

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100819\
 Data File : PL053146.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Oct 2019 13:20
 Operator : SG\AJ
 Sample : K5213-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 S-4(0-5)

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 09 00:40:21 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...	3.549	4.049	67190774	20326826	6.755	7.570
28)	SA Decachlor...	8.339	9.126	188.6E6	56417176	18.827	19.231
Target Compounds							
2)	A alpha-BHC	4.016f	4.466f	10212050	31861802	0.640	8.297 #
3)	MA gamma-BHC...	0.000	4.725	0	2737776	N.D.	0.756 #
4)	MA Heptachlor	4.592	5.258f	91461668	6556129	6.121	1.720 #
5)	MB Aldrin	4.839	5.534	482.9E6	16237214	35.108	4.685 #
6)	B beta-BHC	4.554f	4.922f	14732759	13830297	2.373	8.799 #
7)	B delta-BHC	4.755f	0.000	60655979	0	4.233	N.D. #
8)	B Heptachlo...	5.302	5.916	106.7E6	366.8E6	8.187	109.443 #
9)	A Endosulfan I	5.644	6.263f	122.9E6	38125955	10.129	12.198
10)	B gamma-Chl...	5.530	6.175f	1080.7E6	279.6E6	80.364	82.637
11)	B alpha-Chl...	5.587	6.231	90028428	24484924	6.826	7.274
12)	B 4,4'-DDE	0.000	6.390	0	287.7E6	N.D.	88.086 #
13)	MA Dieldrin	5.862	6.530	3038.3E6	112.0E6	235.378	34.327 #
14)	MA Endrin	6.123	6.750	316.7E6	595.5E6	27.803	214.446 #
15)	B Endosulfa...	6.387f	6.952	826.4E6	13281658	72.116	4.476 #
16)	A 4,4'-DDD	0.000	6.886	0	472.7E6	N.D.	192.746 #
17)	MA 4,4'-DDT	6.493	7.152f	2592.9E6	660.2E6	253.897	253.692
18)	B Endrin al...	6.587	7.099	149.1E6	57881213	15.877	23.599 #
19)	B Endosulfa...	6.782	7.283f	154.5E6	46156565	14.840	16.905
20)	A Methoxychlor	7.028f	7.620	181.3E6	3353229	35.144	2.382 #
21)	B Endrin ke...	7.305f	0.000	106.3E6	0	9.117	N.D. #
22)	Mirex	0.000	8.263f	0	26820904	N.D.	11.924 #
23)	Chlordane-1	0.000	5.054	0	24171797	N.D.	238.311 #
24)	Chlordane-2	0.000	5.534f	0	16237214	N.D.	145.076 #
25)	Chlordane-3	5.530	6.175f	1080.7E6	279.6E6	932.721	641.934 #
26)	Chlordane-4	5.587	6.231	90028428	24484924	94.329	46.111 #
27)	Chlordane-5	6.442f	7.059f	304.2E6	38770217	771.298	439.525 #

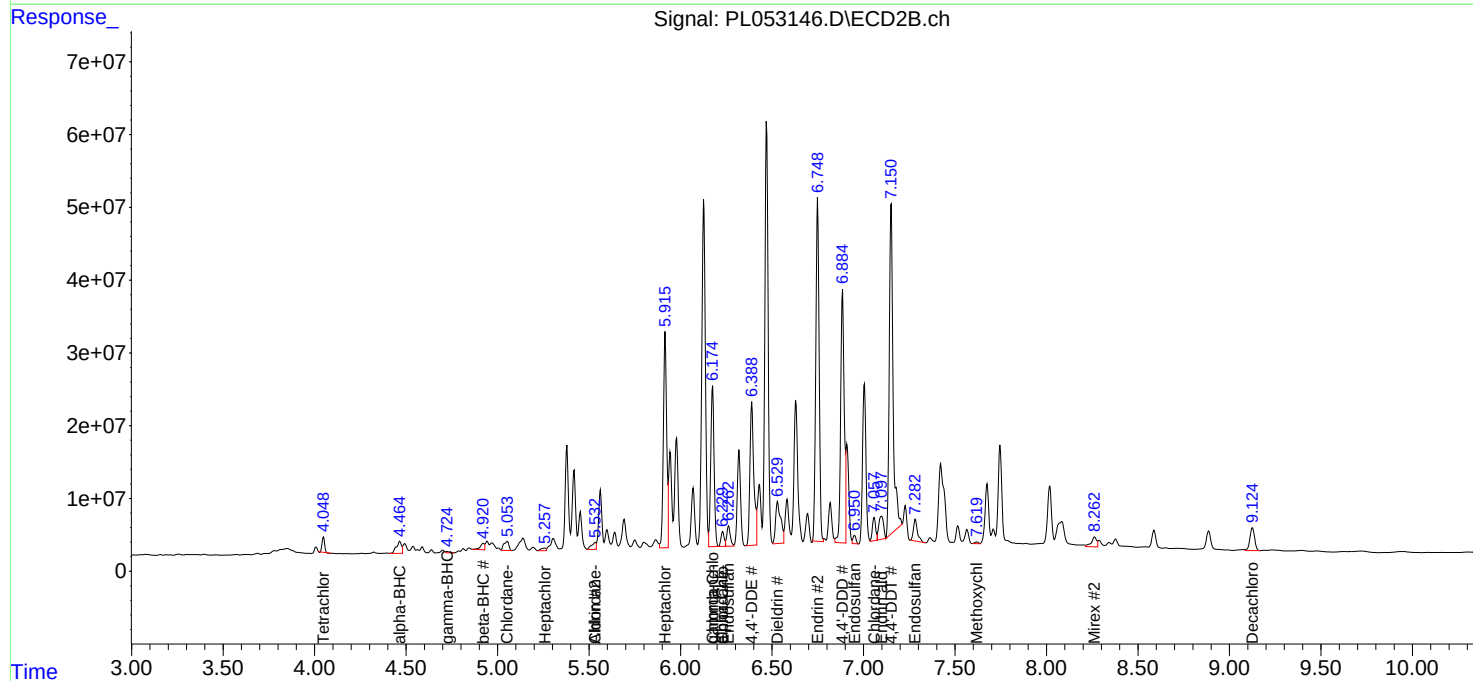
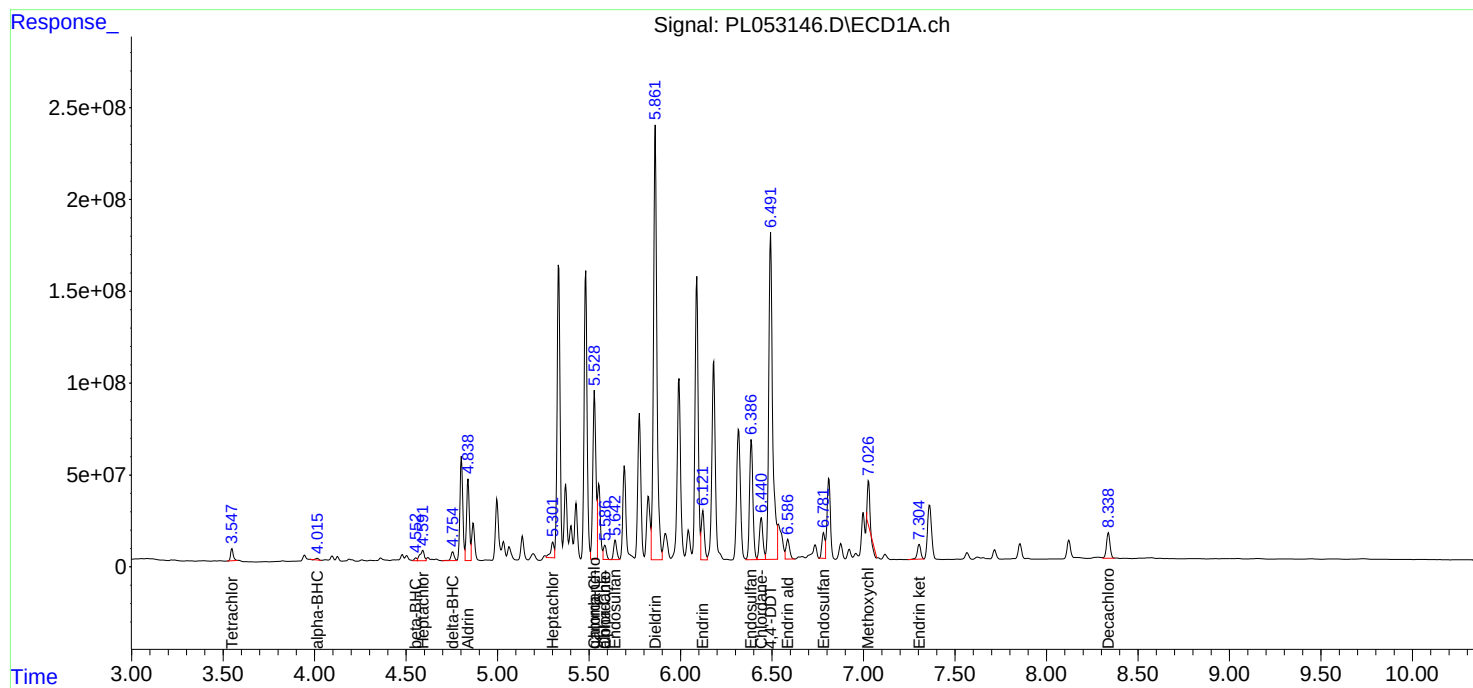
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

