

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100419\
 Data File : PL053086.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Oct 2019 16:23
 Operator : SG\AJ
 Sample : K5140-04MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 HR-05-100219MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 04 22:56:29 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092919.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 30 08:44:08 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...	3.548	4.049	187.5E6	50986598	18.849	18.988
28)	SA Decachlor...	8.339	9.125	183.8E6	60168853	18.352	20.509
Target Compounds							
2)	A alpha-BHC	3.991	4.439	929.6E6	234.8E6	58.279	61.142
3)	MA gamma-BHC...	4.279	4.725	848.6E6	214.1E6	58.262	59.136
4)	MA Heptachlor	4.587	5.235	896.1E6	224.4E6	59.972	58.889
5)	MB Aldrin	4.839	5.540	831.9E6	207.1E6	60.481	59.745
6)	B beta-BHC	4.528	4.893	358.0E6	96850880	57.658	61.617
7)	B delta-BHC	4.737	5.112	793.2E6	194.8E6	55.354	53.815
8)	B Heptachlo...	5.286	5.926	767.8E6	191.7E6	58.917	57.185
9)	A Endosulfan I	5.628	6.283	703.7E6	182.3E6	57.984	58.309
10)	B gamma-Chl...	5.515	6.160	776.1E6	199.0E6	57.710	58.808
11)	B alpha-Chl...	5.574	6.233	751.1E6	195.7E6	56.948	58.135
12)	B 4,4'-DDE	5.737	6.388	704.7E6	192.4E6	60.718	58.903
13)	MA Dieldrin	5.873	6.540	757.8E6	193.9E6	58.710	59.453
14)	MA Endrin	6.132	6.757	681.3E6	164.1E6	59.812	59.105
15)	B Endosulfa...	6.404	6.966	639.7E6	177.5E6	55.825	59.822
16)	A 4,4'-DDD	6.255	6.877	568.4E6	153.6E6	63.232	62.648
17)	MA 4,4'-DDT	6.498	7.176	582.2E6	151.0E6	57.010	58.006
18)	B Endrin al...	6.572	7.089	512.1E6	141.0E6	54.530	57.508
19)	B Endosulfa...	6.786	7.312	569.2E6	152.6E6	54.686	55.897
20)	A Methoxychlor	7.043	7.634	278.3E6	81854104	53.945	58.138
21)	B Endrin ke...	7.281	7.784	628.7E6	178.0E6	53.946	62.404
22)	Mirex	7.475	8.240	527.2E6	140.2E6	55.832	62.344
24)	Chlordane-2	0.000	5.540f	0	207.1E6	N.D.	1849.979 #
25)	Chlordane-3	5.515	6.160	776.1E6	199.0E6	669.800	456.831 #
26)	Chlordane-4	5.574	6.233	751.1E6	195.7E6	786.982	368.513 #
27)	Chlordane-5	6.404	0.000	639.7E6	0	1621.899	N.D. #

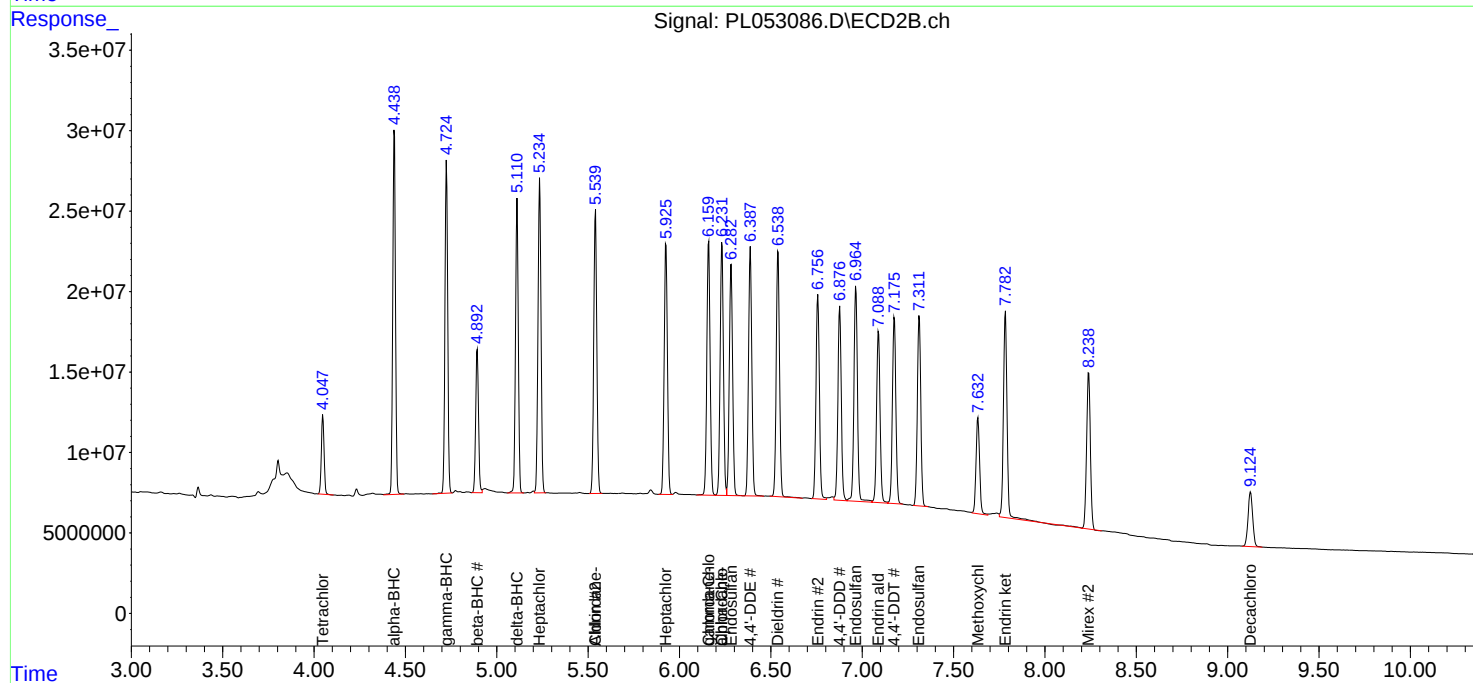
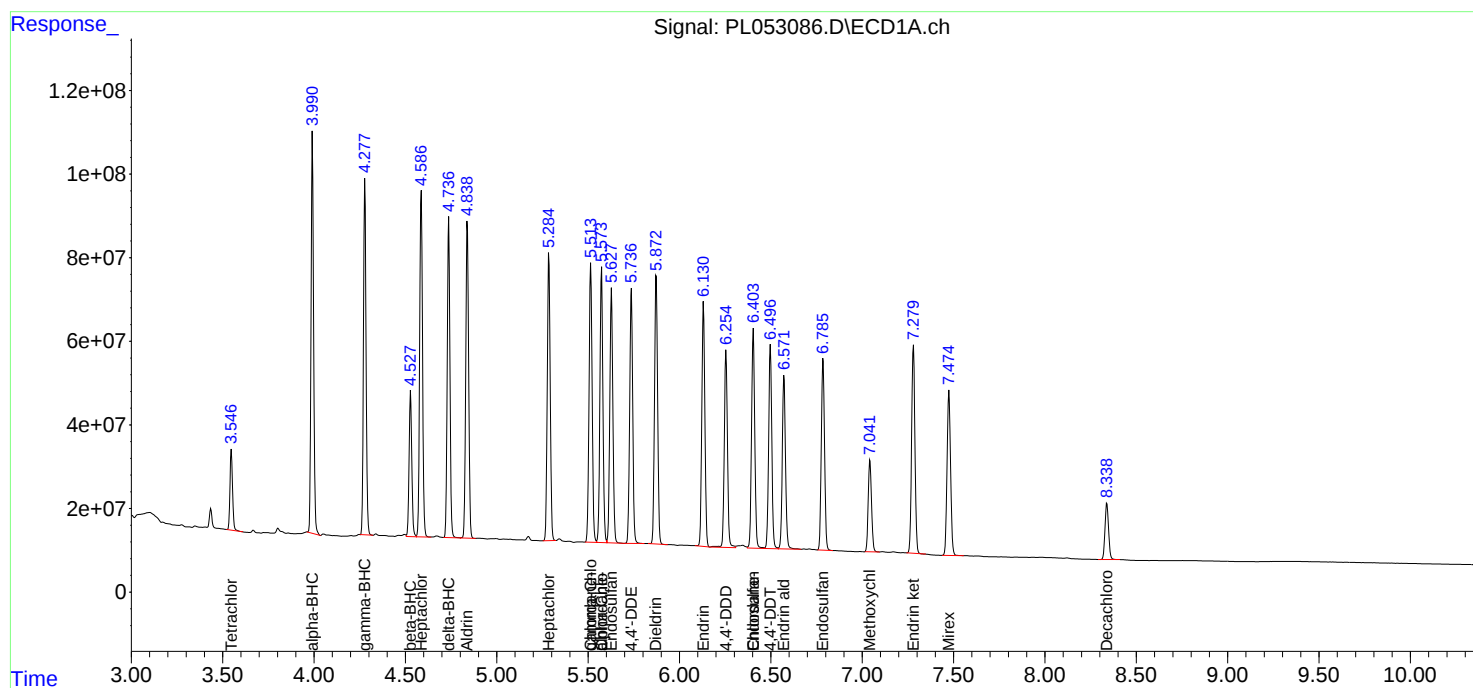
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

