

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111119\
 Data File : PL054170.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Nov 2019 15:32
 Operator : SG\AJ
 Sample : K5760-07MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 12 00:26:11 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	195.4E6	48593580	18.031	19.419
2)	SA Decachlor...	8.325	9.124	135.5E6	37206270	13.814	13.212
Target Compounds							
2)	A alpha-BHC	3.983	4.435	955.5E6	199.5E6	54.796	57.714
3)	MA gamma-BHC...	4.270	4.721	882.4E6	182.1E6	56.660	56.553
4)	MA Heptachlor	4.577	5.230	866.9E6	166.5E6	54.924	51.687
5)	MB Aldrin	4.828	5.535	754.9E6	149.8E6	52.806	50.247
6)	B beta-BHC	4.521	4.891	353.2E6	77609697	53.595	50.245
7)	B delta-BHC	4.729	5.109	755.0E6	136.2E6	49.602	45.076
8)	B Heptachlo...	5.274	5.922	703.0E6	134.0E6	52.075	45.939
9)	A Endosulfan I	5.616	6.279	637.9E6	128.5E6	51.896	47.403
10)	B gamma-Chl...	5.502	6.156	705.3E6	136.3E6	51.696	46.698
11)	B alpha-Chl...	5.561	6.229	680.8E6	136.6E6	51.177	46.779
12)	B 4,4'-DDE	5.724	6.385	620.2E6	130.8E6	52.196	46.444
13)	MA Dieldrin	5.860	6.536	645.2E6	136.6E6	49.501	47.859
14)	MA Endrin	6.119	6.754	588.1E6	119.0E6	50.741	49.024
15)	B Endosulfa...	6.392	6.963	515.2E6	116.6E6	46.081	45.640
16)	A 4,4'-DDD	6.242	6.875	443.0E6	103.2E6	49.780	49.528
17)	MA 4,4'-DDT	6.484	7.174	466.8E6	109.0E6	47.117	47.154
18)	B Endrin al...	6.560	7.088	398.5E6	98784666	43.465	44.968
19)	B Endosulfa...	6.774	7.310	447.5E6	107.9E6	43.999	43.983
20)	A Methoxychlor	7.030	7.632	235.5E6	58419390	47.772	44.976
21)	B Endrin ke...	7.268	7.782	483.1E6	115.9E6	44.874	44.946
22)	Mirex	7.461	8.236	374.6E6	93976866	43.803	46.453
23)	Chlordane-1	4.433	0.000	4866030	0	13.720	N.D. #
24)	Chlordane-2	0.000	5.535f	0	149.8E6	N.D.	1525.265 #
25)	Chlordane-3	5.502	6.156	705.3E6	136.3E6	611.894	373.066 #
26)	Chlordane-4	5.561	6.229	680.8E6	136.6E6	726.260	304.182 #
27)	Chlordane-5	6.392f	0.000	515.2E6	0	1409.404	N.D. #

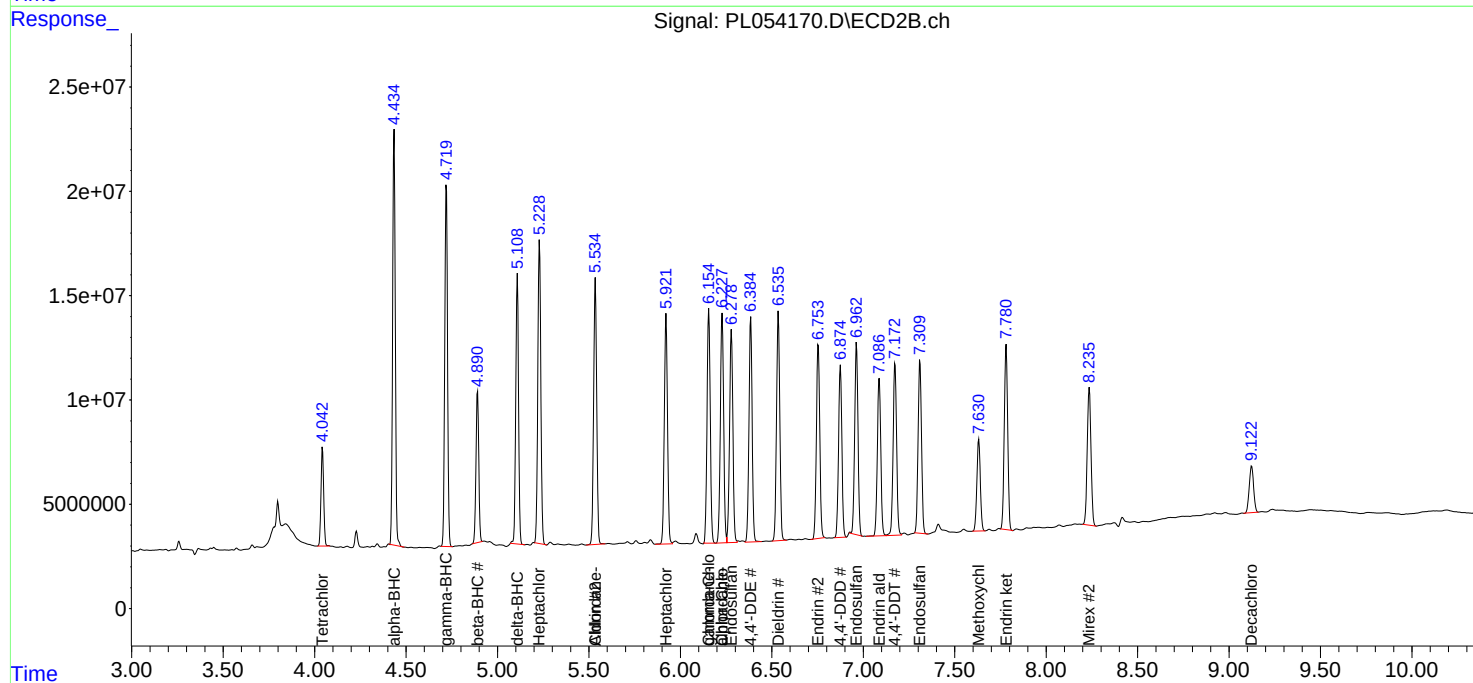
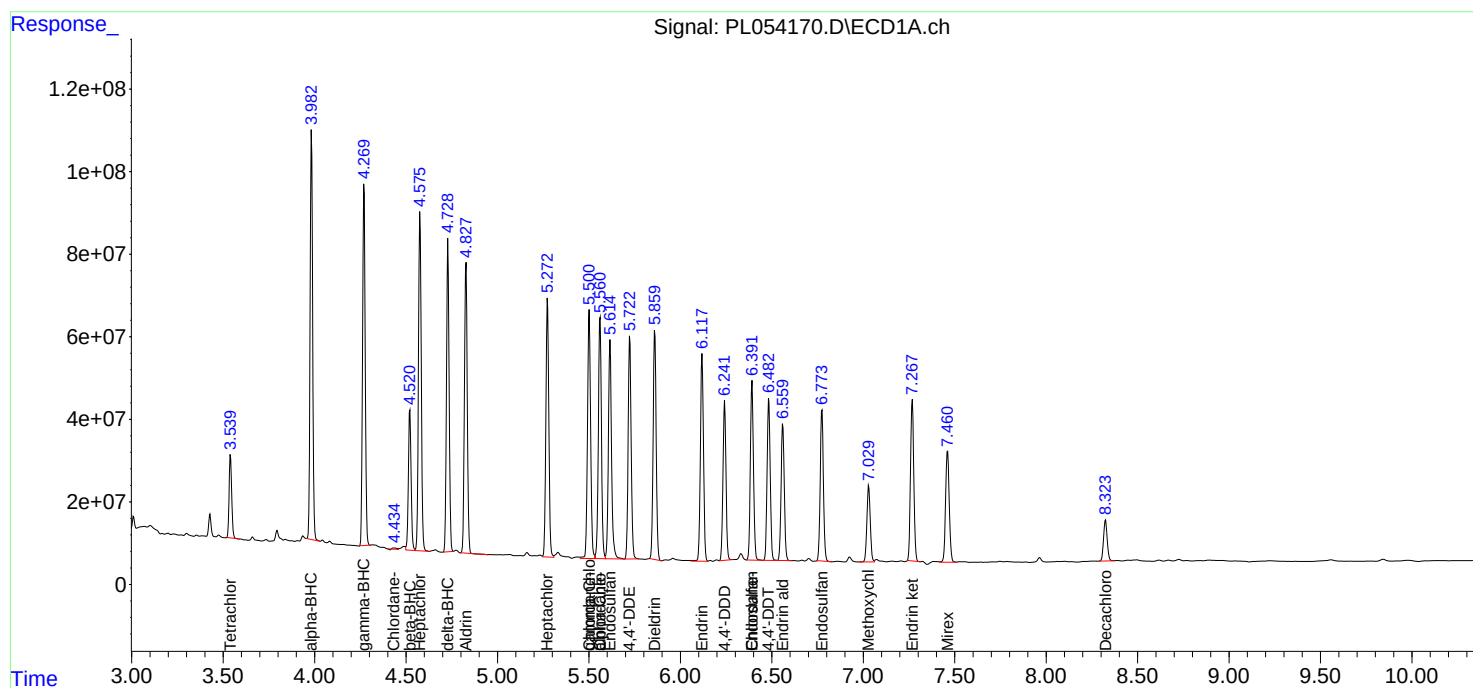
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

