

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012122\
 Data File : PL072171.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jan 2022 16:33
 Operator : AR\AJ
 Sample : PB142178BSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB142178BSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/24/2022
 Supervised By : Ankita Jodhani 01/25/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 22 02:01:33 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL011722.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 18 10:53:59 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...	4.556	5.491	11206230	32934414	20.185	20.278
28)	SA Decachlor...	10.316	11.381	18454997	34119501	20.772	21.146
Target Compounds							
2)	A alpha-BHC	5.262	6.073	38409524	121.3E6	49.675	50.254
3)	MA gamma-BHC...	5.685	6.468	37611052	113.5E6	49.880	50.450
4)	MA Heptachlor	6.091	7.114	41653050	113.2E6	48.283	48.818
5)	MB Aldrin	6.415	7.484	37990938	107.4E6	48.112	48.565
6)	B beta-BHC	6.070	6.727	16739146	50428483	50.638	50.932
7)	B delta-BHC	6.328	6.993	38824487	113.6E6	49.012	46.159
8)	B Heptachlo...	6.993	7.952	37784845	101.8E6	49.636	50.819
9)	A Endosulfan I	7.394	8.356	35837802	92342421	50.425	51.016
10)	B gamma-Chl...	7.269	8.220	38644646	101.1E6	49.184	50.008m
11)	B alpha-Chl...	7.339	8.300	38537318	97981039	49.124	49.415m
12)	B 4,4'-DDE	7.554	8.492	36326376	95888902	50.315	50.701
13)	MA Dieldrin	7.681	8.646	37304678	94703367	49.239	48.205
14)	MA Endrin	7.971	8.884	33138973	75559316	47.296	45.572
15)	B Endosulfa...	8.284	9.120	32910918	78610270	44.263	45.839
16)	A 4,4'-DDD	8.140	9.032	31634408	77981532	53.963	54.541
17)	MA 4,4'-DDT	8.400	9.348	29117194	72027151	43.847	45.571
18)	B Endrin al...	8.472	9.255	27684431	64178992	48.591	51.700
19)	B Endosulfa...	8.704	9.493	34922409	76461973	47.631	48.978
20)	A Methoxychlor	8.996	9.836	17761792	34373484	42.100	41.496
21)	B Endrin ke...	9.220	9.989	44049370	84700936	52.900m	51.179
22)	Mirex	9.403	10.452	35167555	60722024	47.621	48.664

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012122\
 Data File : PL072171.D
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 Acq On : 21 Jan 2022 16:33
 Operator : AR\AJ
 Sample : PB142178BSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

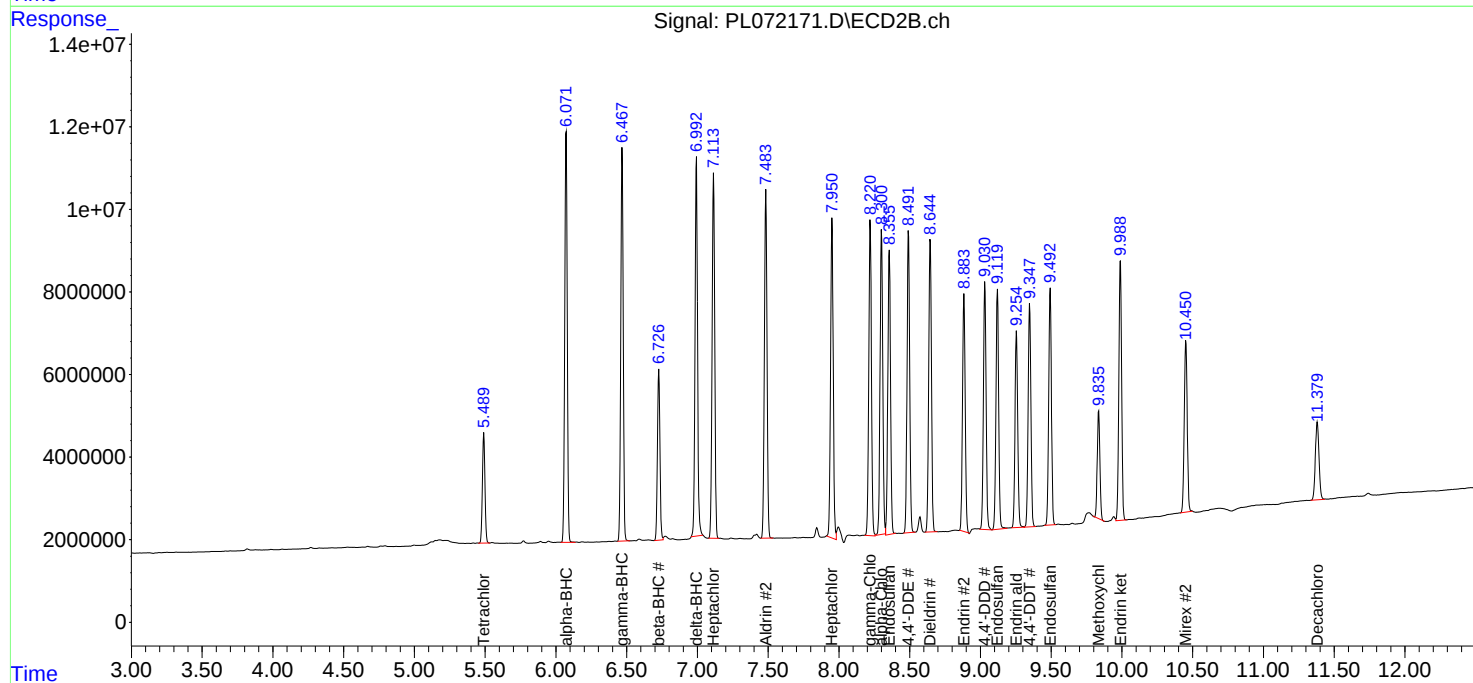
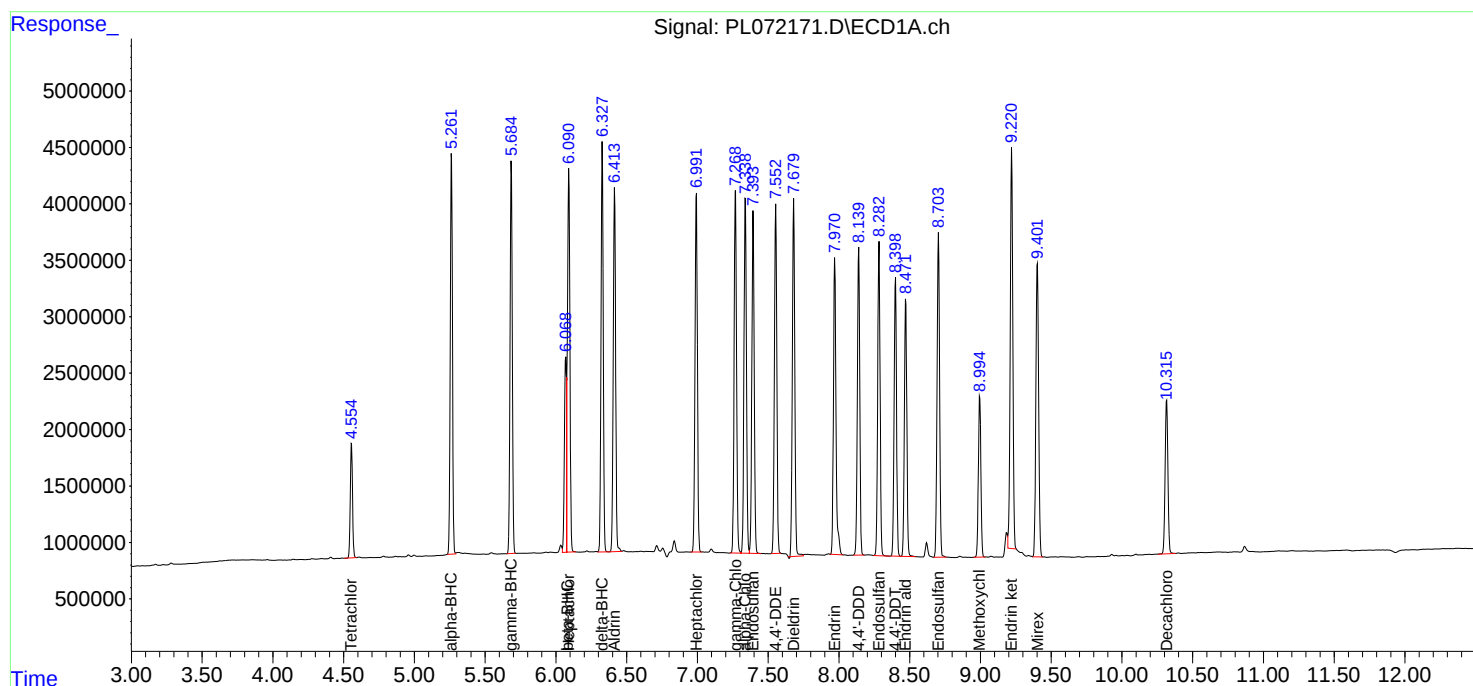
Instrument :
 ECD_L
 ClientSampleId :
 PB142178BSD

