

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032322\
 Data File : PL073628.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Mar 2022 21:31
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/24/2022
 Supervised By : mohammad ahmed 03/25/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 24 04:35:03 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031122.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 14 04:12:46 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...	4.640	5.491	15316178	83319410	47.820	50.766
28)	SA Decachlor...	10.415	11.332	24344575	85608029	47.875	47.875
Target Compounds							
2)	A alpha-BHC	5.349	6.054	19926797	117.9E6	48.342	52.400
3)	MA gamma-BHC...	5.772	6.443	19991000	110.5E6	47.924	51.755
4)	MA Heptachlor	6.184	7.102	19871065	109.2E6	44.041	46.626
5)	MB Aldrin	6.509	7.470	19636321	106.2E6	47.526	50.672
6)	B beta-BHC	6.152	6.679	10289289	51625103	49.973	49.526
7)	B delta-BHC	6.414	6.947	20402673	112.5E6	50.797	52.234
8)	B Heptachlo...	7.086	7.926	20633919	100.6E6	47.877	50.343
9)	A Endosulfan I	7.489	8.326	19791565	90685758	48.246	49.680
10)	B gamma-Chl...	7.363	8.194	21151096	101.1E6	48.367	49.503
11)	B alpha-Chl...	7.433	8.277	21252530	98662322	48.090	49.331
12)	B 4,4'-DDE	7.647	8.461	17359345	90044713	48.377	50.238
13)	MA Dieldrin	7.776	8.611	20365663	91110018	48.883	49.389
14)	MA Endrin	8.066	8.845	19334998	77213320	49.832	50.158
15)	B Endosulfa...	8.377	9.069	19066308	74937024	48.778	48.792
16)	A 4,4'-DDD	8.233	8.988	15835901	71158636	48.765	48.748
17)	MA 4,4'-DDT	8.494	9.307	16725368	74559968	44.226	45.615
18)	B Endrin al...	8.565	9.201	14534192	56715507	45.958	46.249m
19)	B Endosulfa...	8.797	9.439	20535335	76911735	48.613	48.800
20)	A Methoxychlor	9.089	9.786	10517846	36551055	41.000	40.564
21)	B Endrin ke...	9.316	9.928	24111321	79167205	49.285	47.963
22)	Mirex	9.504	10.405	22288169	64662966	47.265	47.600

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL073222\
Data File : PL073628.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Mar 2022 21:31
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

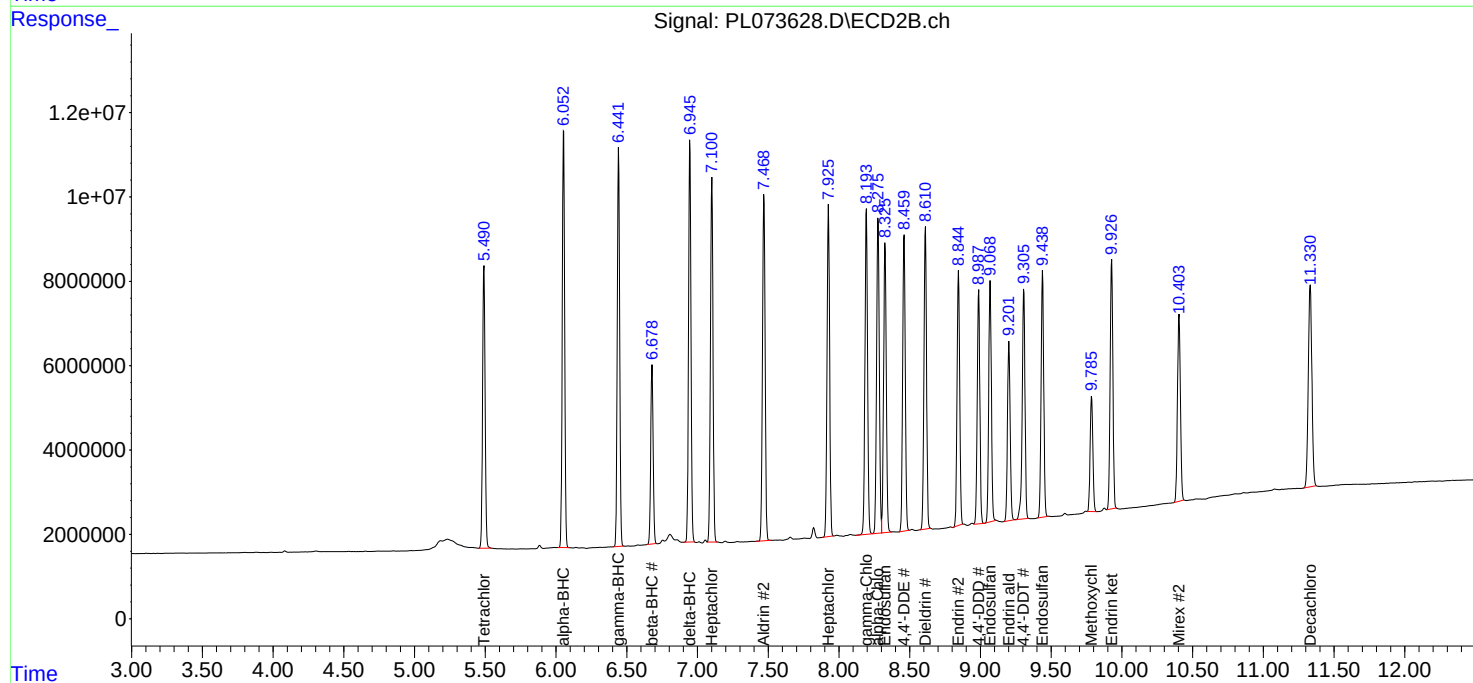
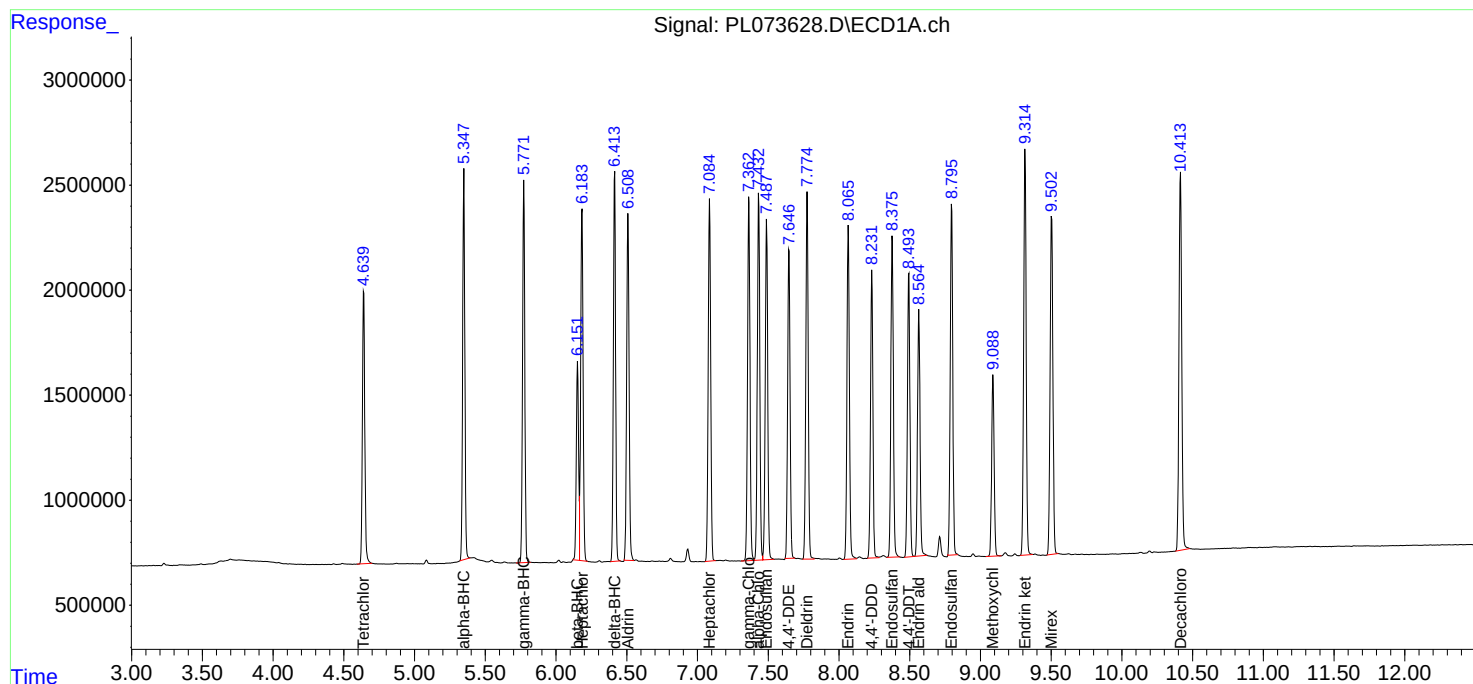
APPROVED

