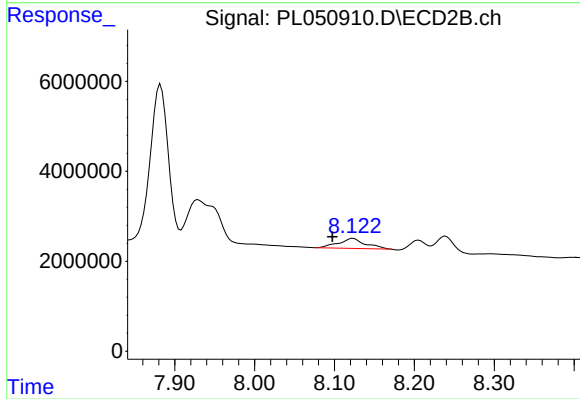
#21 Endrin ketone

R.T.: 0.000 min
Exp R.T. : 7.648 min
Response: 0
Conc: N.D.



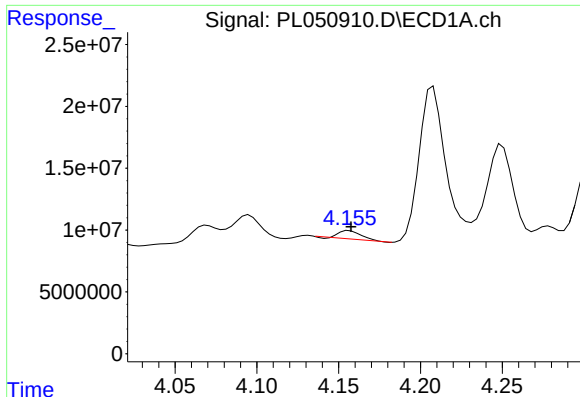
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 7.109 min
Response: 0
Conc: N.D.



#22 Mirex

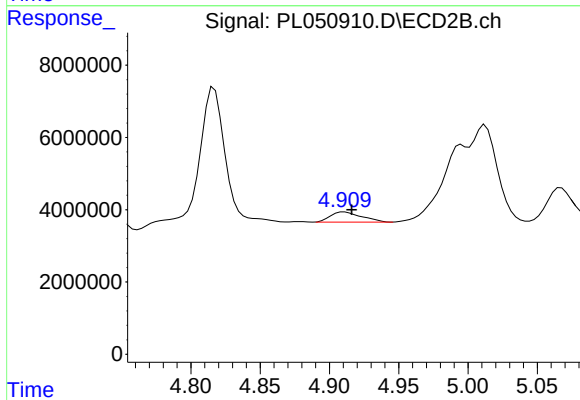
R.T.: 8.123 min
Delta R.T.: 0.026 min
Response: 4888053
Conc: 2.13 ng/ml



#23 Chlordane-1

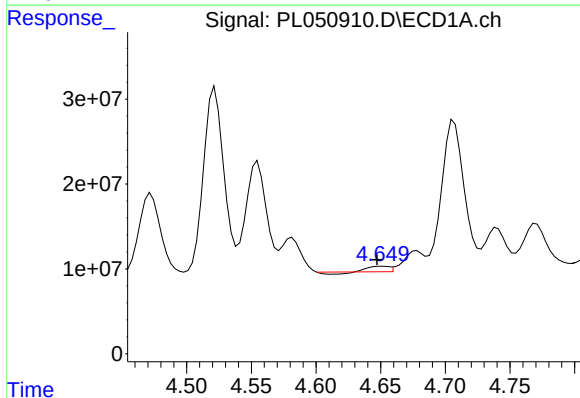
R.T.: 4.157 min
Delta R.T.: 0.000 min
Response: 6327059
Conc: 17.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-5



