

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032422\
 Data File : PL073660.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Mar 2022 15:31
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 25 01:27:44 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...	4.641	5.491	16339851	90871161	51.016	55.367
28)	SA Decachlor...	10.416	11.333	25470645	89194056	50.090	49.880
Target Compounds							
2)	A alpha-BHC	5.350	6.054	21518582	130.1E6	52.204	57.838
3)	MA gamma-BHC...	5.773	6.444	21403136	120.6E6	51.310	56.508
4)	MA Heptachlor	6.184	7.103	22753258	127.3E6	50.428	54.317
5)	MB Aldrin	6.510	7.471	21074041	116.1E6	51.006	55.423
6)	B beta-BHC	6.153	6.680	10878485	55297505	52.835	53.050
7)	B delta-BHC	6.415	6.947	21654645	121.5E6	53.914	56.422
8)	B Heptachlo...	7.087	7.926	21802081	107.9E6	50.587	54.001
9)	A Endosulfan I	7.490	8.327	20855915	98497793	50.841	53.960
10)	B gamma-Chl...	7.364	8.193	22138739	109.0E6	50.626	53.345m
11)	B alpha-Chl...	7.434	8.276	22377229	106.8E6	50.635	53.420m
12)	B 4,4'-DDE	7.648	8.462	18547352	96844332	51.687	54.031
13)	MA Dieldrin	7.777	8.612	22110467	97702306	53.071	52.963
14)	MA Endrin	8.068	8.846	20572912	81116518	53.022	52.693
15)	B Endosulfa...	8.378	9.070	19894575	79104796	50.897	51.506
16)	A 4,4'-DDD	8.234	8.989	16835235	76138327	51.842	52.160
17)	MA 4,4'-DDT	8.495	9.308	18728284	81250569	49.522	49.709
18)	B Endrin al...	8.567	9.201	16012500	62634199	50.633	51.075m
19)	B Endosulfa...	8.798	9.440	21359914	80557029	50.565	51.113
20)	A Methoxychlor	9.091	9.787	12405891	43161979	48.360	47.901
21)	B Endrin ke...	9.317	9.929	25433040	84654788	51.986	51.288
22)	Mirex	9.505	10.405	23101254	67249469	48.989	49.504

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

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 Data File : PL073660.D
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 Acq On : 24 Mar 2022 15:31
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