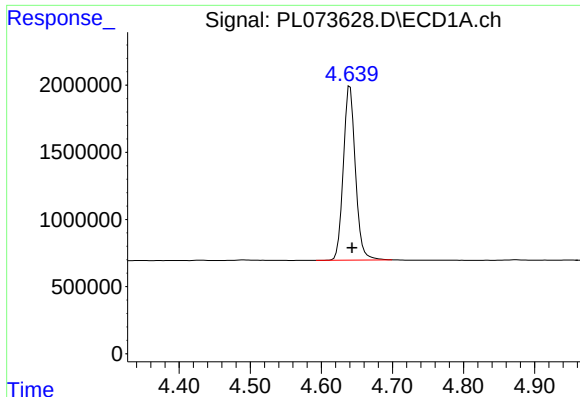
Reviewed By :Abdul Mirza 03/24/2022

Supervised By :mohammad ahmed 03/25/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 24 04:35:03 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031122.M
Quant Title : GC Extractables
QLast Update : Mon Mar 14 04:12:46 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





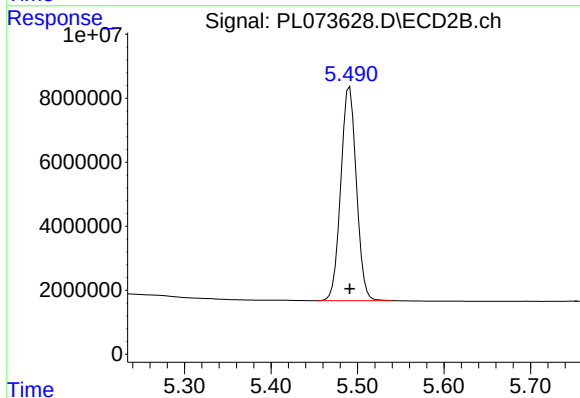
#1 Tetrachloro-m-xylene

R.T.: 4.640 min
Delta R.T.: -0.003 min
Response: 15316178
Conc: 47.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

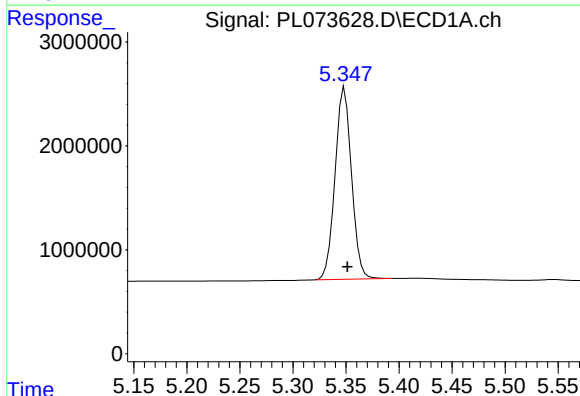
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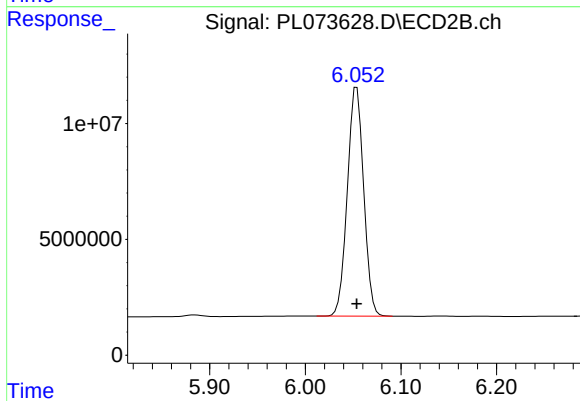
#1 Tetrachloro-m-xylene

R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 83319410
Conc: 50.77 ng/ml



