

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022222\
 Data File : PL072900.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Feb 2022 19:16
 Operator : AR\AJ
 Sample : PB142859BSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB142859BSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/23/2022
 Supervised By :Ankita Jodhani 02/23/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 23 05:37:01 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL020722.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 08 05:14:10 2022
 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...	4.551	5.489	9965405	36149917	20.696	20.928
28)	SA Decachlor...	10.313	11.380	18795337	40767396	24.827	25.708
Target Compounds							
2)	A alpha-BHC	5.258	6.071	30157100	115.4E6	45.738	48.175
3)	MA gamma-BHC...	5.681	6.467	30216262	109.1E6	48.078	47.366
4)	MA Heptachlor	6.085	7.113	36316411	113.3E6	49.753m	49.745
5)	MB Aldrin	6.410	7.482	32838091	108.1E6	50.860	50.569
6)	B beta-BHC	6.066	6.727	13938566	47412967	56.252m	46.510
7)	B delta-BHC	6.324	6.993	31342332	110.8E6	47.336	48.384
8)	B Heptachlo...	6.988	7.950	32525623	98809825	51.591	51.216
9)	A Endosulfan I	7.391	8.355	30711495	90845318	52.494	51.927
10)	B gamma-Chl...	7.264	8.220	33087183	99581198	52.232m	51.483
11)	B alpha-Chl...	7.335	8.300	33376848	98254776	52.415	51.714
12)	B 4,4'-DDE	7.550	8.491	32774972	96174204	53.932	51.455
13)	MA Dieldrin	7.677	8.644	33926643	98544295	53.724	52.877
14)	MA Endrin	7.968	8.883	31405565	85894709	53.611	54.514
15)	B Endosulfa...	8.280	9.120	31787014	85978268	52.247	51.137
16)	A 4,4'-DDD	8.137	9.032	26537686	73761284	55.161	53.304
17)	MA 4,4'-DDT	8.396	9.348	29975525	80971302	55.708	52.893
18)	B Endrin al...	8.469	9.255	26719609	69568124	61.300	61.812
19)	B Endosulfa...	8.701	9.493	31864399	80268124	53.545	53.656
20)	A Methoxychlor	8.992	9.836	18975217	43361529	53.965	53.556
21)	B Endrin ke...	9.217	9.989	37764450	86938771	54.948m	54.565
22)	Mirex	9.400	10.452	34561503	70784532	58.258	60.299

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022222\
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 Acq On : 22 Feb 2022 19:16
 Operator : AR\AJ
 Sample : PB142859BSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

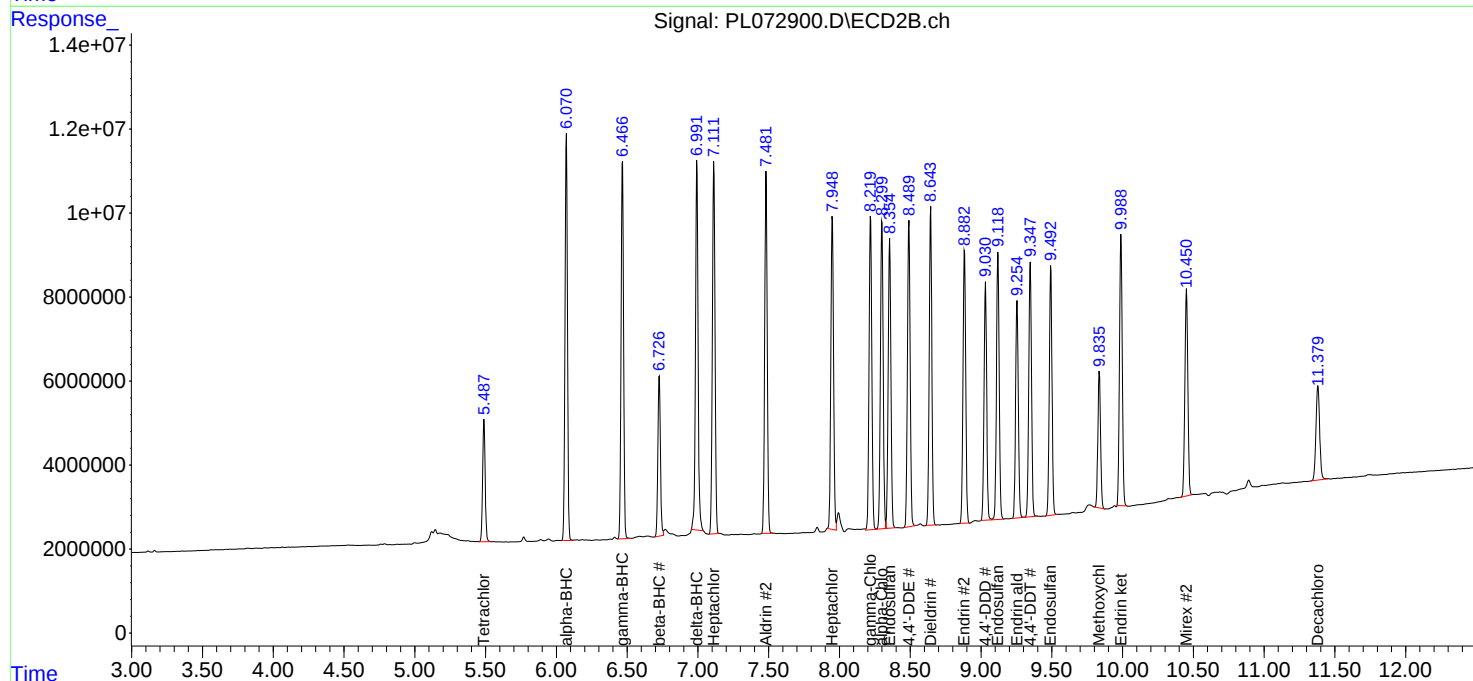
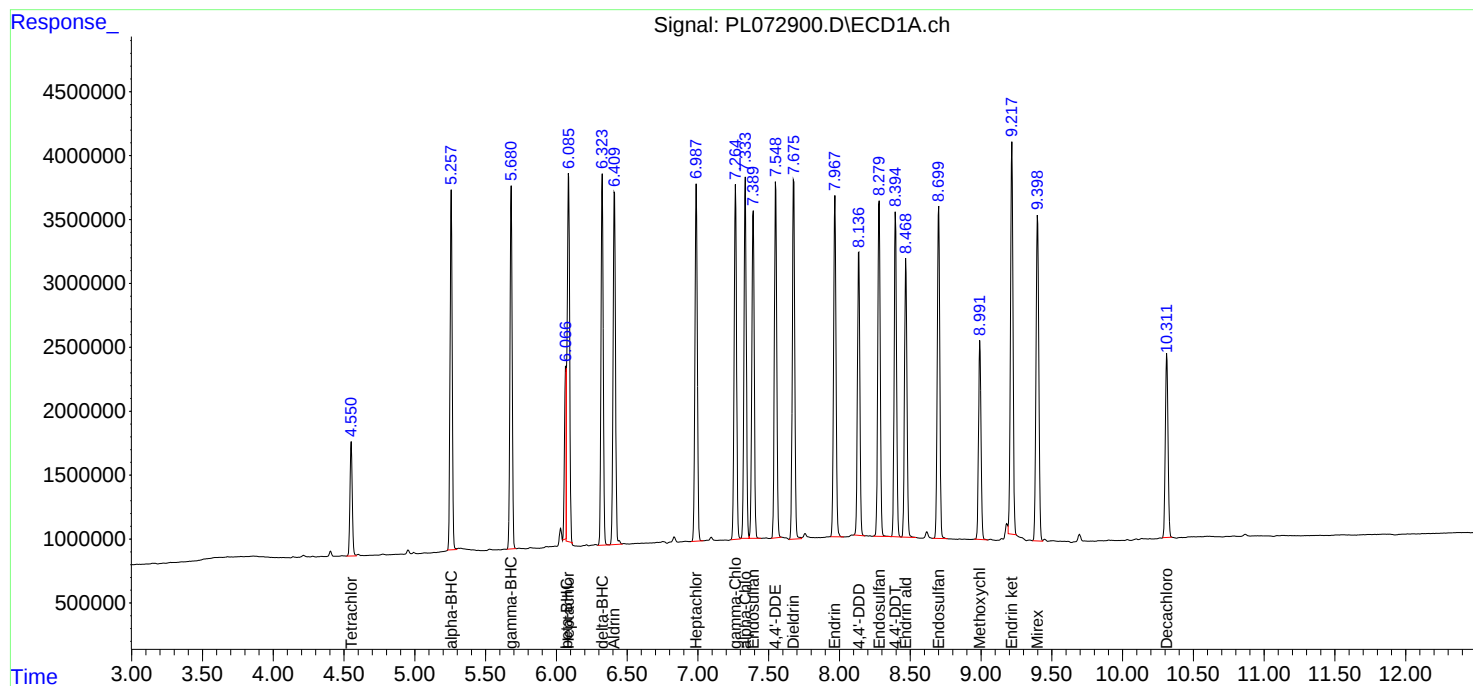
Instrument :
 ECD_L
 ClientSampleId :
 PB142859BSD