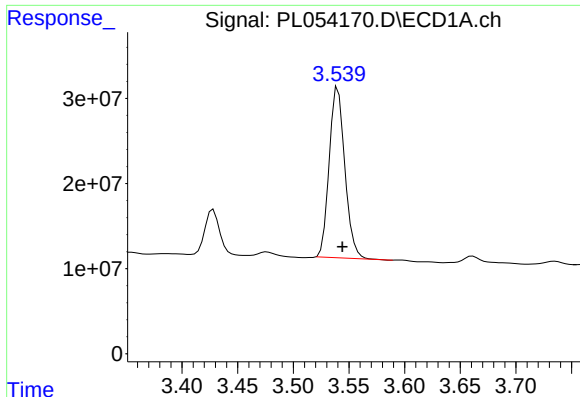
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111119\
Data File : PL054170.D
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ALS Vial : 17 Sample Multiplier: 1

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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

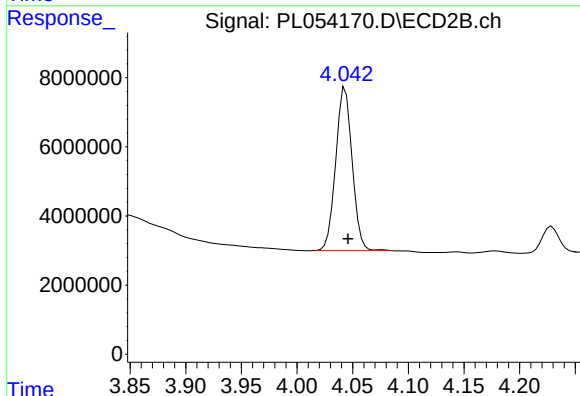




#1 Tetrachloro-m-xylene

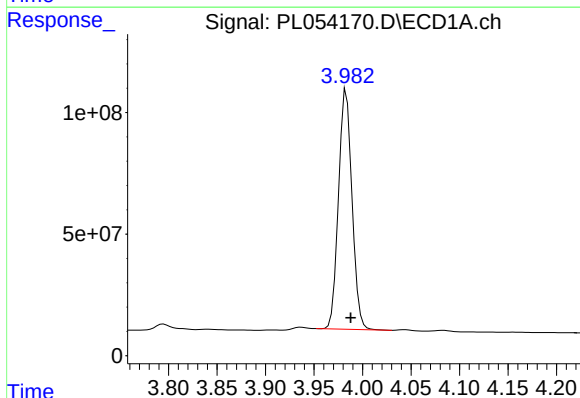
R.T.: 3.540 min
Delta R.T.: -0.004 min
Response: 195441921
Conc: 18.03 ng/ml

Instrument :
ECD_L
ClientSampleId :



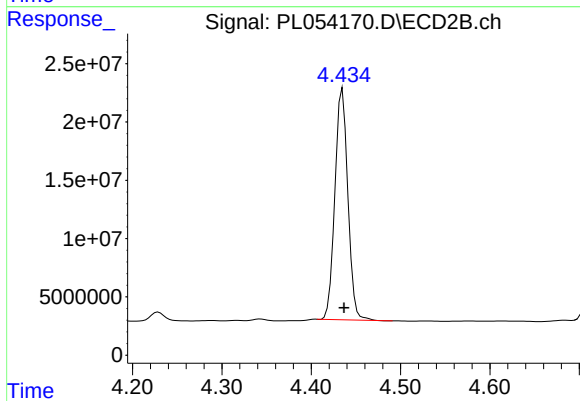
#1 Tetrachloro-m-xylene

R.T.: 4.043 min
Delta R.T.: -0.002 min
Response: 48593580
Conc: 19.42 ng/ml



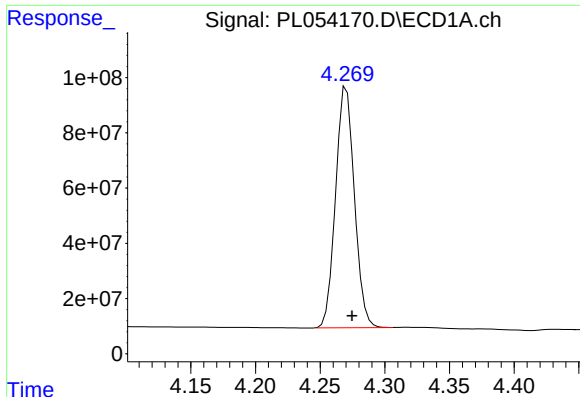
#2 alpha-BHC

R.T.: 3.983 min
Delta R.T.: -0.005 min
Response: 955450835
Conc: 54.80 ng/ml



#2 alpha-BHC

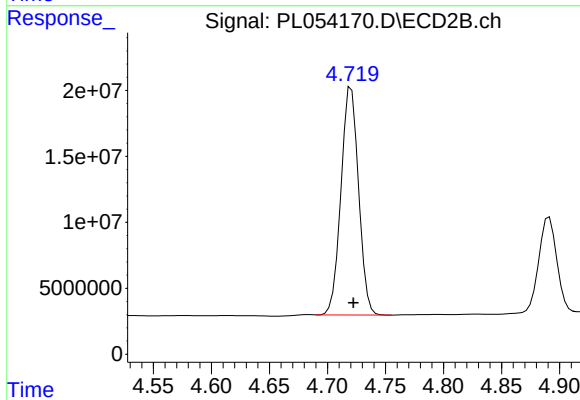
R.T.: 4.435 min
Delta R.T.: -0.002 min
Response: 199522641
Conc: 57.71 ng/ml



#3 gamma-BHC (Lindane)

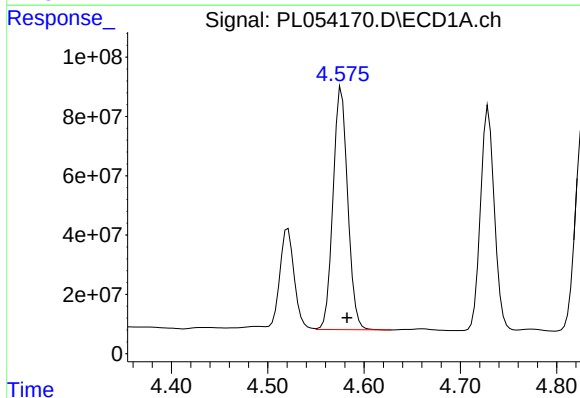
R.T.: 4.270 min
Delta R.T.: -0.004 min
Response: 882404972
Conc: 56.66 ng/ml

