

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092619\
 Data File : PL052766.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Sep 2019 18:06
 Operator : SG\AJ
 Sample : K5021-01MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 RT-1488-RBR200031-RBR200036M

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 27 00:50:56 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL091719.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 17 11:25:25 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...	3.550	4.048	208.2E6	56080040	26.705	25.737
28)	SA Decachlor...	8.349	9.127	201.4E6	51284690	23.033	21.416
Target Compounds							
2)	A alpha-BHC	3.995	4.440	978.1E6	216.7E6	81.359	70.891
3)	MA gamma-BHC...	4.282	4.725	871.5E6	226.2E6	77.027	78.346
4)	MA Heptachlor	4.592	5.235	911.1E6	232.8E6	80.637	79.330
5)	MB Aldrin	4.844	5.541	881.8E6	215.9E6	81.656	81.500
6)	B beta-BHC	4.533	4.893	459.8E6	97783521	93.950	73.320
7)	B delta-BHC	4.741	5.111	834.0E6	228.8E6	73.800	79.907
8)	B Heptachlo...	5.291	5.926	787.4E6	207.4E6	77.068	79.102
9)	A Endosulfan I	5.635	6.283	730.6E6	173.3E6	74.894	74.355
10)	B gamma-Chl...	5.520	6.160	821.0E6	199.2E6	77.307	78.300
11)	B alpha-Chl...	5.579	6.233	781.3E6	190.3E6	75.580	76.161
12)	B 4,4'-DDE	5.743	6.388	856.3E6	224.3E6	91.766	91.994
13)	MA Dieldrin	5.879	6.540	806.1E6	201.1E6	77.762	82.359
14)	MA Endrin	6.138	6.758	709.2E6	158.2E6	85.785	81.710
15)	B Endosulfa...	6.411	6.966	674.4E6	163.7E6	69.531	73.319
16)	A 4,4'-DDD	6.261	6.877	600.2E6	157.3E6	78.368	85.421
17)	MA 4,4'-DDT	6.504	7.177	722.6E6	175.5E6	93.106	95.933
18)	B Endrin al...	6.579	7.090	628.8E6	134.9E6	81.324	72.717
19)	B Endosulfa...	6.793	7.313	645.0E6	157.6E6	77.765	76.746
20)	A Methoxychlor	7.051	7.634	334.2E6	78958098	82.662	77.920
21)	B Endrin ke...	7.287	7.784	666.7E6	164.3E6	64.208	73.990
22)	Mirex	7.483	8.240	501.5E6	120.8E6	65.580	70.611
23)	Chlordane-1	4.437	5.016f	9266911	943016	34.448	12.145 #
25)	Chlordane-3	5.520	6.160	821.0E6	199.2E6	848.625	651.032
26)	Chlordane-4	5.579	6.233	781.3E6	190.3E6	992.820	494.664 #
27)	Chlordane-5	6.411f	0.000	674.4E6	0	2190.166	N.D. #

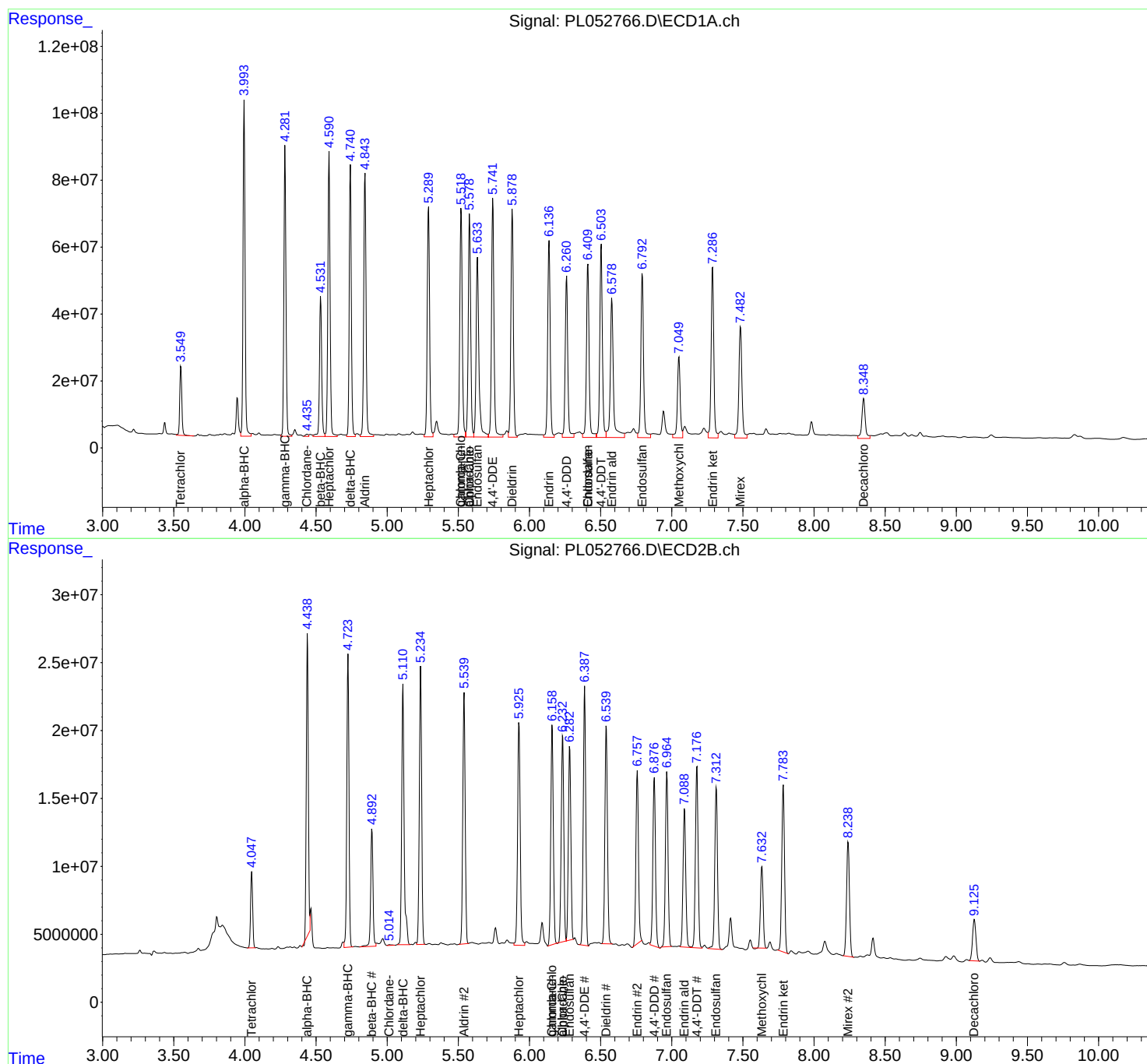
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

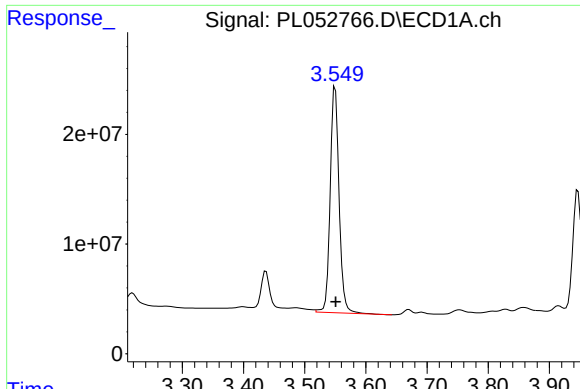
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092619\
Data File : PL052766.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 26 Sep 2019 18:06
Operator : SG\AJ
Sample : K5021-01MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
RT-1488-RBR200031-RBR200036M