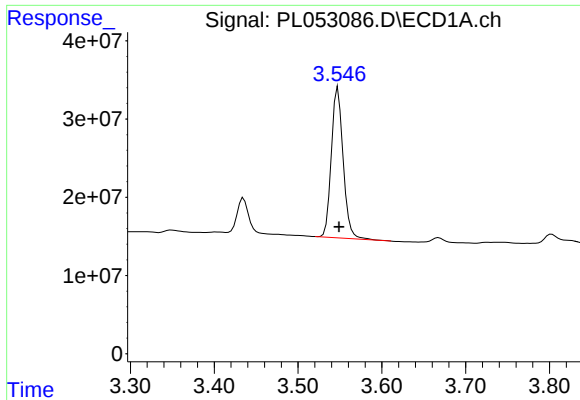
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100419\
Data File : PL053086.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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Integration File signal 1: autoint1.e
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Quant Time: Oct 04 22:56:29 2019
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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

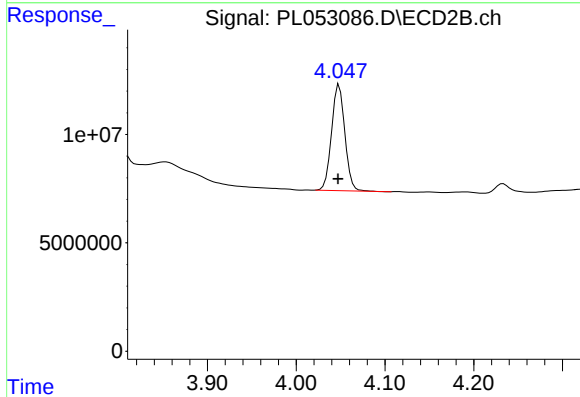




#1 Tetrachloro-m-xylene

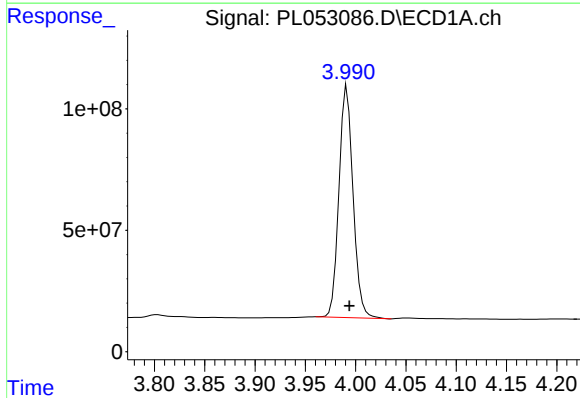
R.T.: 3.548 min
Delta R.T.: -0.001 min
Response: 187482097
Conc: 18.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
HR-05-100219MSD



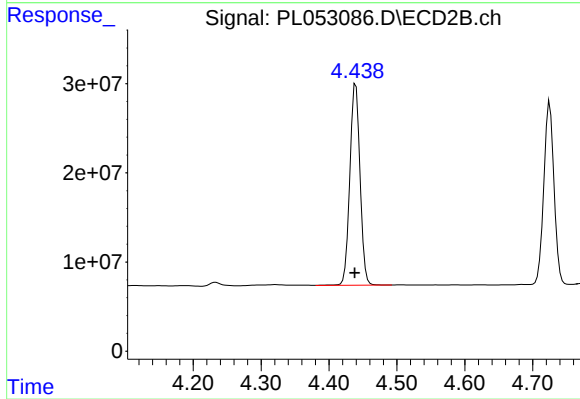
#1 Tetrachloro-m-xylene

R.T.: 4.049 min
Delta R.T.: 0.001 min
Response: 50986598
Conc: 18.99 ng/ml



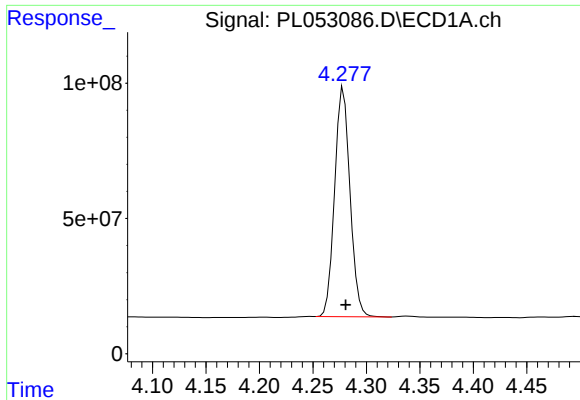
#2 alpha-BHC

R.T.: 3.991 min
Delta R.T.: -0.002 min
Response: 929586539
Conc: 58.28 ng/ml



#2 alpha-BHC

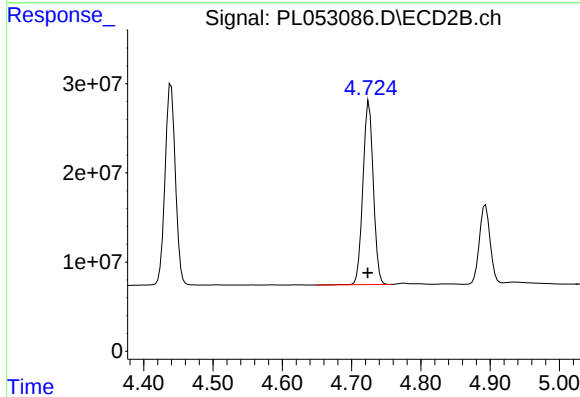
R.T.: 4.439 min
Delta R.T.: 0.001 min
Response: 234788792
Conc: 61.14 ng/ml



#3 gamma-BHC (Lindane)