Instrument :
ECD_L
ClientSampleId :



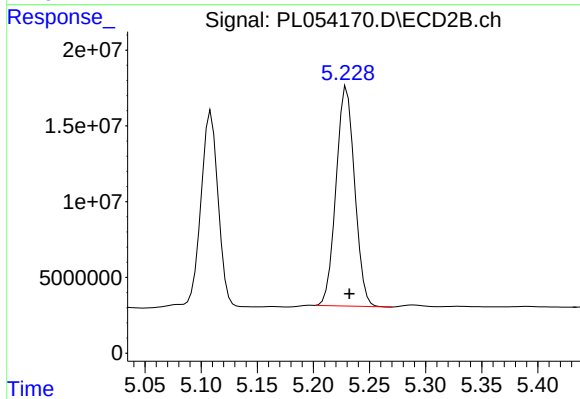
#3 gamma-BHC (Lindane)

R.T.: 4.721 min
Delta R.T.: -0.002 min
Response: 182123439
Conc: 56.55 ng/ml



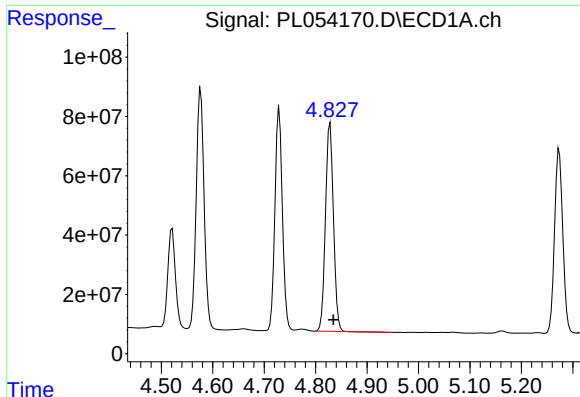
#4 Heptachlor

R.T.: 4.577 min
Delta R.T.: -0.006 min
Response: 866866731
Conc: 54.92 ng/ml



#4 Heptachlor

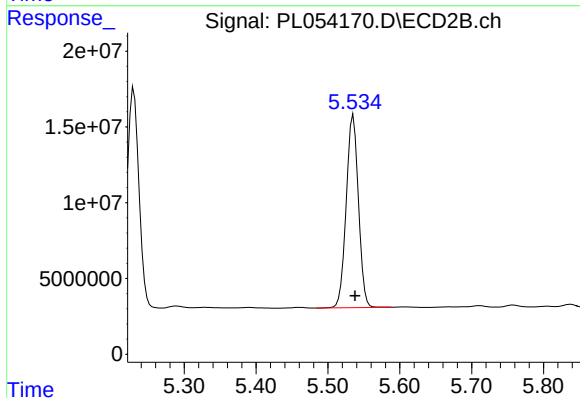
R.T.: 5.230 min
Delta R.T.: -0.002 min
Response: 166545555
Conc: 51.69 ng/ml



#5 Aldrin

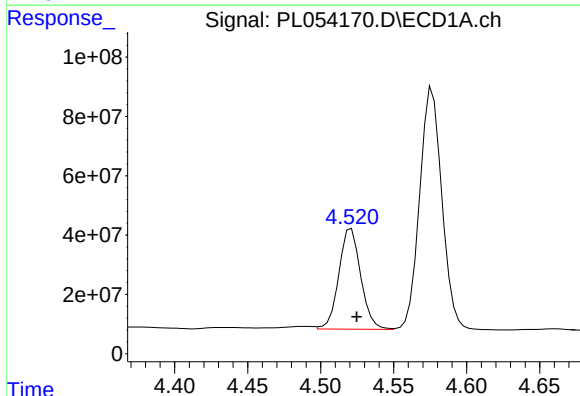
R.T.: 4.828 min
Delta R.T.: -0.006 min
Response: 754905093
Conc: 52.81 ng/ml

Instrument :
ECD_L
ClientSampleId :



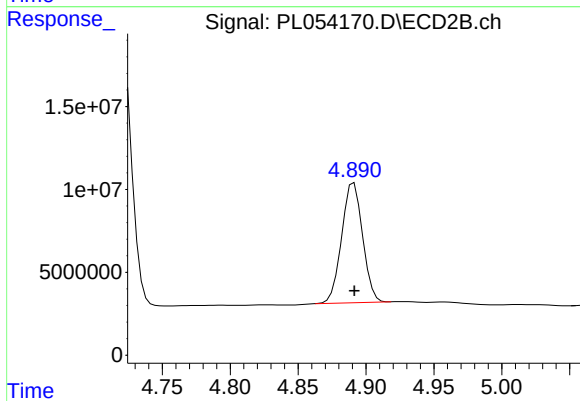
#5 Aldrin

R.T.: 5.535 min
Delta R.T.: -0.002 min
Response: 149813770
Conc: 50.25 ng/ml



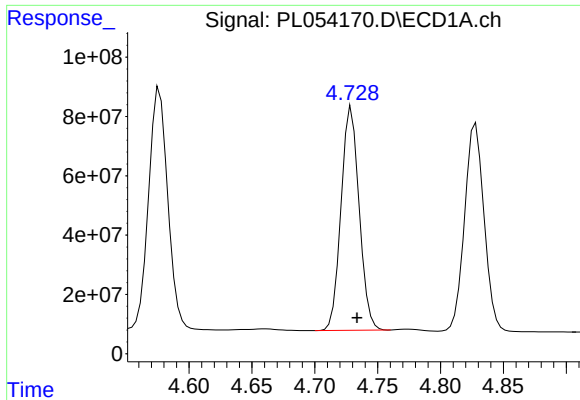
#6 beta-BHC

R.T.: 4.521 min
Delta R.T.: -0.004 min
Response: 353186067
Conc: 53.60 ng/ml



#6 beta-BHC

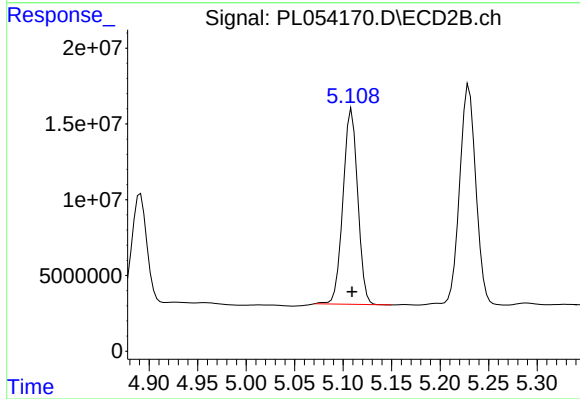
R.T.: 4.891 min
Delta R.T.: 0.000 min
Response: 77609697
Conc: 50.25 ng/ml



#7 delta-BHC

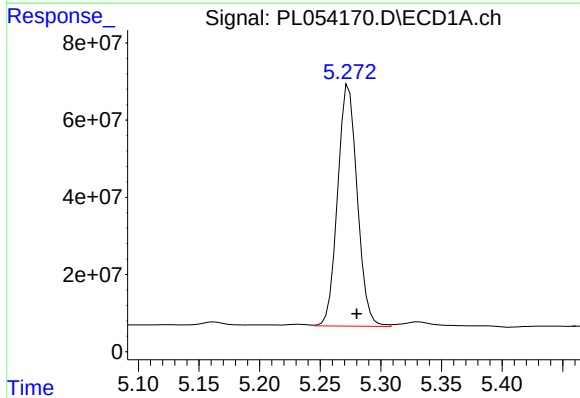
R.T.: 4.729 min
Delta R.T.: -0.004 min
Response: 754992349
Conc: 49.60 ng/ml

