

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110519\
 Data File : PL054033.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Nov 2019 13:01
 Operator : SG\AJ
 Sample : K5676-05MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 06 00:17:28 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	214.0E6	46239692	19.744	18.478
28)	SA Decachlor...	8.323	9.121	190.4E6	51425634	19.404	18.262
Target Compounds							
2)	A alpha-BHC	3.983	4.435	1007.8E6	196.4E6	57.798	56.802
3)	MA gamma-BHC...	4.270	4.720	888.8E6	175.1E6	57.068	54.384
4)	MA Heptachlor	4.576	5.229	907.7E6	174.5E6	57.512	54.160
5)	MB Aldrin	4.828	5.535	822.5E6	161.8E6	57.534	54.254
6)	B beta-BHC	4.520	4.890	373.2E6	81199334	56.629	52.569
7)	B delta-BHC	4.728	5.108	801.0E6	126.3E6	52.625	41.798
8)	B Heptachlo...	5.274	5.920	783.7E6	135.3E6	58.053	46.399
9)	A Endosulfan I	5.615	6.278	701.4E6	146.3E6	57.063	53.979
10)	B gamma-Chl...	5.502	6.154	779.0E6	149.6E6	57.093	51.281
11)	B alpha-Chl...	5.560	6.227	748.4E6	156.9E6	56.252	53.761
12)	B 4,4'-DDE	5.724	6.383	698.6E6	153.1E6	58.797	54.346
13)	MA Dieldrin	5.860	6.535	740.3E6	155.2E6	56.799	54.377
14)	MA Endrin	6.118	6.752	689.6E6	134.0E6	59.490	55.202
15)	B Endosulfa...	6.391	6.962	606.5E6	139.8E6	54.243	54.738
16)	A 4,4'-DDD	6.241	6.873	535.6E6	119.3E6	60.180	57.232
17)	MA 4,4'-DDT	6.483	7.173	555.8E6	129.5E6	56.109	55.999
18)	B Endrin al...	6.559	7.085	486.9E6	120.8E6	53.098	55.012
19)	B Endosulfa...	6.772	7.308	538.2E6	125.9E6	52.908	51.312
20)	A Methoxychlor	7.028	7.630	263.7E6	69852704	53.489	53.778
21)	B Endrin ke...	7.267	7.779	583.9E6	140.6E6	54.243	54.531
22)	Mirex	7.459	8.235	493.4E6	113.6E6	57.682	56.158
23)	Chlordane-1	4.415	0.000	12608439	0	35.550	N.D. #
24)	Chlordane-2	0.000	5.535f	0	161.8E6	N.D.	1646.893 #
25)	Chlordane-3	5.502	6.154	779.0E6	149.6E6	675.778	409.680 #
26)	Chlordane-4	5.560	6.227	748.4E6	156.9E6	798.282	349.583 #
27)	Chlordane-5	6.391f	7.029	606.5E6	2709541	1659.036	35.443 #

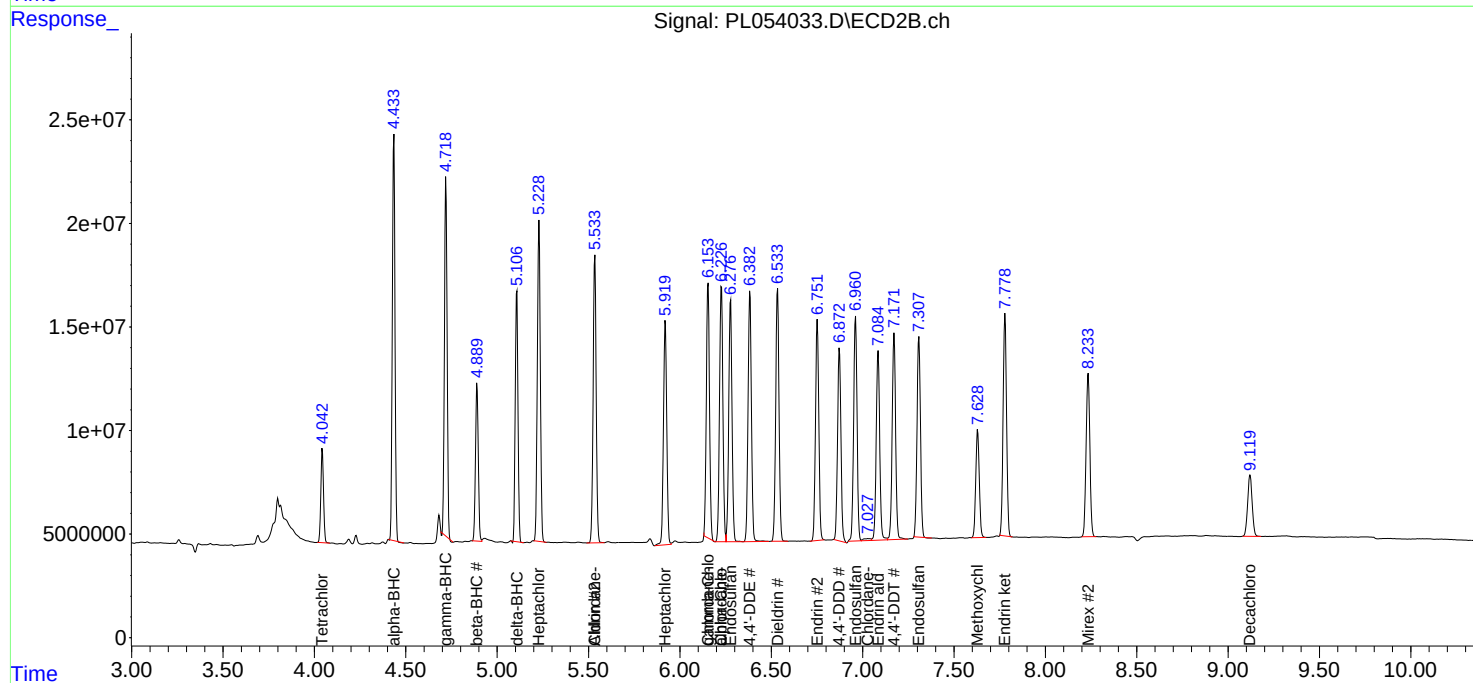
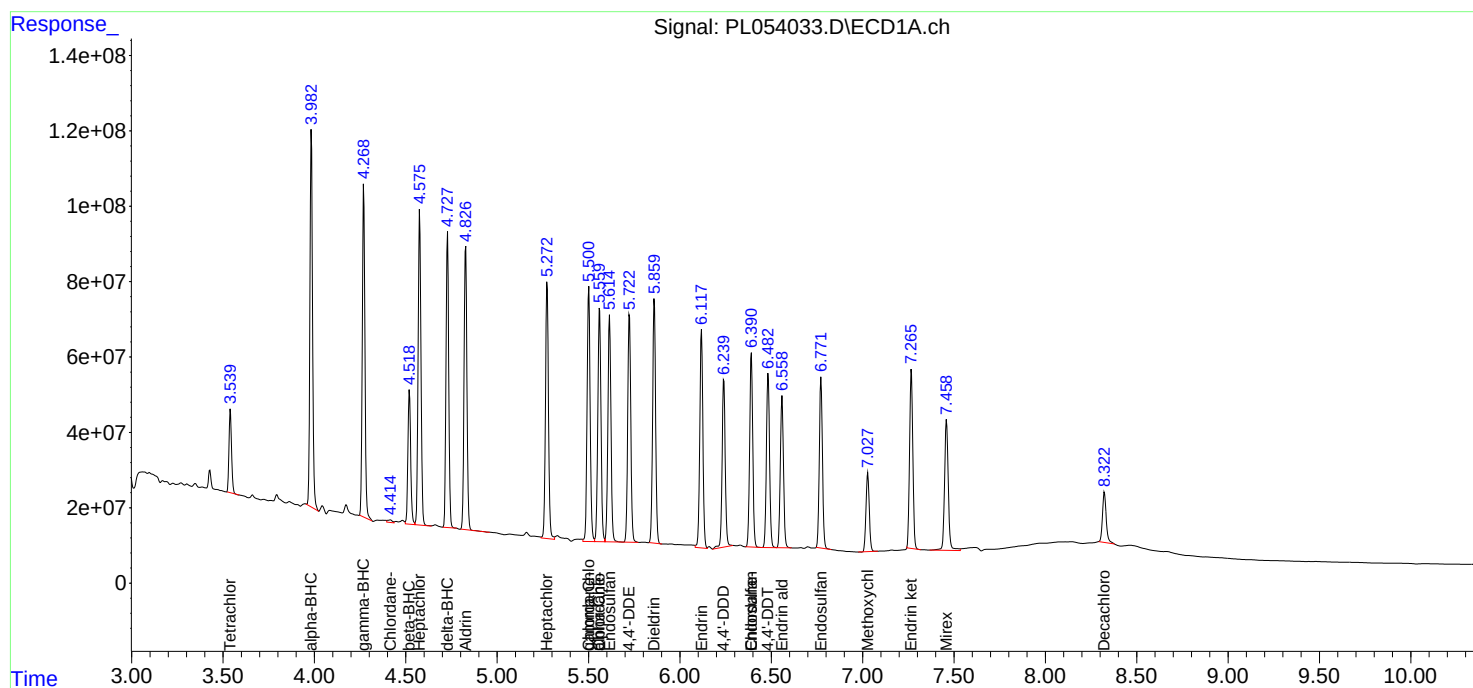
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

