

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040122\
 Data File : PL073791.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Apr 2022 20:45
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 01 23:47:05 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	5.492	15458119	88611774	48.263	53.990
28)	SA Decachlor...	10.416	11.334	22943459	79068211	45.120	44.217
Target Compounds							
2)	A alpha-BHC	5.348	6.055	20104576	126.5E6	48.773	56.229
3)	MA gamma-BHC...	5.772	6.444	20338456	116.7E6	48.757	54.660
4)	MA Heptachlor	6.183	7.103	20844588	123.5E6	46.198	52.719
5)	MB Aldrin	6.508	7.472	18966841	111.1E6	45.906	53.050
6)	B beta-BHC	6.152	6.680	9930456	53619458	48.230	51.440
7)	B delta-BHC	6.413	6.948	19966056	118.4E6	49.710	54.960
8)	B Heptachlo...	7.085	7.927	19654237	102.4E6	45.604	51.267
9)	A Endosulfan I	7.489	8.328	18669434	91518687	45.511	50.136
10)	B gamma-Chl...	7.364	8.194	19869580	101.1E6	45.437	49.479m
11)	B alpha-Chl...	7.433	8.278	20012816	101.2E6	45.285	50.592
12)	B 4,4'-DDE	7.647	8.462	16375419	90750764	45.635	50.632
13)	MA Dieldrin	7.774	8.613	19033843	91364757	45.686m	49.527
14)	MA Endrin	8.066	8.848	18444232	76479925	47.536	49.681
15)	B Endosulfa...	8.377	9.071	17580820	73704553	44.978	47.990
16)	A 4,4'-DDD	8.232	8.988	14699077	69819418	45.264	47.831m
17)	MA 4,4'-DDT	8.493	9.308	16531402	76364656	43.713	46.720
18)	B Endrin al...	8.565	9.202	14154167	57682289	44.757	47.037m
19)	B Endosulfa...	8.797	9.442	18929130	74386827	44.811	47.198
20)	A Methoxychlor	9.089	9.789	11034047	40423913	43.012	44.862
21)	B Endrin ke...	9.316	9.930	22344493	76538146	45.673	46.370
22)	Mirex	9.504	10.407	20545300	61415890	43.569	45.210

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040122\
 Data File : PL073791.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Apr 2022 20:45
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

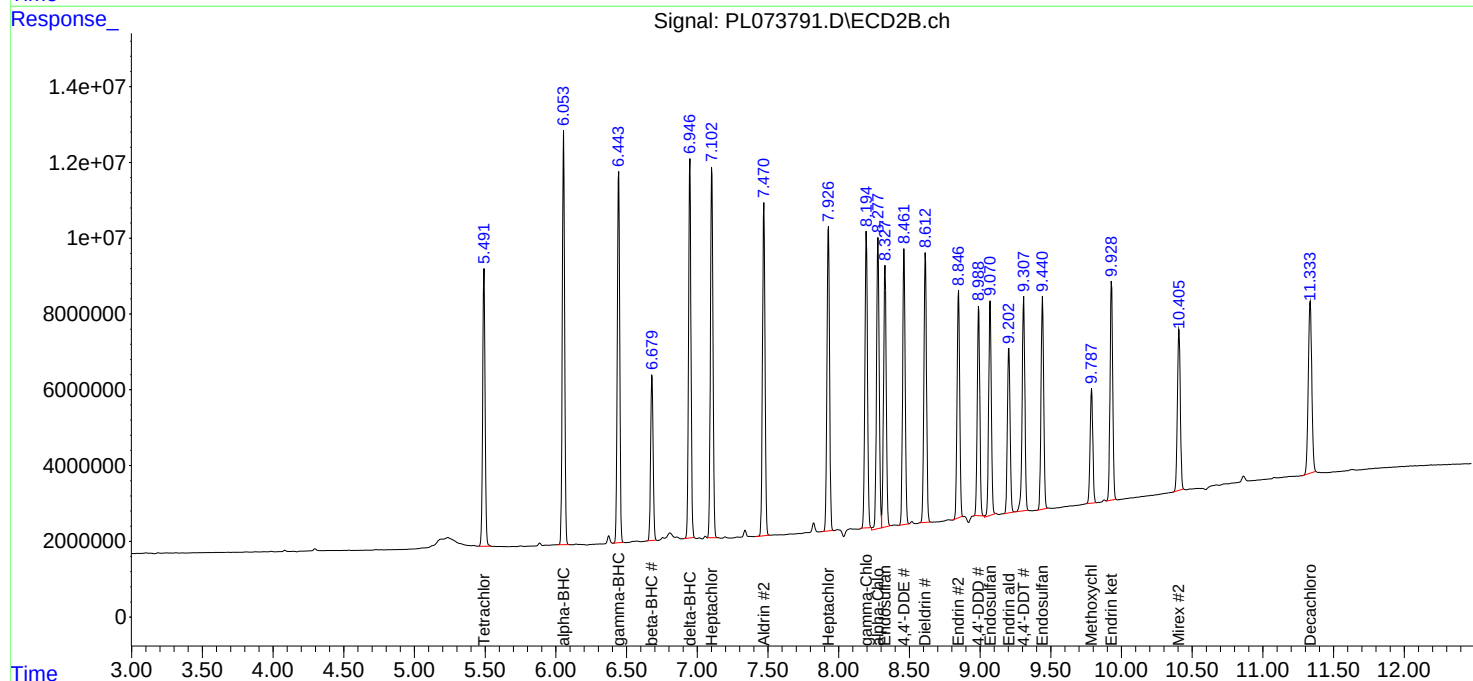
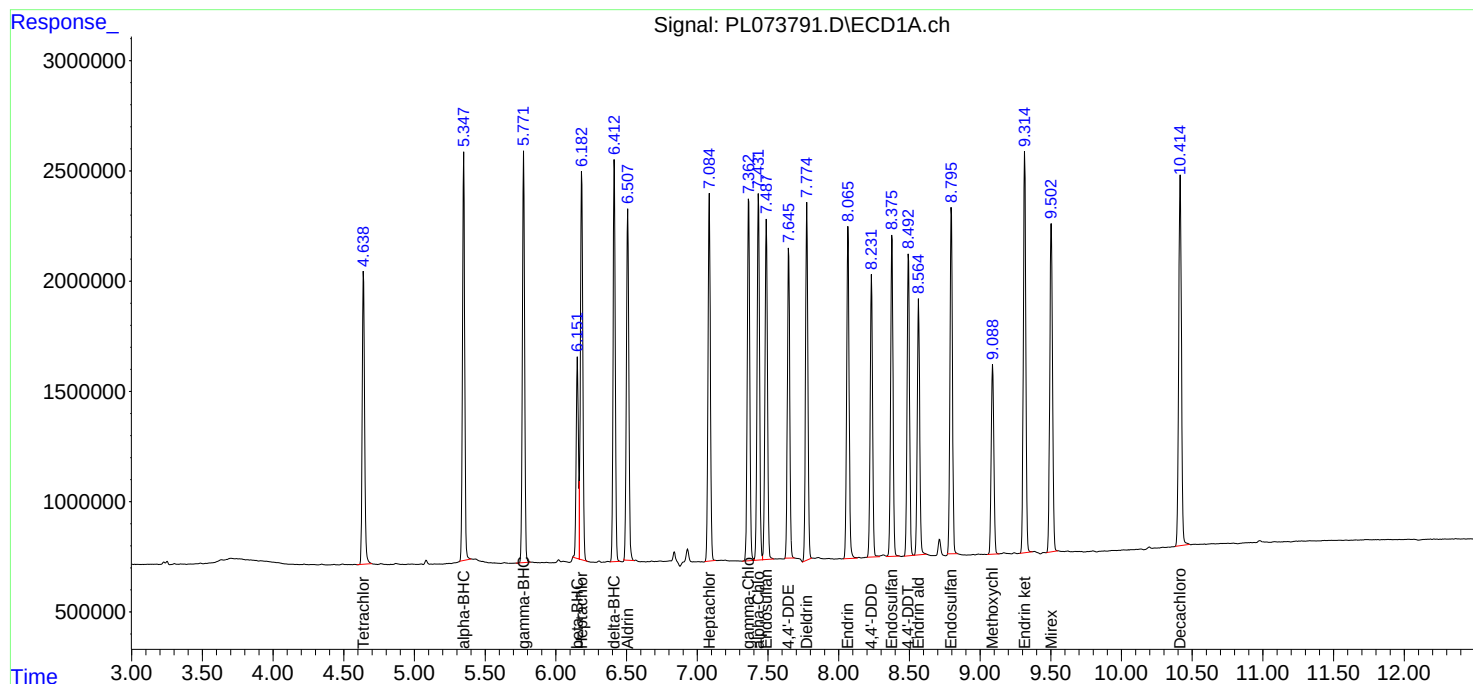
APPROVED

