

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071221\
 Data File : PL068062.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Jul 2021 23:00
 Operator : AR\AJ
 Sample : M2990-01MSD
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TP-DMSD

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 13 05:29:26 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071221.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 12 14:08:44 2021
 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...	4.673	5.582	12912673	25840083	23.330	25.268
28)	SA Decachlor...	10.470	11.505	11031091	16821299	19.877	21.586
Target Compounds							
2)	A alpha-BHC	5.380	6.162	38097197	73921199	52.214	55.849
3)	MA gamma-BHC...	5.803	6.558	37363982	69104735	52.114	55.465
4)	MA Heptachlor	6.217	7.207	37738829	68132469	51.548	55.678
5)	MB Aldrin	6.543	7.577	35367764	60810397	51.496	54.937m
6)	B beta-BHC	6.181	6.809	18140110	34406261	50.507	51.804
7)	B delta-BHC	6.444	7.077	30564553	55433722	43.873	46.610
8)	B Heptachlo...	7.120	8.044	33365342	56677811	51.687	54.987
9)	A Endosulfan I	7.525	8.450	31242588	51155359	51.847	54.860
10)	B gamma-Chl...	7.399	8.313	35088340	56490669	53.270	55.134
11)	B alpha-Chl...	7.469	8.395	34410867	56448648	52.032	55.541
12)	B 4,4'-DDE	7.683	8.580	32078032	51401922	53.481	55.935
13)	MA Dieldrin	7.812	8.739	33242313	53219424	52.739	55.827
14)	MA Endrin	8.103	8.979	30328427	44529171	54.451	56.537
15)	B Endosulfa...	8.414	9.211	28632261	45156602	54.514	57.071
16)	A 4,4'-DDD	8.270	9.120	25987535	43267913	51.471	55.584
17)	MA 4,4'-DDT	8.533	9.437	27981340	42684271	51.842	51.370
18)	B Endrin al...	8.604	9.346	24111200	38110409	57.846	59.716
19)	B Endosulfa...	8.836	9.584	27721727	43865973	50.638	54.591
20)	A Methoxychlor	9.133	9.922	16240124	23601562	51.947	53.965
21)	B Endrin ke...	9.357	10.082	32308624	46650276	53.354	53.771
22)	Mirex	9.548	10.550	24484089	35518218	49.172	52.680

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071221\
Data File : PL068062.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Jul 2021 23:00
Operator : AR\AJ
Sample : M2990-01MSD
Misc :
ALS Vial : 28 Sample Multiplier: 1

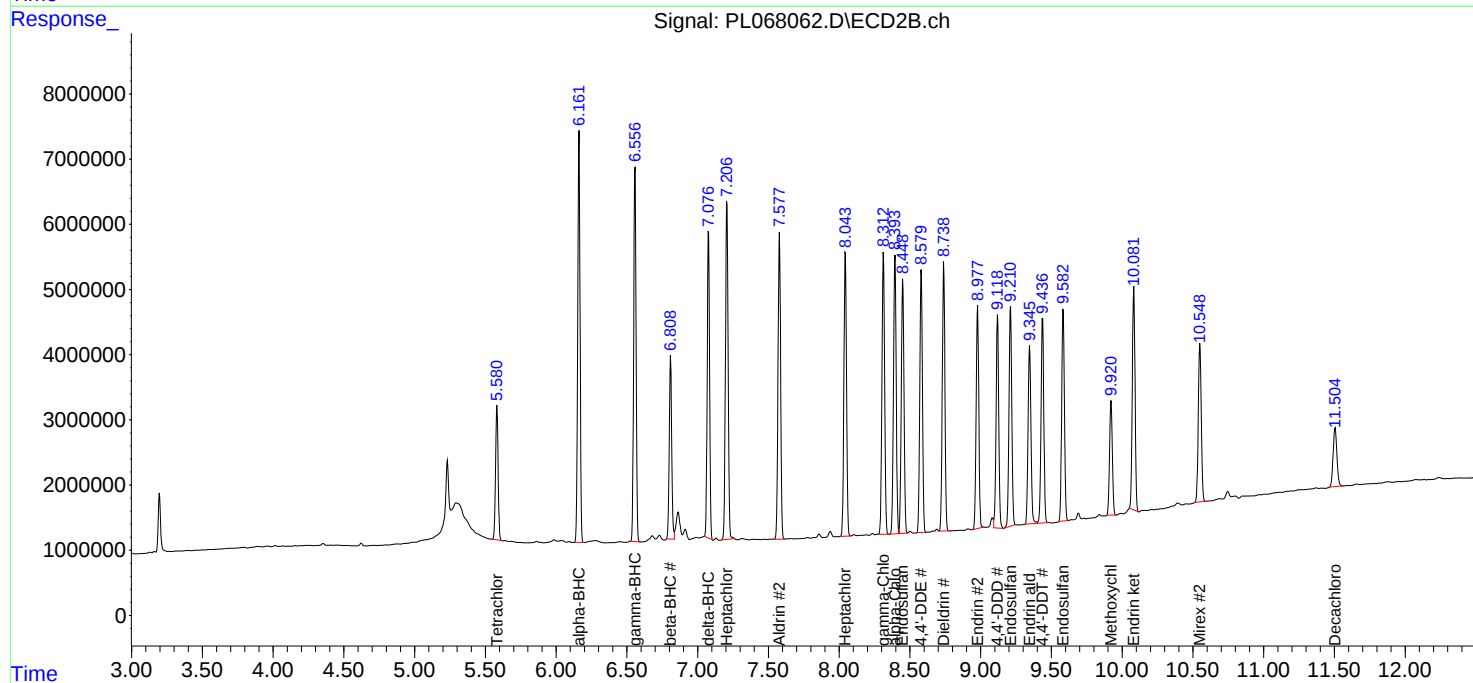
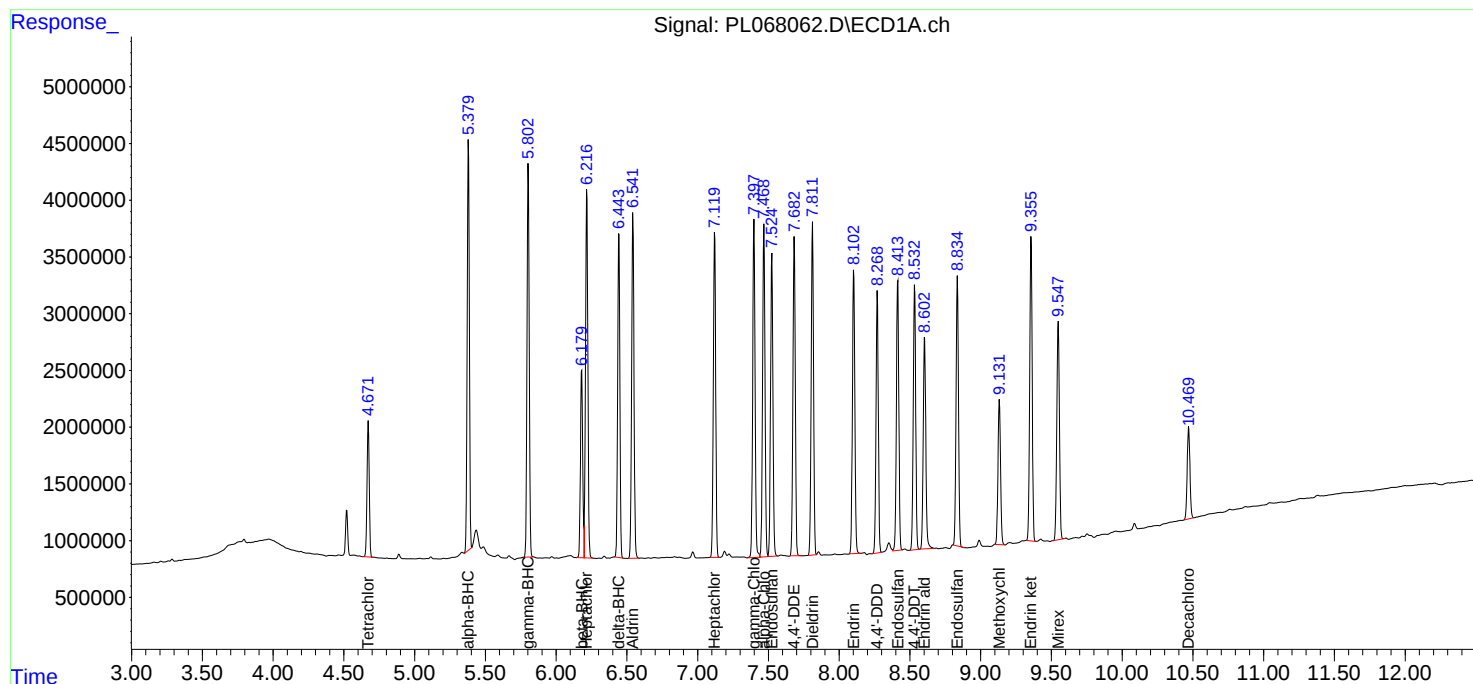
Instrument :
ECD_L
ClientSampled :
TP-DMSD

