

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030322\
 Data File : PL073113.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Mar 2022 10:17
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/04/2022
 Supervised By : Ankita Jodhani 03/04/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 04 03:56:04 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022622.M
 Quant Title : GC Extractables
 QLast Update : Mon Feb 28 02:28:04 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...	4.657	5.487	15005981	74101947	46.827	51.063
28)	SA Decachlor...	10.433	11.332	23362915	80207332	49.913	50.843
Target Compounds							
2)	A alpha-BHC	5.365	6.051	19721155	103.5E6	46.799	52.466
3)	MA gamma-BHC...	5.789	6.440	19816680	96927219	44.815	51.841
4)	MA Heptachlor	6.200	7.100	20502727	100.2E6	44.668m	50.112
5)	MB Aldrin	6.527	7.468	19834938	95753714	44.724	52.322
6)	B beta-BHC	6.168	6.676	9804131	44278204	44.023	49.101
7)	B delta-BHC	6.430	6.944	19949027	95994167	45.682	50.722
8)	B Heptachlo...	7.103	7.924	20384600	89491092	43.753	50.840
9)	A Endosulfan I	7.507	8.325	19320489	81913111	43.559	50.567
10)	B gamma-Chl...	7.381	8.193	20976349	91644246	44.171	51.321
11)	B alpha-Chl...	7.451	8.276	21047272	90578761	43.976	51.449
12)	B 4,4'-DDE	7.665	8.460	17537169	81742319	45.119	52.281
13)	MA Dieldrin	7.792	8.611	20327754	85011961	45.363	52.636
14)	MA Endrin	8.084	8.844	17984649	67131246	45.293	50.713m
15)	B Endosulfa...	8.394	9.069	19717183	73907015	45.460	53.406
16)	A 4,4'-DDD	8.250	8.987	16525447	68013527	47.449	51.144
17)	MA 4,4'-DDT	8.512	9.306	16971578	68495940	44.598	49.936
18)	B Endrin al...	8.582	9.202	13810315	52284769	43.018	48.048
19)	B Endosulfa...	8.814	9.439	20116675	72413171	45.763	51.074
20)	A Methoxychlor	9.107	9.785	11319981	38487528	45.322	49.160
21)	B Endrin ke...	9.332	9.927	24613232	79387388	49.647	54.144
22)	Mirex	9.522	10.404	23601314	68513586	41.830	46.653

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

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PSTDCCC050

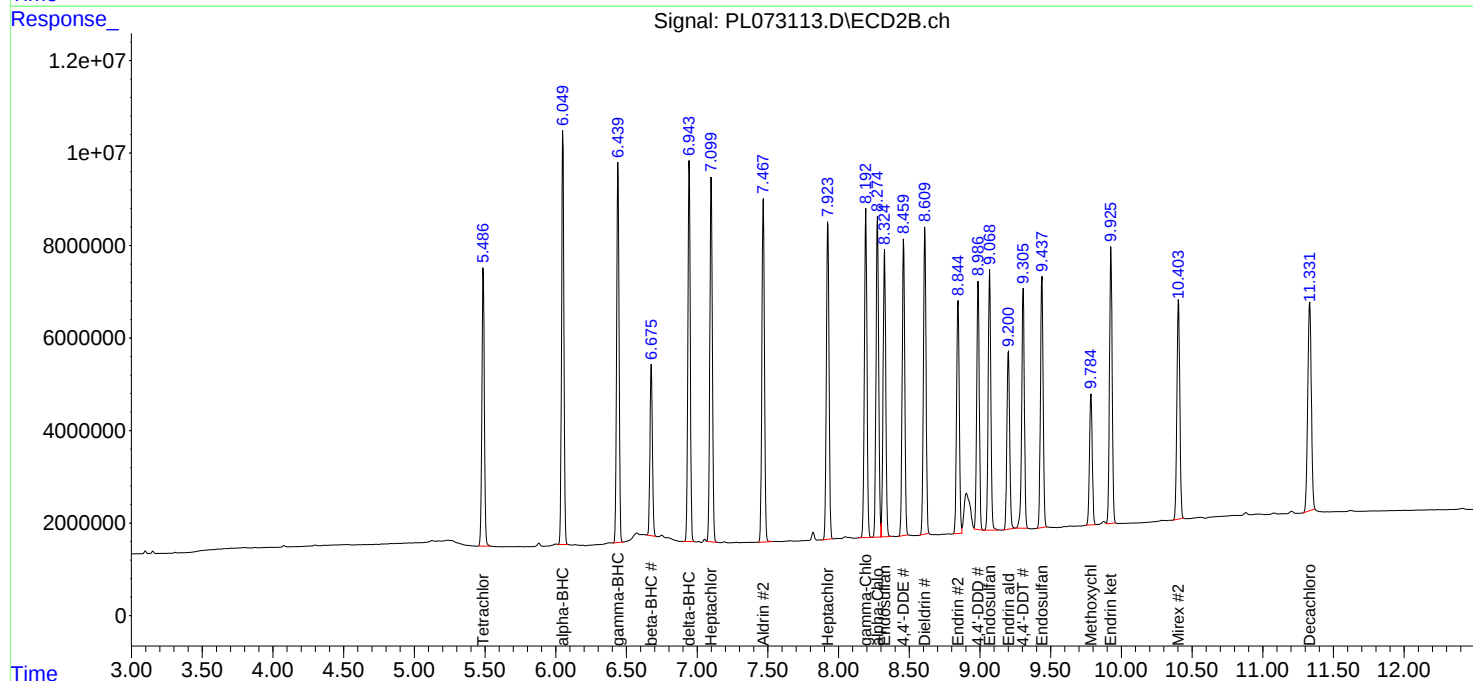
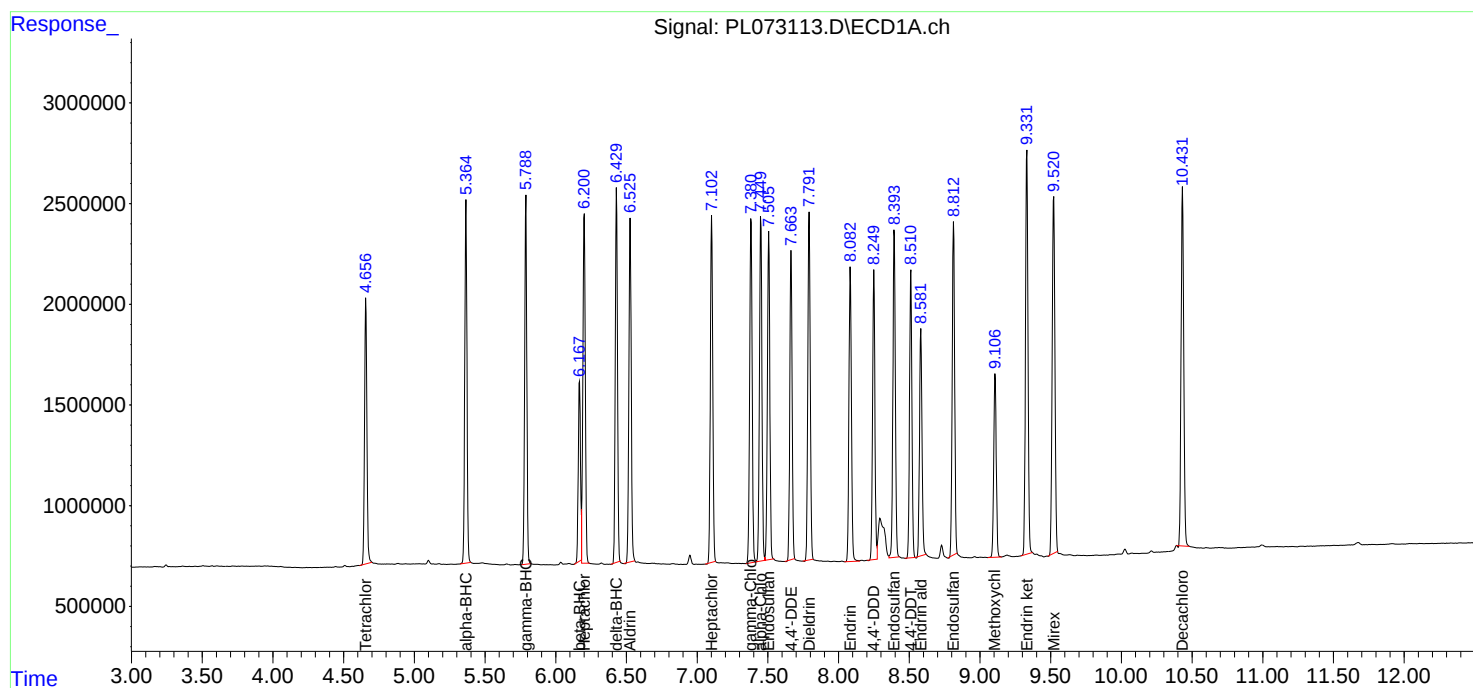
Manual Integrations