Instrument :
ECD_L
ClientSampleId :



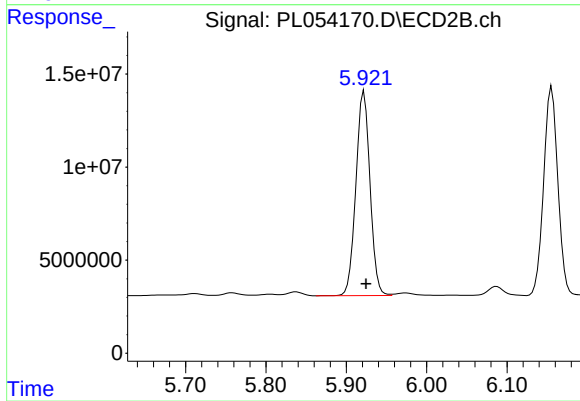
#7 delta-BHC

R.T.: 5.109 min
Delta R.T.: 0.000 min
Response: 136155827
Conc: 45.08 ng/ml



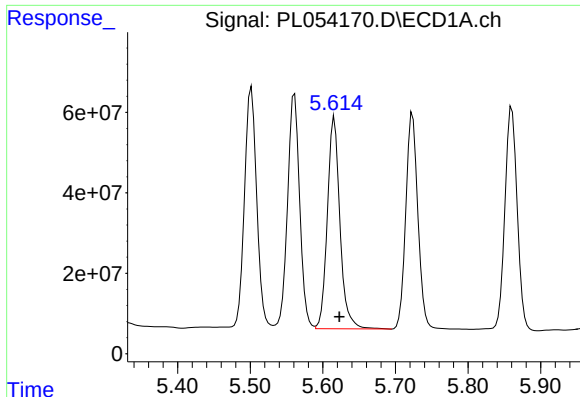
#8 Heptachlor epoxide

R.T.: 5.274 min
Delta R.T.: -0.007 min
Response: 702973459
Conc: 52.08 ng/ml



#8 Heptachlor epoxide

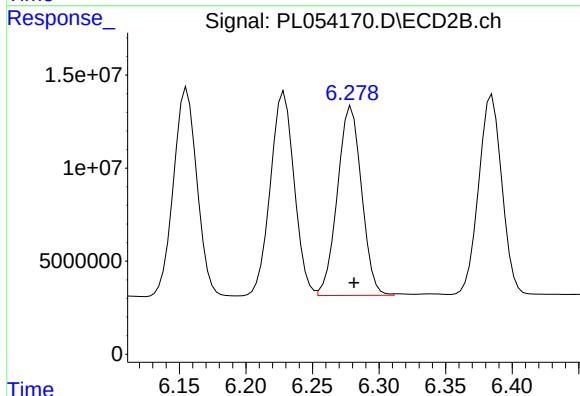
R.T.: 5.922 min
Delta R.T.: -0.002 min
Response: 133975204
Conc: 45.94 ng/ml



#9 Endosulfan I

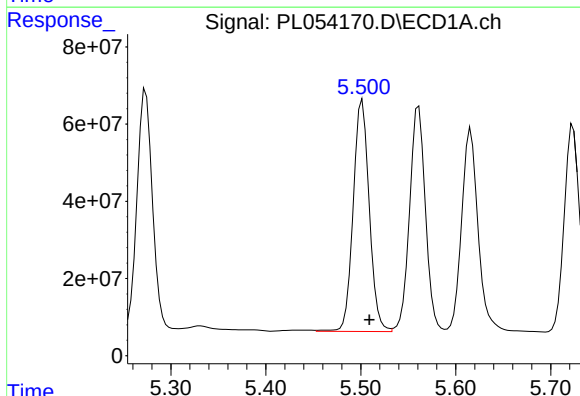
R.T.: 5.616 min
Delta R.T.: -0.007 min
Response: 637913659
Conc: 51.90 ng/ml

Instrument :
ECD_L
ClientSampleId :



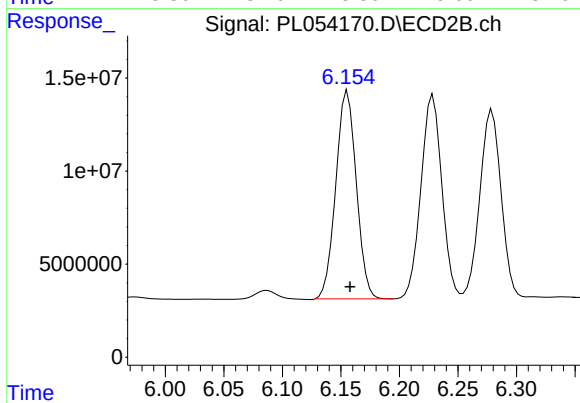
#9 Endosulfan I

R.T.: 6.279 min
Delta R.T.: -0.002 min
Response: 128521644
Conc: 47.40 ng/ml



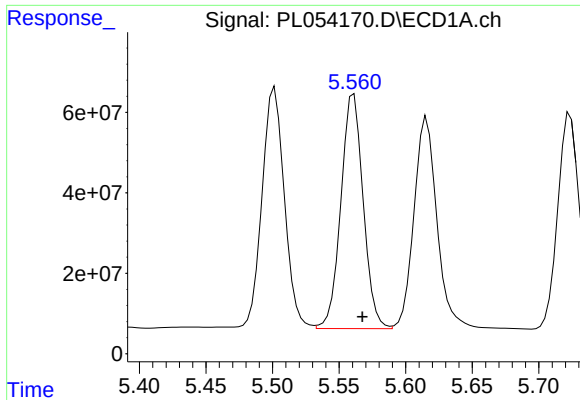
#10 gamma-Chlordane

R.T.: 5.502 min
Delta R.T.: -0.007 min
Response: 705321619
Conc: 51.70 ng/ml



#10 gamma-Chlordane

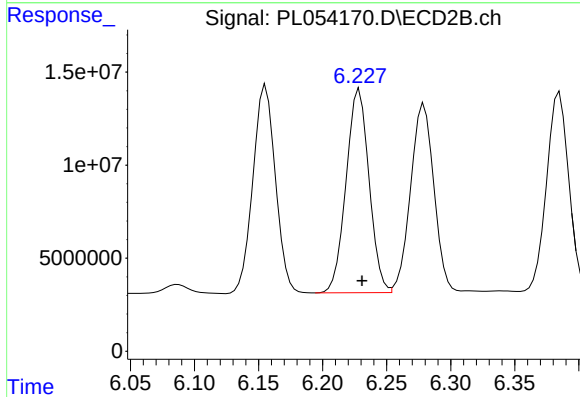
R.T.: 6.156 min
Delta R.T.: -0.002 min
Response: 136254939
Conc: 46.70 ng/ml



#11 alpha-Chlordane

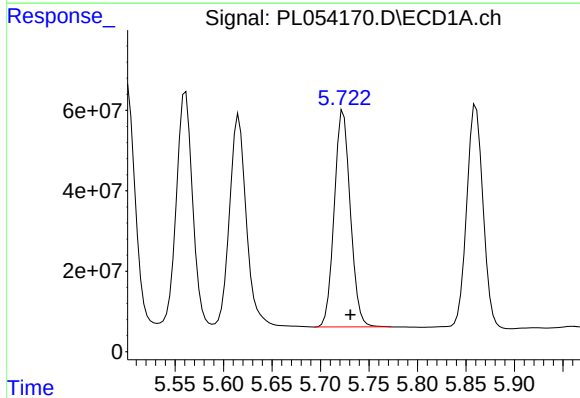
R.T.: 5.561 min
Delta R.T.: -0.007 min
Response: 680833456
Conc: 51.18 ng/ml

Instrument :
ECD_L
ClientSampleId :



