

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101919\
 Data File : PL053484.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Oct 2019 00:44
 Operator : SG\AJ
 Sample : K5420-03MSD
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 19 01:45:10 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...	3.544	4.045	192.0E6	47466077	17.711	18.968
28)	SA Decachlor...	8.332	9.125	150.7E6	40651585	15.363	14.436
Target Compounds							
2)	A alpha-BHC	3.988	4.437	959.3E6	198.4E6	55.016	57.400
3)	MA gamma-BHC...	4.275	4.722	864.1E6	169.7E6	55.488	52.707
4)	MA Heptachlor	4.582	5.232	854.9E6	174.7E6	54.167	54.203
5)	MB Aldrin	4.834	5.538	769.7E6	164.7E6	53.840	55.230
6)	B beta-BHC	4.524	4.891	347.4E6	80378222	52.712	52.037
7)	B delta-BHC	4.733	5.110	754.3E6	150.5E6	49.553	49.818
8)	B Heptachlo...	5.280	5.924	711.6E6	155.2E6	52.713	53.224
9)	A Endosulfan I	5.622	6.281	621.2E6	140.6E6	50.533	51.868
10)	B gamma-Chl...	5.508	6.158	771.0E6	157.7E6	56.510	54.061
11)	B alpha-Chl...	5.567	6.231	731.1E6	164.0E6	54.953	56.181
12)	B 4,4'-DDE	5.731	6.386	612.5E6	142.6E6	51.549	50.623
13)	MA Dieldrin	5.867	6.538	658.9E6	145.5E6	50.553	50.983
14)	MA Endrin	6.126	6.756	584.0E6	124.1E6	50.379	51.120
15)	B Endosulfa...	6.402	6.969	970.7E6	246.7E6	86.824	96.563
16)	A 4,4'-DDD	6.248	6.876	450.3E6	112.5E6	50.592	53.976
17)	MA 4,4'-DDT	6.491	7.175	509.6E6	119.8E6	51.442	51.790
18)	B Endrin al...	6.567	7.089	456.8E6	113.2E6	49.816	51.521
19)	B Endosulfa...	6.780	7.311	480.2E6	120.5E6	47.206	49.109
20)	A Methoxychlor	7.036	7.633	235.3E6	62019347	47.731	47.747
21)	B Endrin ke...	7.274	7.782	538.6E6	136.9E6	50.031	53.077
22)	Mirex	7.468	8.238	445.2E6	110.9E6	52.048	54.838
23)	Chlordane-1	4.427	5.042	17948787	1874073	50.607	22.346 #
24)	Chlordane-2	4.934	5.538f	19628203	164.7E6	50.941	1676.517 #
25)	Chlordane-3	5.508	6.158	771.0E6	157.7E6	668.878	431.891 #
26)	Chlordane-4	5.567	6.231	731.1E6	164.0E6	779.839	365.315 #
27)	Chlordane-5	6.402	7.037	970.7E6	7074865	2655.564	92.545 #

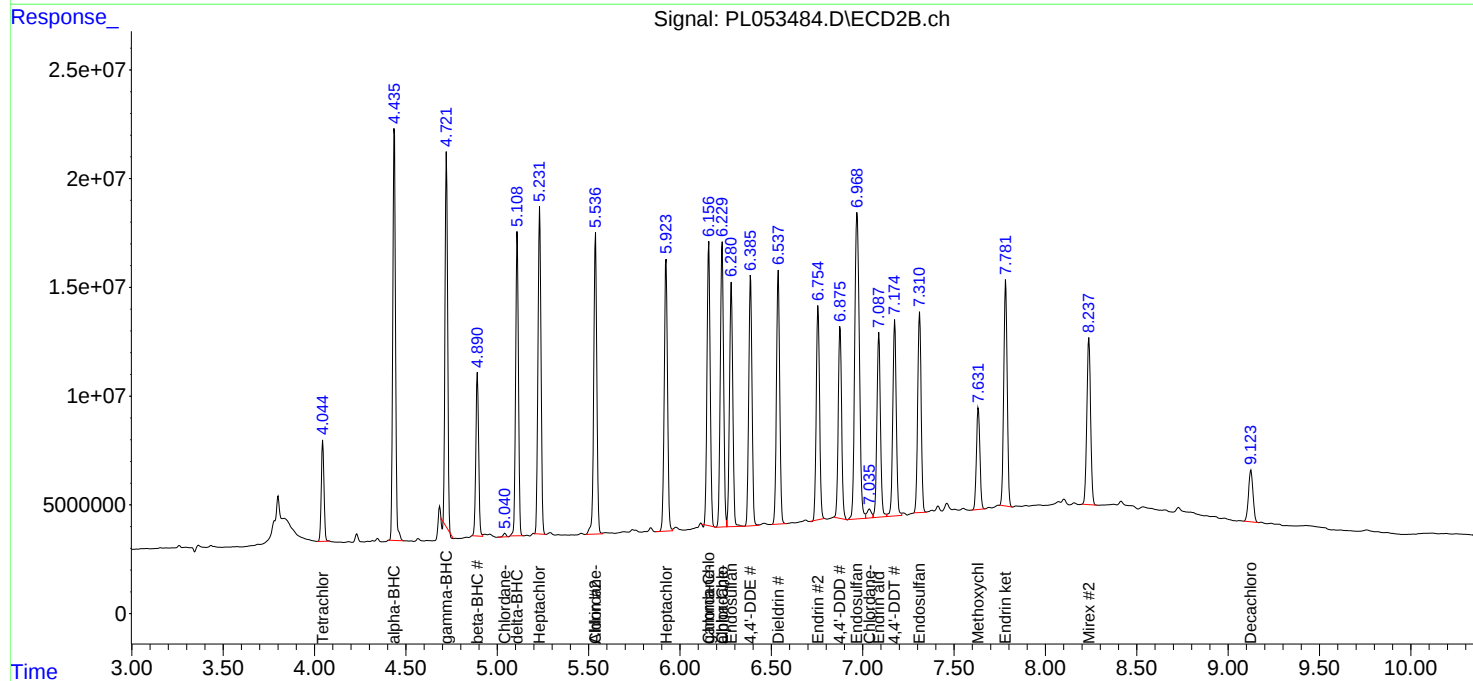
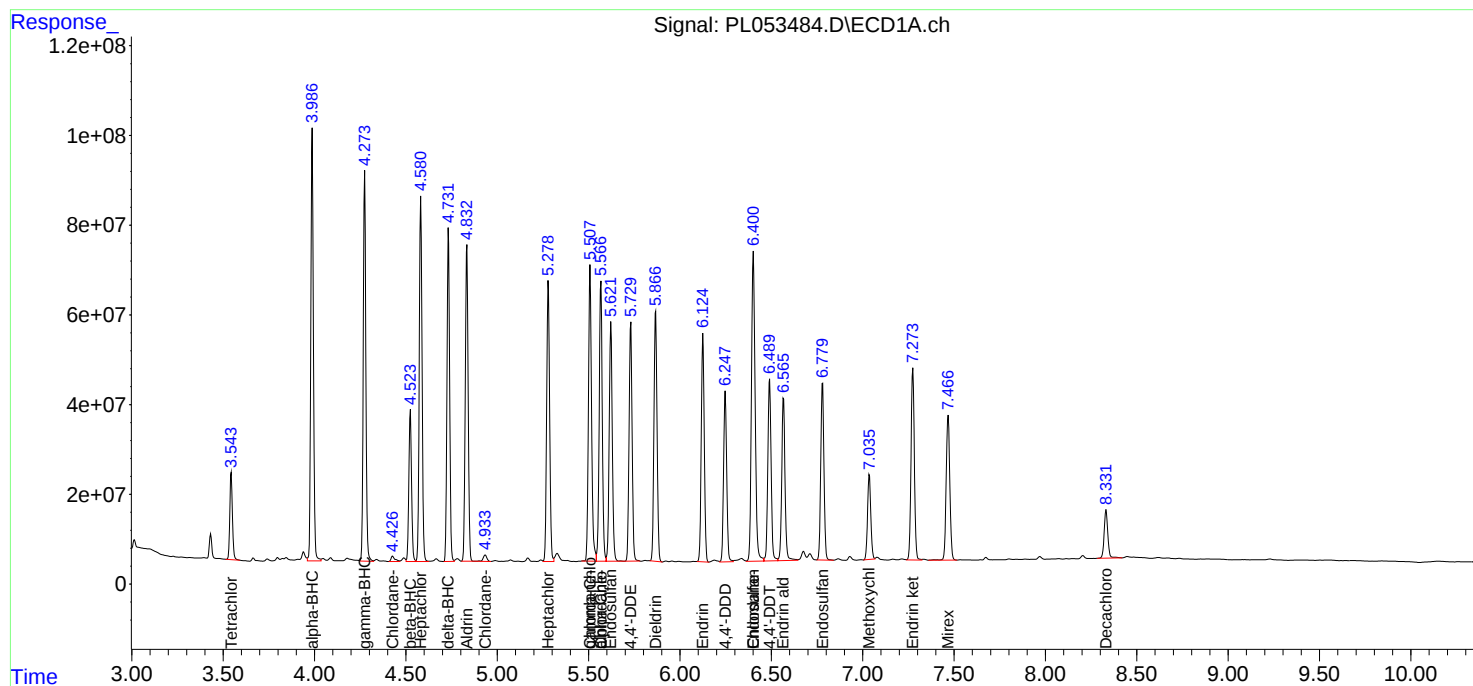
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