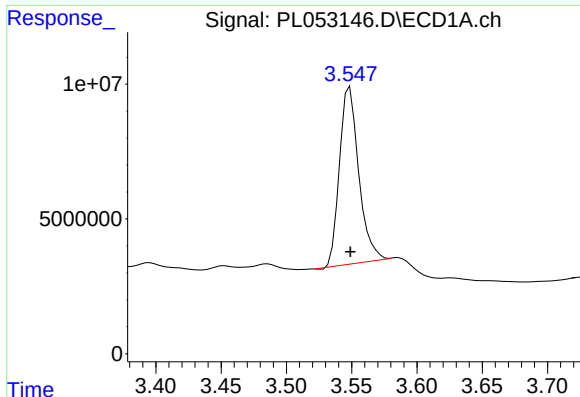
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100819\
Data File : PL053146.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Oct 2019 13:20
Operator : SG\AJ
Sample : K5213-07
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampled :
S-4(0-5)

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 09 00:40:21 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

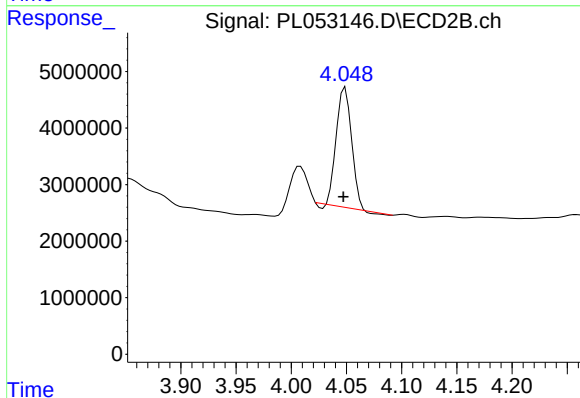




#1 Tetrachloro-m-xylene

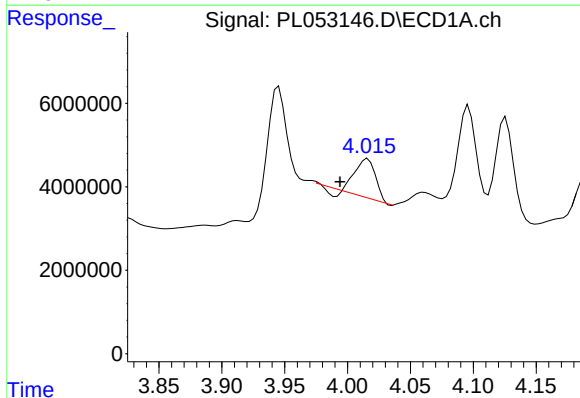
R.T.: 3.549 min
Delta R.T.: 0.000 min
Response: 67190774
Conc: 6.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-4(0-5)



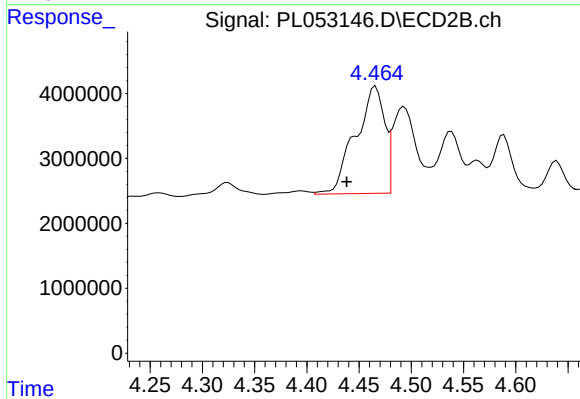
#1 Tetrachloro-m-xylene

R.T.: 4.049 min
Delta R.T.: 0.002 min
Response: 20326826
Conc: 7.57 ng/ml



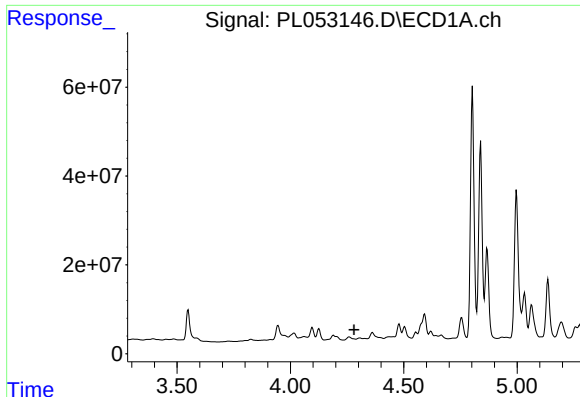
#2 alpha-BHC

R.T.: 4.016 min
Delta R.T.: 0.022 min
Response: 10212050
Conc: 0.64 ng/ml



#2 alpha-BHC

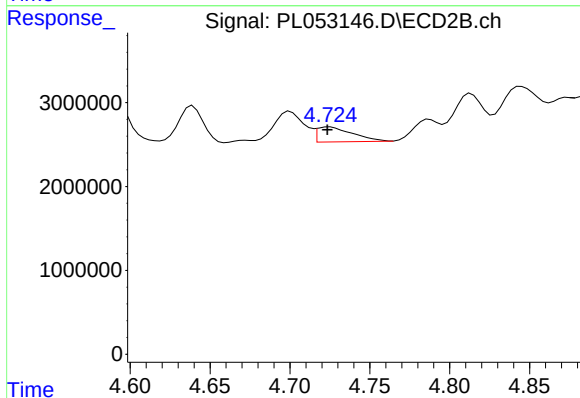
R.T.: 4.466 min
Delta R.T.: 0.028 min
Response: 31861802
Conc: 8.30 ng/ml



#3 gamma-BHC (Lindane)

