

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040822\
 Data File : PL073899.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Apr 2022 15:42
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/09/2022
 Supervised By :mohammad ahmed 04/11/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 08 17:03:12 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 08 15:48:40 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...	4.639	5.489	16950559	94452325	52.461	52.975
2) SA Decachlor...	10.414	11.334	26714792	93633519	51.372	53.011
Target Compounds						
2) A alpha-BHC	5.348	6.052	22291848	137.8E6	53.119	54.726
3) MA gamma-BHC...	5.771	6.442	22063856	128.0E6	52.608	54.084
4) MA Heptachlor	6.183	7.101	23652671	139.0E6	52.508	53.298
5) MB Aldrin	6.508	7.469	21697040	125.6E6	52.276	53.489
6) B beta-BHC	6.152	6.678	10903503	58373331	53.363	51.794
7) B delta-BHC	6.414	6.946	21921249	127.6E6	52.992	52.248
8) B Heptachlo...	7.085	7.926	22247041	120.4E6	51.865	53.493
9) A Endosulfan I	7.489	8.326	21276627	106.0E6	51.879	53.834
10) B gamma-Chl...	7.363	8.192	22603409	117.2E6	51.537	52.554m
11) B alpha-Chl...	7.433	8.275	22844433	115.8E6	51.711	53.783m
12) B 4,4'-DDE	7.646	8.461	19095053	105.6E6	52.341	53.023
13) MA Dieldrin	7.775	8.612	22394284	106.2E6	52.132	52.936
14) MA Endrin	8.066	8.845	21165309	92540805	52.101	54.639m
15) B Endosulfa...	8.376	9.069	20594615	85246738	49.968	49.070m
16) A 4,4'-DDD	8.232	8.987	17004317	82694712	52.657	53.747m
17) MA 4,4'-DDT	8.493	9.308	19522493	91865056	52.815	51.823
18) B Endrin al...	8.565	9.203	16464696	67800668	50.887	52.493
19) B Endosulfa...	8.796	9.441	22016627	86389054	51.559	51.906
20) A Methoxychlor	9.089	9.788	12937181	51298251	52.110	53.333
21) B Endrin ke...	9.315	9.930	25562467	90988502	52.323	52.566
22) Mirex	9.503	10.406	23736280	70915412	50.892	51.485

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040822\
 Data File : PL073899.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Apr 2022 15:42
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

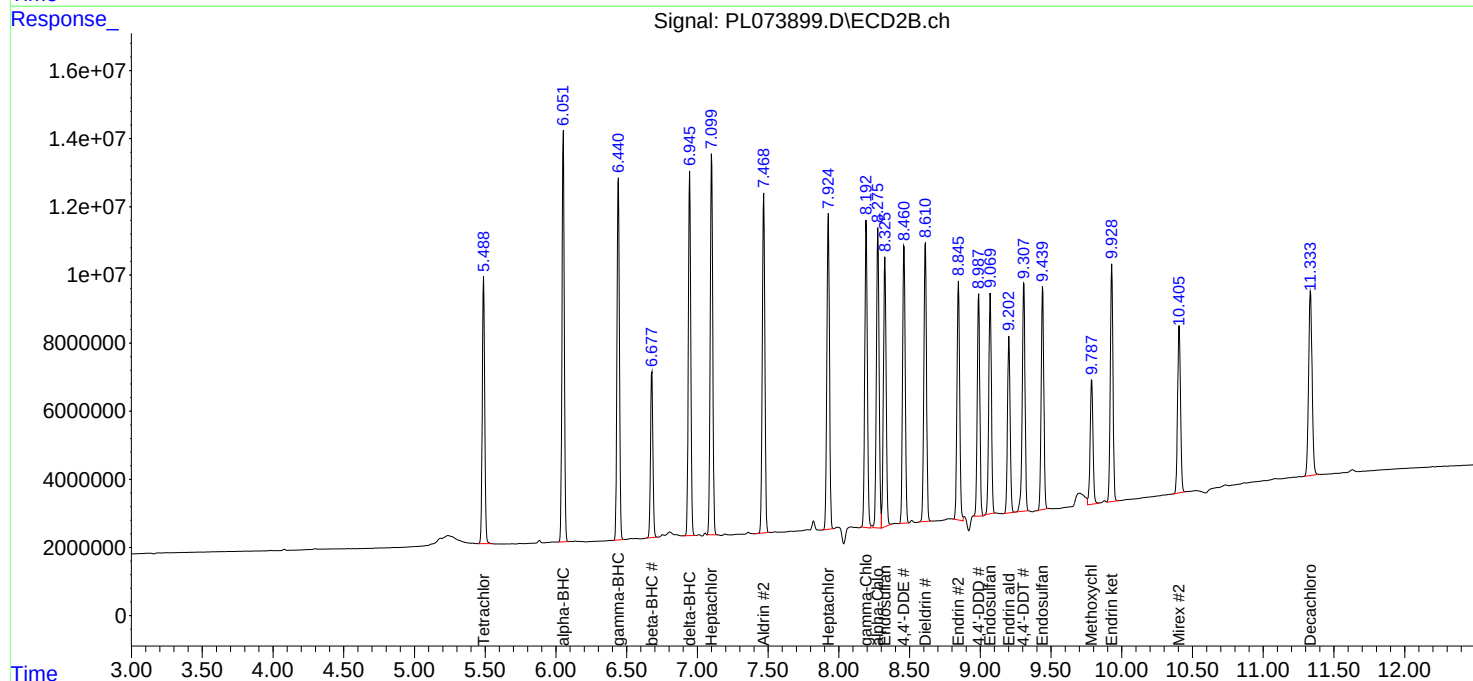
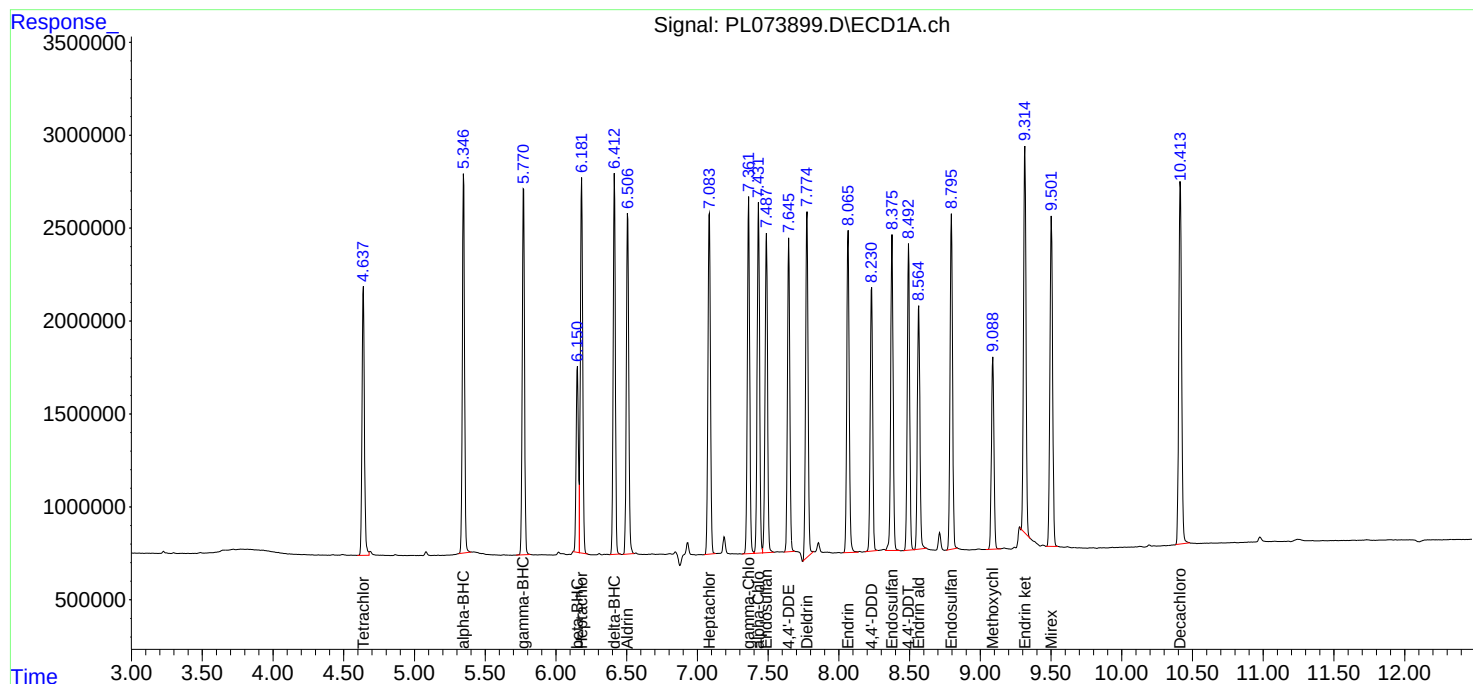
APPROVED