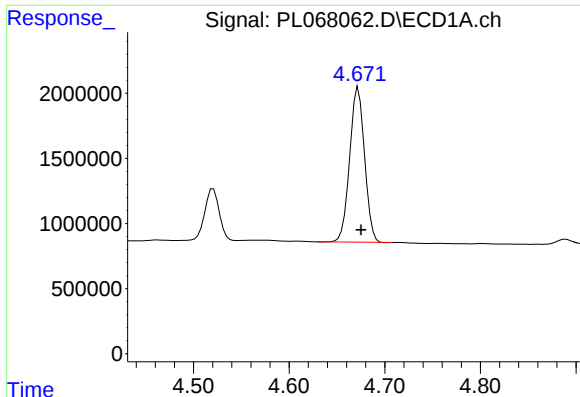
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 13 05:29:26 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071221.M
Quant Title : GC Extractables
QLast Update : Mon Jul 12 14:08:44 2021
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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





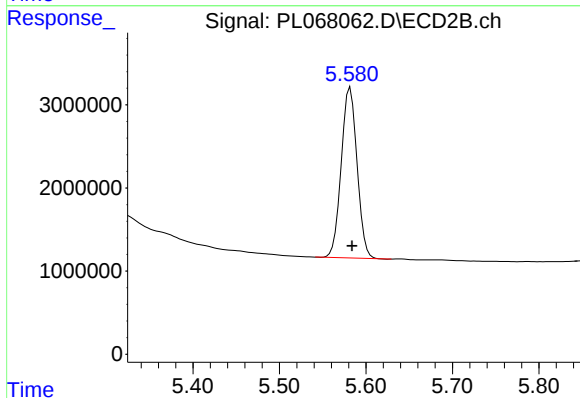
#1 Tetrachloro-m-xylene

R.T.: 4.673 min
Delta R.T.: -0.002 min
Response: 12912673
Conc: 23.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-DMSD

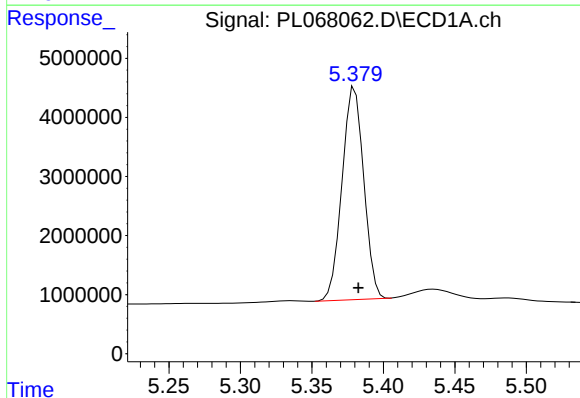
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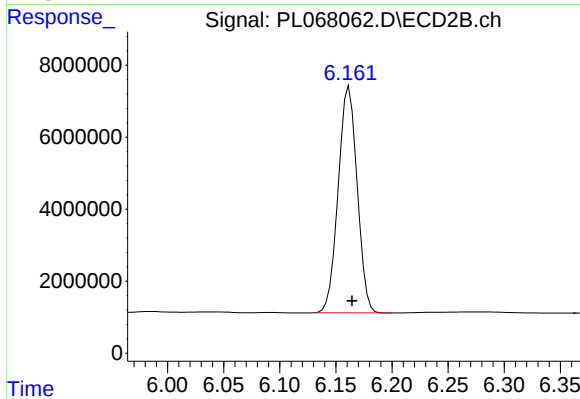
#1 Tetrachloro-m-xylene