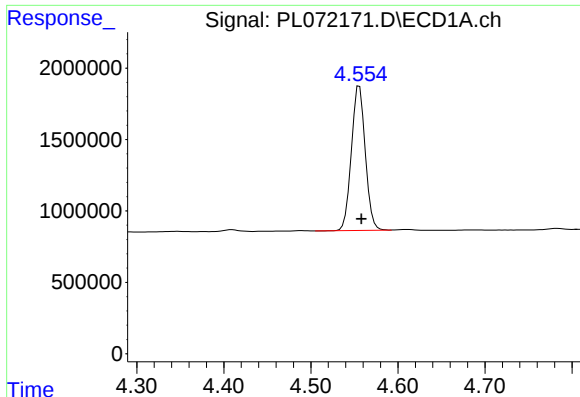
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 01/24/2022
 Supervised By :Ankita Jodhani 01/25/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 22 02:01:33 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL011722.M
 Quant Title : GC Extractables
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Volume Inj. : 1 µl
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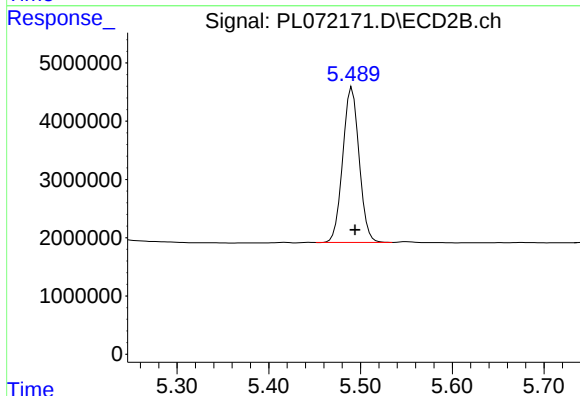
#1 Tetrachloro-m-xylene

R.T.: 4.556 min
Delta R.T.: -0.002 min
Response: 11206230
Conc: 20.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142178BSD

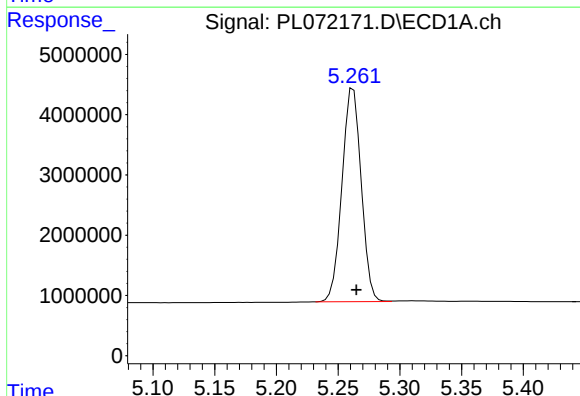
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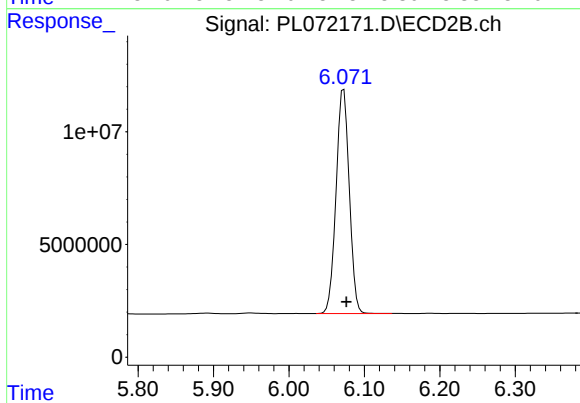
#1 Tetrachloro-m-xylene