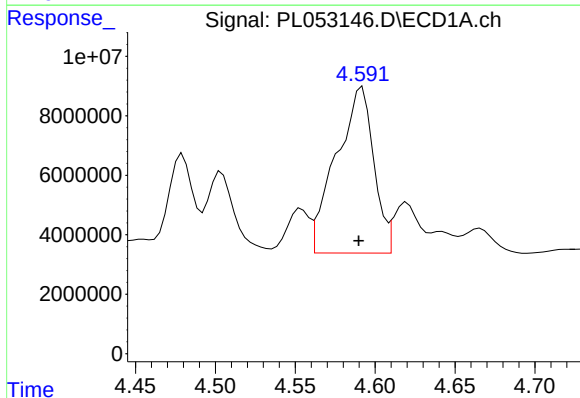
R.T.: 0.000 min
Exp R.T.: 4.281 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
S-4(0-5)



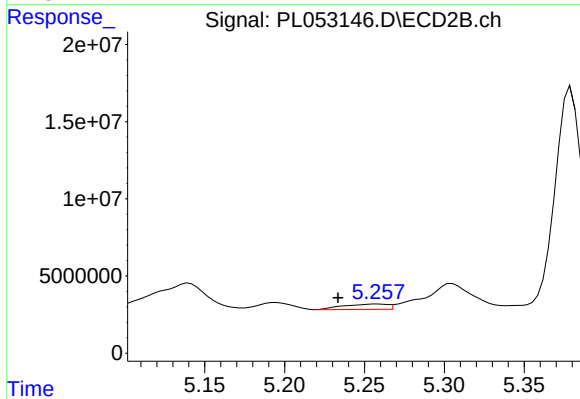
#3 gamma-BHC (Lindane)

R.T.: 4.725 min
Delta R.T.: 0.002 min
Response: 2737776
Conc: 0.76 ng/ml



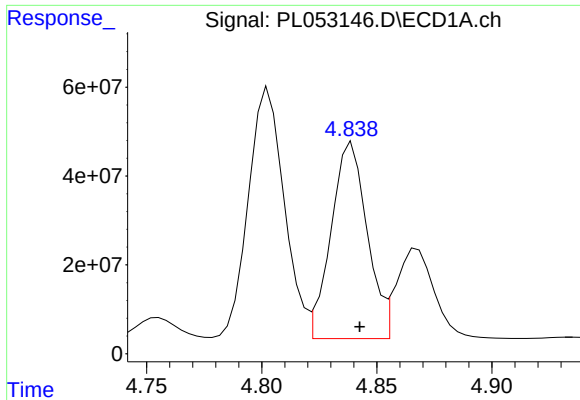
#4 Heptachlor

R.T.: 4.592 min
Delta R.T.: 0.002 min
Response: 91461668
Conc: 6.12 ng/ml



#4 Heptachlor

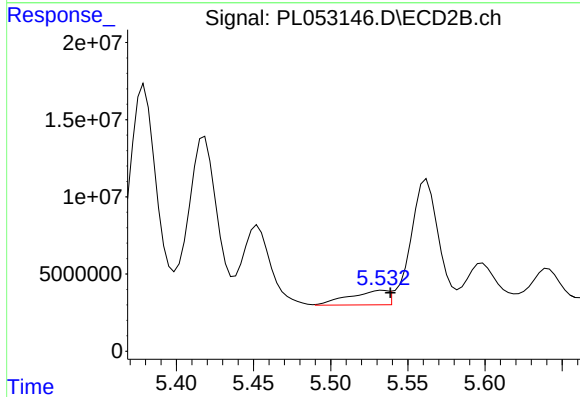
R.T.: 5.258 min
Delta R.T.: 0.025 min
Response: 6556129
Conc: 1.72 ng/ml



#5 Aldrin

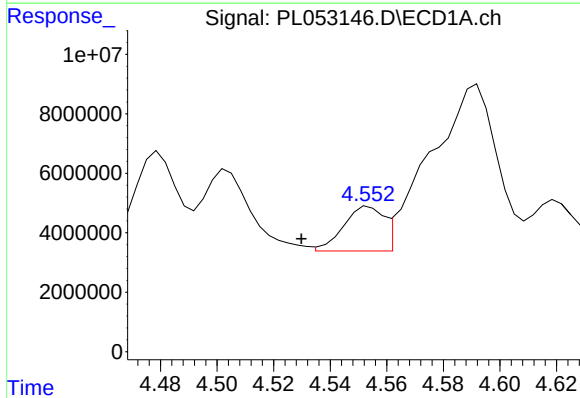
R.T.: 4.839 min
Delta R.T.: -0.003 min
Response: 482917808
Conc: 35.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-4(0-5)



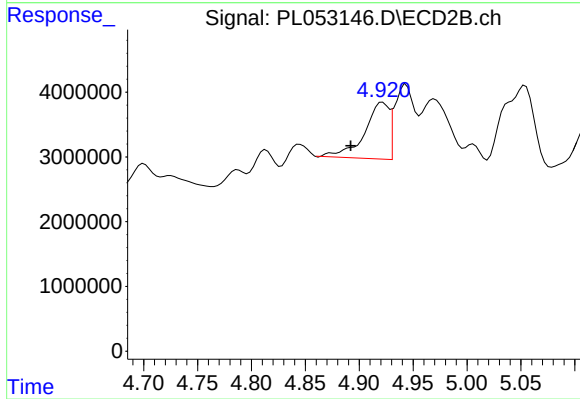
#5 Aldrin

R.T.: 5.534 min
Delta R.T.: -0.005 min
Response: 16237214
Conc: 4.69 ng/ml



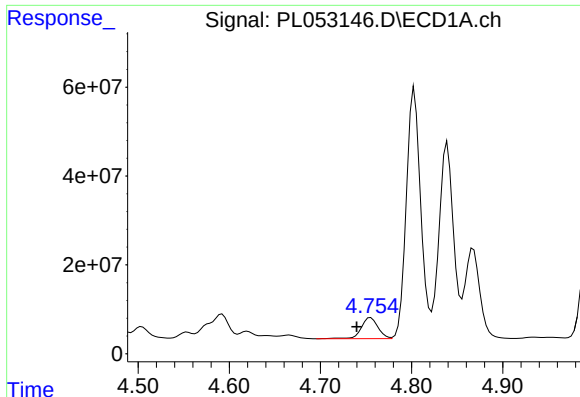
#6 beta-BHC

R.T.: 4.554 min
Delta R.T.: 0.024 min
Response: 14732759
Conc: 2.37 ng/ml



#6 beta-BHC

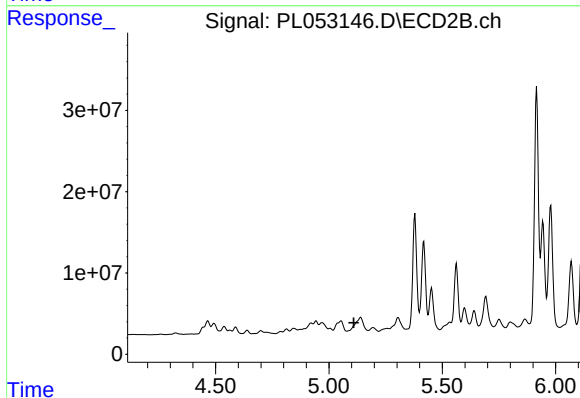
R.T.: 4.922 min
Delta R.T.: 0.030 min
Response: 13830297
Conc: 8.80 ng/ml



#7 delta-BHC

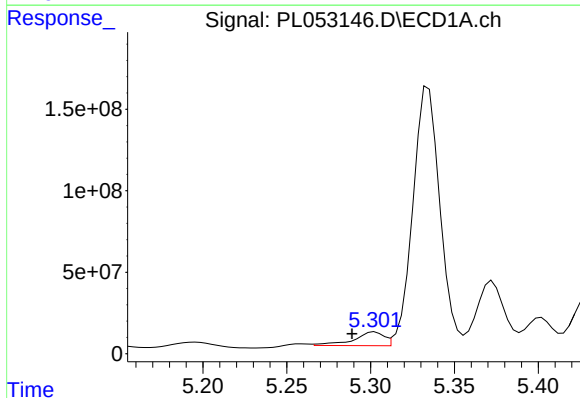
R.T.: 4.755 min
Delta R.T.: 0.016 min
Response: 60655979
Conc: 4.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-4(0-5)



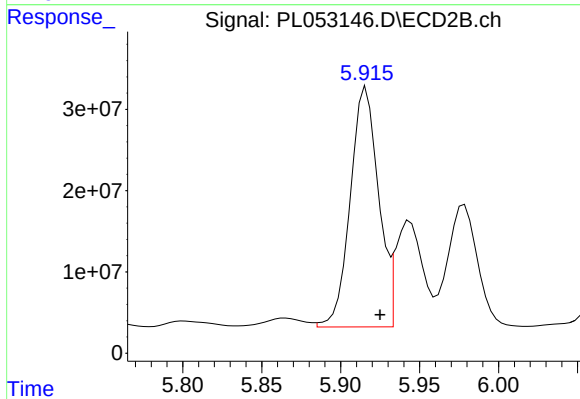
#7 delta-BHC

R.T.: 0.000 min
Exp R.T. : 5.109 min
Response: 0
Conc: N.D.