R.T.: 5.582 min
Delta R.T.: -0.002 min
Response: 25840083
Conc: 25.27 ng/ml



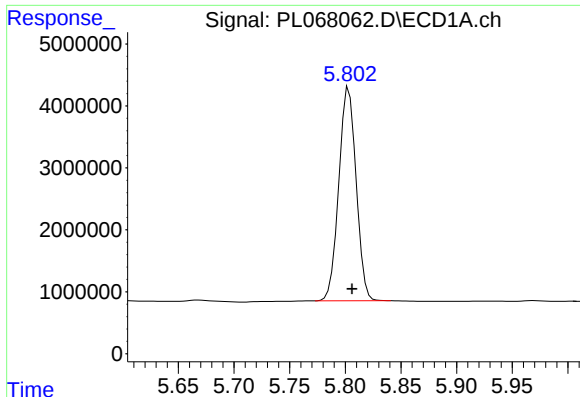
#2 alpha-BHC

R.T.: 5.380 min
Delta R.T.: -0.002 min
Response: 38097197
Conc: 52.21 ng/ml



#2 alpha-BHC

R.T.: 6.162 min
Delta R.T.: -0.002 min
Response: 73921199
Conc: 55.85 ng/ml



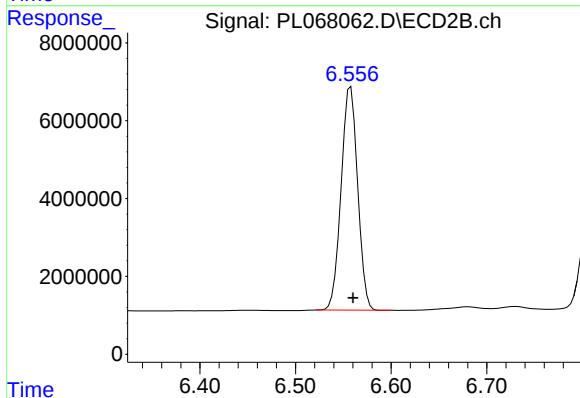
#3 gamma-BHC (Lindane)

R.T.: 5.803 min
Delta R.T.: -0.003 min
Response: 37363982
Conc: 52.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-DMSD

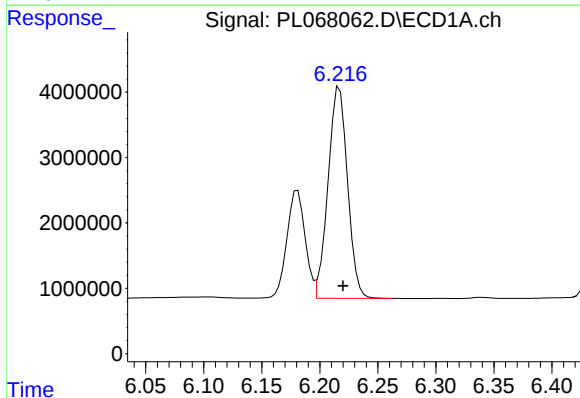
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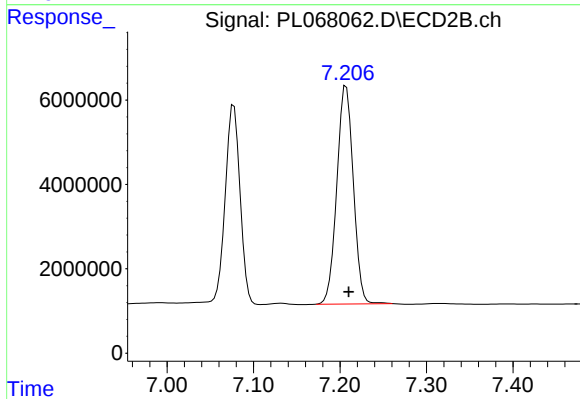
#3 gamma-BHC (Lindane)

R.T.: 6.558 min
Delta R.T.: -0.002 min
Response: 69104735
Conc: 55.47 ng/ml



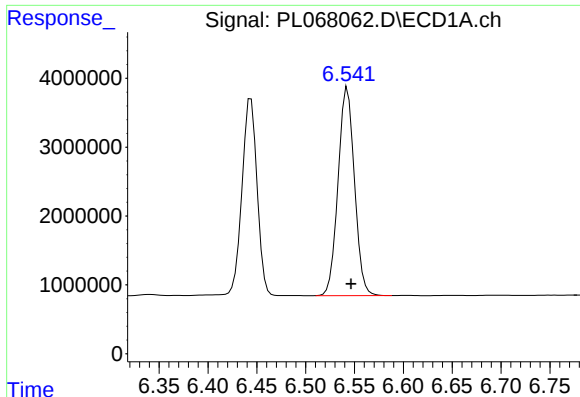
#4 Heptachlor

R.T.: 6.217 min
Delta R.T.: -0.003 min
Response: 37738829
Conc: 51.55 ng/ml



#4 Heptachlor

R.T.: 7.207 min
Delta R.T.: -0.003 min
Response: 68132469
Conc: 55.68 ng/ml



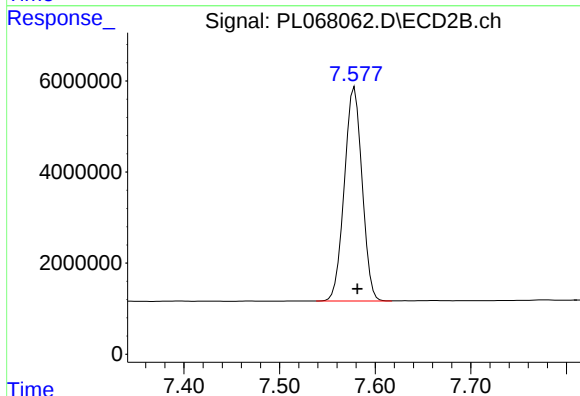
#5 Aldrin

R.T.: 6.543 min
Delta R.T.: -0.004 min
Response: 35367764
Conc: 51.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-DMSD

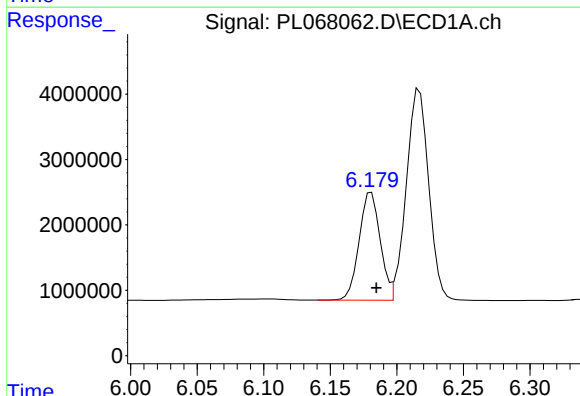
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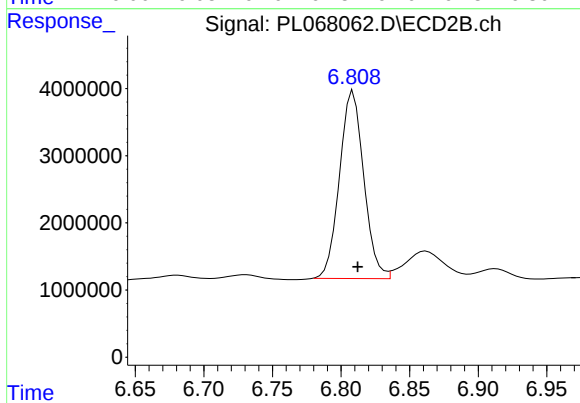
#5 Aldrin