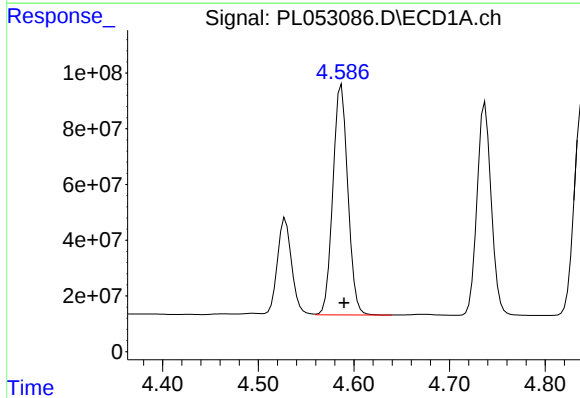
R.T.: 4.279 min
Delta R.T.: -0.002 min
Response: 848569946
Conc: 58.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
HR-05-100219MSD



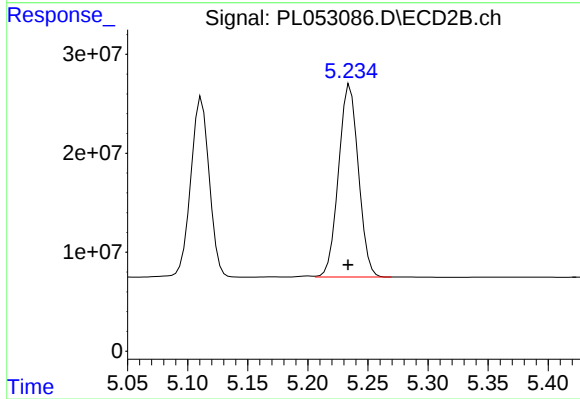
#3 gamma-BHC (Lindane)

R.T.: 4.725 min
Delta R.T.: 0.002 min
Response: 214142053
Conc: 59.14 ng/ml



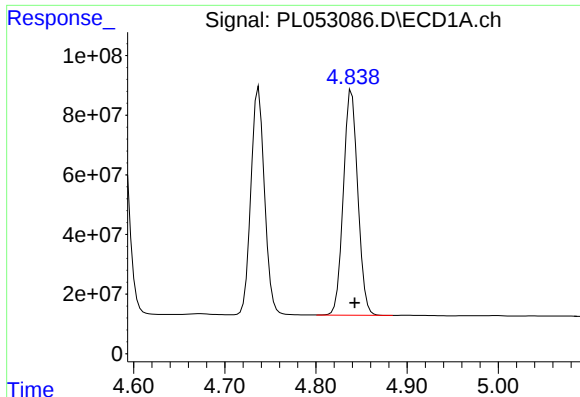
#4 Heptachlor

R.T.: 4.587 min
Delta R.T.: -0.003 min
Response: 896107246
Conc: 59.97 ng/ml



#4 Heptachlor

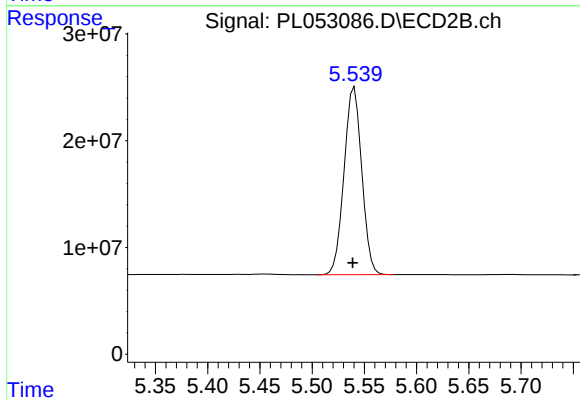
R.T.: 5.235 min
Delta R.T.: 0.002 min
Response: 224410137
Conc: 58.89 ng/ml



#5 Aldrin

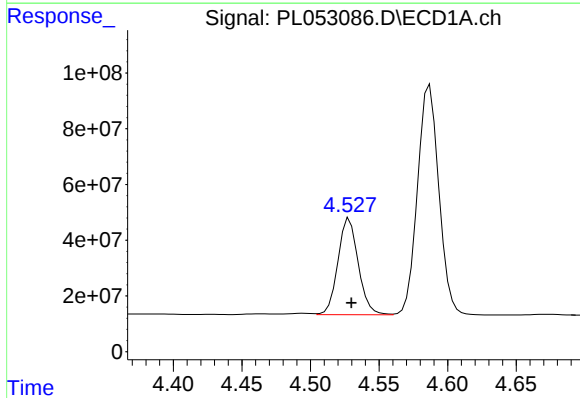
R.T.: 4.839 min
Delta R.T.: -0.003 min
Response: 831934272
Conc: 60.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
HR-05-100219MSD



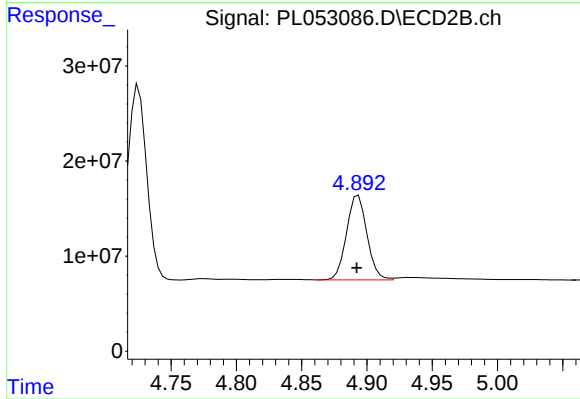
#5 Aldrin

R.T.: 5.540 min
Delta R.T.: 0.002 min
Response: 207054018
Conc: 59.74 ng/ml



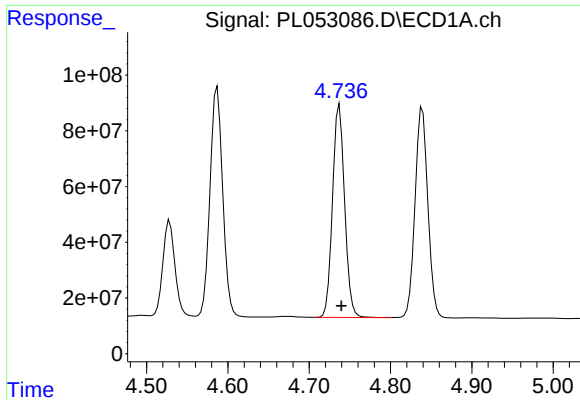
#6 beta-BHC

R.T.: 4.528 min
Delta R.T.: -0.001 min
Response: 357972745
Conc: 57.66 ng/ml



#6 beta-BHC

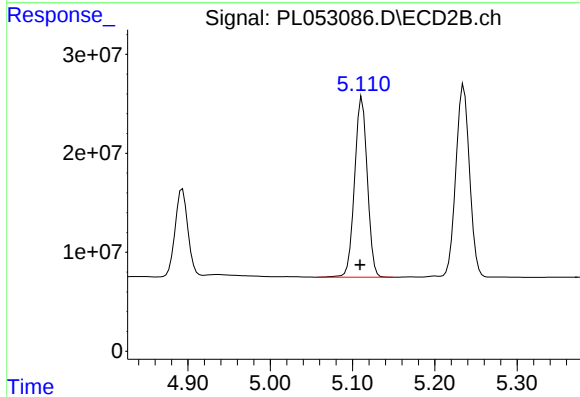
R.T.: 4.893 min
Delta R.T.: 0.001 min
Response: 96850880
Conc: 61.62 ng/ml