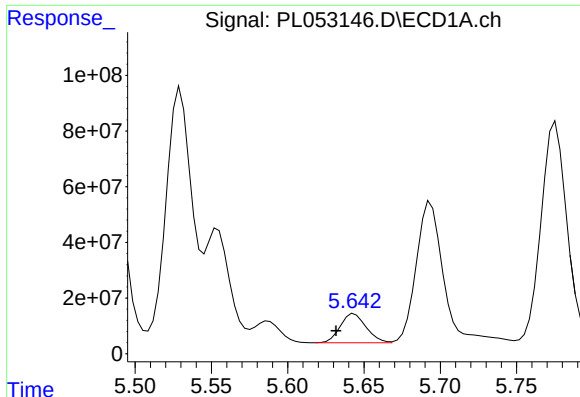
#8 Heptachlor epoxide

R.T.: 5.302 min
Delta R.T.: 0.014 min
Response: 106689379
Conc: 8.19 ng/ml



#8 Heptachlor epoxide

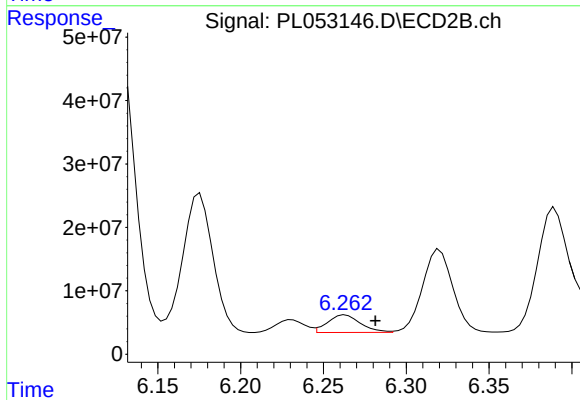
R.T.: 5.916 min
Delta R.T.: -0.009 min
Response: 366798848
Conc: 109.44 ng/ml



#9 Endosulfan I

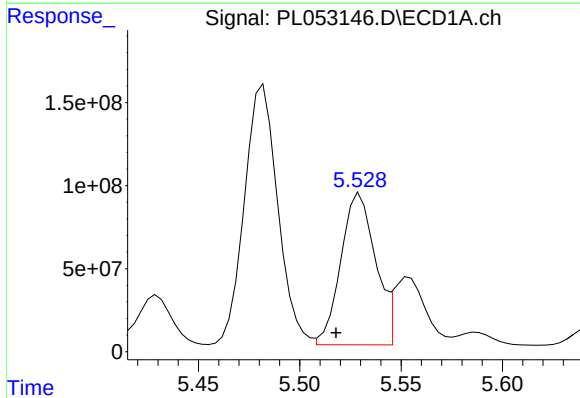
R.T.: 5.644 min
Delta R.T.: 0.012 min
Response: 122924541
Conc: 10.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-4(0-5)



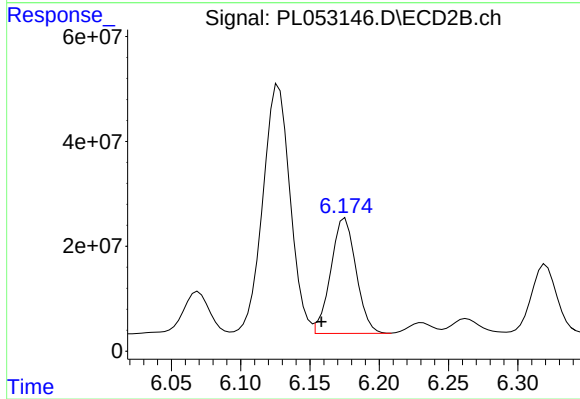
#9 Endosulfan I

R.T.: 6.263 min
Delta R.T.: -0.018 min
Response: 38125955
Conc: 12.20 ng/ml



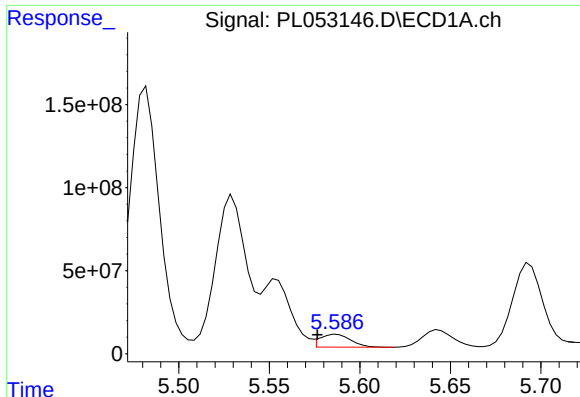
#10 gamma-Chlordane

R.T.: 5.530 min
Delta R.T.: 0.012 min
Response: 1080743485
Conc: 80.36 ng/ml



#10 gamma-Chlordane

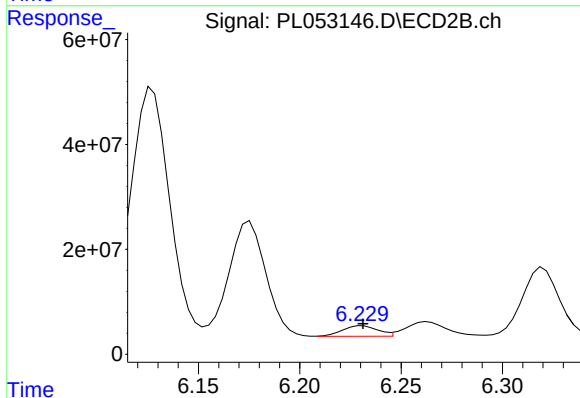
R.T.: 6.175 min
Delta R.T.: 0.017 min
Response: 279568100
Conc: 82.64 ng/ml



#11 alpha-Chlordane

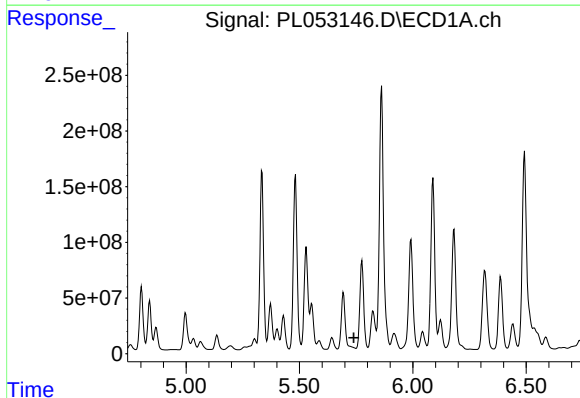
R.T.: 5.587 min
Delta R.T.: 0.011 min
Response: 90028428
Conc: 6.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-4(0-5)