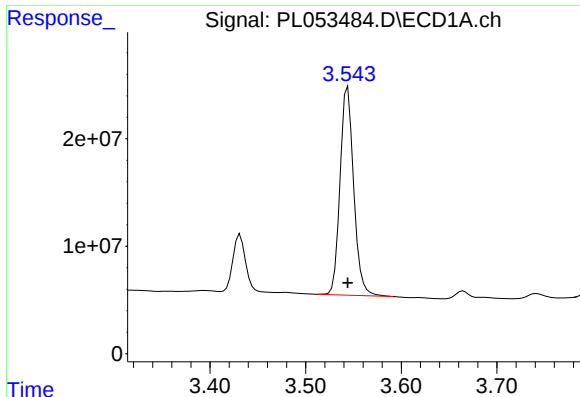
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101919\
Data File : PL053484.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Oct 2019 00:44
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Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

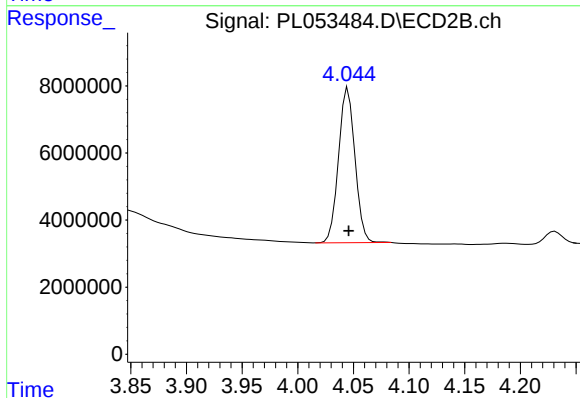




#1 Tetrachloro-m-xylene

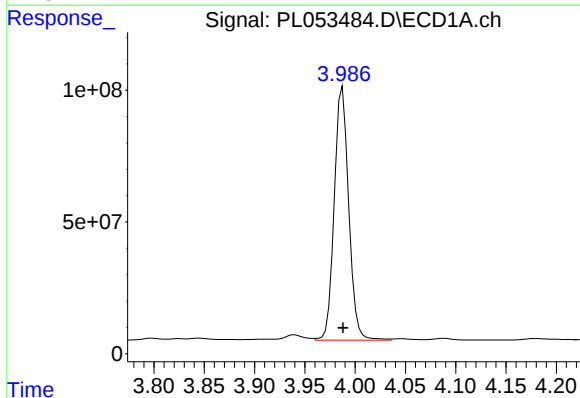
R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 191977136
Conc: 17.71 ng/ml

Instrument :
ECD_L
ClientSampleId :



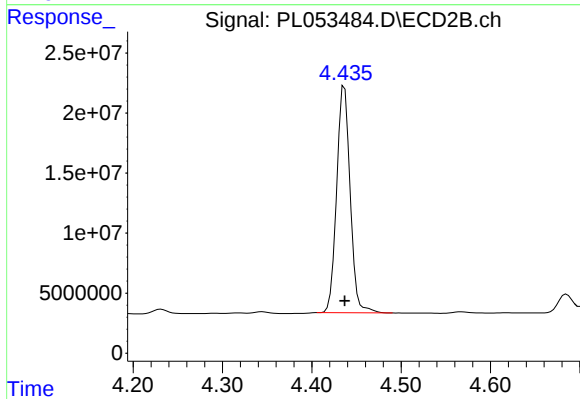
#1 Tetrachloro-m-xylene

R.T.: 4.045 min
Delta R.T.: 0.000 min
Response: 47466077
Conc: 18.97 ng/ml



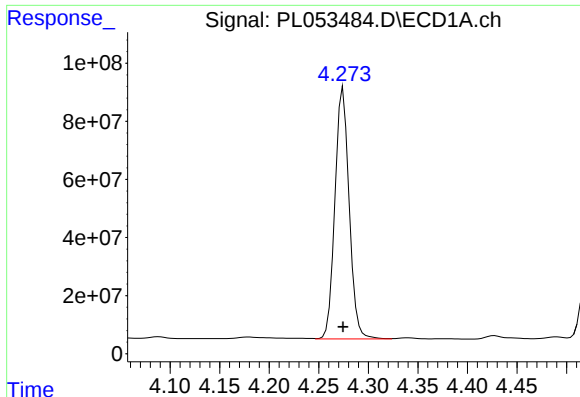
#2 alpha-BHC

R.T.: 3.988 min
Delta R.T.: 0.000 min
Response: 959295837
Conc: 55.02 ng/ml



#2 alpha-BHC

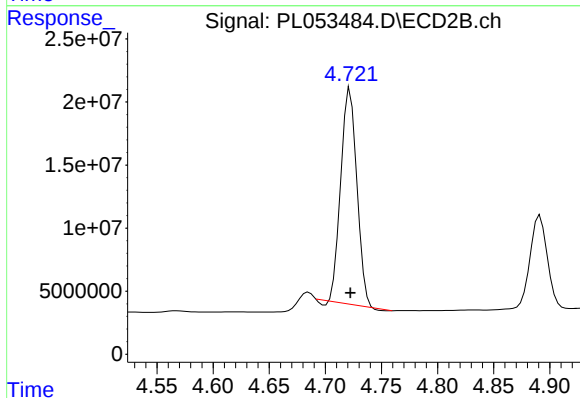
R.T.: 4.437 min
Delta R.T.: 0.000 min
Response: 198438366
Conc: 57.40 ng/ml



#3 gamma-BHC (Lindane)

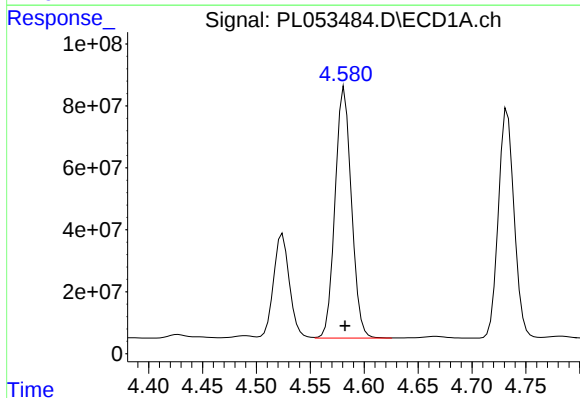
R.T.: 4.275 min
Delta R.T.: 0.000 min
Response: 864141350
Conc: 55.49 ng/ml