R.T.: 5.491 min
Delta R.T.: -0.003 min
Response: 32934414
Conc: 20.28 ng/ml



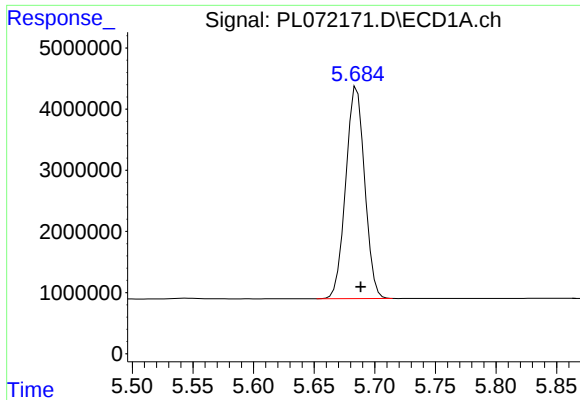
#2 alpha-BHC

R.T.: 5.262 min
Delta R.T.: -0.002 min
Response: 38409524
Conc: 49.67 ng/ml



#2 alpha-BHC

R.T.: 6.073 min
Delta R.T.: -0.003 min
Response: 121255060
Conc: 50.25 ng/ml



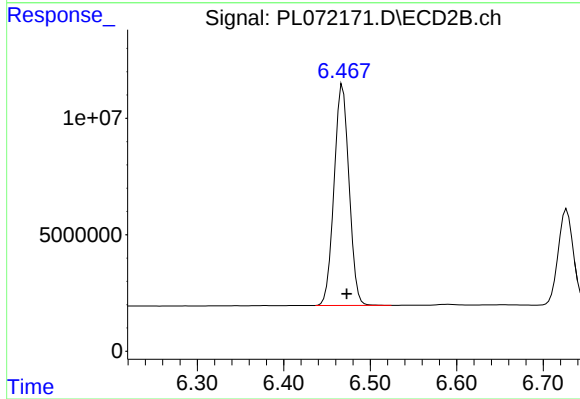
#3 gamma-BHC (Lindane)

R.T.: 5.685 min
Delta R.T.: -0.003 min
Response: 37611052
Conc: 49.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142178BSD

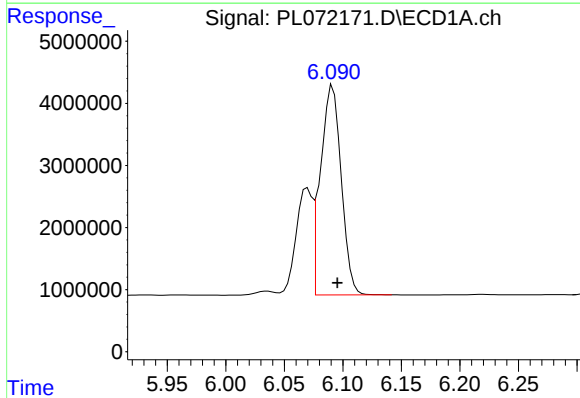
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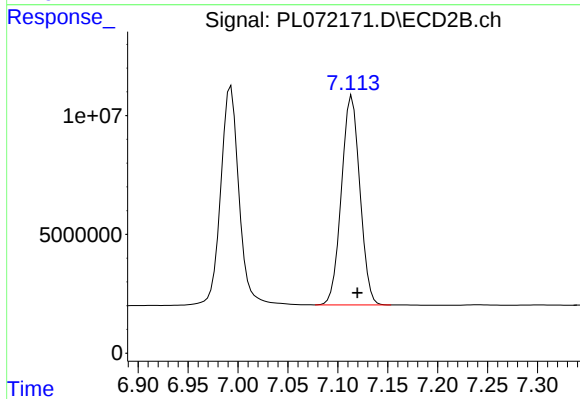
#3 gamma-BHC (Lindane)

R.T.: 6.468 min
Delta R.T.: -0.005 min
Response: 113529248
Conc: 50.45 ng/ml



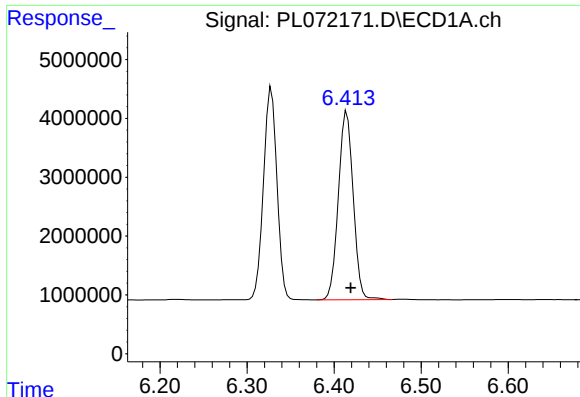
#4 Heptachlor

R.T.: 6.091 min
Delta R.T.: -0.004 min
Response: 41653050
Conc: 48.28 ng/ml



#4 Heptachlor

R.T.: 7.114 min
Delta R.T.: -0.006 min
Response: 113183240
Conc: 48.82 ng/ml



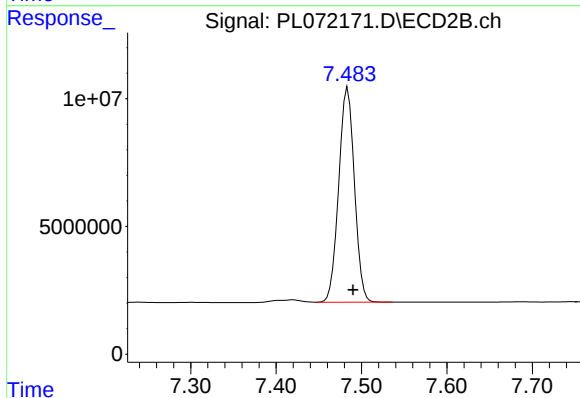
#5 Aldrin

R.T.: 6.415 min
Delta R.T.: -0.004 min
Response: 37990938
Conc: 48.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142178BSD

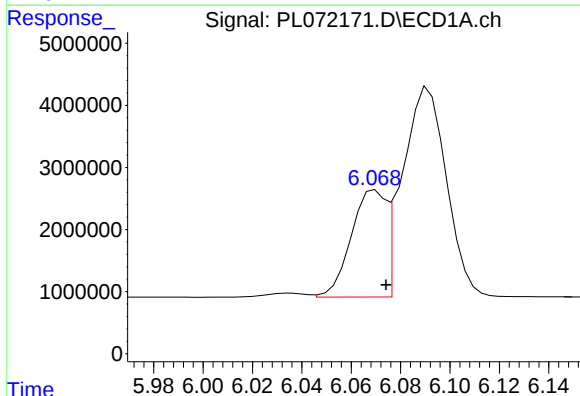
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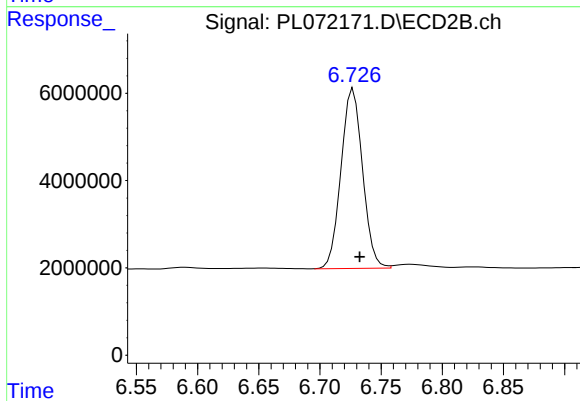
#5 Aldrin