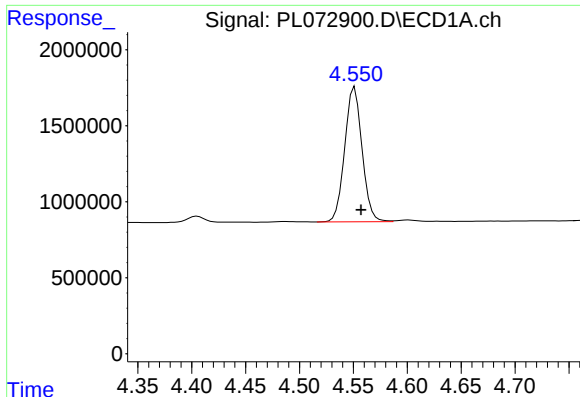
Manual Integrations APPROVED

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 Supervised By :Ankita Jodhani 02/23/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 23 05:37:01 2022
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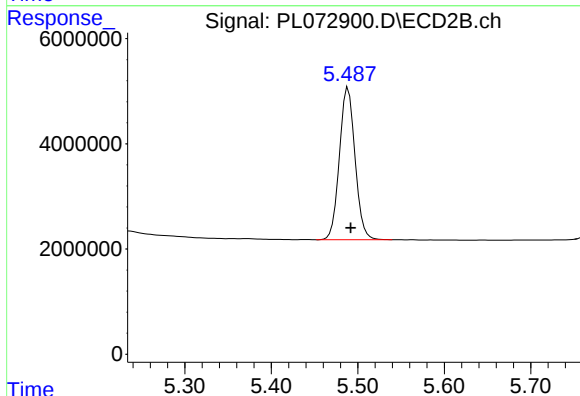
#1 Tetrachloro-m-xylene

R.T.: 4.551 min
Delta R.T.: -0.006 min
Response: 9965405
Conc: 20.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142859BSD

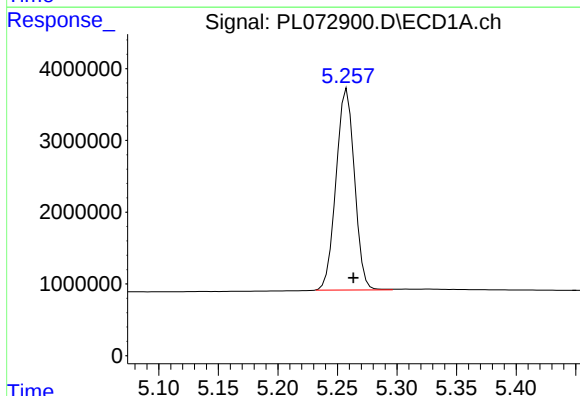
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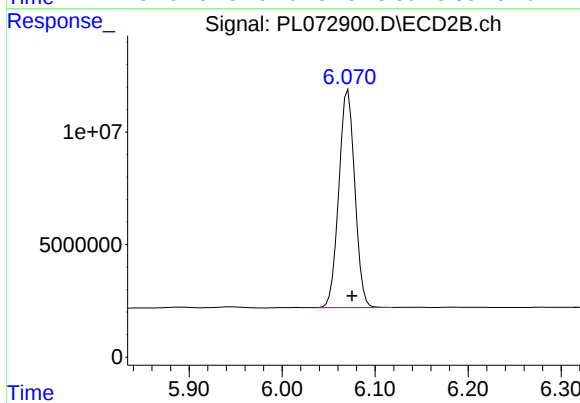
#1 Tetrachloro-m-xylene