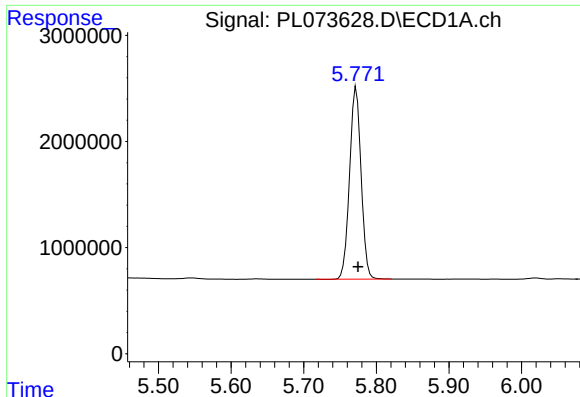
#2 alpha-BHC

R.T.: 5.349 min
Delta R.T.: -0.002 min
Response: 19926797
Conc: 48.34 ng/ml



#2 alpha-BHC

R.T.: 6.054 min
Delta R.T.: 0.000 min
Response: 117881576
Conc: 52.40 ng/ml



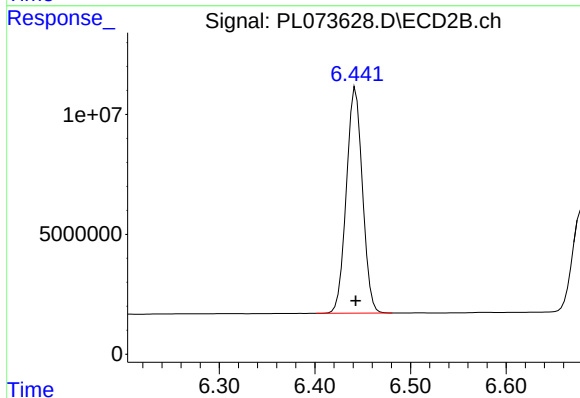
#3 gamma-BHC (Lindane)

R.T.: 5.772 min
Delta R.T.: -0.002 min
Response: 19991000
Conc: 47.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

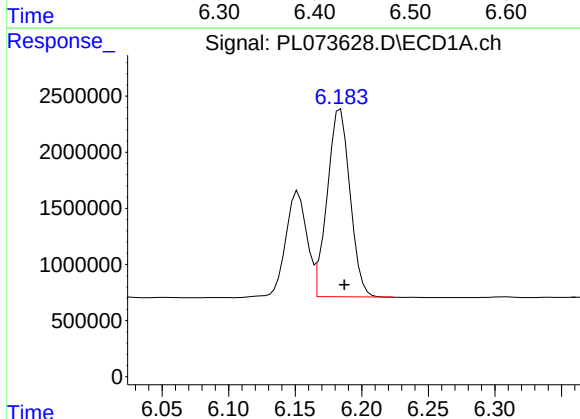
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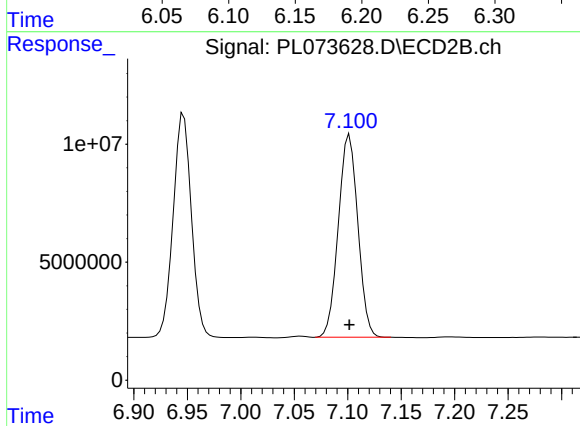
#3 gamma-BHC (Lindane)

R.T.: 6.443 min
Delta R.T.: 0.000 min
Response: 110500877
Conc: 51.75 ng/ml



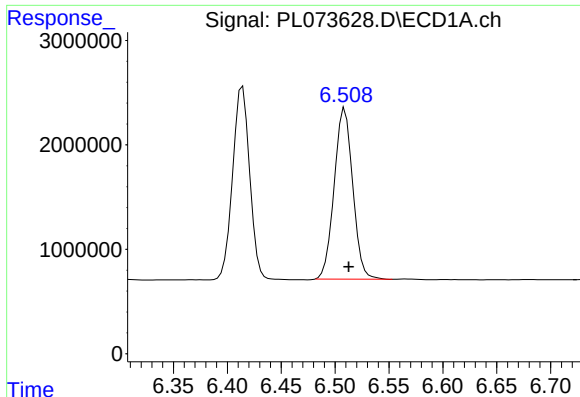
#4 Heptachlor

R.T.: 6.184 min
Delta R.T.: -0.003 min
Response: 19871065
Conc: 44.04 ng/ml



#4 Heptachlor

R.T.: 7.102 min
Delta R.T.: 0.000 min
Response: 109249816
Conc: 46.63 ng/ml



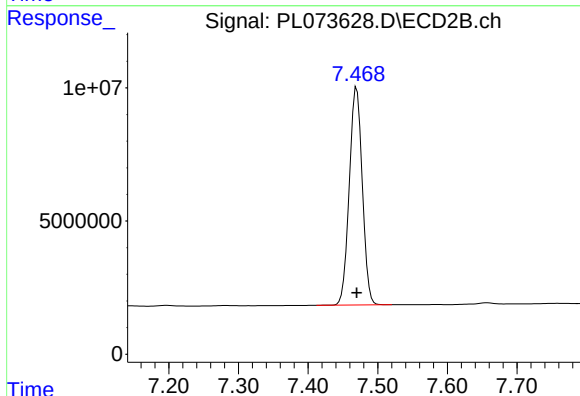
#5 Aldrin

R.T.: 6.509 min
Delta R.T.: -0.003 min
Response: 19636321
Conc: 47.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

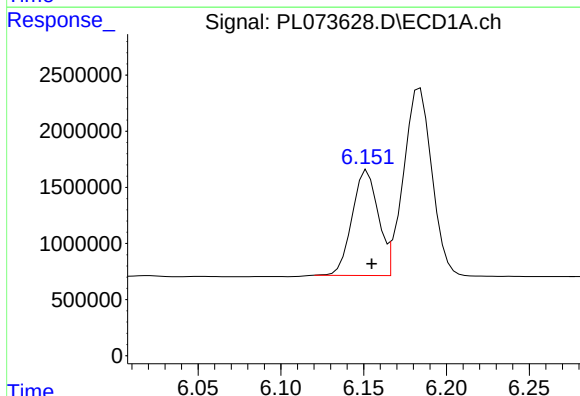
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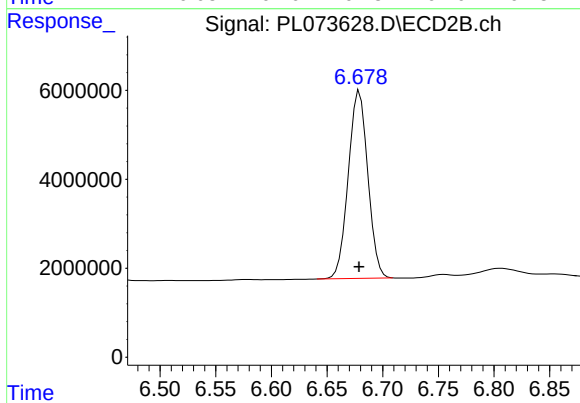
#5 Aldrin