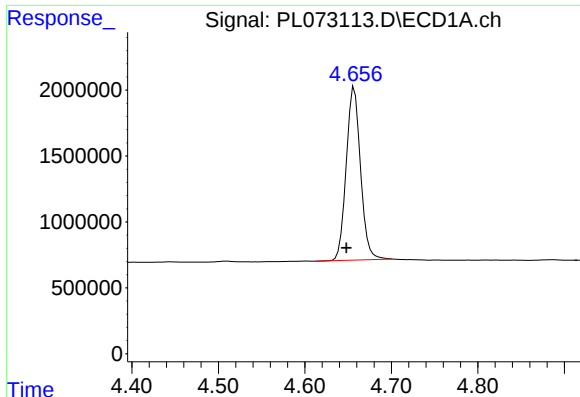
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 Supervised By :Ankita Jodhani 03/04/2022

Integration File signal 1: autoint1.e
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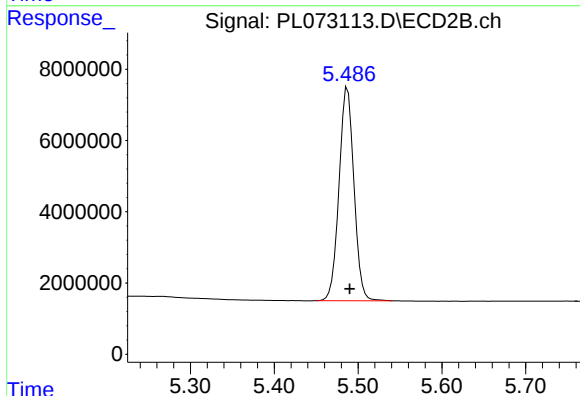
#1 Tetrachloro-m-xylene

R.T.: 4.657 min
Delta R.T.: 0.009 min
Response: 15005981
Conc: 46.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

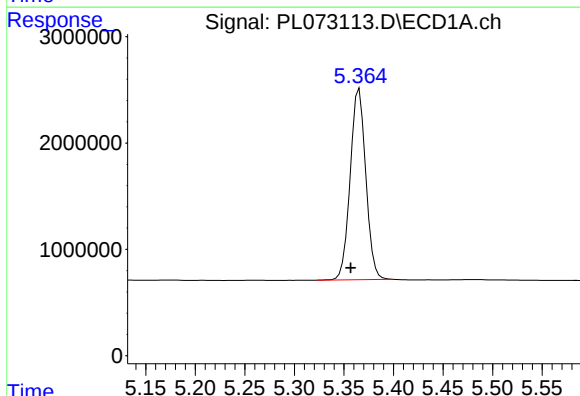
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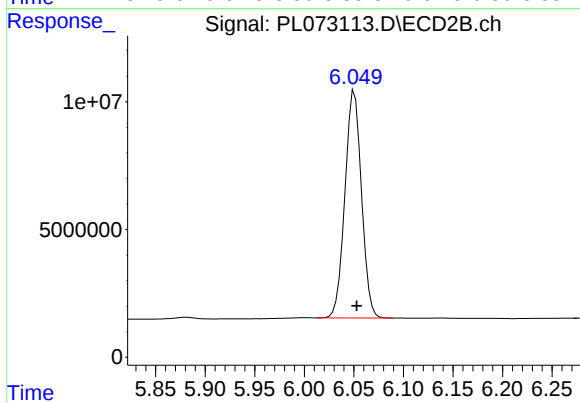
#1 Tetrachloro-m-xylene

