

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032719\
 Data File : PL046594.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Mar 2019 03:50
 Operator : AJ\SJ
 Sample : K2086-08MS
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 CS-11MS

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 28 05:35:40 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032219.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 22 13:40:08 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...	3.358	3.977	125.4E6	41348304	17.236	18.059
28)	SA Decachlor...	8.033	9.026	163.4E6	48749419	19.426	21.027
Target Compounds							
2)	A alpha-BHC	3.788	4.366	590.2E6	164.6E6	50.607	51.220
3)	MA gamma-BHC...	4.065	4.649	542.3E6	157.1E6	50.474	52.501m
4)	MA Heptachlor	4.351	5.155	563.7E6	164.4E6	51.132	53.433m
5)	MB Aldrin	4.591	5.460	540.5E6	154.2E6	52.396	53.839
6)	B beta-BHC	4.317	4.823	221.7E6	70259507	49.243	52.998
7)	B delta-BHC	4.513	5.037	508.9E6	129.3E6	50.276	55.748m
8)	B Heptachlo...	5.028	5.845	508.1E6	142.9E6	52.097	54.194m
9)	A Endosulfan I	5.360	6.202	491.2E6	137.4E6	52.237	52.661
10)	B gamma-Chl...	5.251	6.080	521.9E6	152.3E6	50.802	53.671
11)	B alpha-Chl...	5.307	6.153	512.3E6	148.6E6	50.531	52.400
12)	B 4,4'-DDE	5.472	6.310	488.5E6	132.1E6	53.056m	53.228
13)	MA Dieldrin	5.600	6.457	527.6E6	143.5E6	52.572	52.940m
14)	MA Endrin	5.852	6.676	473.8E6	121.7E6	50.302	50.934
15)	B Endosulfa...	6.127	6.886	453.6E6	124.2E6	50.628	51.461
16)	A 4,4'-DDD	5.985	6.800	401.3E6	109.1E6	53.090	54.224
17)	MA 4,4'-DDT	6.220	7.096	381.7E6	107.5E6	50.397	51.281m
18)	B Endrin al...	6.293	7.009	375.9E6	106.4E6	50.151	50.080
19)	B Endosulfa...	6.504	7.233	443.9E6	122.9E6	54.063	52.102
20)	A Methoxychlor	6.764	7.556	207.5E6	63447089	48.831	49.771
21)	B Endrin ke...	6.987	7.702	479.9E6	132.0E6	51.897	53.133
22)	Mirex	7.163	8.154	347.4E6	102.8E6	47.682	51.401

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032719\
Data File : PL046594.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Mar 2019 03:50
Operator : AJ\SJ
Sample : K2086-08MS
Misc :
ALS Vial : 58 Sample Multiplier: 1

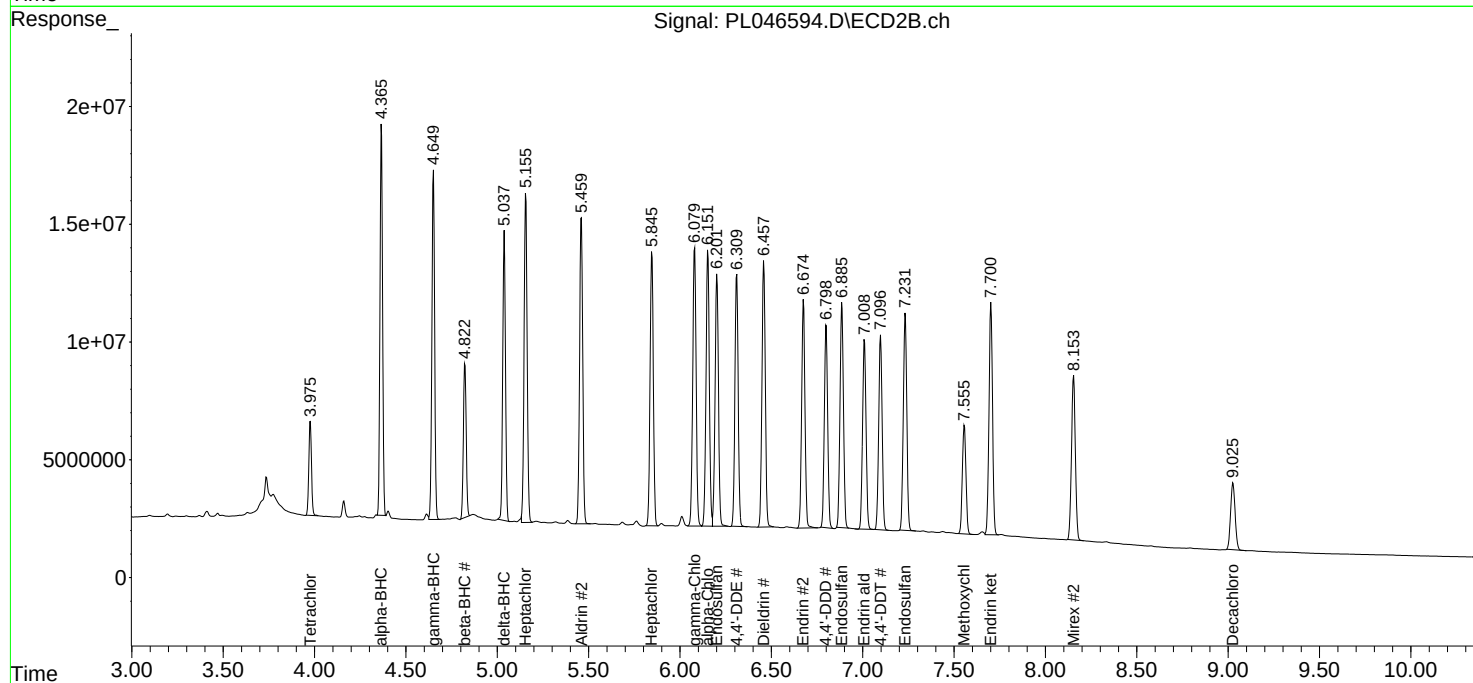
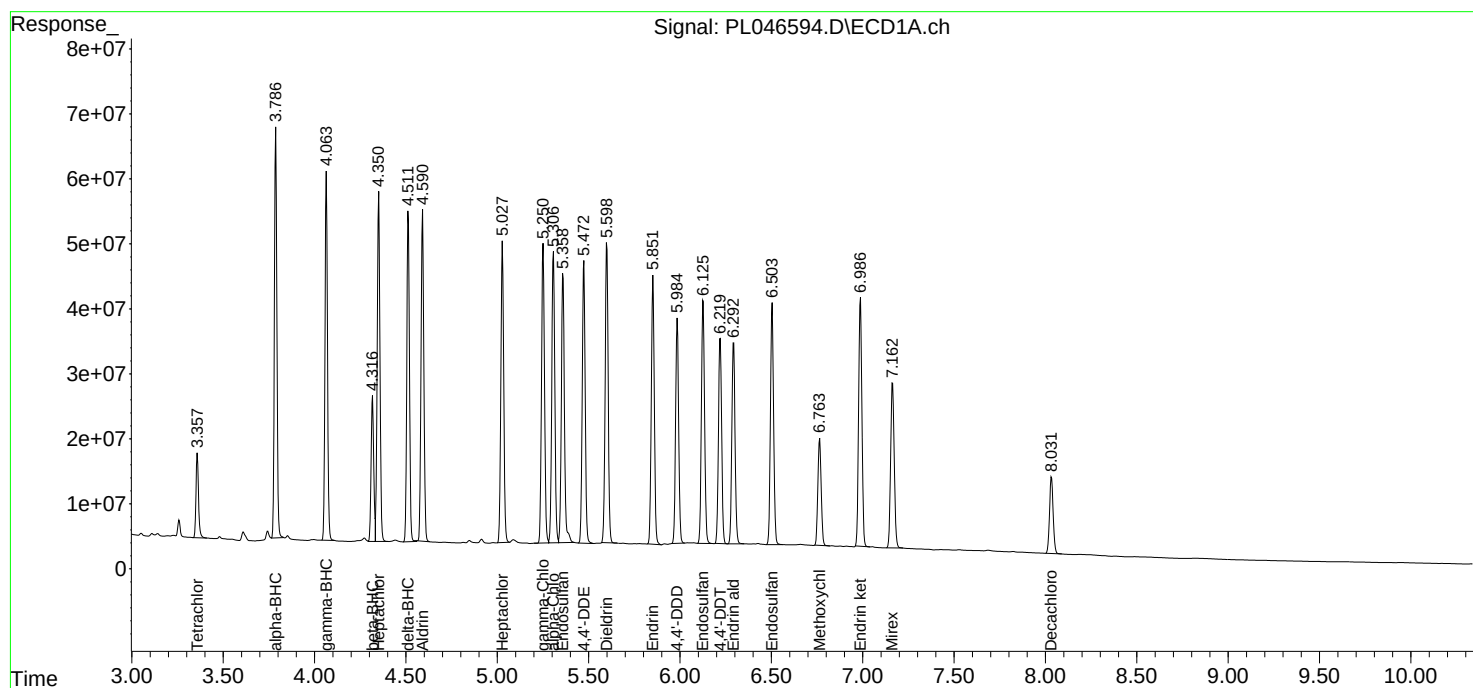
Instrument :
ECD_L
ClientSampleId :
CS-11MS