R.T.: 7.577 min
Delta R.T.: -0.004 min
Response: 60810397
Conc: 54.94 ng/ml m



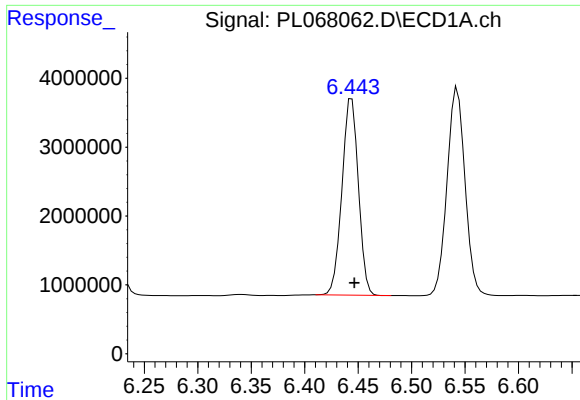
#6 beta-BHC

R.T.: 6.181 min
Delta R.T.: -0.004 min
Response: 18140110
Conc: 50.51 ng/ml



#6 beta-BHC

R.T.: 6.809 min
Delta R.T.: -0.003 min
Response: 34406261
Conc: 51.80 ng/ml



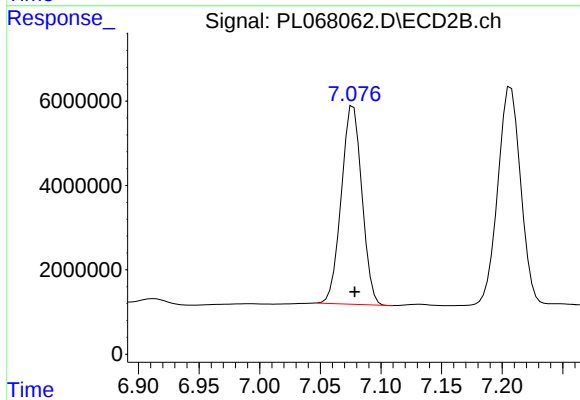
#7 delta-BHC

R.T.: 6.444 min
Delta R.T.: -0.003 min
Response: 30564553
Conc: 43.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-DMSD

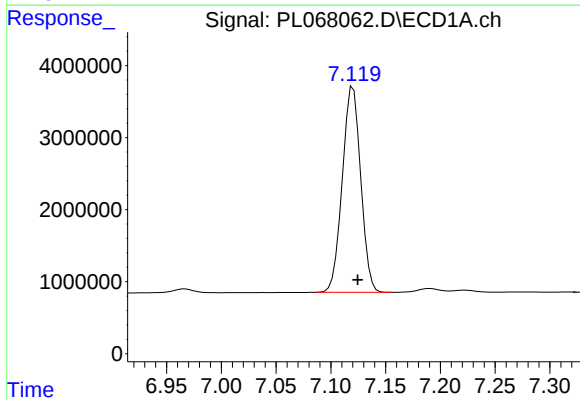
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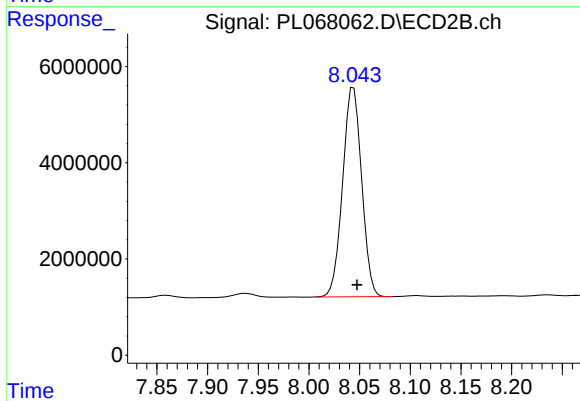
#7 delta-BHC

R.T.: 7.077 min
Delta R.T.: -0.001 min
Response: 55433722
Conc: 46.61 ng/ml



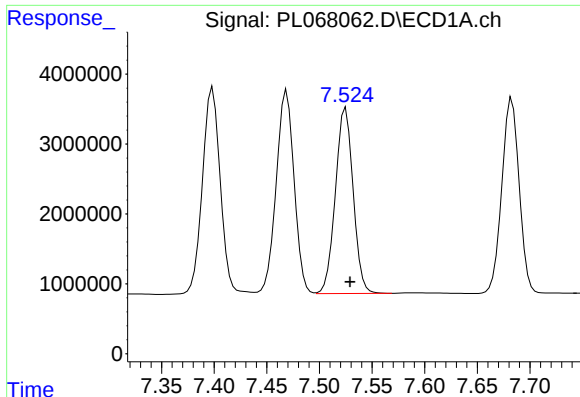
#8 Heptachlor epoxide

R.T.: 7.120 min
Delta R.T.: -0.004 min
Response: 33365342
Conc: 51.69 ng/ml



#8 Heptachlor epoxide

R.T.: 8.044 min
Delta R.T.: -0.004 min
Response: 56677811
Conc: 54.99 ng/ml



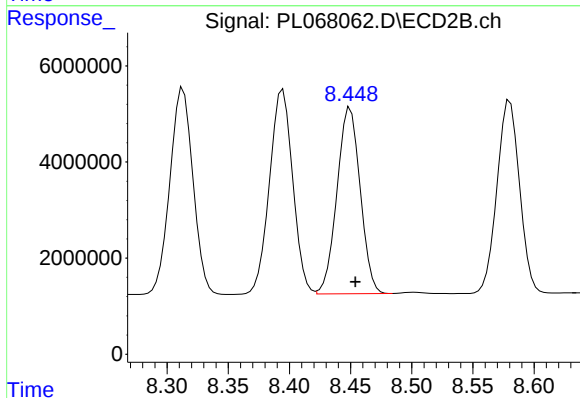
#9 Endosulfan I

R.T.: 7.525 min
Delta R.T.: -0.004 min
Response: 31242588
Conc: 51.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-DMSD