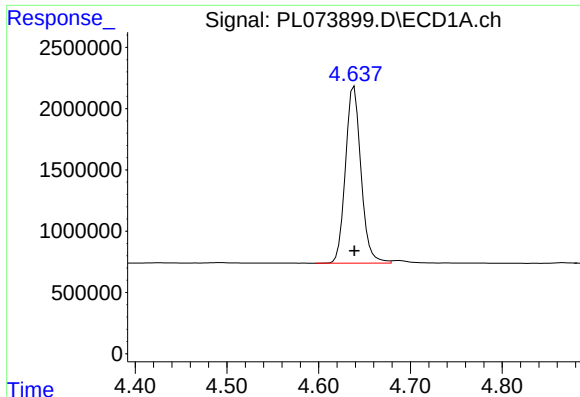
Reviewed By :Abdul Mirza 04/09/2022

Supervised By :mohammad ahmed 04/11/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 08 17:03:12 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
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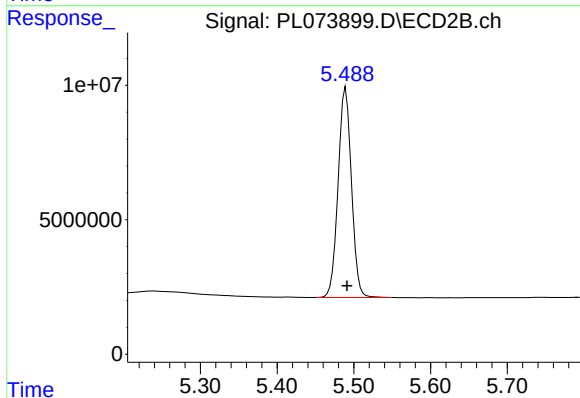
#1 Tetrachloro-m-xylene

R.T.: 4.639 min
Delta R.T.: 0.000 min
Response: 16950559
Conc: 52.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

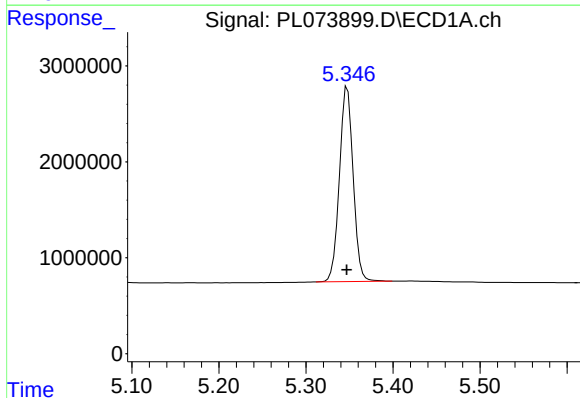
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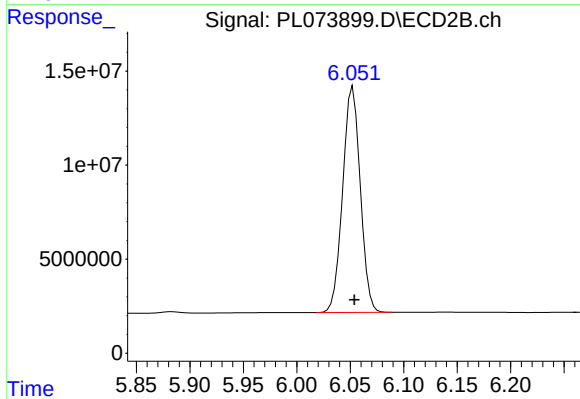
#1 Tetrachloro-m-xylene