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 27 00:50:56 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL091719.M
Quant Title : GC Extractables
QLast Update : Tue Sep 17 11:25:25 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

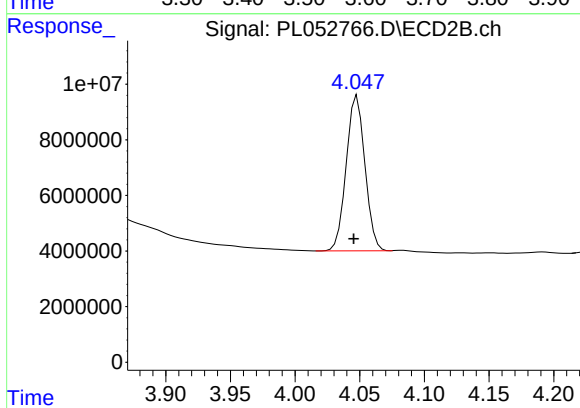




#1 Tetrachloro-m-xylene

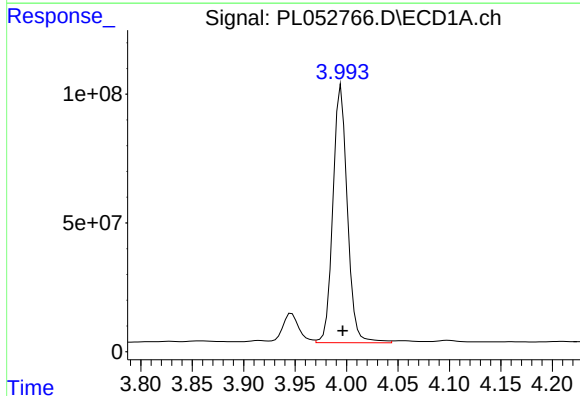
R.T.: 3.550 min
Delta R.T.: -0.001 min
Response: 208238461
Conc: 26.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT-1488-RBR200031-RBR200036M



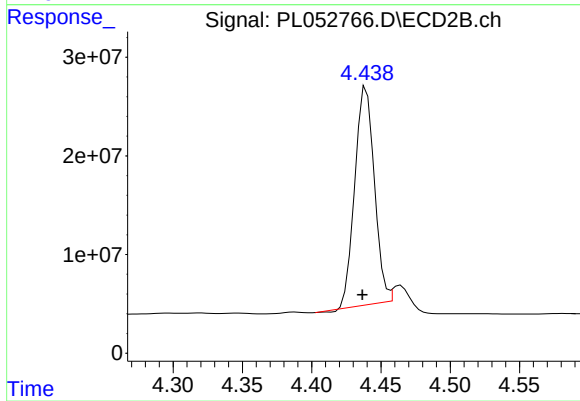
#1 Tetrachloro-m-xylene

R.T.: 4.048 min
Delta R.T.: 0.003 min
Response: 56080040
Conc: 25.74 ng/ml



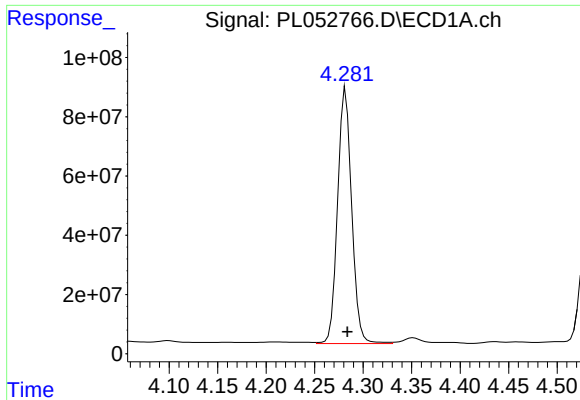
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: -0.001 min
Response: 978134424
Conc: 81.36 ng/ml



#2 alpha-BHC

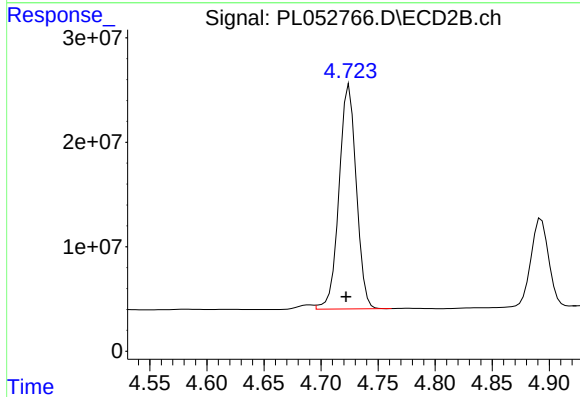
R.T.: 4.440 min
Delta R.T.: 0.003 min
Response: 216685052
Conc: 70.89 ng/ml



#3 gamma-BHC (Lindane)

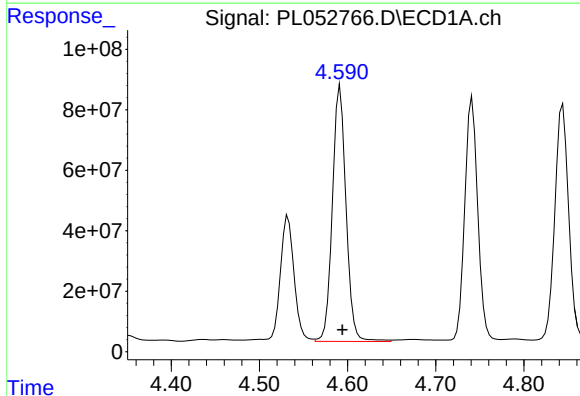
R.T.: 4.282 min
Delta R.T.: -0.002 min
Response: 871514062
Conc: 77.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT-1488-RBR200031-RBR200036M



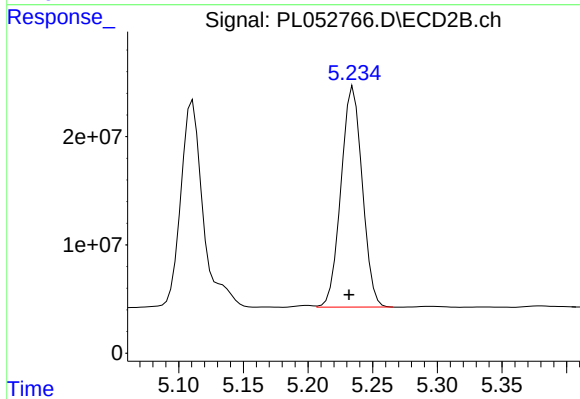
#3 gamma-BHC (Lindane)