Instrument :
ECD_L
ClientSampleId :



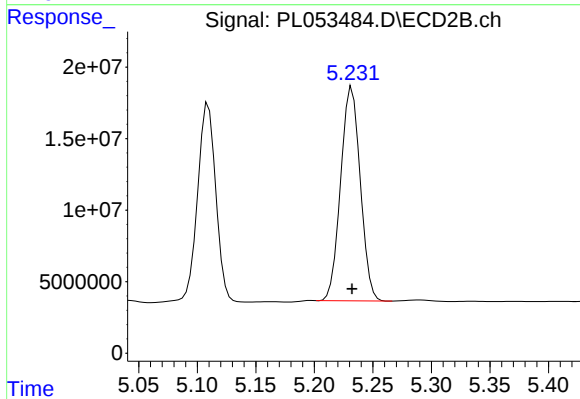
#3 gamma-BHC (Lindane)

R.T.: 4.722 min
Delta R.T.: 0.000 min
Response: 169735363
Conc: 52.71 ng/ml



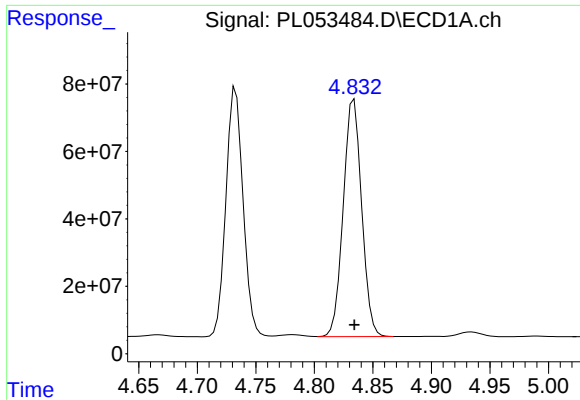
#4 Heptachlor

R.T.: 4.582 min
Delta R.T.: 0.000 min
Response: 854908100
Conc: 54.17 ng/ml



#4 Heptachlor

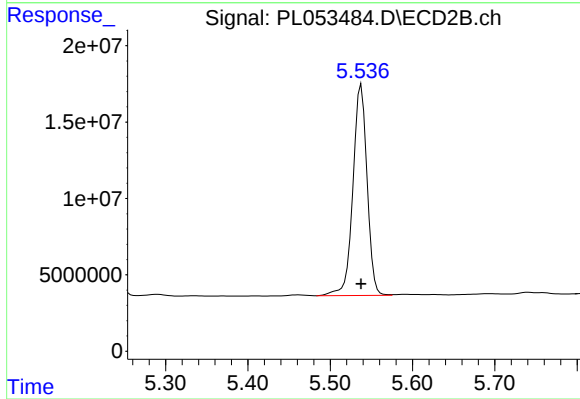
R.T.: 5.232 min
Delta R.T.: 0.000 min
Response: 174651119
Conc: 54.20 ng/ml



#5 Aldrin

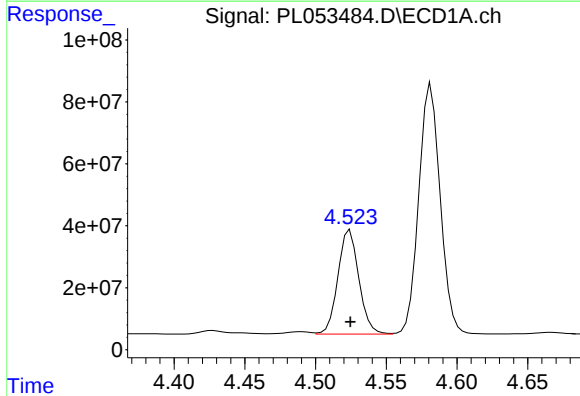
R.T.: 4.834 min
Delta R.T.: 0.000 min
Response: 769675259
Conc: 53.84 ng/ml

Instrument :
ECD_L
ClientSampleId :



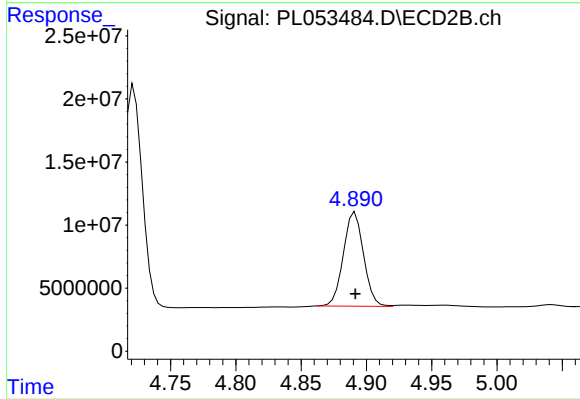
#5 Aldrin

R.T.: 5.538 min
Delta R.T.: 0.000 min
Response: 164669938
Conc: 55.23 ng/ml



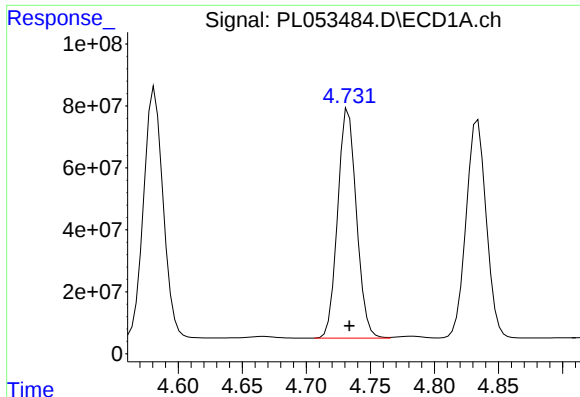
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: 0.000 min
Response: 347363958
Conc: 52.71 ng/ml



#6 beta-BHC

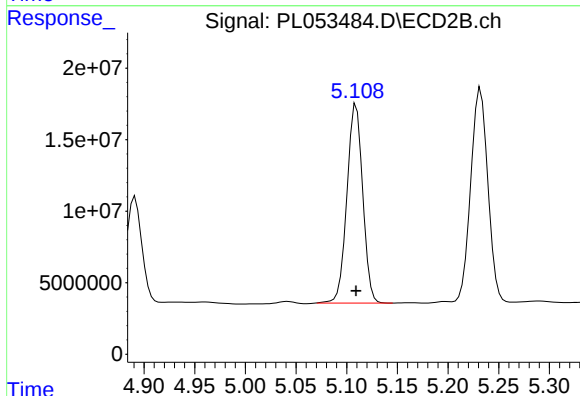
R.T.: 4.891 min
Delta R.T.: 0.000 min
Response: 80378222
Conc: 52.04 ng/ml



#7 delta-BHC

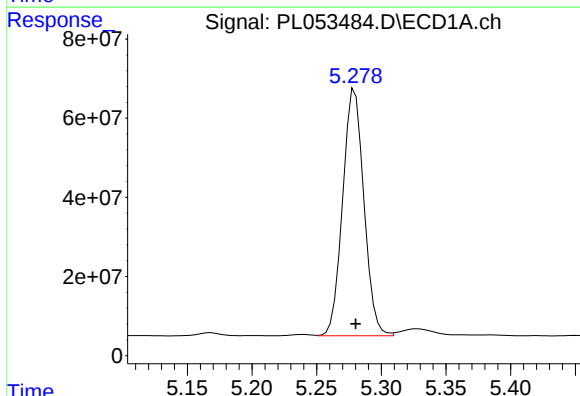
R.T.: 4.733 min
Delta R.T.: 0.000 min
Response: 754253879
Conc: 49.55 ng/ml

Instrument :
ECD_L
ClientSampleId :