R.T.: 7.484 min
Delta R.T.: -0.006 min
Response: 107387721
Conc: 48.56 ng/ml



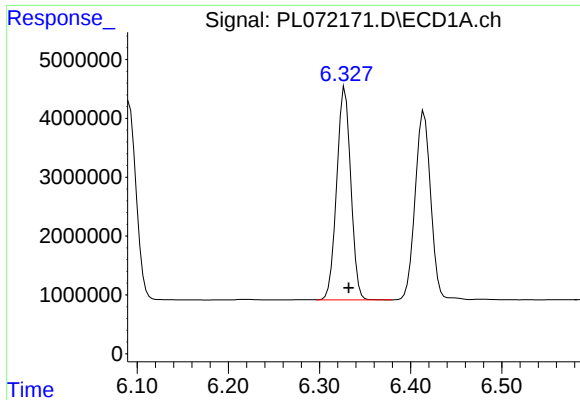
#6 beta-BHC

R.T.: 6.070 min
Delta R.T.: -0.004 min
Response: 16739146
Conc: 50.64 ng/ml



#6 beta-BHC

R.T.: 6.727 min
Delta R.T.: -0.005 min
Response: 50428483
Conc: 50.93 ng/ml



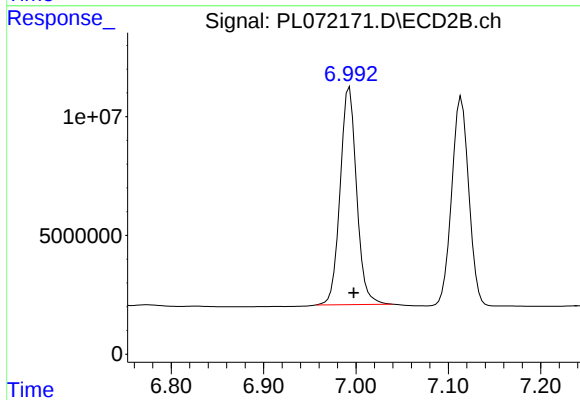
#7 delta-BHC

R.T.: 6.328 min
Delta R.T.: -0.004 min
Response: 38824487
Conc: 49.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142178BSD

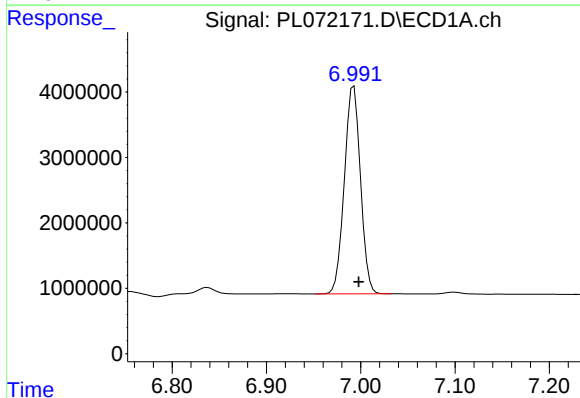
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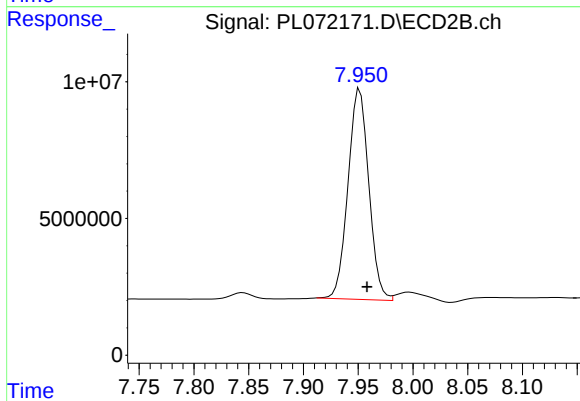
#7 delta-BHC

R.T.: 6.993 min
Delta R.T.: -0.005 min
Response: 113566912
Conc: 46.16 ng/ml



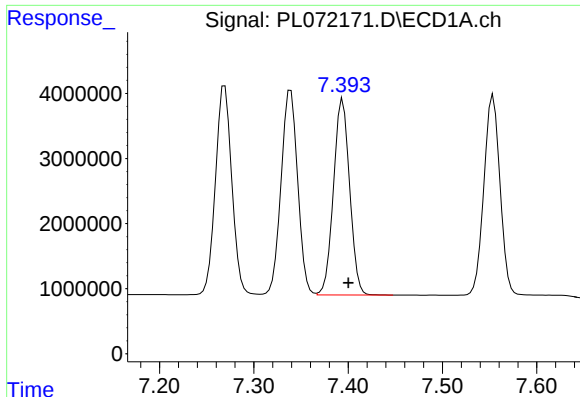
#8 Heptachlor epoxide

R.T.: 6.993 min
Delta R.T.: -0.005 min
Response: 37784845
Conc: 49.64 ng/ml



#8 Heptachlor epoxide

R.T.: 7.952 min
Delta R.T.: -0.007 min
Response: 101754976
Conc: 50.82 ng/ml



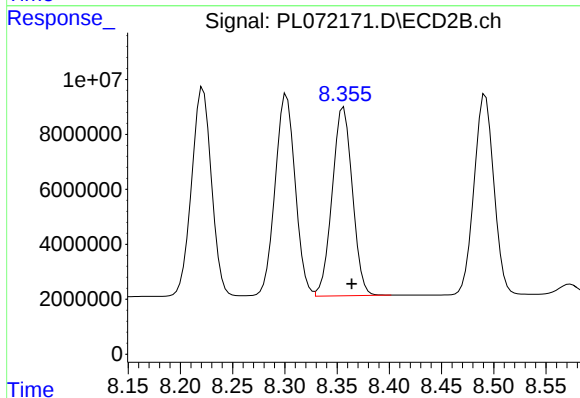
#9 Endosulfan I

R.T.: 7.394 min
Delta R.T.: -0.006 min
Response: 35837802
Conc: 50.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142178BSD