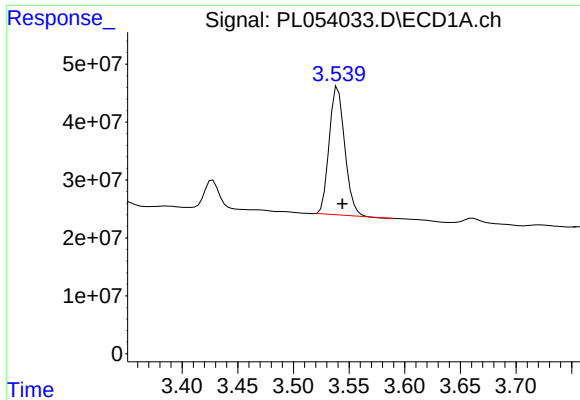
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110519\
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

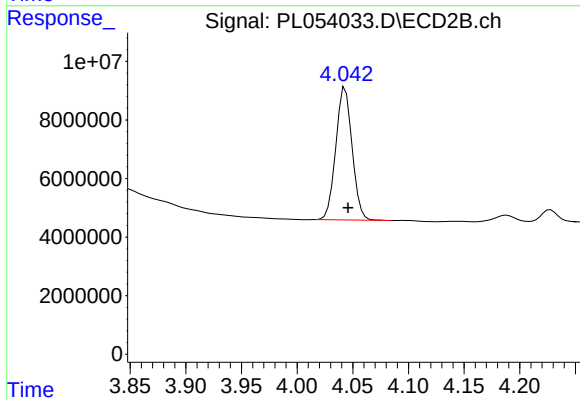




#1 Tetrachloro-m-xylene

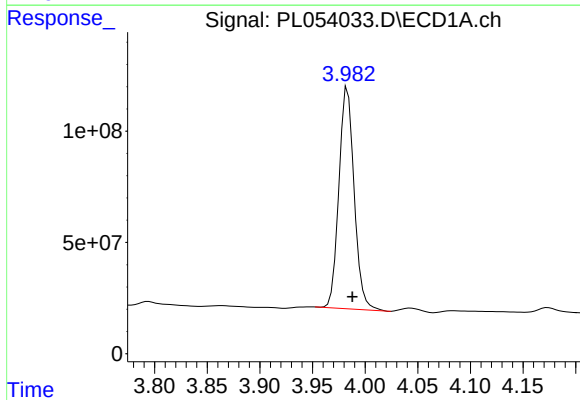
R.T.: 3.540 min
Delta R.T.: -0.004 min
Response: 214015509
Conc: 19.74 ng/ml

Instrument :
ECD_L
ClientSampleId :



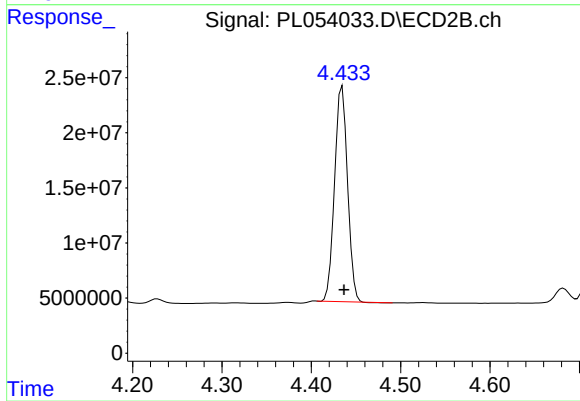
#1 Tetrachloro-m-xylene

R.T.: 4.043 min
Delta R.T.: -0.003 min
Response: 46239692
Conc: 18.48 ng/ml



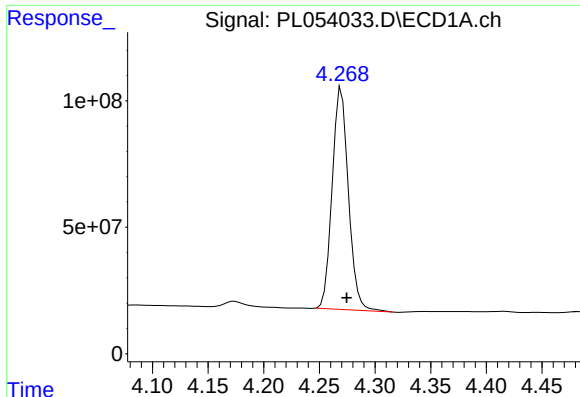
#2 alpha-BHC

R.T.: 3.983 min
Delta R.T.: -0.005 min
Response: 1007789127
Conc: 57.80 ng/ml



#2 alpha-BHC

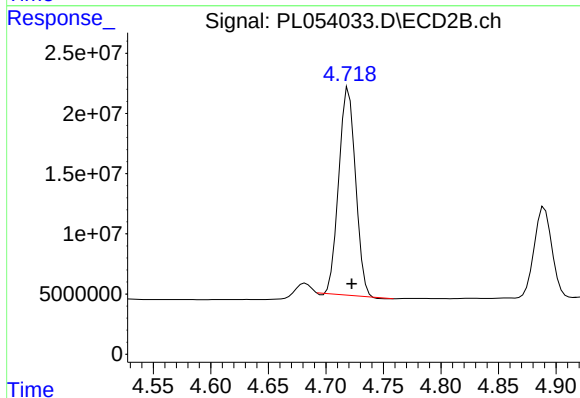
R.T.: 4.435 min
Delta R.T.: -0.002 min
Response: 196368681
Conc: 56.80 ng/ml



#3 gamma-BHC (Lindane)

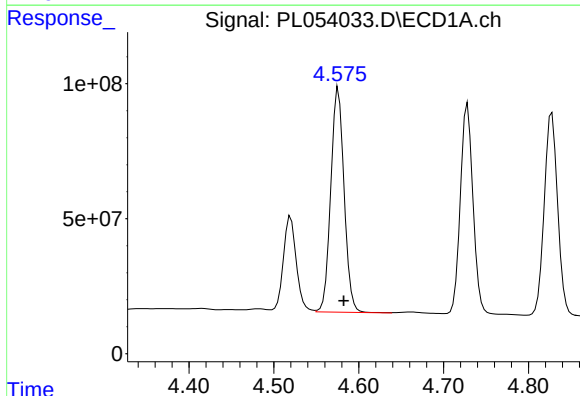
R.T.: 4.270 min
Delta R.T.: -0.005 min
Response: 888751803
Conc: 57.07 ng/ml