R.T.: 5.489 min
Delta R.T.: -0.002 min
Response: 94452325
Conc: 52.97 ng/ml



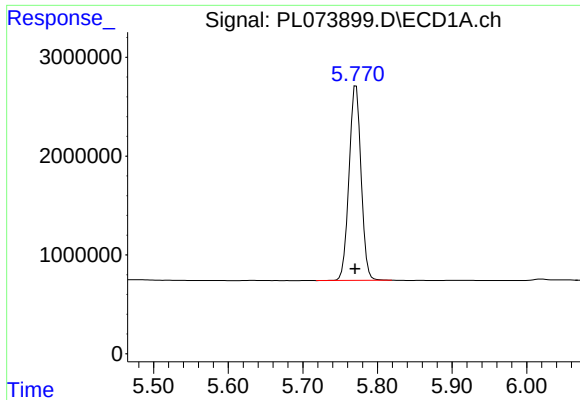
#2 alpha-BHC

R.T.: 5.348 min
Delta R.T.: 0.000 min
Response: 22291848
Conc: 53.12 ng/ml



#2 alpha-BHC

R.T.: 6.052 min
Delta R.T.: -0.001 min
Response: 137805229
Conc: 54.73 ng/ml



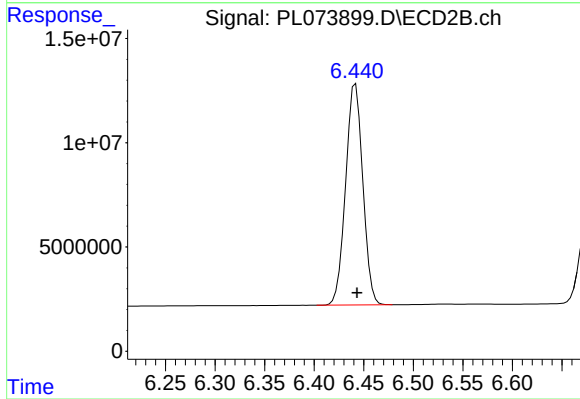
#3 gamma-BHC (Lindane)

R.T.: 5.771 min
Delta R.T.: 0.001 min
Response: 22063856
Conc: 52.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

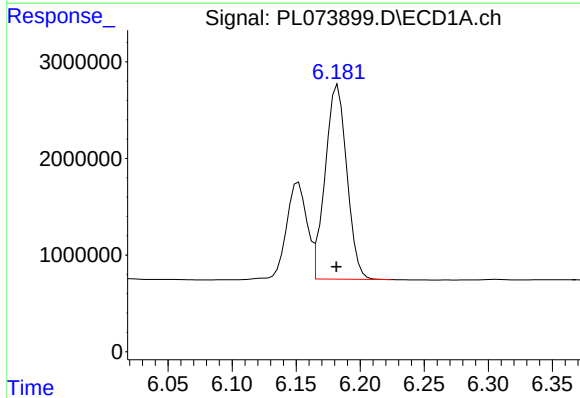
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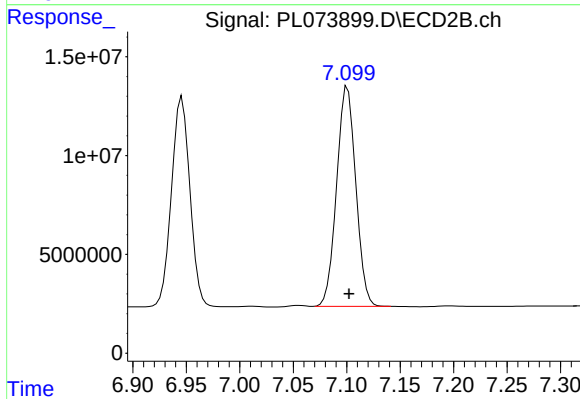
#3 gamma-BHC (Lindane)

R.T.: 6.442 min
Delta R.T.: -0.001 min
Response: 128023718
Conc: 54.08 ng/ml



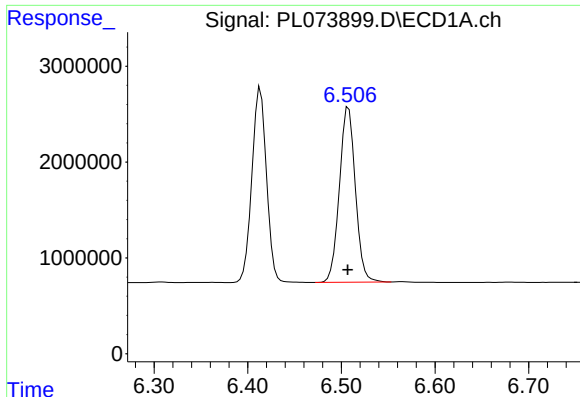
#4 Heptachlor

R.T.: 6.183 min
Delta R.T.: 0.001 min
Response: 23652671
Conc: 52.51 ng/ml



#4 Heptachlor

R.T.: 7.101 min
Delta R.T.: -0.001 min
Response: 139024698
Conc: 53.30 ng/ml



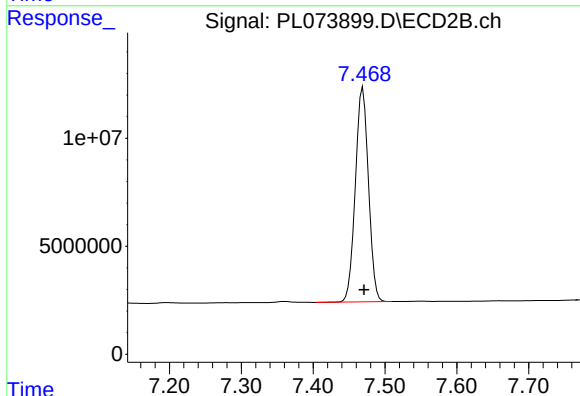
#5 Aldrin

R.T.: 6.508 min
Delta R.T.: 0.001 min
Response: 21697040
Conc: 52.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

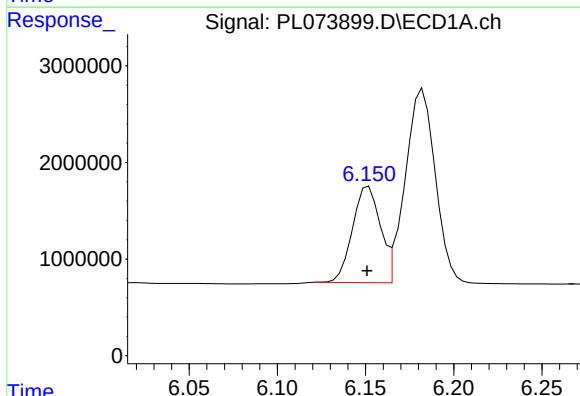
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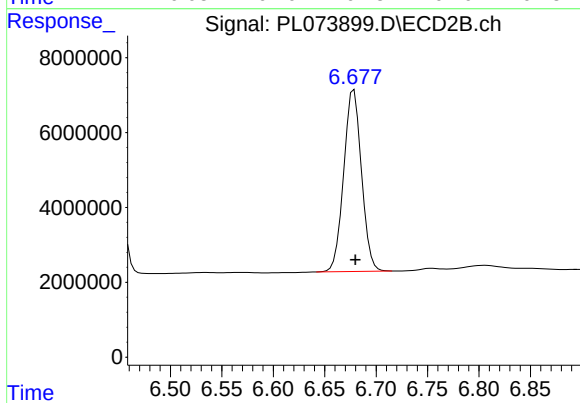
#5 Aldrin