R.T.: 5.489 min
Delta R.T.: -0.003 min
Response: 36149917
Conc: 20.93 ng/ml



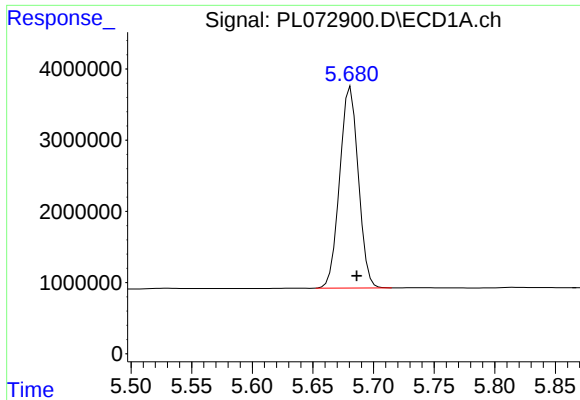
#2 alpha-BHC

R.T.: 5.258 min
Delta R.T.: -0.005 min
Response: 30157100
Conc: 45.74 ng/ml



#2 alpha-BHC

R.T.: 6.071 min
Delta R.T.: -0.004 min
Response: 115366041
Conc: 48.17 ng/ml



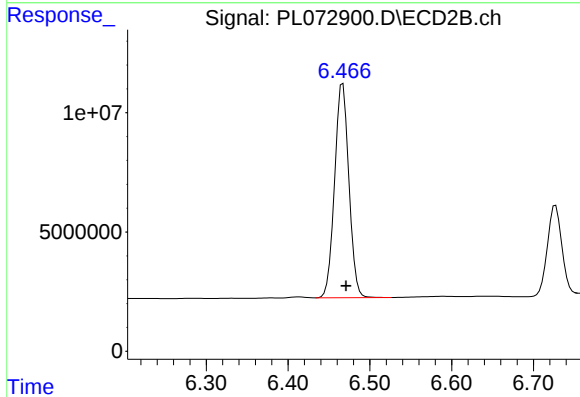
#3 gamma-BHC (Lindane)

R.T.: 5.681 min
Delta R.T.: -0.005 min
Response: 30216262
Conc: 48.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142859BSD

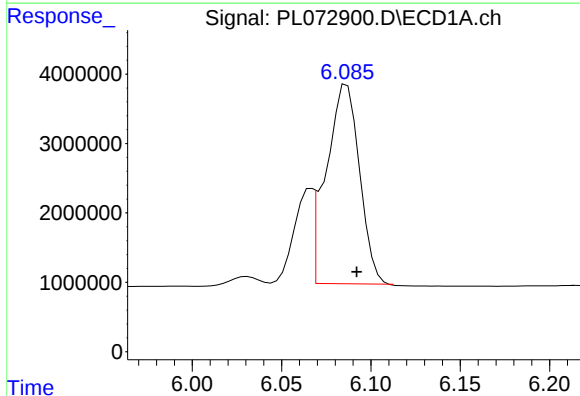
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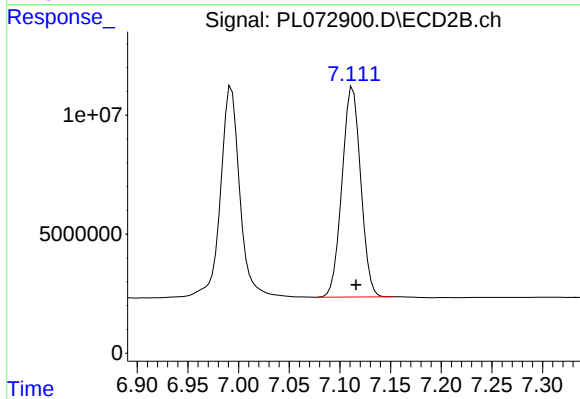
#3 gamma-BHC (Lindane)

R.T.: 6.467 min
Delta R.T.: -0.004 min
Response: 109058198
Conc: 47.37 ng/ml



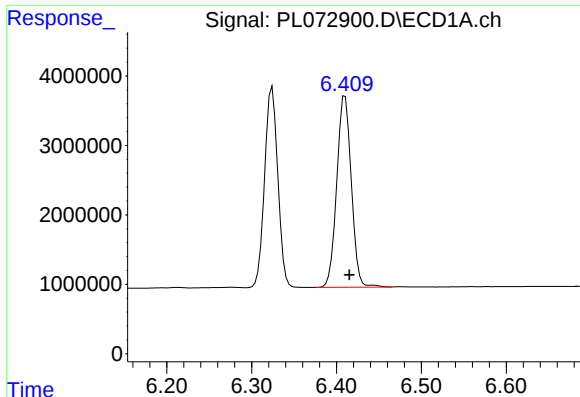
#4 Heptachlor

R.T.: 6.085 min
Delta R.T.: -0.007 min
Response: 36316411
Conc: 49.75 ng/ml m



#4 Heptachlor

R.T.: 7.113 min
Delta R.T.: -0.003 min
Response: 113260552
Conc: 49.74 ng/ml



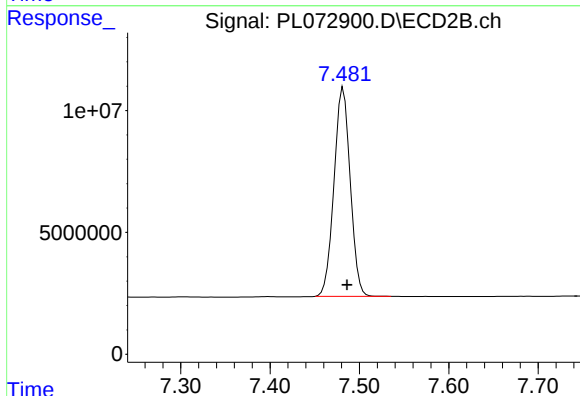
#5 Aldrin

R.T.: 6.410 min
Delta R.T.: -0.005 min
Response: 32838091
Conc: 50.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142859BSD

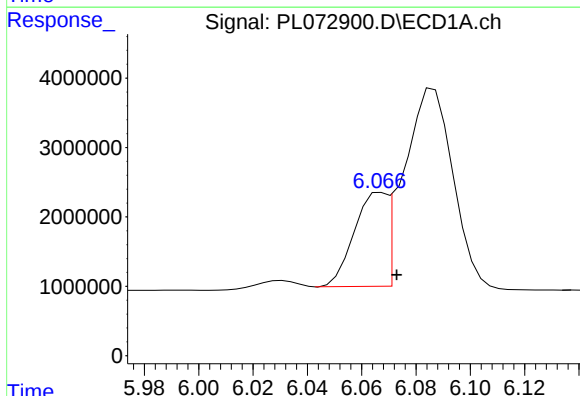
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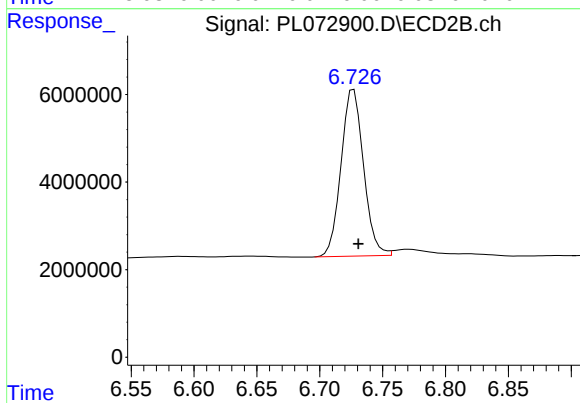
#5 Aldrin