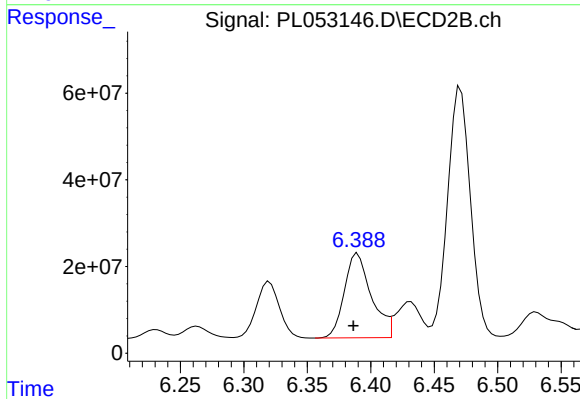
#11 alpha-Chlordane

R.T.: 6.231 min
Delta R.T.: 0.000 min
Response: 24484924
Conc: 7.27 ng/ml



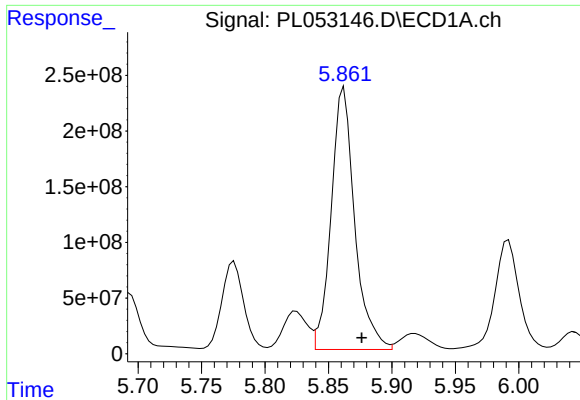
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T. : 5.740 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

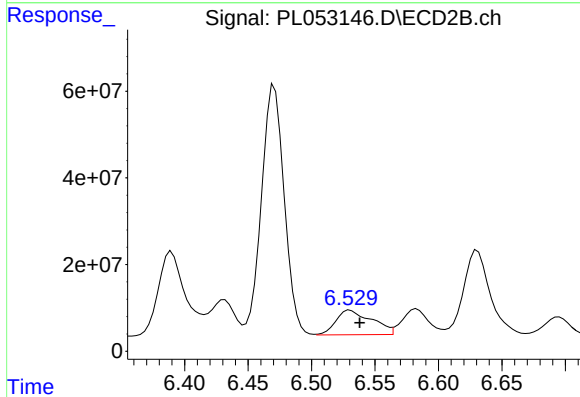
R.T.: 6.390 min
Delta R.T.: 0.003 min
Response: 287702276
Conc: 88.09 ng/ml



#13 Dieldrin

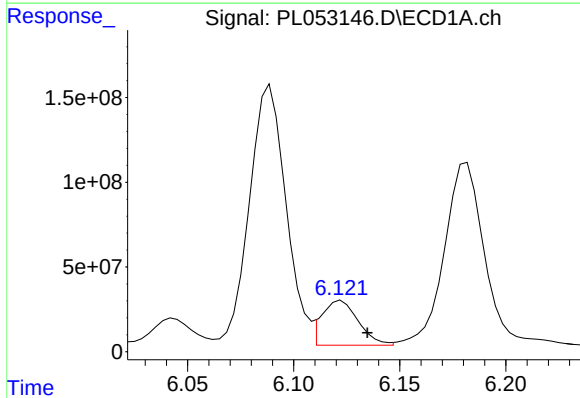
R.T.: 5.862 min
Delta R.T.: -0.014 min
Response: 3038299752
Conc: 235.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-4(0-5)



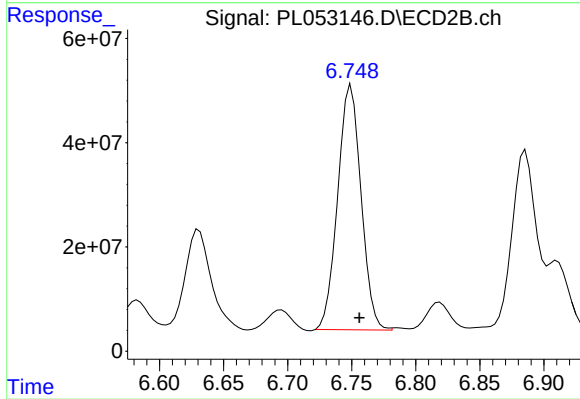
#13 Dieldrin

R.T.: 6.530 min
Delta R.T.: -0.008 min
Response: 111974622
Conc: 34.33 ng/ml



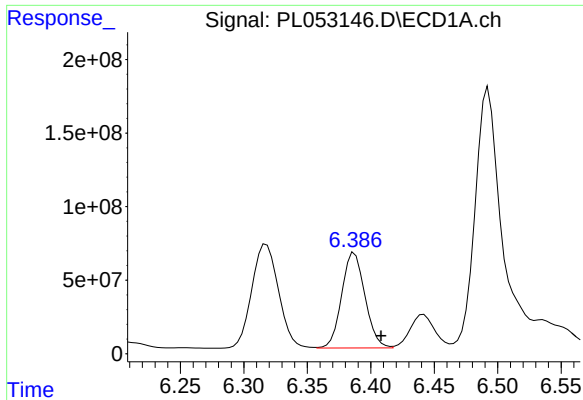
#14 Endrin

R.T.: 6.123 min
Delta R.T.: -0.012 min
Response: 316692514
Conc: 27.80 ng/ml



#14 Endrin

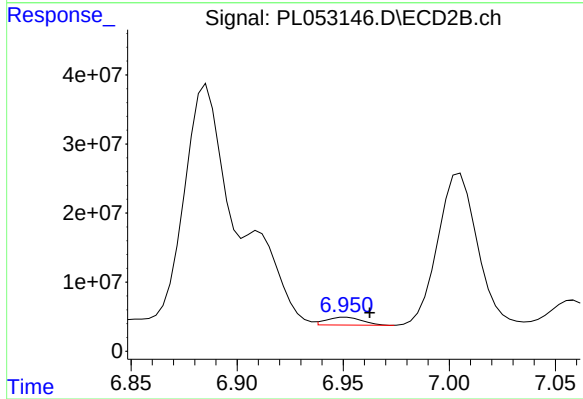
R.T.: 6.750 min
Delta R.T.: -0.006 min
Response: 595492258
Conc: 214.45 ng/ml



#15 Endosulfan II

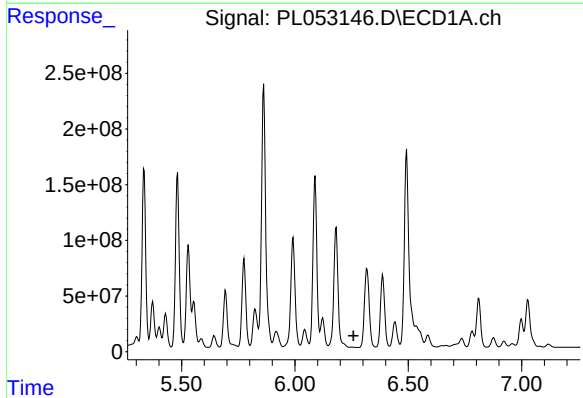
R.T.: 6.387 min
Delta R.T.: -0.021 min
Response: 826419282
Conc: 72.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-4(0-5)