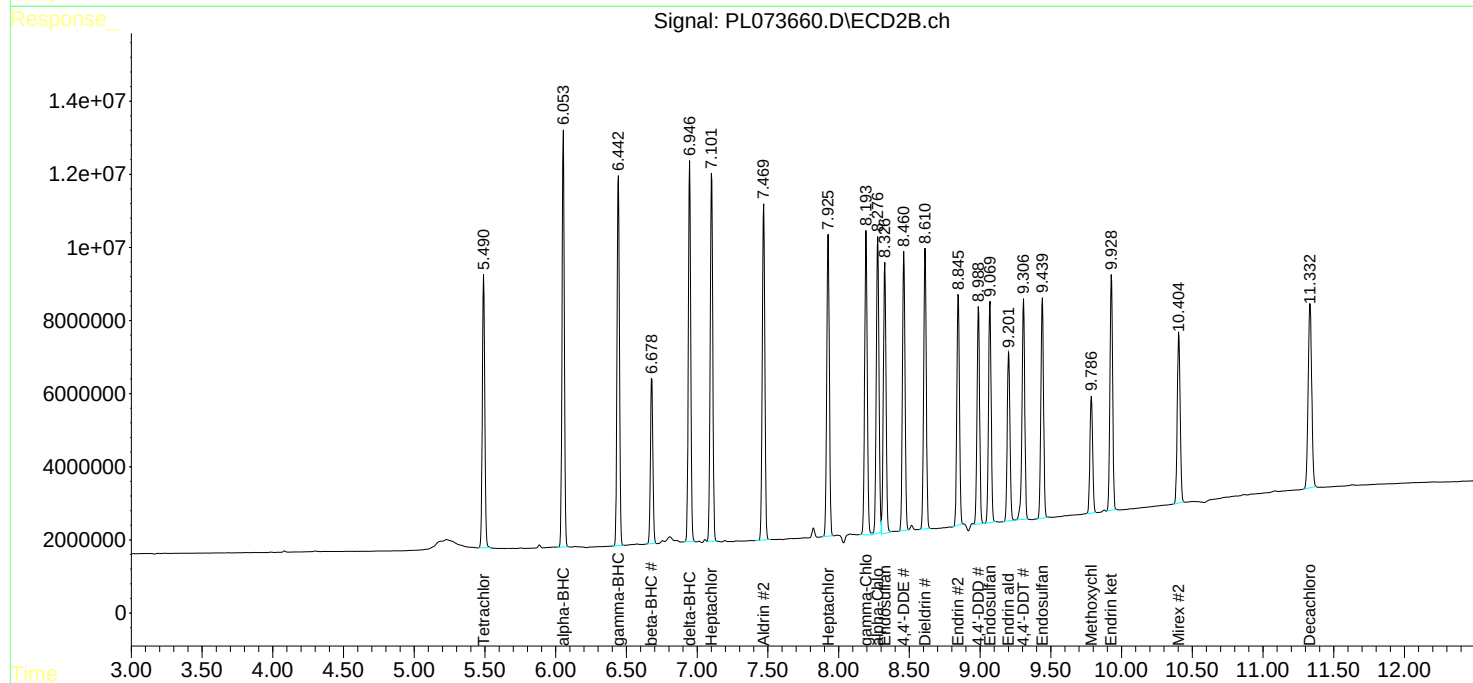
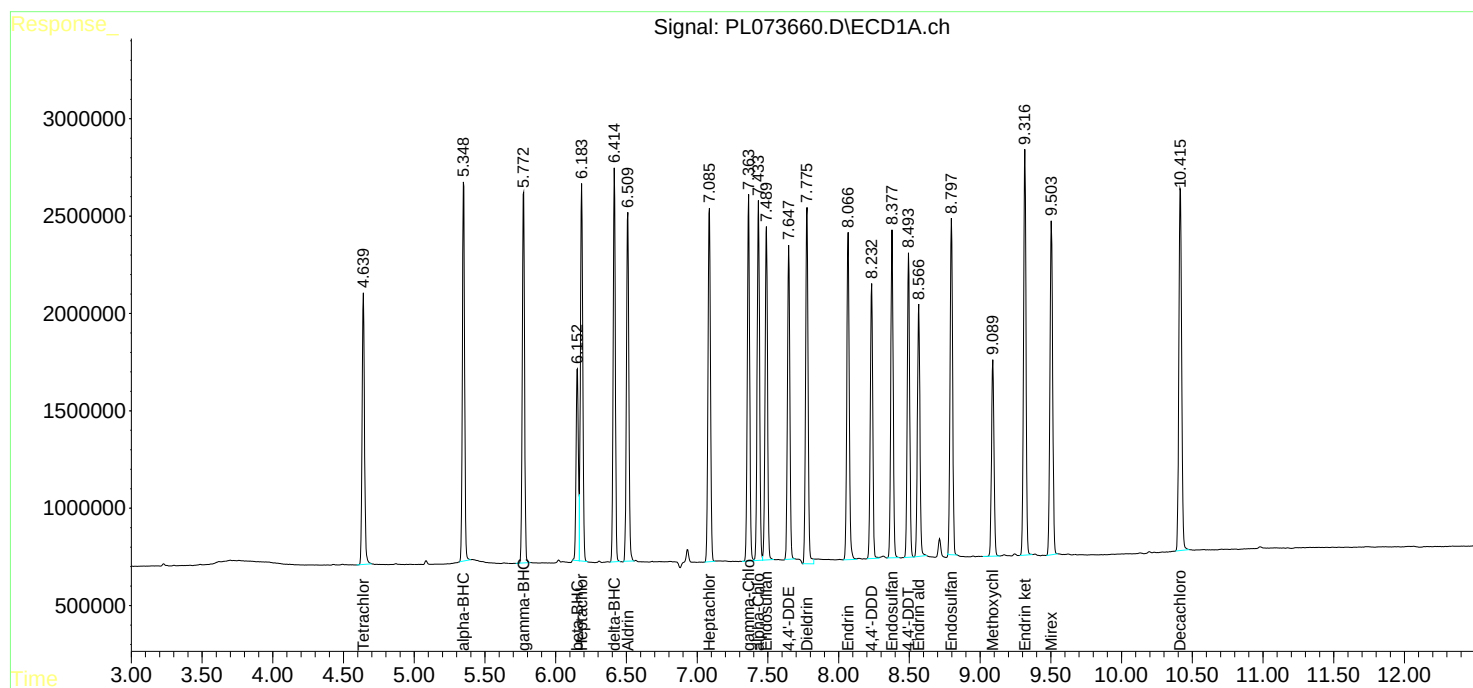
APPROVED

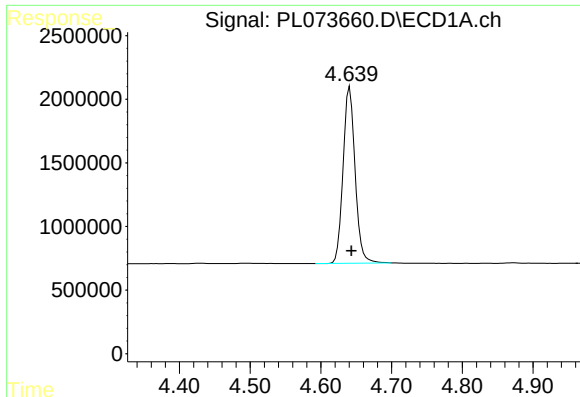
Reviewed By :Abdul Mirza 03/25/2022

Supervised By :mohammad ahmed 03/25/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 25 01:27:44 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031122.M
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





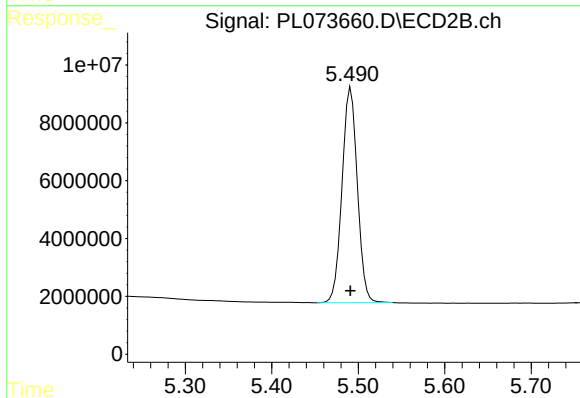
#1 Tetrachloro-m-xylene

R.T.: 4.641 min
Delta R.T.: -0.002 min
Response: 16339851
Conc: 51.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