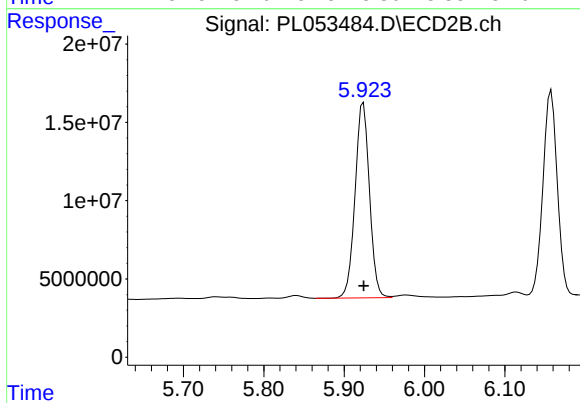
#7 delta-BHC

R.T.: 5.110 min
Delta R.T.: 0.000 min
Response: 150478614
Conc: 49.82 ng/ml



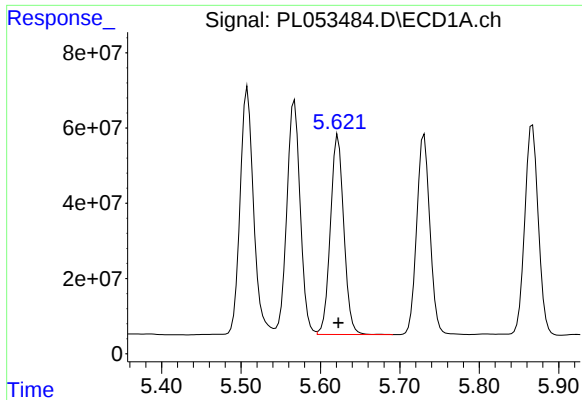
#8 Heptachlor epoxide

R.T.: 5.280 min
Delta R.T.: 0.000 min
Response: 711584568
Conc: 52.71 ng/ml



#8 Heptachlor epoxide

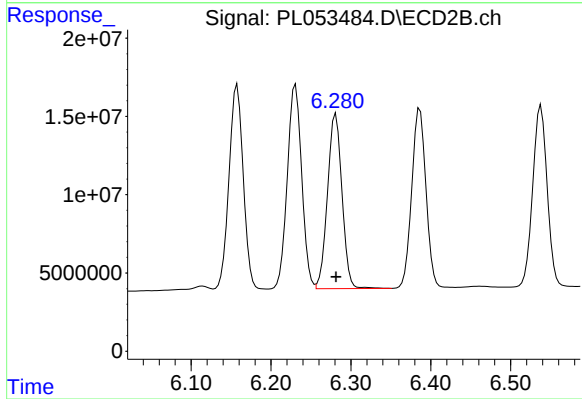
R.T.: 5.924 min
Delta R.T.: 0.000 min
Response: 155221512
Conc: 53.22 ng/ml



#9 Endosulfan I

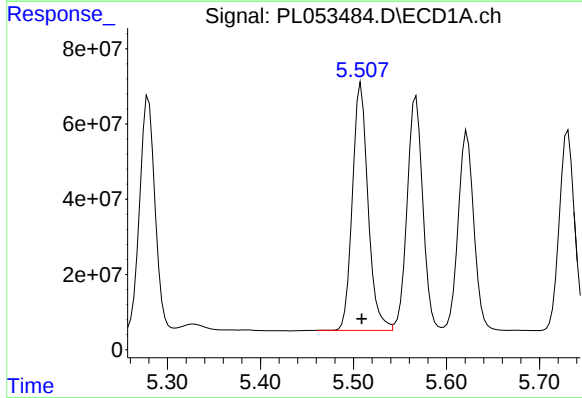
R.T.: 5.622 min
Delta R.T.: 0.000 min
Response: 621153460
Conc: 50.53 ng/ml

Instrument :
ECD_L
ClientSampleId :



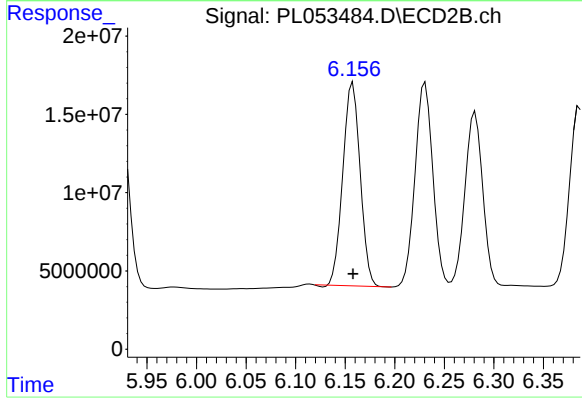
#9 Endosulfan I

R.T.: 6.281 min
Delta R.T.: 0.000 min
Response: 140625232
Conc: 51.87 ng/ml



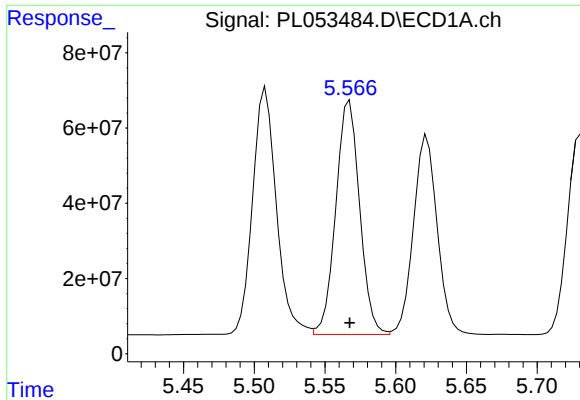
#10 gamma-Chlordane

R.T.: 5.508 min
Delta R.T.: 0.000 min
Response: 771006224
Conc: 56.51 ng/ml



#10 gamma-Chlordane

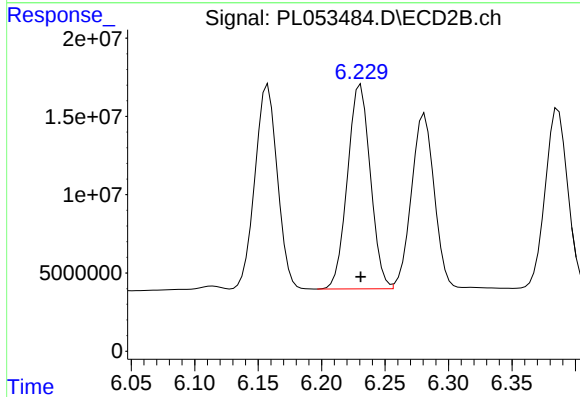
R.T.: 6.158 min
Delta R.T.: 0.000 min
Response: 157739797
Conc: 54.06 ng/ml



#11 alpha-Chlordane

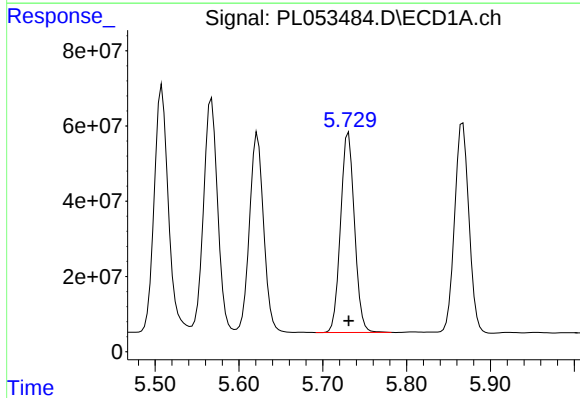
R.T.: 5.567 min
Delta R.T.: 0.000 min
Response: 731061503
Conc: 54.95 ng/ml

Instrument :
ECD_L
ClientSampleId :