#7 delta-BHC

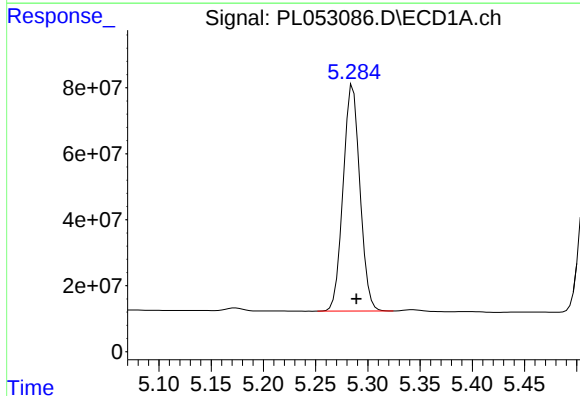
R.T.: 4.737 min
Delta R.T.: -0.002 min
Response: 793184021
Conc: 55.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
HR-05-100219MSD



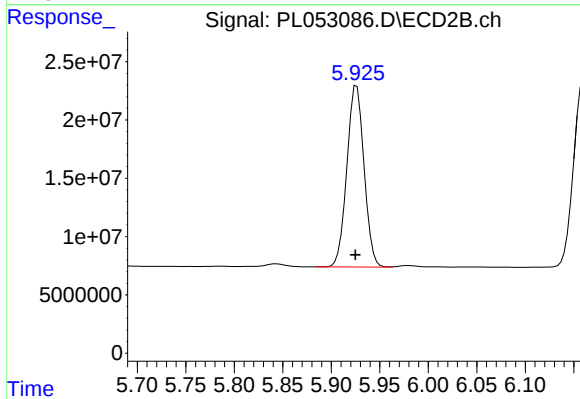
#7 delta-BHC

R.T.: 5.112 min
Delta R.T.: 0.002 min
Response: 194802272
Conc: 53.81 ng/ml



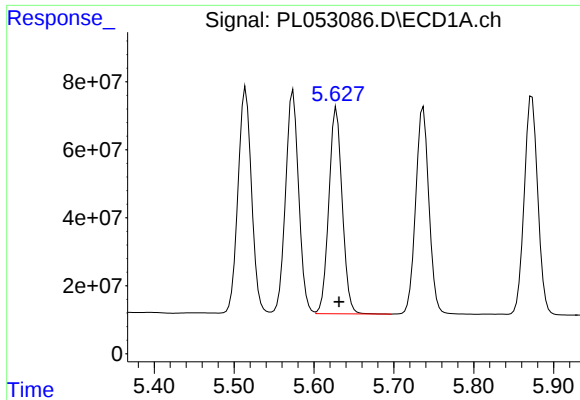
#8 Heptachlor epoxide

R.T.: 5.286 min
Delta R.T.: -0.003 min
Response: 767750149
Conc: 58.92 ng/ml



#8 Heptachlor epoxide

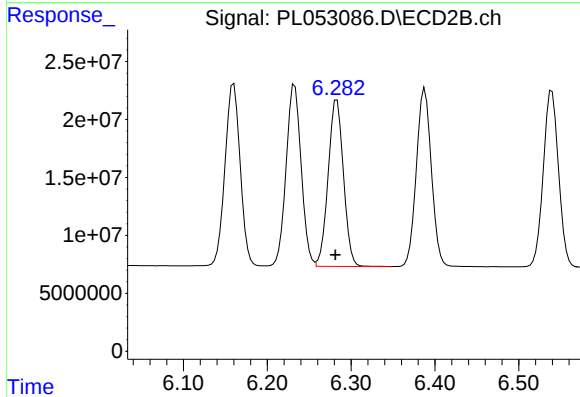
R.T.: 5.926 min
Delta R.T.: 0.001 min
Response: 191654657
Conc: 57.18 ng/ml



#9 Endosulfan I

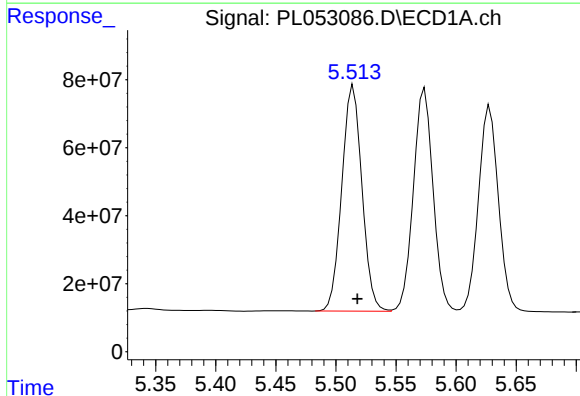
R.T.: 5.628 min
Delta R.T.: -0.004 min
Response: 703687082
Conc: 57.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
HR-05-100219MSD



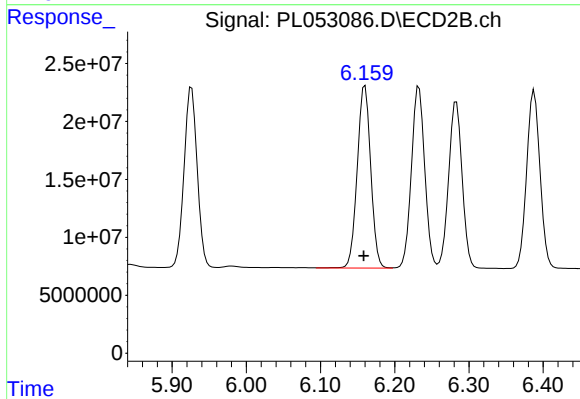
#9 Endosulfan I

R.T.: 6.283 min
Delta R.T.: 0.002 min
Response: 182255922
Conc: 58.31 ng/ml



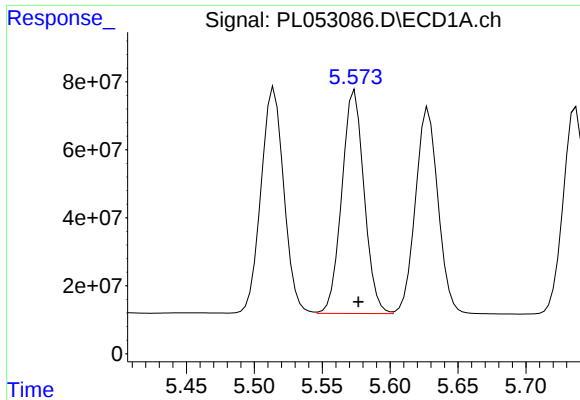
#10 gamma-Chlordane

R.T.: 5.515 min
Delta R.T.: -0.003 min
Response: 776096571
Conc: 57.71 ng/ml



#10 gamma-Chlordane

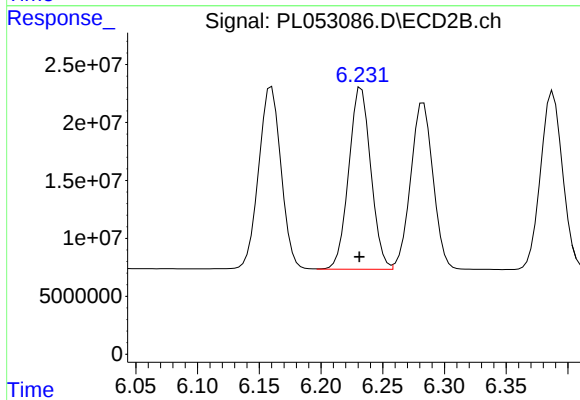
R.T.: 6.160 min
Delta R.T.: 0.002 min
Response: 198954201
Conc: 58.81 ng/ml