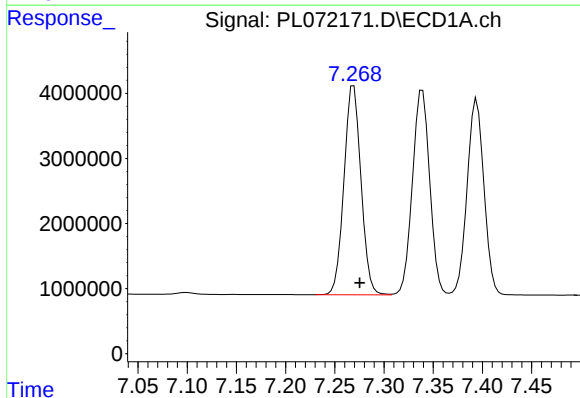
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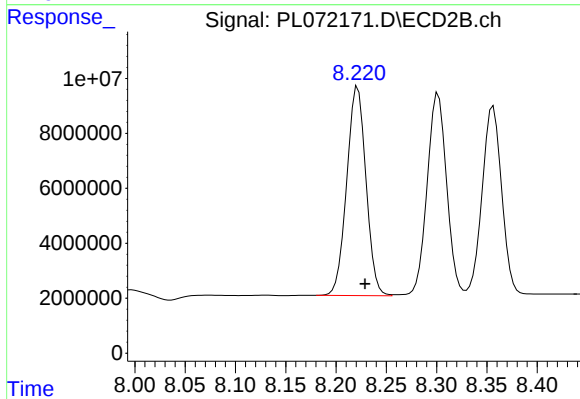
#9 Endosulfan I

R.T.: 8.356 min
Delta R.T.: -0.008 min
Response: 92342421
Conc: 51.02 ng/ml



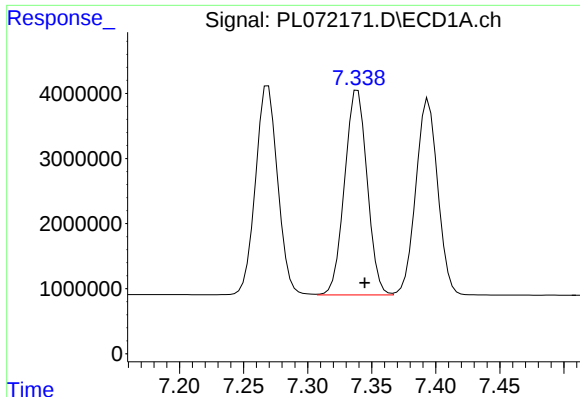
#10 gamma-Chlordane

R.T.: 7.269 min
Delta R.T.: -0.006 min
Response: 38644646
Conc: 49.18 ng/ml



#10 gamma-Chlordane

R.T.: 8.220 min
Delta R.T.: -0.008 min
Response: 101057354
Conc: 50.01 ng/ml m



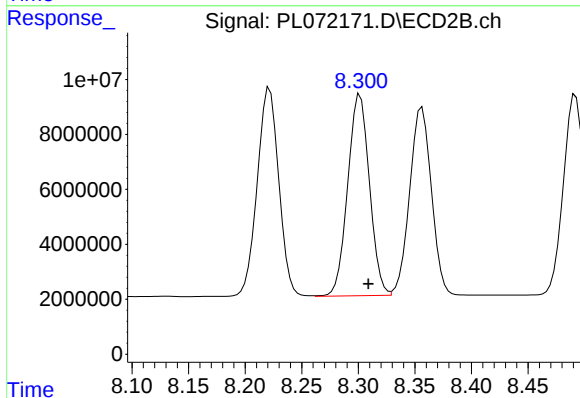
#11 alpha-Chlordane

R.T.: 7.339 min
Delta R.T.: -0.005 min
Response: 38537318
Conc: 49.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142178BSD

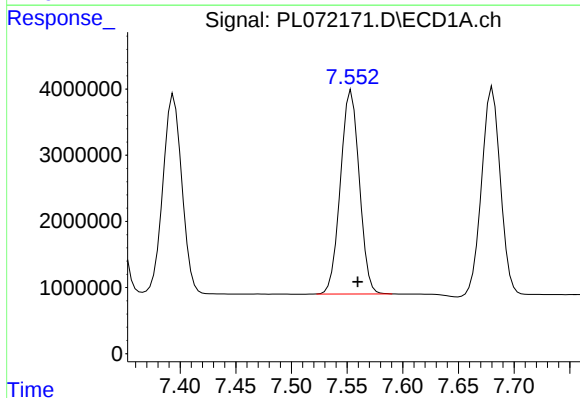
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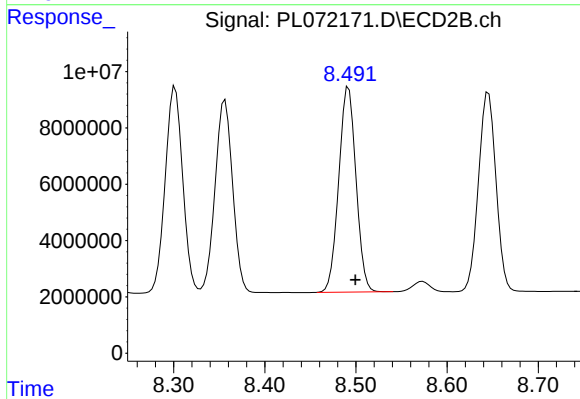
#11 alpha-Chlordane

R.T.: 8.300 min
Delta R.T.: -0.009 min
Response: 97981039
Conc: 49.42 ng/ml m



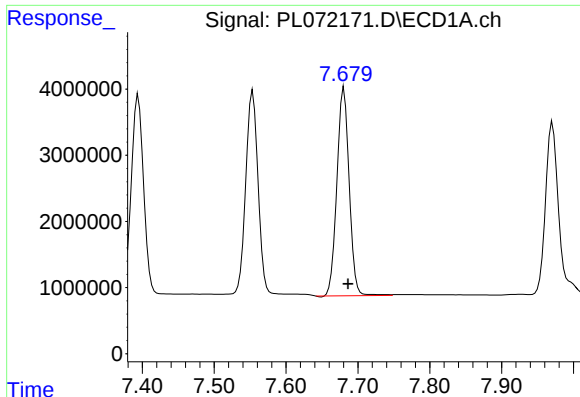
#12 4,4'-DDE

R.T.: 7.554 min
Delta R.T.: -0.006 min
Response: 36326376
Conc: 50.31 ng/ml



#12 4,4'-DDE

R.T.: 8.492 min
Delta R.T.: -0.007 min
Response: 95888902
Conc: 50.70 ng/ml



#13 Dieldrin

R.T.: 7.681 min
Delta R.T.: -0.006 min
Response: 37304678
Conc: 49.24 ng/ml

Instrument :

ECD_L

ClientSampleId :