R.T.: 4.725 min
Delta R.T.: 0.003 min
Response: 226223520
Conc: 78.35 ng/ml



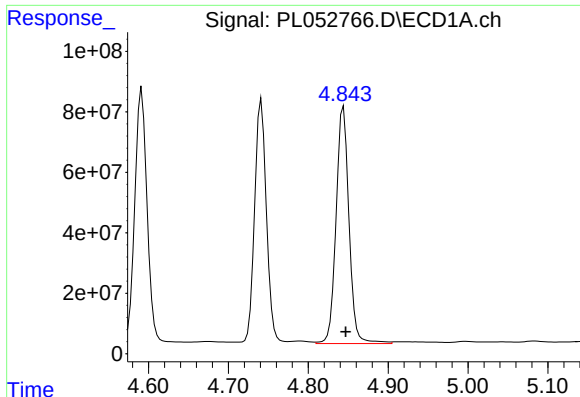
#4 Heptachlor

R.T.: 4.592 min
Delta R.T.: -0.002 min
Response: 911126864
Conc: 80.64 ng/ml



#4 Heptachlor

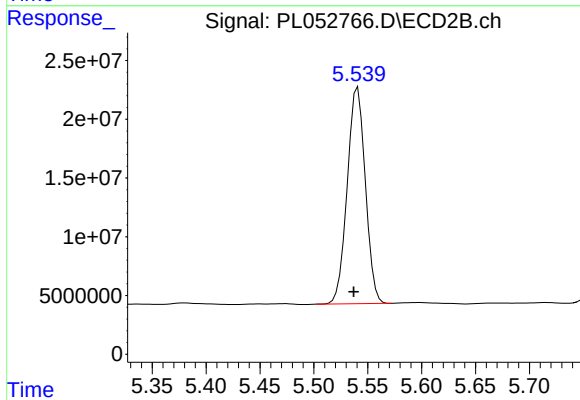
R.T.: 5.235 min
Delta R.T.: 0.003 min
Response: 232817865
Conc: 79.33 ng/ml



#5 Aldrin

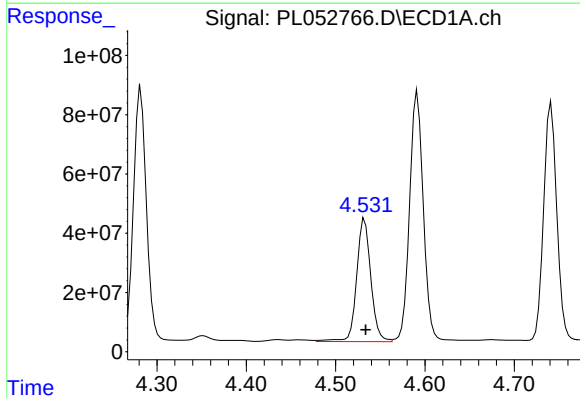
R.T.: 4.844 min
Delta R.T.: -0.003 min
Response: 881761988
Conc: 81.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT-1488-RBR200031-RBR200036M



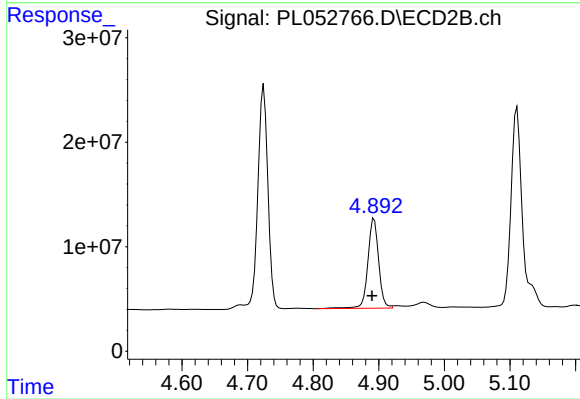
#5 Aldrin

R.T.: 5.541 min
Delta R.T.: 0.004 min
Response: 215874084
Conc: 81.50 ng/ml



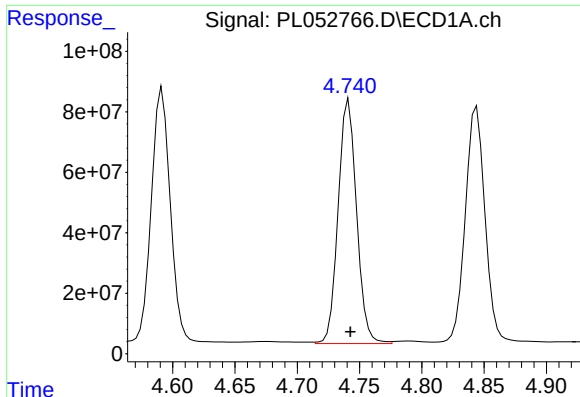
#6 beta-BHC

R.T.: 4.533 min
Delta R.T.: -0.001 min
Response: 459774252
Conc: 93.95 ng/ml



#6 beta-BHC

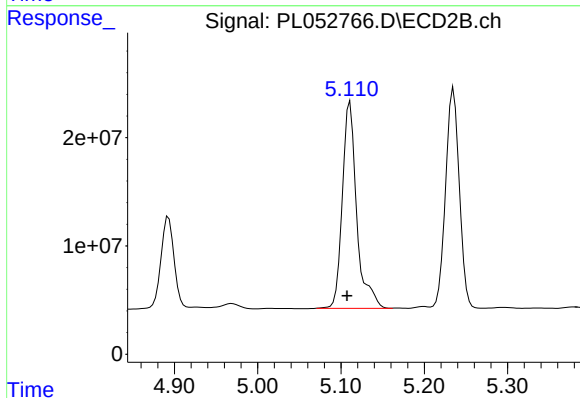
R.T.: 4.893 min
Delta R.T.: 0.003 min
Response: 97783521
Conc: 73.32 ng/ml



#7 delta-BHC

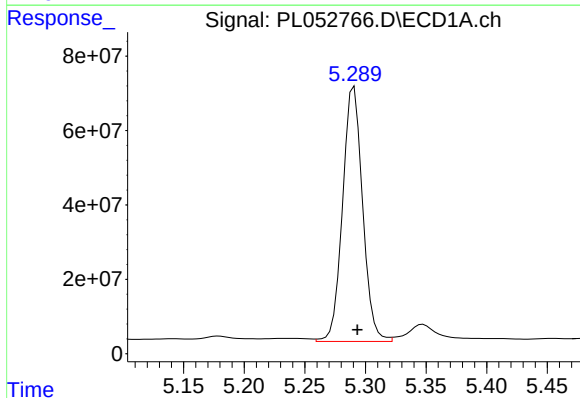
R.T.: 4.741 min
Delta R.T.: -0.001 min
Response: 833973810
Conc: 73.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT-1488-RBR200031-RBR200036M