#11 alpha-Chlordane

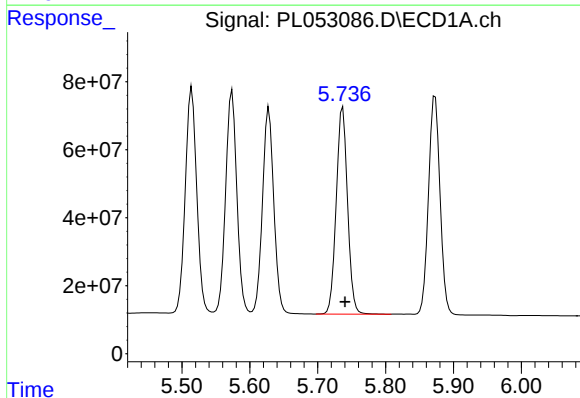
R.T.: 5.574 min
Delta R.T.: -0.003 min
Response: 751104130
Conc: 56.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
HR-05-100219MSD



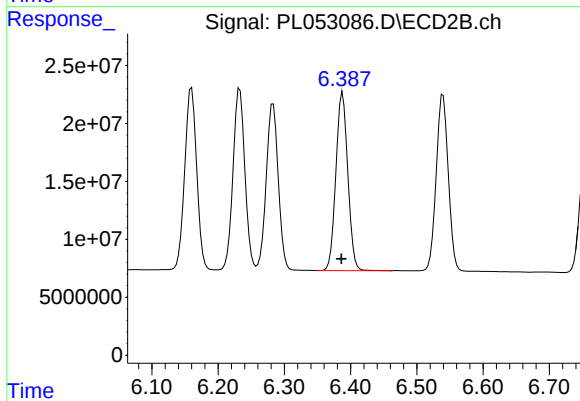
#11 alpha-Chlordane

R.T.: 6.233 min
Delta R.T.: 0.001 min
Response: 195679233
Conc: 58.13 ng/ml



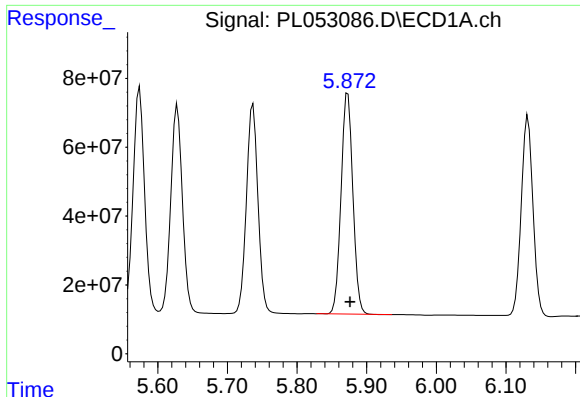
#12 4,4'-DDE

R.T.: 5.737 min
Delta R.T.: -0.003 min
Response: 704721481
Conc: 60.72 ng/ml



#12 4,4'-DDE

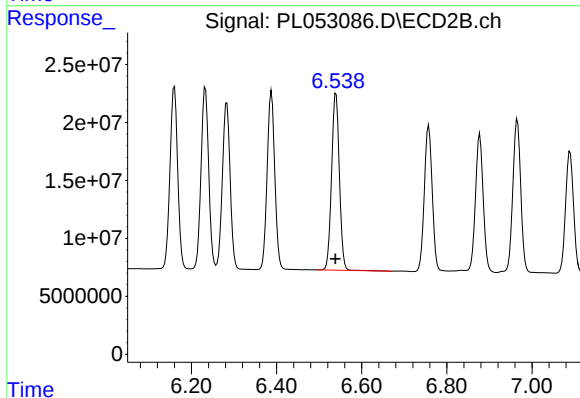
R.T.: 6.388 min
Delta R.T.: 0.002 min
Response: 192385221
Conc: 58.90 ng/ml



#13 Dieldrin

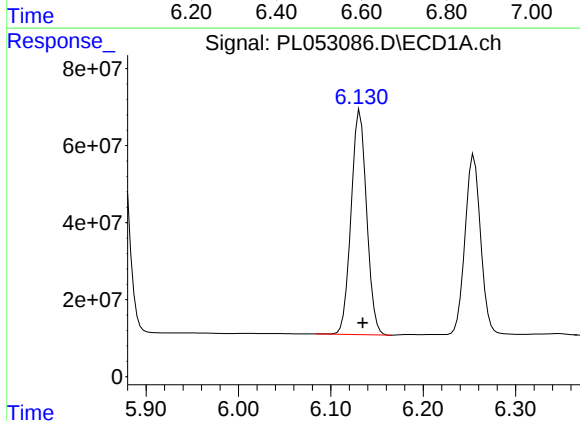
R.T.: 5.873 min
Delta R.T.: -0.003 min
Response: 757841075
Conc: 58.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
HR-05-100219MSD



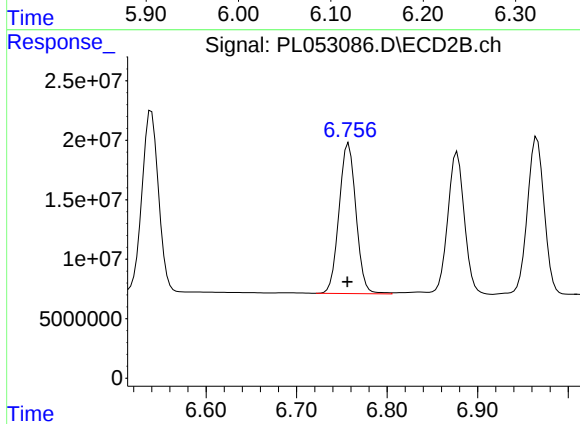
#13 Dieldrin

R.T.: 6.540 min
Delta R.T.: 0.001 min
Response: 193934881
Conc: 59.45 ng/ml



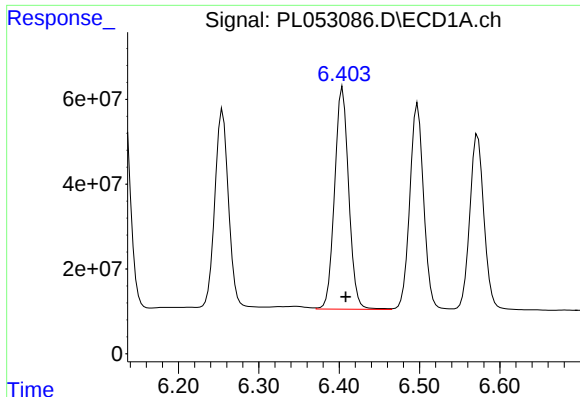
#14 Endrin

R.T.: 6.132 min
Delta R.T.: -0.003 min
Response: 681300078
Conc: 59.81 ng/ml



#14 Endrin

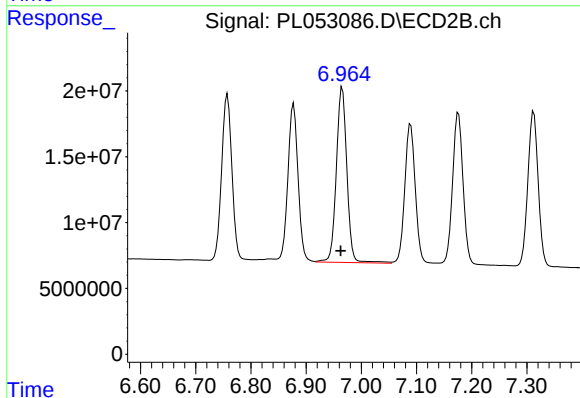
R.T.: 6.757 min
Delta R.T.: 0.001 min
Response: 164127423
Conc: 59.10 ng/ml