R.T.: 7.470 min
Delta R.T.: 0.000 min
Response: 106156270
Conc: 50.67 ng/ml



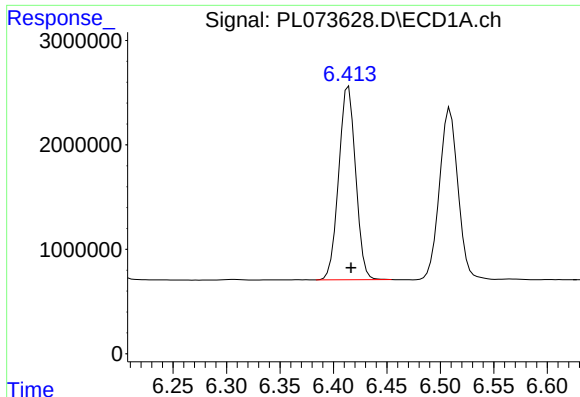
#6 beta-BHC

R.T.: 6.152 min
Delta R.T.: -0.003 min
Response: 10289289
Conc: 49.97 ng/ml



#6 beta-BHC

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 51625103
Conc: 49.53 ng/ml



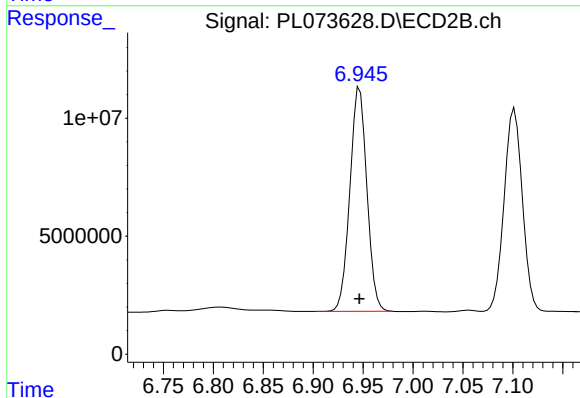
#7 delta-BHC

R.T.: 6.414 min
Delta R.T.: -0.002 min
Response: 20402673
Conc: 50.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

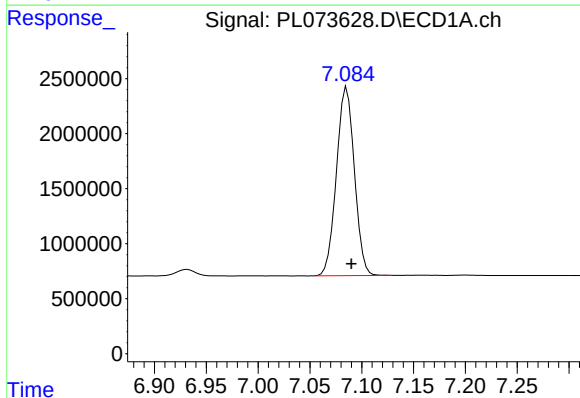
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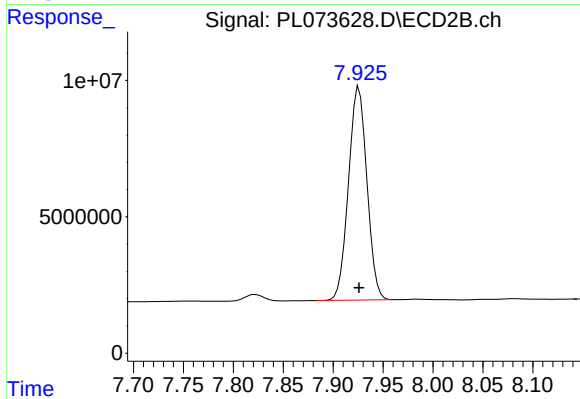
#7 delta-BHC

R.T.: 6.947 min
Delta R.T.: 0.000 min
Response: 112488957
Conc: 52.23 ng/ml



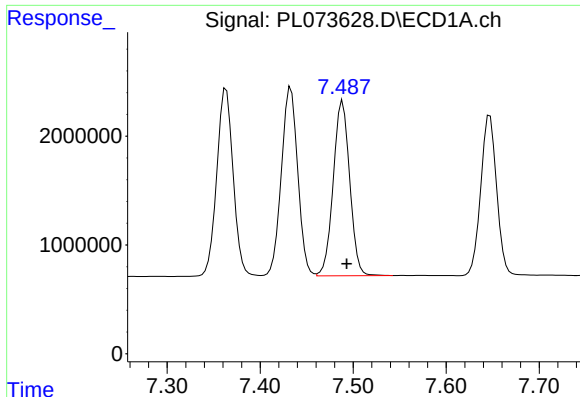
#8 Heptachlor epoxide

R.T.: 7.086 min
Delta R.T.: -0.004 min
Response: 20633919
Conc: 47.88 ng/ml



#8 Heptachlor epoxide

R.T.: 7.926 min
Delta R.T.: 0.000 min
Response: 100550915
Conc: 50.34 ng/ml



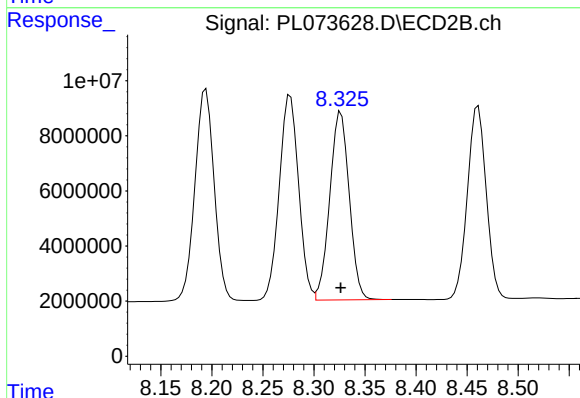
#9 Endosulfan I

R.T.: 7.489 min
Delta R.T.: -0.004 min
Response: 19791565
Conc: 48.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