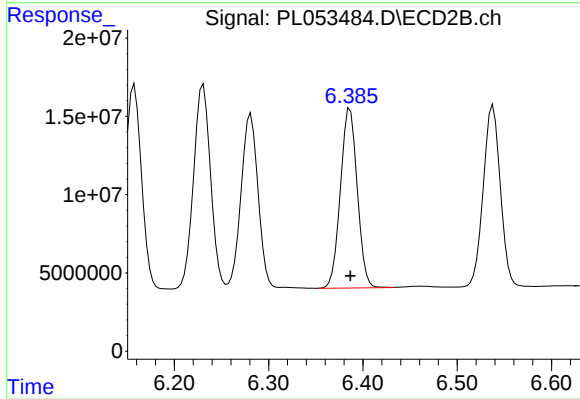
#11 alpha-Chlordane

R.T.: 6.231 min
Delta R.T.: 0.000 min
Response: 164003598
Conc: 56.18 ng/ml



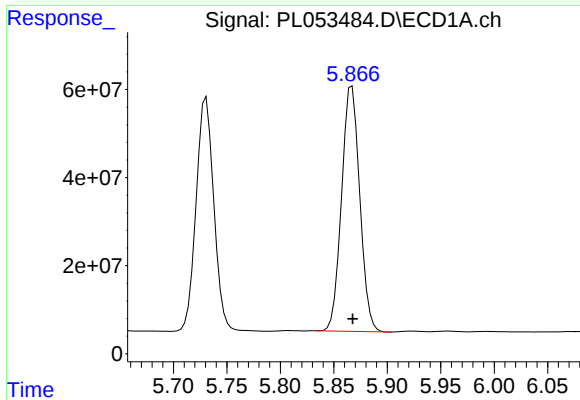
#12 4,4'-DDE

R.T.: 5.731 min
Delta R.T.: 0.000 min
Response: 612520172
Conc: 51.55 ng/ml



#12 4,4'-DDE

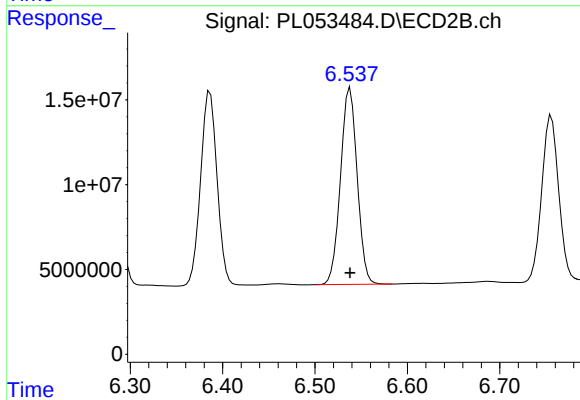
R.T.: 6.386 min
Delta R.T.: 0.000 min
Response: 142572473
Conc: 50.62 ng/ml



#13 Dieldrin

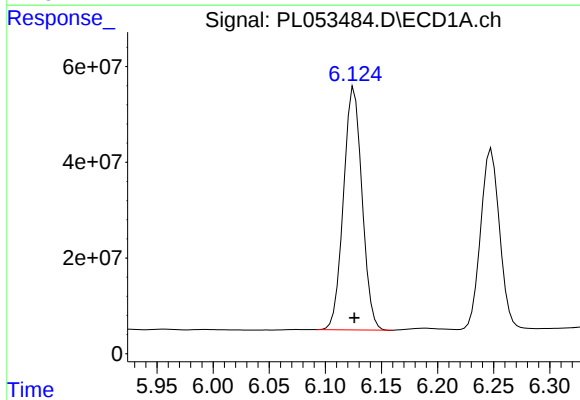
R.T.: 5.867 min
Delta R.T.: 0.000 min
Response: 658878443
Conc: 50.55 ng/ml

Instrument :
ECD_L
ClientSampleId :



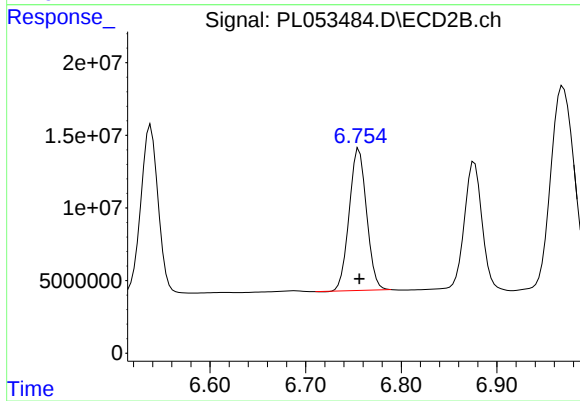
#13 Dieldrin

R.T.: 6.538 min
Delta R.T.: 0.000 min
Response: 145487890
Conc: 50.98 ng/ml



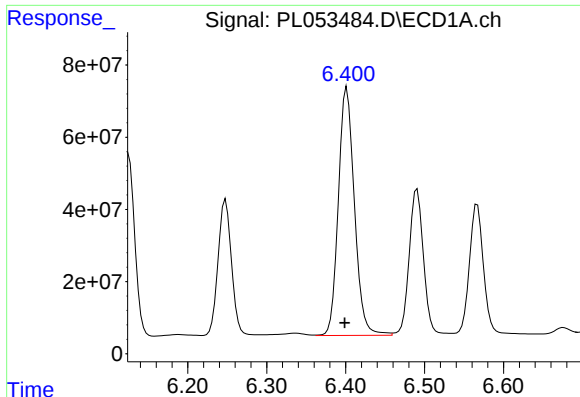
#14 Endrin

R.T.: 6.126 min
Delta R.T.: 0.000 min
Response: 583957519
Conc: 50.38 ng/ml



#14 Endrin

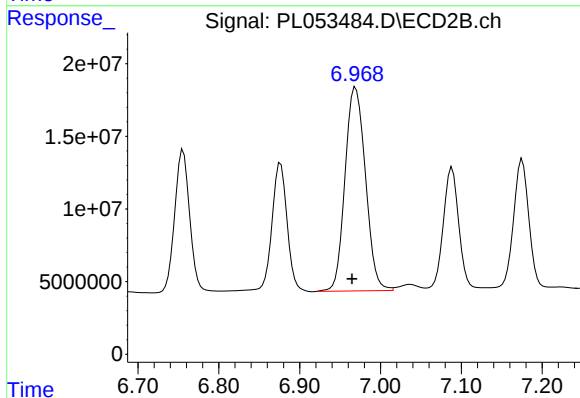
R.T.: 6.756 min
Delta R.T.: 0.000 min
Response: 124079604
Conc: 51.12 ng/ml



#15 Endosulfan II

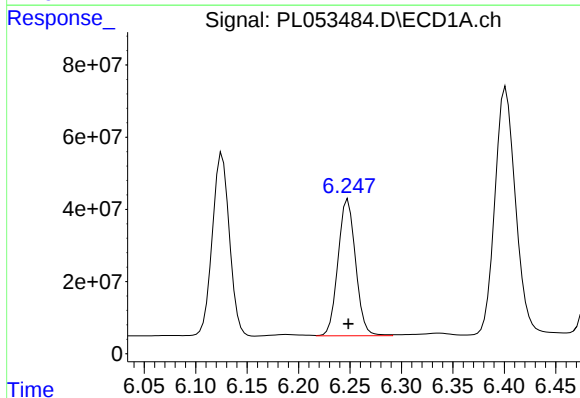
R.T.: 6.402 min
Delta R.T.: 0.003 min
Response: 970726288
Conc: 86.82 ng/ml

Instrument :
ECD_L
ClientSampleId :