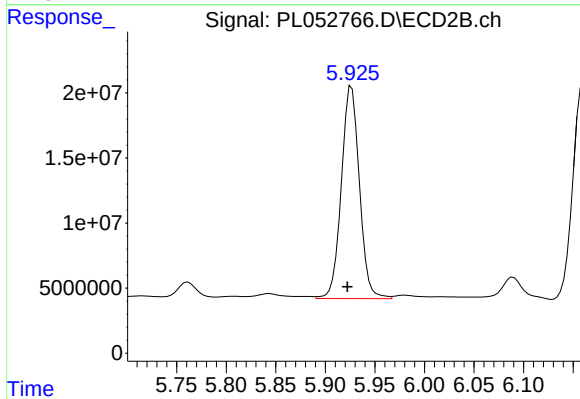
#7 delta-BHC

R.T.: 5.111 min
Delta R.T.: 0.003 min
Response: 228760324
Conc: 79.91 ng/ml



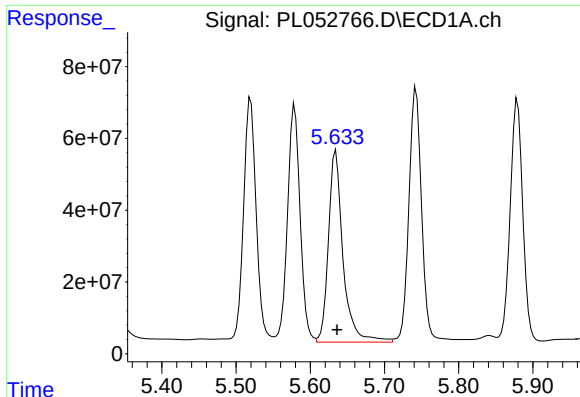
#8 Heptachlor epoxide

R.T.: 5.291 min
Delta R.T.: -0.003 min
Response: 787424864
Conc: 77.07 ng/ml



#8 Heptachlor epoxide

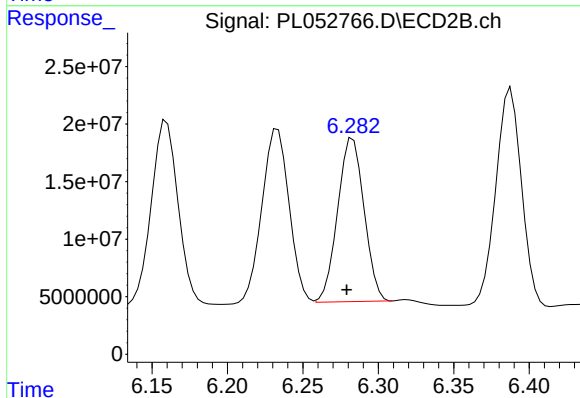
R.T.: 5.926 min
Delta R.T.: 0.004 min
Response: 207444362
Conc: 79.10 ng/ml



#9 Endosulfan I

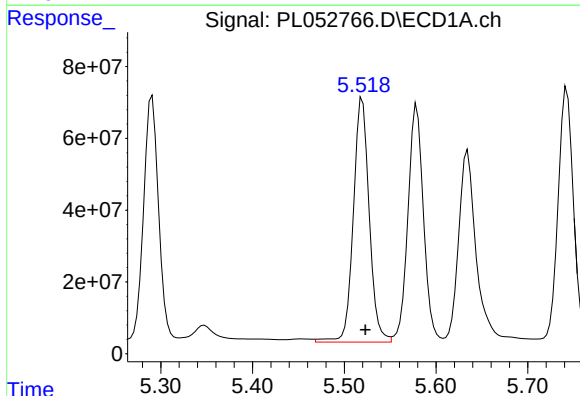
R.T.: 5.635 min
Delta R.T.: -0.002 min
Response: 730641675
Conc: 74.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT-1488-RBR200031-RBR200036M



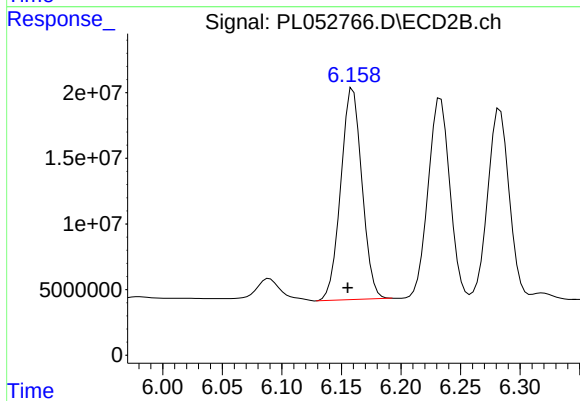
#9 Endosulfan I

R.T.: 6.283 min
Delta R.T.: 0.004 min
Response: 173337218
Conc: 74.35 ng/ml



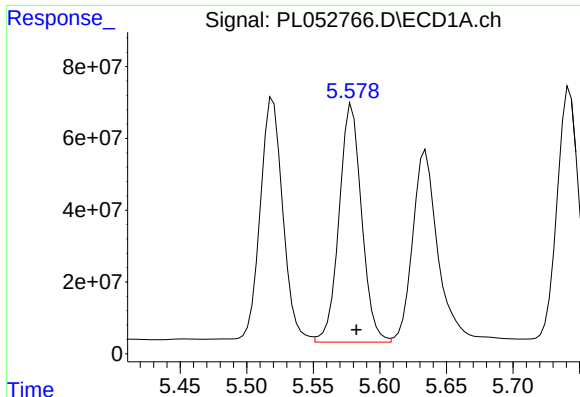
#10 gamma-Chlordane

R.T.: 5.520 min
Delta R.T.: -0.004 min
Response: 821009484
Conc: 77.31 ng/ml



#10 gamma-Chlordane

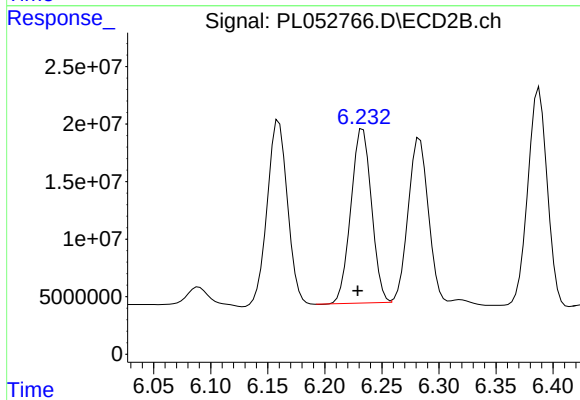
R.T.: 6.160 min
Delta R.T.: 0.004 min
Response: 199195562
Conc: 78.30 ng/ml



#11 alpha-Chlordane

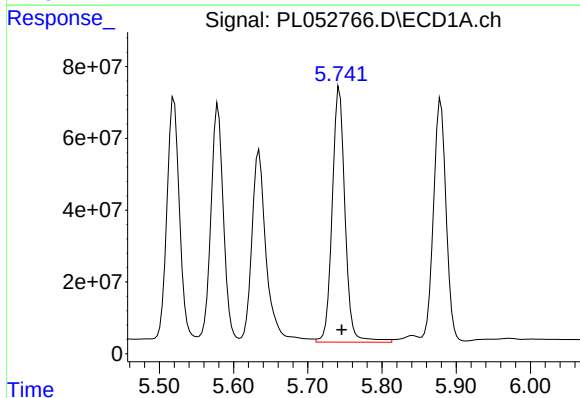
R.T.: 5.579 min
Delta R.T.: -0.003 min
Response: 781294381
Conc: 75.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT-1488-RBR200031-RBR200036M