R.T.: 7.482 min
Delta R.T.: -0.004 min
Response: 108105258
Conc: 50.57 ng/ml



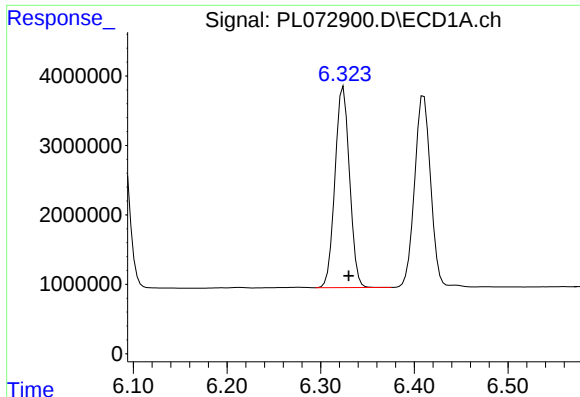
#6 beta-BHC

R.T.: 6.066 min
Delta R.T.: -0.007 min
Response: 13938566
Conc: 56.25 ng/ml m



#6 beta-BHC

R.T.: 6.727 min
Delta R.T.: -0.004 min
Response: 47412967
Conc: 46.51 ng/ml



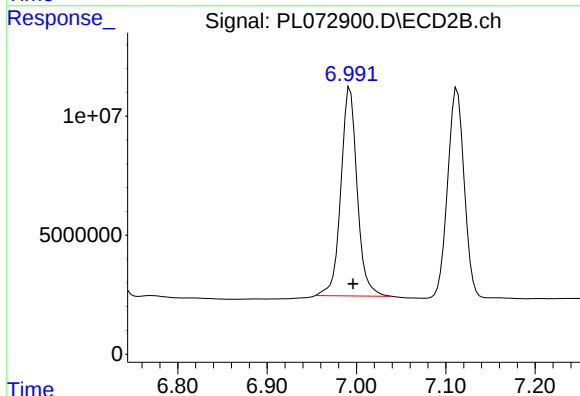
#7 delta-BHC

R.T.: 6.324 min
Delta R.T.: -0.006 min
Response: 31342332
Conc: 47.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142859BSD

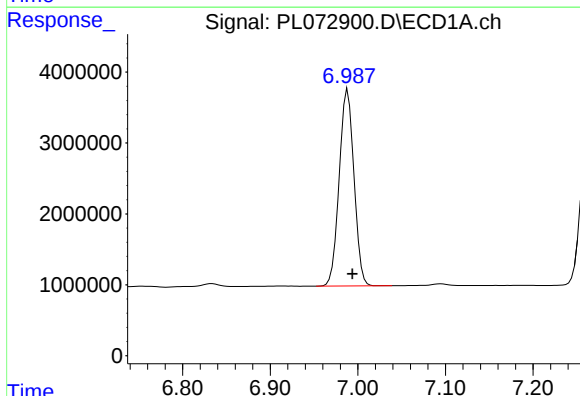
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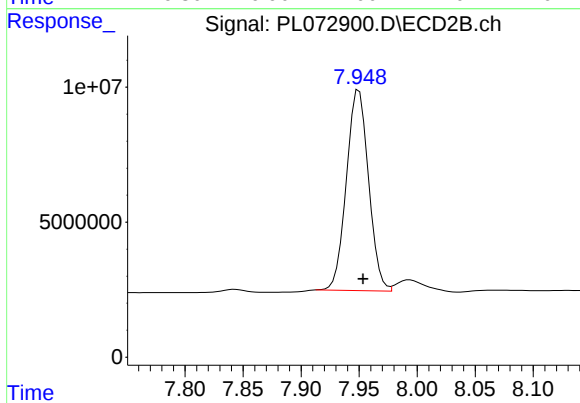
#7 delta-BHC

R.T.: 6.993 min
Delta R.T.: -0.003 min
Response: 110849345
Conc: 48.38 ng/ml



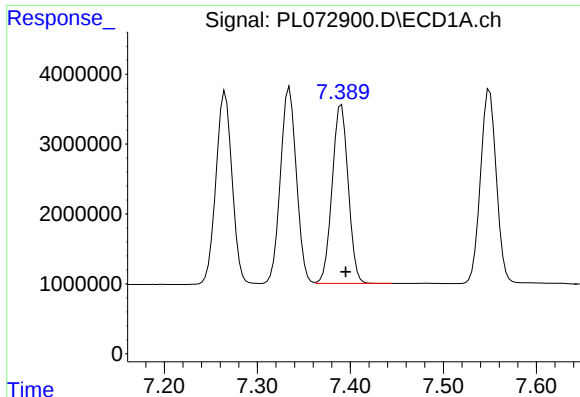
#8 Heptachlor epoxide

R.T.: 6.988 min
Delta R.T.: -0.005 min
Response: 32525623
Conc: 51.59 ng/ml



#8 Heptachlor epoxide

R.T.: 7.950 min
Delta R.T.: -0.004 min
Response: 98809825
Conc: 51.22 ng/ml



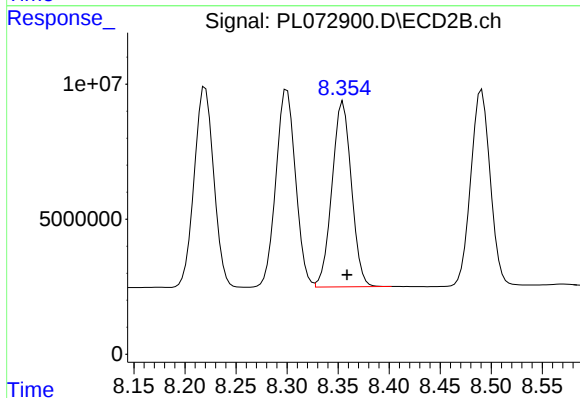
#9 Endosulfan I

R.T.: 7.391 min
Delta R.T.: -0.005 min
Response: 30711495
Conc: 52.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142859BSD