Instrument :
ECD_L
ClientSampleId :



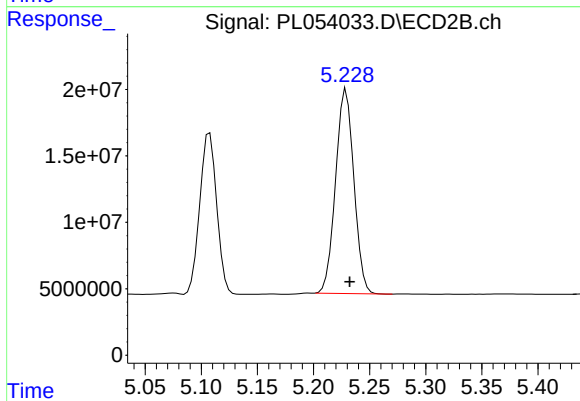
#3 gamma-BHC (Lindane)

R.T.: 4.720 min
Delta R.T.: -0.003 min
Response: 175136849
Conc: 54.38 ng/ml



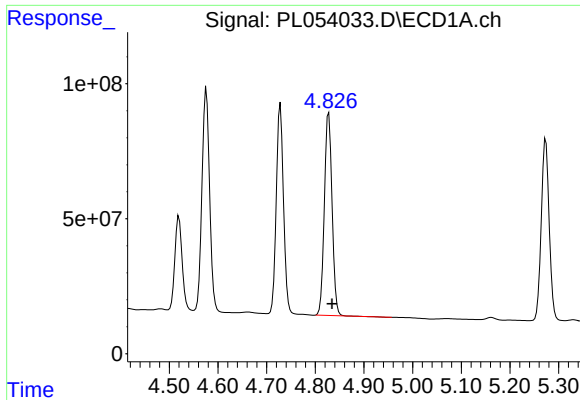
#4 Heptachlor

R.T.: 4.576 min
Delta R.T.: -0.006 min
Response: 907700605
Conc: 57.51 ng/ml



#4 Heptachlor

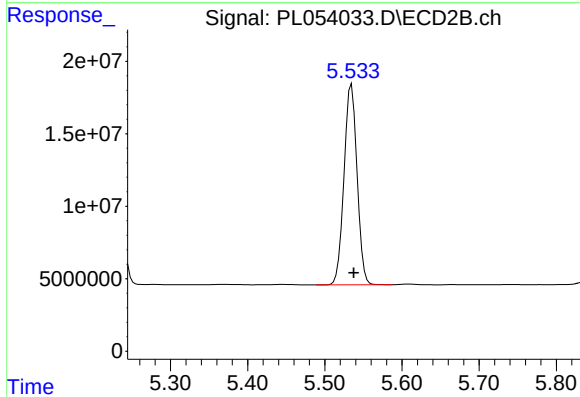
R.T.: 5.229 min
Delta R.T.: -0.003 min
Response: 174511061
Conc: 54.16 ng/ml



#5 Aldrin

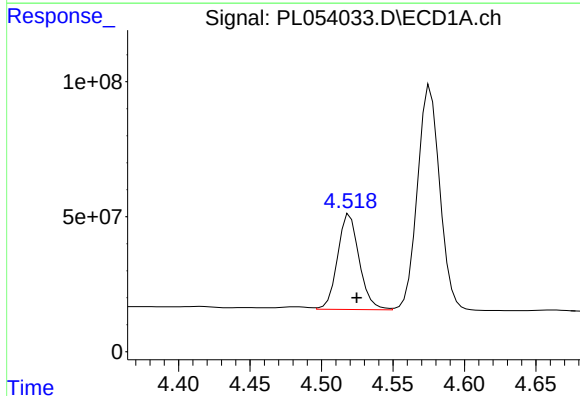
R.T.: 4.828 min
Delta R.T.: -0.007 min
Response: 822485620
Conc: 57.53 ng/ml

Instrument :
ECD_L
ClientSampleId :



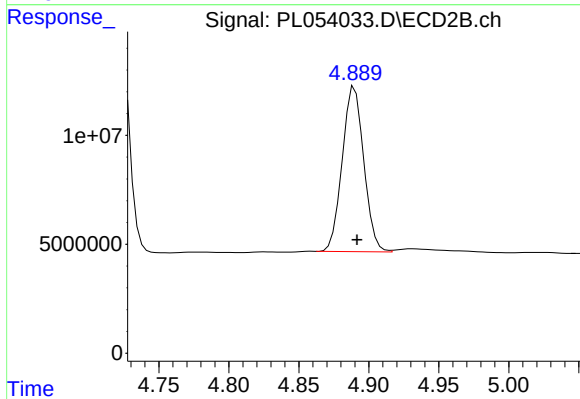
#5 Aldrin

R.T.: 5.535 min
Delta R.T.: -0.003 min
Response: 161760271
Conc: 54.25 ng/ml



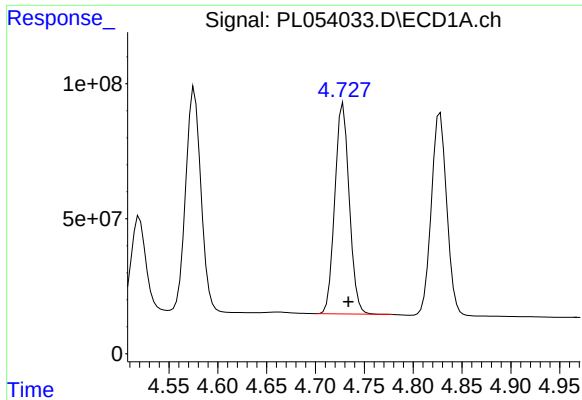
#6 beta-BHC

R.T.: 4.520 min
Delta R.T.: -0.005 min
Response: 373175497
Conc: 56.63 ng/ml



#6 beta-BHC

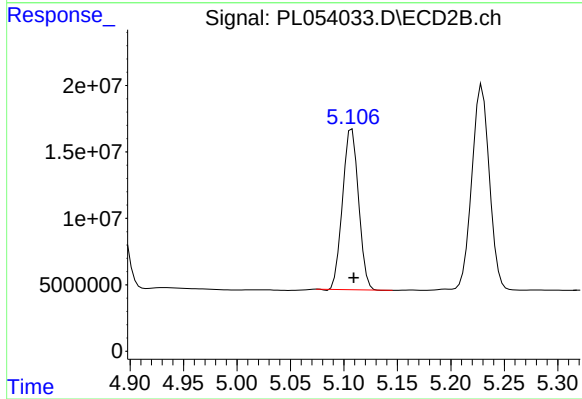
R.T.: 4.890 min
Delta R.T.: -0.002 min
Response: 81199334
Conc: 52.57 ng/ml



#7 delta-BHC

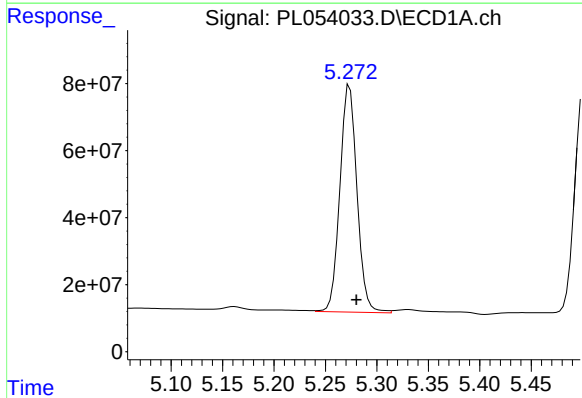
R.T.: 4.728 min
Delta R.T.: -0.005 min
Response: 801009716
Conc: 52.63 ng/ml