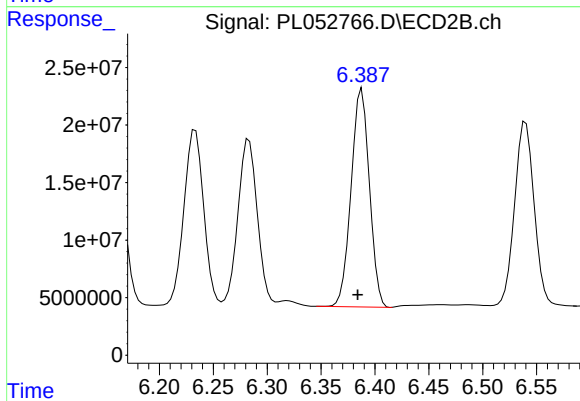
#11 alpha-Chlordane

R.T.: 6.233 min
Delta R.T.: 0.005 min
Response: 190253395
Conc: 76.16 ng/ml



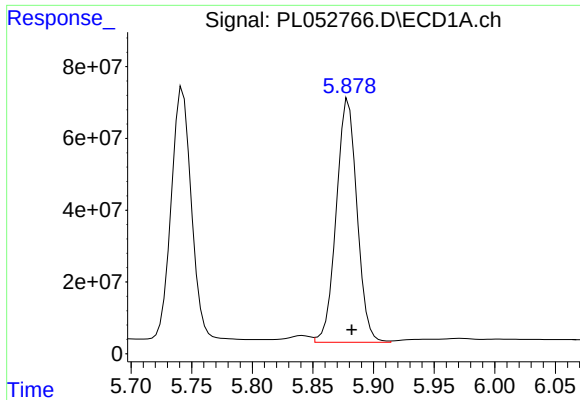
#12 4,4'-DDE

R.T.: 5.743 min
Delta R.T.: -0.003 min
Response: 856272417
Conc: 91.77 ng/ml



#12 4,4'-DDE

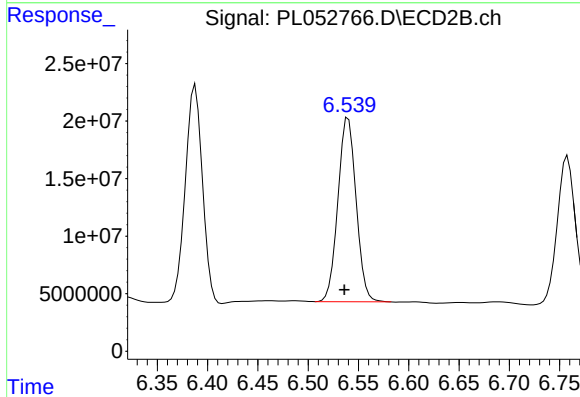
R.T.: 6.388 min
Delta R.T.: 0.004 min
Response: 224281610
Conc: 91.99 ng/ml



#13 Dieldrin

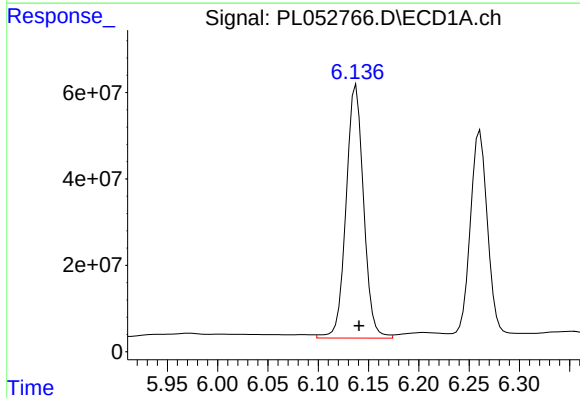
R.T.: 5.879 min
Delta R.T.: -0.003 min
Response: 806085897
Conc: 77.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT-1488-RBR200031-RBR200036M



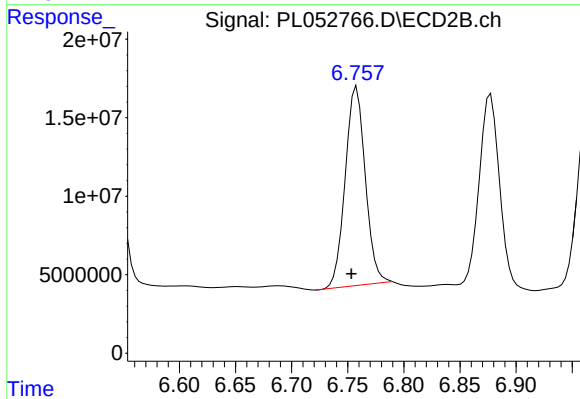
#13 Dieldrin

R.T.: 6.540 min
Delta R.T.: 0.004 min
Response: 201127385
Conc: 82.36 ng/ml



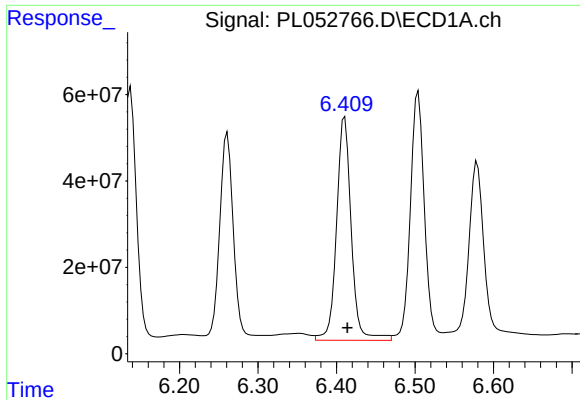
#14 Endrin

R.T.: 6.138 min
Delta R.T.: -0.003 min
Response: 709245532
Conc: 85.78 ng/ml



#14 Endrin

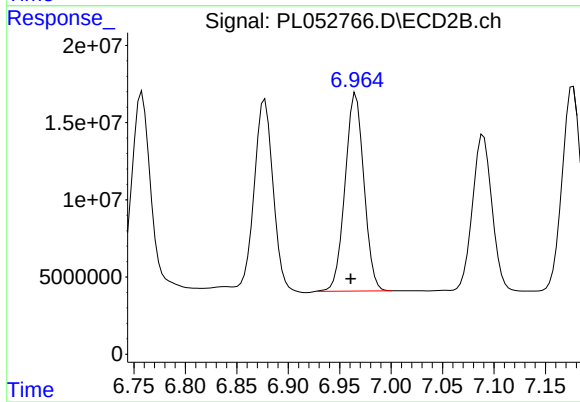
R.T.: 6.758 min
Delta R.T.: 0.005 min
Response: 158156928
Conc: 81.71 ng/ml



#15 Endosulfan II

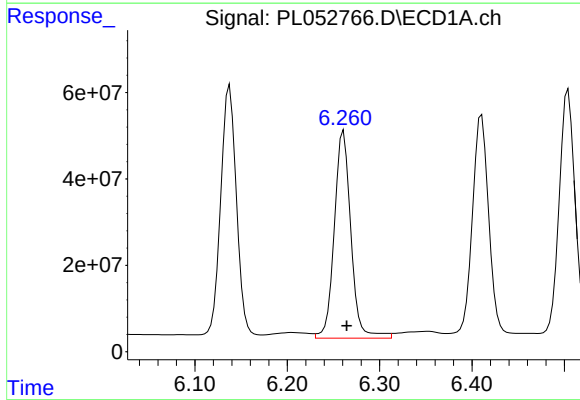
R.T.: 6.411 min
Delta R.T.: -0.003 min
Response: 674441342
Conc: 69.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT-1488-RBR200031-RBR200036M