#15 Endosulfan II

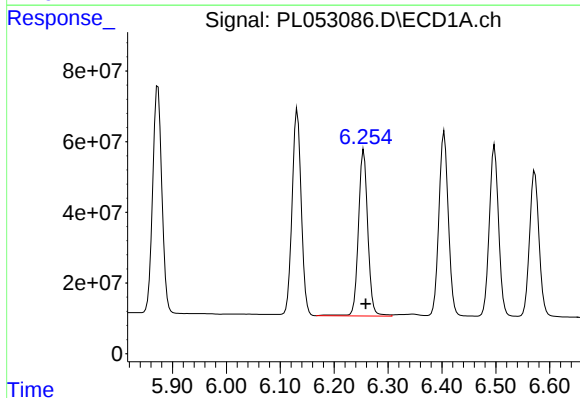
R.T.: 6.404 min
Delta R.T.: -0.004 min
Response: 639732498
Conc: 55.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
HR-05-100219MSD



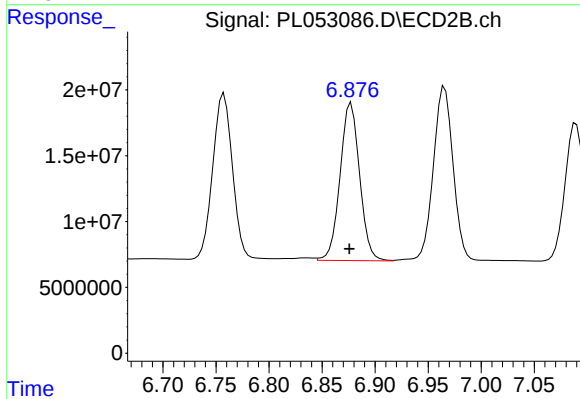
#15 Endosulfan II

R.T.: 6.966 min
Delta R.T.: 0.003 min
Response: 177490293
Conc: 59.82 ng/ml



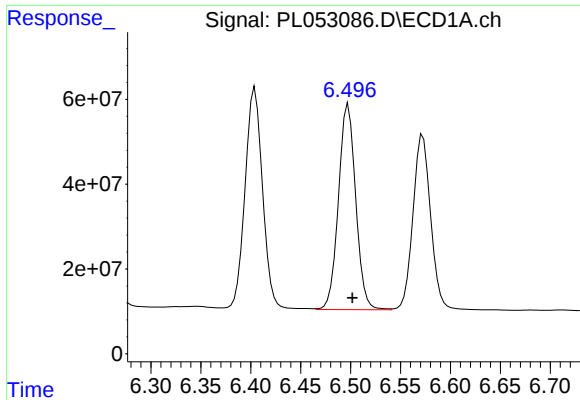
#16 4,4'-DDD

R.T.: 6.255 min
Delta R.T.: -0.004 min
Response: 568354698
Conc: 63.23 ng/ml



#16 4,4'-DDD

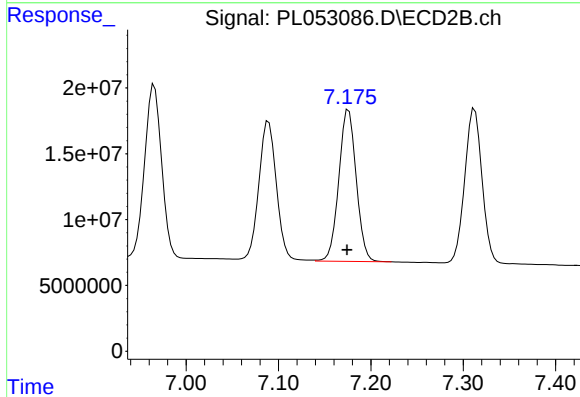
R.T.: 6.877 min
Delta R.T.: 0.002 min
Response: 153648568
Conc: 62.65 ng/ml



#17 4,4'-DDT

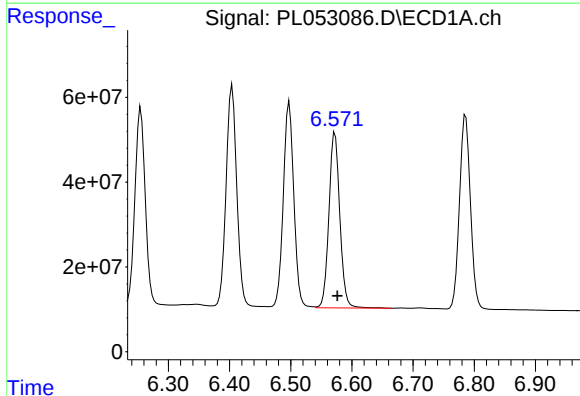
R.T.: 6.498 min
Delta R.T.: -0.004 min
Response: 582210426
Conc: 57.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
HR-05-100219MSD



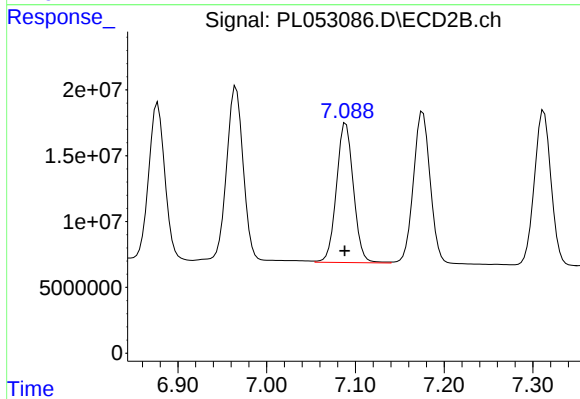
#17 4,4'-DDT

R.T.: 7.176 min
Delta R.T.: 0.002 min
Response: 150963585
Conc: 58.01 ng/ml



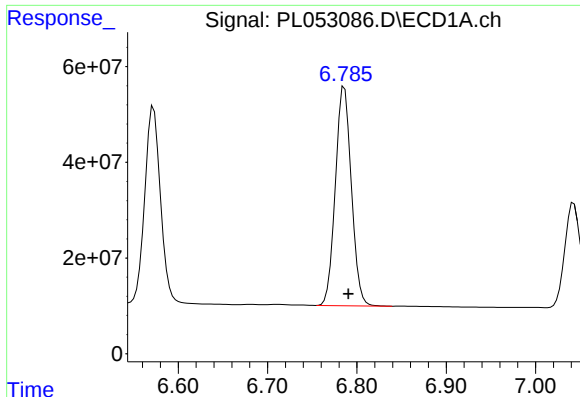
#18 Endrin aldehyde

R.T.: 6.572 min
Delta R.T.: -0.004 min
Response: 512080995
Conc: 54.53 ng/ml



#18 Endrin aldehyde

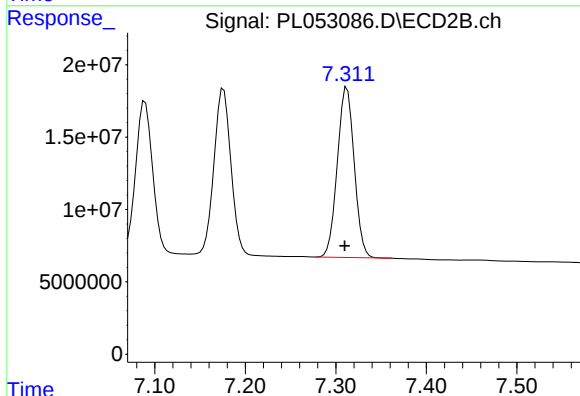
R.T.: 7.089 min
Delta R.T.: 0.002 min
Response: 141048494
Conc: 57.51 ng/ml