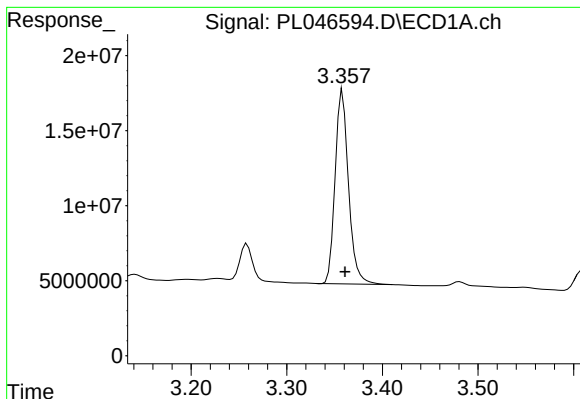
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 28 05:35:40 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032219.M
Quant Title : GC Extractables
QLast Update : Fri Mar 22 13:40:08 2019
Response 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





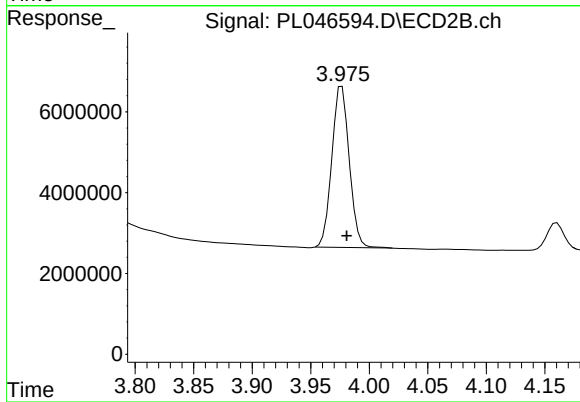
#1 Tetrachloro-m-xylene

R.T.: 3.358 min
Delta R.T.: -0.003 min
Response: 125382862
Conc: 17.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
CS-11MS

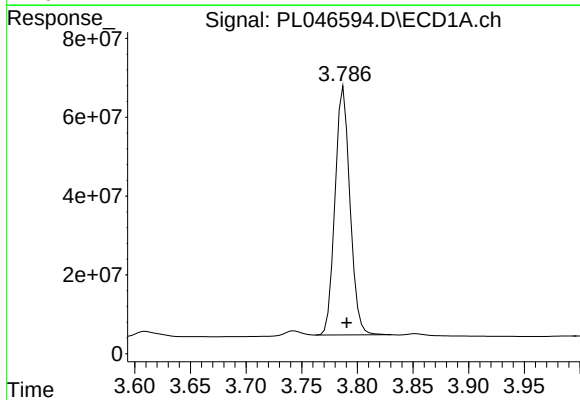
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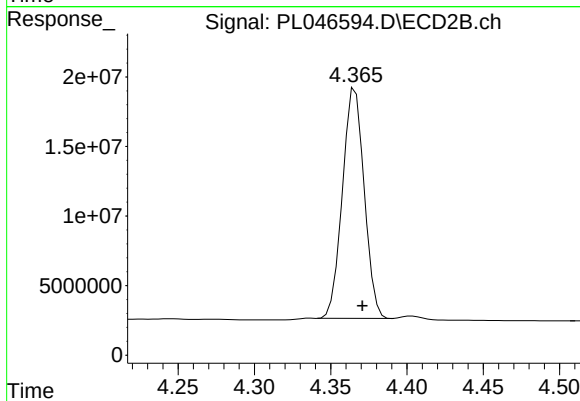
#1 Tetrachloro-m-xylene