R.T.: 5.487 min
Delta R.T.: -0.003 min
Response: 74101947
Conc: 51.06 ng/ml



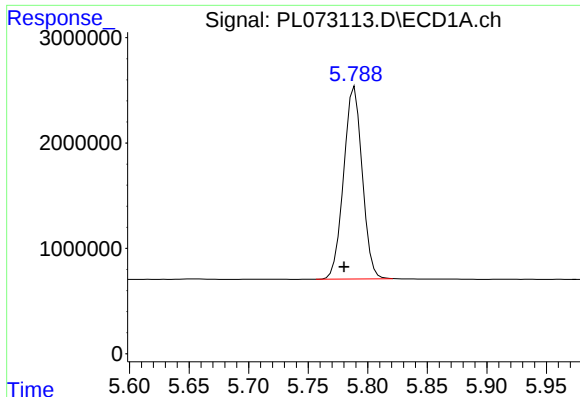
#2 alpha-BHC

R.T.: 5.365 min
Delta R.T.: 0.009 min
Response: 19721155
Conc: 46.80 ng/ml



#2 alpha-BHC

R.T.: 6.051 min
Delta R.T.: -0.002 min
Response: 103479804
Conc: 52.47 ng/ml



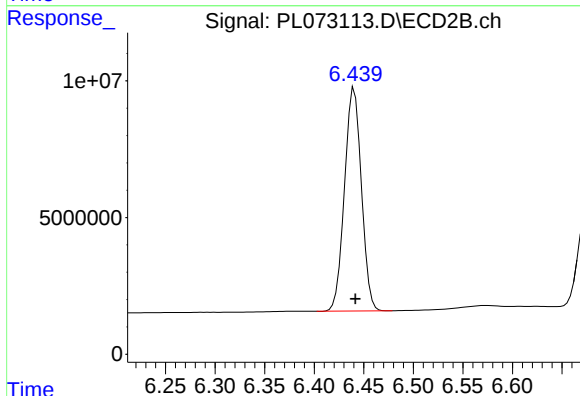
#3 gamma-BHC (Lindane)

R.T.: 5.789 min
Delta R.T.: 0.009 min
Response: 19816680
Conc: 44.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

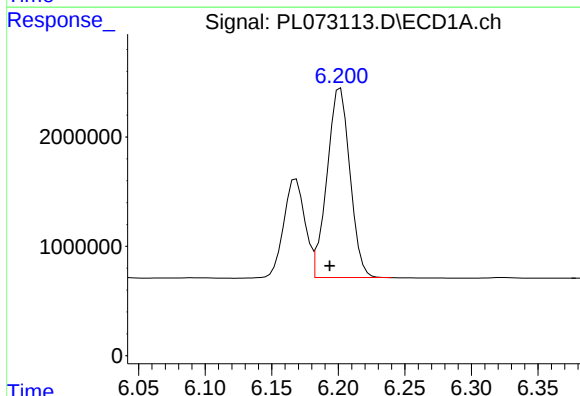
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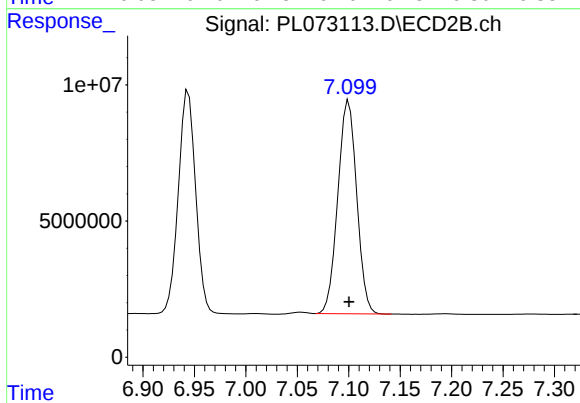
#3 gamma-BHC (Lindane)

R.T.: 6.440 min
Delta R.T.: -0.001 min
Response: 96927219
Conc: 51.84 ng/ml



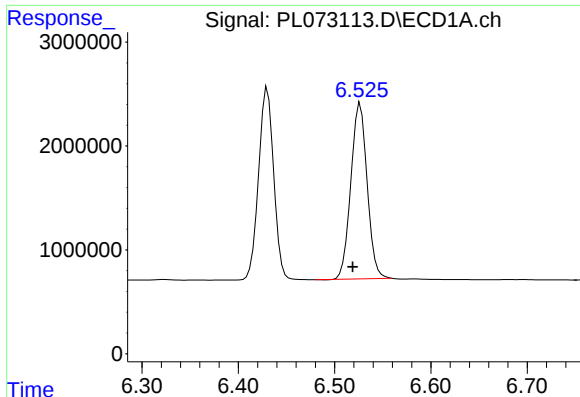
#4 Heptachlor

R.T.: 6.200 min
Delta R.T.: 0.007 min
Response: 20502727
Conc: 44.67 ng/ml m



#4 Heptachlor

R.T.: 7.100 min
Delta R.T.: 0.000 min
Response: 100172343
Conc: 50.11 ng/ml



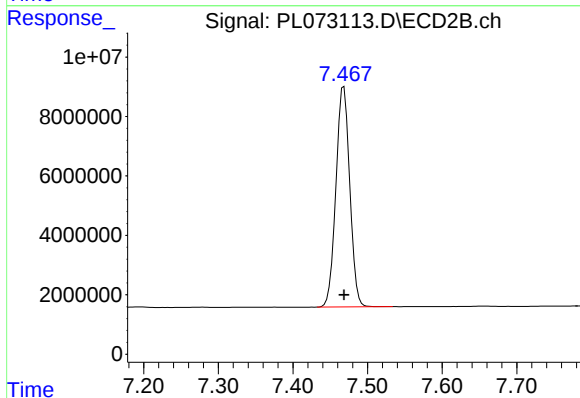
#5 Aldrin

R.T.: 6.527 min
Delta R.T.: 0.008 min
Response: 19834938
Conc: 44.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

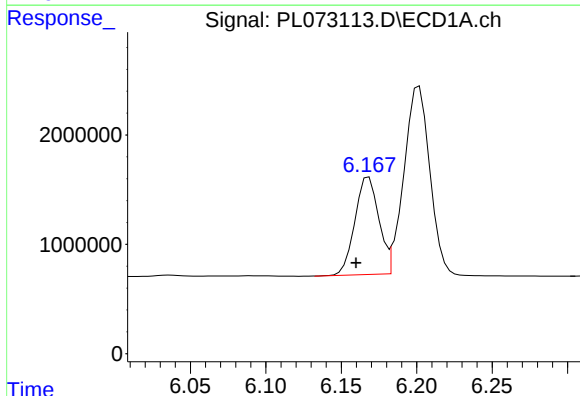
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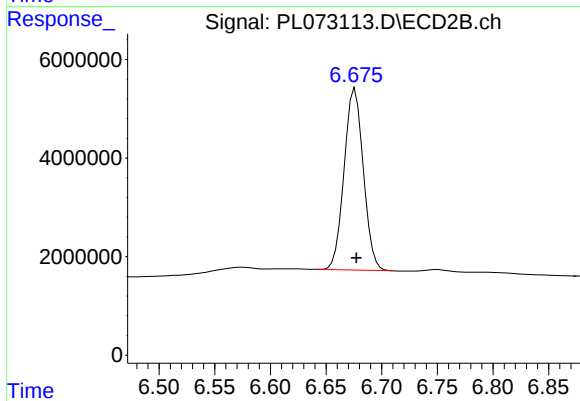
#5 Aldrin