Instrument :
ECD_L
ClientSampleId :



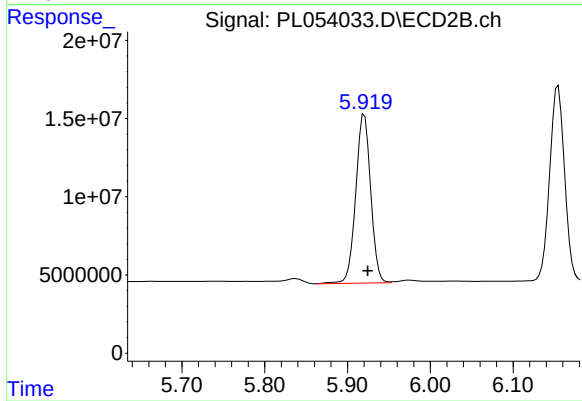
#7 delta-BHC

R.T.: 5.108 min
Delta R.T.: -0.002 min
Response: 126254135
Conc: 41.80 ng/ml



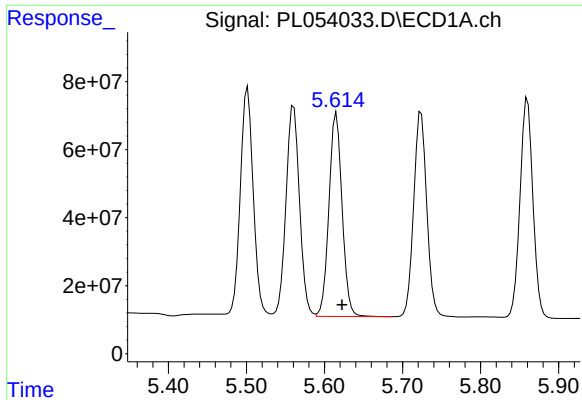
#8 Heptachlor epoxide

R.T.: 5.274 min
Delta R.T.: -0.007 min
Response: 783676533
Conc: 58.05 ng/ml



#8 Heptachlor epoxide

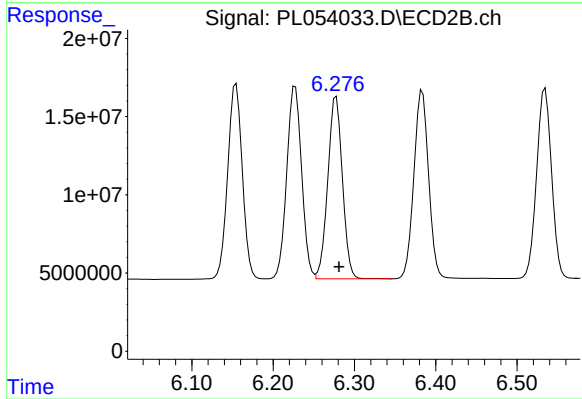
R.T.: 5.920 min
Delta R.T.: -0.004 min
Response: 135318379
Conc: 46.40 ng/ml



#9 Endosulfan I

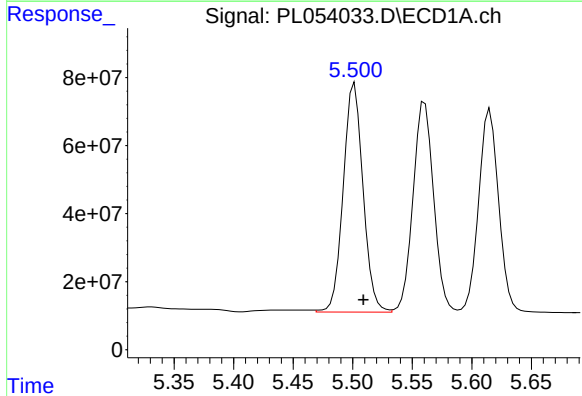
R.T.: 5.615 min
Delta R.T.: -0.007 min
Response: 701419379
Conc: 57.06 ng/ml

Instrument :
ECD_L
ClientSampleId :



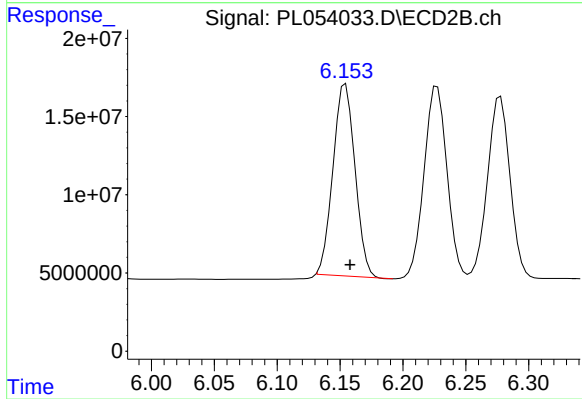
#9 Endosulfan I

R.T.: 6.278 min
Delta R.T.: -0.004 min
Response: 146349787
Conc: 53.98 ng/ml



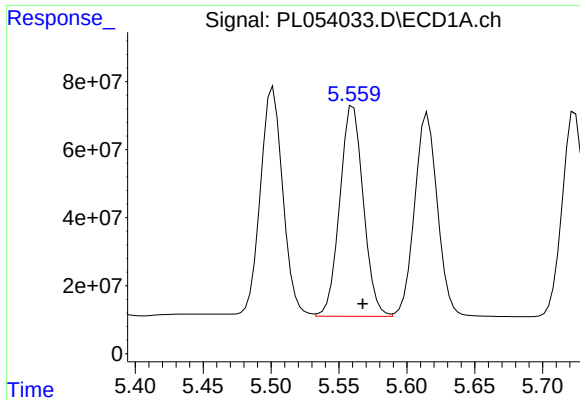
#10 gamma-Chlordane

R.T.: 5.502 min
Delta R.T.: -0.007 min
Response: 778959825
Conc: 57.09 ng/ml



#10 gamma-Chlordane

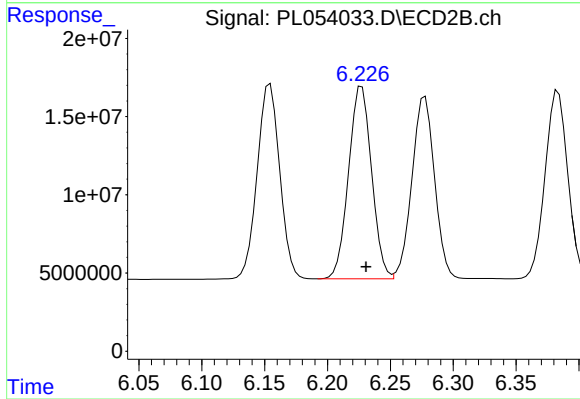
R.T.: 6.154 min
Delta R.T.: -0.004 min
Response: 149627684
Conc: 51.28 ng/ml



#11 alpha-Chlordane

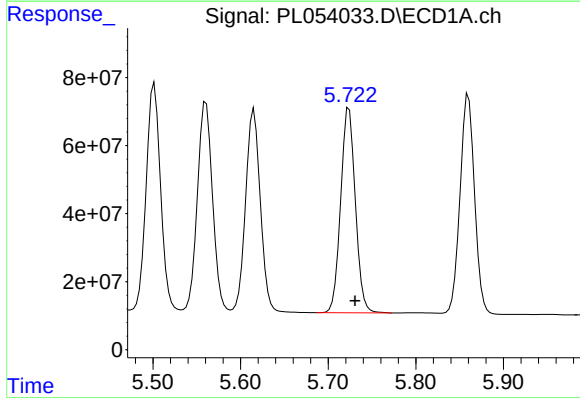
R.T.: 5.560 min
Delta R.T.: -0.007 min
Response: 748350533
Conc: 56.25 ng/ml

Instrument :
ECD_L
ClientSampleId :