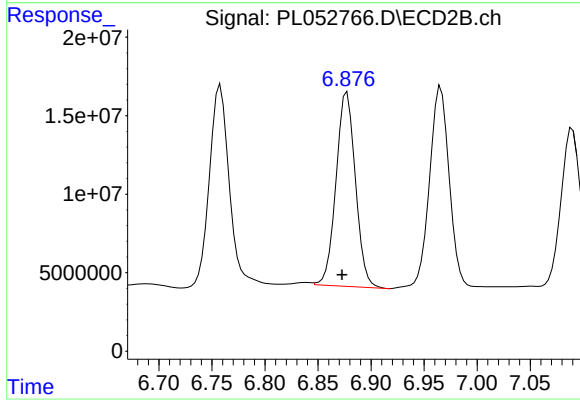
#15 Endosulfan II

R.T.: 6.966 min
Delta R.T.: 0.005 min
Response: 163662894
Conc: 73.32 ng/ml



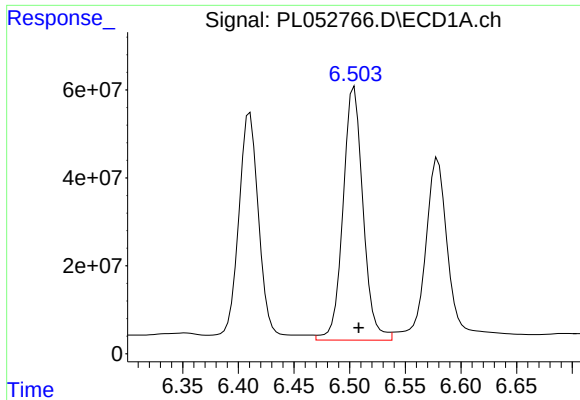
#16 4,4'-DDD

R.T.: 6.261 min
Delta R.T.: -0.004 min
Response: 600221485
Conc: 78.37 ng/ml



#16 4,4'-DDD

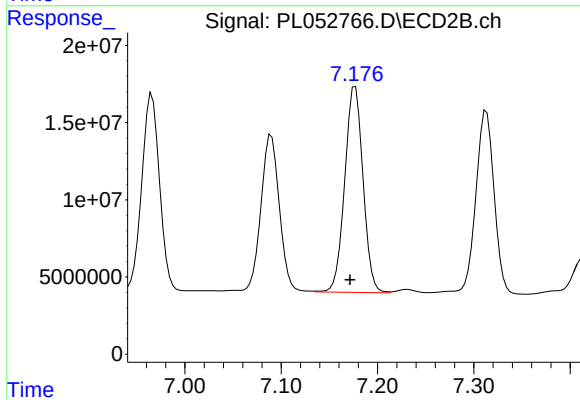
R.T.: 6.877 min
Delta R.T.: 0.005 min
Response: 157328788
Conc: 85.42 ng/ml



#17 4,4'-DDT

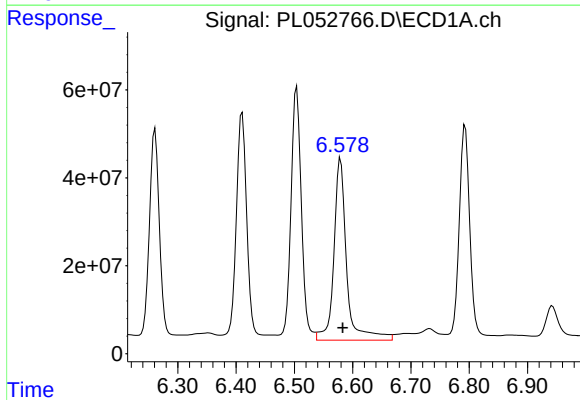
R.T.: 6.504 min
Delta R.T.: -0.004 min
Response: 722619278
Conc: 93.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT-1488-RBR200031-RBR200036M



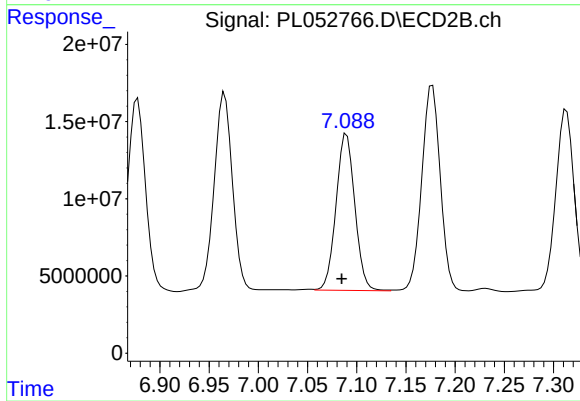
#17 4,4'-DDT

R.T.: 7.177 min
Delta R.T.: 0.005 min
Response: 175468538
Conc: 95.93 ng/ml



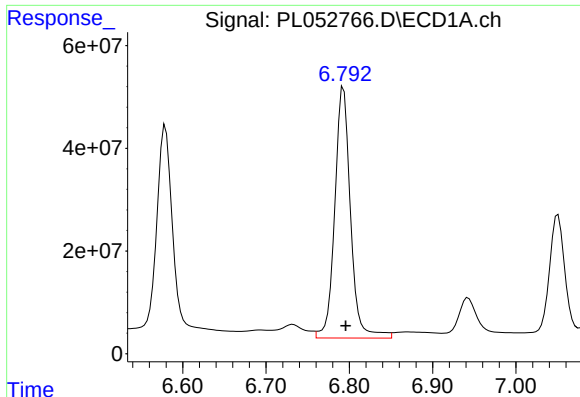
#18 Endrin aldehyde

R.T.: 6.579 min
Delta R.T.: -0.004 min
Response: 628779967
Conc: 81.32 ng/ml



#18 Endrin aldehyde

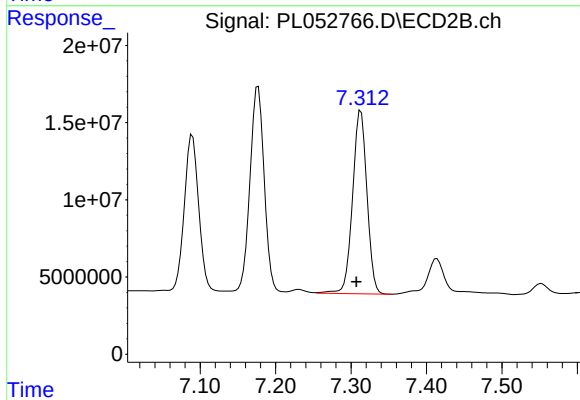
R.T.: 7.090 min
Delta R.T.: 0.005 min
Response: 134891950
Conc: 72.72 ng/ml



#19 Endosulfan Sulfate

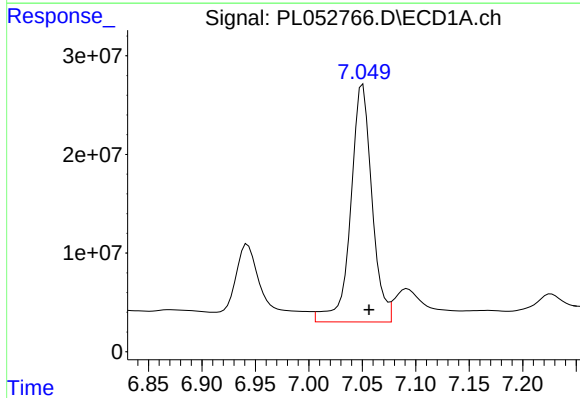
R.T.: 6.793 min
Delta R.T.: -0.003 min
Response: 645049099
Conc: 77.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT-1488-RBR200031-RBR200036M