R.T.: 7.468 min
Delta R.T.: 0.000 min
Response: 95753714
Conc: 52.32 ng/ml



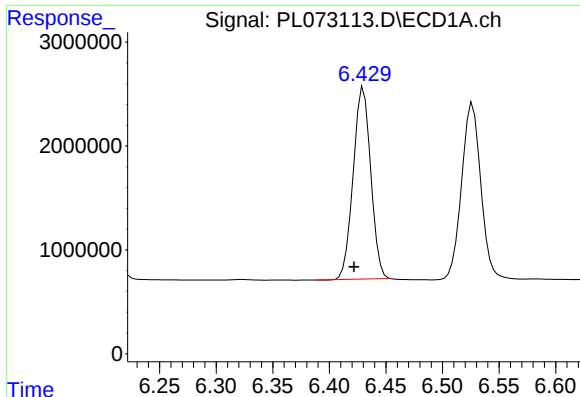
#6 beta-BHC

R.T.: 6.168 min
Delta R.T.: 0.009 min
Response: 9804131
Conc: 44.02 ng/ml



#6 beta-BHC

R.T.: 6.676 min
Delta R.T.: -0.001 min
Response: 44278204
Conc: 49.10 ng/ml



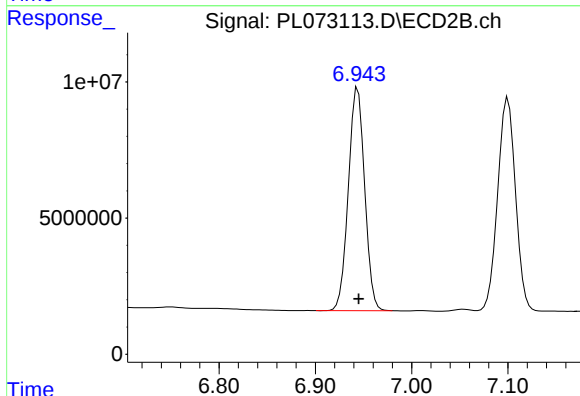
#7 delta-BHC

R.T.: 6.430 min
Delta R.T.: 0.008 min
Response: 19949027
Conc: 45.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

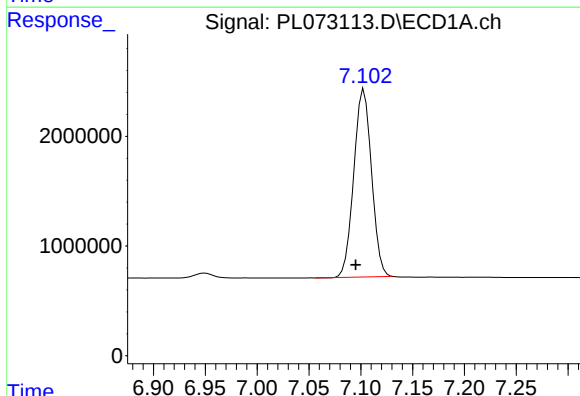
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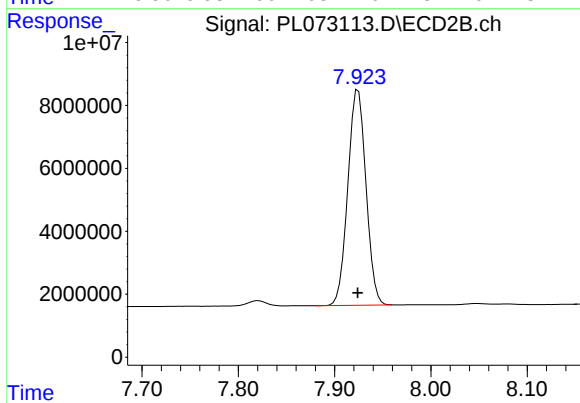
#7 delta-BHC

R.T.: 6.944 min
Delta R.T.: 0.000 min
Response: 95994167
Conc: 50.72 ng/ml



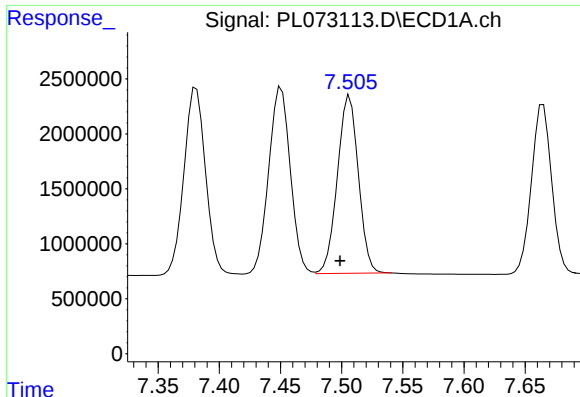
#8 Heptachlor epoxide

R.T.: 7.103 min
Delta R.T.: 0.008 min
Response: 20384600
Conc: 43.75 ng/ml



#8 Heptachlor epoxide

R.T.: 7.924 min
Delta R.T.: 0.000 min
Response: 89491092
Conc: 50.84 ng/ml



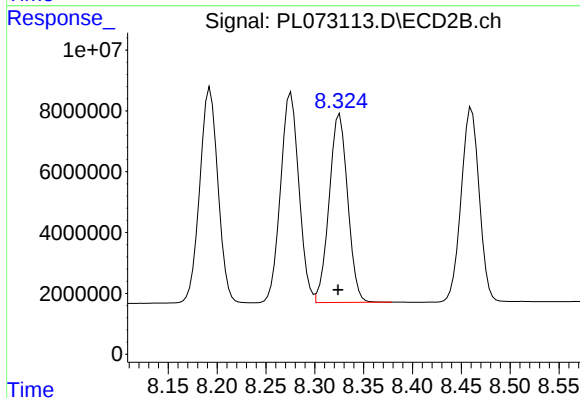
#9 Endosulfan I

R.T.: 7.507 min
Delta R.T.: 0.008 min
Response: 19320489
Conc: 43.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