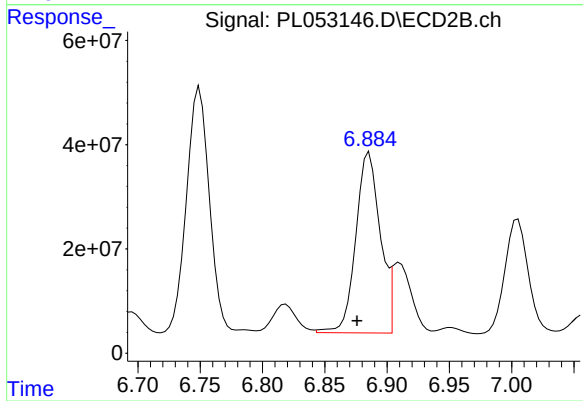
#15 Endosulfan II

R.T.: 6.952 min
Delta R.T.: -0.011 min
Response: 13281658
Conc: 4.48 ng/ml



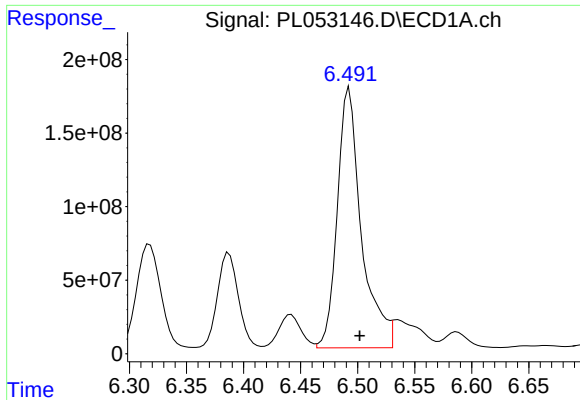
#16 4,4'-DDD

R.T.: 0.000 min
Exp R.T. : 6.258 min
Response: 0
Conc: N.D.



#16 4,4'-DDD

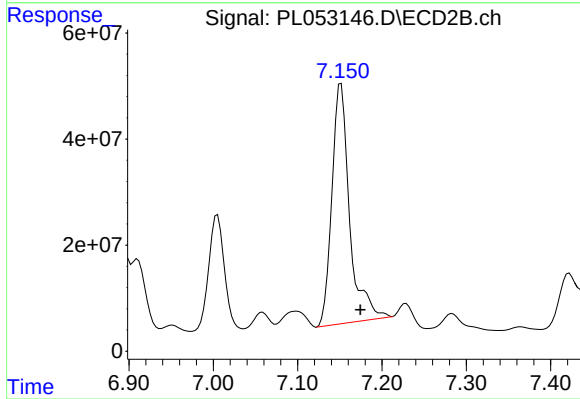
R.T.: 6.886 min
Delta R.T.: 0.010 min
Response: 472722092
Conc: 192.75 ng/ml



#17 4,4'-DDT

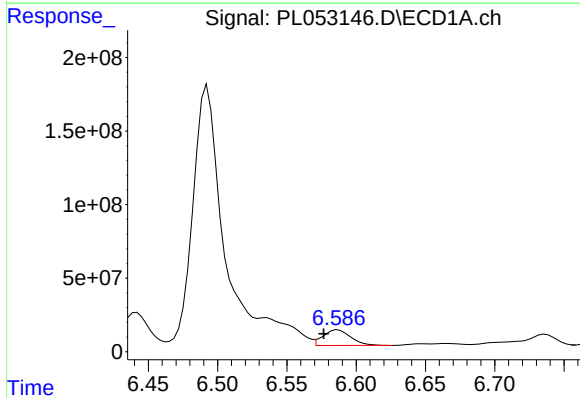
R.T.: 6.493 min
Delta R.T.: -0.009 min
Response: 2592905484
Conc: 253.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-4(0-5)



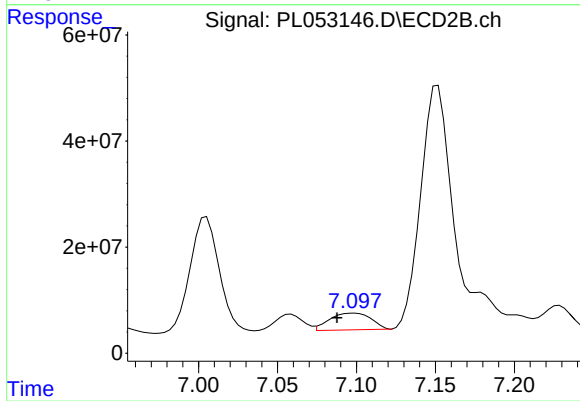
#17 4,4'-DDT

R.T.: 7.152 min
Delta R.T.: -0.023 min
Response: 660246497
Conc: 253.69 ng/ml



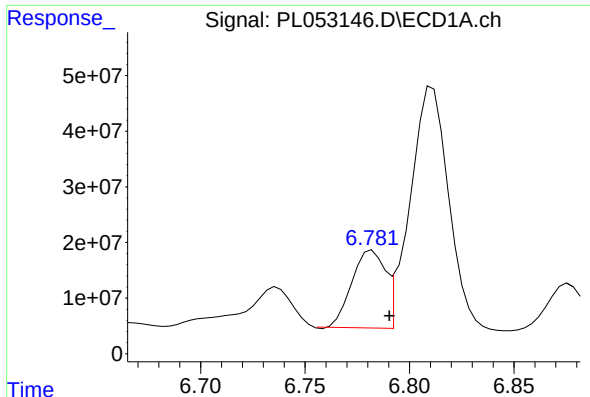
#18 Endrin aldehyde

R.T.: 6.587 min
Delta R.T.: 0.010 min
Response: 149096451
Conc: 15.88 ng/ml



#18 Endrin aldehyde

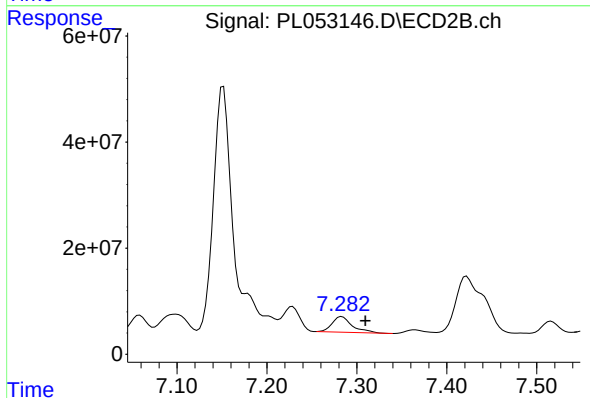
R.T.: 7.099 min
Delta R.T.: 0.011 min
Response: 57881213
Conc: 23.60 ng/ml



#19 Endosulfan Sulfate

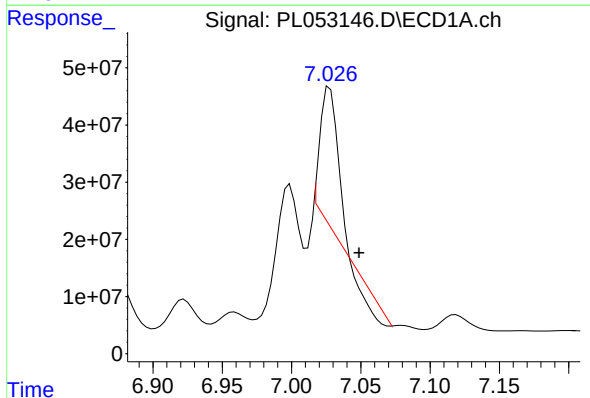
R.T.: 6.782 min
Delta R.T.: -0.008 min
Response: 154469845
Conc: 14.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-4(0-5)