R.T.: 3.977 min
Delta R.T.: -0.004 min
Response: 41348304
Conc: 18.06 ng/ml



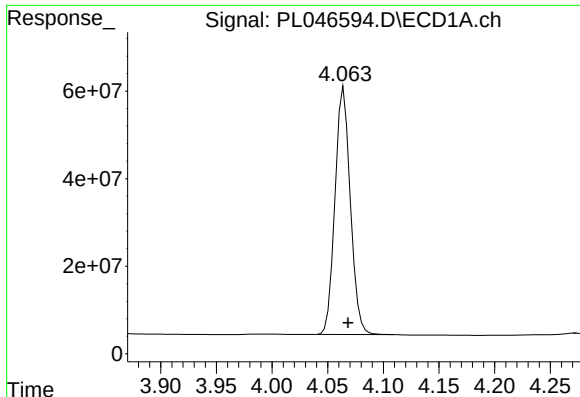
#2 alpha-BHC

R.T.: 3.788 min
Delta R.T.: -0.003 min
Response: 590184235
Conc: 50.61 ng/ml



#2 alpha-BHC

R.T.: 4.366 min
Delta R.T.: -0.005 min
Response: 164584235
Conc: 51.22 ng/ml



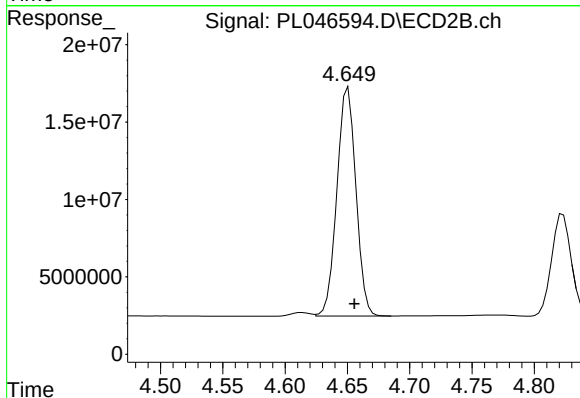
#3 gamma-BHC (Lindane)

R.T.: 4.065 min
Delta R.T.: -0.004 min
Response: 542318101
Conc: 50.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
CS-11MS

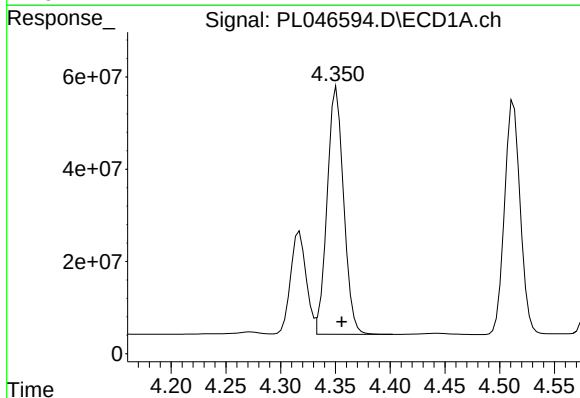
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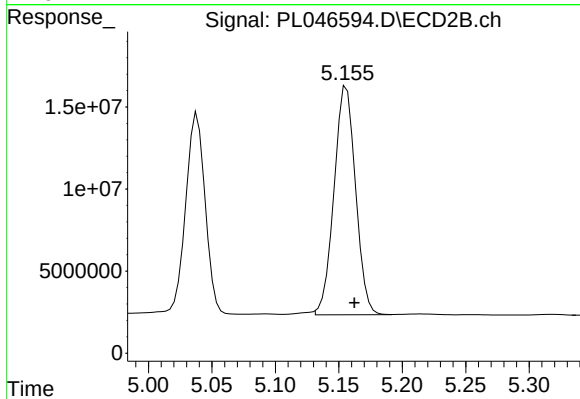
#3 gamma-BHC (Lindane)

R.T.: 4.649 min
Delta R.T.: -0.006 min
Response: 157135815
Conc: 52.50 ng/ml m



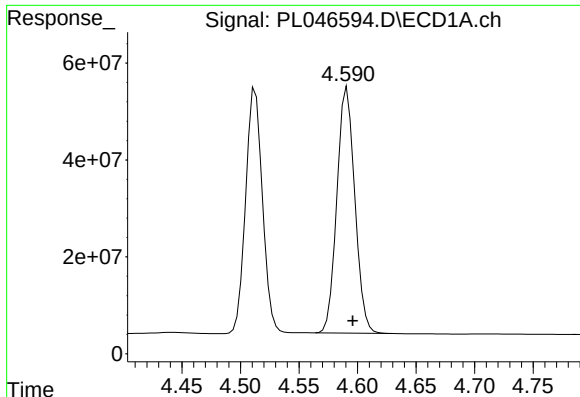
#4 Heptachlor

R.T.: 4.351 min
Delta R.T.: -0.005 min
Response: 563740660
Conc: 51.13 ng/ml



#4 Heptachlor

R.T.: 5.155 min
Delta R.T.: -0.008 min
Response: 164355165
Conc: 53.43 ng/ml m



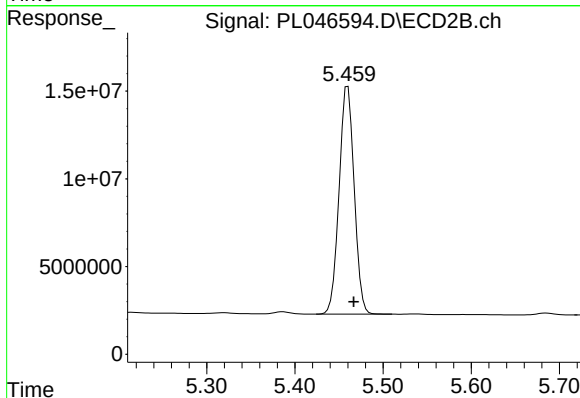
#5 Aldrin

R.T.: 4.591 min
Delta R.T.: -0.005 min
Response: 540463697
Conc: 52.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
CS-11MS

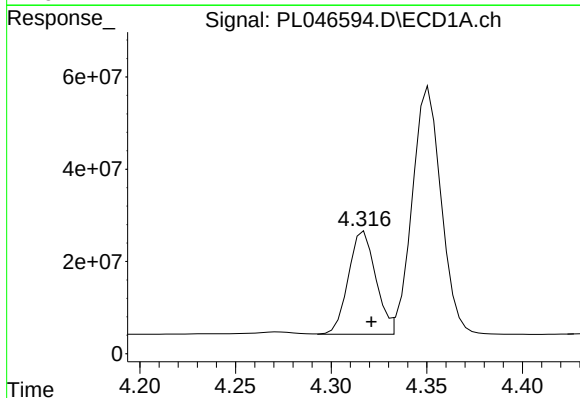
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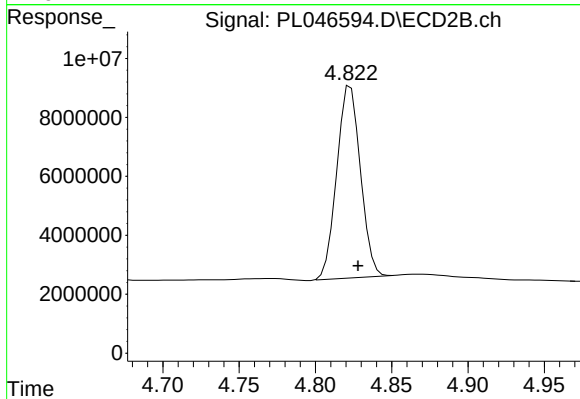
#5 Aldrin