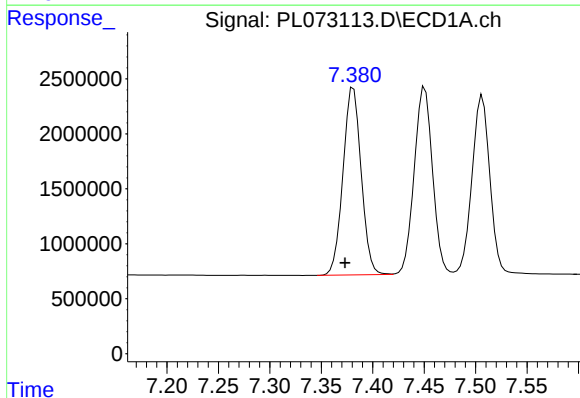
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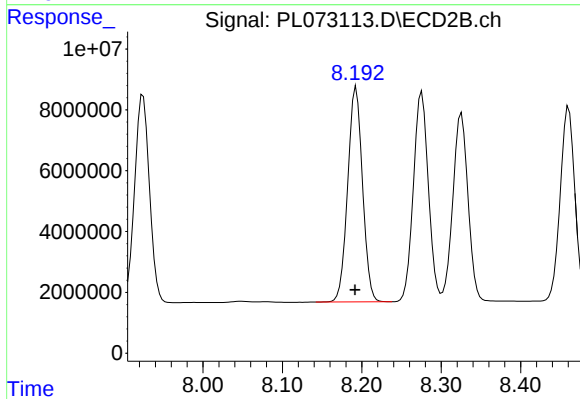
#9 Endosulfan I

R.T.: 8.325 min
Delta R.T.: 0.002 min
Response: 81913111
Conc: 50.57 ng/ml



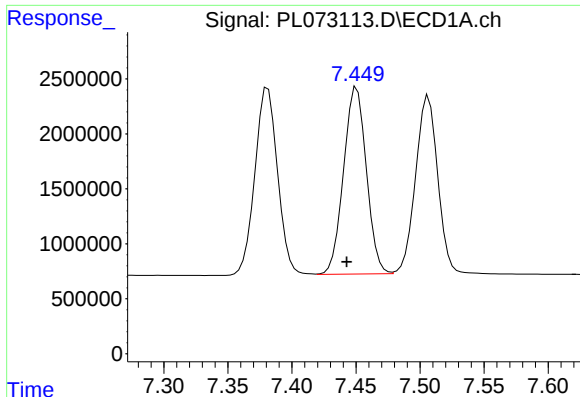
#10 gamma-Chlordane

R.T.: 7.381 min
Delta R.T.: 0.008 min
Response: 20976349
Conc: 44.17 ng/ml



#10 gamma-Chlordane

R.T.: 8.193 min
Delta R.T.: 0.001 min
Response: 91644246
Conc: 51.32 ng/ml



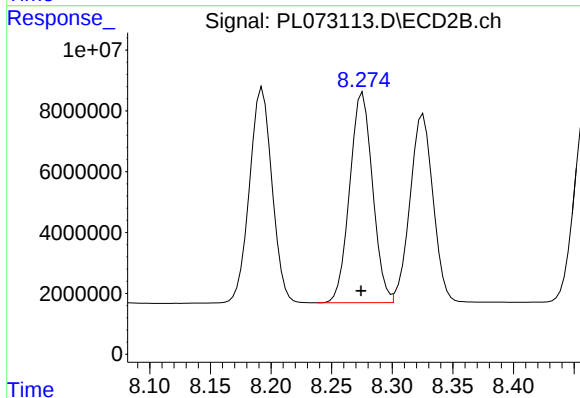
#11 alpha-Chlordane

R.T.: 7.451 min
Delta R.T.: 0.008 min
Response: 21047272
Conc: 43.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

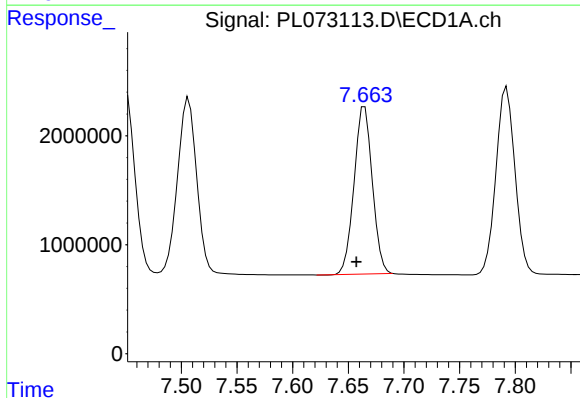
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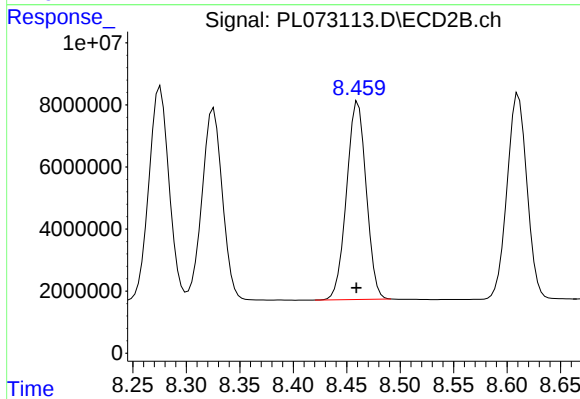
#11 alpha-Chlordane