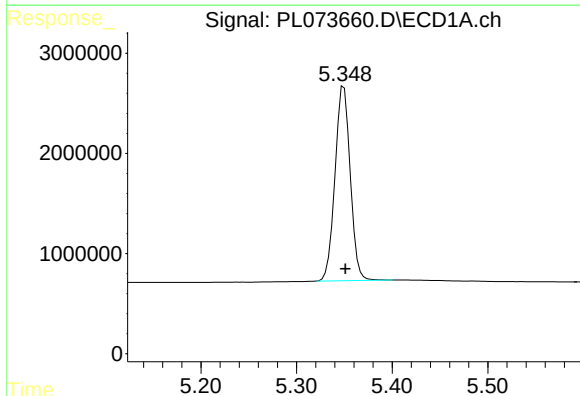
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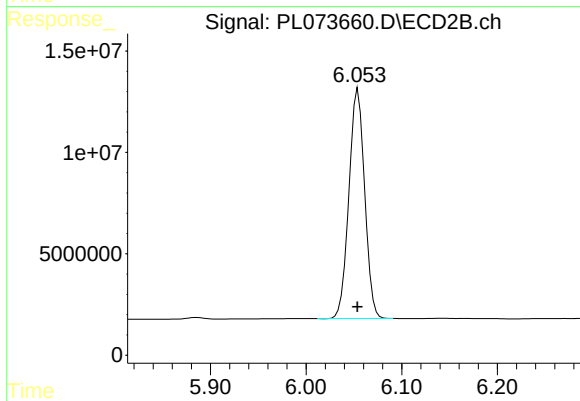
#1 Tetrachloro-m-xylene

R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 90871161
Conc: 55.37 ng/ml



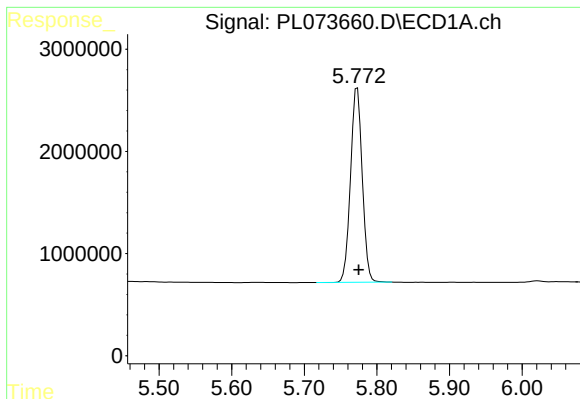
#2 alpha-BHC

R.T.: 5.350 min
Delta R.T.: -0.002 min
Response: 21518582
Conc: 52.20 ng/ml



#2 alpha-BHC

R.T.: 6.054 min
Delta R.T.: 0.000 min
Response: 130114482
Conc: 57.84 ng/ml



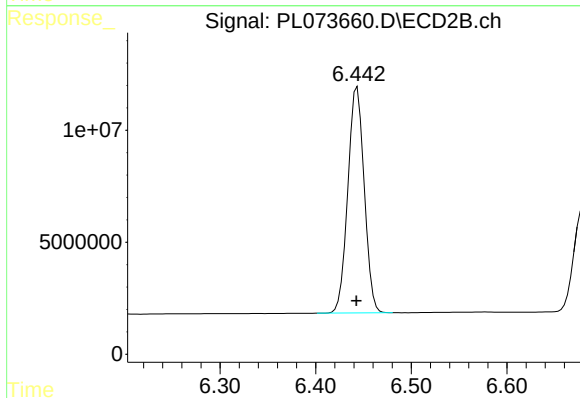
#3 gamma-BHC (Lindane)

R.T.: 5.773 min
Delta R.T.: -0.002 min
Response: 21403136
Conc: 51.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

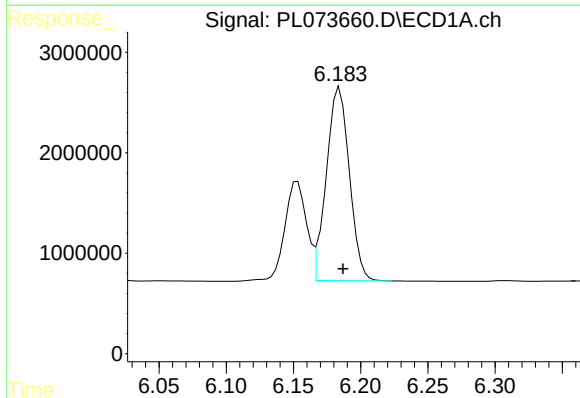
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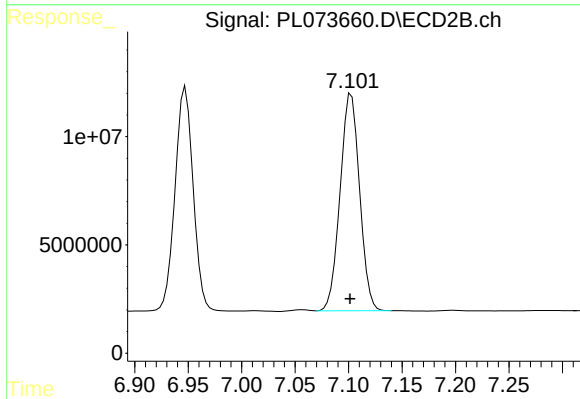
#3 gamma-BHC (Lindane)