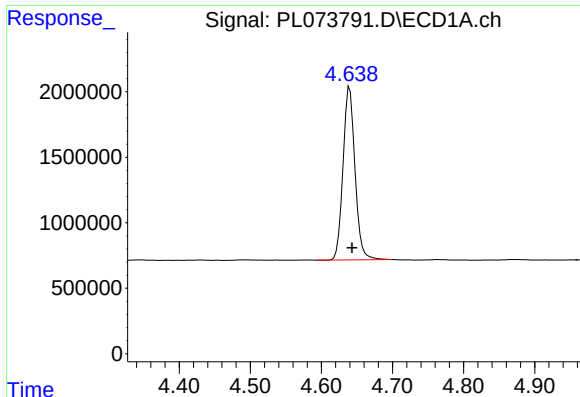
Reviewed By :Abdul Mirza 04/04/2022

Supervised By :mohammad ahmed 04/04/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 01 23:47:05 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031122.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 14 04:12:46 2022
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Volume Inj. : 1 µl
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





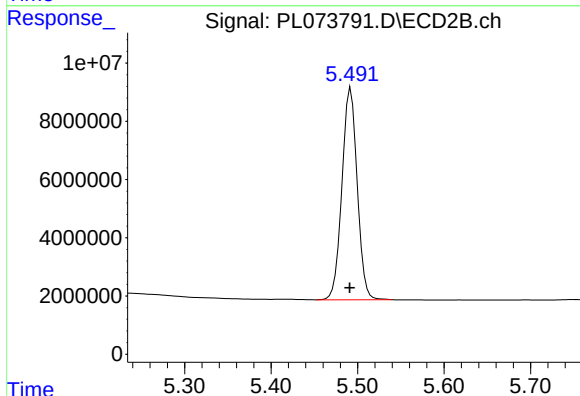
#1 Tetrachloro-m-xylene

R.T.: 4.640 min
Delta R.T.: -0.003 min
Response: 15458119
Conc: 48.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

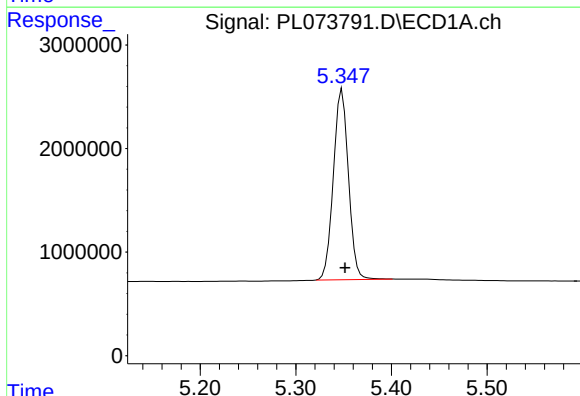
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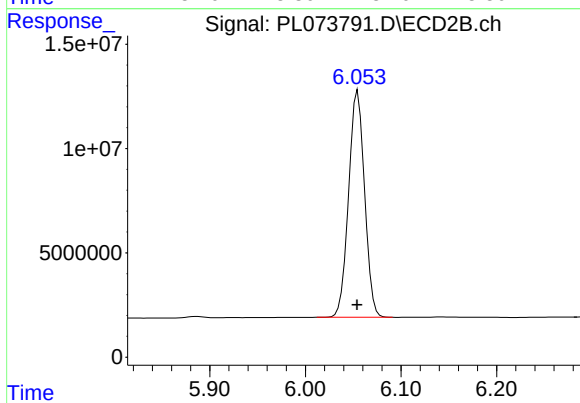
#1 Tetrachloro-m-xylene