R.T.: 5.460 min
Delta R.T.: -0.007 min
Response: 154247870
Conc: 53.84 ng/ml



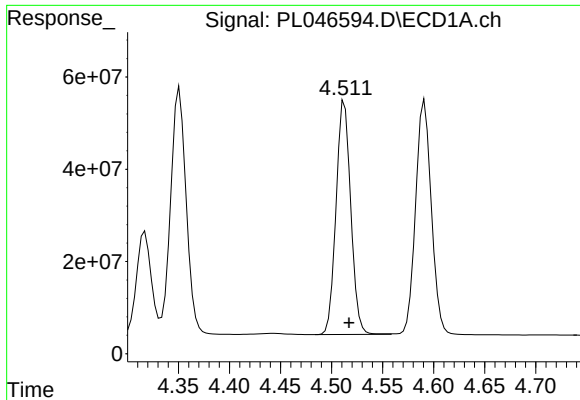
#6 beta-BHC

R.T.: 4.317 min
Delta R.T.: -0.004 min
Response: 221710867
Conc: 49.24 ng/ml



#6 beta-BHC

R.T.: 4.823 min
Delta R.T.: -0.005 min
Response: 70259507
Conc: 53.00 ng/ml



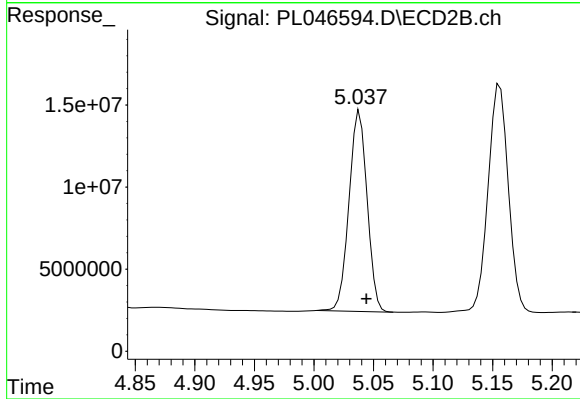
#7 delta-BHC

R.T.: 4.513 min
Delta R.T.: -0.004 min
Response: 508948045
Conc: 50.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
CS-11MS

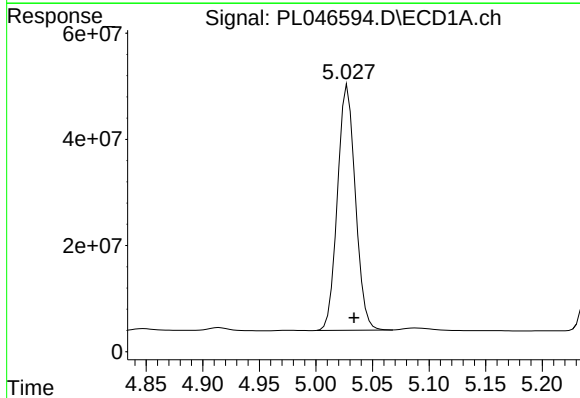
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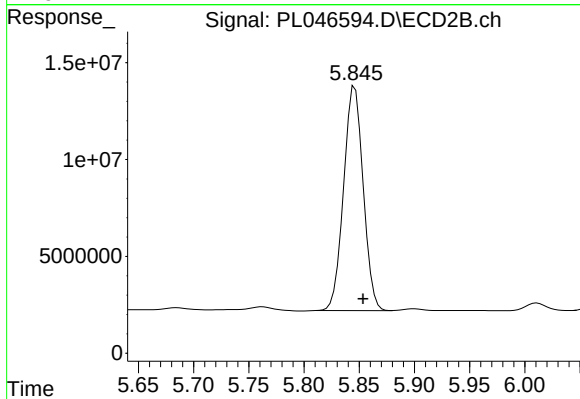
#7 delta-BHC

R.T.: 5.037 min
Delta R.T.: -0.007 min
Response: 129346252
Conc: 55.75 ng/ml m



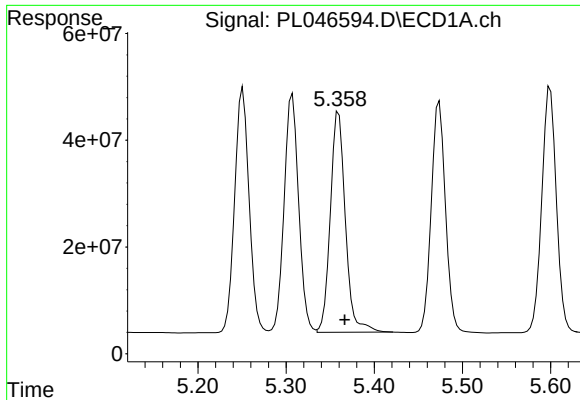
#8 Heptachlor epoxide

R.T.: 5.028 min
Delta R.T.: -0.006 min
Response: 508131556
Conc: 52.10 ng/ml



#8 Heptachlor epoxide

R.T.: 5.845 min
Delta R.T.: -0.009 min
Response: 142919900
Conc: 54.19 ng/ml m



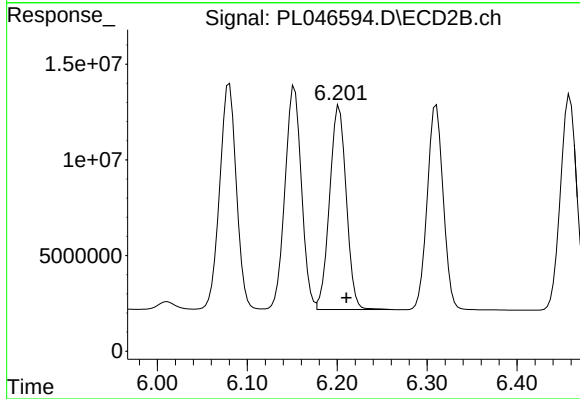
#9 Endosulfan I

R.T.: 5.360 min
Delta R.T.: -0.007 min
Response: 491152094
Conc: 52.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
CS-11MS