R.T.: 7.469 min
Delta R.T.: -0.002 min
Response: 125625299
Conc: 53.49 ng/ml



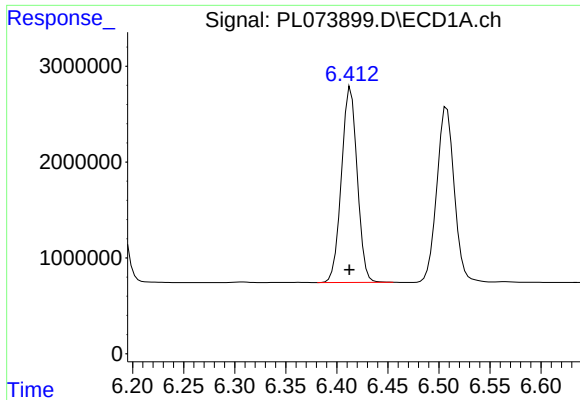
#6 beta-BHC

R.T.: 6.152 min
Delta R.T.: 0.000 min
Response: 10903503
Conc: 53.36 ng/ml



#6 beta-BHC

R.T.: 6.678 min
Delta R.T.: -0.001 min
Response: 58373331
Conc: 51.79 ng/ml



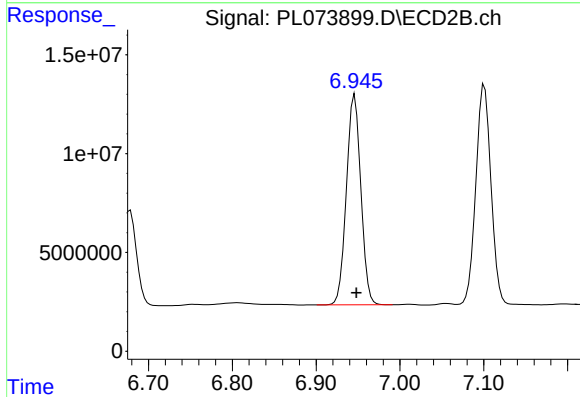
#7 delta-BHC

R.T.: 6.414 min
Delta R.T.: 0.001 min
Response: 21921249
Conc: 52.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

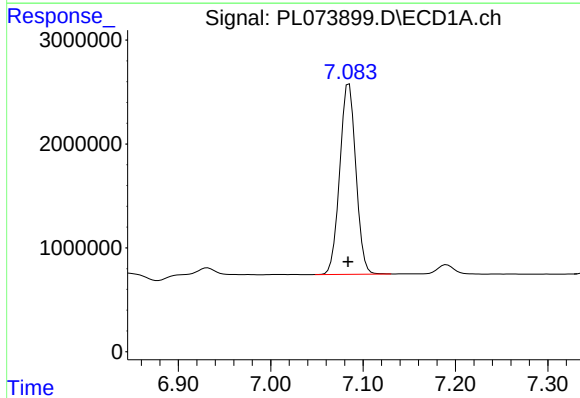
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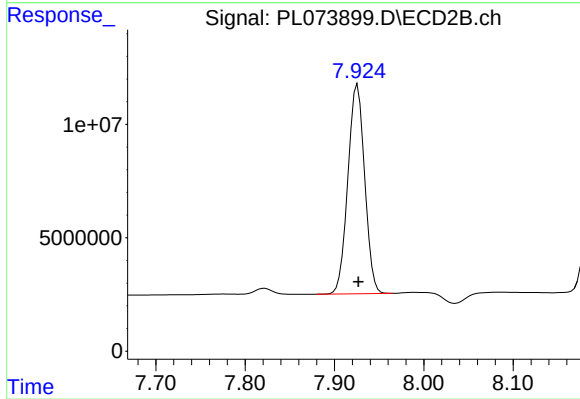
#7 delta-BHC

R.T.: 6.946 min
Delta R.T.: -0.002 min
Response: 127604177
Conc: 52.25 ng/ml



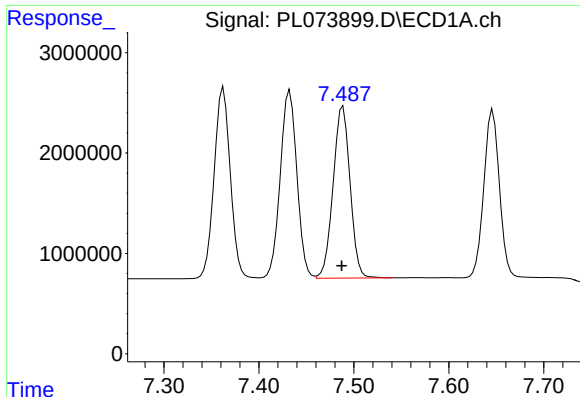
#8 Heptachlor epoxide

R.T.: 7.085 min
Delta R.T.: 0.001 min
Response: 22247041
Conc: 51.87 ng/ml



#8 Heptachlor epoxide

R.T.: 7.926 min
Delta R.T.: 0.000 min
Response: 120443654
Conc: 53.49 ng/ml



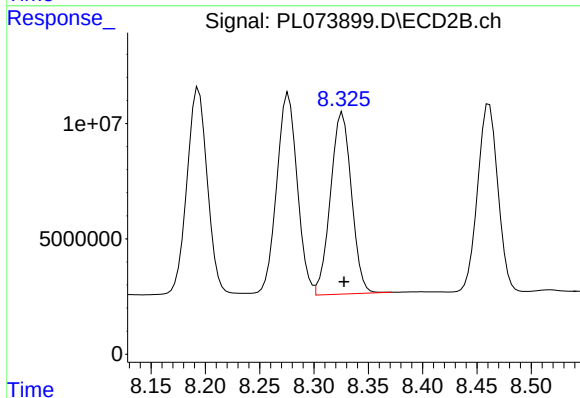
#9 Endosulfan I

R.T.: 7.489 min
Delta R.T.: 0.001 min
Response: 21276627
Conc: 51.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