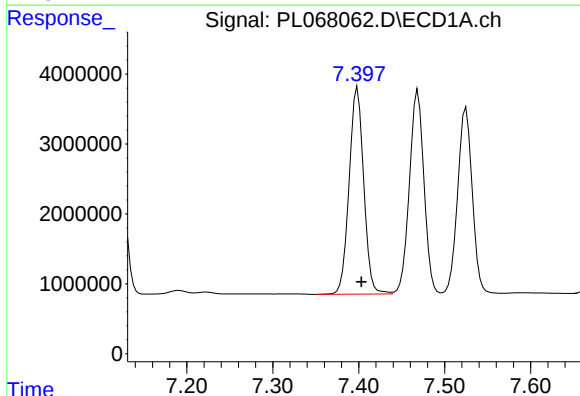
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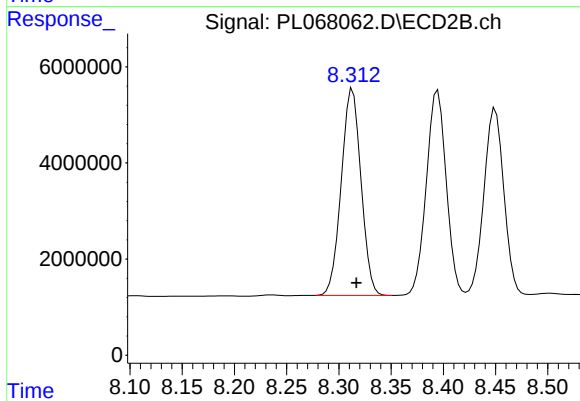
#9 Endosulfan I

R.T.: 8.450 min
Delta R.T.: -0.004 min
Response: 51155359
Conc: 54.86 ng/ml



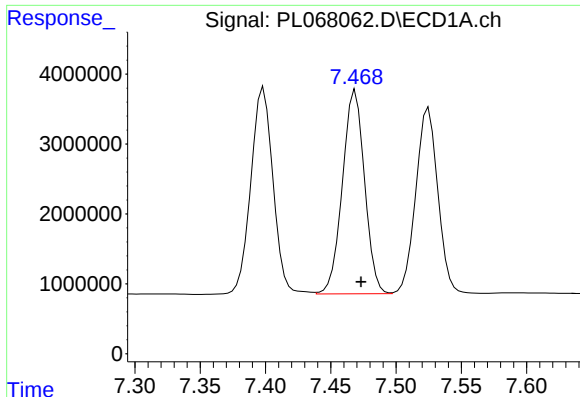
#10 gamma-Chlordane

R.T.: 7.399 min
Delta R.T.: -0.004 min
Response: 35088340
Conc: 53.27 ng/ml



#10 gamma-Chlordane

R.T.: 8.313 min
Delta R.T.: -0.004 min
Response: 56490669
Conc: 55.13 ng/ml



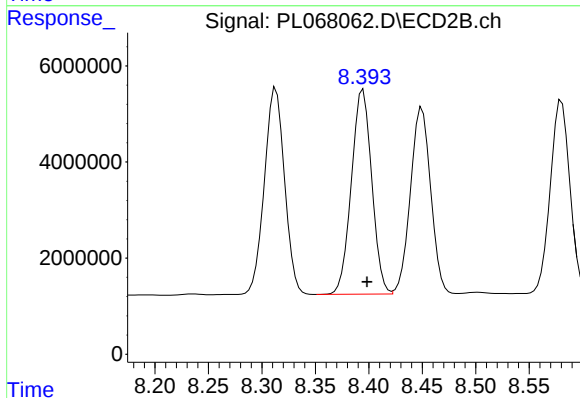
#11 alpha-Chlordane

R.T.: 7.469 min
Delta R.T.: -0.004 min
Response: 34410867
Conc: 52.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-DMSD

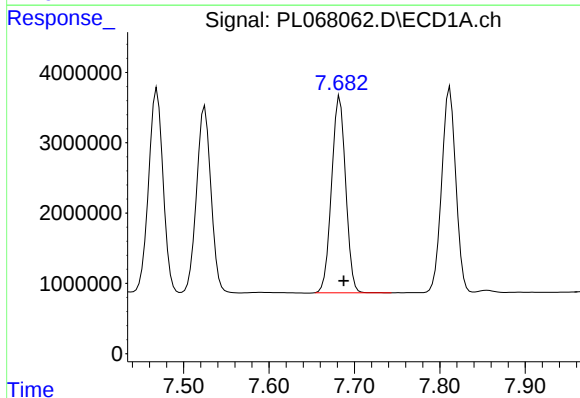
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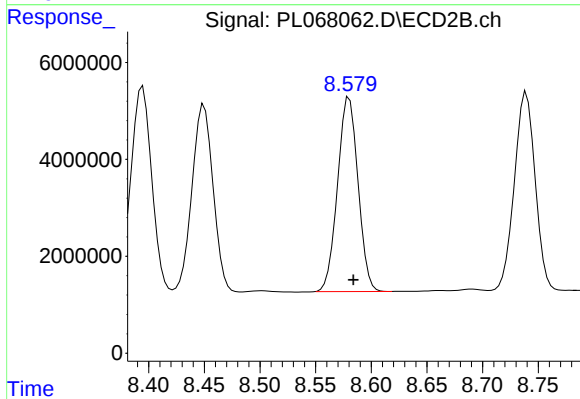
#11 alpha-Chlordane

R.T.: 8.395 min
Delta R.T.: -0.004 min
Response: 56448648
Conc: 55.54 ng/ml



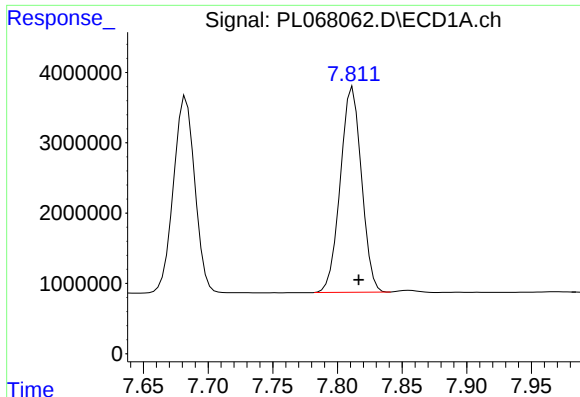
#12 4,4'-DDE

R.T.: 7.683 min
Delta R.T.: -0.004 min
Response: 32078032
Conc: 53.48 ng/ml



#12 4,4'-DDE

R.T.: 8.580 min
Delta R.T.: -0.004 min
Response: 51401922
Conc: 55.94 ng/ml



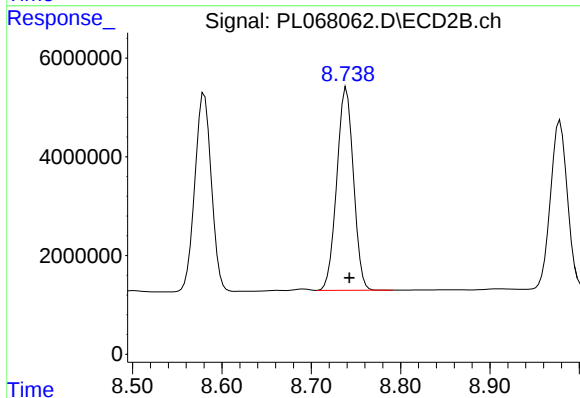
#13 Dieldrin

R.T.: 7.812 min
Delta R.T.: -0.004 min
Response: 33242313
Conc: 52.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-DMSD