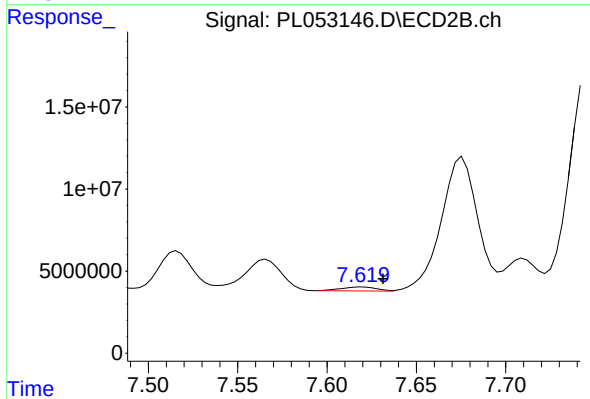
#19 Endosulfan Sulfate

R.T.: 7.283 min
Delta R.T.: -0.026 min
Response: 46156565
Conc: 16.90 ng/ml



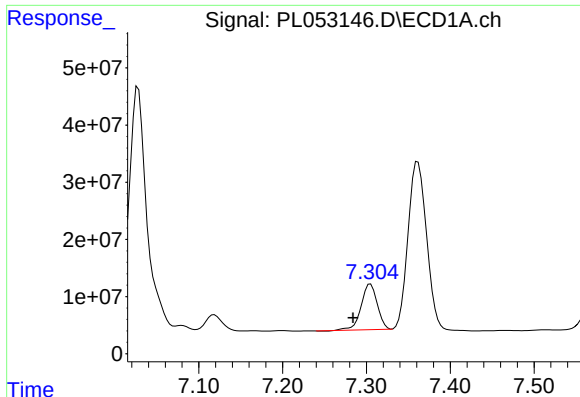
#20 Methoxychlor

R.T.: 7.028 min
Delta R.T.: -0.021 min
Response: 181276269
Conc: 35.14 ng/ml



#20 Methoxychlor

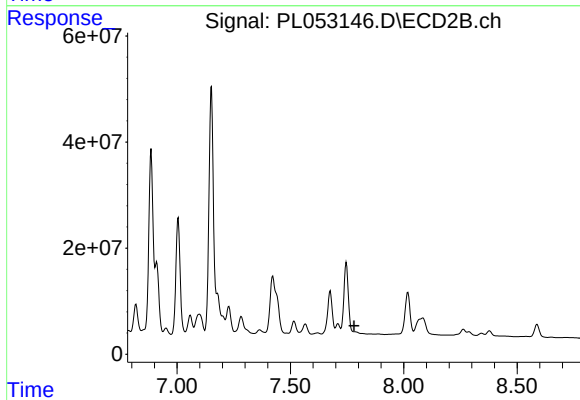
R.T.: 7.620 min
Delta R.T.: -0.011 min
Response: 3353229
Conc: 2.38 ng/ml



#21 Endrin ketone

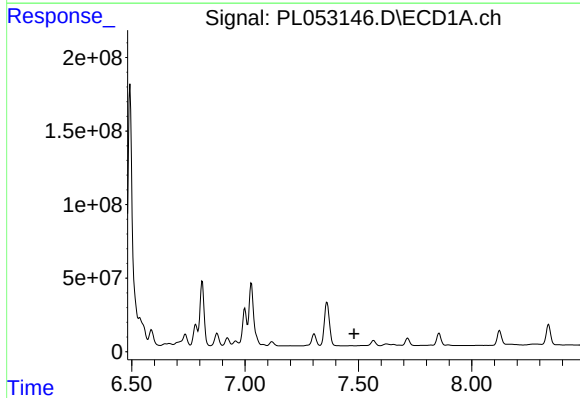
R.T.: 7.305 min
Delta R.T.: 0.021 min
Response: 106255385
Conc: 9.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-4(0-5)



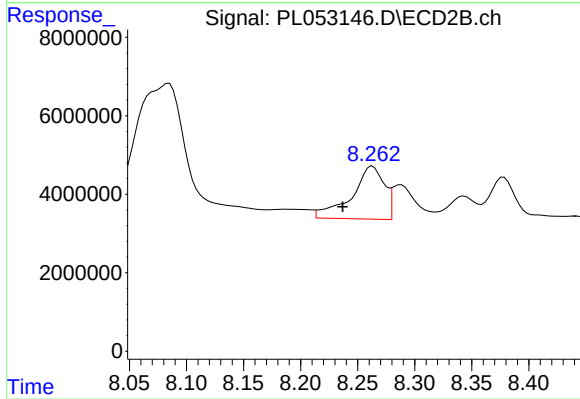
#21 Endrin ketone

R.T.: 0.000 min
Exp R.T. : 7.781 min
Response: 0
Conc: N.D.



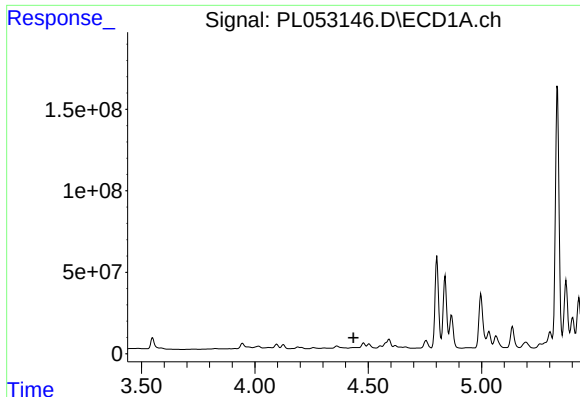
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 7.481 min
Response: 0
Conc: N.D.



#22 Mirex

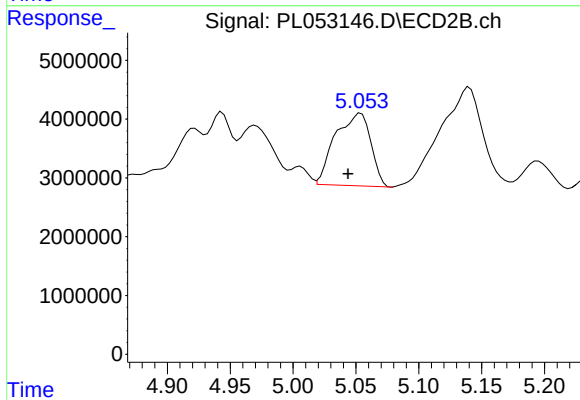
R.T.: 8.263 min
Delta R.T.: 0.026 min
Response: 26820904
Conc: 11.92 ng/ml



#23 Chlordane-1

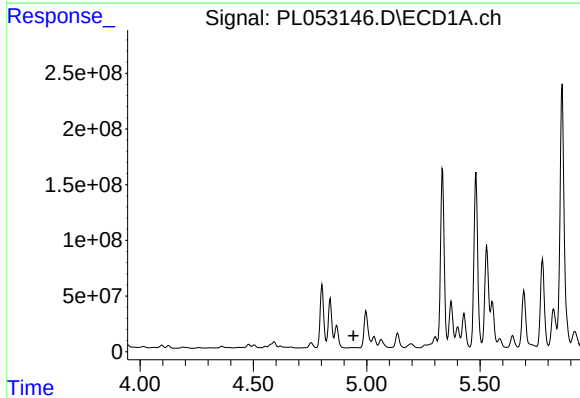
R.T.: 0.000 min
Exp R.T.: 4.435 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
S-4(0-5)