R.T.: 5.492 min
Delta R.T.: 0.001 min
Response: 88611774
Conc: 53.99 ng/ml



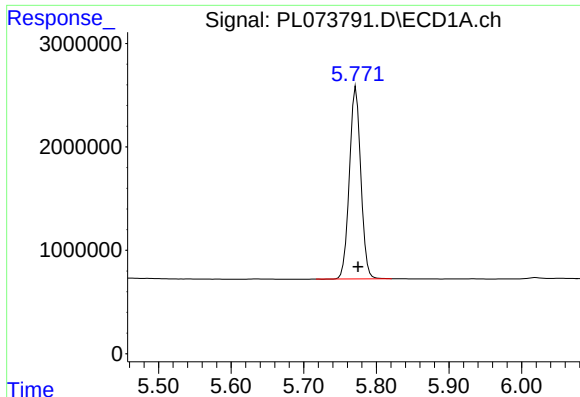
#2 alpha-BHC

R.T.: 5.348 min
Delta R.T.: -0.003 min
Response: 20104576
Conc: 48.77 ng/ml



#2 alpha-BHC

R.T.: 6.055 min
Delta R.T.: 0.001 min
Response: 126495781
Conc: 56.23 ng/ml



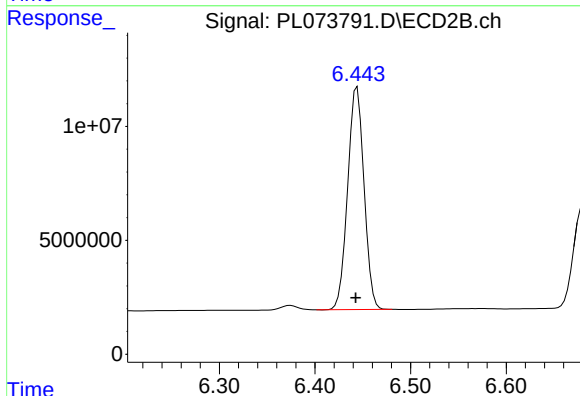
#3 gamma-BHC (Lindane)

R.T.: 5.772 min
Delta R.T.: -0.003 min
Response: 20338456
Conc: 48.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

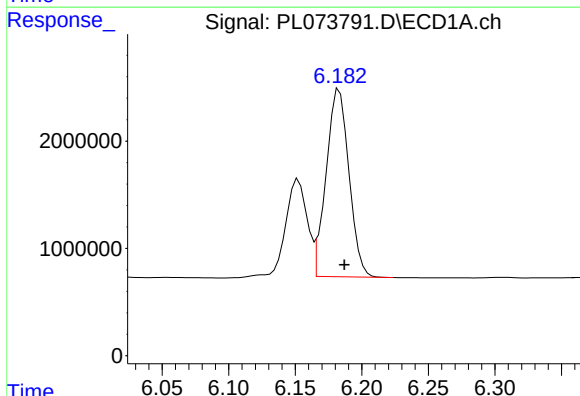
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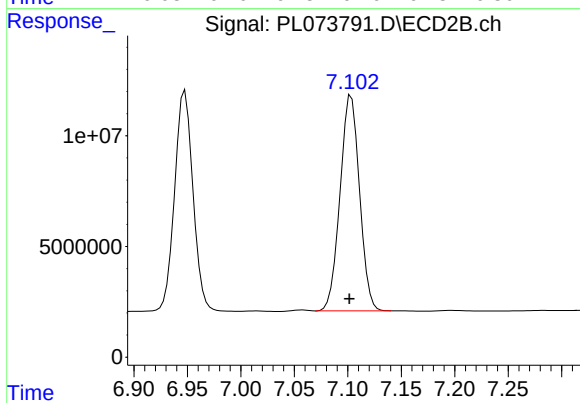
#3 gamma-BHC (Lindane)

R.T.: 6.444 min
Delta R.T.: 0.002 min
Response: 116703130
Conc: 54.66 ng/ml



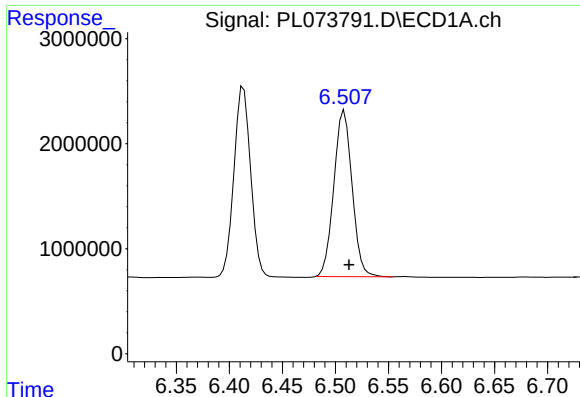
#4 Heptachlor

R.T.: 6.183 min
Delta R.T.: -0.004 min
Response: 20844588
Conc: 46.20 ng/ml



#4 Heptachlor

R.T.: 7.103 min
Delta R.T.: 0.002 min
Response: 123525959
Conc: 52.72 ng/ml



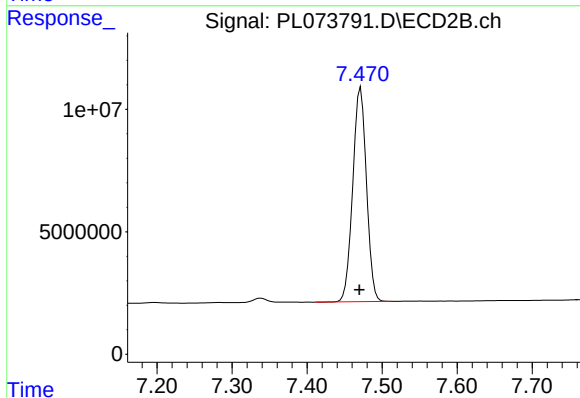
#5 Aldrin

R.T.: 6.508 min
Delta R.T.: -0.004 min
Response: 18966841
Conc: 45.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

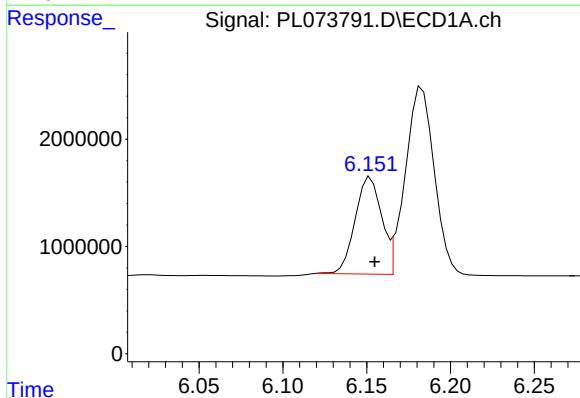
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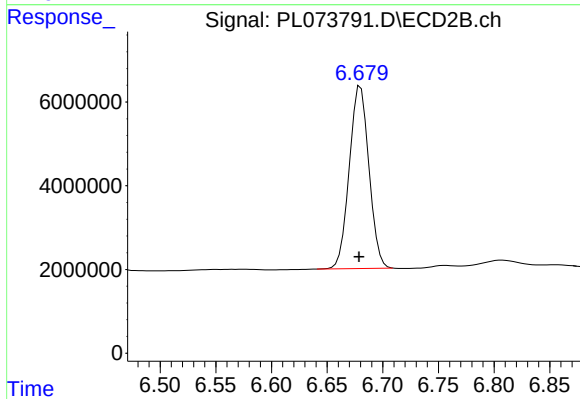
#5 Aldrin