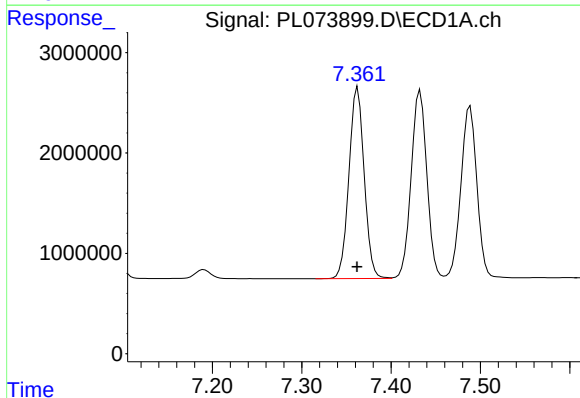
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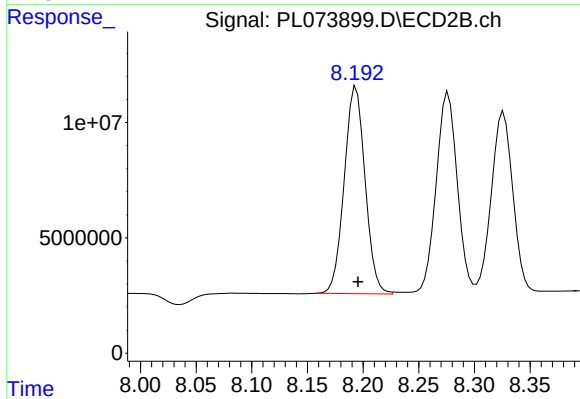
#9 Endosulfan I

R.T.: 8.326 min
Delta R.T.: -0.001 min
Response: 105980206
Conc: 53.83 ng/ml



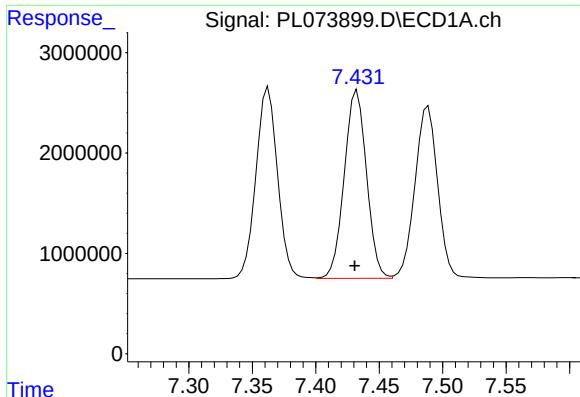
#10 gamma-Chlordane

R.T.: 7.363 min
Delta R.T.: 0.000 min
Response: 22603409
Conc: 51.54 ng/ml



#10 gamma-Chlordane

R.T.: 8.192 min
Delta R.T.: -0.003 min
Response: 117213276
Conc: 52.55 ng/ml m



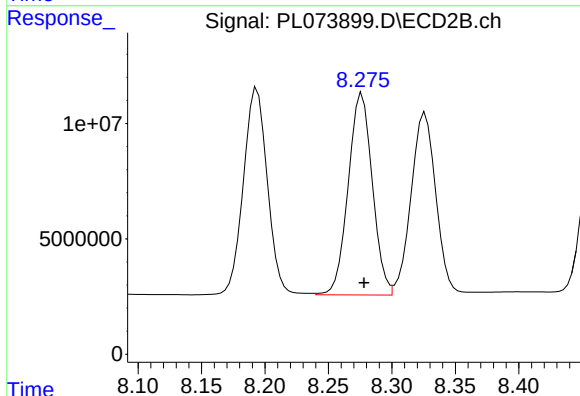
#11 alpha-Chlordane

R.T.: 7.433 min
Delta R.T.: 0.002 min
Response: 22844433
Conc: 51.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

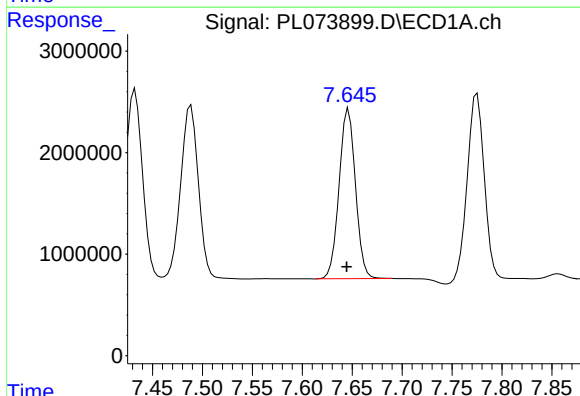
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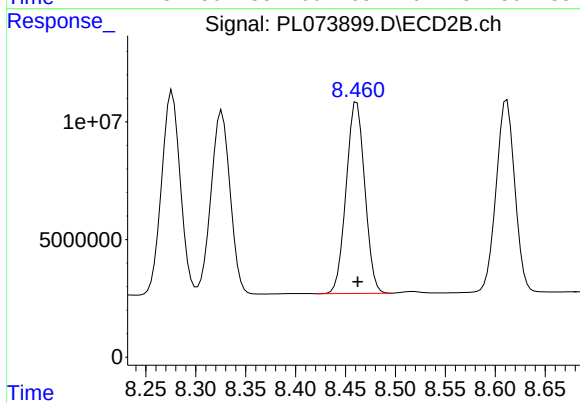
#11 alpha-Chlordane

R.T.: 8.275 min
Delta R.T.: -0.003 min
Response: 115771604
Conc: 53.78 ng/ml m



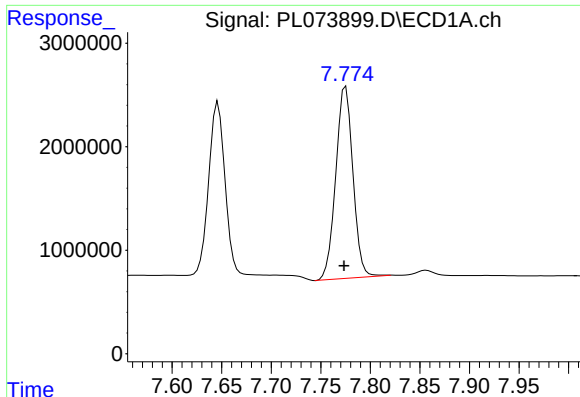
#12 4,4'-DDE

R.T.: 7.646 min
Delta R.T.: 0.002 min
Response: 19095053
Conc: 52.34 ng/ml



#12 4,4'-DDE

R.T.: 8.461 min
Delta R.T.: 0.000 min
Response: 105605938
Conc: 53.02 ng/ml



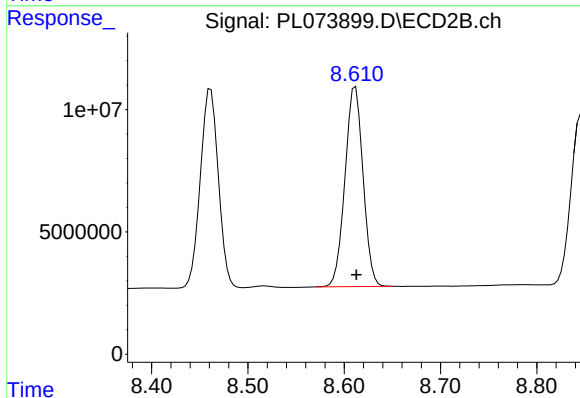
#13 Dieldrin

R.T.: 7.775 min
Delta R.T.: 0.002 min
Response: 22394284
Conc: 52.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