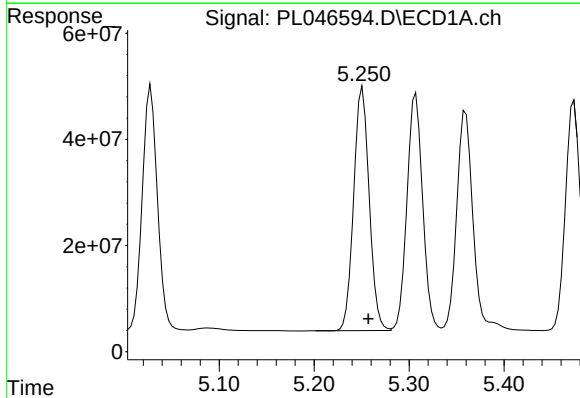
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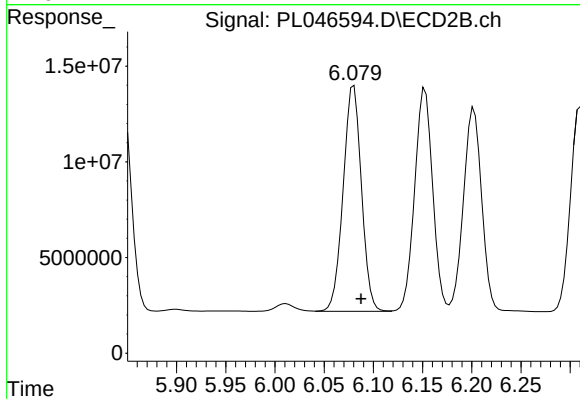
#9 Endosulfan I

R.T.: 6.202 min
Delta R.T.: -0.008 min
Response: 137437501
Conc: 52.66 ng/ml



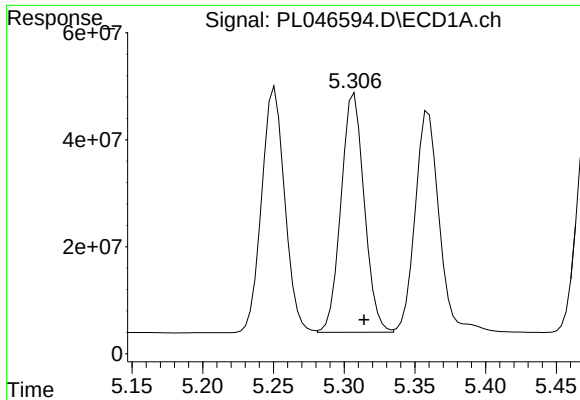
#10 gamma-Chlordane

R.T.: 5.251 min
Delta R.T.: -0.006 min
Response: 521864669
Conc: 50.80 ng/ml



#10 gamma-Chlordane

R.T.: 6.080 min
Delta R.T.: -0.007 min
Response: 152322904
Conc: 53.67 ng/ml



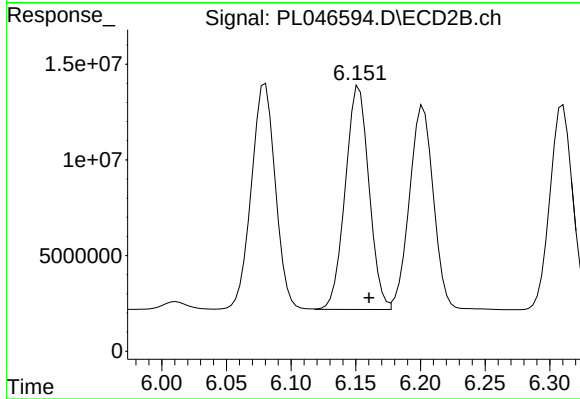
#11 alpha-Chlordane

R.T.: 5.307 min
Delta R.T.: -0.007 min
Response: 512333909
Conc: 50.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
CS-11MS

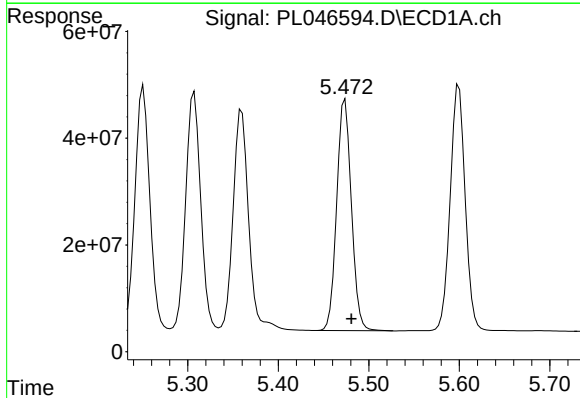
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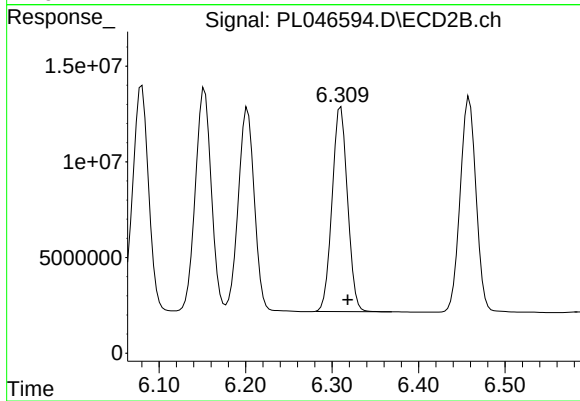
#11 alpha-Chlordane

R.T.: 6.153 min
Delta R.T.: -0.008 min
Response: 148640603
Conc: 52.40 ng/ml



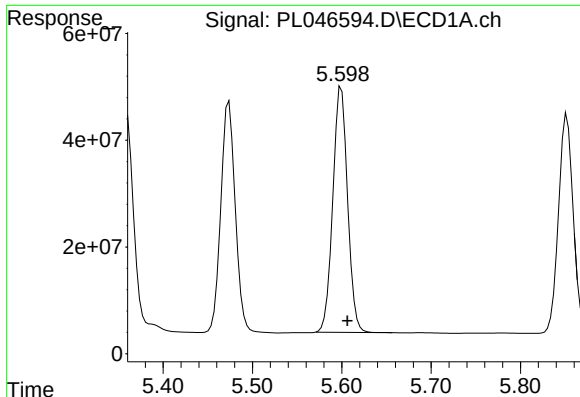
#12 4,4'-DDE

R.T.: 5.472 min
Delta R.T.: -0.008 min
Response: 488485464
Conc: 53.06 ng/ml m



#12 4,4'-DDE

R.T.: 6.310 min
Delta R.T.: -0.008 min
Response: 132130474
Conc: 53.23 ng/ml



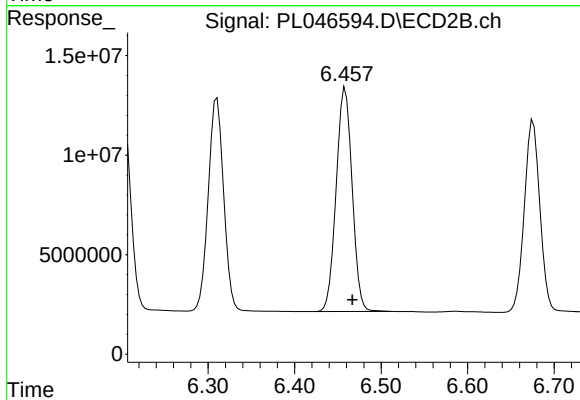
#13 Dieldrin

R.T.: 5.600 min
Delta R.T.: -0.007 min
Response: 527592302
Conc: 52.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
CS-11MS