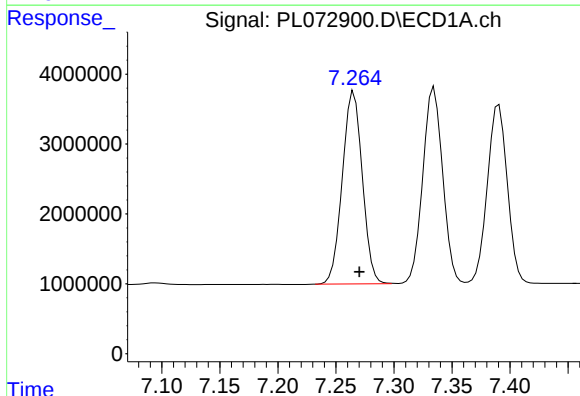
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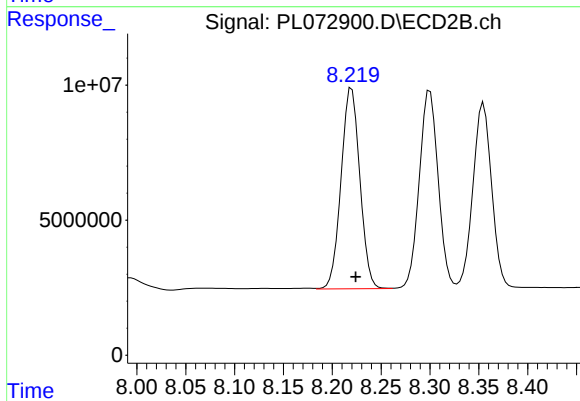
#9 Endosulfan I

R.T.: 8.355 min
Delta R.T.: -0.004 min
Response: 90845318
Conc: 51.93 ng/ml



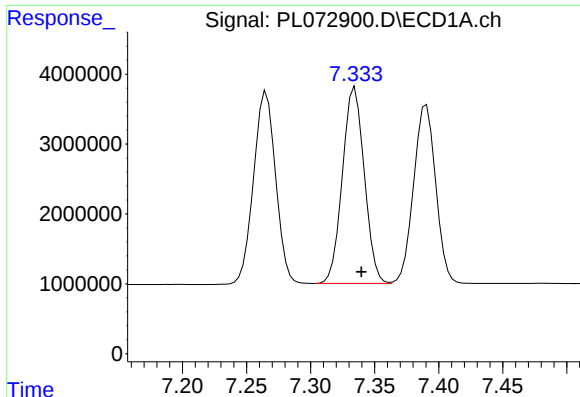
#10 gamma-Chlordane

R.T.: 7.264 min
Delta R.T.: -0.006 min
Response: 33087183
Conc: 52.23 ng/ml m



#10 gamma-Chlordane

R.T.: 8.220 min
Delta R.T.: -0.004 min
Response: 99581198
Conc: 51.48 ng/ml



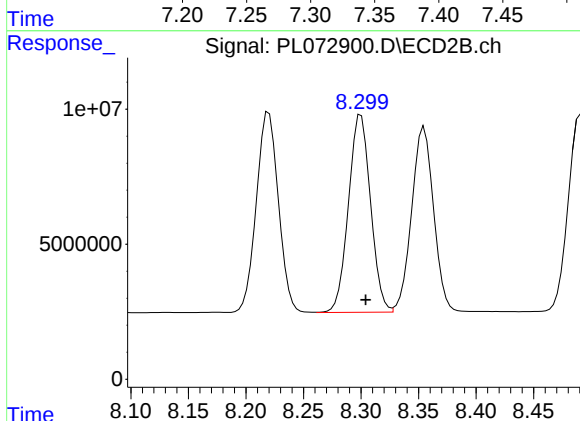
#11 alpha-Chlordane

R.T.: 7.335 min
Delta R.T.: -0.005 min
Response: 33376848
Conc: 52.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142859BSD

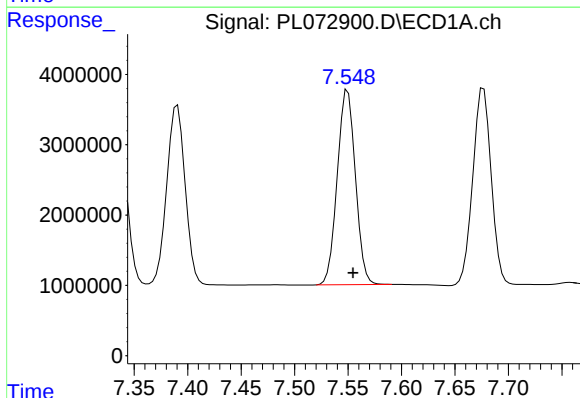
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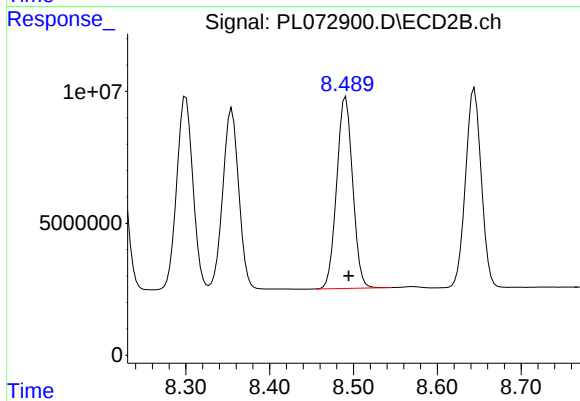
#11 alpha-Chlordane

R.T.: 8.300 min
Delta R.T.: -0.004 min
Response: 98254776
Conc: 51.71 ng/ml



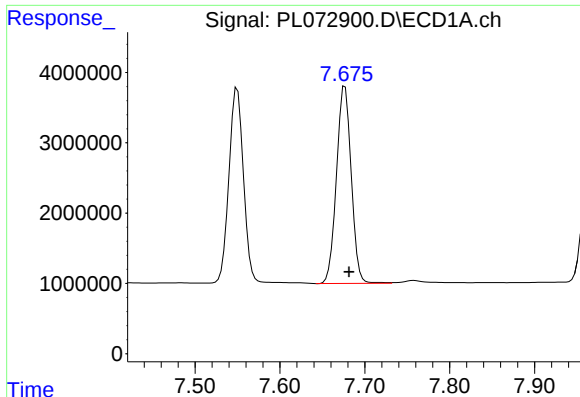
#12 4,4'-DDE

R.T.: 7.550 min
Delta R.T.: -0.005 min
Response: 32774972
Conc: 53.93 ng/ml



#12 4,4'-DDE

R.T.: 8.491 min
Delta R.T.: -0.003 min
Response: 96174204
Conc: 51.46 ng/ml



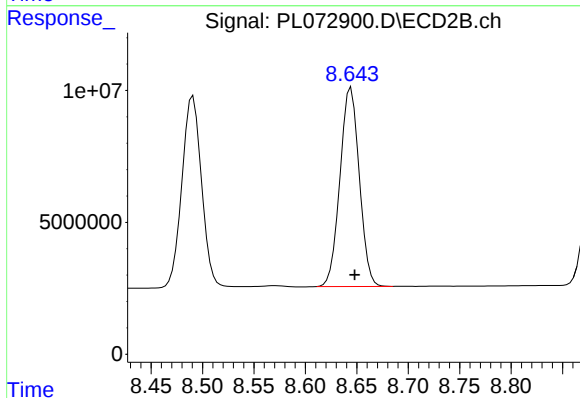
#13 Dieldrin

R.T.: 7.677 min
Delta R.T.: -0.005 min
Response: 33926643
Conc: 53.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142859BSD