R.T.: 7.472 min
Delta R.T.: 0.002 min
Response: 111138882
Conc: 53.05 ng/ml



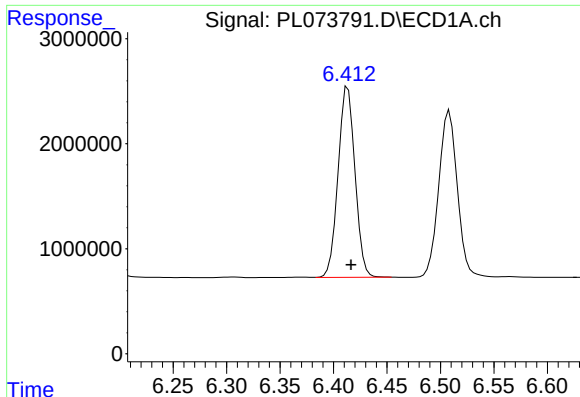
#6 beta-BHC

R.T.: 6.152 min
Delta R.T.: -0.002 min
Response: 9930456
Conc: 48.23 ng/ml



#6 beta-BHC

R.T.: 6.680 min
Delta R.T.: 0.001 min
Response: 53619458
Conc: 51.44 ng/ml



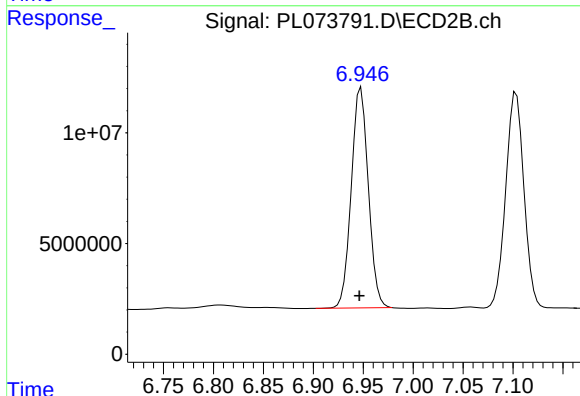
#7 delta-BHC

R.T.: 6.413 min
Delta R.T.: -0.003 min
Response: 19966056
Conc: 49.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

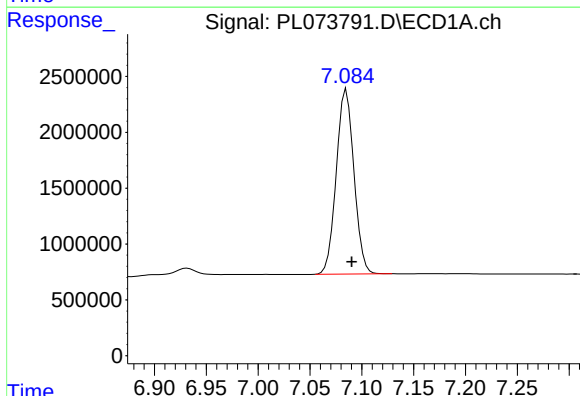
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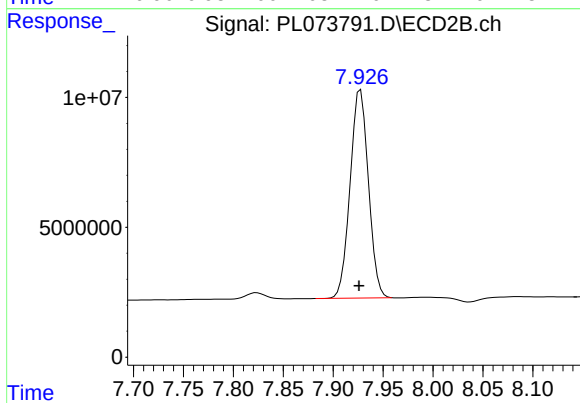
#7 delta-BHC

R.T.: 6.948 min
Delta R.T.: 0.002 min
Response: 118359630
Conc: 54.96 ng/ml



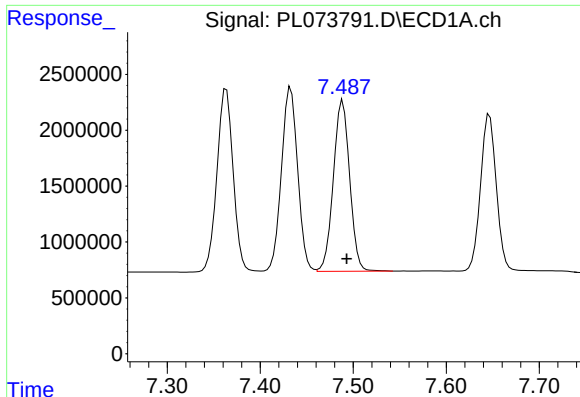
#8 Heptachlor epoxide

R.T.: 7.085 min
Delta R.T.: -0.005 min
Response: 19654237
Conc: 45.60 ng/ml



#8 Heptachlor epoxide

R.T.: 7.927 min
Delta R.T.: 0.001 min
Response: 102396597
Conc: 51.27 ng/ml



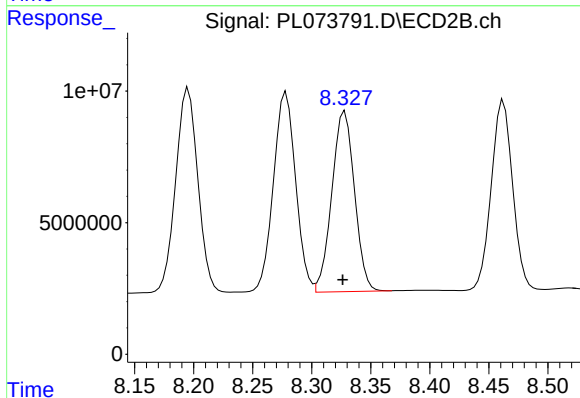
#9 Endosulfan I

R.T.: 7.489 min
Delta R.T.: -0.004 min
Response: 18669434
Conc: 45.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