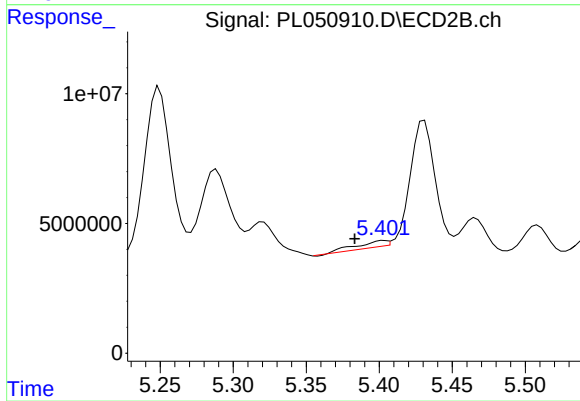
#23 Chlordane-1

R.T.: 4.911 min
Delta R.T.: -0.006 min
Response: 4357951
Conc: 40.17 ng/ml



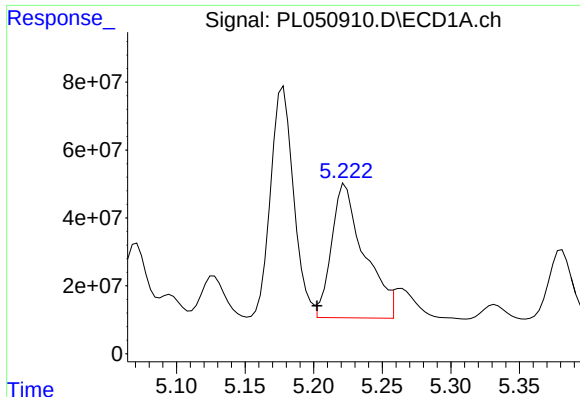
#24 Chlordane-2

R.T.: 4.651 min
Delta R.T.: 0.004 min
Response: 5270823
Conc: 11.78 ng/ml



#24 Chlordane-2

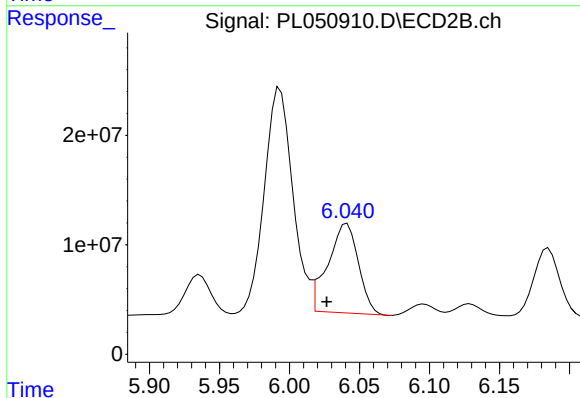
R.T.: 5.403 min
Delta R.T.: 0.020 min
Response: 3386383
Conc: 28.83 ng/ml



#25 Chlordane-3

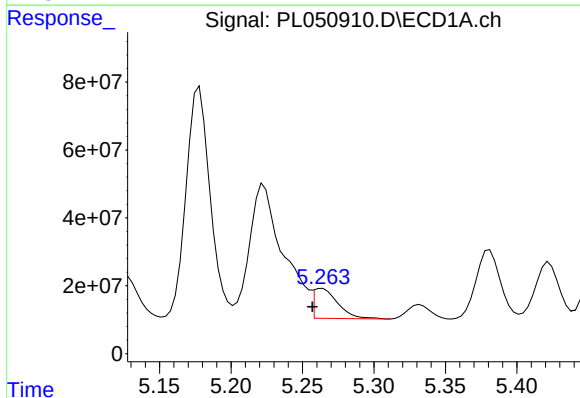
R.T.: 5.223 min
Delta R.T.: 0.021 min
Response: 652134550
Conc: 465.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-5