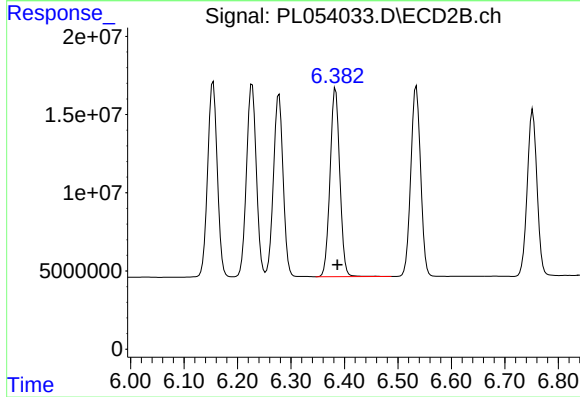
#11 alpha-Chlordane

R.T.: 6.227 min
Delta R.T.: -0.004 min
Response: 156940803
Conc: 53.76 ng/ml



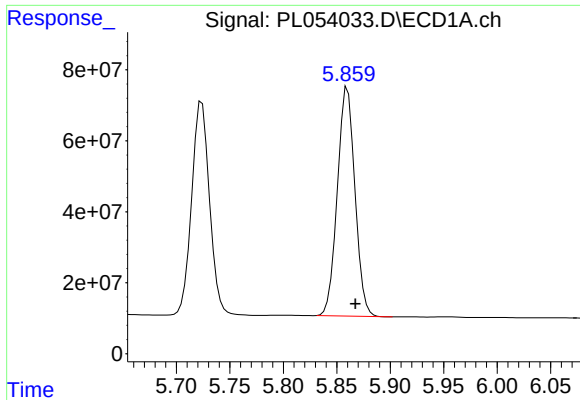
#12 4,4'-DDE

R.T.: 5.724 min
Delta R.T.: -0.007 min
Response: 698641235
Conc: 58.80 ng/ml



#12 4,4'-DDE

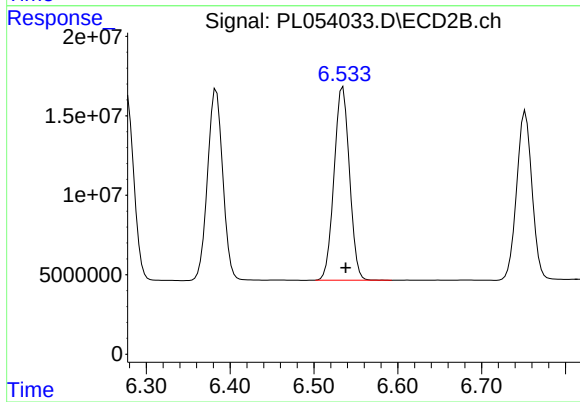
R.T.: 6.383 min
Delta R.T.: -0.003 min
Response: 153058005
Conc: 54.35 ng/ml



#13 Dieldrin

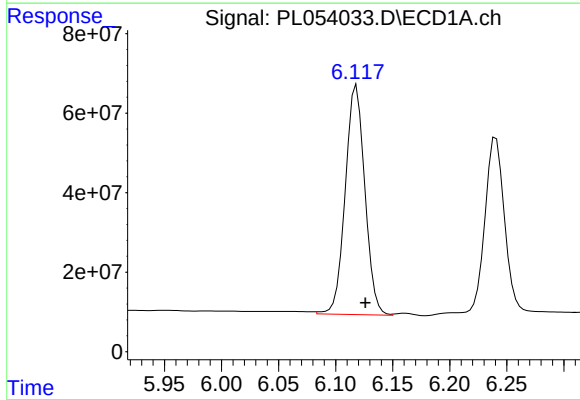
R.T.: 5.860 min
Delta R.T.: -0.007 min
Response: 740297308
Conc: 56.80 ng/ml

Instrument :
ECD_L
ClientSampleId :



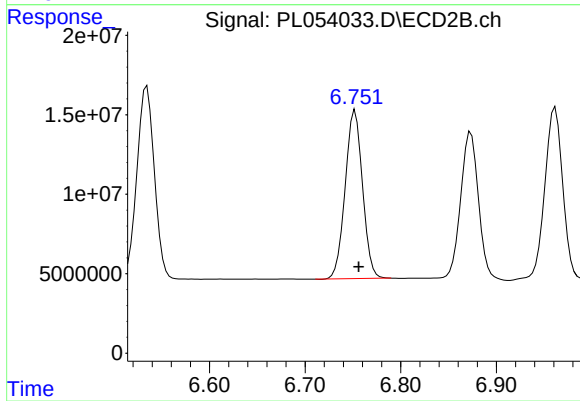
#13 Dieldrin

R.T.: 6.535 min
Delta R.T.: -0.004 min
Response: 155173115
Conc: 54.38 ng/ml



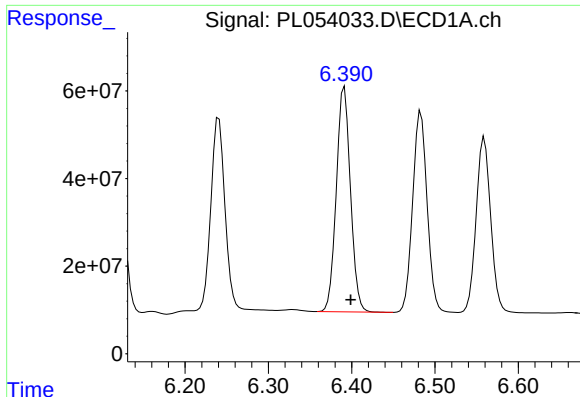
#14 Endrin

R.T.: 6.118 min
Delta R.T.: -0.008 min
Response: 689562738
Conc: 59.49 ng/ml



#14 Endrin

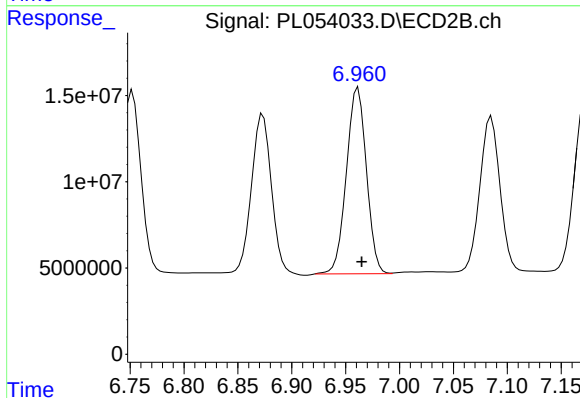
R.T.: 6.752 min
Delta R.T.: -0.004 min
Response: 133986059
Conc: 55.20 ng/ml



#15 Endosulfan II

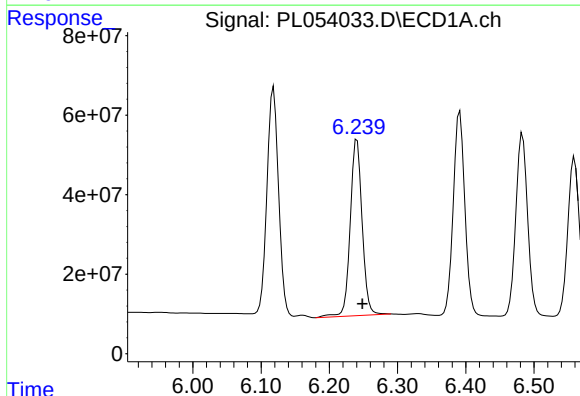
R.T.: 6.391 min
Delta R.T.: -0.008 min
Response: 606451143
Conc: 54.24 ng/ml

Instrument :
ECD_L
ClientSampleId :