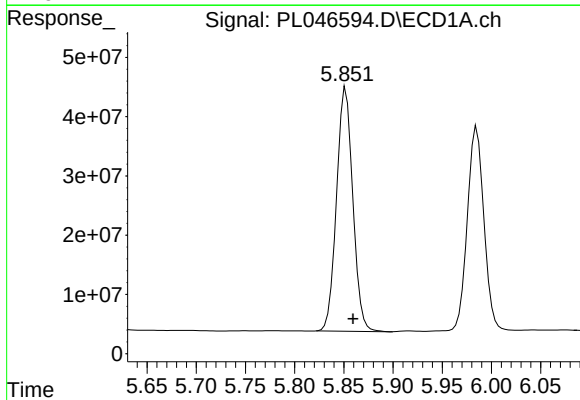
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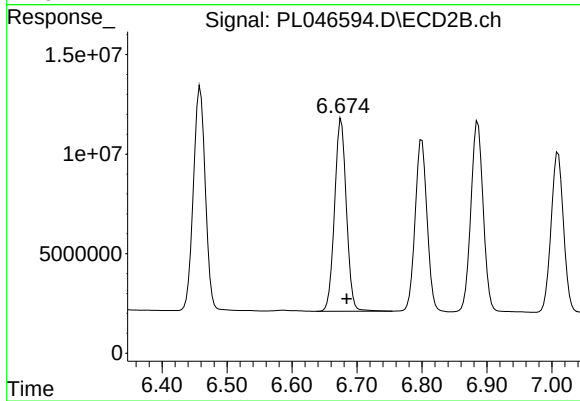
#13 Dieldrin

R.T.: 6.457 min
Delta R.T.: -0.010 min
Response: 143503506
Conc: 52.94 ng/ml m



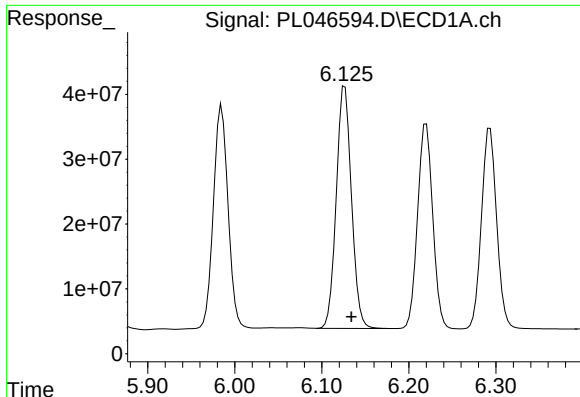
#14 Endrin

R.T.: 5.852 min
Delta R.T.: -0.007 min
Response: 473803868
Conc: 50.30 ng/ml



#14 Endrin

R.T.: 6.676 min
Delta R.T.: -0.009 min
Response: 121720140
Conc: 50.93 ng/ml



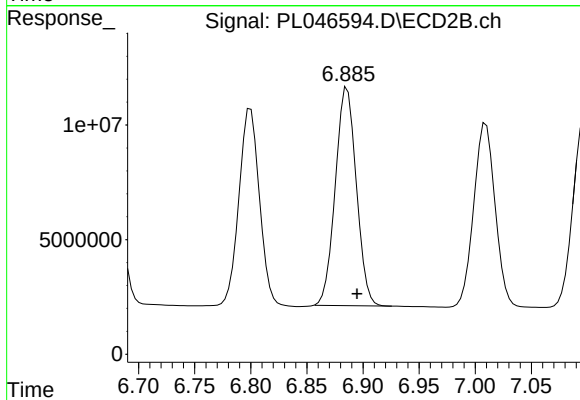
#15 Endosulfan II

R.T.: 6.127 min
Delta R.T.: -0.008 min
Response: 453611365
Conc: 50.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
CS-11MS

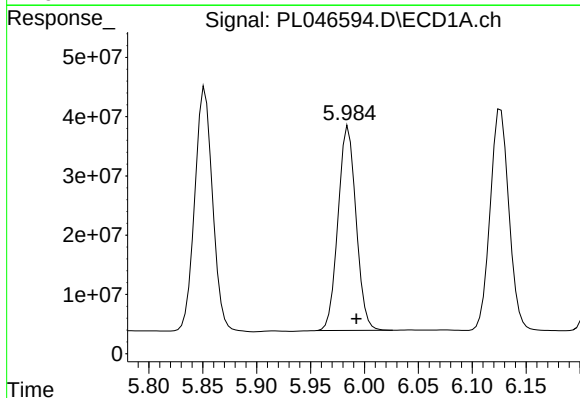
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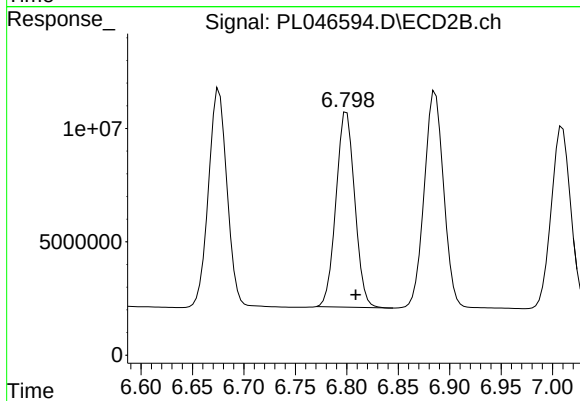
#15 Endosulfan II