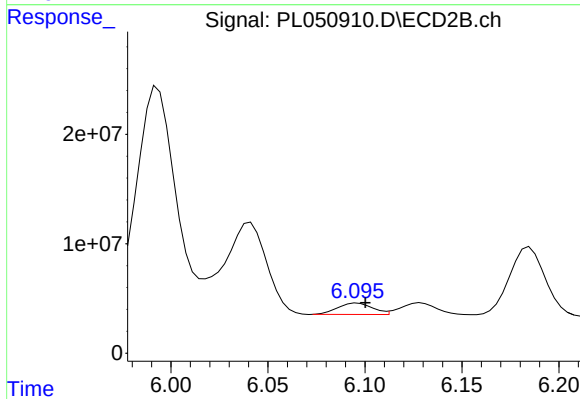
#25 Chlordane-3

R.T.: 6.041 min
Delta R.T.: 0.015 min
Response: 123995970
Conc: 257.80 ng/ml



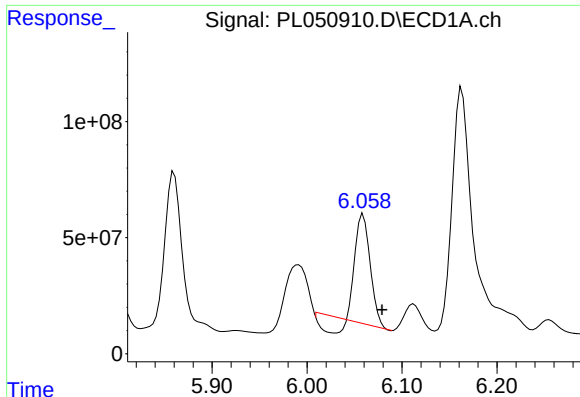
#26 Chlordane-4

R.T.: 5.264 min
Delta R.T.: 0.007 min
Response: 102981785
Conc: 78.08 ng/ml



#26 Chlordane-4

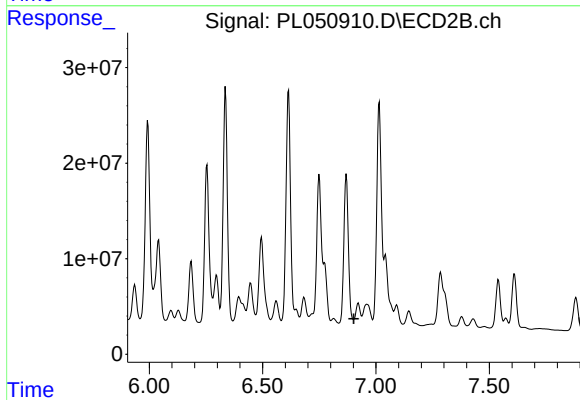
R.T.: 6.096 min
Delta R.T.: -0.004 min
Response: 13068164
Conc: 22.50 ng/ml



#27 Chlordane-5

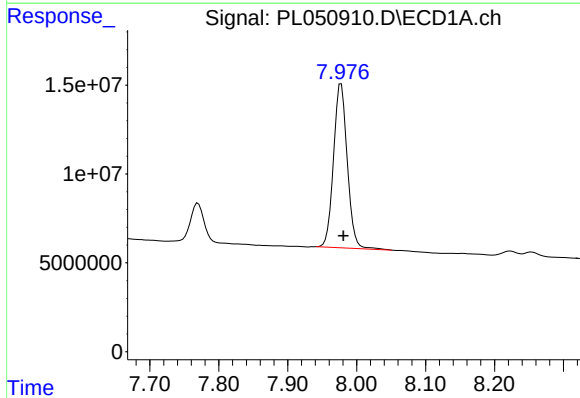
R.T.: 6.059 min
Delta R.T.: -0.020 min
Response: 468150840
Conc: 921.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-5



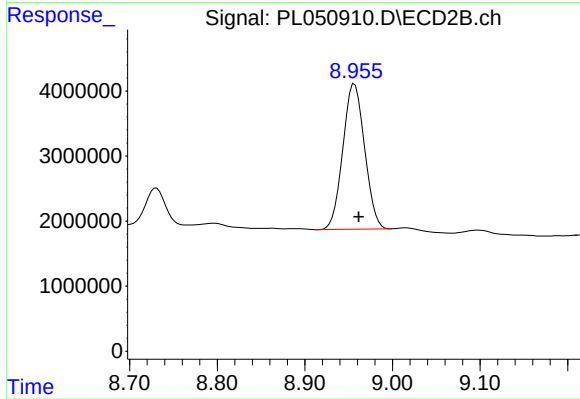
#27 Chlordane-5

R.T.: 6.922 min
Delta R.T.: 0.019 min
Response: -54453228
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 7.977 min
Delta R.T.: -0.003 min
Response: 127519806
Conc: 12.59 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.957 min
Delta R.T.: -0.005 min
Response: 38552541
Conc: 13.63 ng/ml