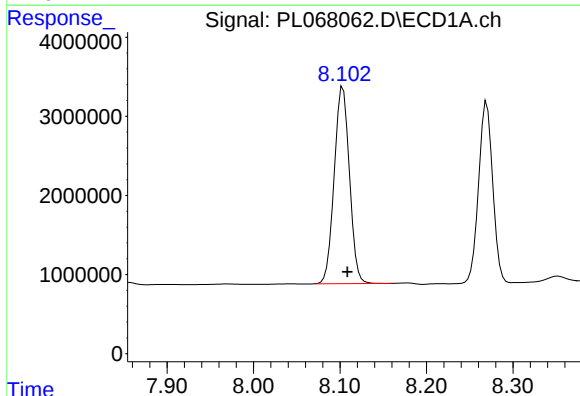
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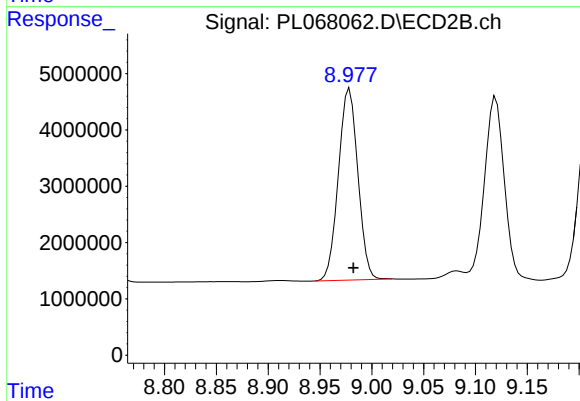
#13 Dieldrin

R.T.: 8.739 min
Delta R.T.: -0.004 min
Response: 53219424
Conc: 55.83 ng/ml



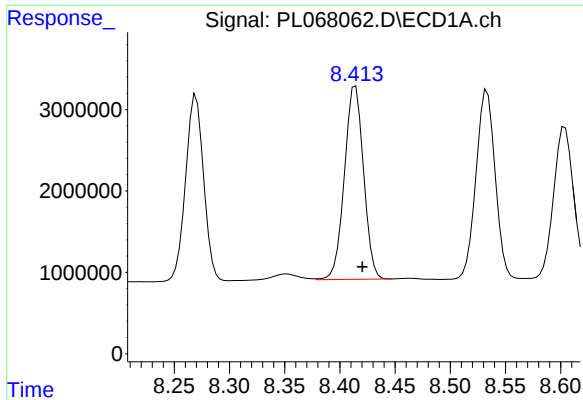
#14 Endrin

R.T.: 8.103 min
Delta R.T.: -0.005 min
Response: 30328427
Conc: 54.45 ng/ml



#14 Endrin

R.T.: 8.979 min
Delta R.T.: -0.004 min
Response: 44529171
Conc: 56.54 ng/ml



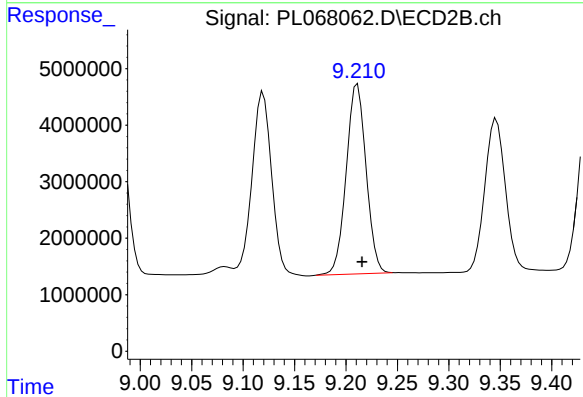
#15 Endosulfan II

R.T.: 8.414 min
Delta R.T.: -0.006 min
Response: 28632261
Conc: 54.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-DMSD

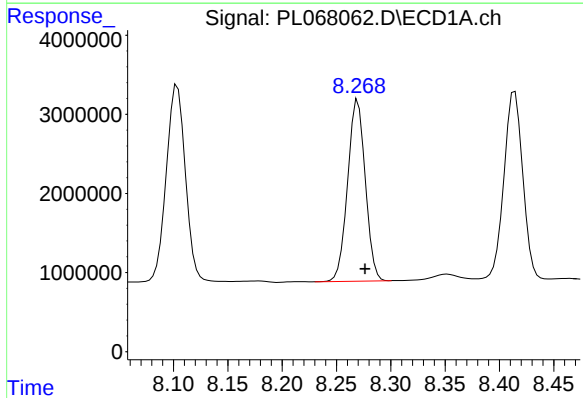
Manual Integrations
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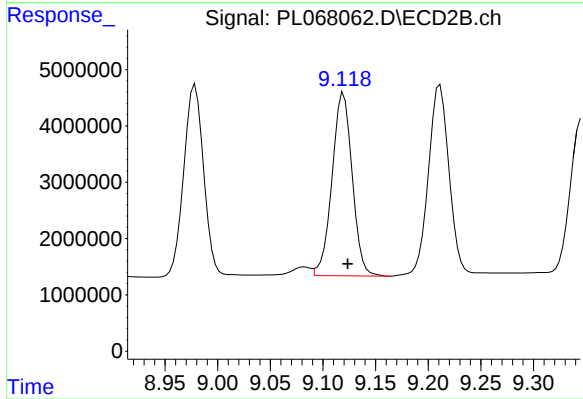
#15 Endosulfan II