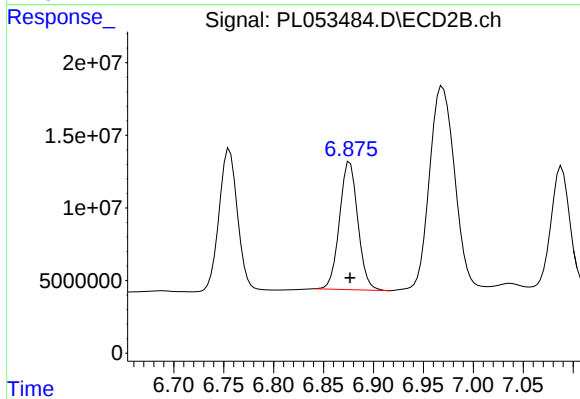
#15 Endosulfan II

R.T.: 6.969 min
Delta R.T.: 0.004 min
Response: 246669959
Conc: 96.56 ng/ml



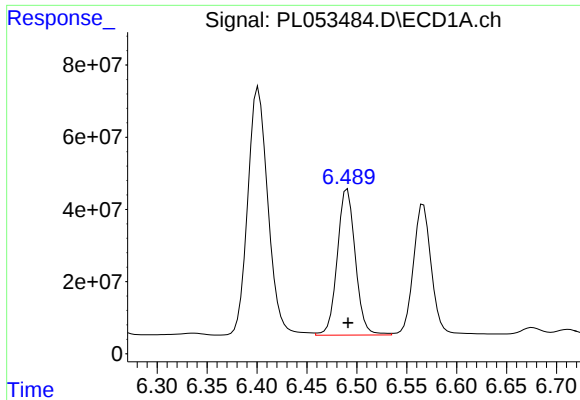
#16 4,4'-DDD

R.T.: 6.248 min
Delta R.T.: 0.000 min
Response: 450258638
Conc: 50.59 ng/ml



#16 4,4'-DDD

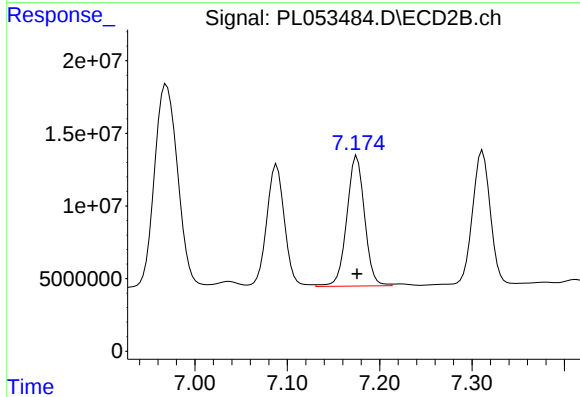
R.T.: 6.876 min
Delta R.T.: 0.000 min
Response: 112483775
Conc: 53.98 ng/ml



#17 4,4'-DDT

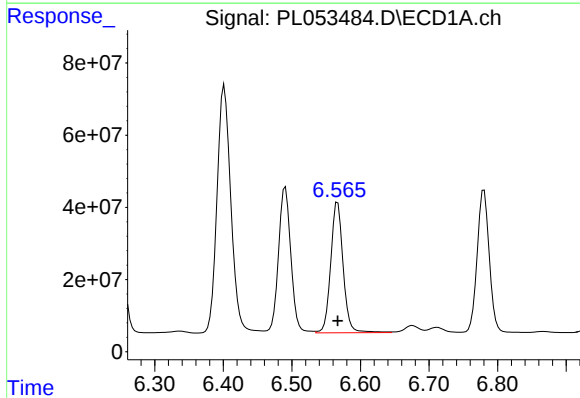
R.T.: 6.491 min
Delta R.T.: 0.000 min
Response: 509597589
Conc: 51.44 ng/ml

Instrument :
ECD_L
ClientSampleId :



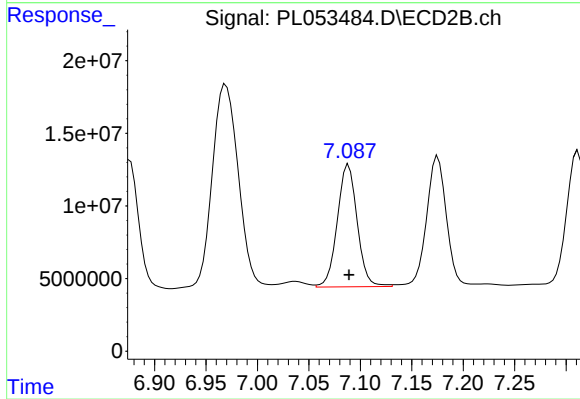
#17 4,4'-DDT

R.T.: 7.175 min
Delta R.T.: 0.000 min
Response: 119765779
Conc: 51.79 ng/ml



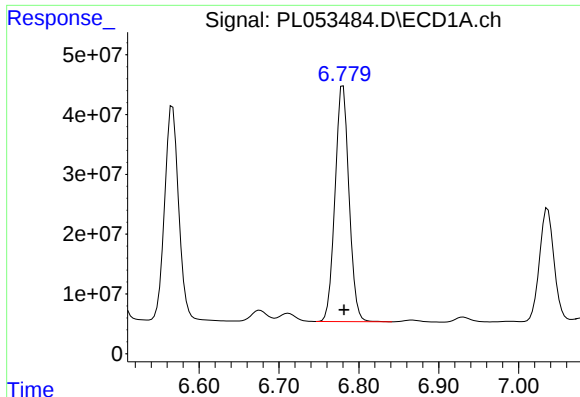
#18 Endrin aldehyde

R.T.: 6.567 min
Delta R.T.: 0.000 min
Response: 456777387
Conc: 49.82 ng/ml



#18 Endrin aldehyde

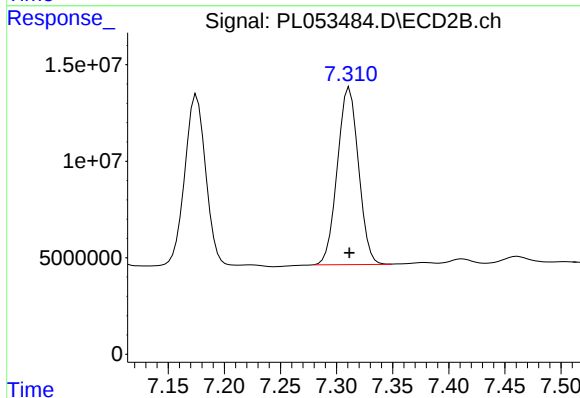
R.T.: 7.089 min
Delta R.T.: 0.000 min
Response: 113180742
Conc: 51.52 ng/ml



#19 Endosulfan Sulfate

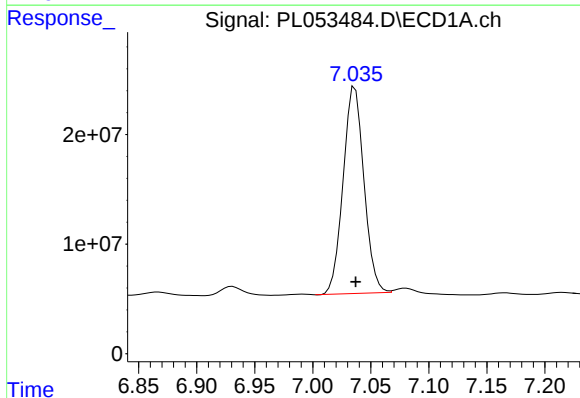
R.T.: 6.780 min
Delta R.T.: -0.001 min
Response: 480163279
Conc: 47.21 ng/ml

Instrument :
ECD_L
ClientSampleId :