R.T.: 8.276 min
Delta R.T.: 0.001 min
Response: 90578761
Conc: 51.45 ng/ml



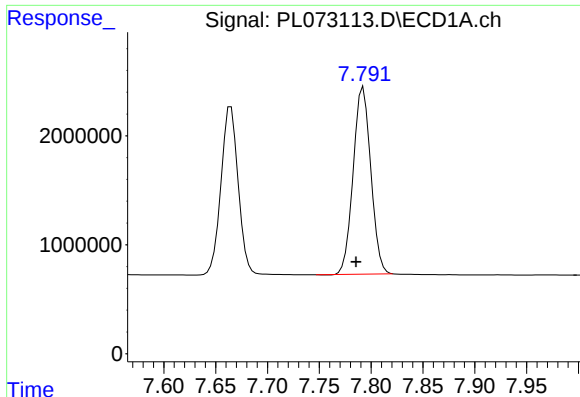
#12 4,4'-DDE

R.T.: 7.665 min
Delta R.T.: 0.007 min
Response: 17537169
Conc: 45.12 ng/ml



#12 4,4'-DDE

R.T.: 8.460 min
Delta R.T.: 0.001 min
Response: 81742319
Conc: 52.28 ng/ml



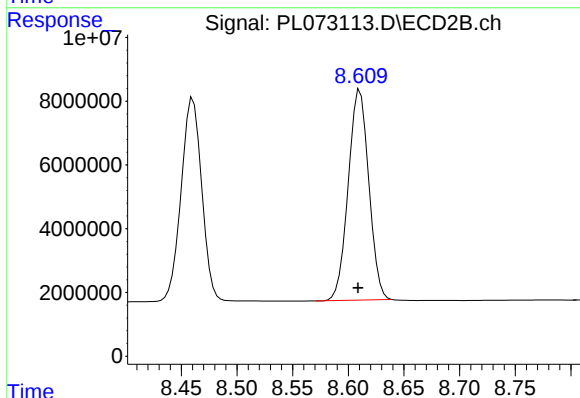
#13 Dieldrin

R.T.: 7.792 min
Delta R.T.: 0.007 min
Response: 20327754
Conc: 45.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
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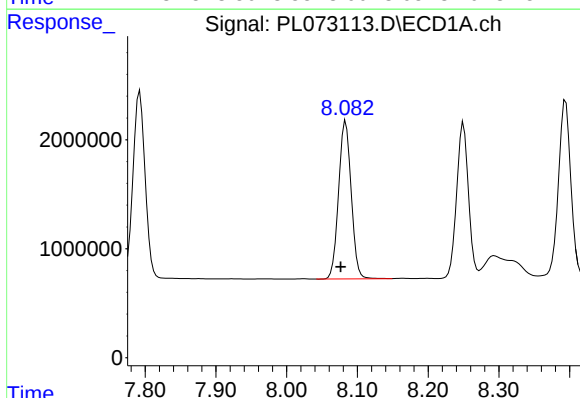
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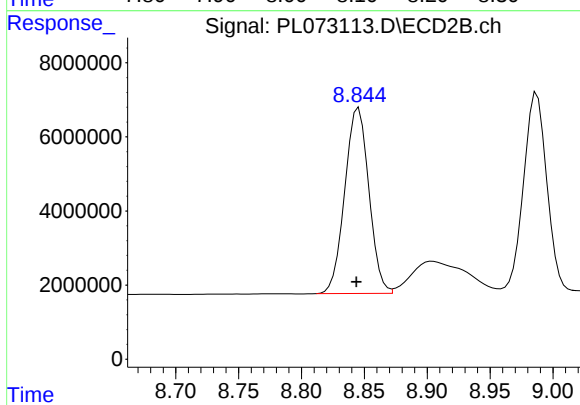
#13 Dieldrin

R.T.: 8.611 min
Delta R.T.: 0.002 min
Response: 85011961
Conc: 52.64 ng/ml



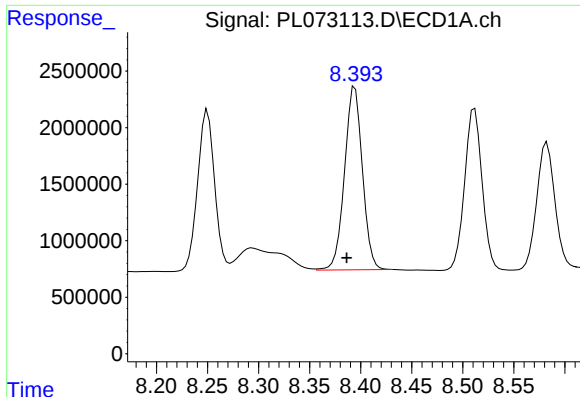
#14 Endrin

R.T.: 8.084 min
Delta R.T.: 0.007 min
Response: 17984649
Conc: 45.29 ng/ml



#14 Endrin

R.T.: 8.844 min
Delta R.T.: 0.000 min
Response: 67131246
Conc: 50.71 ng/ml m



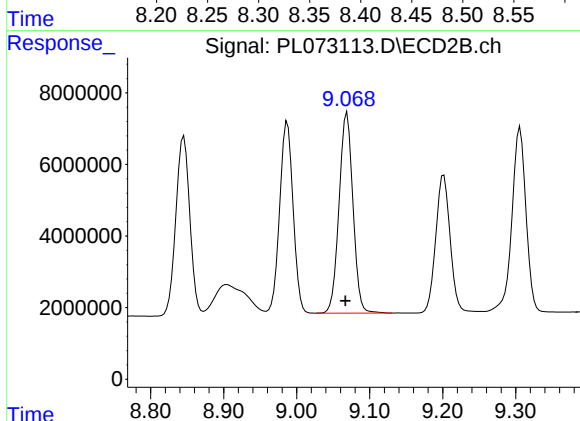
#15 Endosulfan II

R.T.: 8.394 min
Delta R.T.: 0.008 min
Response: 19717183
Conc: 45.46 ng/ml

Instrument :
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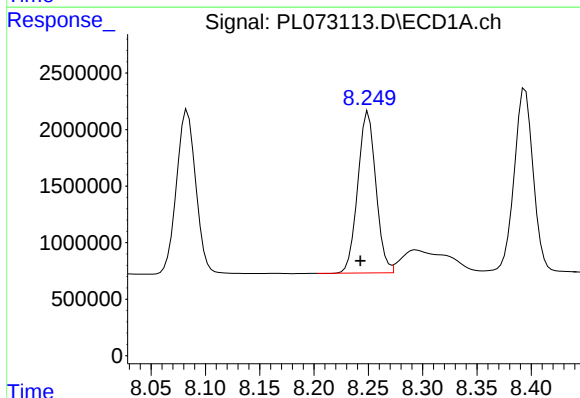
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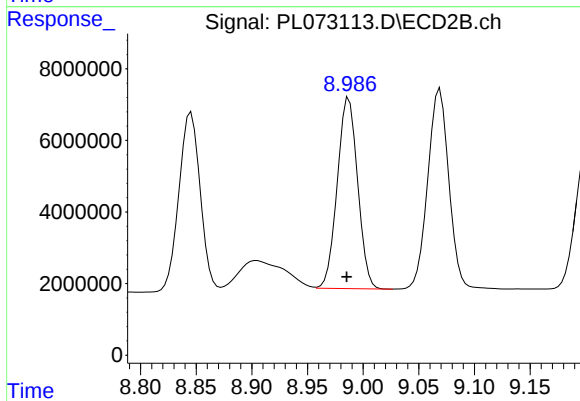
#15 Endosulfan II