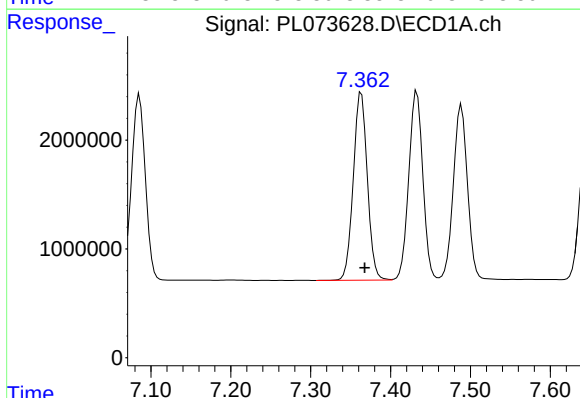
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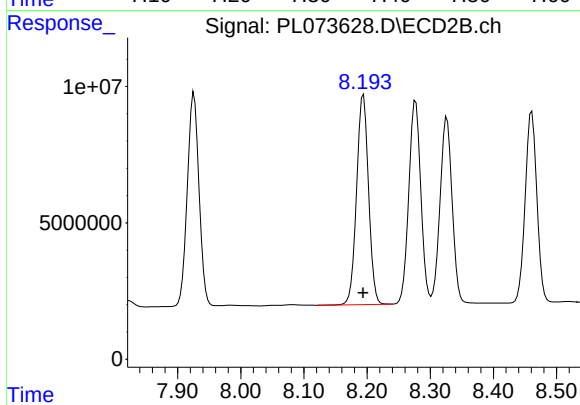
#9 Endosulfan I

R.T.: 8.326 min
Delta R.T.: 0.000 min
Response: 90685758
Conc: 49.68 ng/ml



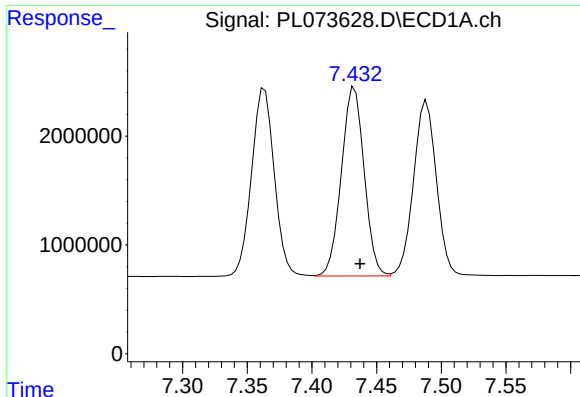
#10 gamma-Chlordane

R.T.: 7.363 min
Delta R.T.: -0.004 min
Response: 21151096
Conc: 48.37 ng/ml



#10 gamma-Chlordane

R.T.: 8.194 min
Delta R.T.: 0.000 min
Response: 101105846
Conc: 49.50 ng/ml



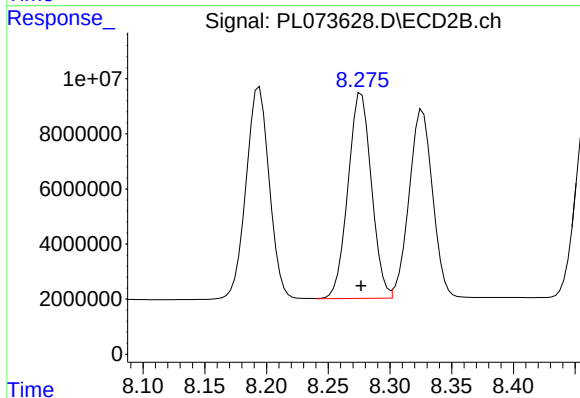
#11 alpha-Chlordane

R.T.: 7.433 min
Delta R.T.: -0.004 min
Response: 21252530
Conc: 48.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

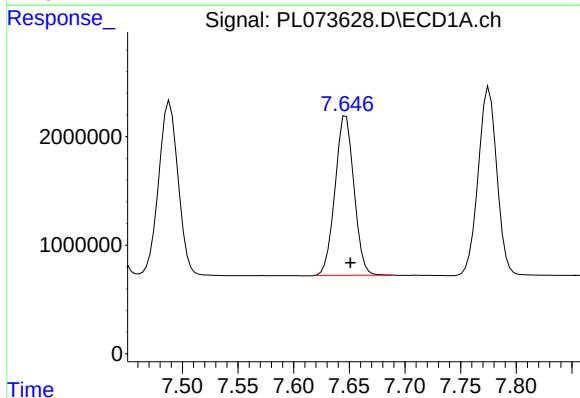
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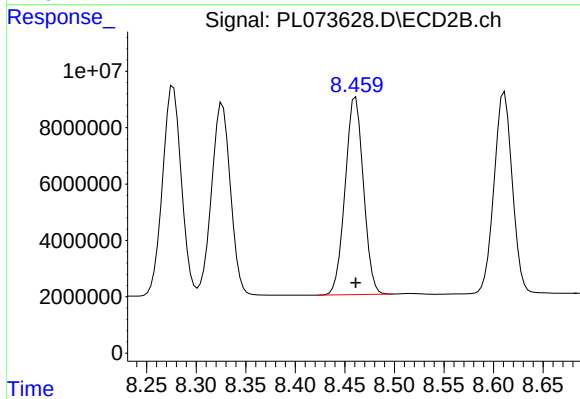
#11 alpha-Chlordane

R.T.: 8.277 min
Delta R.T.: 0.000 min
Response: 98662322
Conc: 49.33 ng/ml



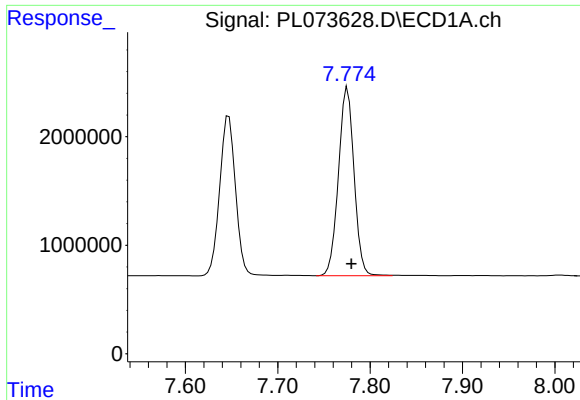
#12 4,4'-DDE

R.T.: 7.647 min
Delta R.T.: -0.004 min
Response: 17359345
Conc: 48.38 ng/ml



#12 4,4'-DDE

R.T.: 8.461 min
Delta R.T.: 0.000 min
Response: 90044713
Conc: 50.24 ng/ml



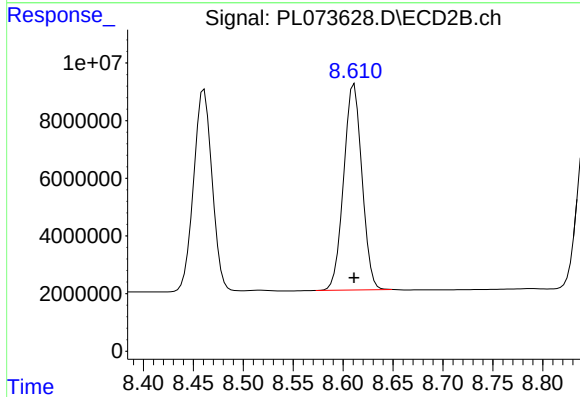
#13 Dieldrin

R.T.: 7.776 min
Delta R.T.: -0.004 min
Response: 20365663
Conc: 48.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