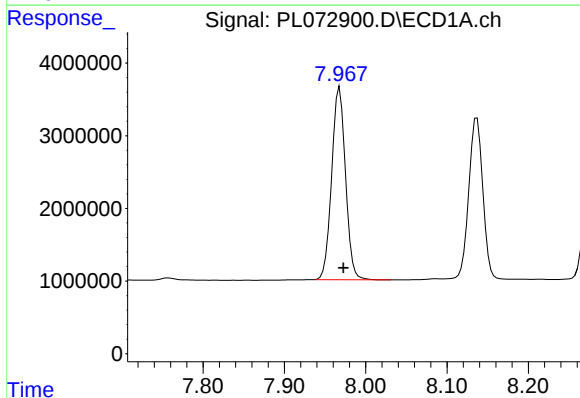
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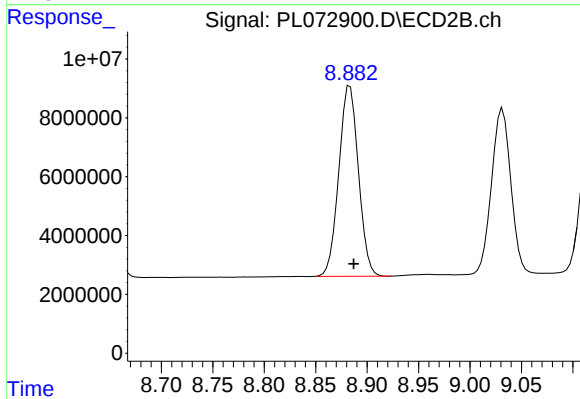
#13 Dieldrin

R.T.: 8.644 min
Delta R.T.: -0.004 min
Response: 98544295
Conc: 52.88 ng/ml



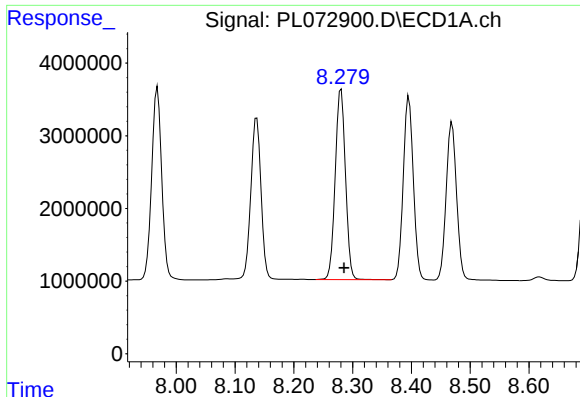
#14 Endrin

R.T.: 7.968 min
Delta R.T.: -0.005 min
Response: 31405565
Conc: 53.61 ng/ml



#14 Endrin

R.T.: 8.883 min
Delta R.T.: -0.004 min
Response: 85894709
Conc: 54.51 ng/ml



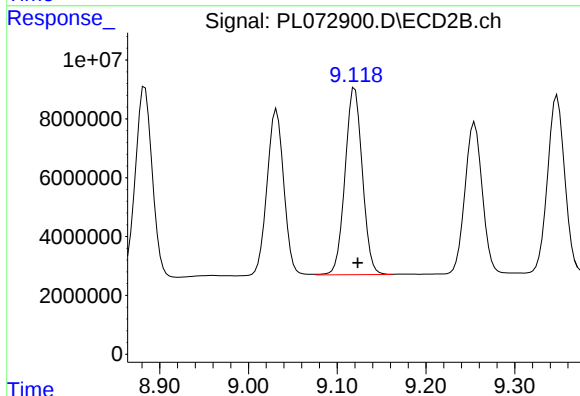
#15 Endosulfan II

R.T.: 8.280 min
Delta R.T.: -0.005 min
Response: 31787014
Conc: 52.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142859BSD

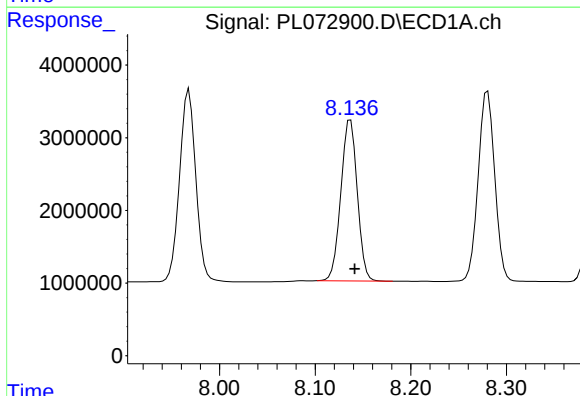
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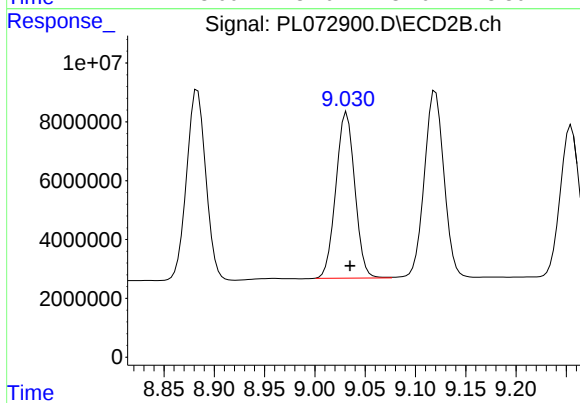
#15 Endosulfan II