#19 Endosulfan Sulfate

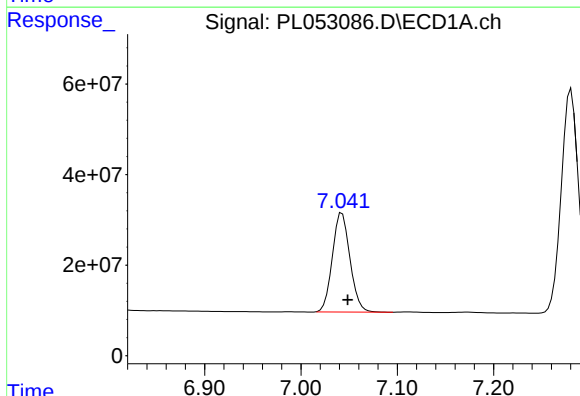
R.T.: 6.786 min
Delta R.T.: -0.004 min
Response: 569227468
Conc: 54.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
HR-05-100219MSD



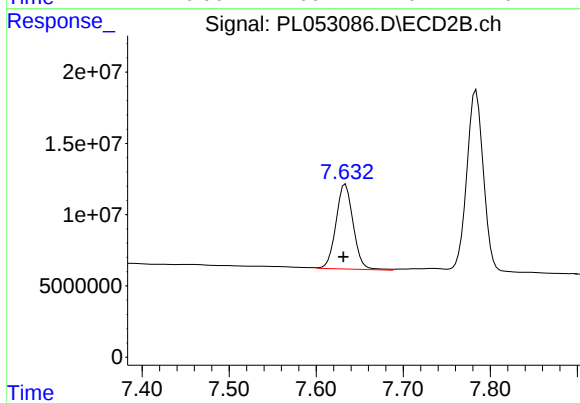
#19 Endosulfan Sulfate

R.T.: 7.312 min
Delta R.T.: 0.003 min
Response: 152621111
Conc: 55.90 ng/ml



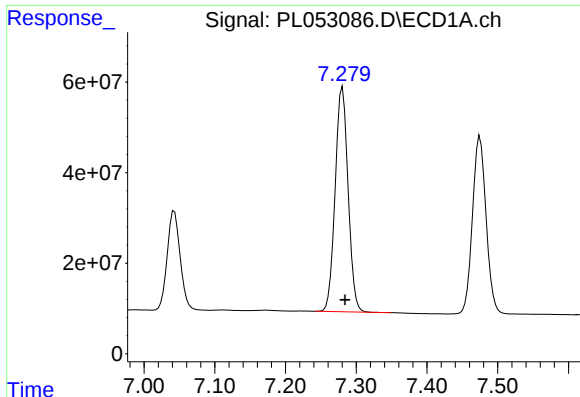
#20 Methoxychlor

R.T.: 7.043 min
Delta R.T.: -0.006 min
Response: 278254445
Conc: 53.94 ng/ml



#20 Methoxychlor

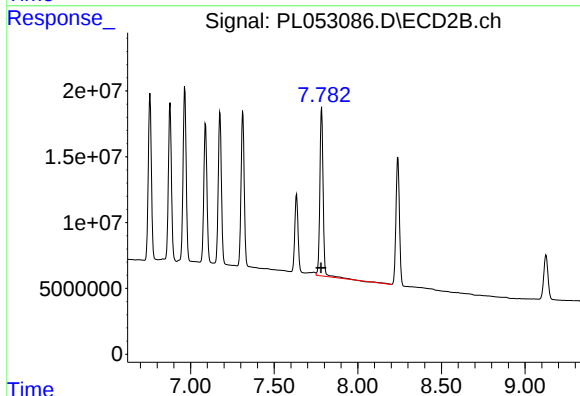
R.T.: 7.634 min
Delta R.T.: 0.002 min
Response: 81854104
Conc: 58.14 ng/ml



#21 Endrin ketone

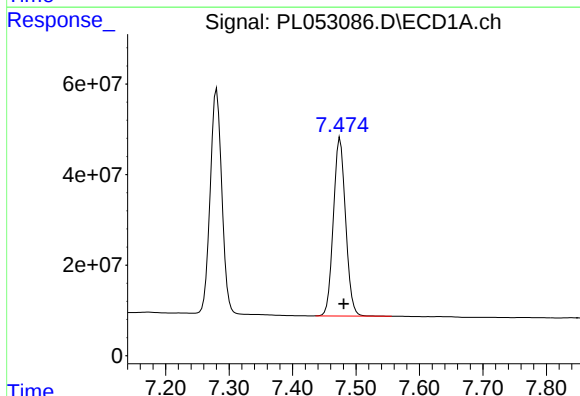
R.T.: 7.281 min
Delta R.T.: -0.004 min
Response: 628738647
Conc: 53.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
HR-05-100219MSD



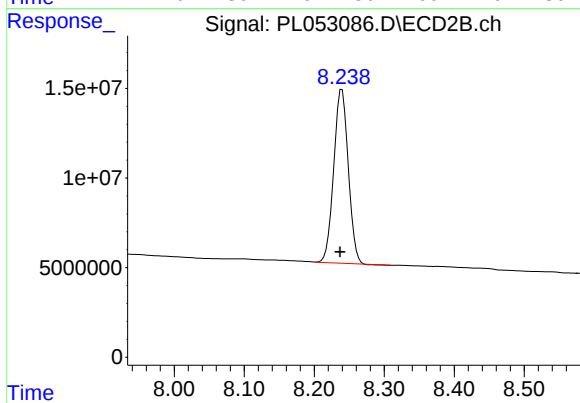
#21 Endrin ketone

R.T.: 7.784 min
Delta R.T.: 0.003 min
Response: 178030466
Conc: 62.40 ng/ml



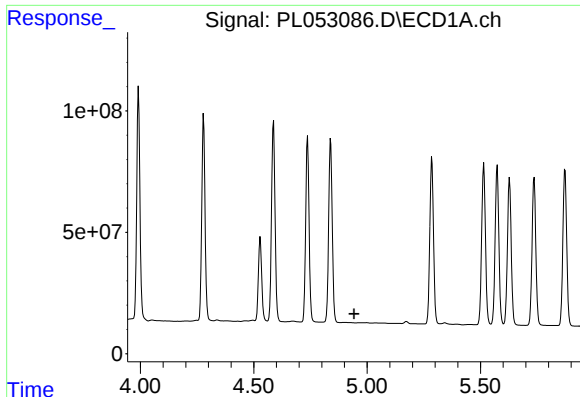
#22 Mirex

R.T.: 7.475 min
Delta R.T.: -0.006 min
Response: 527247981
Conc: 55.83 ng/ml



#22 Mirex

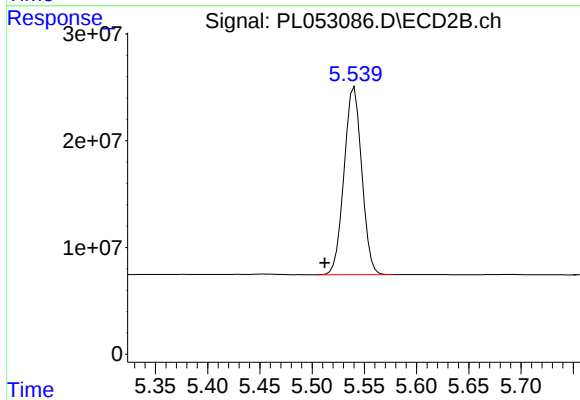
R.T.: 8.240 min
Delta R.T.: 0.003 min
Response: 140227426
Conc: 62.34 ng/ml