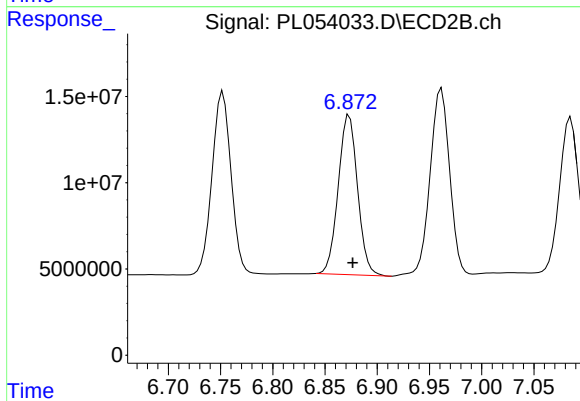
#15 Endosulfan II

R.T.: 6.962 min
Delta R.T.: -0.003 min
Response: 139828700
Conc: 54.74 ng/ml



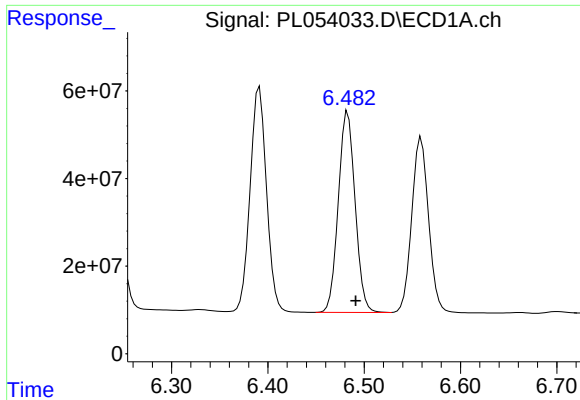
#16 4,4'-DDD

R.T.: 6.241 min
Delta R.T.: -0.008 min
Response: 535594853
Conc: 60.18 ng/ml



#16 4,4'-DDD

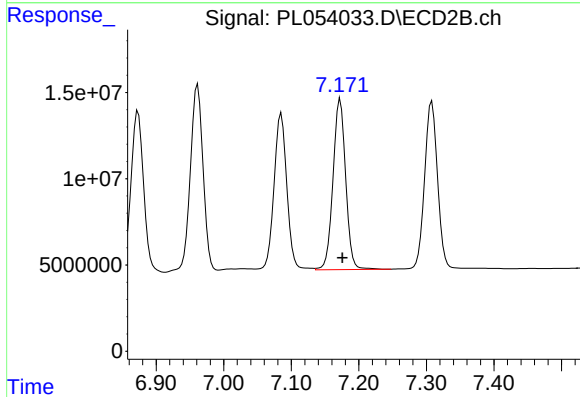
R.T.: 6.873 min
Delta R.T.: -0.003 min
Response: 119268843
Conc: 57.23 ng/ml



#17 4,4'-DDT

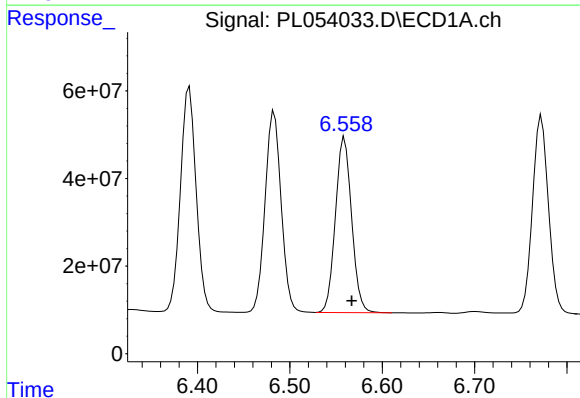
R.T.: 6.483 min
Delta R.T.: -0.008 min
Response: 555832935
Conc: 56.11 ng/ml

Instrument :
ECD_L
ClientSampleId :



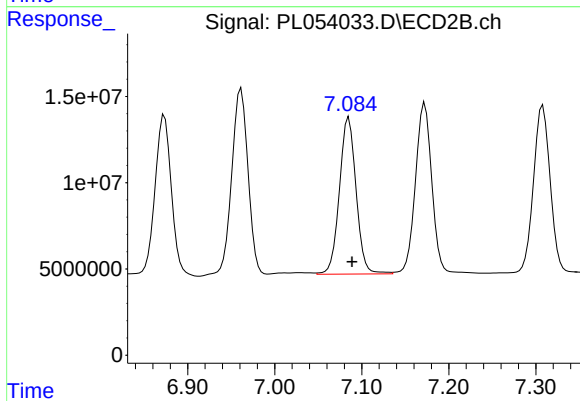
#17 4,4'-DDT

R.T.: 7.173 min
Delta R.T.: -0.003 min
Response: 129498859
Conc: 56.00 ng/ml



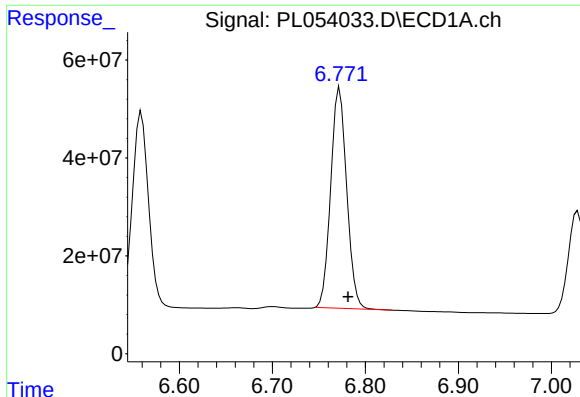
#18 Endrin aldehyde

R.T.: 6.559 min
Delta R.T.: -0.008 min
Response: 486865022
Conc: 53.10 ng/ml



#18 Endrin aldehyde

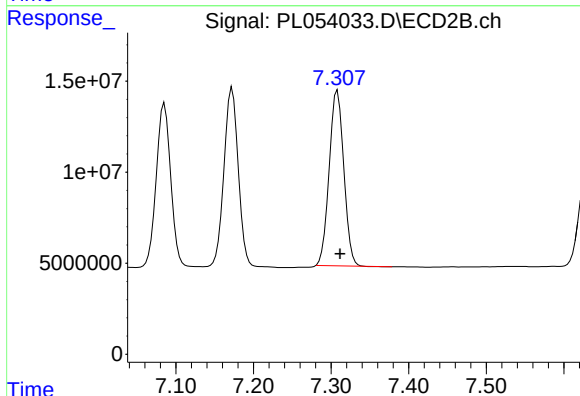
R.T.: 7.085 min
Delta R.T.: -0.004 min
Response: 120849139
Conc: 55.01 ng/ml



#19 Endosulfan Sulfate

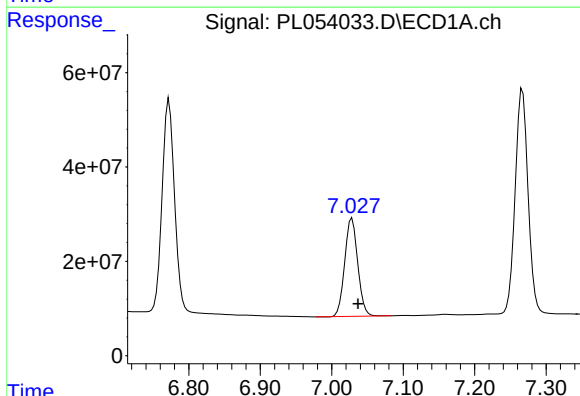
R.T.: 6.772 min
Delta R.T.: -0.009 min
Response: 538154825
Conc: 52.91 ng/ml

Instrument :
ECD_L
ClientSampleId :