R.T.: 6.444 min
Delta R.T.: 0.000 min
Response: 120649761
Conc: 56.51 ng/ml



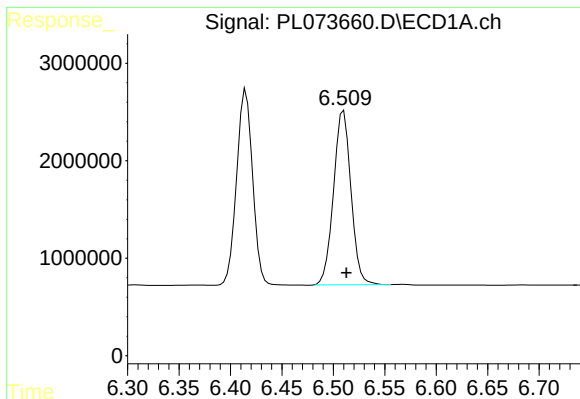
#4 Heptachlor

R.T.: 6.184 min
Delta R.T.: -0.003 min
Response: 22753258
Conc: 50.43 ng/ml



#4 Heptachlor

R.T.: 7.103 min
Delta R.T.: 0.001 min
Response: 127270833
Conc: 54.32 ng/ml



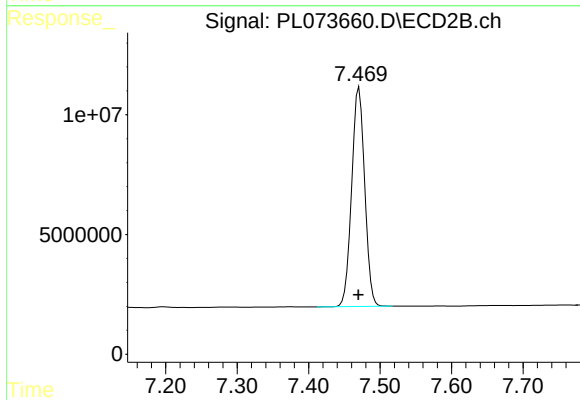
#5 Aldrin

R.T.: 6.510 min
Delta R.T.: -0.003 min
Response: 21074041
Conc: 51.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

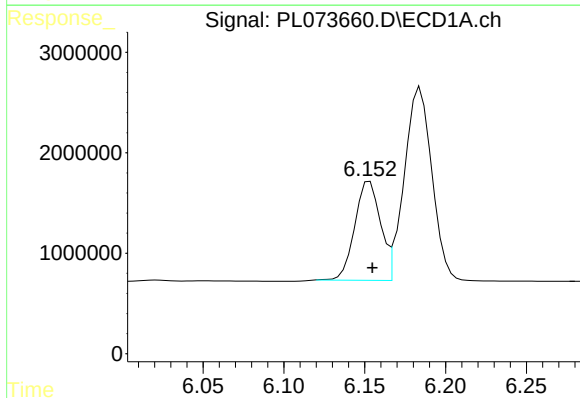
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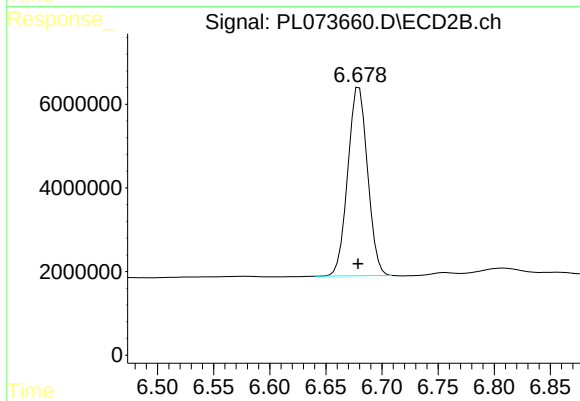
#5 Aldrin

R.T.: 7.471 min
Delta R.T.: 0.000 min
Response: 116109451
Conc: 55.42 ng/ml



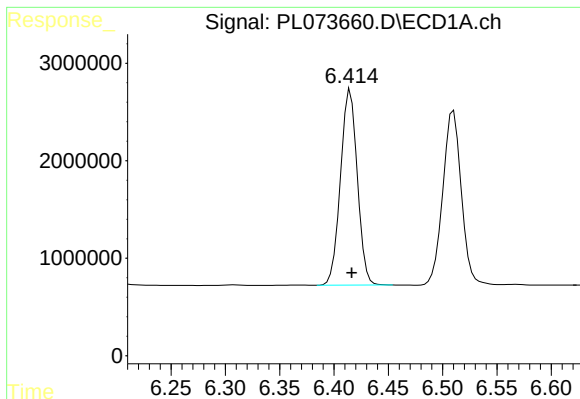
#6 beta-BHC

R.T.: 6.153 min
Delta R.T.: -0.002 min
Response: 10878485
Conc: 52.83 ng/ml



#6 beta-BHC

R.T.: 6.680 min
Delta R.T.: 0.000 min
Response: 55297505
Conc: 53.05 ng/ml



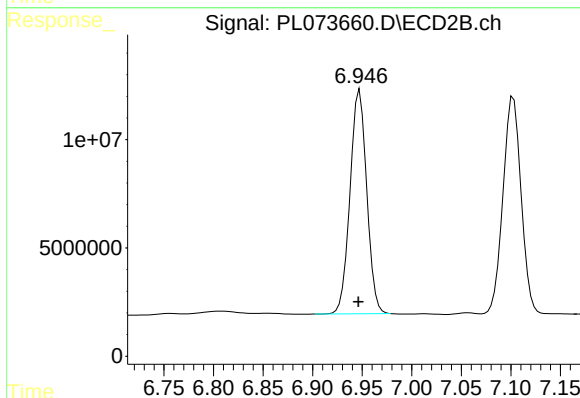
#7 delta-BHC

R.T.: 6.415 min
Delta R.T.: -0.001 min
Response: 21654645
Conc: 53.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