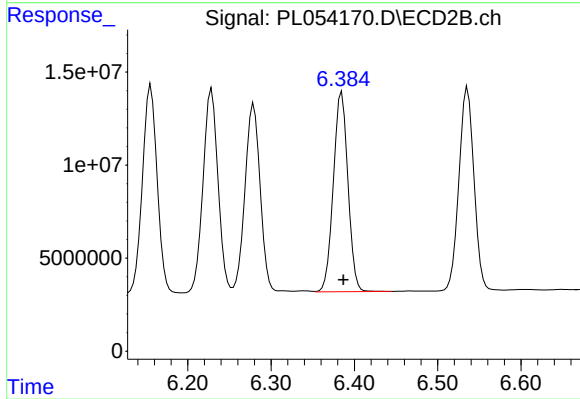
#11 alpha-Chlordane

R.T.: 6.229 min
Delta R.T.: -0.002 min
Response: 136558664
Conc: 46.78 ng/ml



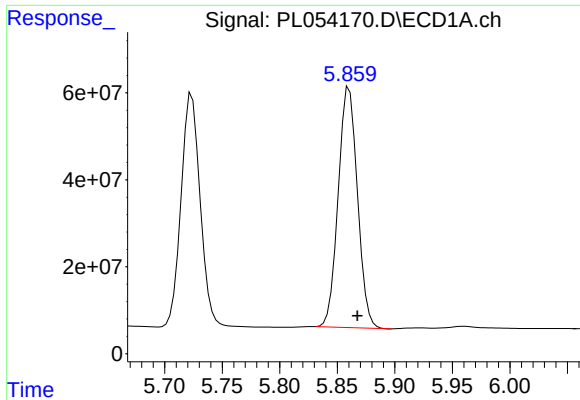
#12 4,4'-DDE

R.T.: 5.724 min
Delta R.T.: -0.007 min
Response: 620204402
Conc: 52.20 ng/ml



#12 4,4'-DDE

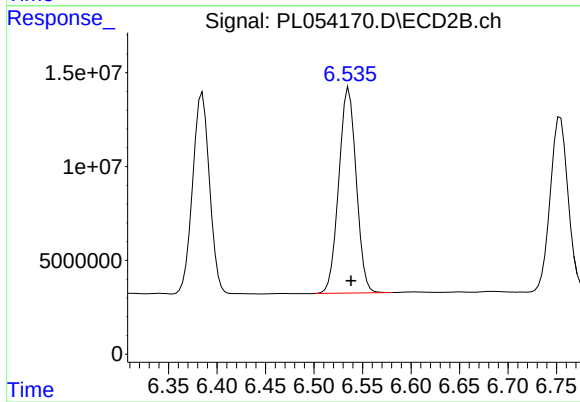
R.T.: 6.385 min
Delta R.T.: -0.002 min
Response: 130802465
Conc: 46.44 ng/ml



#13 Dieldrin

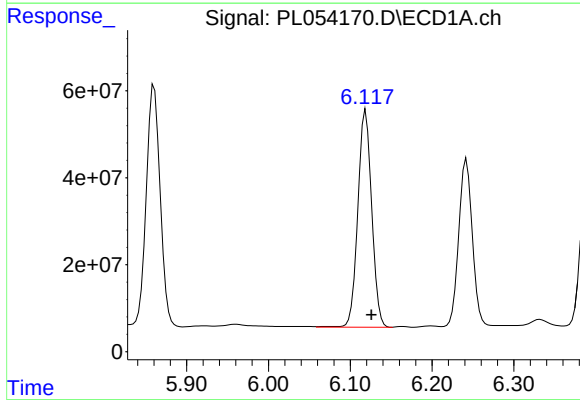
R.T.: 5.860 min
Delta R.T.: -0.007 min
Response: 645175807
Conc: 49.50 ng/ml

Instrument :
ECD_L
ClientSampleId :



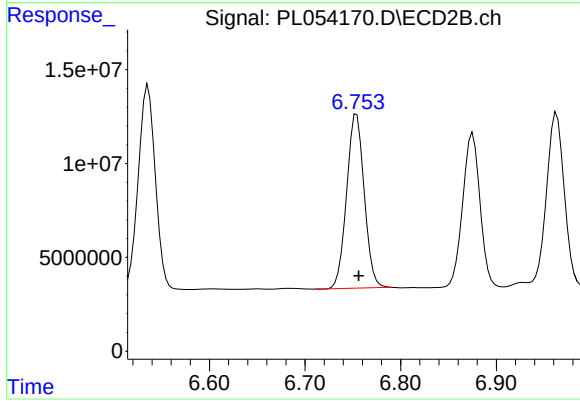
#13 Dieldrin

R.T.: 6.536 min
Delta R.T.: -0.002 min
Response: 136572825
Conc: 47.86 ng/ml



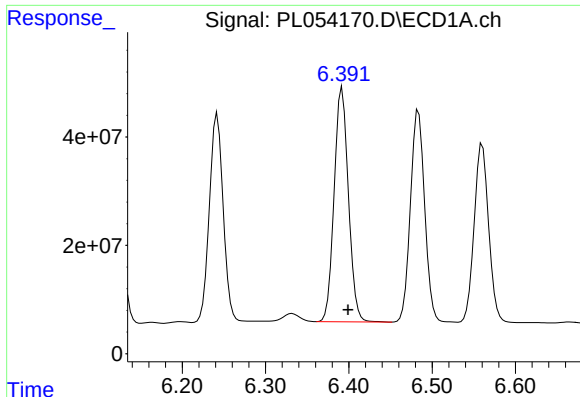
#14 Endrin

R.T.: 6.119 min
Delta R.T.: -0.007 min
Response: 588144718
Conc: 50.74 ng/ml



#14 Endrin

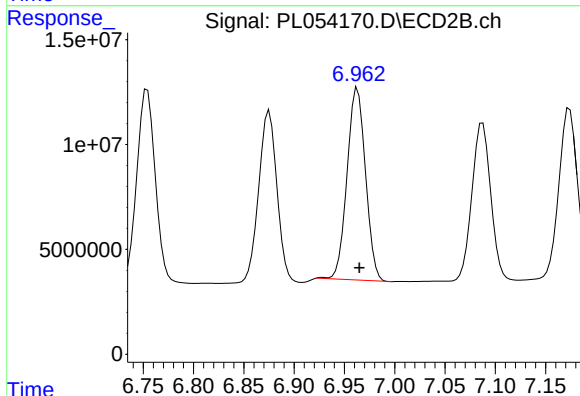
R.T.: 6.754 min
Delta R.T.: -0.002 min
Response: 118991150
Conc: 49.02 ng/ml



#15 Endosulfan II

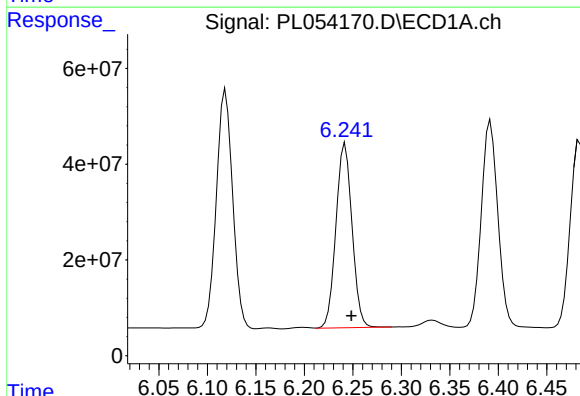
R.T.: 6.392 min
Delta R.T.: -0.007 min
Response: 515199763
Conc: 46.08 ng/ml

Instrument :
ECD_L
ClientSampleId :