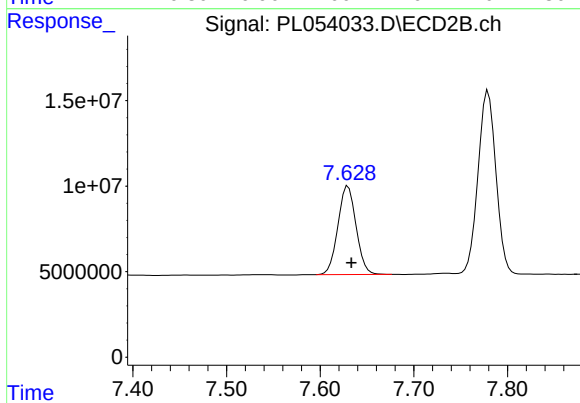
#19 Endosulfan Sulfate

R.T.: 7.308 min
Delta R.T.: -0.003 min
Response: 125900051
Conc: 51.31 ng/ml



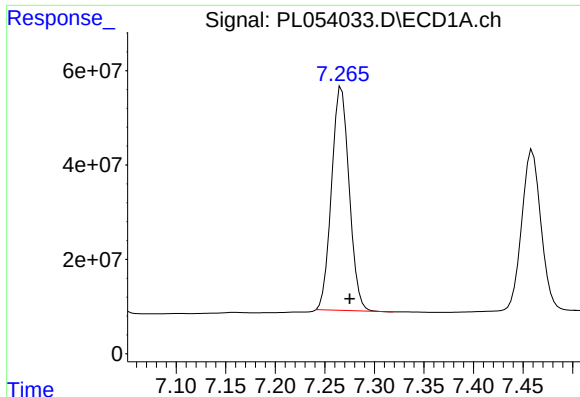
#20 Methoxychlor

R.T.: 7.028 min
Delta R.T.: -0.009 min
Response: 263720790
Conc: 53.49 ng/ml



#20 Methoxychlor

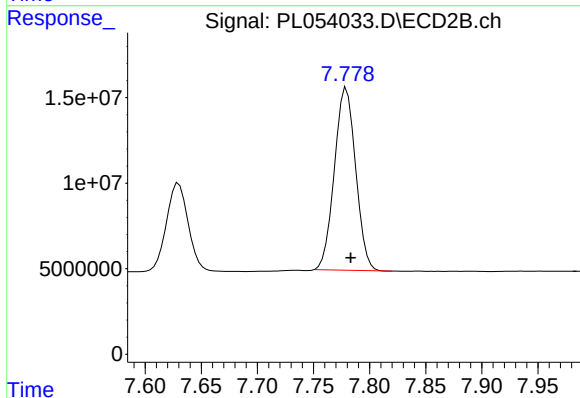
R.T.: 7.630 min
Delta R.T.: -0.004 min
Response: 69852704
Conc: 53.78 ng/ml



#21 Endrin ketone

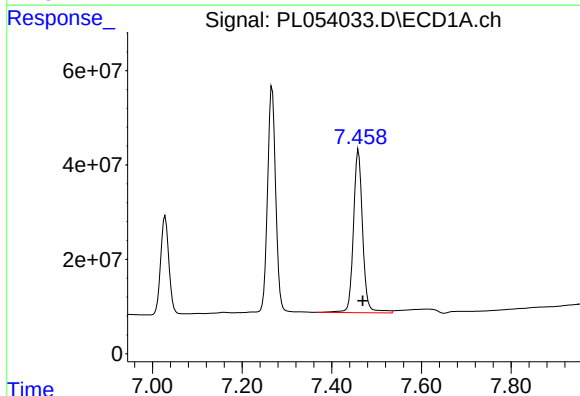
R.T.: 7.267 min
Delta R.T.: -0.008 min
Response: 583929005
Conc: 54.24 ng/ml

Instrument :
ECD_L
ClientSampleId :



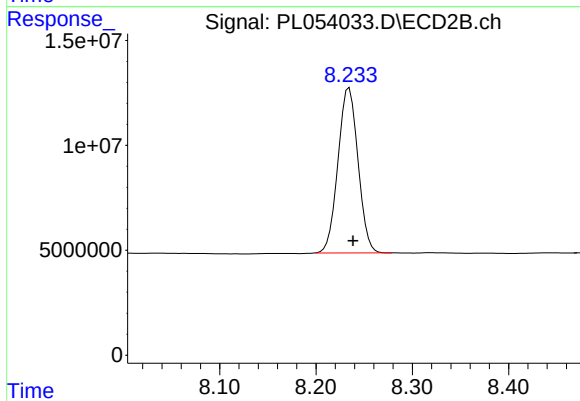
#21 Endrin ketone

R.T.: 7.779 min
Delta R.T.: -0.004 min
Response: 140607204
Conc: 54.53 ng/ml



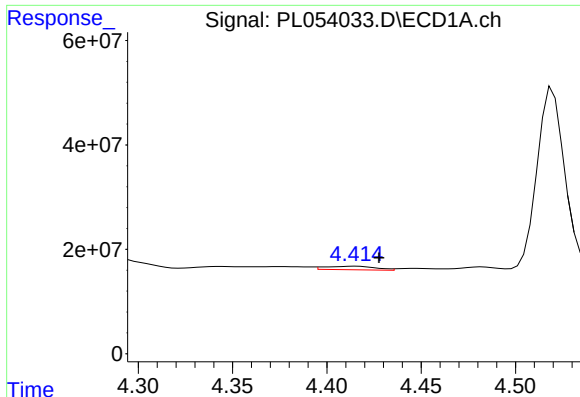
#22 Mirex

R.T.: 7.459 min
Delta R.T.: -0.010 min
Response: 493352229
Conc: 57.68 ng/ml



#22 Mirex

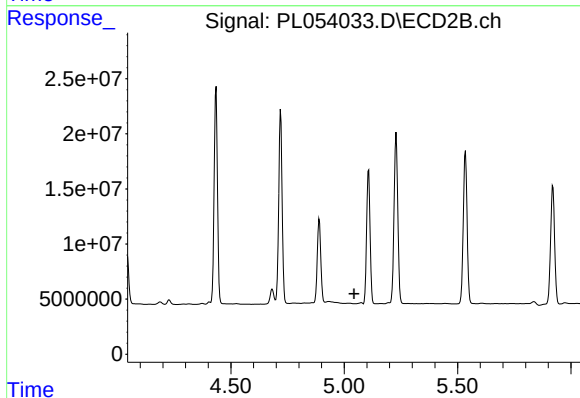
R.T.: 8.235 min
Delta R.T.: -0.004 min
Response: 113610514
Conc: 56.16 ng/ml



#23 Chlordane-1

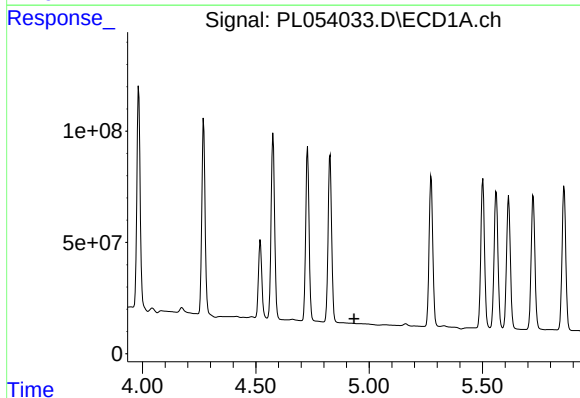
R.T.: 4.415 min
Delta R.T.: -0.012 min
Response: 12608439
Conc: 35.55 ng/ml

Instrument :
ECD_L
ClientSampleId :