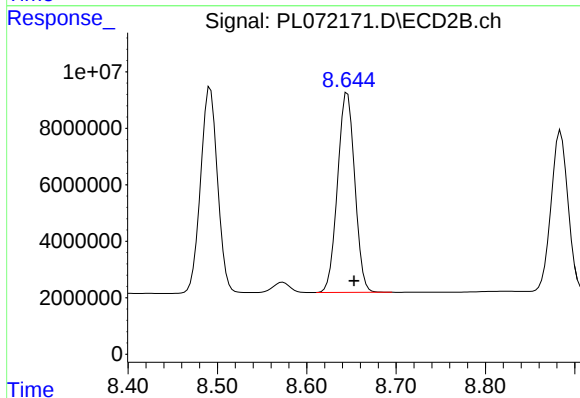
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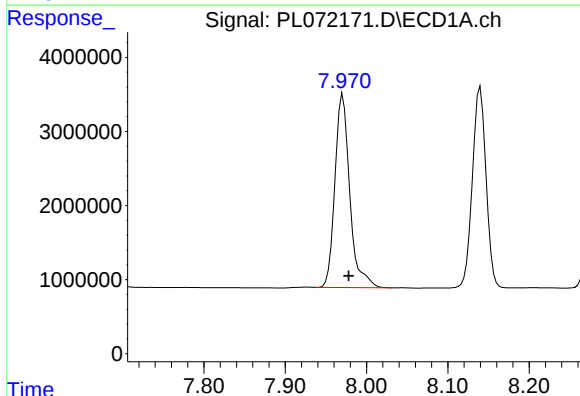
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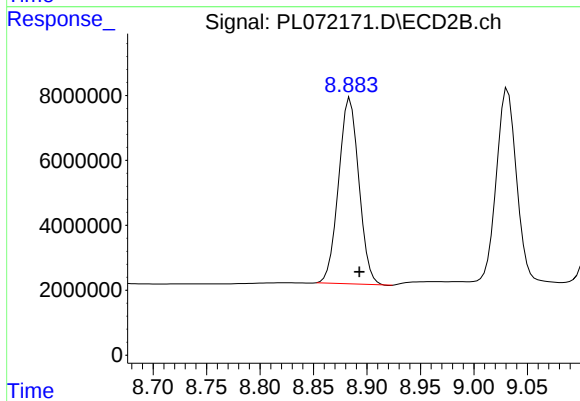
#13 Dieldrin

R.T.: 8.646 min
Delta R.T.: -0.008 min
Response: 94703367
Conc: 48.20 ng/ml



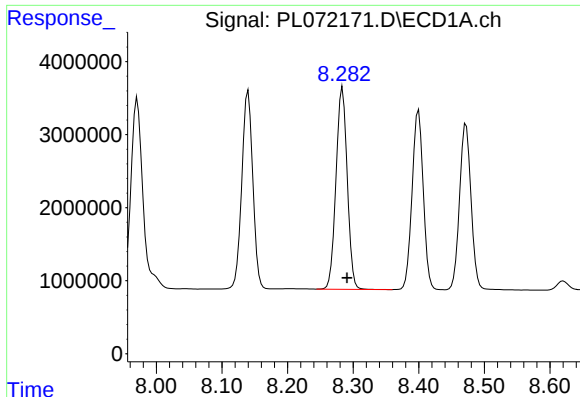
#14 Endrin

R.T.: 7.971 min
Delta R.T.: -0.007 min
Response: 33138973
Conc: 47.30 ng/ml



#14 Endrin

R.T.: 8.884 min
Delta R.T.: -0.009 min
Response: 75559316
Conc: 45.57 ng/ml



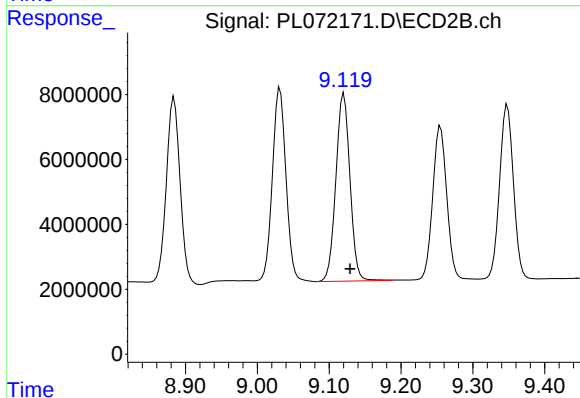
#15 Endosulfan II

R.T.: 8.284 min
Delta R.T.: -0.007 min
Response: 32910918
Conc: 44.26 ng/ml

Instrument :
ECD_L
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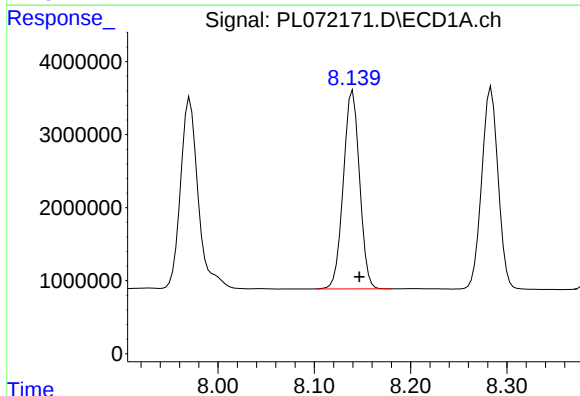
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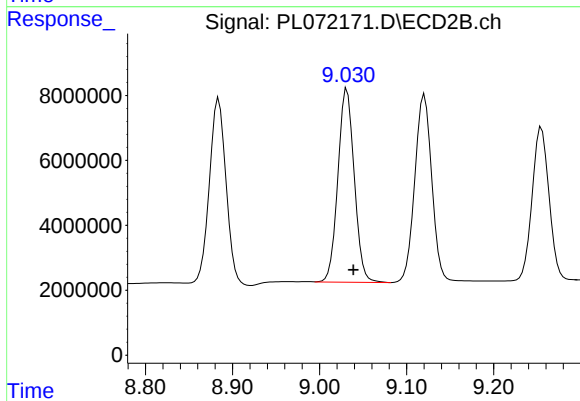
#15 Endosulfan II

