

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110119\
 Data File : PL053994.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Nov 2019 10:42
 Operator : SG\AJ
 Sample : K5612-04MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 01 22:35:38 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...	3.542	4.044	218.9E6	53414512	20.197	21.345
28)	SA Decachlor...	8.327	9.122	144.5E6	41311581	14.725	14.670
Target Compounds							
2)	A alpha-BHC	3.985	4.436	1051.7E6	216.6E6	60.318	62.665
3)	MA gamma-BHC...	4.272	4.721	944.6E6	194.6E6	60.656	60.434
4)	MA Heptachlor	4.579	5.231	933.2E6	177.7E6	59.124	55.134
5)	MB Aldrin	4.831	5.537	827.1E6	168.9E6	57.859	56.653
6)	B beta-BHC	4.523	4.892	391.5E6	89601866	59.405	58.009
7)	B delta-BHC	4.731	5.109	828.7E6	171.8E6	54.446	56.885
8)	B Heptachlo...	5.277	5.923	828.1E6	157.7E6	61.347	54.071
9)	A Endosulfan I	5.618	6.280	713.3E6	149.0E6	58.031	54.943
10)	B gamma-Chl...	5.505	6.157	809.2E6	160.6E6	59.313	55.028
11)	B alpha-Chl...	5.563	6.229	765.6E6	160.6E6	57.546	55.028
12)	B 4,4'-DDE	5.726	6.386	662.5E6	148.7E6	55.752	52.785
13)	MA Dieldrin	5.863	6.537	721.6E6	160.6E6	55.368	56.291
14)	MA Endrin	6.122	6.755	620.8E6	127.3E6	53.562	52.451
15)	B Endosulfa...	6.394	6.964	577.8E6	140.2E6	51.683	54.883
16)	A 4,4'-DDD	6.244	6.876	498.8E6	122.4E6	56.043	58.719
17)	MA 4,4'-DDT	6.486	7.174	440.6E6	103.6E6	44.482	44.798
18)	B Endrin al...	6.563	7.088	442.0E6	111.6E6	48.202	50.811
19)	B Endosulfa...	6.776	7.311	511.4E6	126.4E6	50.276	51.496
20)	A Methoxychlor	7.032	7.632	219.4E6	58673372	44.504	45.171
21)	B Endrin ke...	7.270	7.782	563.8E6	145.2E6	52.373	56.323
22)	Mirex	7.463	8.236	435.0E6	112.0E6	50.861	55.370
23)	Chlordane-1	4.446f	5.039	6701113	719069	18.894	8.574 #
24)	Chlordane-2	4.943	5.537f	8173955	168.9E6	21.214	1719.734 #
25)	Chlordane-3	5.505	6.157	809.2E6	160.6E6	702.049	439.613 #
26)	Chlordane-4	5.563	6.229	765.6E6	160.6E6	816.650	357.819 #
27)	Chlordane-5	6.394	7.012f	577.8E6	1050680	1580.747	13.744 #

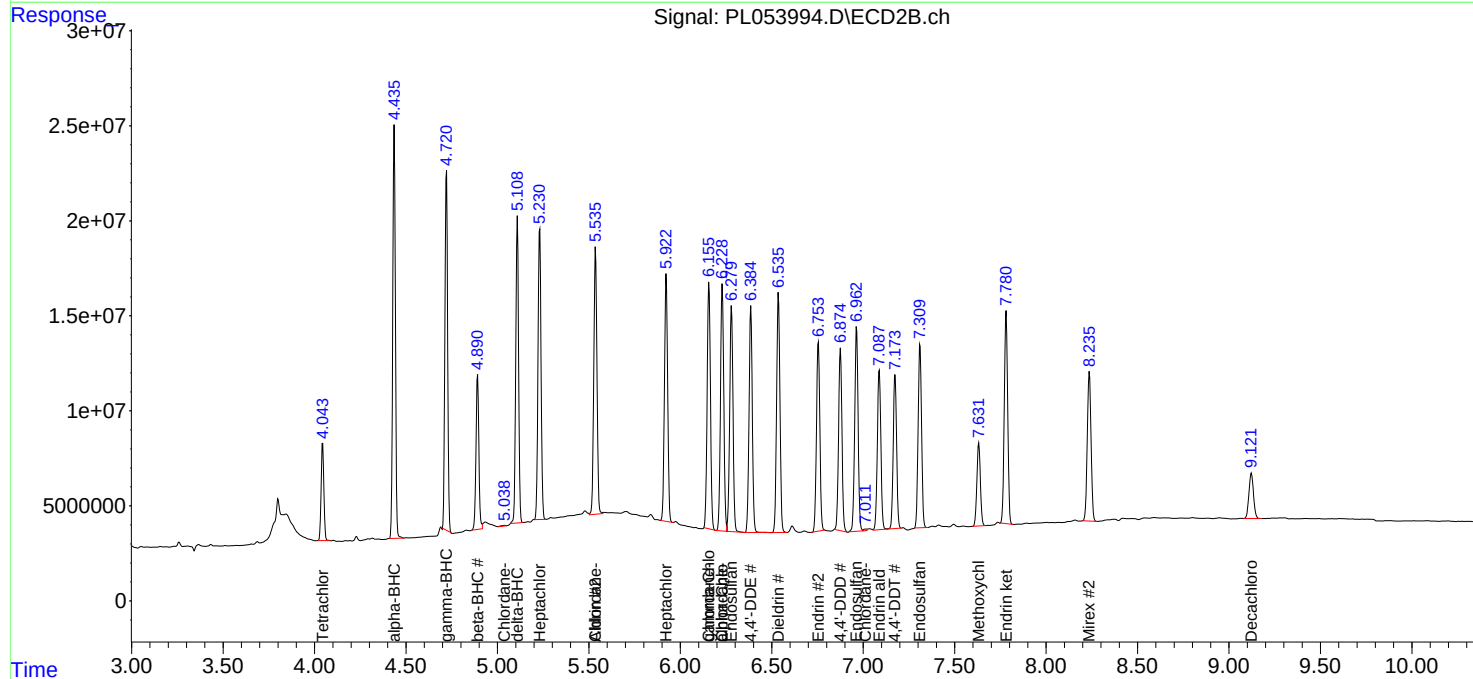
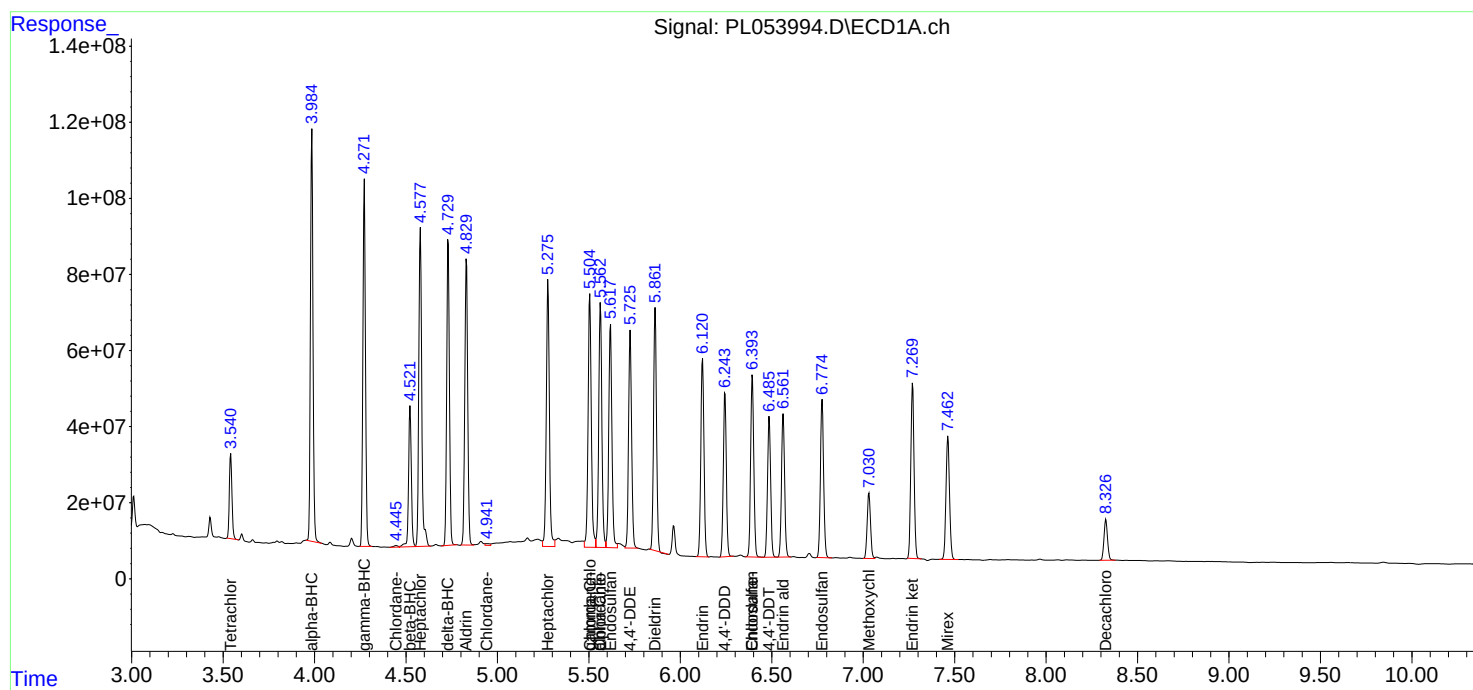
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