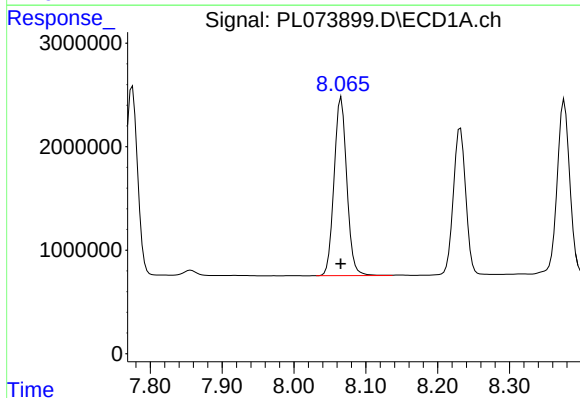
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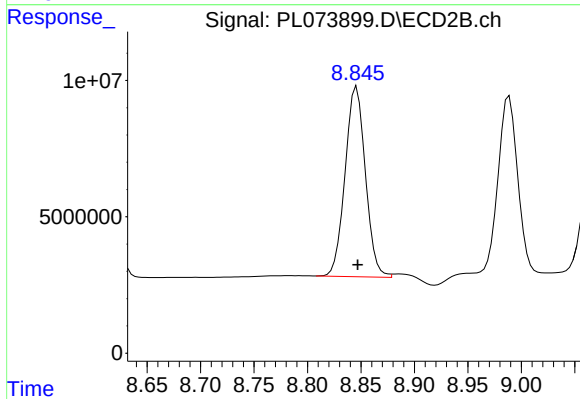
#13 Dieldrin

R.T.: 8.612 min
Delta R.T.: -0.001 min
Response: 106152567
Conc: 52.94 ng/ml



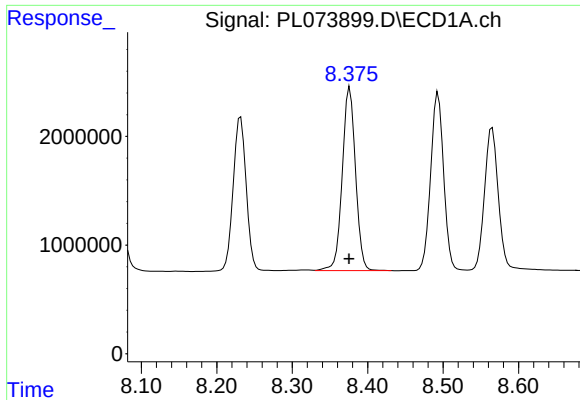
#14 Endrin

R.T.: 8.066 min
Delta R.T.: 0.001 min
Response: 21165309
Conc: 52.10 ng/ml



#14 Endrin

R.T.: 8.845 min
Delta R.T.: -0.002 min
Response: 92540805
Conc: 54.64 ng/ml m



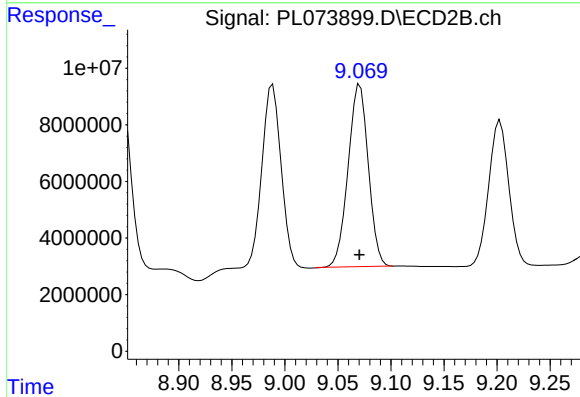
#15 Endosulfan II

R.T.: 8.376 min
Delta R.T.: 0.000 min
Response: 20594615
Conc: 49.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

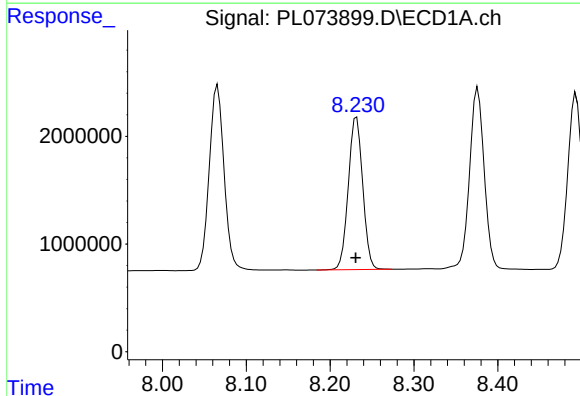
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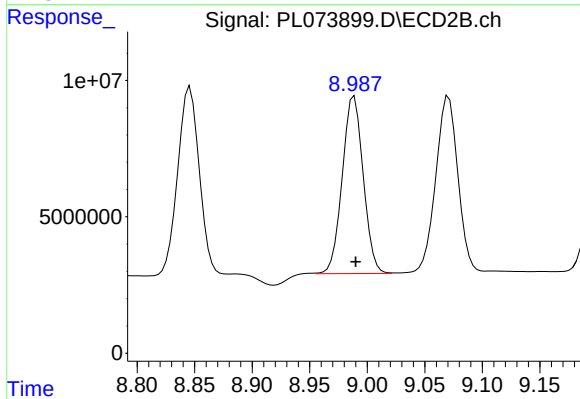
#15 Endosulfan II