R.T.: 9.120 min
Delta R.T.: -0.009 min
Response: 78610270
Conc: 45.84 ng/ml



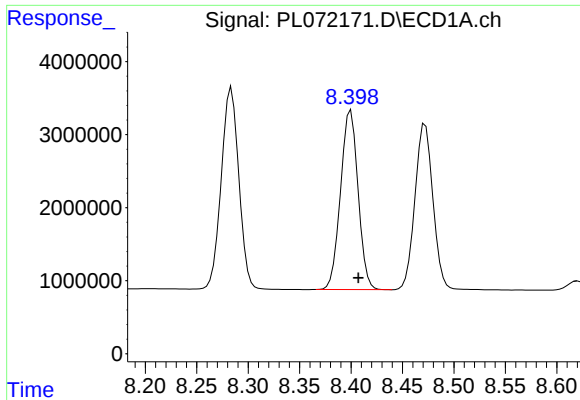
#16 4,4'-DDD

R.T.: 8.140 min
Delta R.T.: -0.007 min
Response: 31634408
Conc: 53.96 ng/ml



#16 4,4'-DDD

R.T.: 9.032 min
Delta R.T.: -0.007 min
Response: 77981532
Conc: 54.54 ng/ml



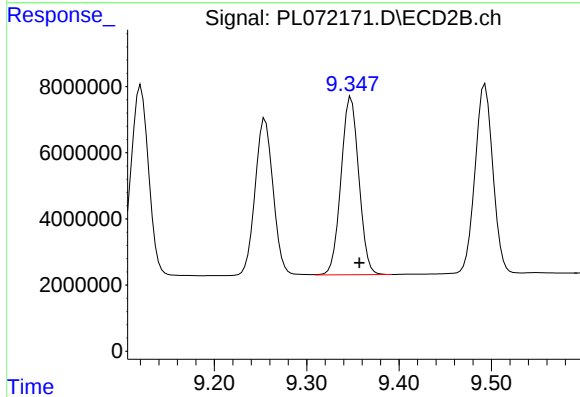
#17 4,4'-DDT

R.T.: 8.400 min
Delta R.T.: -0.007 min
Response: 29117194
Conc: 43.85 ng/ml

Instrument :
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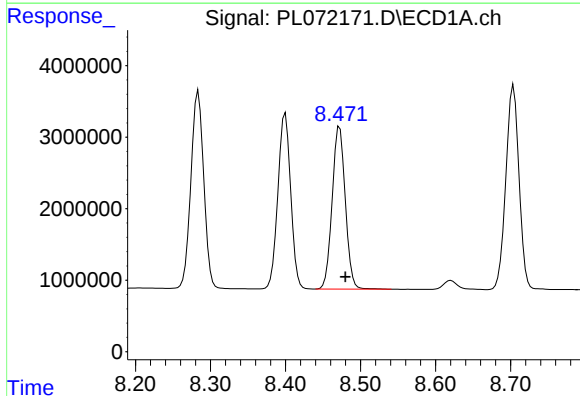
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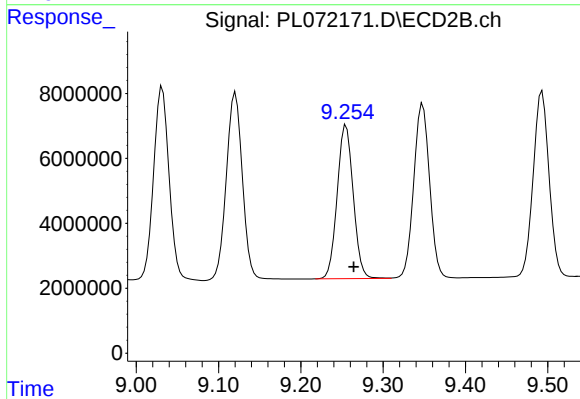
#17 4,4'-DDT

R.T.: 9.348 min
Delta R.T.: -0.009 min
Response: 72027151
Conc: 45.57 ng/ml



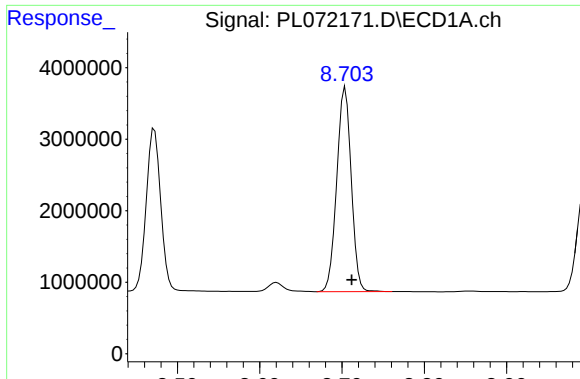
#18 Endrin aldehyde

R.T.: 8.472 min
Delta R.T.: -0.008 min
Response: 27684431
Conc: 48.59 ng/ml



#18 Endrin aldehyde

R.T.: 9.255 min
Delta R.T.: -0.009 min
Response: 64178992
Conc: 51.70 ng/ml



#19 Endosulfan Sulfate

R.T.: 8.704 min
Delta R.T.: -0.008 min
Response: 34922409
Conc: 47.63 ng/ml

Instrument :

ECD_L

ClientSampleId :

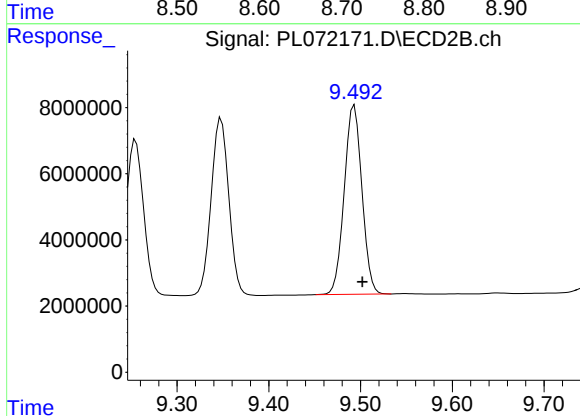
PB142178BSD

Manual Integrations

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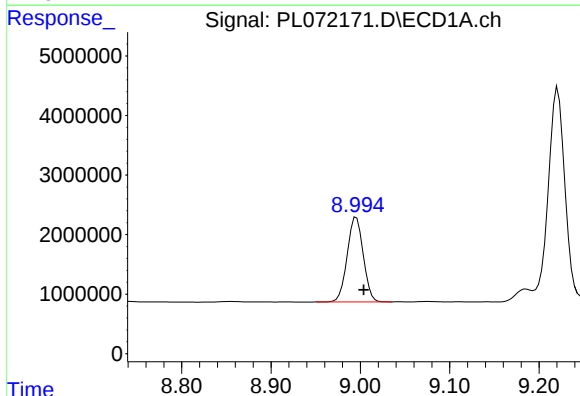
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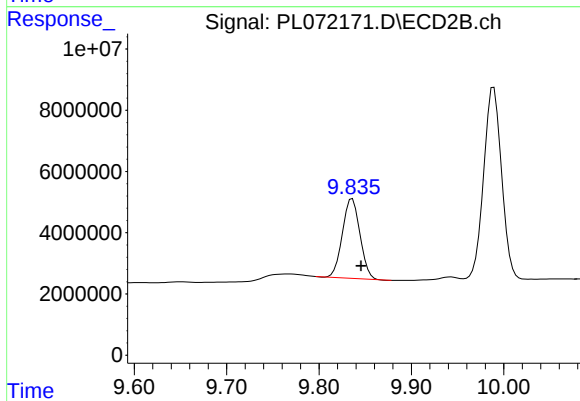
#19 Endosulfan Sulfate