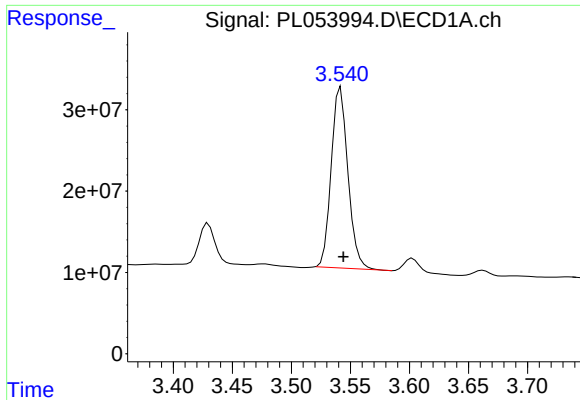
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110119\
 Data File : PL053994.D
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

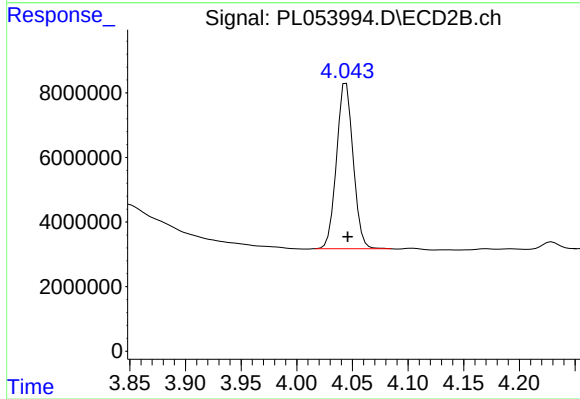




#1 Tetrachloro-m-xylene

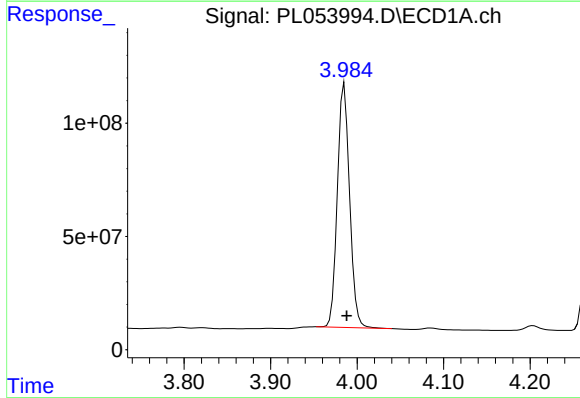
R.T.: 3.542 min
Delta R.T.: -0.002 min
Response: 218918009
Conc: 20.20 ng/ml

Instrument :
ECD_L
ClientSampleId :



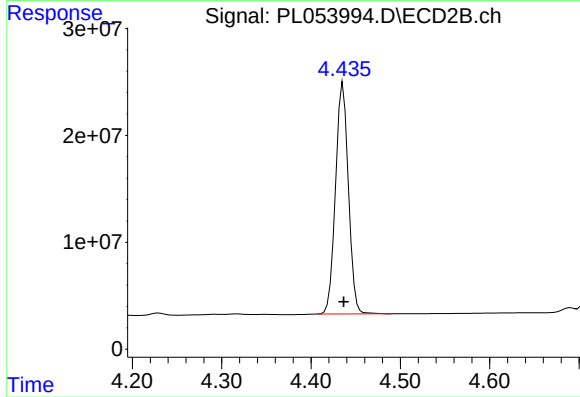
#1 Tetrachloro-m-xylene

R.T.: 4.044 min
Delta R.T.: -0.001 min
Response: 53414512
Conc: 21.35 ng/ml



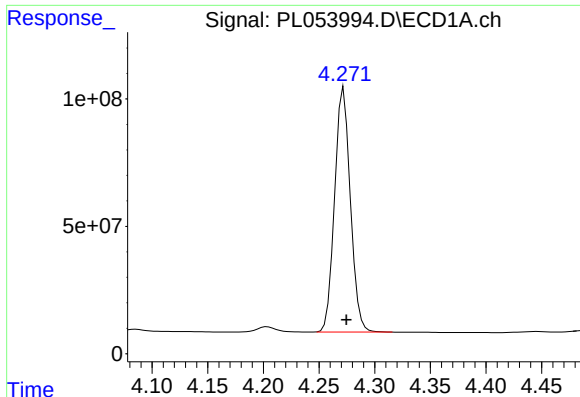
#2 alpha-BHC

R.T.: 3.985 min
Delta R.T.: -0.003 min
Response: 1051732354
Conc: 60.32 ng/ml



#2 alpha-BHC

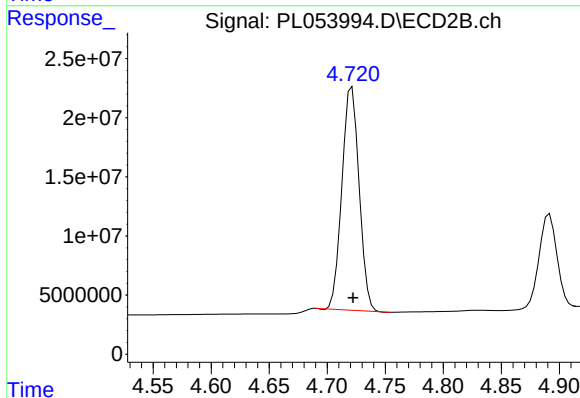
R.T.: 4.436 min
Delta R.T.: 0.000 min
Response: 216637519
Conc: 62.66 ng/ml



#3 gamma-BHC (Lindane)

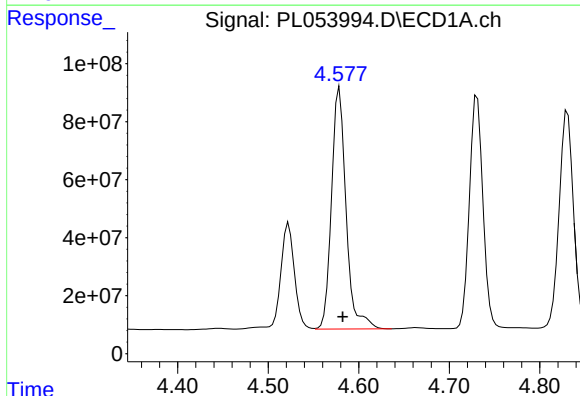
R.T.: 4.272 min
Delta R.T.: -0.002 min
Response: 944632621
Conc: 60.66 ng/ml