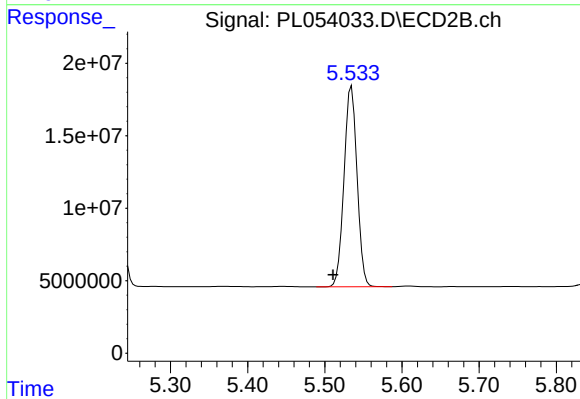
#23 Chlordane-1

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



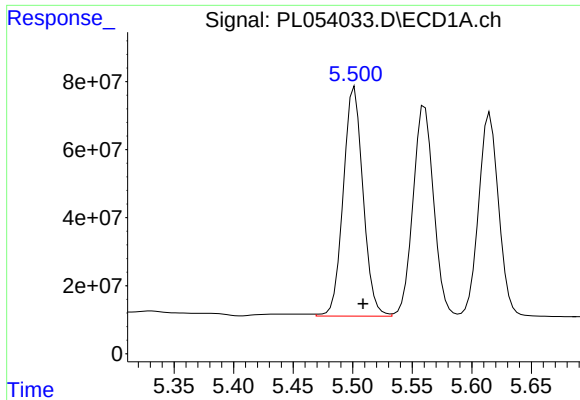
#24 Chlordane-2

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



#24 Chlordane-2

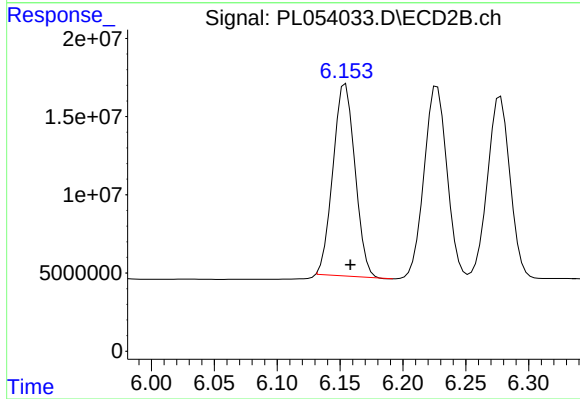
R.T.: 5.535 min
Delta R.T.: 0.024 min
Response: 161760271
Conc: 1646.89 ng/ml



#25 Chlordane-3

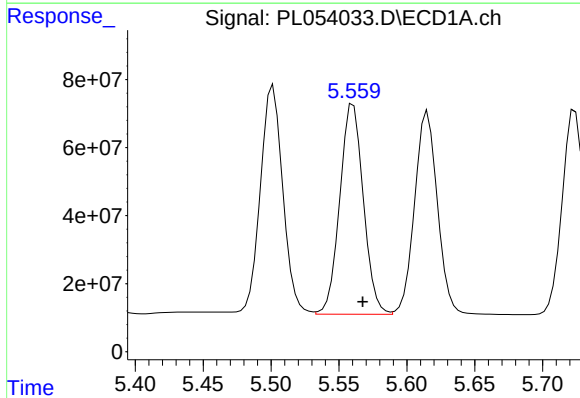
R.T.: 5.502 min
Delta R.T.: -0.007 min
Response: 778959825
Conc: 675.78 ng/ml

Instrument :
ECD_L
ClientSampleId :



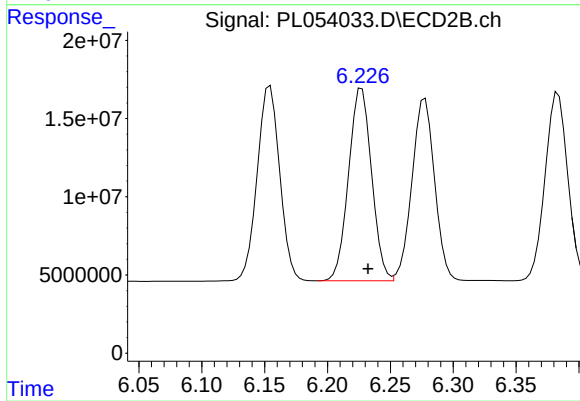
#25 Chlordane-3

R.T.: 6.154 min
Delta R.T.: -0.004 min
Response: 149627684
Conc: 409.68 ng/ml



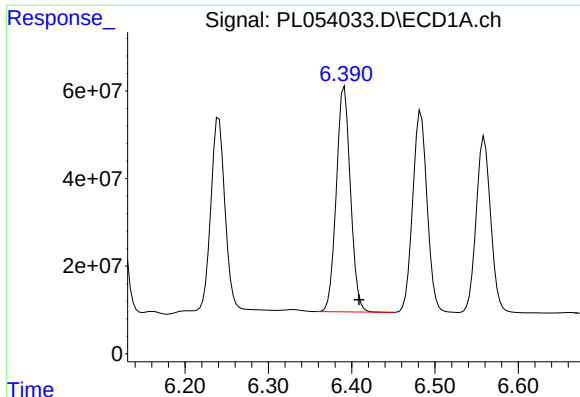
#26 Chlordane-4

R.T.: 5.560 min
Delta R.T.: -0.007 min
Response: 748350533
Conc: 798.28 ng/ml



#26 Chlordane-4

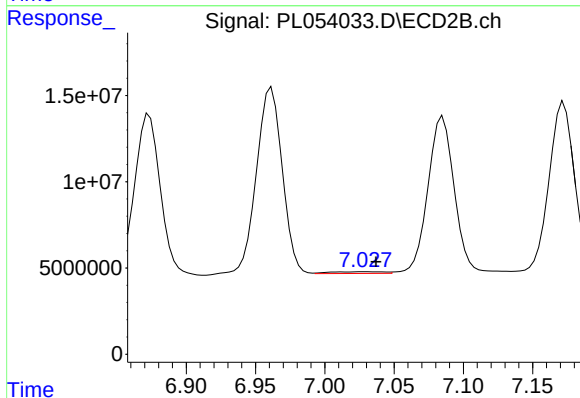
R.T.: 6.227 min
Delta R.T.: -0.005 min
Response: 156940803
Conc: 349.58 ng/ml



#27 Chlordane-5

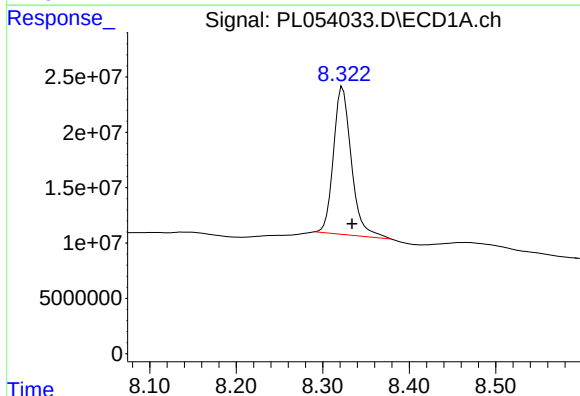
R.T.: 6.391 min
Delta R.T.: -0.018 min
Response: 606451143
Conc: 1659.04 ng/ml

Instrument :
ECD_L
ClientSampleId :



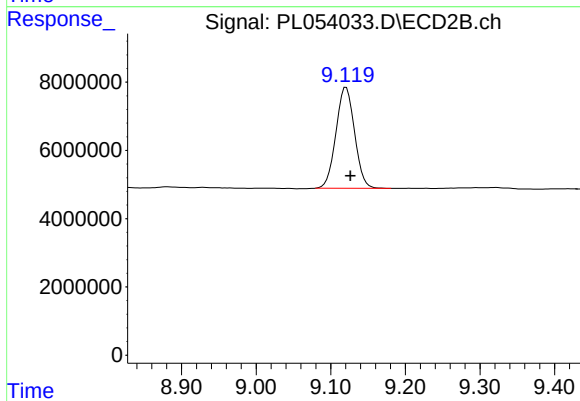
#27 Chlordane-5

R.T.: 7.029 min
Delta R.T.: -0.008 min
Response: 2709541
Conc: 35.44 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.323 min
Delta R.T.: -0.011 min
Response: 190378654
Conc: 19.40 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.121 min
Delta R.T.: -0.006 min
Response: 51425634
Conc: 18.26 ng/ml