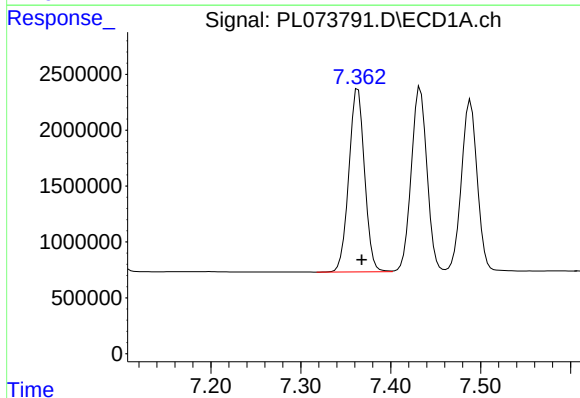
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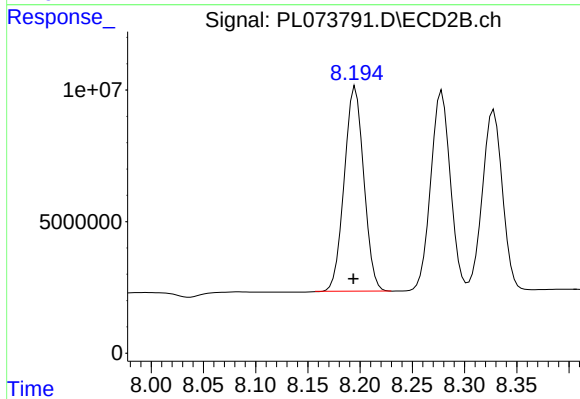
#9 Endosulfan I

R.T.: 8.328 min
Delta R.T.: 0.002 min
Response: 91518687
Conc: 50.14 ng/ml



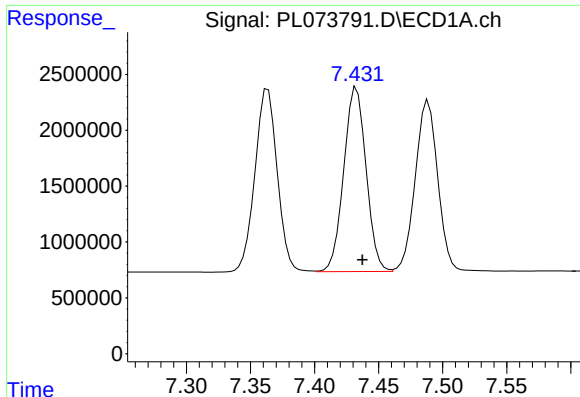
#10 gamma-Chlordane

R.T.: 7.364 min
Delta R.T.: -0.004 min
Response: 19869580
Conc: 45.44 ng/ml



#10 gamma-Chlordane

R.T.: 8.194 min
Delta R.T.: 0.000 min
Response: 101057147
Conc: 49.48 ng/ml m



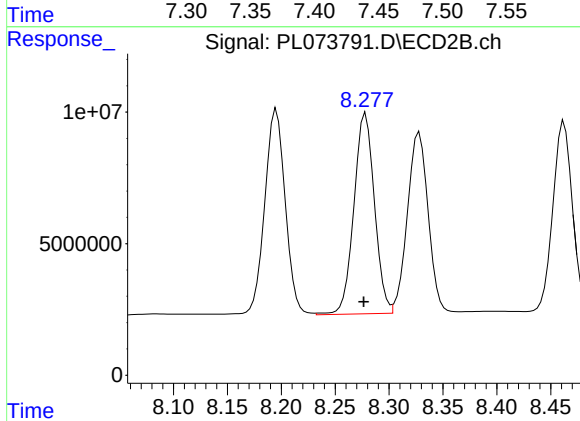
#11 alpha-Chlordane

R.T.: 7.433 min
Delta R.T.: -0.004 min
Response: 20012816
Conc: 45.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

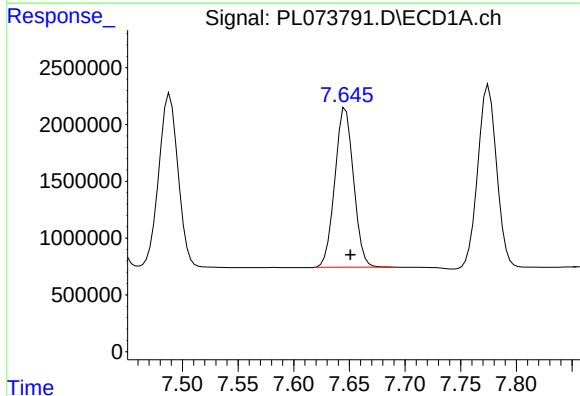
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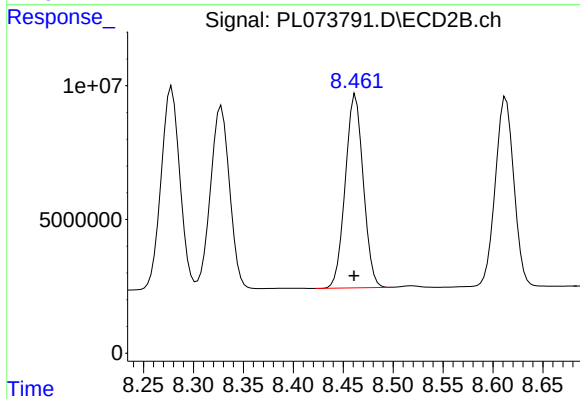
#11 alpha-Chlordane

R.T.: 8.278 min
Delta R.T.: 0.002 min
Response: 101184235
Conc: 50.59 ng/ml



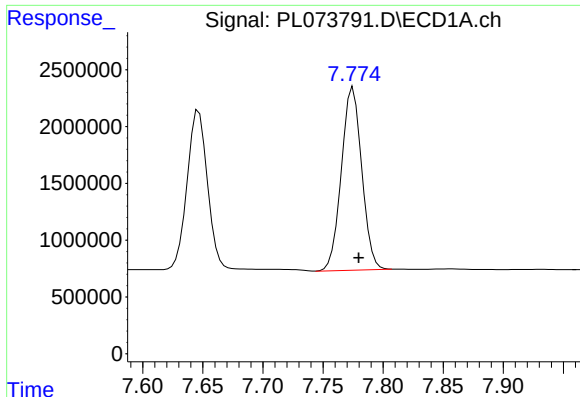
#12 4,4'-DDE

R.T.: 7.647 min
Delta R.T.: -0.004 min
Response: 16375419
Conc: 45.63 ng/ml



#12 4,4'-DDE

R.T.: 8.462 min
Delta R.T.: 0.002 min
Response: 90750764
Conc: 50.63 ng/ml



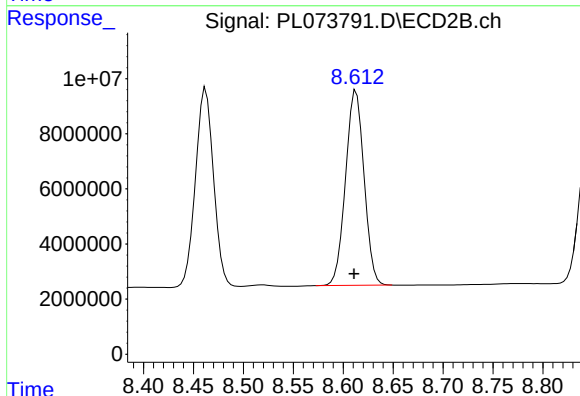
#13 Dieldrin

R.T.: 7.774 min
Delta R.T.: -0.006 min
Response: 19033843
Conc: 45.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