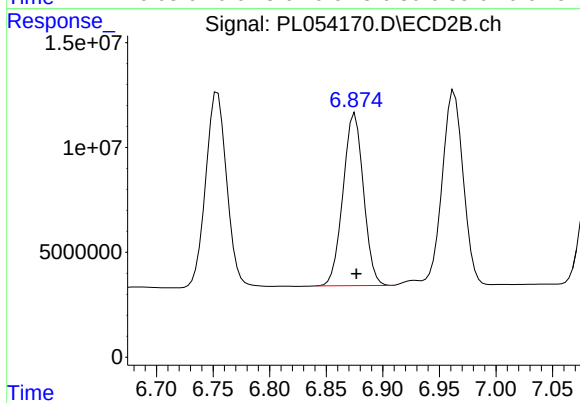
#15 Endosulfan II

R.T.: 6.963 min
Delta R.T.: -0.002 min
Response: 116587618
Conc: 45.64 ng/ml



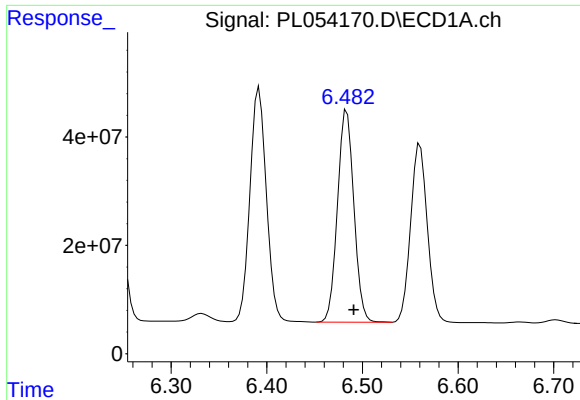
#16 4,4'-DDD

R.T.: 6.242 min
Delta R.T.: -0.006 min
Response: 443032774
Conc: 49.78 ng/ml



#16 4,4'-DDD

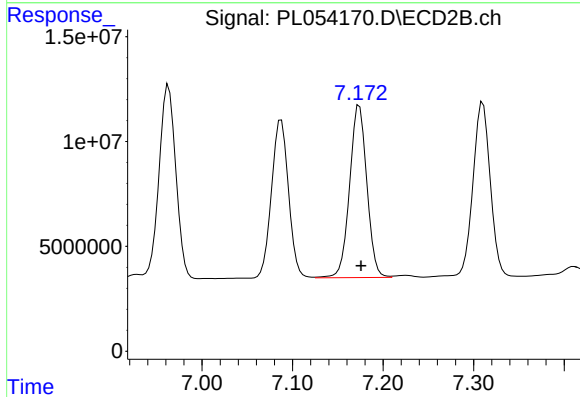
R.T.: 6.875 min
Delta R.T.: -0.001 min
Response: 103214247
Conc: 49.53 ng/ml



#17 4,4'-DDT

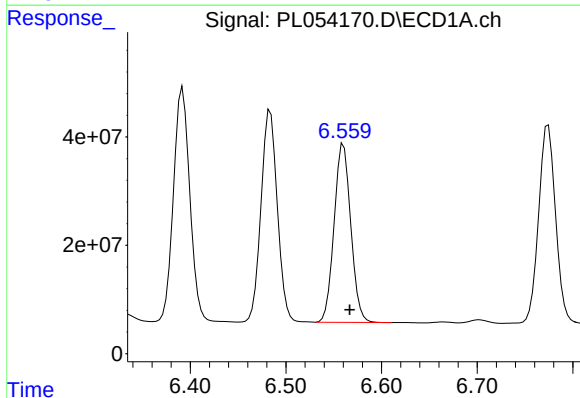
R.T.: 6.484 min
Delta R.T.: -0.007 min
Response: 466753335
Conc: 47.12 ng/ml

Instrument :
ECD_L
ClientSampleId :



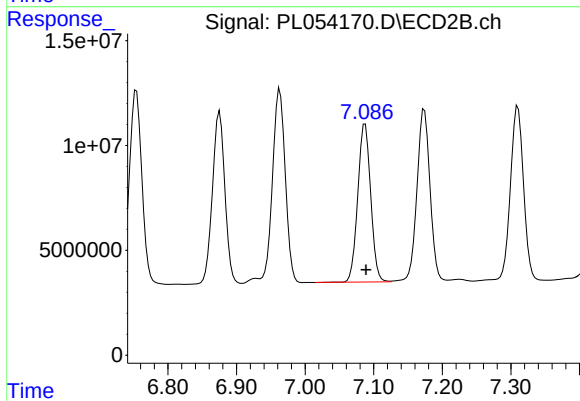
#17 4,4'-DDT

R.T.: 7.174 min
Delta R.T.: -0.002 min
Response: 109044075
Conc: 47.15 ng/ml



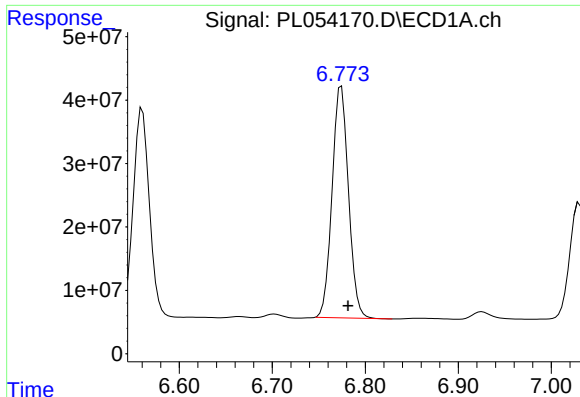
#18 Endrin aldehyde

R.T.: 6.560 min
Delta R.T.: -0.007 min
Response: 398545421
Conc: 43.47 ng/ml



#18 Endrin aldehyde

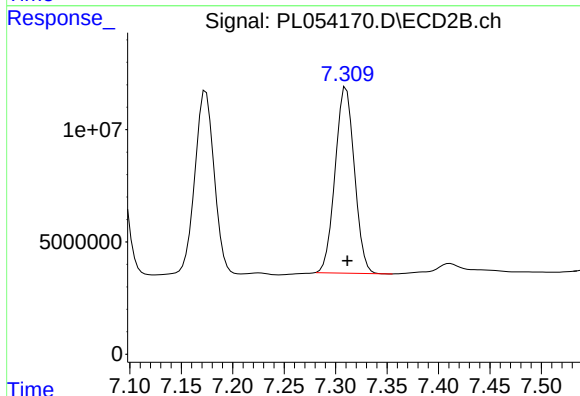
R.T.: 7.088 min
Delta R.T.: -0.002 min
Response: 98784666
Conc: 44.97 ng/ml



#19 Endosulfan Sulfate

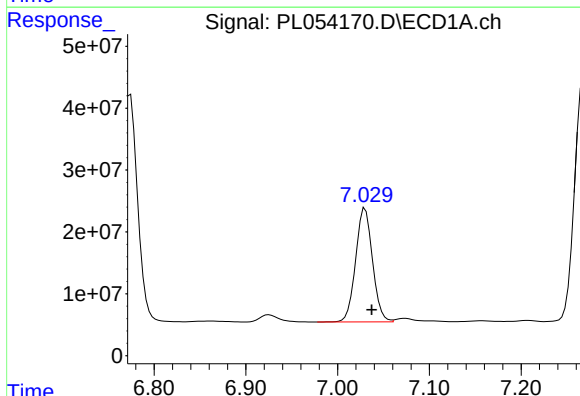
R.T.: 6.774 min
Delta R.T.: -0.007 min
Response: 447537206
Conc: 44.00 ng/ml

Instrument :
ECD_L
ClientSampleId :