R.T.: 9.211 min
Delta R.T.: -0.004 min
Response: 45156602
Conc: 57.07 ng/ml



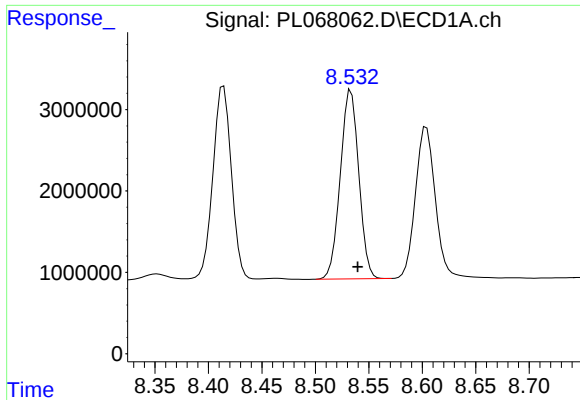
#16 4,4'-DDD

R.T.: 8.270 min
Delta R.T.: -0.007 min
Response: 25987535
Conc: 51.47 ng/ml



#16 4,4'-DDD

R.T.: 9.120 min
Delta R.T.: -0.004 min
Response: 43267913
Conc: 55.58 ng/ml



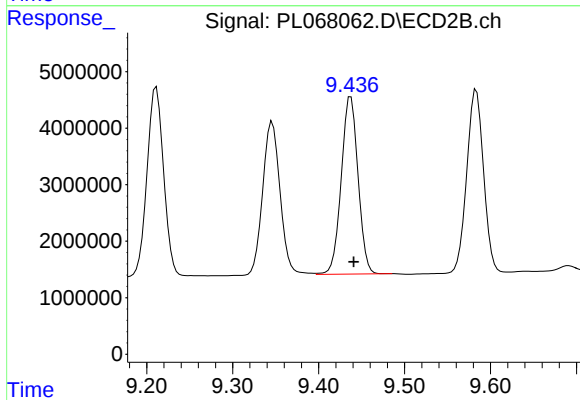
#17 4,4'-DDT

R.T.: 8.533 min
Delta R.T.: -0.006 min
Response: 27981340
Conc: 51.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-DMSD

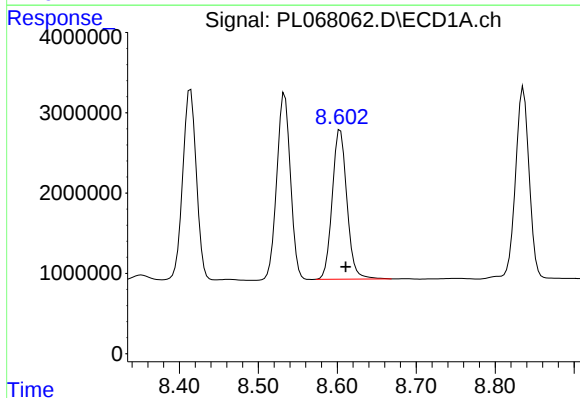
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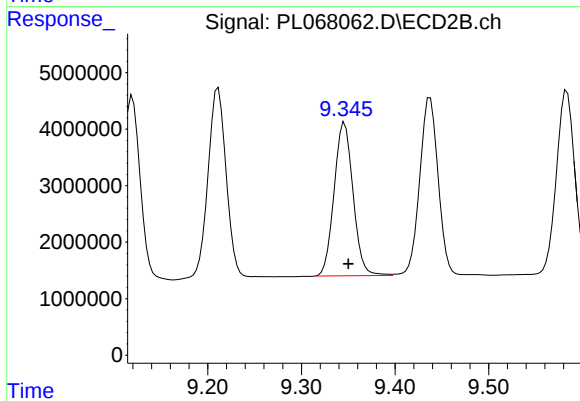
#17 4,4'-DDT

R.T.: 9.437 min
Delta R.T.: -0.004 min
Response: 42684271
Conc: 51.37 ng/ml



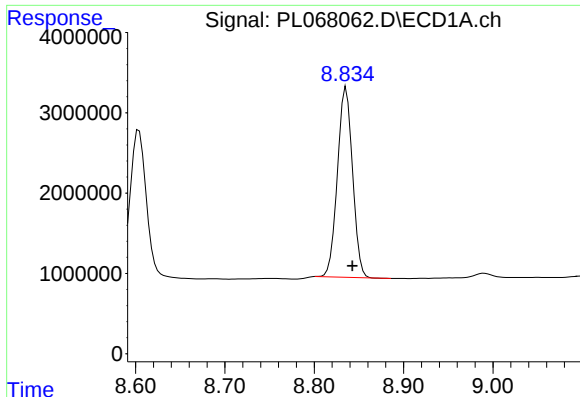
#18 Endrin aldehyde

R.T.: 8.604 min
Delta R.T.: -0.007 min
Response: 24111200
Conc: 57.85 ng/ml



#18 Endrin aldehyde

R.T.: 9.346 min
Delta R.T.: -0.004 min
Response: 38110409
Conc: 59.72 ng/ml



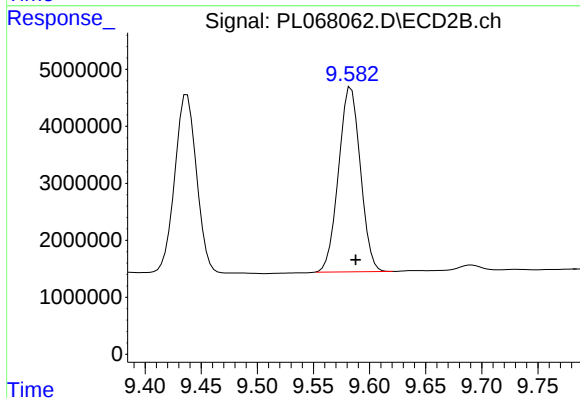
#19 Endosulfan Sulfate

R.T.: 8.836 min
Delta R.T.: -0.007 min
Response: 27721727
Conc: 50.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-DMSD

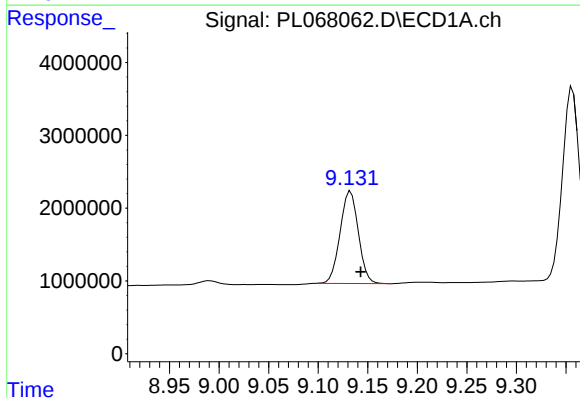
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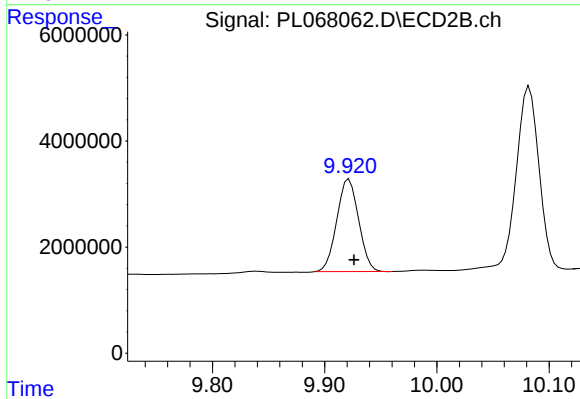
#19 Endosulfan Sulfate