R.T.: 6.886 min
Delta R.T.: -0.009 min
Response: 124169535
Conc: 51.46 ng/ml



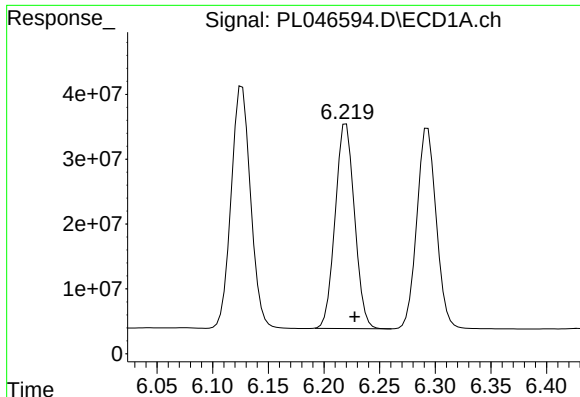
#16 4,4'-DDD

R.T.: 5.985 min
Delta R.T.: -0.007 min
Response: 401308093
Conc: 53.09 ng/ml



#16 4,4'-DDD

R.T.: 6.800 min
Delta R.T.: -0.009 min
Response: 109101487
Conc: 54.22 ng/ml



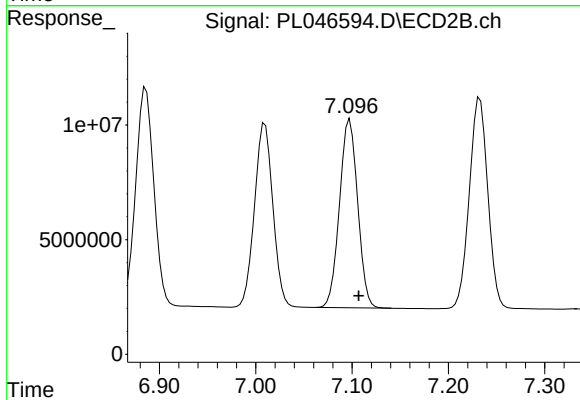
#17 4,4'-DDT

R.T.: 6.220 min
Delta R.T.: -0.008 min
Response: 381726388
Conc: 50.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
CS-11MS

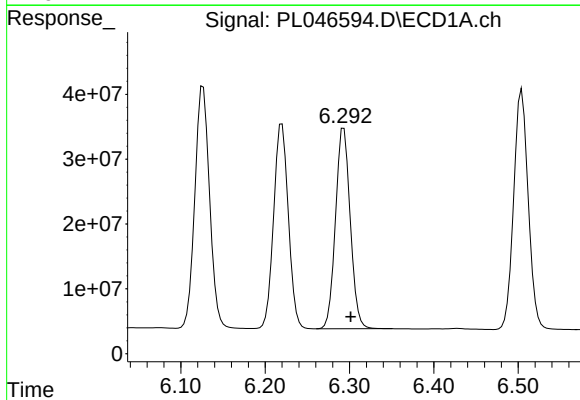
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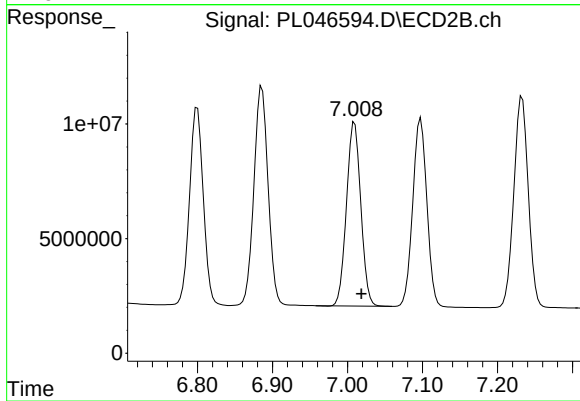
#17 4,4'-DDT

R.T.: 7.096 min
Delta R.T.: -0.011 min
Response: 107534594
Conc: 51.28 ng/ml m



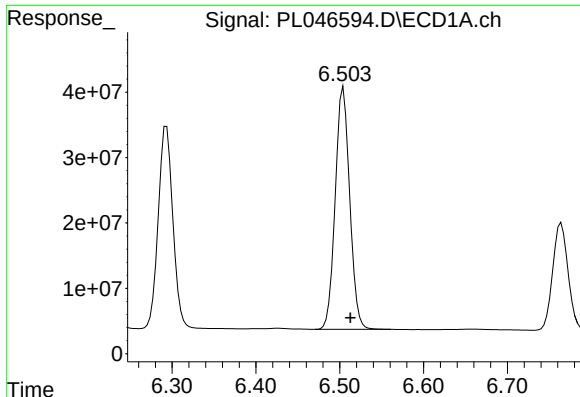
#18 Endrin aldehyde

R.T.: 6.293 min
Delta R.T.: -0.008 min
Response: 375891335
Conc: 50.15 ng/ml



#18 Endrin aldehyde

R.T.: 7.009 min
Delta R.T.: -0.009 min
Response: 106370237
Conc: 50.08 ng/ml



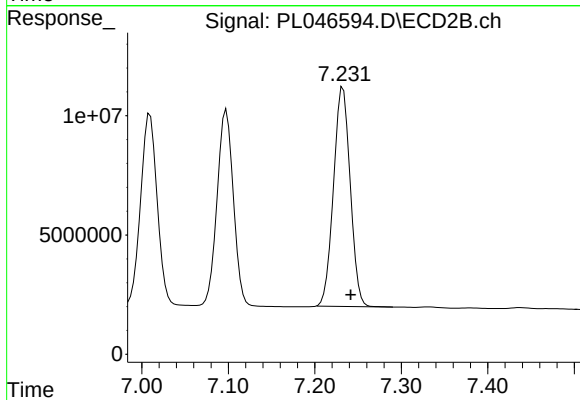
#19 Endosulfan Sulfate

R.T.: 6.504 min
Delta R.T.: -0.008 min
Response: 443922172
Conc: 54.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
CS-11MS

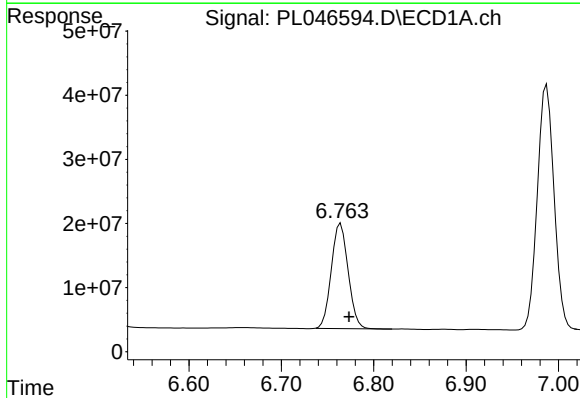
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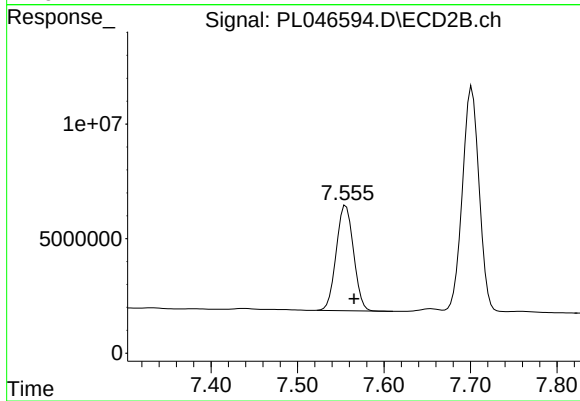
#19 Endosulfan Sulfate