R.T.: 9.493 min
Delta R.T.: -0.009 min
Response: 76461973
Conc: 48.98 ng/ml



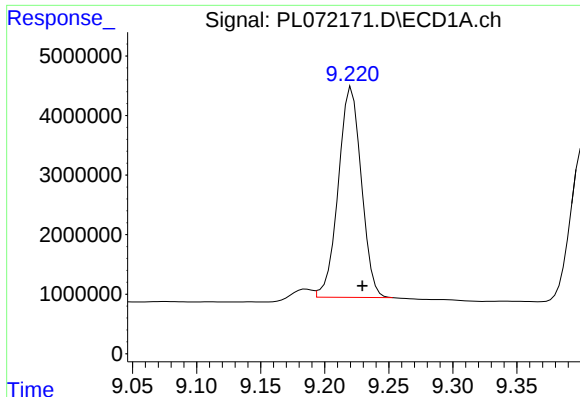
#20 Methoxychlor

R.T.: 8.996 min
Delta R.T.: -0.008 min
Response: 17761792
Conc: 42.10 ng/ml



#20 Methoxychlor

R.T.: 9.836 min
Delta R.T.: -0.009 min
Response: 34373484
Conc: 41.50 ng/ml



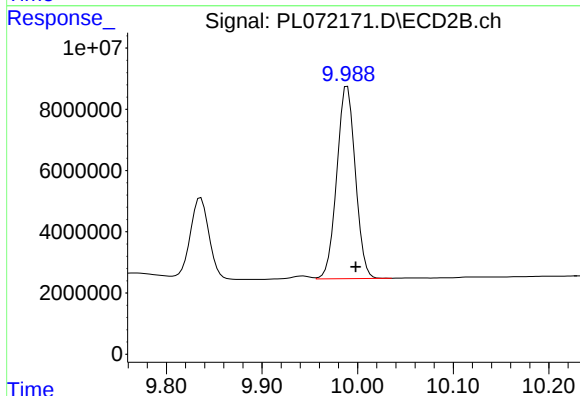
#21 Endrin ketone

R.T.: 9.220 min
Delta R.T.: -0.010 min
Response: 44049370
Conc: 52.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142178BSD

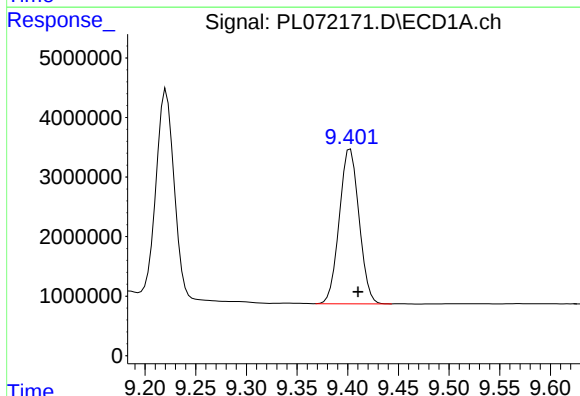
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/24/2022
Supervised By :Ankita Jodhani 01/25/2022



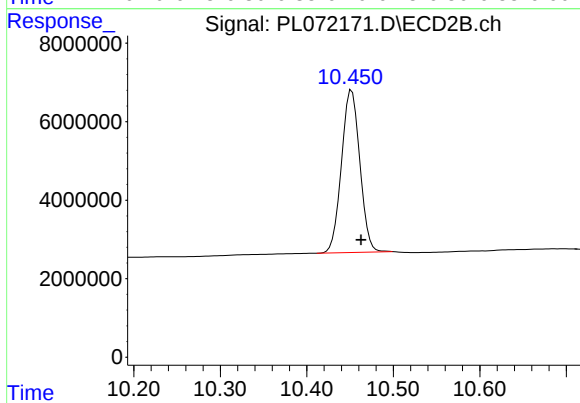
#21 Endrin ketone

R.T.: 9.989 min
Delta R.T.: -0.009 min
Response: 84700936
Conc: 51.18 ng/ml



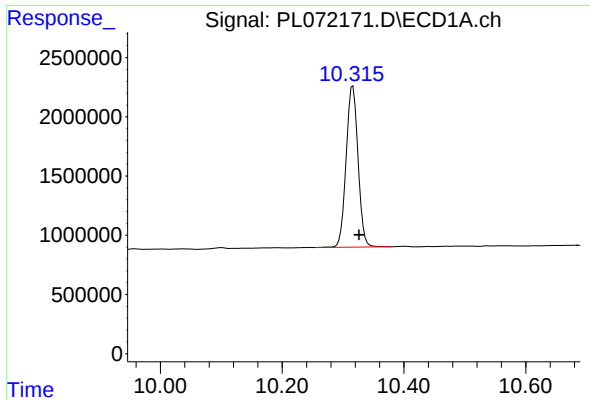
#22 Mirex

R.T.: 9.403 min
Delta R.T.: -0.008 min
Response: 35167555
Conc: 47.62 ng/ml



#22 Mirex

R.T.: 10.452 min
Delta R.T.: -0.011 min
Response: 60722024
Conc: 48.66 ng/ml



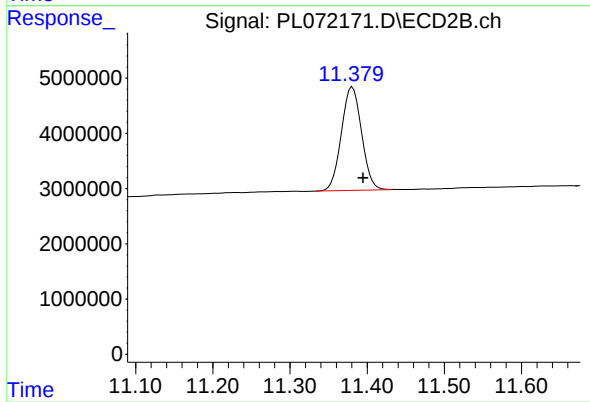
#28 Decachlorobiphenyl

R.T.: 10.316 min
Delta R.T.: -0.011 min
Response: 18454997
Conc: 20.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB142178BSD

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#28 Decachlorobiphenyl

R.T.: 11.381 min
Delta R.T.: -0.014 min
Response: 34119501
Conc: 21.15 ng/ml