R.T.: 9.584 min
Delta R.T.: -0.004 min
Response: 43865973
Conc: 54.59 ng/ml



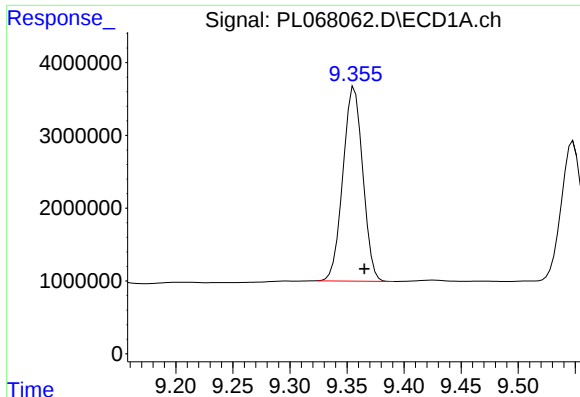
#20 Methoxychlor

R.T.: 9.133 min
Delta R.T.: -0.010 min
Response: 16240124
Conc: 51.95 ng/ml



#20 Methoxychlor

R.T.: 9.922 min
Delta R.T.: -0.004 min
Response: 23601562
Conc: 53.96 ng/ml



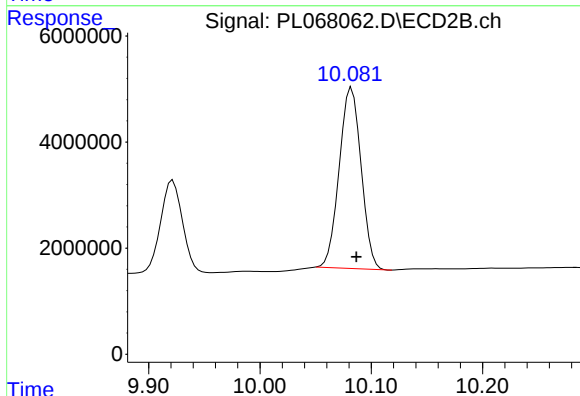
#21 Endrin ketone

R.T.: 9.357 min
Delta R.T.: -0.009 min
Response: 32308624
Conc: 53.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-DMSD

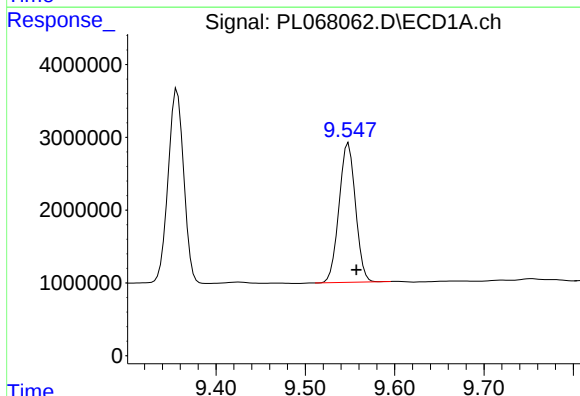
Manual Integrations
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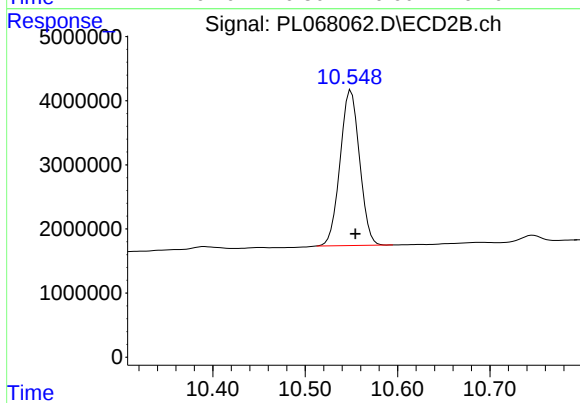
#21 Endrin ketone

R.T.: 10.082 min
Delta R.T.: -0.004 min
Response: 46650276
Conc: 53.77 ng/ml



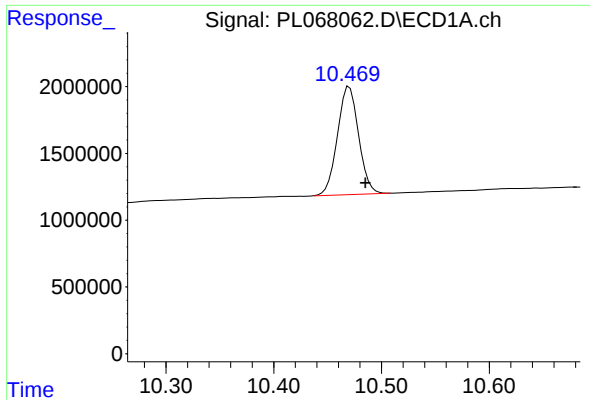
#22 Mirex

R.T.: 9.548 min
Delta R.T.: -0.009 min
Response: 24484089
Conc: 49.17 ng/ml



#22 Mirex

R.T.: 10.550 min
Delta R.T.: -0.005 min
Response: 35518218
Conc: 52.68 ng/ml



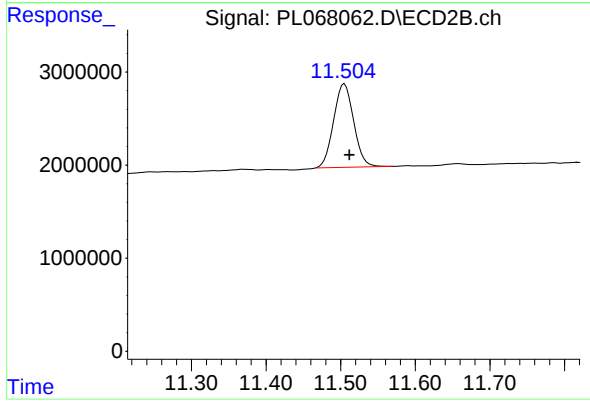
#28 Decachlorobiphenyl

R.T.: 10.470 min
Delta R.T.: -0.015 min
Response: 11031091
Conc: 19.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-DMSD

Manual Integrations
APPROVED

mohammad
7/13/2021 9:07:27 AM



#28 Decachlorobiphenyl

R.T.: 11.505 min
Delta R.T.: -0.007 min
Response: 16821299
Conc: 21.59 ng/ml