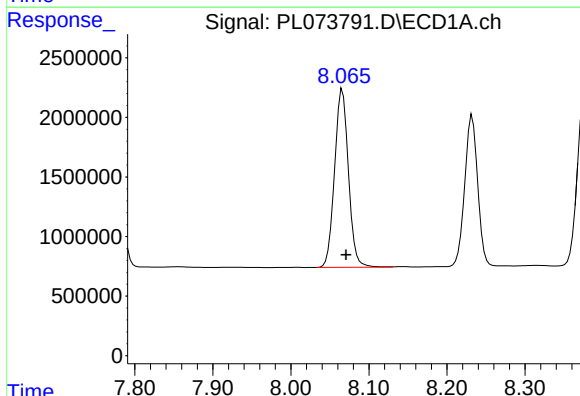
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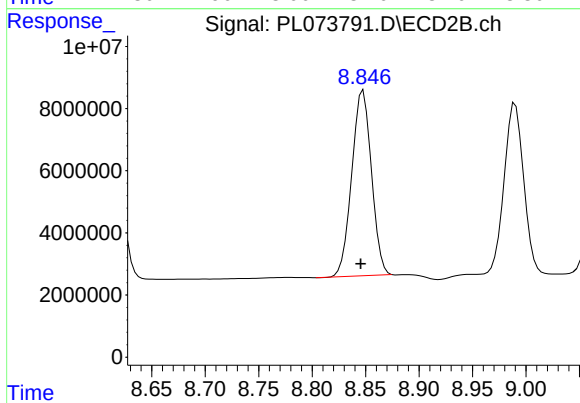
#13 Dieldrin

R.T.: 8.613 min
Delta R.T.: 0.002 min
Response: 91364757
Conc: 49.53 ng/ml



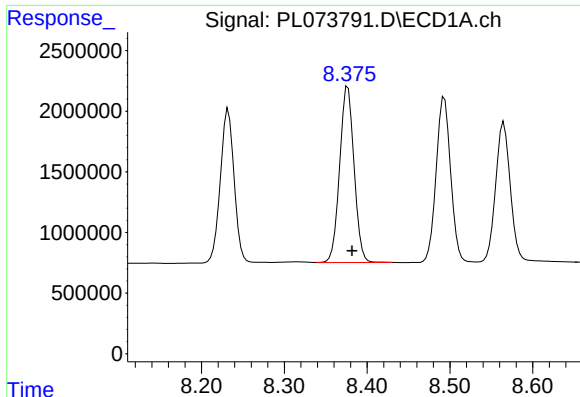
#14 Endrin

R.T.: 8.066 min
Delta R.T.: -0.005 min
Response: 18444232
Conc: 47.54 ng/ml



#14 Endrin

R.T.: 8.848 min
Delta R.T.: 0.002 min
Response: 76479925
Conc: 49.68 ng/ml



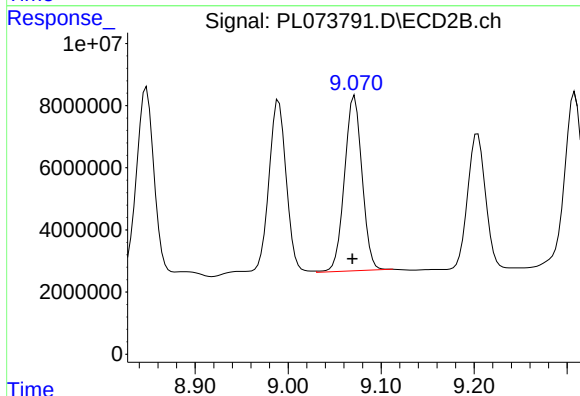
#15 Endosulfan II

R.T.: 8.377 min
Delta R.T.: -0.005 min
Response: 17580820
Conc: 44.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

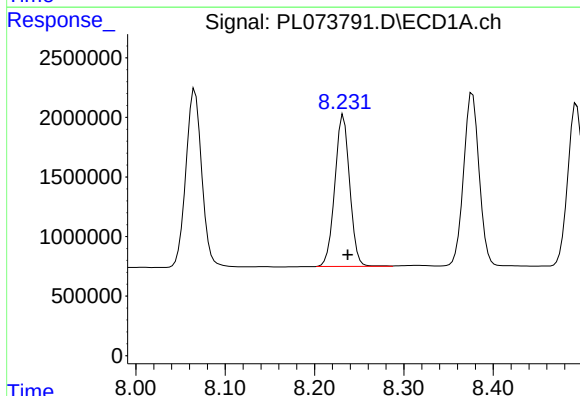
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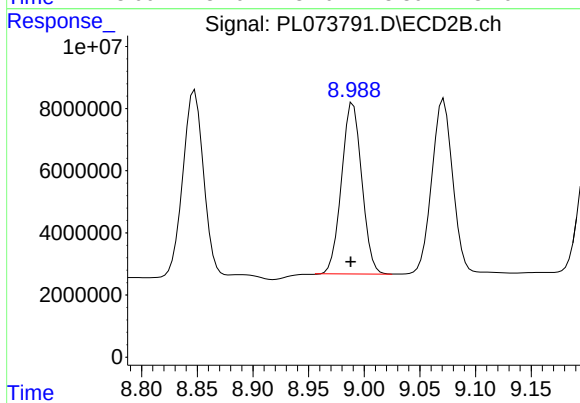
#15 Endosulfan II