R.T.: 9.069 min
Delta R.T.: 0.000 min
Response: 85246738
Conc: 49.07 ng/ml m



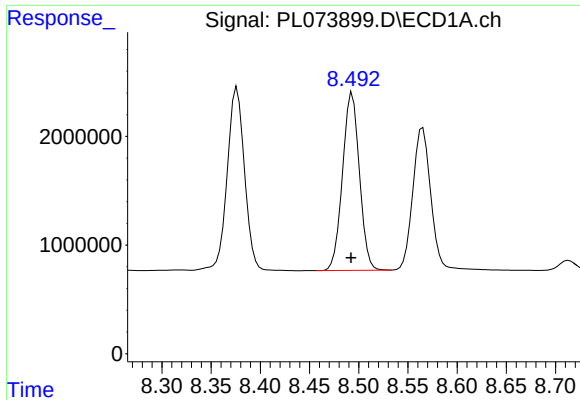
#16 4,4'-DDD

R.T.: 8.232 min
Delta R.T.: 0.000 min
Response: 17004317
Conc: 52.66 ng/ml



#16 4,4'-DDD

R.T.: 8.987 min
Delta R.T.: -0.003 min
Response: 82694712
Conc: 53.75 ng/ml m



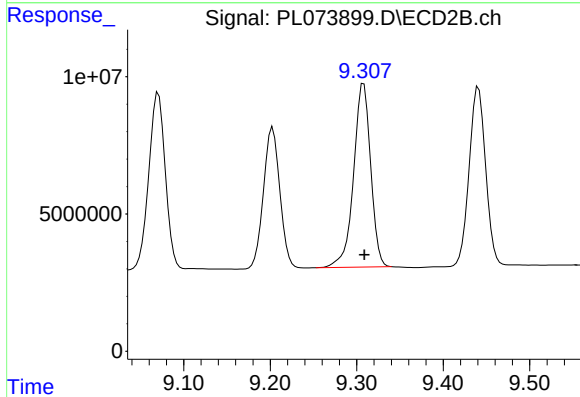
#17 4,4'-DDT

R.T.: 8.493 min
Delta R.T.: 0.001 min
Response: 19522493
Conc: 52.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

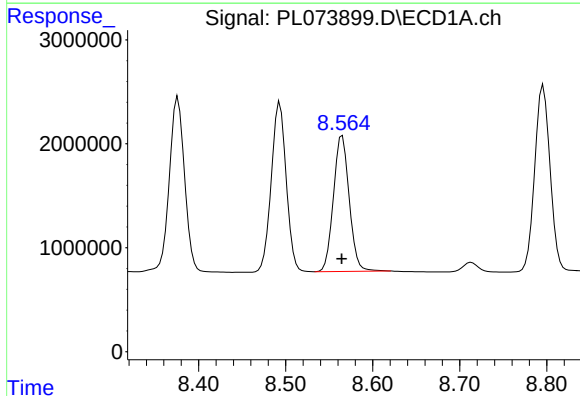
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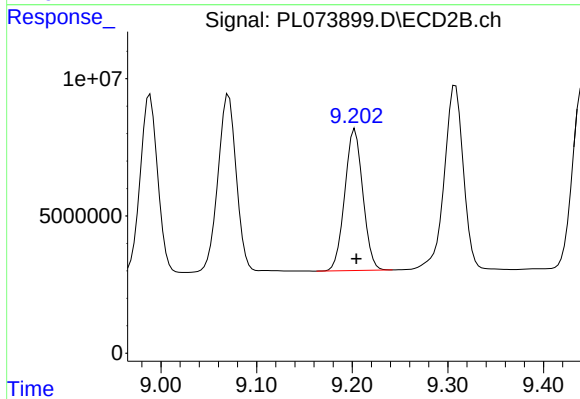
#17 4,4'-DDT

R.T.: 9.308 min
Delta R.T.: 0.000 min
Response: 91865056
Conc: 51.82 ng/ml



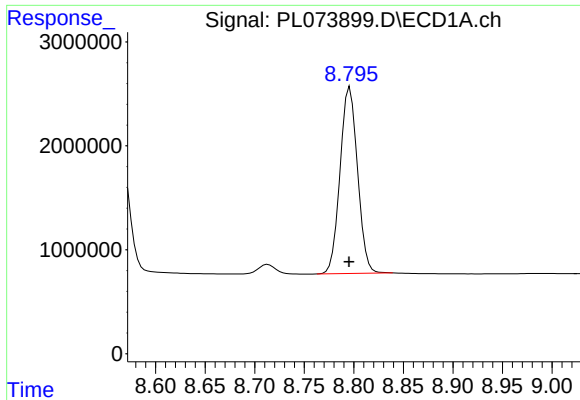
#18 Endrin aldehyde

R.T.: 8.565 min
Delta R.T.: 0.000 min
Response: 16464696
Conc: 50.89 ng/ml



#18 Endrin aldehyde

R.T.: 9.203 min
Delta R.T.: -0.001 min
Response: 67800668
Conc: 52.49 ng/ml



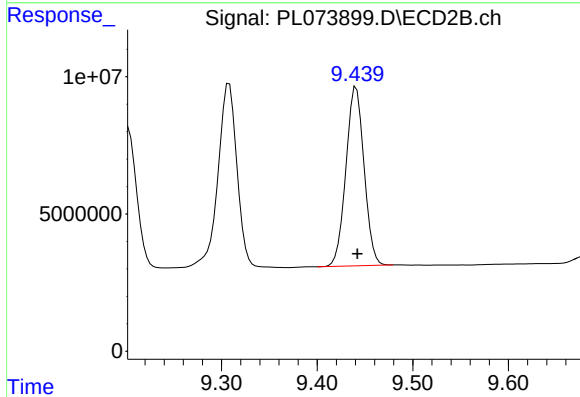
#19 Endosulfan Sulfate

R.T.: 8.796 min
Delta R.T.: 0.001 min
Response: 22016627
Conc: 51.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

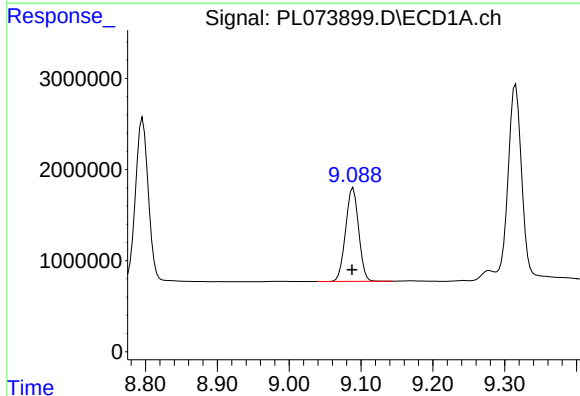
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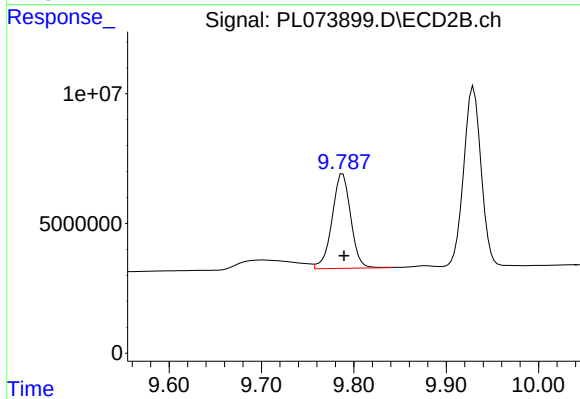
#19 Endosulfan Sulfate