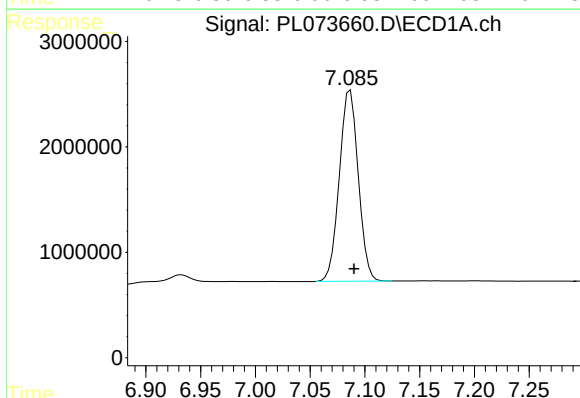
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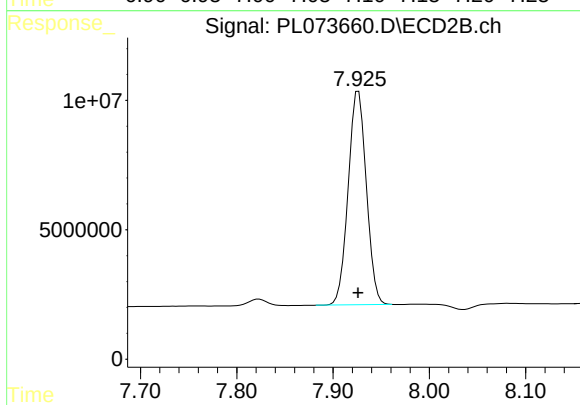
#7 delta-BHC

R.T.: 6.947 min
Delta R.T.: 0.001 min
Response: 121507805
Conc: 56.42 ng/ml



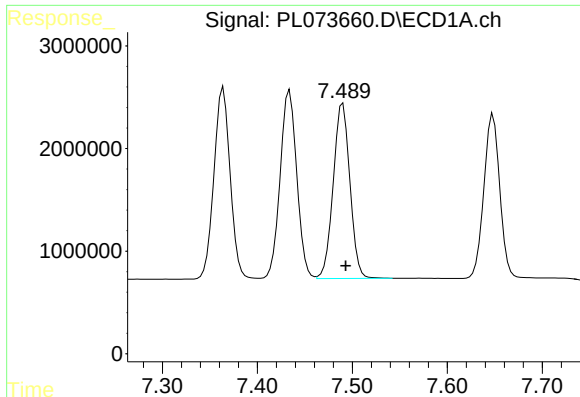
#8 Heptachlor epoxide

R.T.: 7.087 min
Delta R.T.: -0.003 min
Response: 21802081
Conc: 50.59 ng/ml



#8 Heptachlor epoxide

R.T.: 7.926 min
Delta R.T.: 0.000 min
Response: 107857675
Conc: 54.00 ng/ml



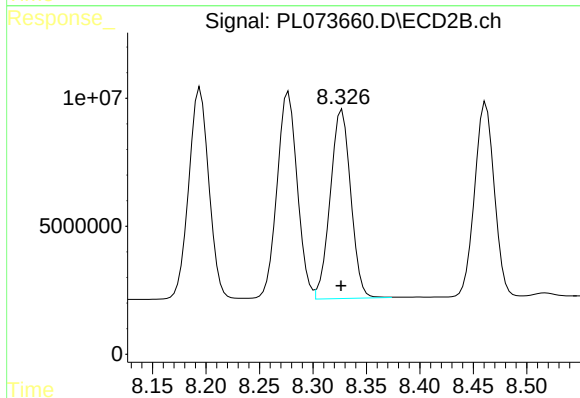
#9 Endosulfan I

R.T.: 7.490 min
Delta R.T.: -0.003 min
Response: 20855915
Conc: 50.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

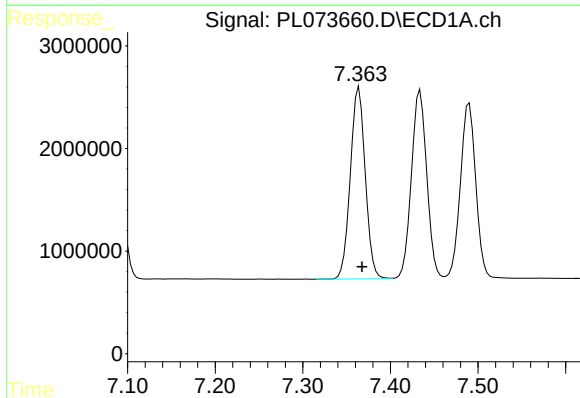
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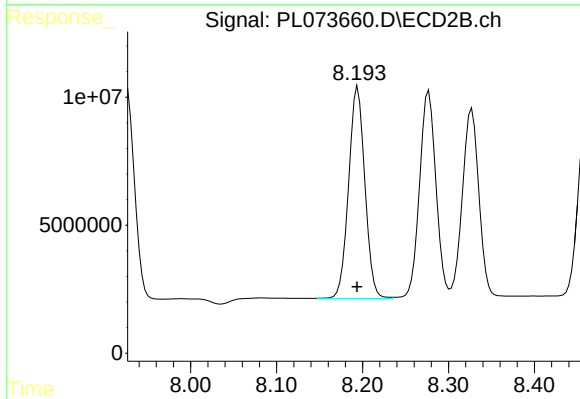
#9 Endosulfan I