Instrument :
ECD_L
ClientSampleId :



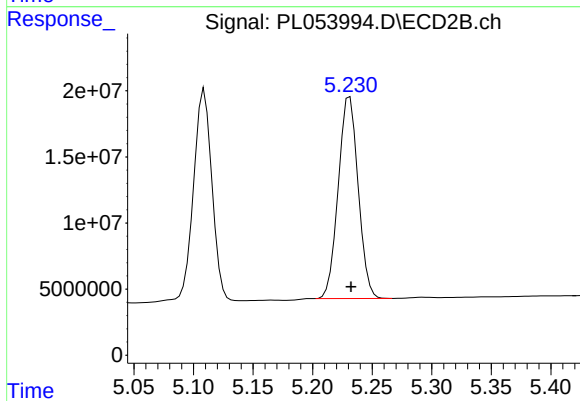
#3 gamma-BHC (Lindane)

R.T.: 4.721 min
Delta R.T.: -0.001 min
Response: 194622011
Conc: 60.43 ng/ml



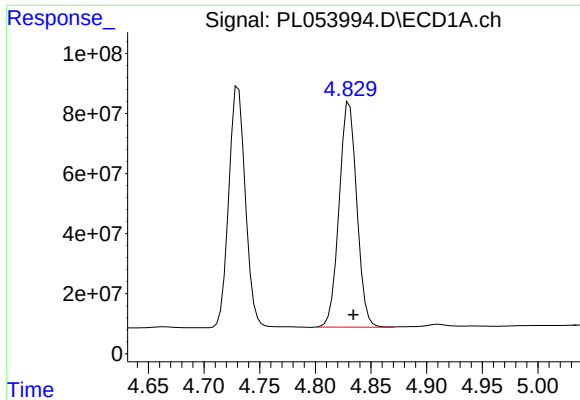
#4 Heptachlor

R.T.: 4.579 min
Delta R.T.: -0.004 min
Response: 933153327
Conc: 59.12 ng/ml



#4 Heptachlor

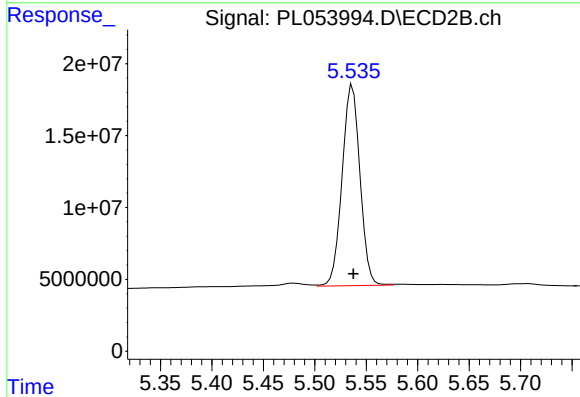
R.T.: 5.231 min
Delta R.T.: -0.001 min
Response: 177651269
Conc: 55.13 ng/ml



#5 Aldrin

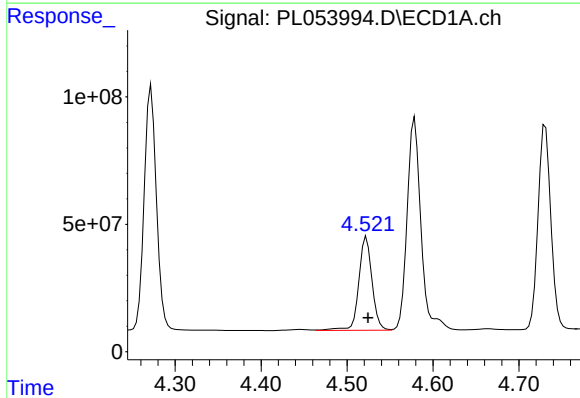
R.T.: 4.831 min
Delta R.T.: -0.004 min
Response: 827129749
Conc: 57.86 ng/ml

Instrument :
ECD_L
ClientSampleId :



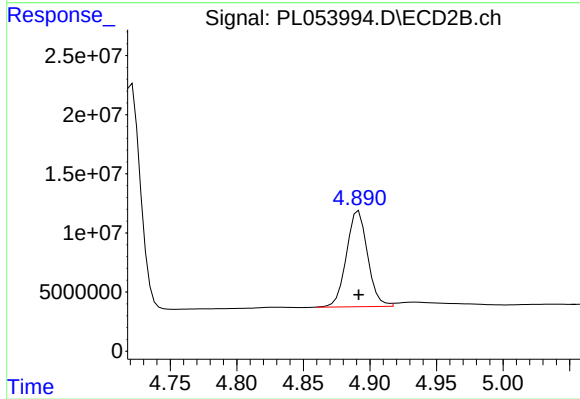
#5 Aldrin

R.T.: 5.537 min
Delta R.T.: -0.001 min
Response: 168914744
Conc: 56.65 ng/ml



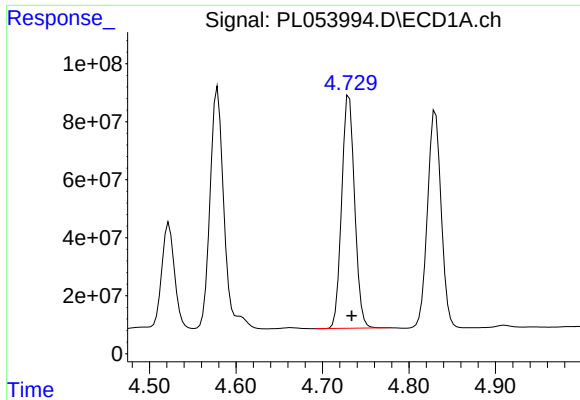
#6 beta-BHC

R.T.: 4.523 min
Delta R.T.: -0.002 min
Response: 391471895
Conc: 59.41 ng/ml



#6 beta-BHC

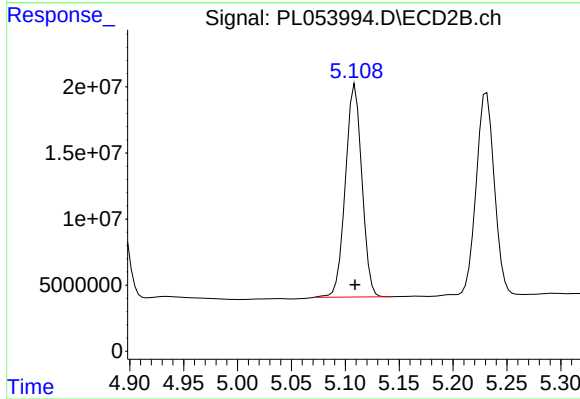
R.T.: 4.892 min
Delta R.T.: 0.000 min
Response: 89601866
Conc: 58.01 ng/ml



#7 delta-BHC

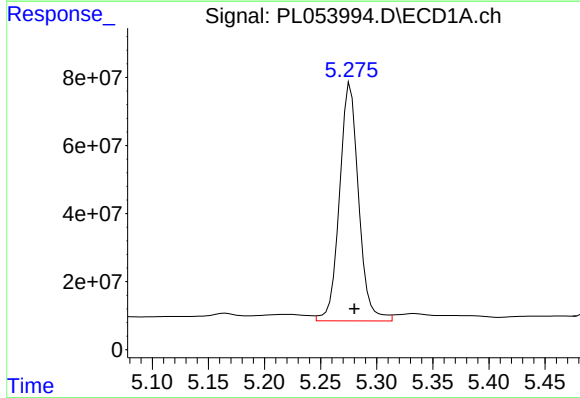
R.T.: 4.731 min
Delta R.T.: -0.003 min
Response: 828728526
Conc: 54.45 ng/ml

Instrument :
ECD_L
ClientSampleId :