R.T.: 9.441 min
Delta R.T.: -0.001 min
Response: 86389054
Conc: 51.91 ng/ml



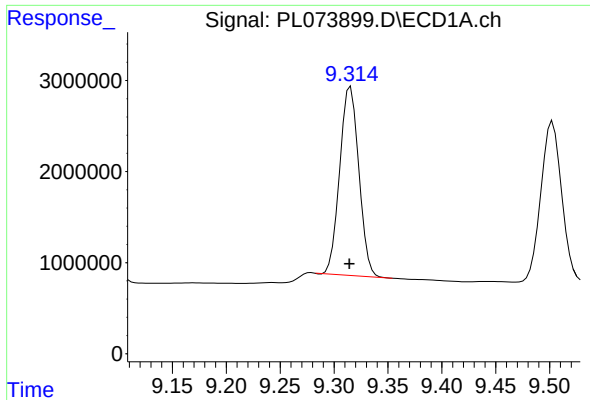
#20 Methoxychlor

R.T.: 9.089 min
Delta R.T.: 0.002 min
Response: 12937181
Conc: 52.11 ng/ml



#20 Methoxychlor

R.T.: 9.788 min
Delta R.T.: -0.001 min
Response: 51298251
Conc: 53.33 ng/ml



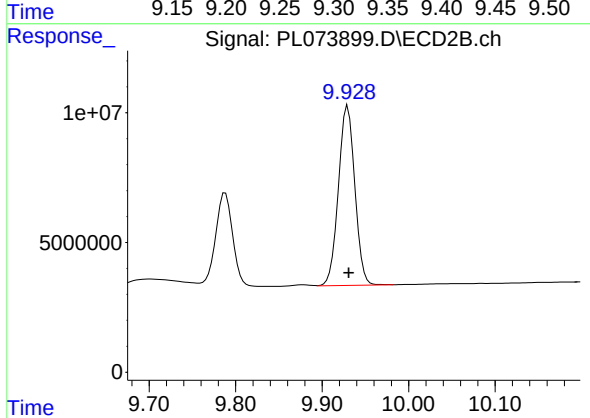
#21 Endrin ketone

R.T.: 9.315 min
Delta R.T.: 0.001 min
Response: 25562467
Conc: 52.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

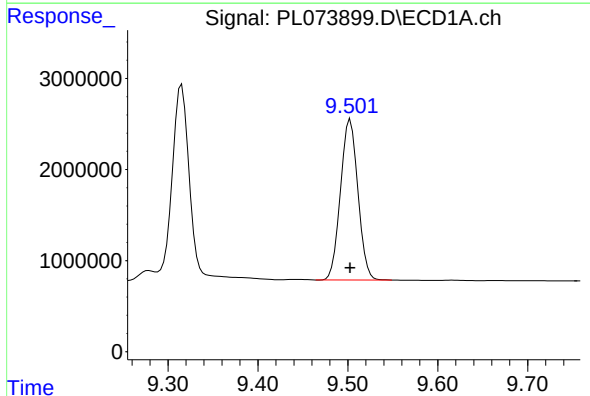
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Reviewed By :Abdul Mirza 04/09/2022
Supervised By :mohammad ahmed 04/11/2022



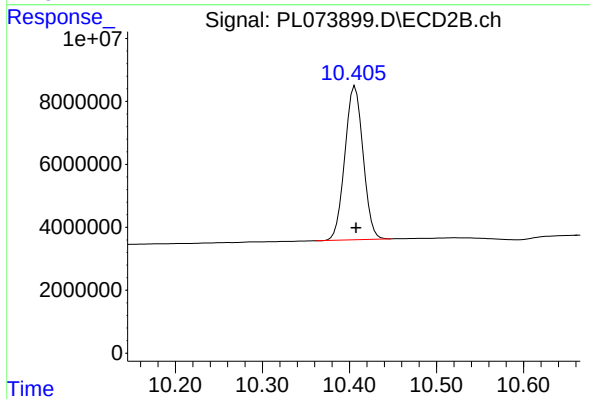
#21 Endrin ketone

R.T.: 9.930 min
Delta R.T.: -0.001 min
Response: 90988502
Conc: 52.57 ng/ml



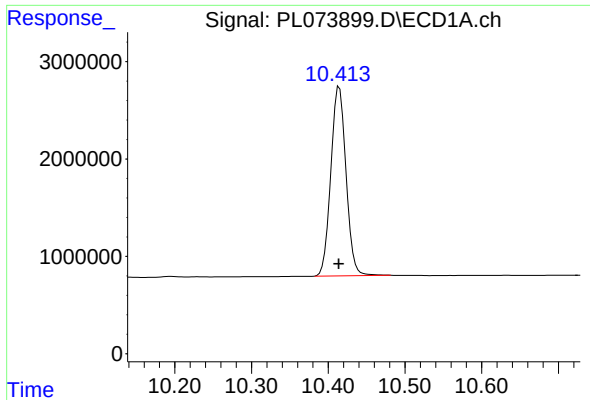
#22 Mirex

R.T.: 9.503 min
Delta R.T.: 0.000 min
Response: 23736280
Conc: 50.89 ng/ml



#22 Mirex

R.T.: 10.406 min
Delta R.T.: 0.000 min
Response: 70915412
Conc: 51.48 ng/ml



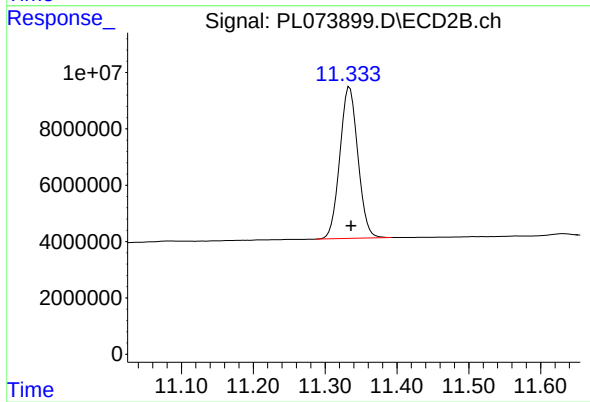
#28 Decachlorobiphenyl

R.T.: 10.414 min
Delta R.T.: 0.000 min
Response: 26714792
Conc: 51.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/09/2022
Supervised By :mohammad ahmed 04/11/2022



#28 Decachlorobiphenyl

R.T.: 11.334 min
Delta R.T.: -0.002 min
Response: 93633519
Conc: 53.01 ng/ml