R.T.: 9.071 min
Delta R.T.: 0.002 min
Response: 73704553
Conc: 47.99 ng/ml



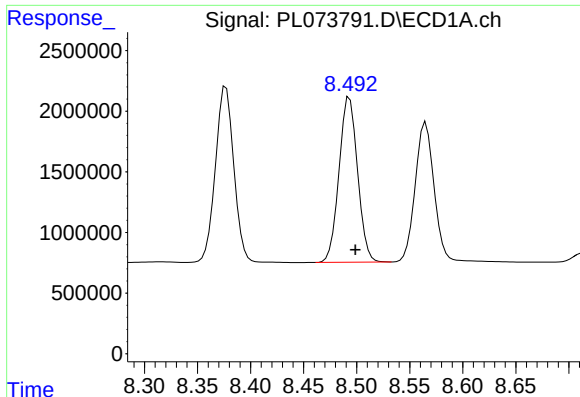
#16 4,4'-DDD

R.T.: 8.232 min
Delta R.T.: -0.005 min
Response: 14699077
Conc: 45.26 ng/ml



#16 4,4'-DDD

R.T.: 8.988 min
Delta R.T.: 0.000 min
Response: 69819418
Conc: 47.83 ng/ml m



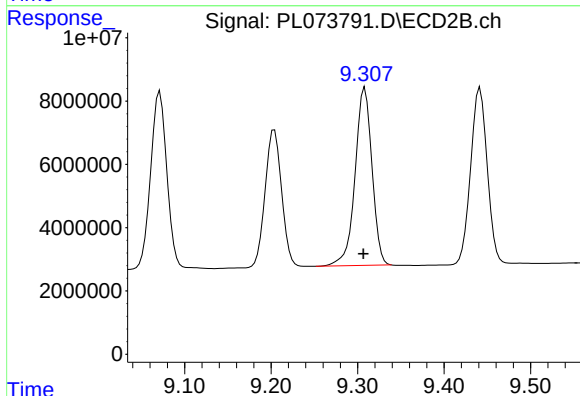
#17 4,4'-DDT

R.T.: 8.493 min
Delta R.T.: -0.005 min
Response: 16531402
Conc: 43.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

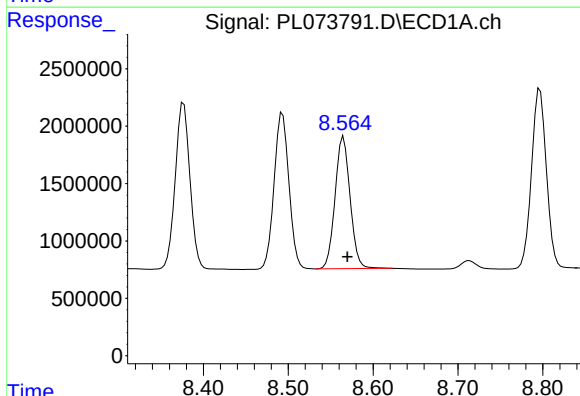
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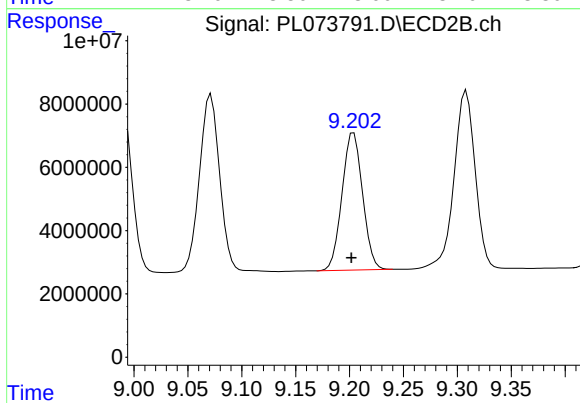
#17 4,4'-DDT

R.T.: 9.308 min
Delta R.T.: 0.002 min
Response: 76364656
Conc: 46.72 ng/ml



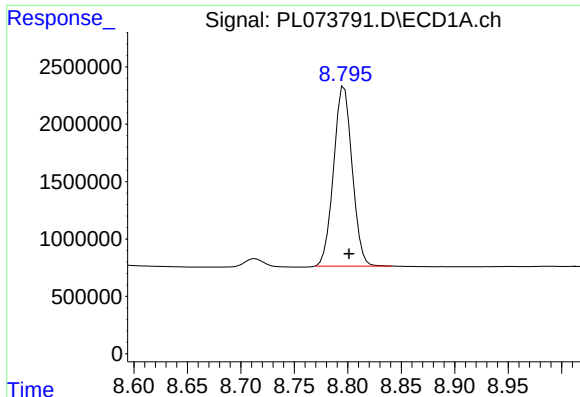
#18 Endrin aldehyde

R.T.: 8.565 min
Delta R.T.: -0.005 min
Response: 14154167
Conc: 44.76 ng/ml



#18 Endrin aldehyde

R.T.: 9.202 min
Delta R.T.: 0.000 min
Response: 57682289
Conc: 47.04 ng/ml m



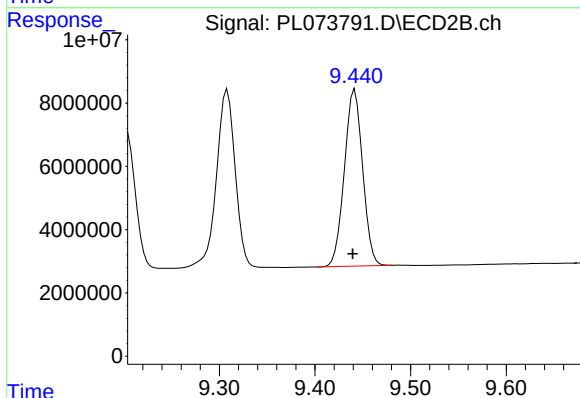
#19 Endosulfan Sulfate

R.T.: 8.797 min
Delta R.T.: -0.004 min
Response: 18929130
Conc: 44.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

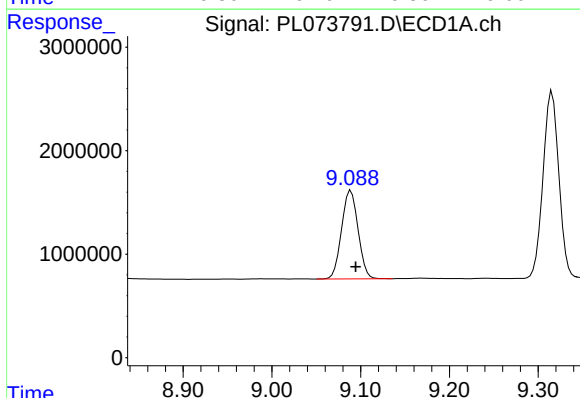
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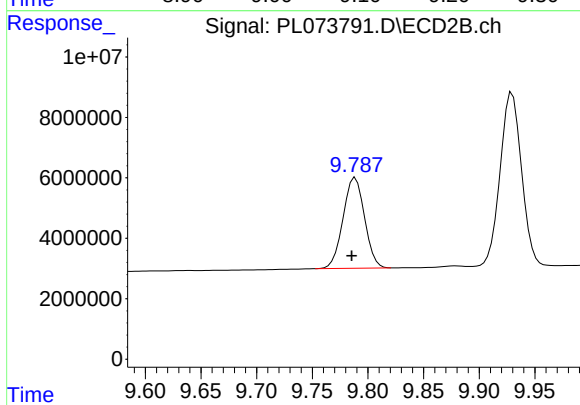
#19 Endosulfan Sulfate