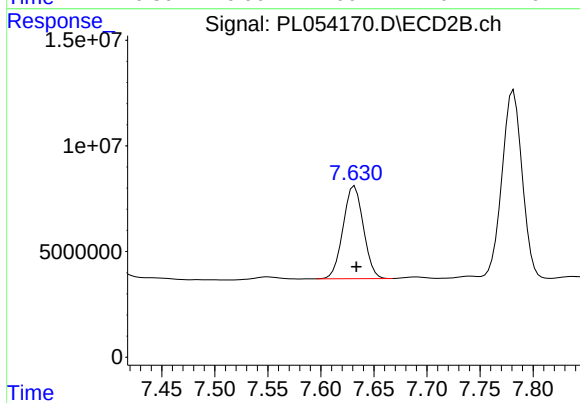
#19 Endosulfan Sulfate

R.T.: 7.310 min
Delta R.T.: -0.001 min
Response: 107917522
Conc: 43.98 ng/ml



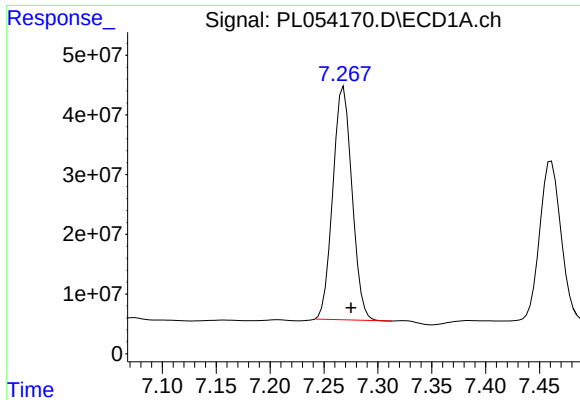
#20 Methoxychlor

R.T.: 7.030 min
Delta R.T.: -0.007 min
Response: 235533008
Conc: 47.77 ng/ml



#20 Methoxychlor

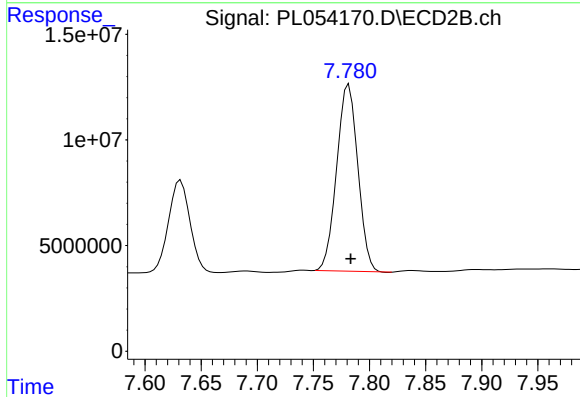
R.T.: 7.632 min
Delta R.T.: -0.002 min
Response: 58419390
Conc: 44.98 ng/ml



#21 Endrin ketone

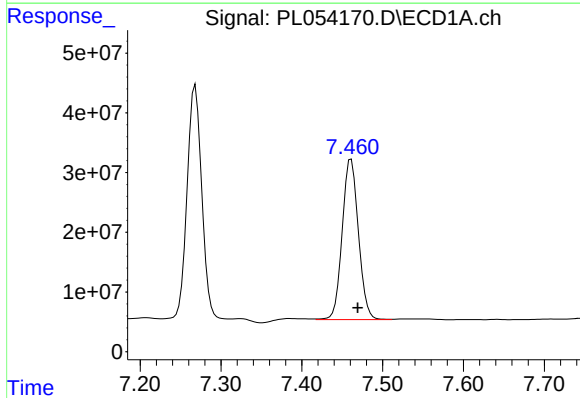
R.T.: 7.268 min
Delta R.T.: -0.007 min
Response: 483072674
Conc: 44.87 ng/ml

Instrument :
ECD_L
ClientSampleId :



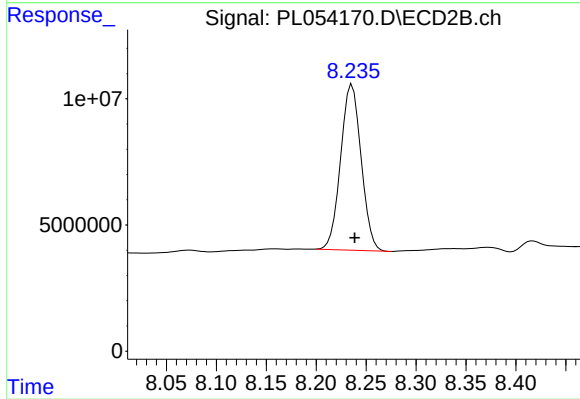
#21 Endrin ketone

R.T.: 7.782 min
Delta R.T.: -0.002 min
Response: 115891238
Conc: 44.95 ng/ml



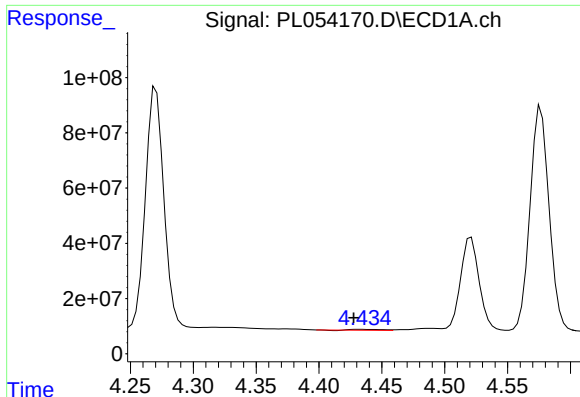
#22 Mirex

R.T.: 7.461 min
Delta R.T.: -0.008 min
Response: 374643579
Conc: 43.80 ng/ml



#22 Mirex

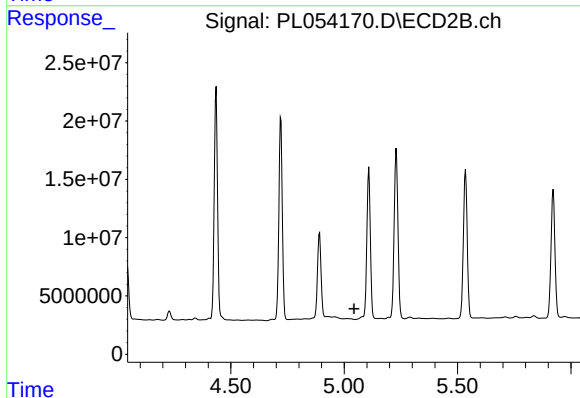
R.T.: 8.236 min
Delta R.T.: -0.003 min
Response: 93976866
Conc: 46.45 ng/ml



#23 Chlordane-1

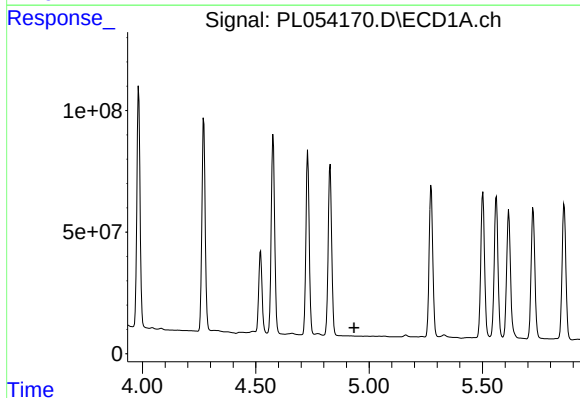
R.T.: 4.433 min
Delta R.T.: 0.005 min
Response: 4866030
Conc: 13.72 ng/ml

Instrument :
ECD_L
ClientSampleId :