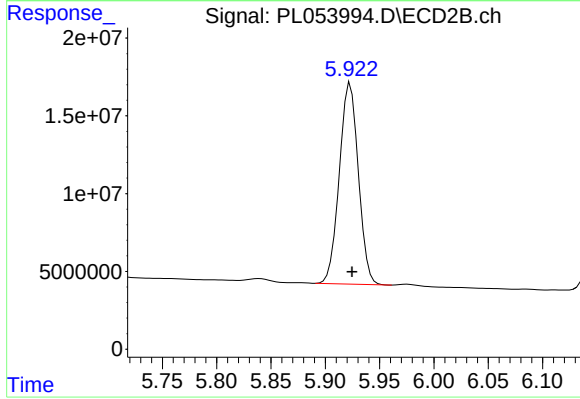
#7 delta-BHC

R.T.: 5.109 min
Delta R.T.: 0.000 min
Response: 171826513
Conc: 56.88 ng/ml



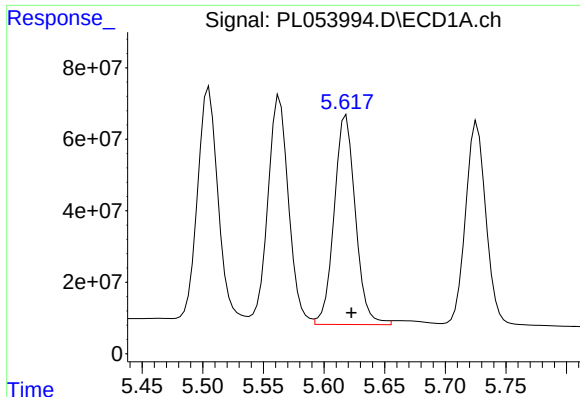
#8 Heptachlor epoxide

R.T.: 5.277 min
Delta R.T.: -0.004 min
Response: 828130678
Conc: 61.35 ng/ml



#8 Heptachlor epoxide

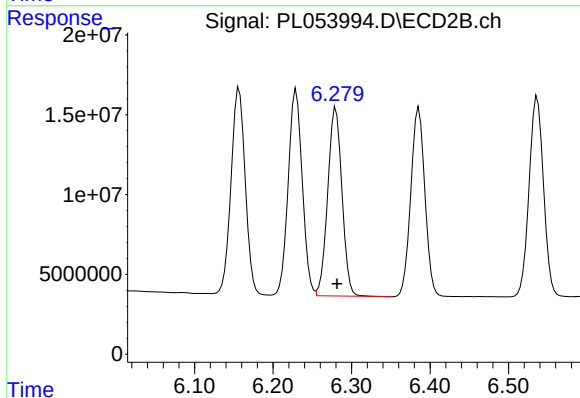
R.T.: 5.923 min
Delta R.T.: -0.001 min
Response: 157693477
Conc: 54.07 ng/ml



#9 Endosulfan I

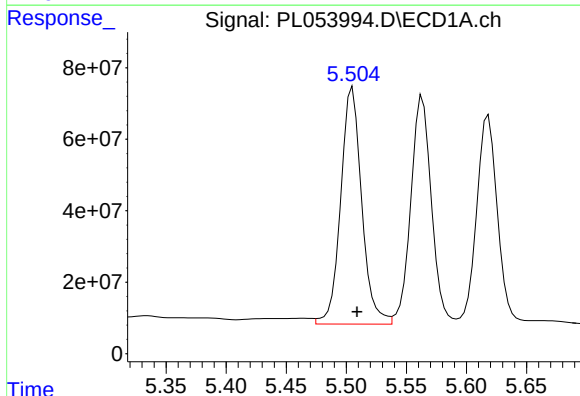
R.T.: 5.618 min
Delta R.T.: -0.004 min
Response: 713320598
Conc: 58.03 ng/ml

Instrument :
ECD_L
ClientSampleId :



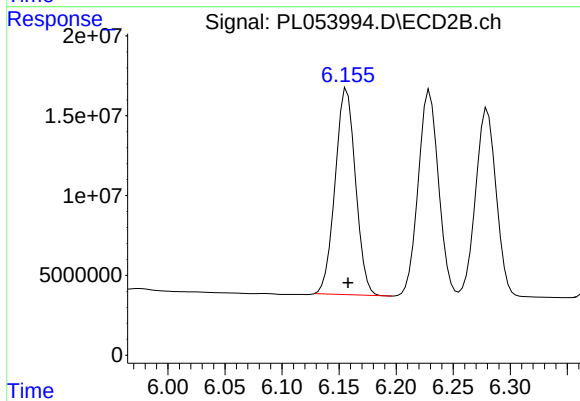
#9 Endosulfan I

R.T.: 6.280 min
Delta R.T.: -0.001 min
Response: 148964390
Conc: 54.94 ng/ml



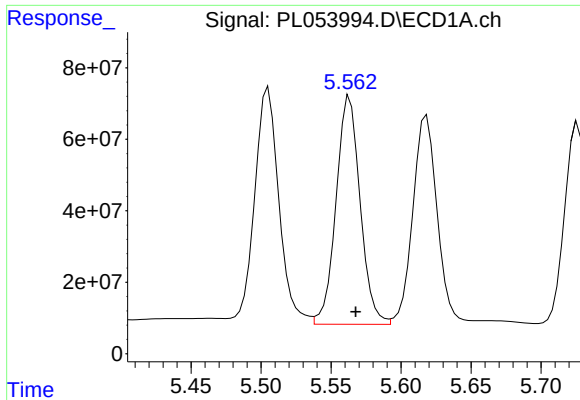
#10 gamma-Chlordane

R.T.: 5.505 min
Delta R.T.: -0.004 min
Response: 809242647
Conc: 59.31 ng/ml



#10 gamma-Chlordane

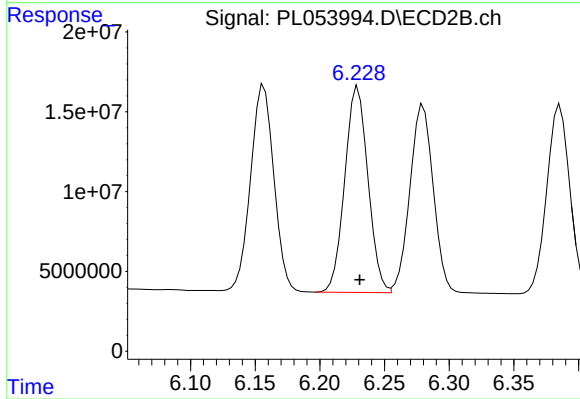
R.T.: 6.157 min
Delta R.T.: -0.001 min
Response: 160560005
Conc: 55.03 ng/ml



#11 alpha-Chlordane

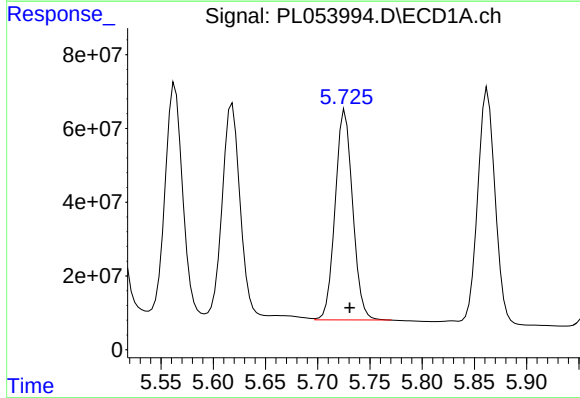
R.T.: 5.563 min
Delta R.T.: -0.004 min
Response: 765569729
Conc: 57.55 ng/ml

Instrument :
ECD_L
ClientSampleId :