R.T.: 8.327 min
Delta R.T.: 0.000 min
Response: 98497793
Conc: 53.96 ng/ml



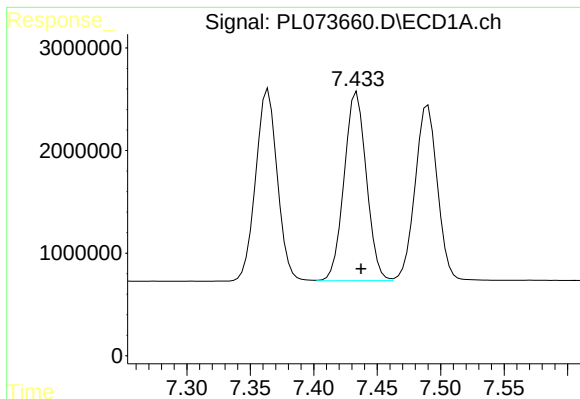
#10 gamma-Chlordane

R.T.: 7.364 min
Delta R.T.: -0.004 min
Response: 22138739
Conc: 50.63 ng/ml



#10 gamma-Chlordane

R.T.: 8.193 min
Delta R.T.: 0.000 min
Response: 108952098
Conc: 53.34 ng/ml m



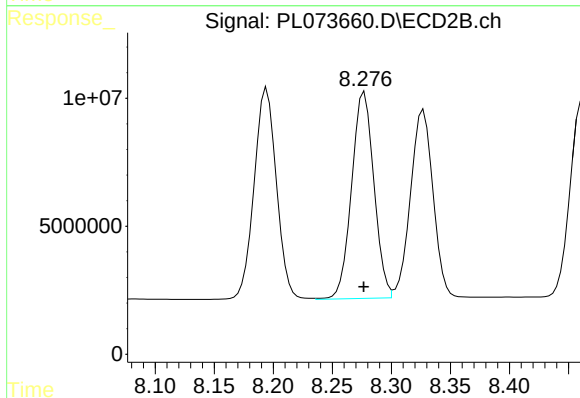
#11 alpha-Chlordane

R.T.: 7.434 min
Delta R.T.: -0.003 min
Response: 22377229
Conc: 50.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

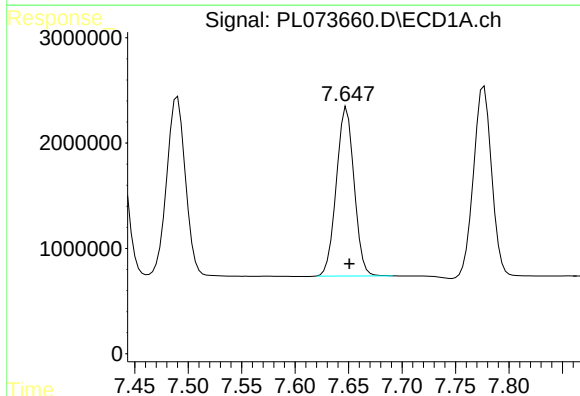
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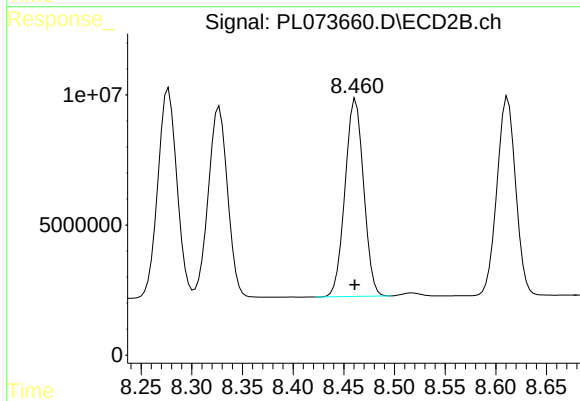
#11 alpha-Chlordane

R.T.: 8.276 min
Delta R.T.: 0.000 min
Response: 106840088
Conc: 53.42 ng/ml m



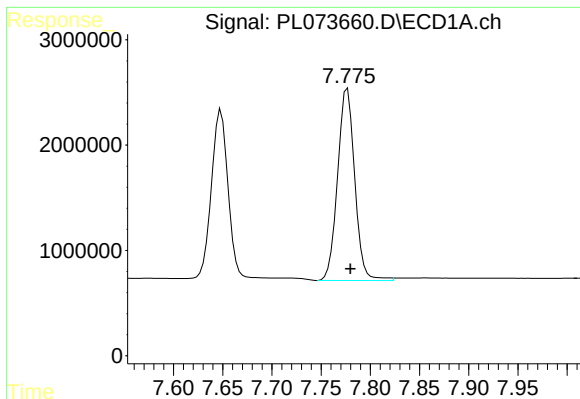
#12 4,4'-DDE

R.T.: 7.648 min
Delta R.T.: -0.003 min
Response: 18547352
Conc: 51.69 ng/ml



#12 4,4'-DDE

R.T.: 8.462 min
Delta R.T.: 0.000 min
Response: 96844332
Conc: 54.03 ng/ml



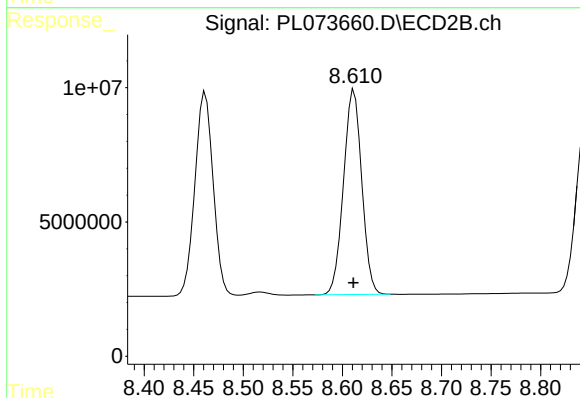
#13 Dieldrin

R.T.: 7.777 min
Delta R.T.: -0.003 min
Response: 22110467
Conc: 53.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