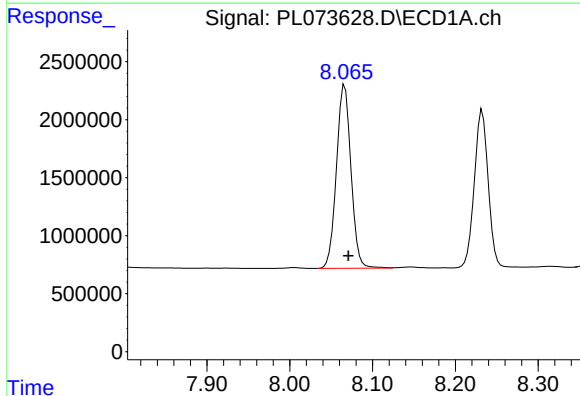
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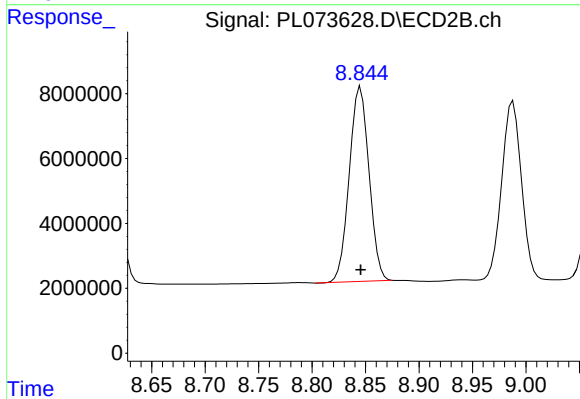
#13 Dieldrin

R.T.: 8.611 min
Delta R.T.: 0.000 min
Response: 91110018
Conc: 49.39 ng/ml



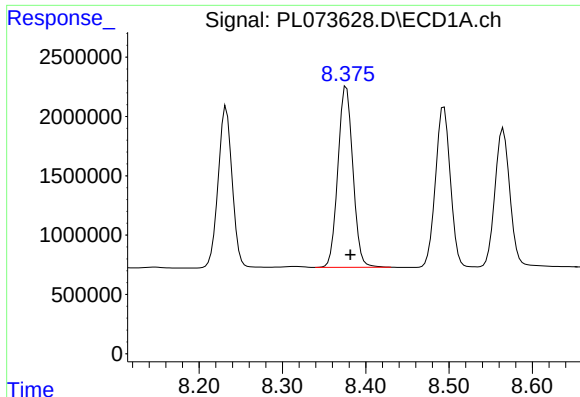
#14 Endrin

R.T.: 8.066 min
Delta R.T.: -0.004 min
Response: 19334998
Conc: 49.83 ng/ml



#14 Endrin

R.T.: 8.845 min
Delta R.T.: 0.000 min
Response: 77213320
Conc: 50.16 ng/ml



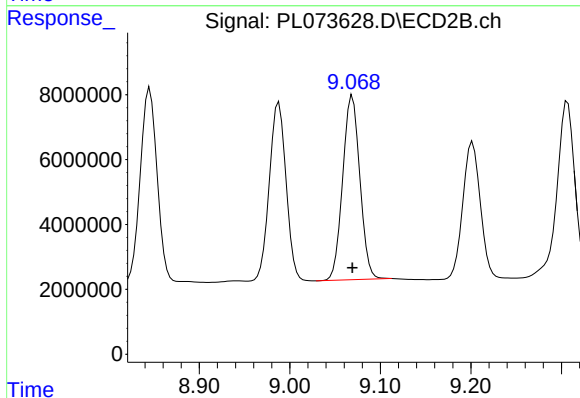
#15 Endosulfan II

R.T.: 8.377 min
Delta R.T.: -0.005 min
Response: 19066308
Conc: 48.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

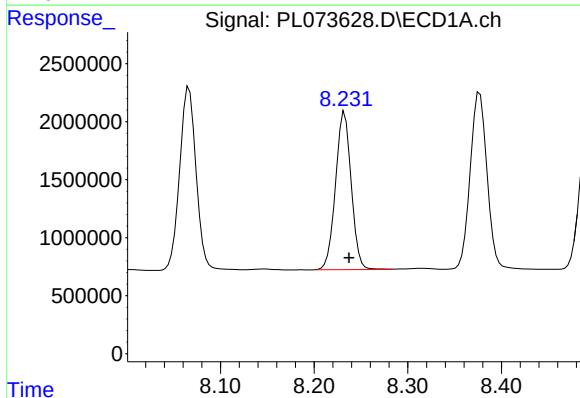
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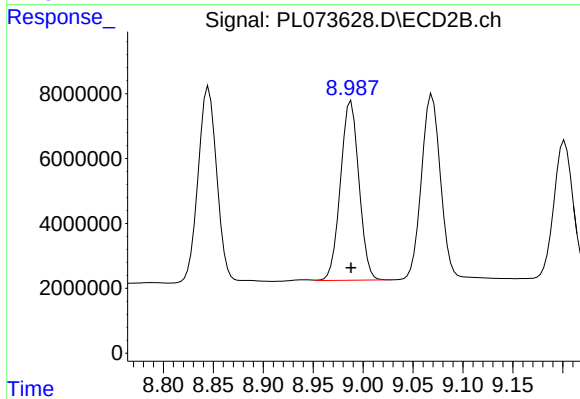
#15 Endosulfan II