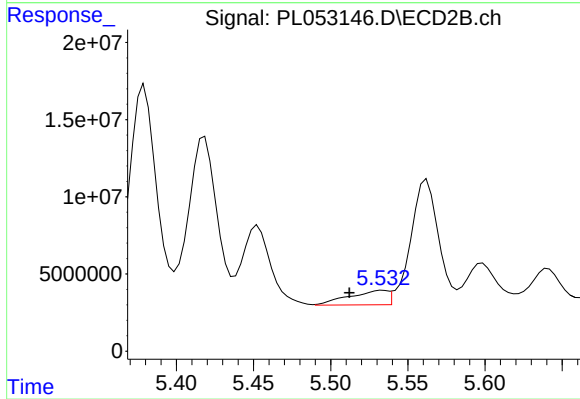
#23 Chlordane-1

R.T.: 5.054 min
Delta R.T.: 0.010 min
Response: 24171797
Conc: 238.31 ng/ml



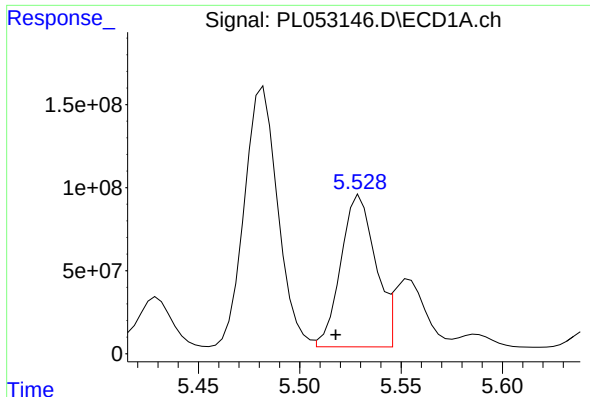
#24 Chlordane-2

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



#24 Chlordane-2

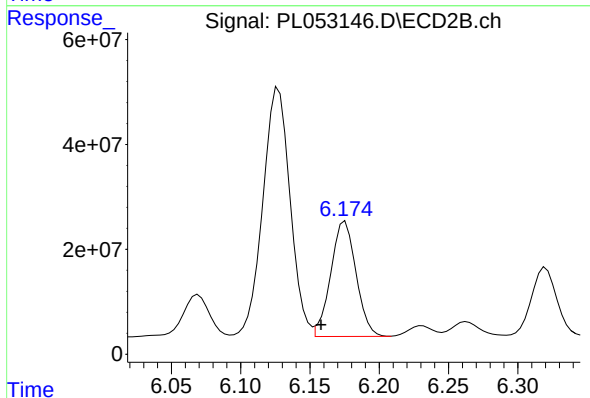
R.T.: 5.534 min
Delta R.T.: 0.022 min
Response: 16237214
Conc: 145.08 ng/ml



#25 Chlordane-3

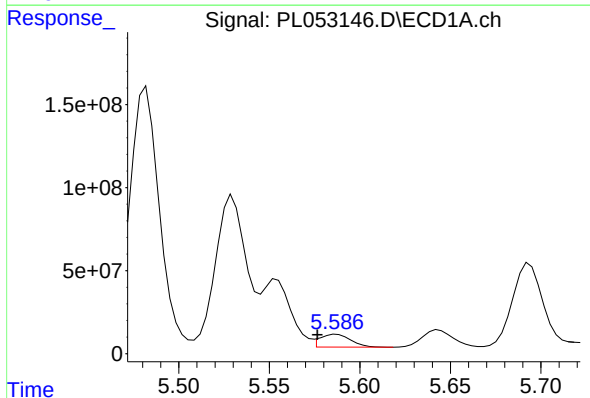
R.T.: 5.530 min
Delta R.T.: 0.012 min
Response: 1080743485
Conc: 932.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-4(0-5)



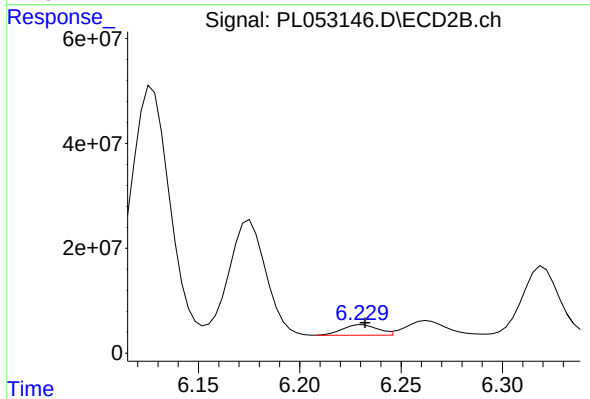
#25 Chlordane-3

R.T.: 6.175 min
Delta R.T.: 0.017 min
Response: 279568100
Conc: 641.93 ng/ml



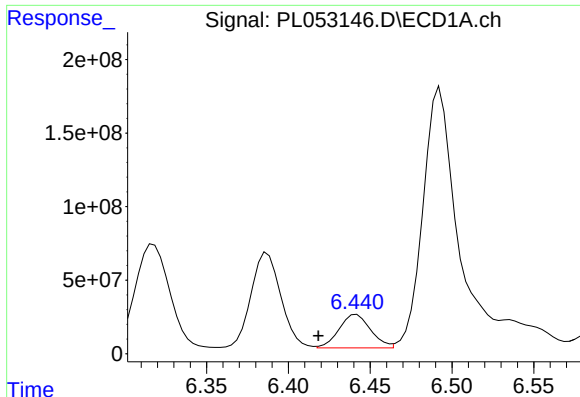
#26 Chlordane-4

R.T.: 5.587 min
Delta R.T.: 0.011 min
Response: 90028428
Conc: 94.33 ng/ml



#26 Chlordane-4

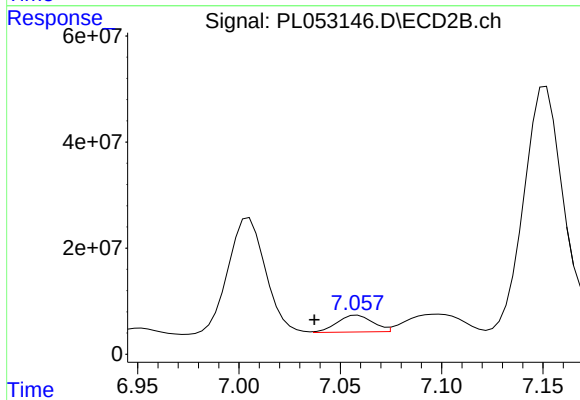
R.T.: 6.231 min
Delta R.T.: -0.001 min
Response: 24484924
Conc: 46.11 ng/ml



#27 Chlordane-5

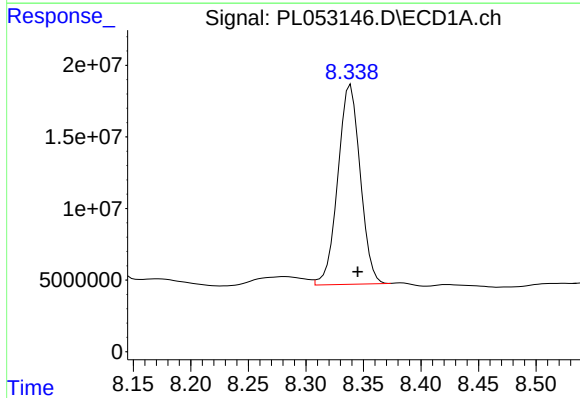
R.T.: 6.442 min
Delta R.T.: 0.023 min
Response: 304226406
Conc: 771.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-4(0-5)



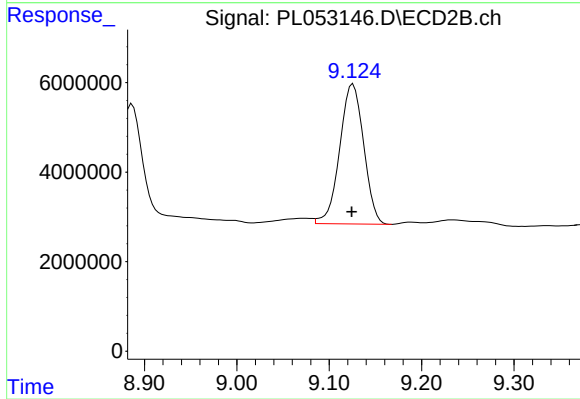
#27 Chlordane-5

R.T.: 7.059 min
Delta R.T.: 0.021 min
Response: 38770217
Conc: 439.53 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.339 min
Delta R.T.: -0.006 min
Response: 188576026
Conc: 18.83 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.126 min
Delta R.T.: 0.002 min
Response: 56417176
Conc: 19.23 ng/ml