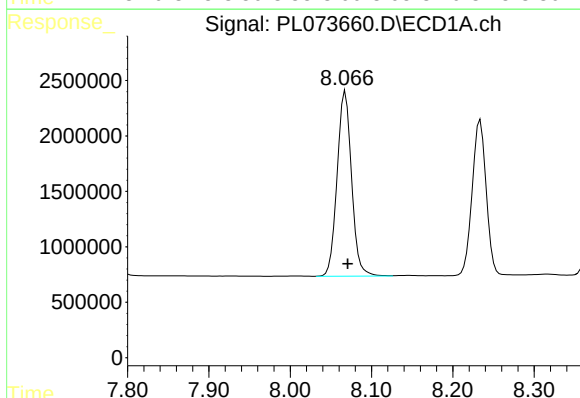
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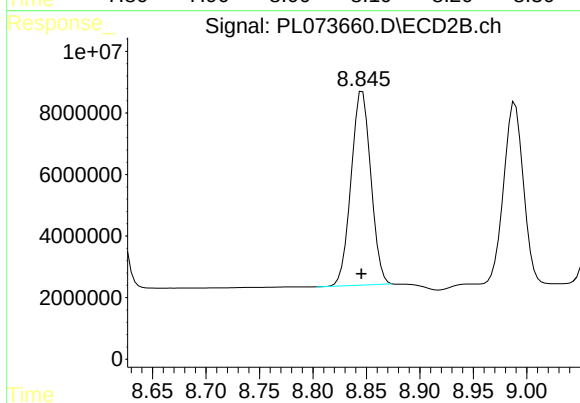
#13 Dieldrin

R.T.: 8.612 min
Delta R.T.: 0.000 min
Response: 97702306
Conc: 52.96 ng/ml



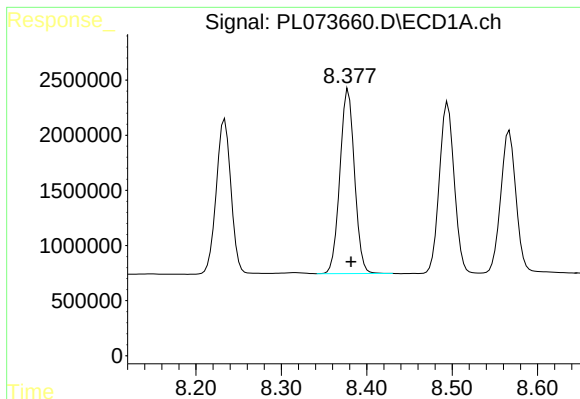
#14 Endrin

R.T.: 8.068 min
Delta R.T.: -0.003 min
Response: 20572912
Conc: 53.02 ng/ml



#14 Endrin

R.T.: 8.846 min
Delta R.T.: 0.000 min
Response: 81116518
Conc: 52.69 ng/ml



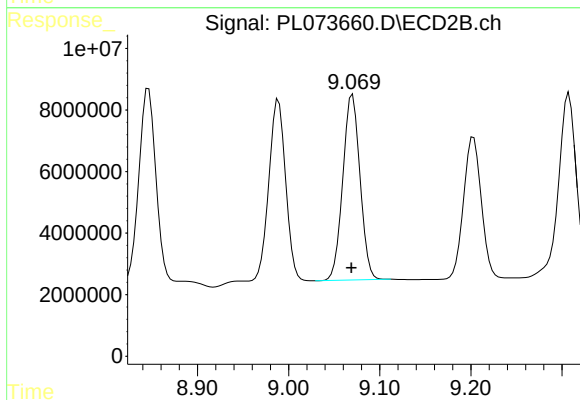
#15 Endosulfan II

R.T.: 8.378 min
Delta R.T.: -0.003 min
Response: 19894575
Conc: 50.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

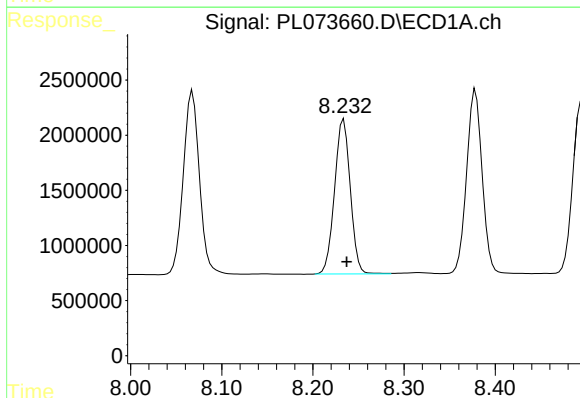
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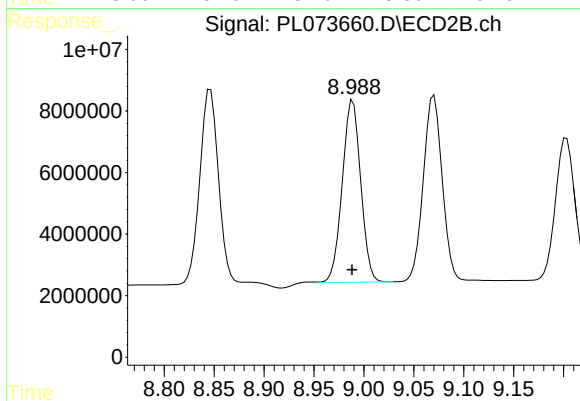
#15 Endosulfan II