R.T.: 9.069 min
Delta R.T.: 0.002 min
Response: 73907015
Conc: 53.41 ng/ml



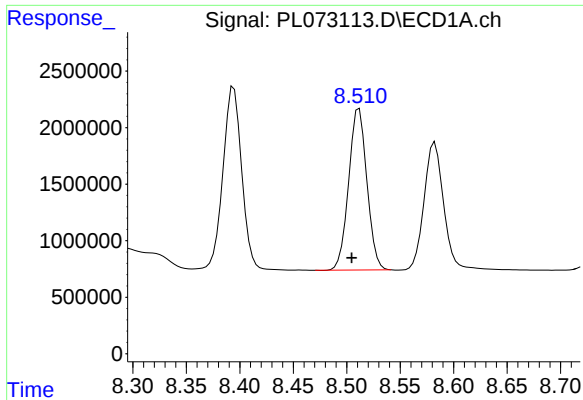
#16 4,4'-DDD

R.T.: 8.250 min
Delta R.T.: 0.007 min
Response: 16525447
Conc: 47.45 ng/ml



#16 4,4'-DDD

R.T.: 8.987 min
Delta R.T.: 0.002 min
Response: 68013527
Conc: 51.14 ng/ml



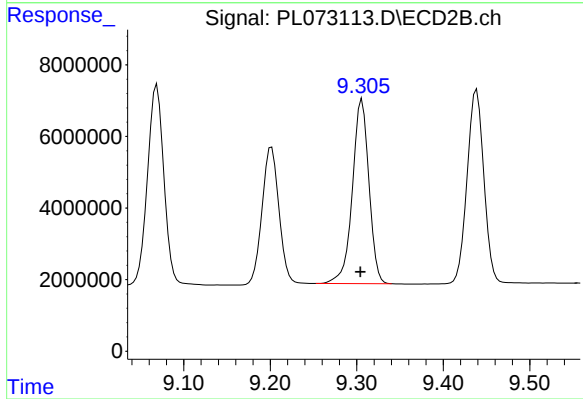
#17 4,4'-DDT

R.T.: 8.512 min
Delta R.T.: 0.007 min
Response: 16971578
Conc: 44.60 ng/ml

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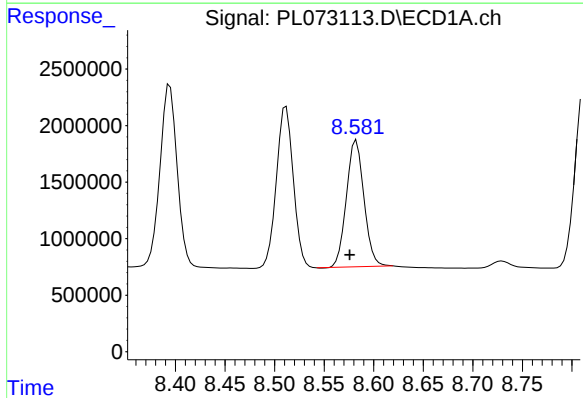
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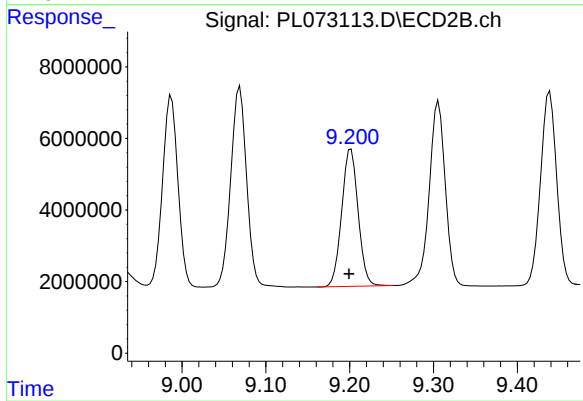
#17 4,4'-DDT

R.T.: 9.306 min
Delta R.T.: 0.002 min
Response: 68495940
Conc: 49.94 ng/ml



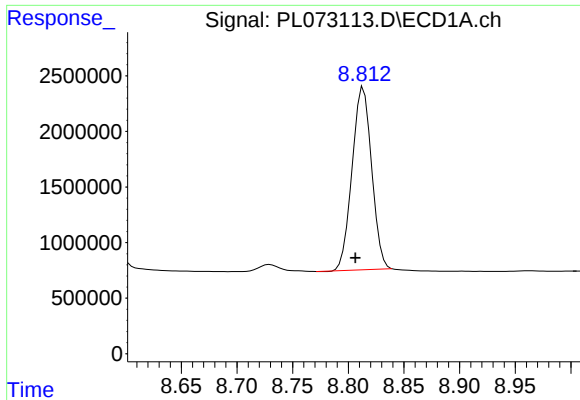
#18 Endrin aldehyde

R.T.: 8.582 min
Delta R.T.: 0.007 min
Response: 13810315
Conc: 43.02 ng/ml



#18 Endrin aldehyde

R.T.: 9.202 min
Delta R.T.: 0.002 min
Response: 52284769
Conc: 48.05 ng/ml



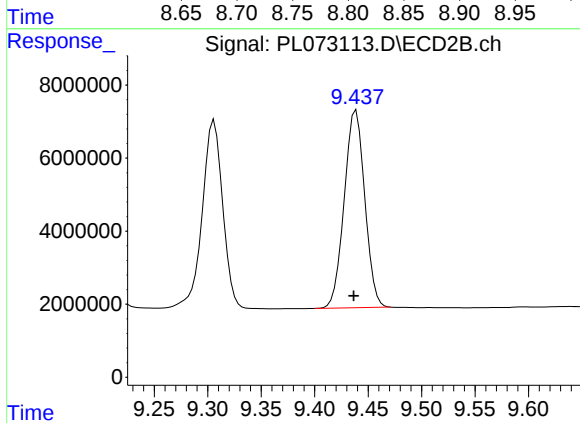
#19 Endosulfan Sulfate

R.T.: 8.814 min
Delta R.T.: 0.007 min
Response: 20116675
Conc: 45.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

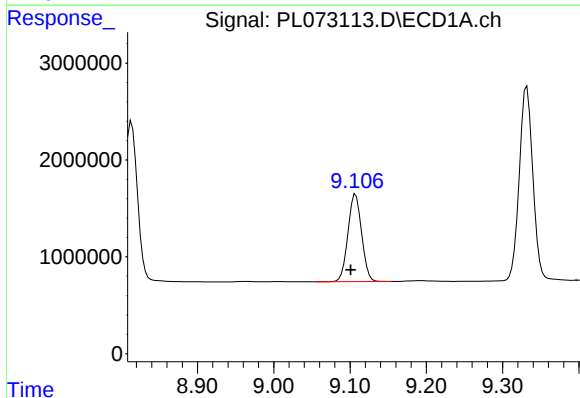
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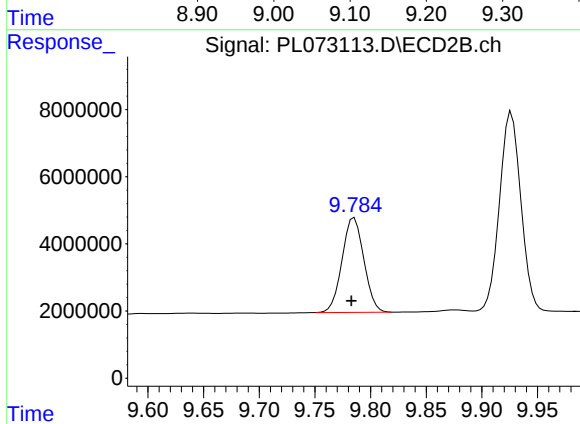
#19 Endosulfan Sulfate