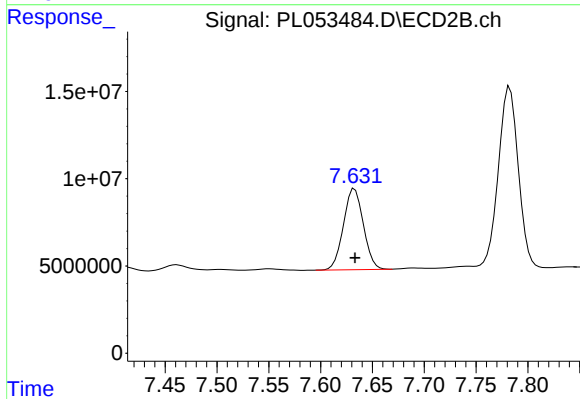
#19 Endosulfan Sulfate

R.T.: 7.311 min
Delta R.T.: 0.000 min
Response: 120495424
Conc: 49.11 ng/ml



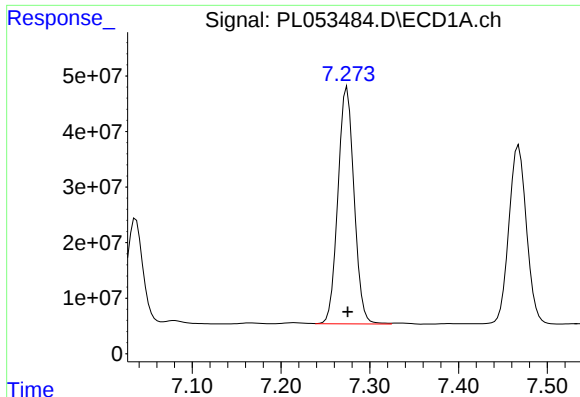
#20 Methoxychlor

R.T.: 7.036 min
Delta R.T.: 0.000 min
Response: 235330686
Conc: 47.73 ng/ml



#20 Methoxychlor

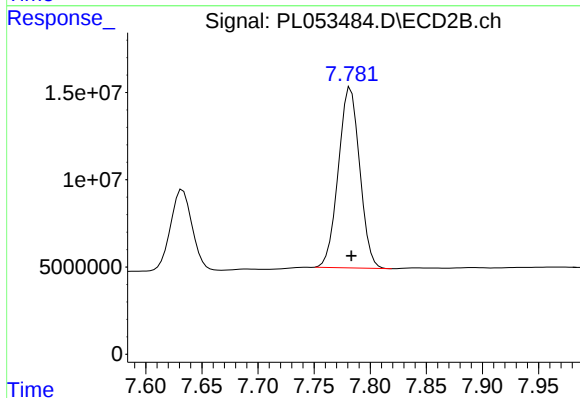
R.T.: 7.633 min
Delta R.T.: 0.000 min
Response: 62019347
Conc: 47.75 ng/ml



#21 Endrin ketone

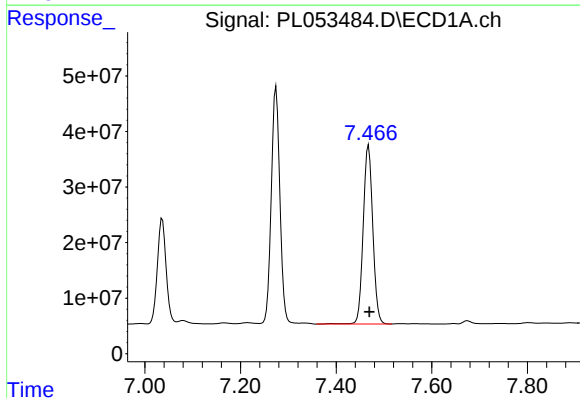
R.T.: 7.274 min
Delta R.T.: 0.000 min
Response: 538592587
Conc: 50.03 ng/ml

Instrument :
ECD_L
ClientSampleId :



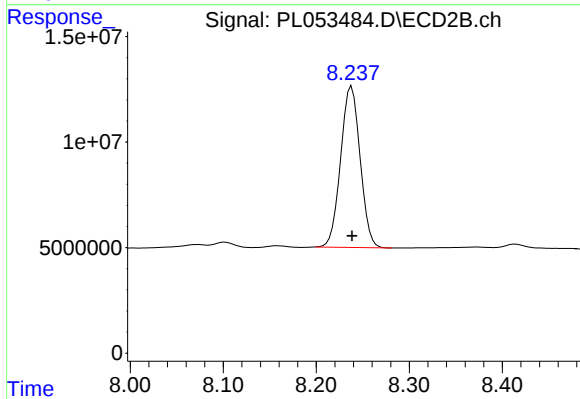
#21 Endrin ketone

R.T.: 7.782 min
Delta R.T.: 0.000 min
Response: 136858855
Conc: 53.08 ng/ml



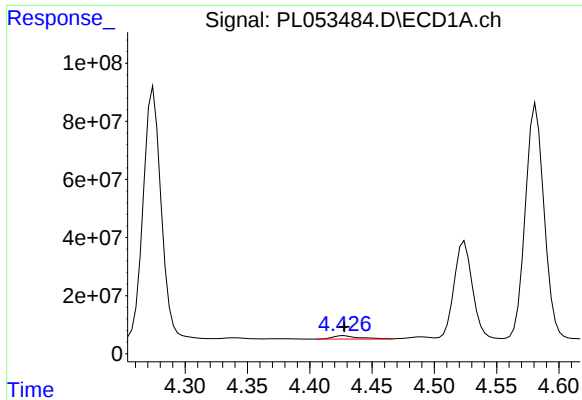
#22 Mirex

R.T.: 7.468 min
Delta R.T.: -0.001 min
Response: 445169647
Conc: 52.05 ng/ml



#22 Mirex

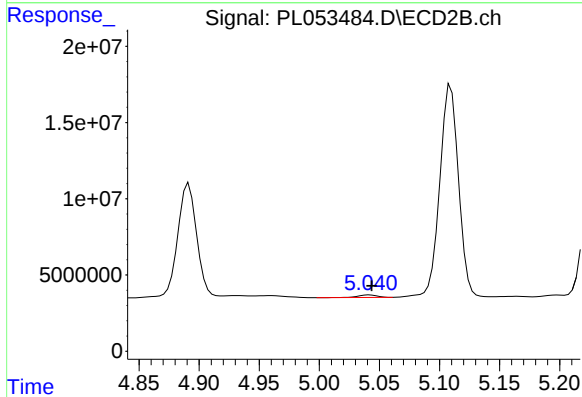
R.T.: 8.238 min
Delta R.T.: 0.000 min
Response: 110940162
Conc: 54.84 ng/ml



#23 Chlordane-1

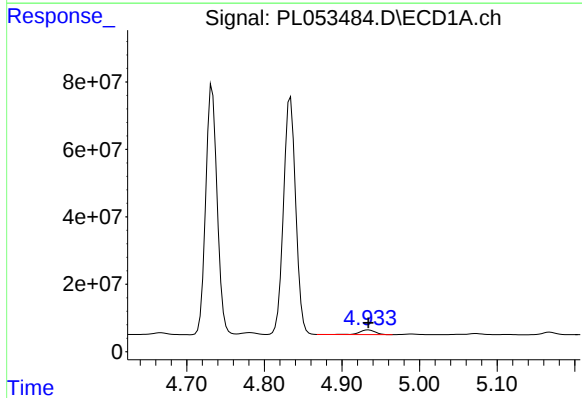
R.T.: 4.427 min
Delta R.T.: 0.000 min
Response: 17948787
Conc: 50.61 ng/ml

Instrument :
ECD_L
ClientSampleId :