R.T.: 9.442 min
Delta R.T.: 0.002 min
Response: 74386827
Conc: 47.20 ng/ml



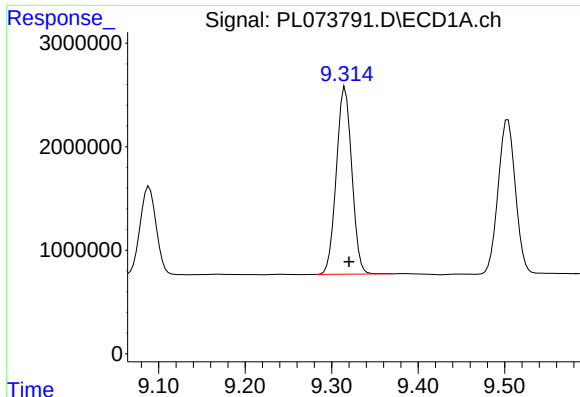
#20 Methoxychlor

R.T.: 9.089 min
Delta R.T.: -0.005 min
Response: 11034047
Conc: 43.01 ng/ml



#20 Methoxychlor

R.T.: 9.789 min
Delta R.T.: 0.003 min
Response: 40423913
Conc: 44.86 ng/ml



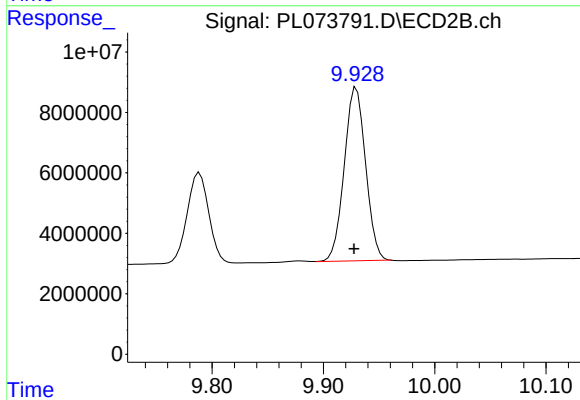
#21 Endrin ketone

R.T.: 9.316 min
Delta R.T.: -0.004 min
Response: 22344493
Conc: 45.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

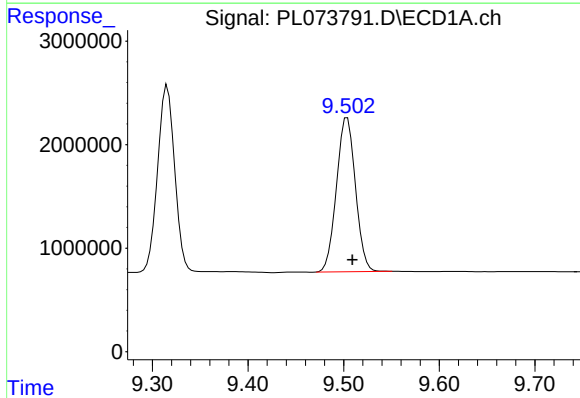
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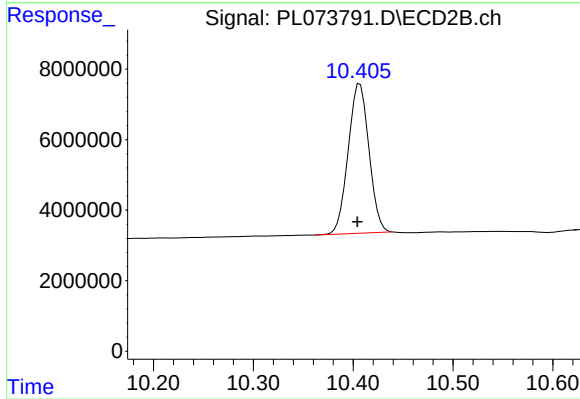
#21 Endrin ketone

R.T.: 9.930 min
Delta R.T.: 0.002 min
Response: 76538146
Conc: 46.37 ng/ml



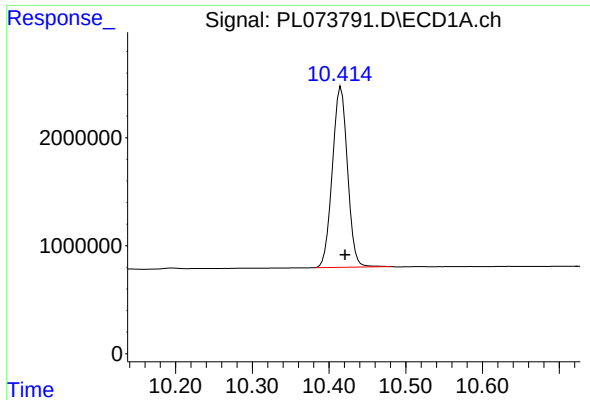
#22 Mirex

R.T.: 9.504 min
Delta R.T.: -0.005 min
Response: 20545300
Conc: 43.57 ng/ml



#22 Mirex

R.T.: 10.407 min
Delta R.T.: 0.003 min
Response: 61415890
Conc: 45.21 ng/ml



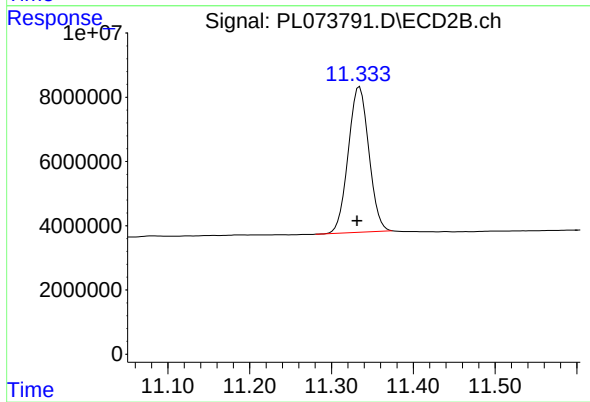
#28 Decachlorobiphenyl

R.T.: 10.416 min
Delta R.T.: -0.005 min
Response: 22943459
Conc: 45.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 11.334 min
Delta R.T.: 0.003 min
Response: 79068211
Conc: 44.22 ng/ml