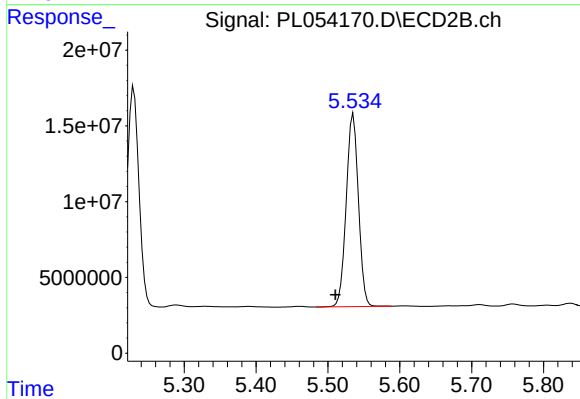
#23 Chlordane-1

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



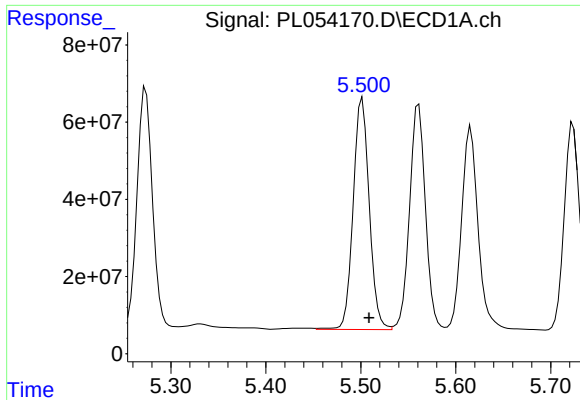
#24 Chlordane-2

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



#24 Chlordane-2

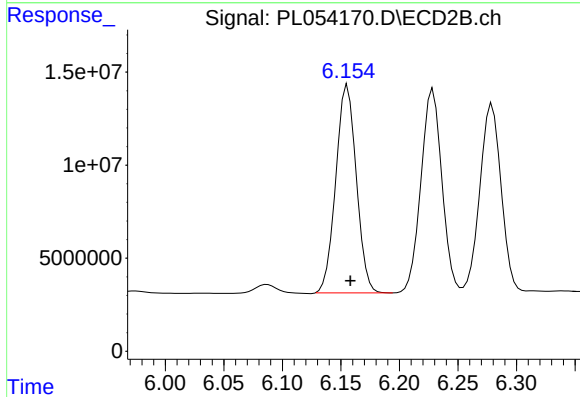
R.T.: 5.535 min
Delta R.T.: 0.025 min
Response: 149813770
Conc: 1525.27 ng/ml



#25 Chlordane-3

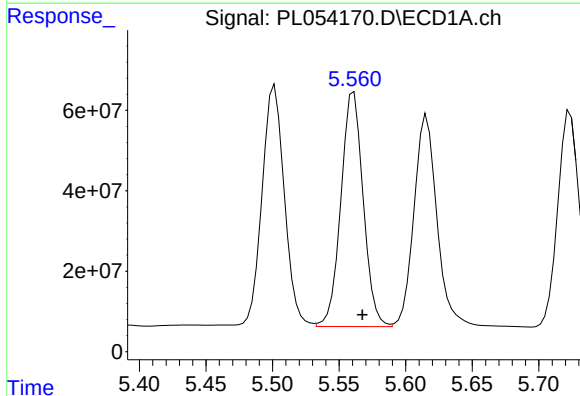
R.T.: 5.502 min
Delta R.T.: -0.007 min
Response: 705321619
Conc: 611.89 ng/ml

Instrument :
ECD_L
ClientSampleId :



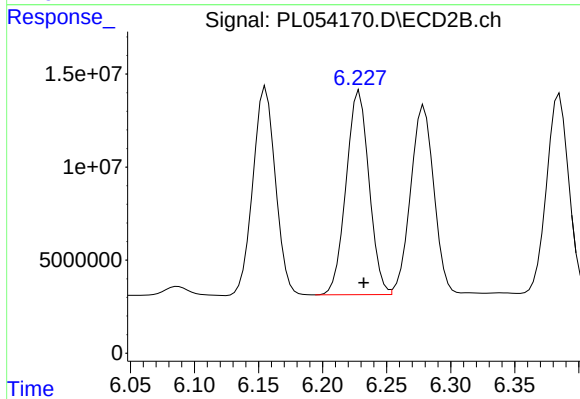
#25 Chlordane-3

R.T.: 6.156 min
Delta R.T.: -0.002 min
Response: 136254939
Conc: 373.07 ng/ml



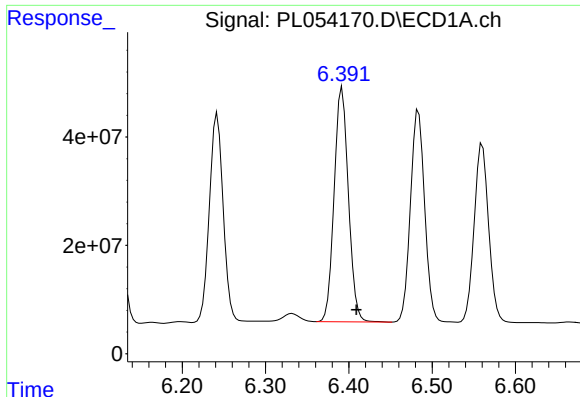
#26 Chlordane-4

R.T.: 5.561 min
Delta R.T.: -0.007 min
Response: 680833456
Conc: 726.26 ng/ml



#26 Chlordane-4

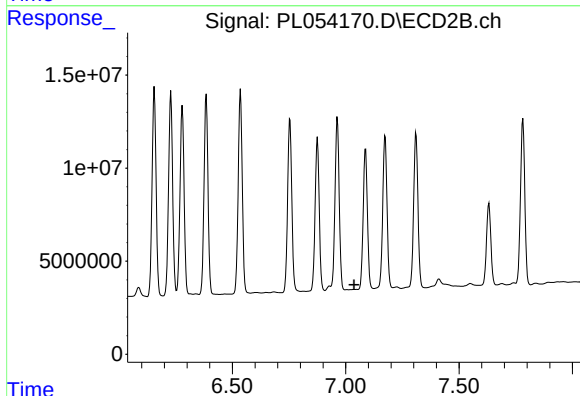
R.T.: 6.229 min
Delta R.T.: -0.003 min
Response: 136558664
Conc: 304.18 ng/ml



#27 Chlordane-5

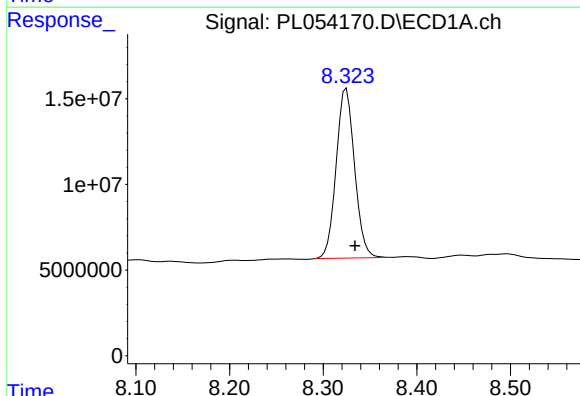
R.T.: 6.392 min
Delta R.T.: -0.017 min
Response: 515199763
Conc: 1409.40 ng/ml

Instrument :
ECD_L
ClientSampleId :



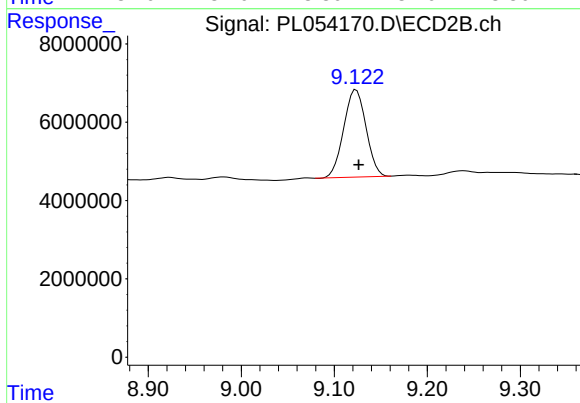
#27 Chlordane-5

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



#28 Decachlorobiphenyl

R.T.: 8.325 min
Delta R.T.: -0.009 min
Response: 135539854
Conc: 13.81 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.124 min
Delta R.T.: -0.003 min
Response: 37206270
Conc: 13.21 ng/ml