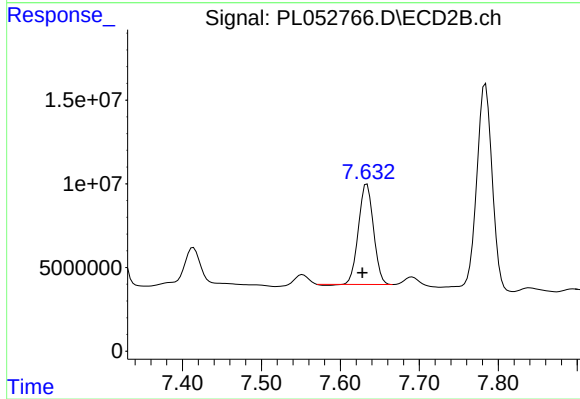
#19 Endosulfan Sulfate

R.T.: 7.313 min
Delta R.T.: 0.006 min
Response: 157627502
Conc: 76.75 ng/ml



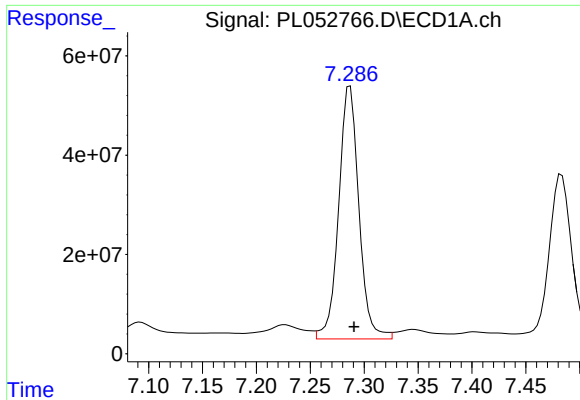
#20 Methoxychlor

R.T.: 7.051 min
Delta R.T.: -0.006 min
Response: 334206518
Conc: 82.66 ng/ml



#20 Methoxychlor

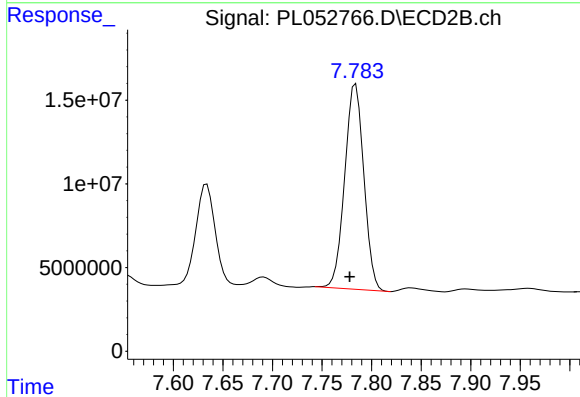
R.T.: 7.634 min
Delta R.T.: 0.006 min
Response: 78958098
Conc: 77.92 ng/ml



#21 Endrin ketone

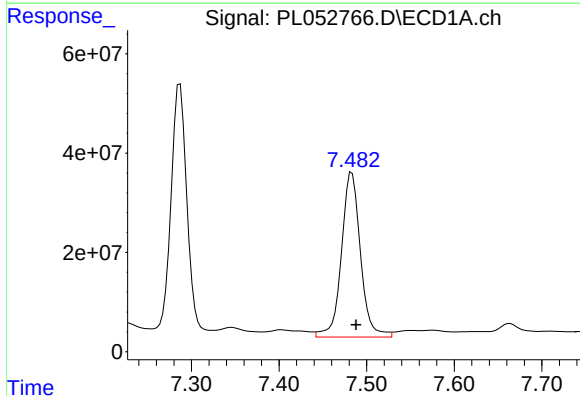
R.T.: 7.287 min
Delta R.T.: -0.004 min
Response: 666686559
Conc: 64.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT-1488-RBR200031-RBR200036M



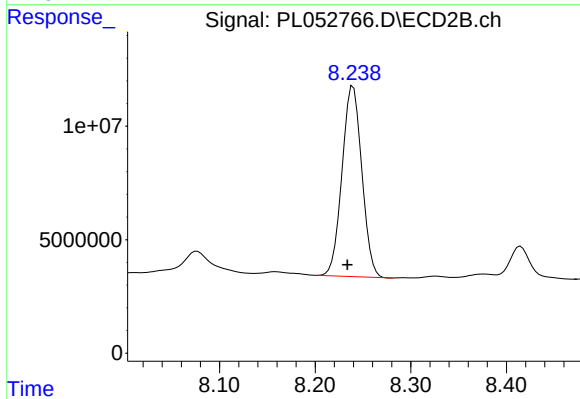
#21 Endrin ketone

R.T.: 7.784 min
Delta R.T.: 0.006 min
Response: 164310091
Conc: 73.99 ng/ml



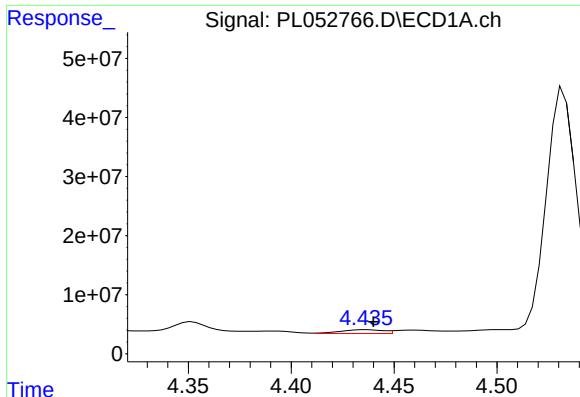
#22 Mirex

R.T.: 7.483 min
Delta R.T.: -0.005 min
Response: 501537971
Conc: 65.58 ng/ml



#22 Mirex

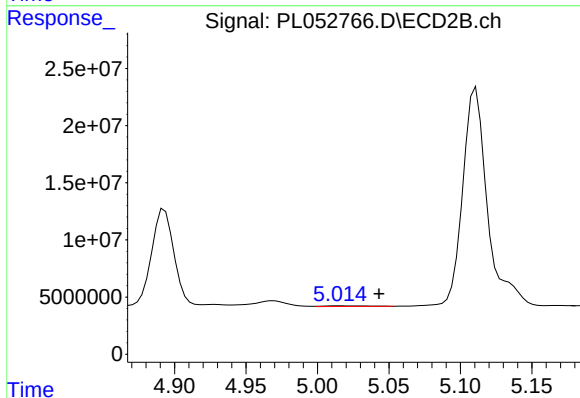
R.T.: 8.240 min
Delta R.T.: 0.006 min
Response: 120846701
Conc: 70.61 ng/ml



#23 Chlordane-1

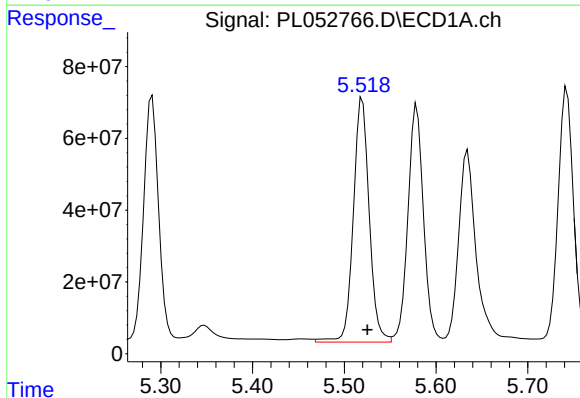
R.T.: 4.437 min
Delta R.T.: -0.003 min
Response: 9266911
Conc: 34.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT-1488-RBR200031-RBR200036M