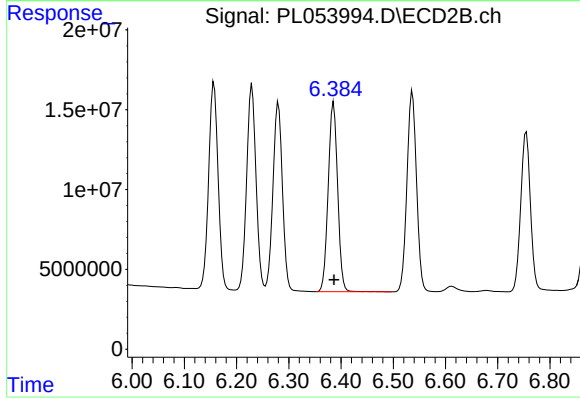
#11 alpha-Chlordane

R.T.: 6.229 min
Delta R.T.: -0.001 min
Response: 160638144
Conc: 55.03 ng/ml



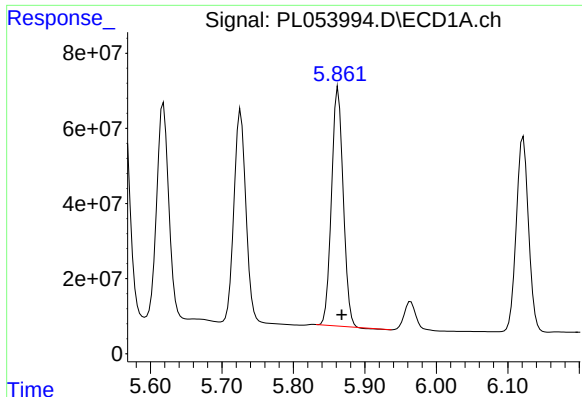
#12 4,4'-DDE

R.T.: 5.726 min
Delta R.T.: -0.005 min
Response: 662462512
Conc: 55.75 ng/ml



#12 4,4'-DDE

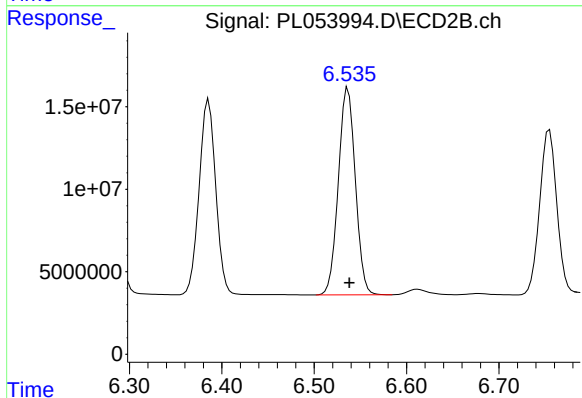
R.T.: 6.386 min
Delta R.T.: -0.001 min
Response: 148662328
Conc: 52.79 ng/ml



#13 Dieldrin

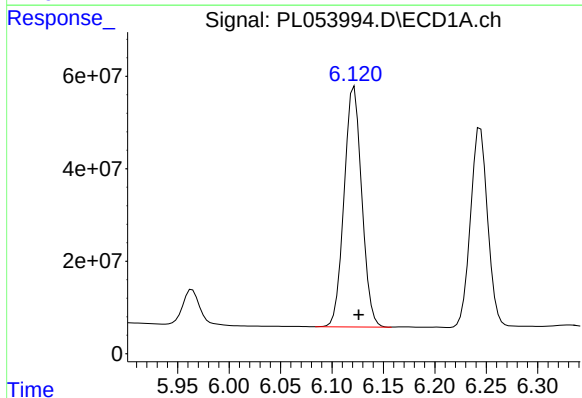
R.T.: 5.863 min
Delta R.T.: -0.005 min
Response: 721634656
Conc: 55.37 ng/ml

Instrument :
ECD_L
ClientSampleId :



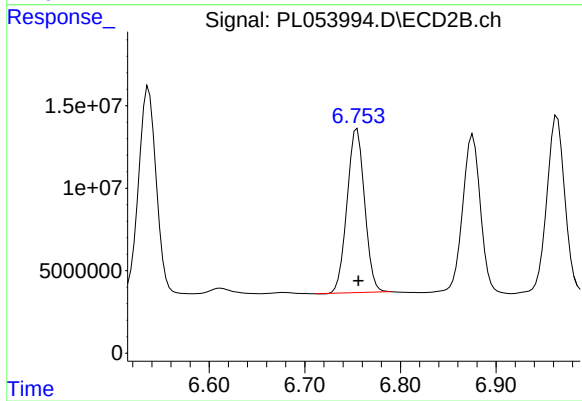
#13 Dieldrin

R.T.: 6.537 min
Delta R.T.: -0.002 min
Response: 160634047
Conc: 56.29 ng/ml



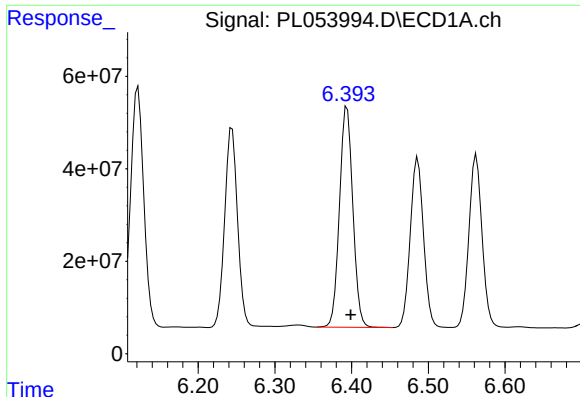
#14 Endrin

R.T.: 6.122 min
Delta R.T.: -0.004 min
Response: 620849458
Conc: 53.56 ng/ml



#14 Endrin

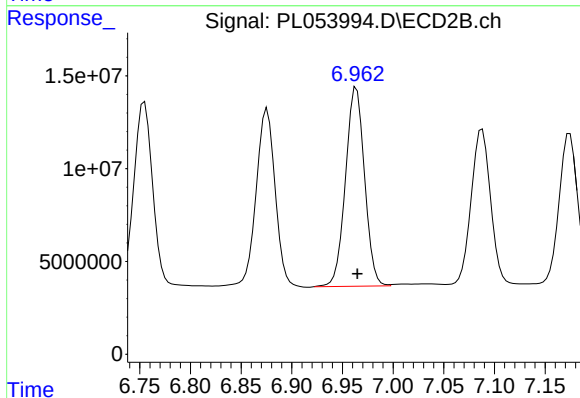
R.T.: 6.755 min
Delta R.T.: -0.001 min
Response: 127308077
Conc: 52.45 ng/ml



#15 Endosulfan II

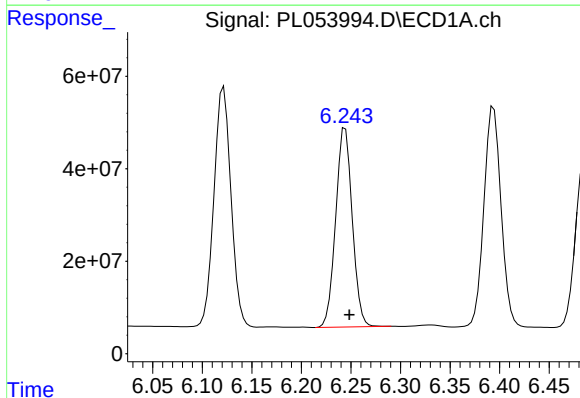
R.T.: 6.394 min
Delta R.T.: -0.005 min
Response: 577833027
Conc: 51.68 ng/ml

Instrument :
ECD_L
ClientSampleId :