R.T.: 9.069 min
Delta R.T.: 0.000 min
Response: 74937024
Conc: 48.79 ng/ml



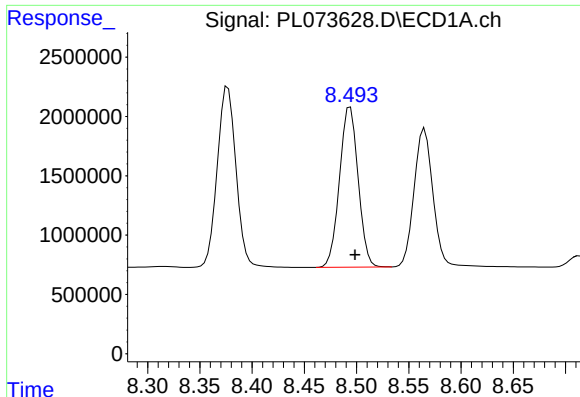
#16 4,4'-DDD

R.T.: 8.233 min
Delta R.T.: -0.005 min
Response: 15835901
Conc: 48.77 ng/ml



#16 4,4'-DDD

R.T.: 8.988 min
Delta R.T.: 0.000 min
Response: 71158636
Conc: 48.75 ng/ml



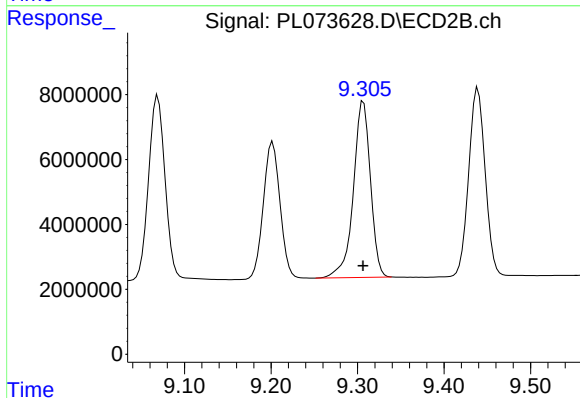
#17 4,4'-DDT

R.T.: 8.494 min
Delta R.T.: -0.005 min
Response: 16725368
Conc: 44.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

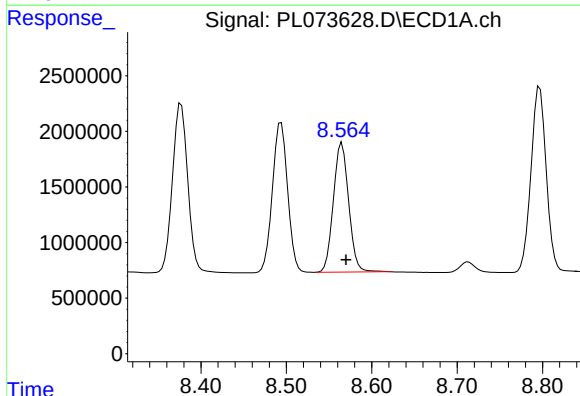
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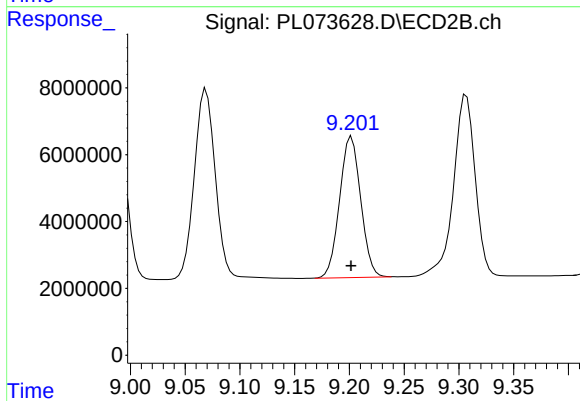
#17 4,4'-DDT

R.T.: 9.307 min
Delta R.T.: 0.000 min
Response: 74559968
Conc: 45.62 ng/ml



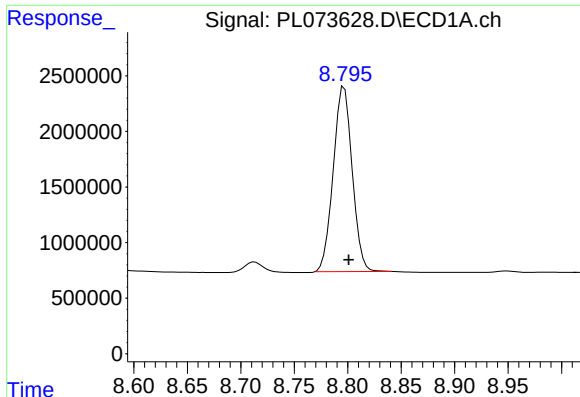
#18 Endrin aldehyde

R.T.: 8.565 min
Delta R.T.: -0.005 min
Response: 14534192
Conc: 45.96 ng/ml



#18 Endrin aldehyde

R.T.: 9.201 min
Delta R.T.: -0.001 min
Response: 56715507
Conc: 46.25 ng/ml m



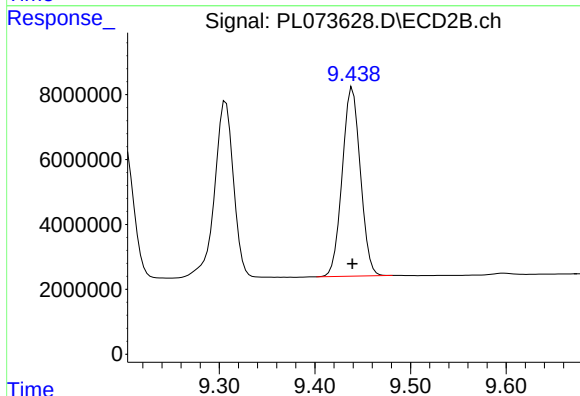
#19 Endosulfan Sulfate

R.T.: 8.797 min
Delta R.T.: -0.004 min
Response: 20535335
Conc: 48.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

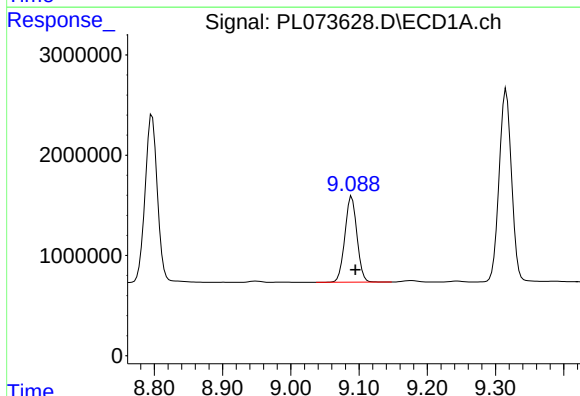
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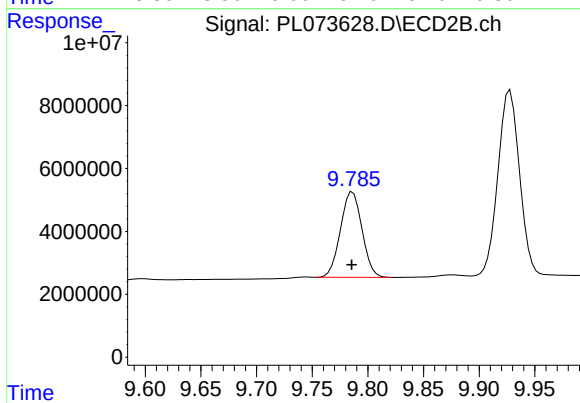
#19 Endosulfan Sulfate