R.T.: 9.120 min
Delta R.T.: -0.003 min
Response: 85978268
Conc: 51.14 ng/ml



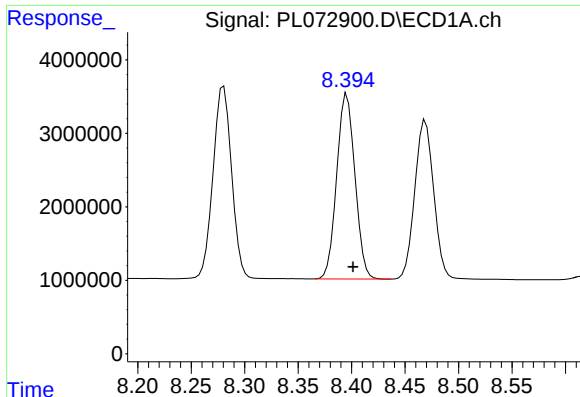
#16 4,4'-DDD

R.T.: 8.137 min
Delta R.T.: -0.005 min
Response: 26537686
Conc: 55.16 ng/ml



#16 4,4'-DDD

R.T.: 9.032 min
Delta R.T.: -0.003 min
Response: 73761284
Conc: 53.30 ng/ml



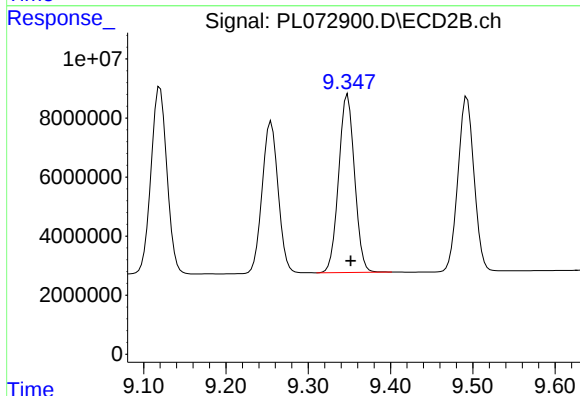
#17 4,4'-DDT

R.T.: 8.396 min
Delta R.T.: -0.006 min
Response: 29975525
Conc: 55.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142859BSD

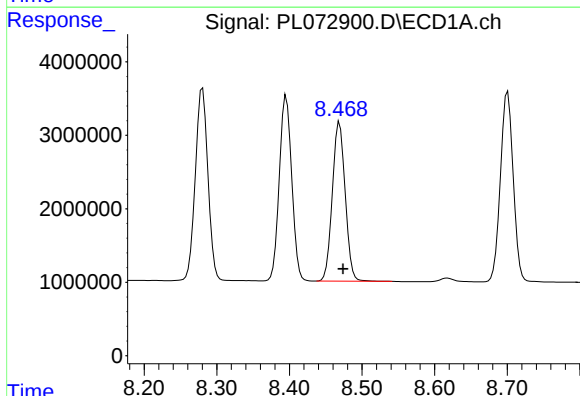
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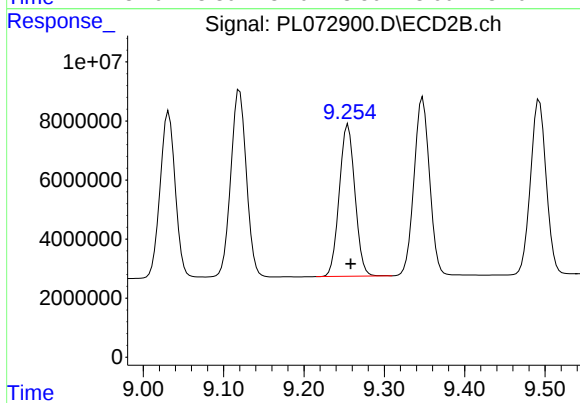
#17 4,4'-DDT

R.T.: 9.348 min
Delta R.T.: -0.004 min
Response: 80971302
Conc: 52.89 ng/ml



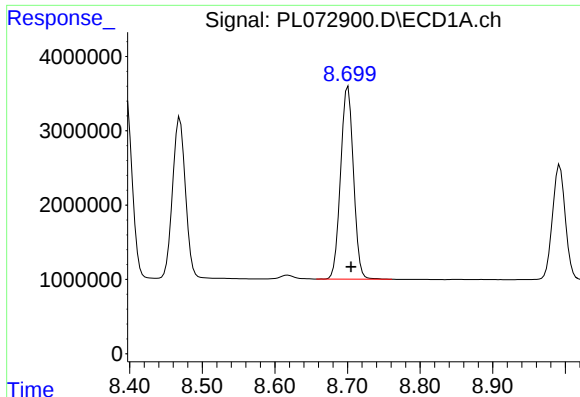
#18 Endrin aldehyde

R.T.: 8.469 min
Delta R.T.: -0.005 min
Response: 26719609
Conc: 61.30 ng/ml



#18 Endrin aldehyde

R.T.: 9.255 min
Delta R.T.: -0.003 min
Response: 69568124
Conc: 61.81 ng/ml



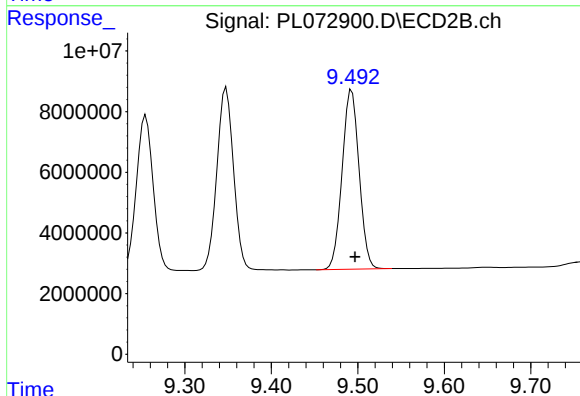
#19 Endosulfan Sulfate

R.T.: 8.701 min
Delta R.T.: -0.004 min
Response: 31864399
Conc: 53.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142859BSD

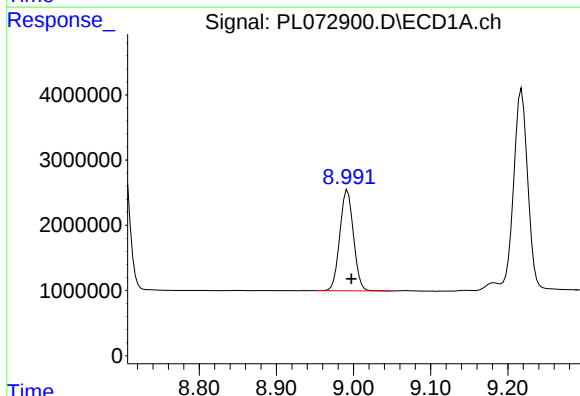
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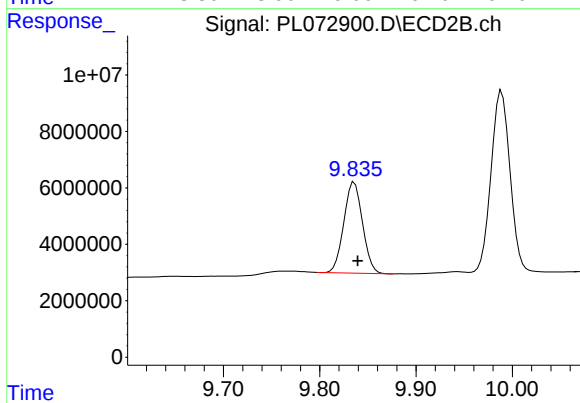
#19 Endosulfan Sulfate