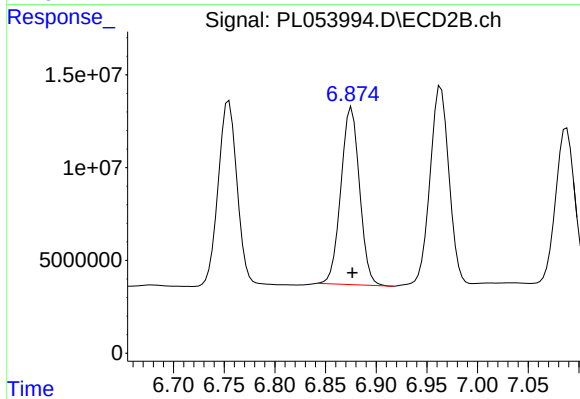
#15 Endosulfan II

R.T.: 6.964 min
Delta R.T.: -0.001 min
Response: 140197905
Conc: 54.88 ng/ml



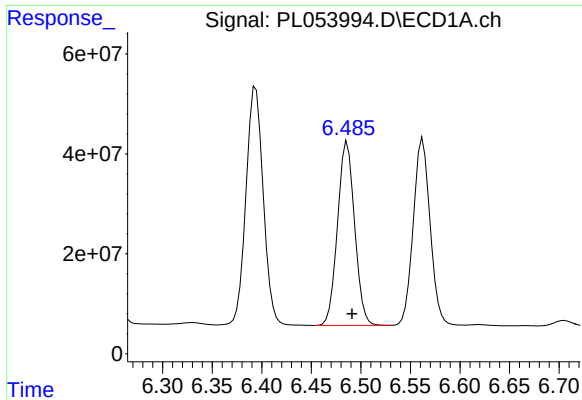
#16 4,4'-DDD

R.T.: 6.244 min
Delta R.T.: -0.004 min
Response: 498775434
Conc: 56.04 ng/ml



#16 4,4'-DDD

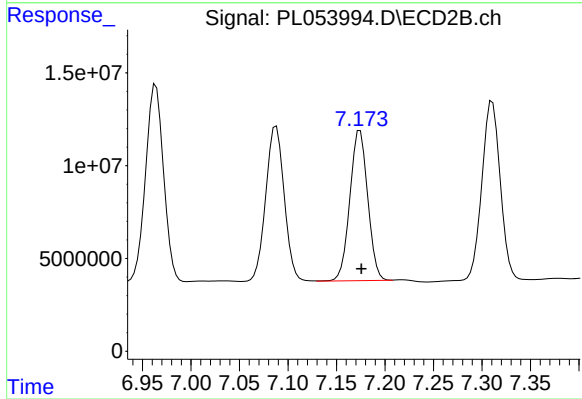
R.T.: 6.876 min
Delta R.T.: 0.000 min
Response: 122367974
Conc: 58.72 ng/ml



#17 4,4'-DDT

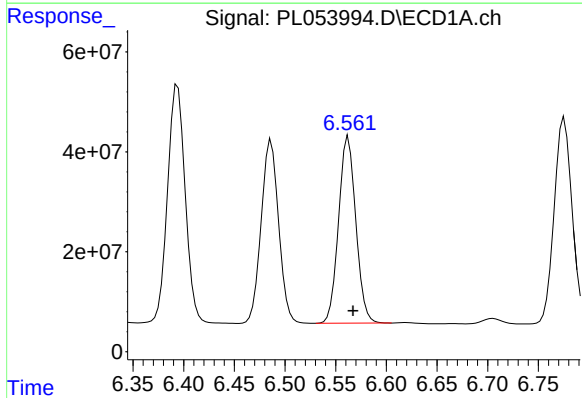
R.T.: 6.486 min
Delta R.T.: -0.005 min
Response: 440649985
Conc: 44.48 ng/ml

Instrument :
ECD_L
ClientSampleId :



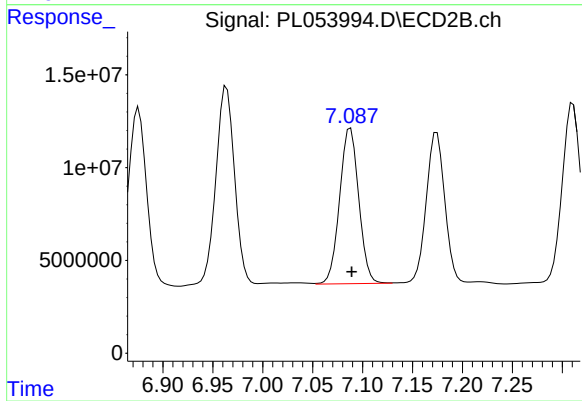
#17 4,4'-DDT

R.T.: 7.174 min
Delta R.T.: -0.001 min
Response: 103596457
Conc: 44.80 ng/ml



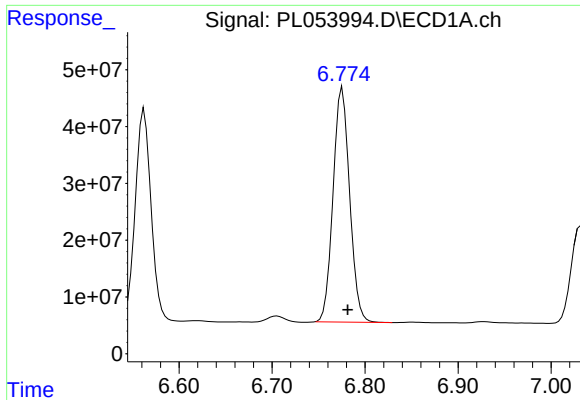
#18 Endrin aldehyde

R.T.: 6.563 min
Delta R.T.: -0.004 min
Response: 441977496
Conc: 48.20 ng/ml



#18 Endrin aldehyde

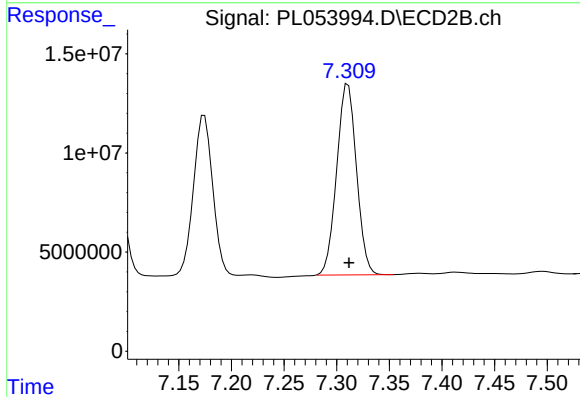
R.T.: 7.088 min
Delta R.T.: -0.001 min
Response: 111619435
Conc: 50.81 ng/ml



#19 Endosulfan Sulfate

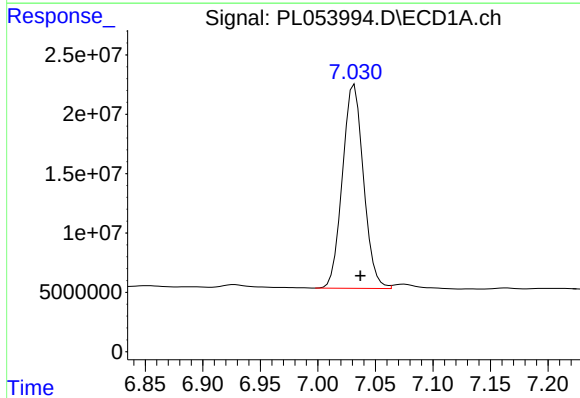
R.T.: 6.776 min
Delta R.T.: -0.006 min
Response: 511392719
Conc: 50.28 ng/ml

Instrument :
ECD_L
ClientSampleId :