R.T.: 7.233 min
Delta R.T.: -0.009 min
Response: 122908840
Conc: 52.10 ng/ml



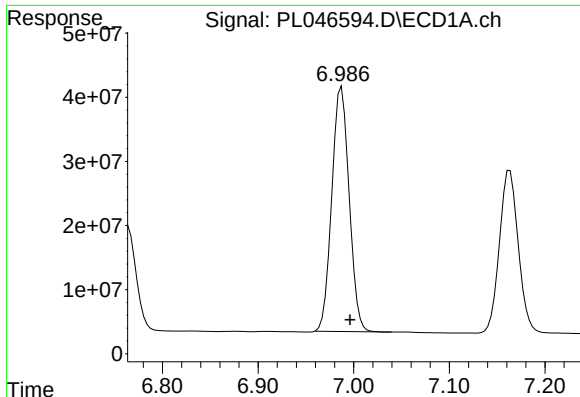
#20 Methoxychlor

R.T.: 6.764 min
Delta R.T.: -0.009 min
Response: 207524992
Conc: 48.83 ng/ml



#20 Methoxychlor

R.T.: 7.556 min
Delta R.T.: -0.009 min
Response: 63447089
Conc: 49.77 ng/ml



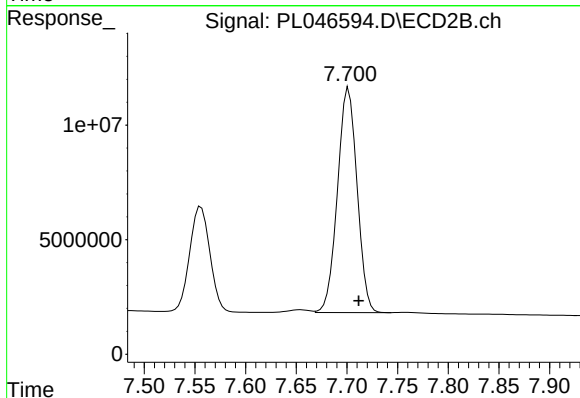
#21 Endrin ketone

R.T.: 6.987 min
Delta R.T.: -0.009 min
Response: 479878555
Conc: 51.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
CS-11MS

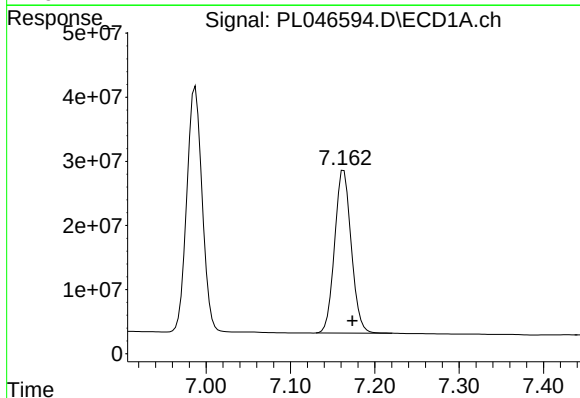
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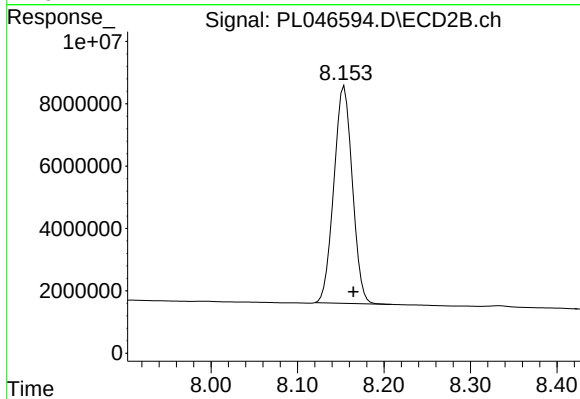
#21 Endrin ketone

R.T.: 7.702 min
Delta R.T.: -0.010 min
Response: 132011086
Conc: 53.13 ng/ml



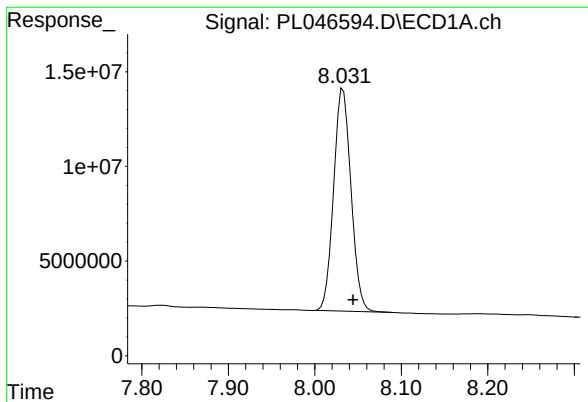
#22 Mirex

R.T.: 7.163 min
Delta R.T.: -0.010 min
Response: 347390371
Conc: 47.68 ng/ml



#22 Mirex

R.T.: 8.154 min
Delta R.T.: -0.011 min
Response: 102810035
Conc: 51.40 ng/ml



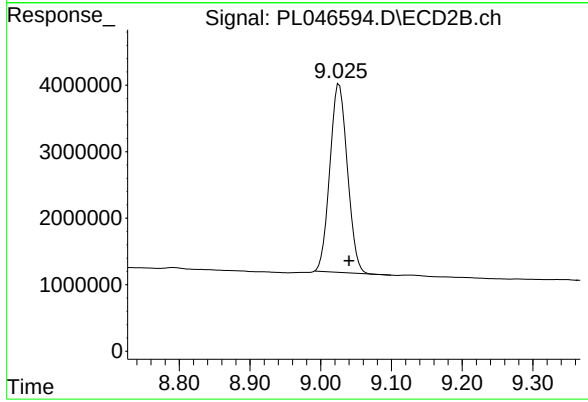
#28 Decachlorobiphenyl

R.T.: 8.033 min
Delta R.T.: -0.011 min
Response: 163395476
Conc: 19.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
CS-11MS

Manual Integrations
APPROVED

mohammad
3/28/2019 12:48:46 PM



#28 Decachlorobiphenyl

R.T.: 9.026 min
Delta R.T.: -0.014 min
Response: 48749419
Conc: 21.03 ng/ml