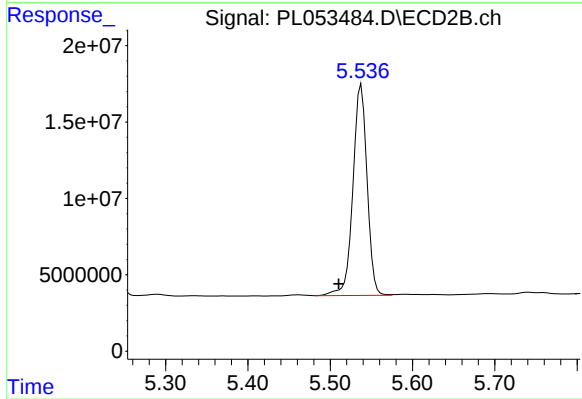
#23 Chlordane-1

R.T.: 5.042 min
Delta R.T.: -0.001 min
Response: 1874073
Conc: 22.35 ng/ml



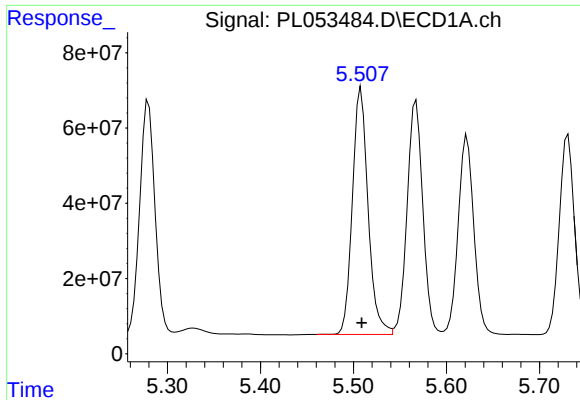
#24 Chlordane-2

R.T.: 4.934 min
Delta R.T.: 0.000 min
Response: 19628203
Conc: 50.94 ng/ml



#24 Chlordane-2

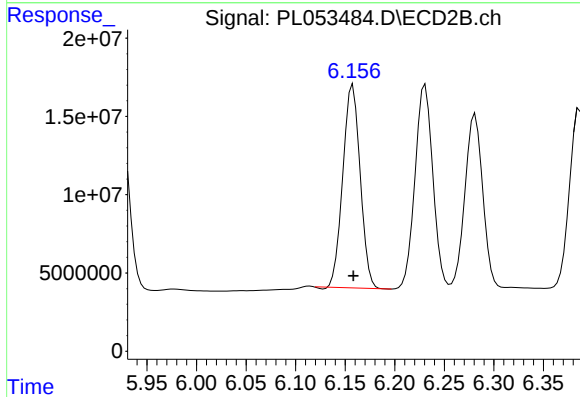
R.T.: 5.538 min
Delta R.T.: 0.027 min
Response: 164669938
Conc: 1676.52 ng/ml



#25 Chlordane-3

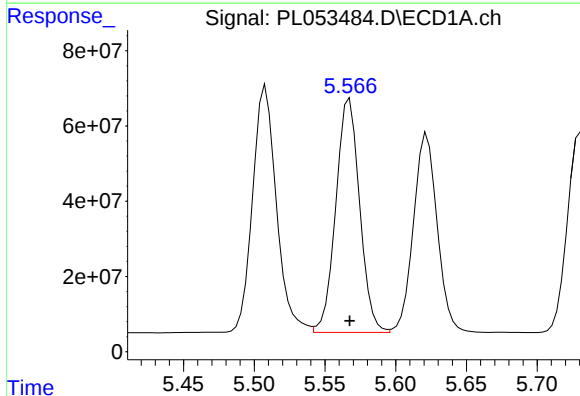
R.T.: 5.508 min
Delta R.T.: 0.000 min
Response: 771006224
Conc: 668.88 ng/ml

Instrument :
ECD_L
ClientSampleId :



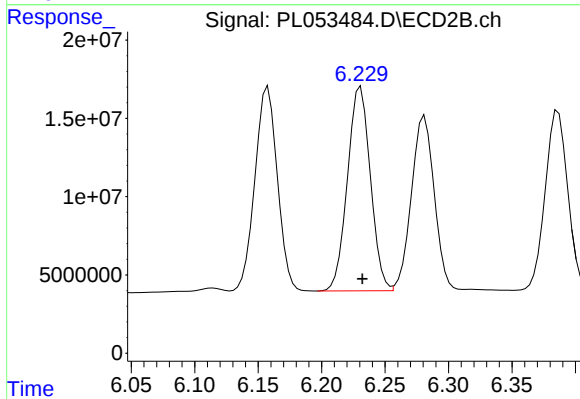
#25 Chlordane-3

R.T.: 6.158 min
Delta R.T.: 0.000 min
Response: 157739797
Conc: 431.89 ng/ml



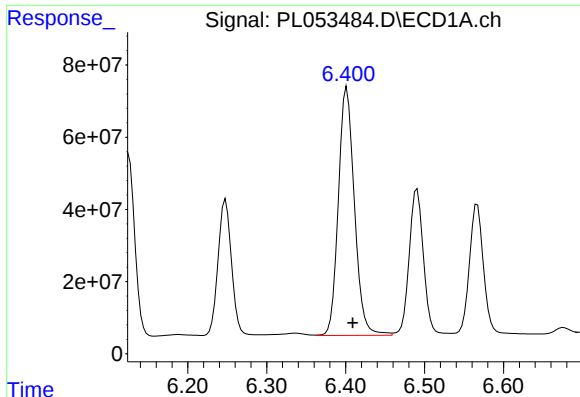
#26 Chlordane-4

R.T.: 5.567 min
Delta R.T.: 0.000 min
Response: 731061503
Conc: 779.84 ng/ml



#26 Chlordane-4

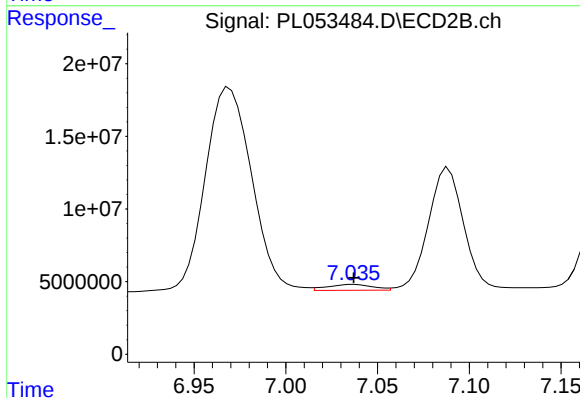
R.T.: 6.231 min
Delta R.T.: -0.001 min
Response: 164003598
Conc: 365.32 ng/ml



#27 Chlordane-5

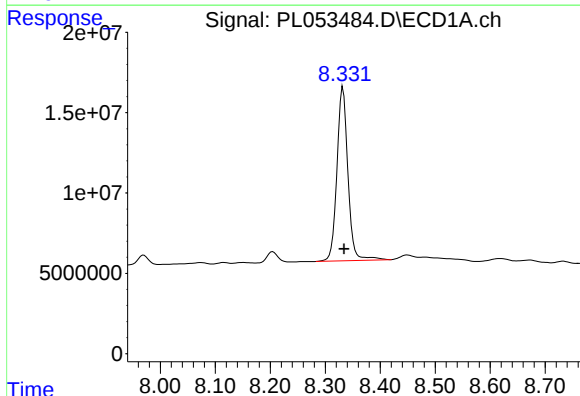
R.T.: 6.402 min
Delta R.T.: -0.007 min
Response: 970726288
Conc: 2655.56 ng/ml

Instrument :
ECD_L
ClientSampleId :



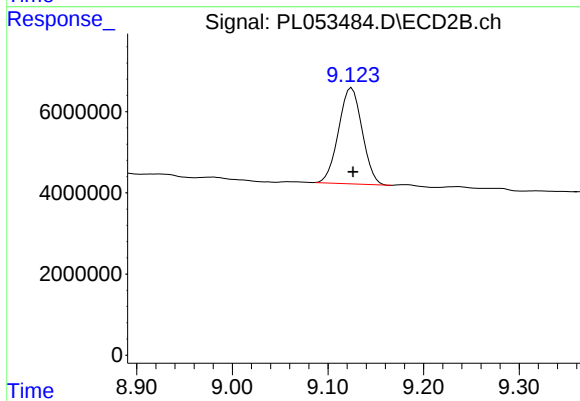
#27 Chlordane-5

R.T.: 7.037 min
Delta R.T.: 0.000 min
Response: 7074865
Conc: 92.54 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.332 min
Delta R.T.: -0.002 min
Response: 150737586
Conc: 15.36 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.125 min
Delta R.T.: -0.001 min
Response: 40651585
Conc: 14.44 ng/ml