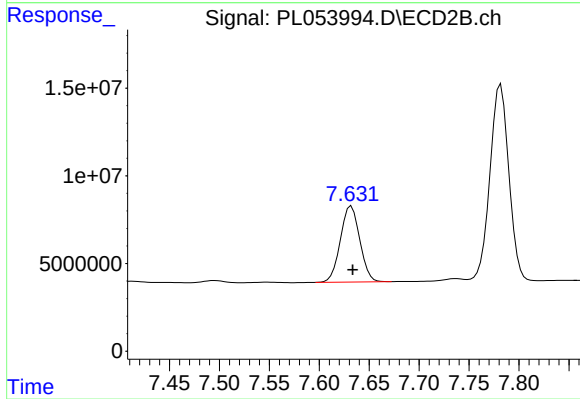
#19 Endosulfan Sulfate

R.T.: 7.311 min
Delta R.T.: 0.000 min
Response: 126351393
Conc: 51.50 ng/ml



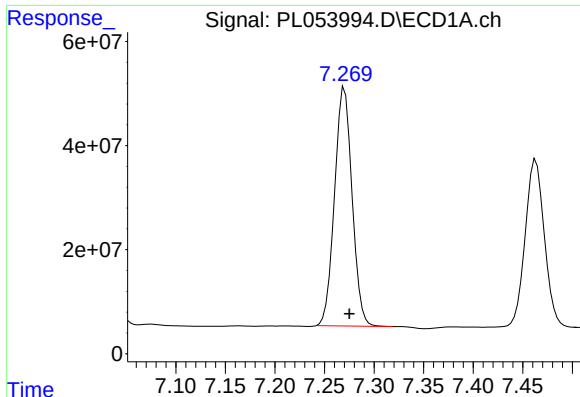
#20 Methoxychlor

R.T.: 7.032 min
Delta R.T.: -0.005 min
Response: 219419588
Conc: 44.50 ng/ml



#20 Methoxychlor

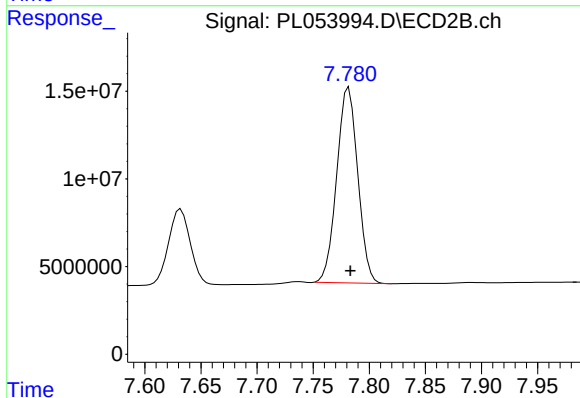
R.T.: 7.632 min
Delta R.T.: -0.001 min
Response: 58673372
Conc: 45.17 ng/ml



#21 Endrin ketone

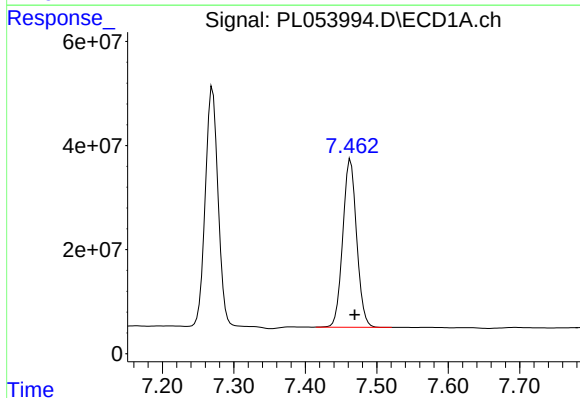
R.T.: 7.270 min
Delta R.T.: -0.005 min
Response: 563804596
Conc: 52.37 ng/ml

Instrument :
ECD_L
ClientSampleId :



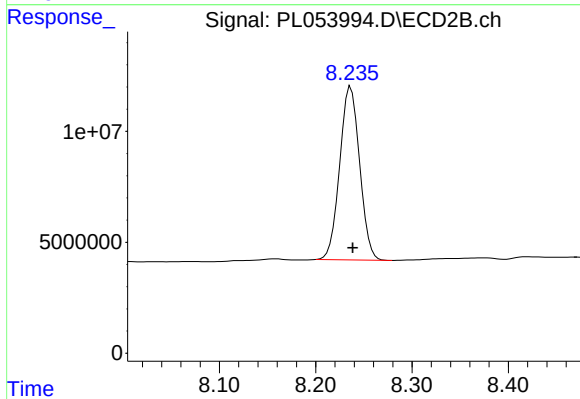
#21 Endrin ketone

R.T.: 7.782 min
Delta R.T.: -0.001 min
Response: 145227656
Conc: 56.32 ng/ml



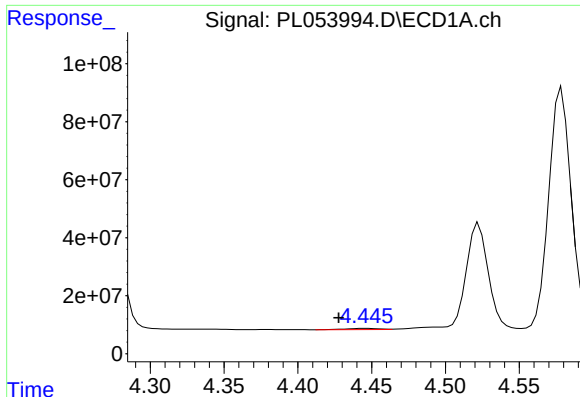
#22 Mirex

R.T.: 7.463 min
Delta R.T.: -0.006 min
Response: 435015807
Conc: 50.86 ng/ml



#22 Mirex

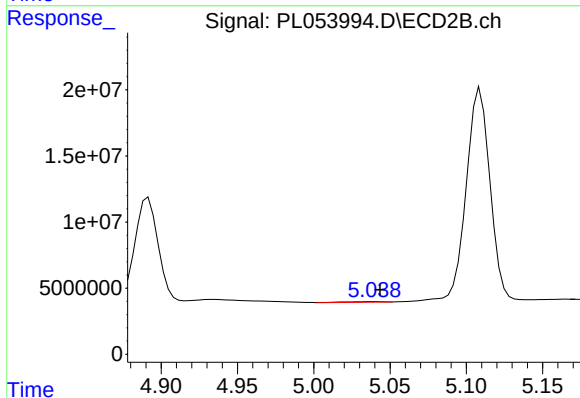
R.T.: 8.236 min
Delta R.T.: -0.002 min
Response: 112017508
Conc: 55.37 ng/ml



#23 Chlordane-1

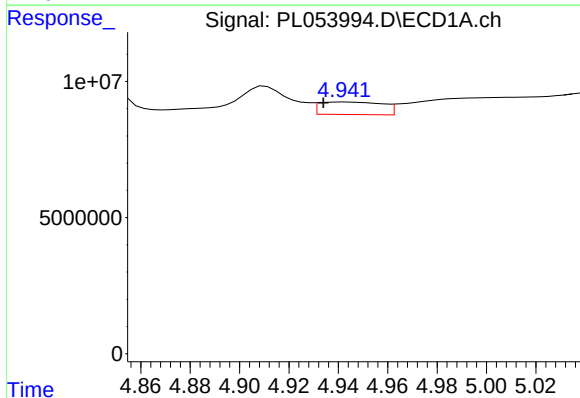
R.T.: 4.446 min
Delta R.T.: 0.018 min
Response: 6701113
Conc: 18.89 ng/ml

Instrument :
ECD_L
ClientSampleId :