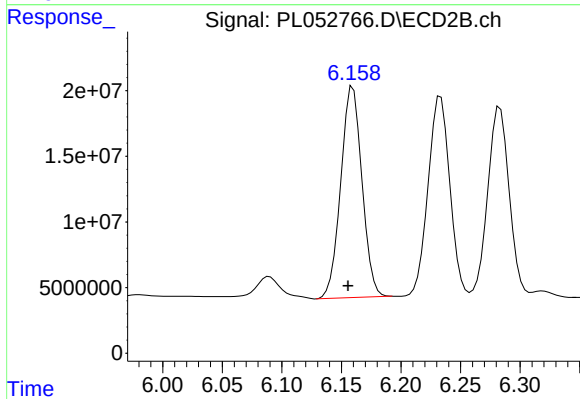
#23 Chlordane-1

R.T.: 5.016 min
Delta R.T.: -0.027 min
Response: 943016
Conc: 12.15 ng/ml



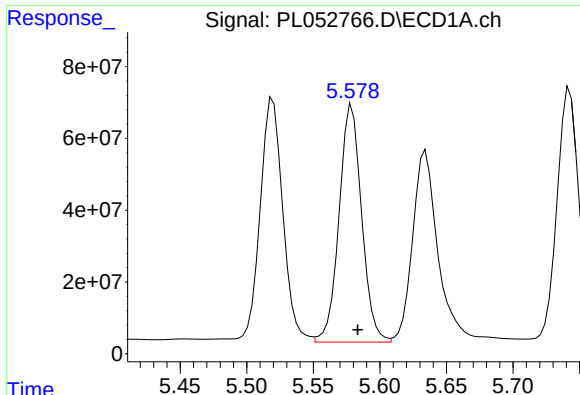
#25 Chlordane-3

R.T.: 5.520 min
Delta R.T.: -0.005 min
Response: 821009484
Conc: 848.63 ng/ml



#25 Chlordane-3

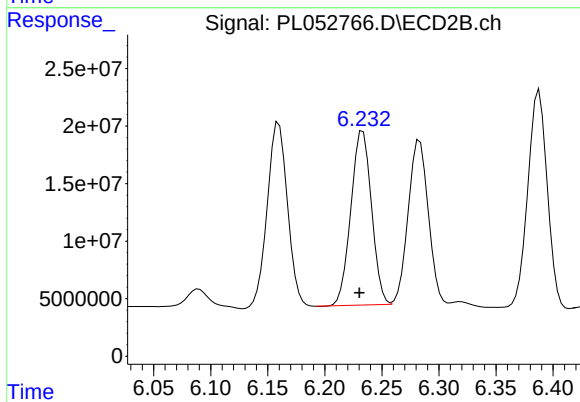
R.T.: 6.160 min
Delta R.T.: 0.004 min
Response: 199195562
Conc: 651.03 ng/ml



#26 Chlordane-4

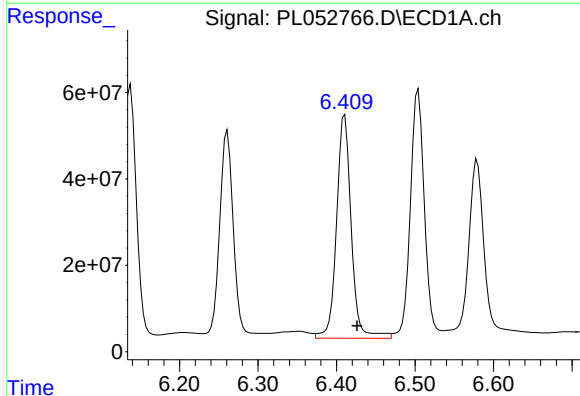
R.T.: 5.579 min
Delta R.T.: -0.004 min
Response: 781294381
Conc: 992.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT-1488-RBR200031-RBR200036M



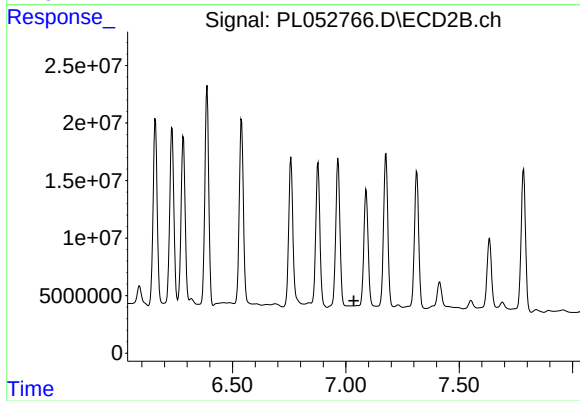
#26 Chlordane-4

R.T.: 6.233 min
Delta R.T.: 0.003 min
Response: 190253395
Conc: 494.66 ng/ml



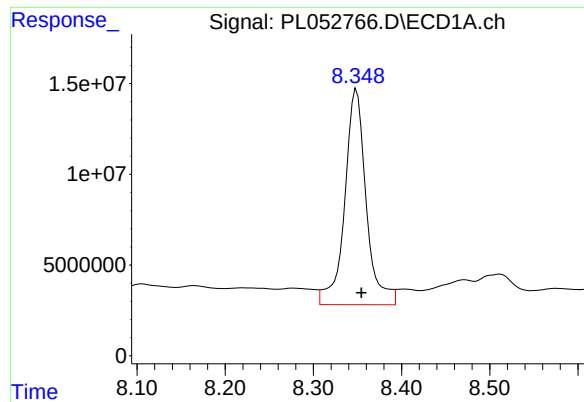
#27 Chlordane-5

R.T.: 6.411 min
Delta R.T.: -0.015 min
Response: 674441342
Conc: 2190.17 ng/ml



#27 Chlordane-5

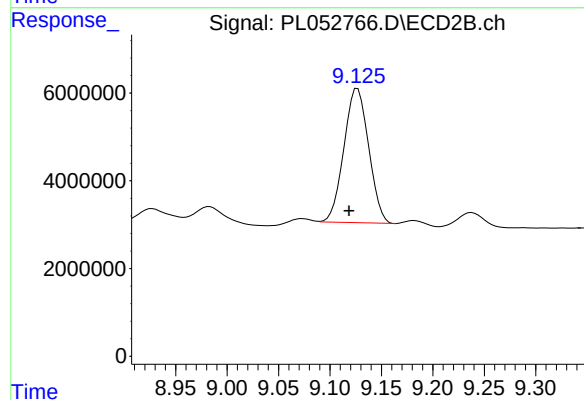
R.T.: 0.000 min
Exp R.T.: 7.035 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.349 min
Delta R.T.: -0.005 min
Response: 201414172
Conc: 23.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
RT-1488-RBR200031-RBR200036M



#28 Decachlorobiphenyl

R.T.: 9.127 min
Delta R.T.: 0.008 min
Response: 51284690
Conc: 21.42 ng/ml