R.T.: 9.439 min
Delta R.T.: 0.000 min
Response: 76911735
Conc: 48.80 ng/ml



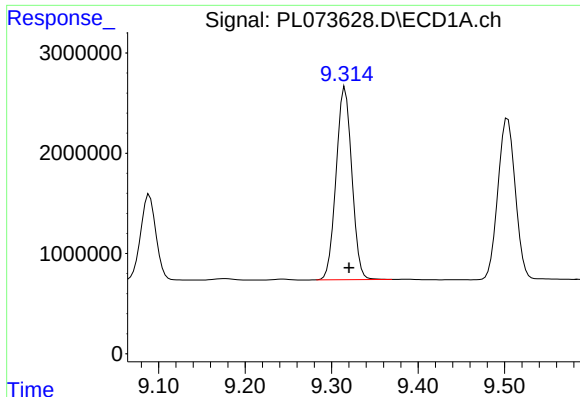
#20 Methoxychlor

R.T.: 9.089 min
Delta R.T.: -0.005 min
Response: 10517846
Conc: 41.00 ng/ml



#20 Methoxychlor

R.T.: 9.786 min
Delta R.T.: 0.000 min
Response: 36551055
Conc: 40.56 ng/ml



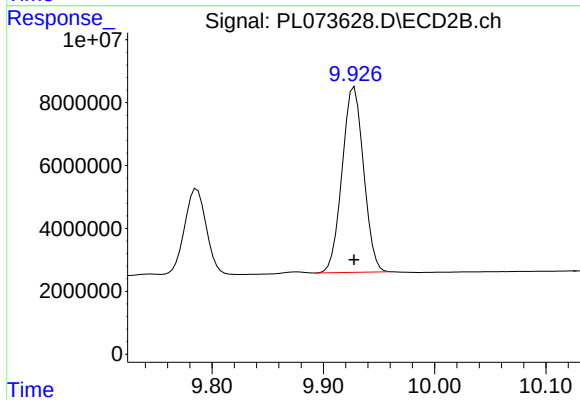
#21 Endrin ketone

R.T.: 9.316 min
Delta R.T.: -0.004 min
Response: 24111321
Conc: 49.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

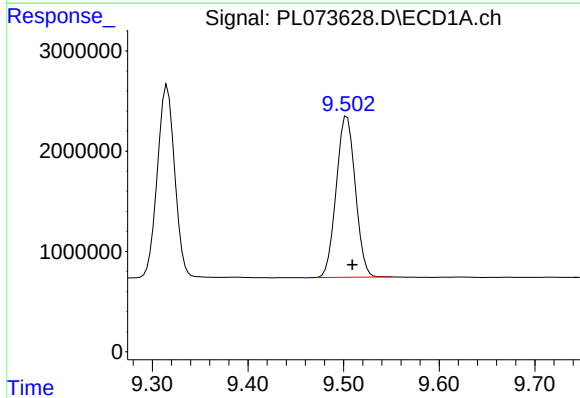
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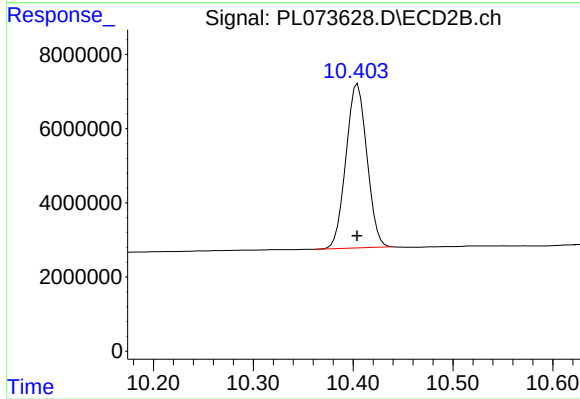
#21 Endrin ketone

R.T.: 9.928 min
Delta R.T.: 0.000 min
Response: 79167205
Conc: 47.96 ng/ml



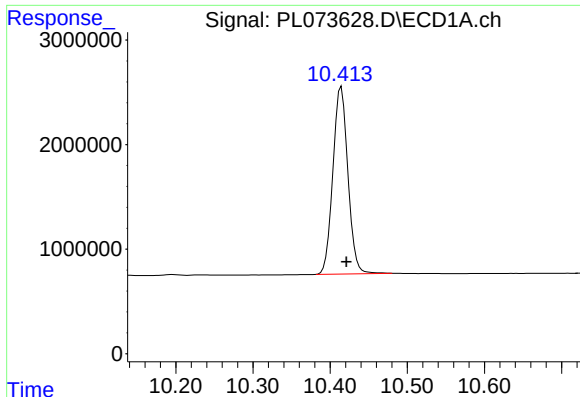
#22 Mirex

R.T.: 9.504 min
Delta R.T.: -0.006 min
Response: 22288169
Conc: 47.26 ng/ml



#22 Mirex

R.T.: 10.405 min
Delta R.T.: 0.000 min
Response: 64662966
Conc: 47.60 ng/ml



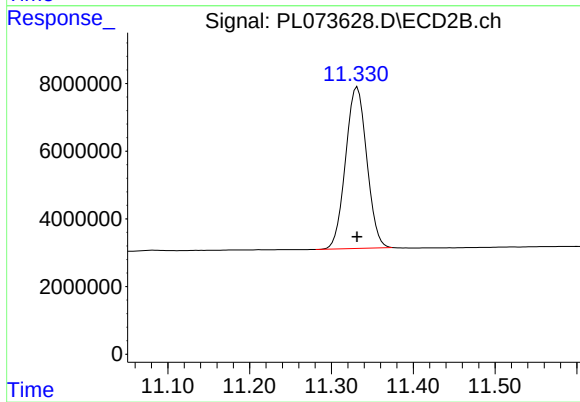
#28 Decachlorobiphenyl

R.T.: 10.415 min
Delta R.T.: -0.006 min
Response: 24344575
Conc: 47.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/24/2022
Supervised By :mohammad ahmed 03/25/2022



#28 Decachlorobiphenyl

R.T.: 11.332 min
Delta R.T.: 0.000 min
Response: 85608029
Conc: 47.87 ng/ml