R.T.: 9.493 min
Delta R.T.: -0.004 min
Response: 80268124
Conc: 53.66 ng/ml



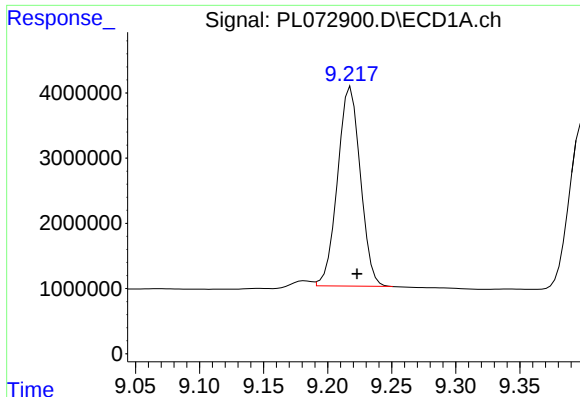
#20 Methoxychlor

R.T.: 8.992 min
Delta R.T.: -0.005 min
Response: 18975217
Conc: 53.96 ng/ml



#20 Methoxychlor

R.T.: 9.836 min
Delta R.T.: -0.003 min
Response: 43361529
Conc: 53.56 ng/ml



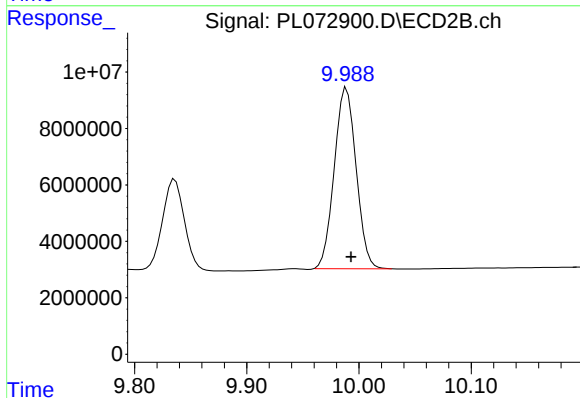
#21 Endrin ketone

R.T.: 9.217 min
Delta R.T.: -0.006 min
Response: 37764450
Conc: 54.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142859BSD

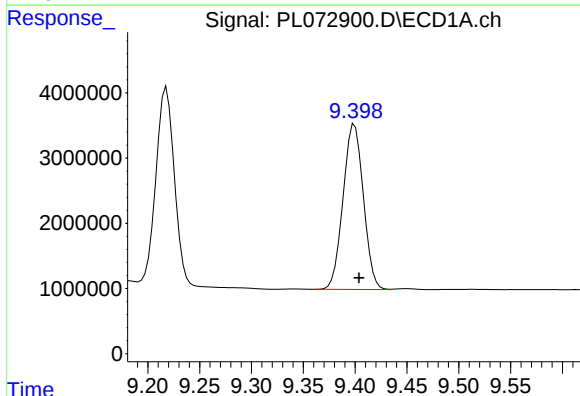
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/23/2022
Supervised By :Ankita Jodhani 02/23/2022



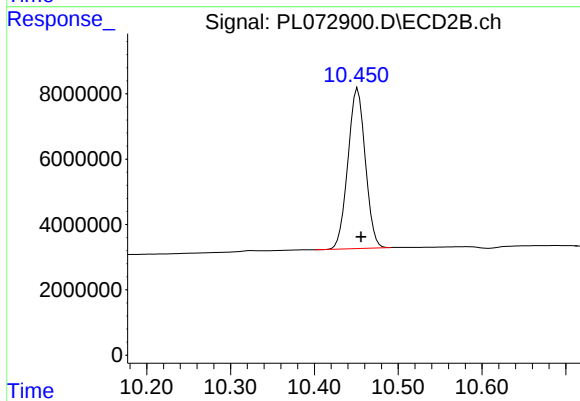
#21 Endrin ketone

R.T.: 9.989 min
Delta R.T.: -0.004 min
Response: 86938771
Conc: 54.57 ng/ml



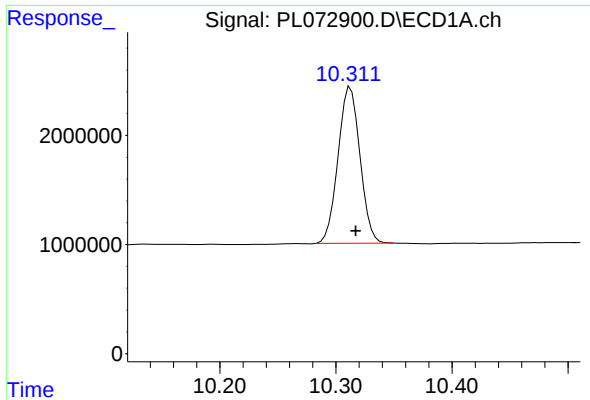
#22 Mirex

R.T.: 9.400 min
Delta R.T.: -0.004 min
Response: 34561503
Conc: 58.26 ng/ml



#22 Mirex

R.T.: 10.452 min
Delta R.T.: -0.004 min
Response: 70784532
Conc: 60.30 ng/ml



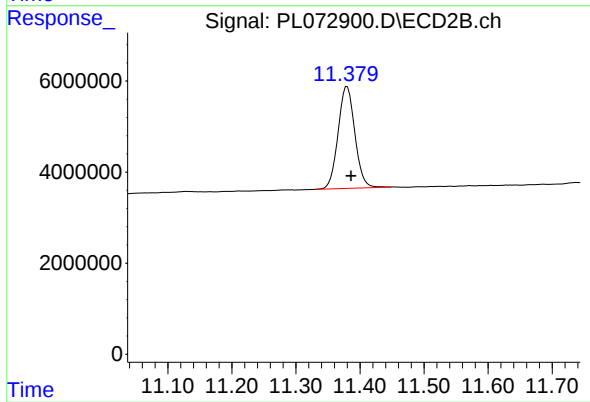
#28 Decachlorobiphenyl

R.T.: 10.313 min
Delta R.T.: -0.005 min
Response: 18795337
Conc: 24.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142859BSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 11.380 min
Delta R.T.: -0.006 min
Response: 40767396
Conc: 25.71 ng/ml