R.T.: 9.439 min
Delta R.T.: 0.002 min
Response: 72413171
Conc: 51.07 ng/ml



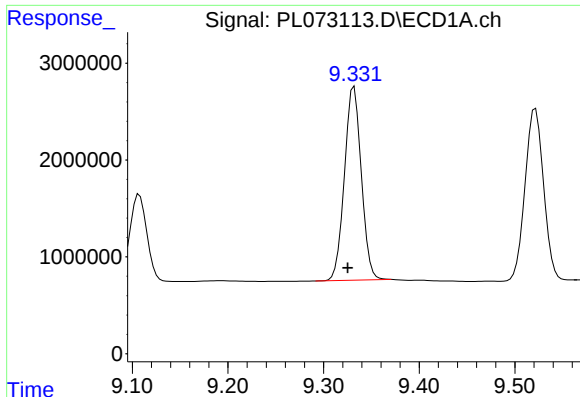
#20 Methoxychlor

R.T.: 9.107 min
Delta R.T.: 0.006 min
Response: 11319981
Conc: 45.32 ng/ml



#20 Methoxychlor

R.T.: 9.785 min
Delta R.T.: 0.003 min
Response: 38487528
Conc: 49.16 ng/ml



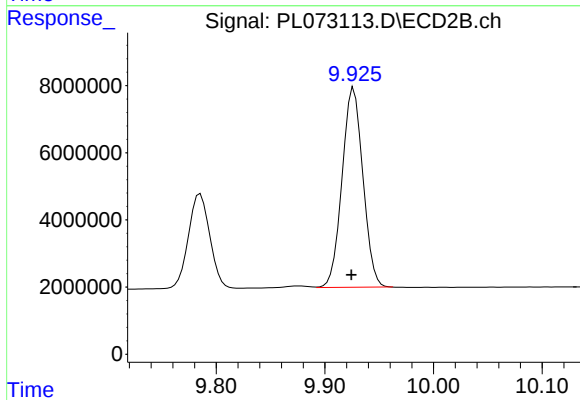
#21 Endrin ketone

R.T.: 9.332 min
Delta R.T.: 0.007 min
Response: 24613232
Conc: 49.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

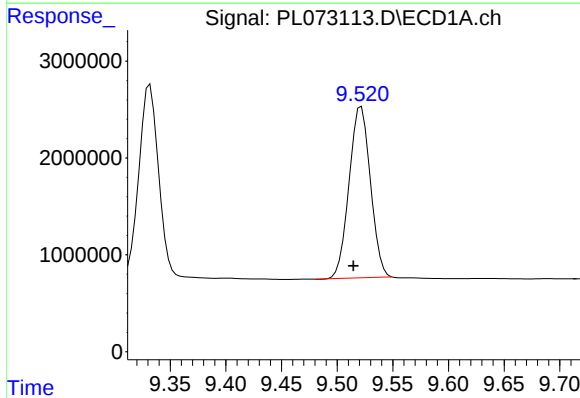
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APPROVED

Reviewed By :Abdul Mirza 03/04/2022
Supervised By :Ankita Jodhani 03/04/2022



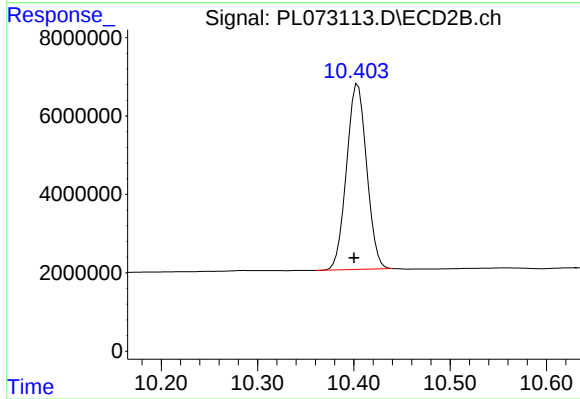
#21 Endrin ketone

R.T.: 9.927 min
Delta R.T.: 0.002 min
Response: 79387388
Conc: 54.14 ng/ml



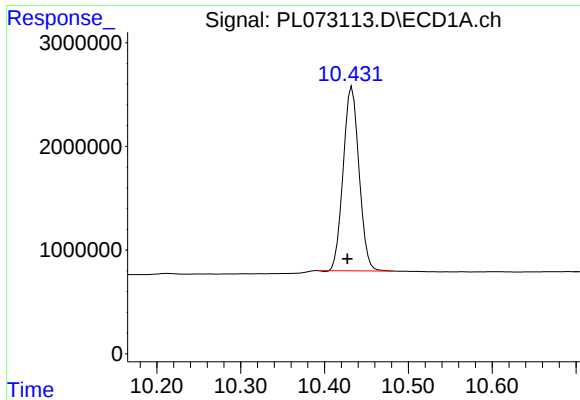
#22 Mirex

R.T.: 9.522 min
Delta R.T.: 0.007 min
Response: 23601314
Conc: 41.83 ng/ml



#22 Mirex

R.T.: 10.404 min
Delta R.T.: 0.004 min
Response: 68513586
Conc: 46.65 ng/ml



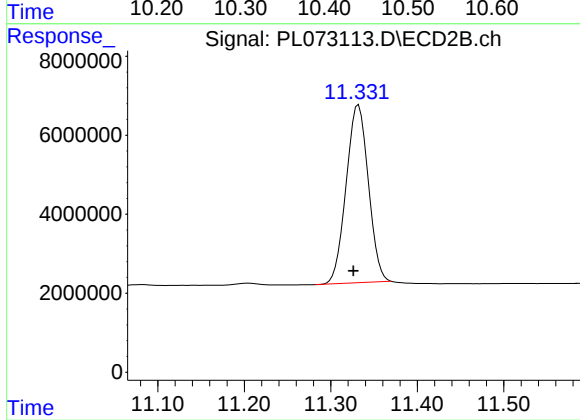
#28 Decachlorobiphenyl

R.T.: 10.433 min
Delta R.T.: 0.006 min
Response: 23362915
Conc: 49.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 11.332 min
Delta R.T.: 0.006 min
Response: 80207332
Conc: 50.84 ng/ml