#24 Chlordane-2

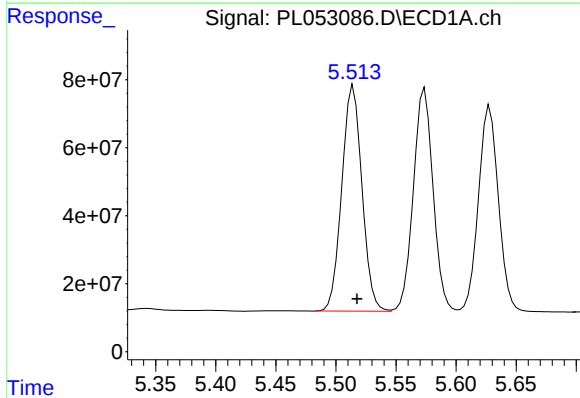
R.T.: 0.000 min
Exp R.T.: 4.942 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
HR-05-100219MSD



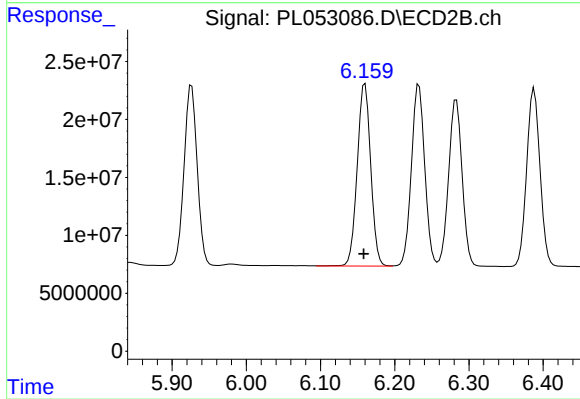
#24 Chlordane-2

R.T.: 5.540 min
Delta R.T.: 0.028 min
Response: 207054018
Conc: 1849.98 ng/ml



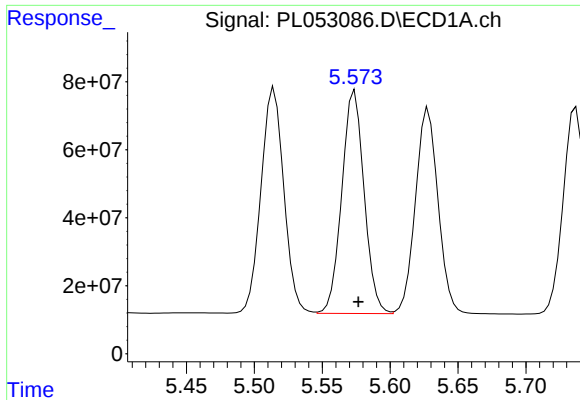
#25 Chlordane-3

R.T.: 5.515 min
Delta R.T.: -0.003 min
Response: 776096571
Conc: 669.80 ng/ml



#25 Chlordane-3

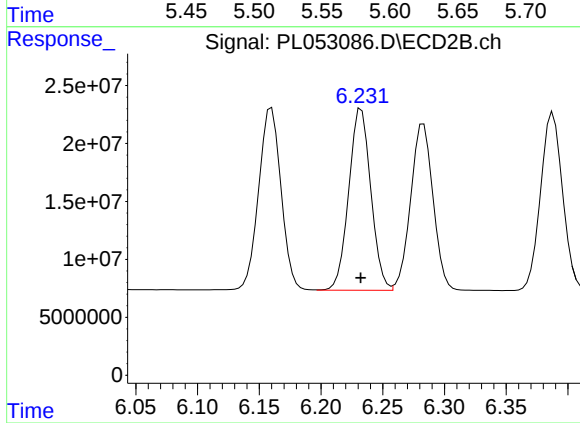
R.T.: 6.160 min
Delta R.T.: 0.002 min
Response: 198954201
Conc: 456.83 ng/ml



#26 Chlordane-4

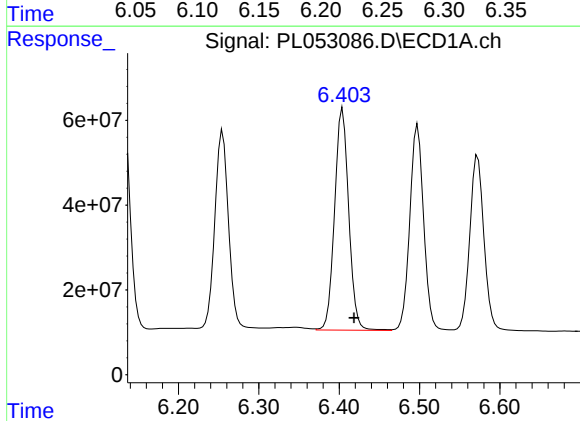
R.T.: 5.574 min
Delta R.T.: -0.003 min
Response: 751104130
Conc: 786.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
HR-05-100219MSD



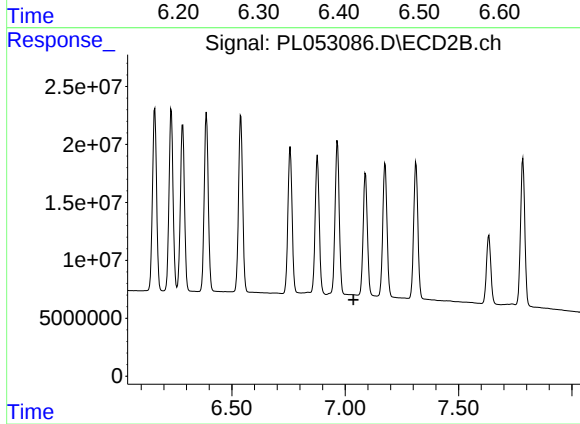
#26 Chlordane-4

R.T.: 6.233 min
Delta R.T.: 0.000 min
Response: 195679233
Conc: 368.51 ng/ml



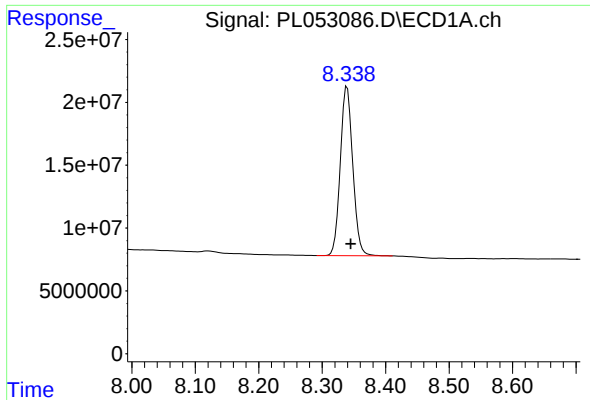
#27 Chlordane-5

R.T.: 6.404 min
Delta R.T.: -0.014 min
Response: 639732498
Conc: 1621.90 ng/ml



#27 Chlordane-5

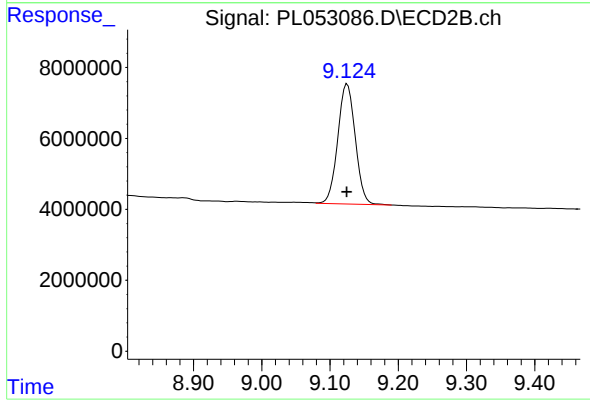
R.T.: 0.000 min
Exp R.T.: 7.037 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.339 min
Delta R.T.: -0.006 min
Response: 183815907
Conc: 18.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
HR-05-100219MSD



#28 Decachlorobiphenyl

R.T.: 9.125 min
Delta R.T.: 0.000 min
Response: 60168853
Conc: 20.51 ng/ml