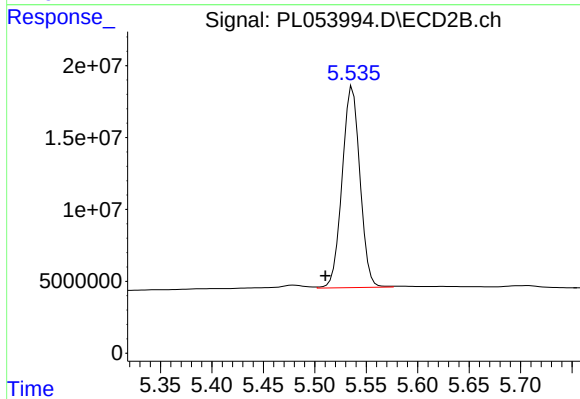
#23 Chlordane-1

R.T.: 5.039 min
Delta R.T.: -0.004 min
Response: 719069
Conc: 8.57 ng/ml



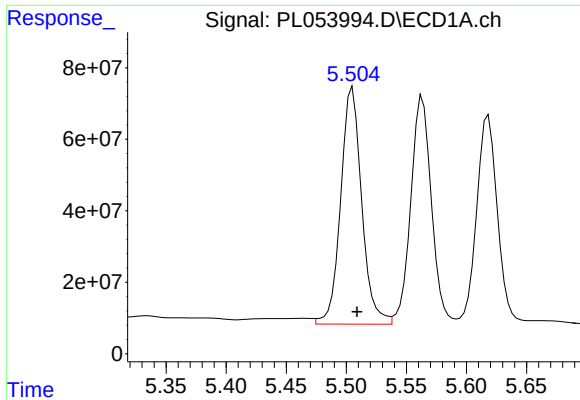
#24 Chlordane-2

R.T.: 4.943 min
Delta R.T.: 0.009 min
Response: 8173955
Conc: 21.21 ng/ml



#24 Chlordane-2

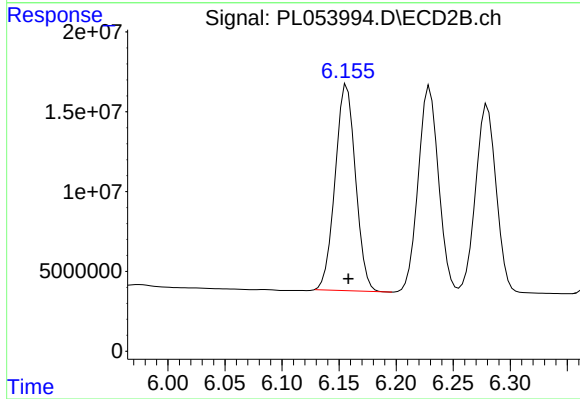
R.T.: 5.537 min
Delta R.T.: 0.026 min
Response: 168914744
Conc: 1719.73 ng/ml



#25 Chlordane-3

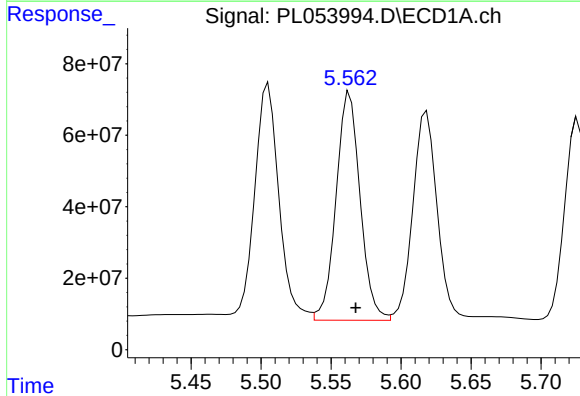
R.T.: 5.505 min
Delta R.T.: -0.004 min
Response: 809242647
Conc: 702.05 ng/ml

Instrument :
ECD_L
ClientSampleId :



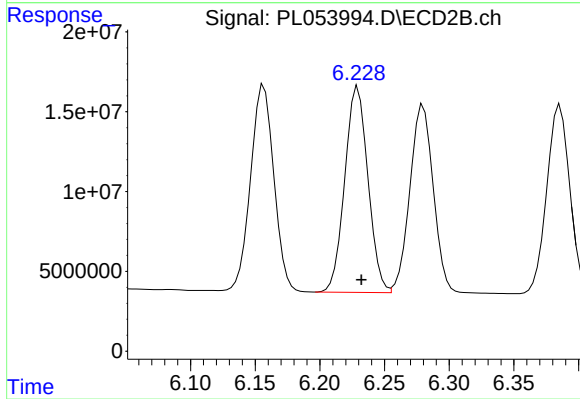
#25 Chlordane-3

R.T.: 6.157 min
Delta R.T.: -0.001 min
Response: 160560005
Conc: 439.61 ng/ml



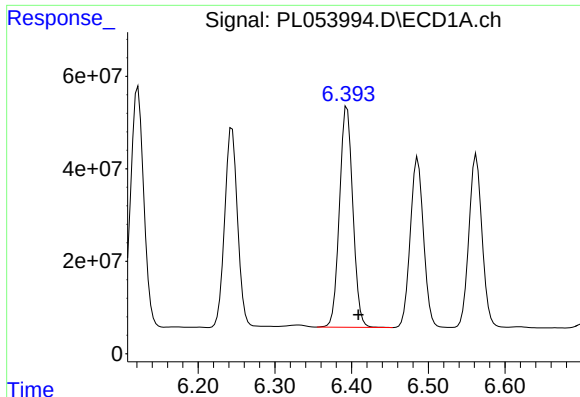
#26 Chlordane-4

R.T.: 5.563 min
Delta R.T.: -0.004 min
Response: 765569729
Conc: 816.65 ng/ml



#26 Chlordane-4

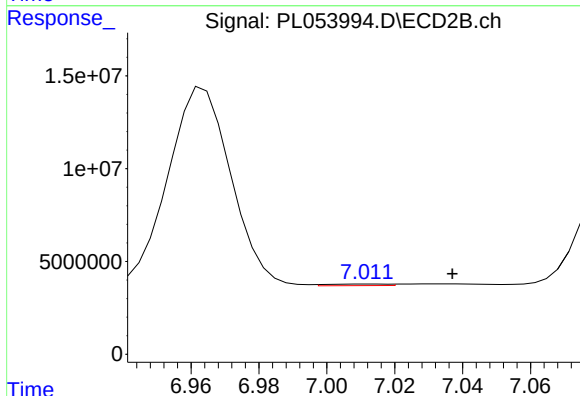
R.T.: 6.229 min
Delta R.T.: -0.003 min
Response: 160638144
Conc: 357.82 ng/ml



#27 Chlordane-5

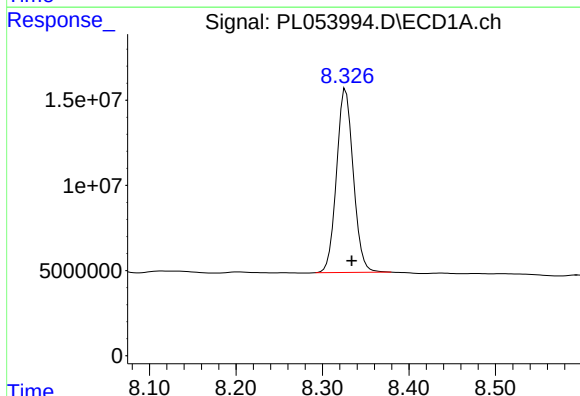
R.T.: 6.394 min
Delta R.T.: -0.015 min
Response: 577833027
Conc: 1580.75 ng/ml

Instrument :
ECD_L
ClientSampleId :



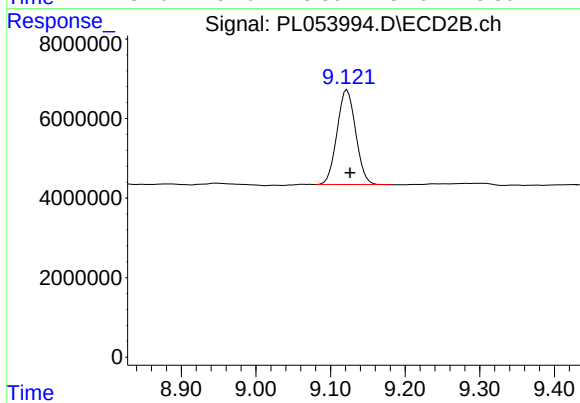
#27 Chlordane-5

R.T.: 7.012 min
Delta R.T.: -0.025 min
Response: 1050680
Conc: 13.74 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.327 min
Delta R.T.: -0.007 min
Response: 144471889
Conc: 14.72 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.122 min
Delta R.T.: -0.004 min
Response: 41311581
Conc: 14.67 ng/ml