R.T.: 9.070 min
Delta R.T.: 0.001 min
Response: 79104796
Conc: 51.51 ng/ml



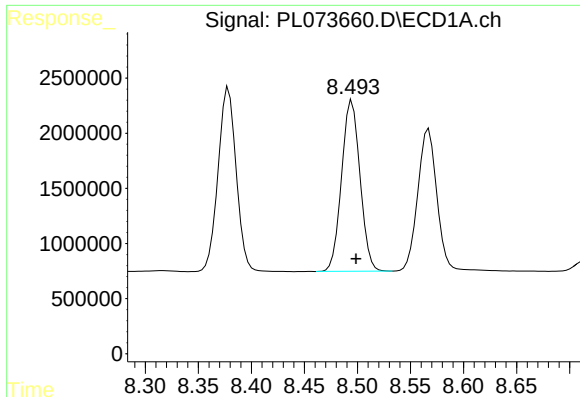
#16 4,4'-DDD

R.T.: 8.234 min
Delta R.T.: -0.003 min
Response: 16835235
Conc: 51.84 ng/ml



#16 4,4'-DDD

R.T.: 8.989 min
Delta R.T.: 0.000 min
Response: 76138327
Conc: 52.16 ng/ml



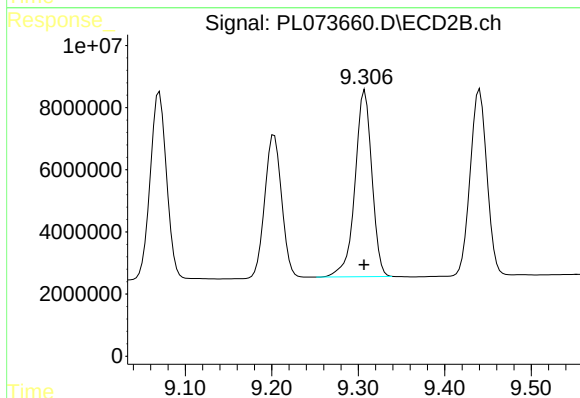
#17 4,4'-DDT

R.T.: 8.495 min
Delta R.T.: -0.004 min
Response: 18728284
Conc: 49.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

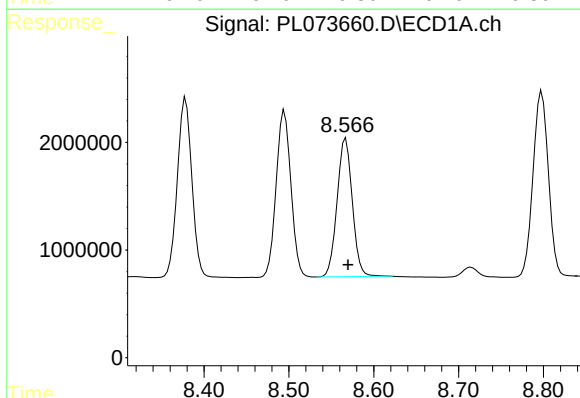
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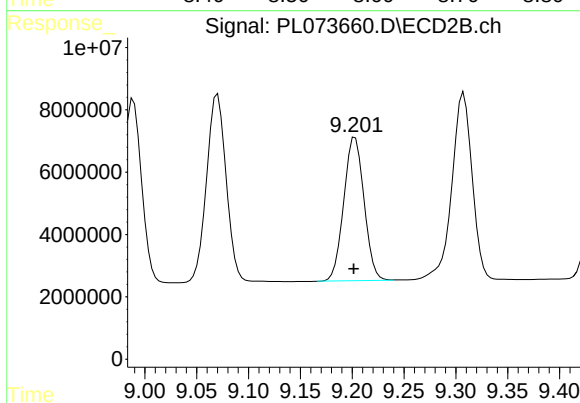
#17 4,4'-DDT

R.T.: 9.308 min
Delta R.T.: 0.001 min
Response: 81250569
Conc: 49.71 ng/ml



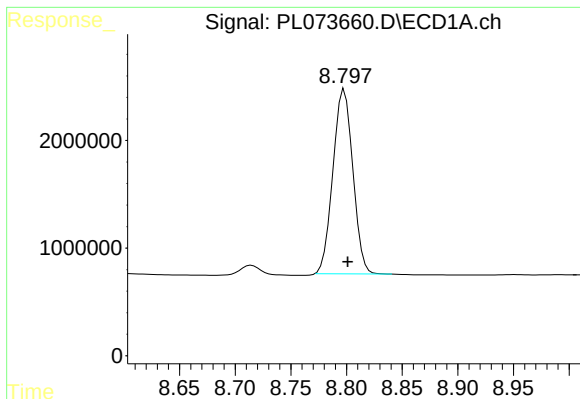
#18 Endrin aldehyde

R.T.: 8.567 min
Delta R.T.: -0.003 min
Response: 16012500
Conc: 50.63 ng/ml



#18 Endrin aldehyde

R.T.: 9.201 min
Delta R.T.: 0.000 min
Response: 62634199
Conc: 51.08 ng/ml m



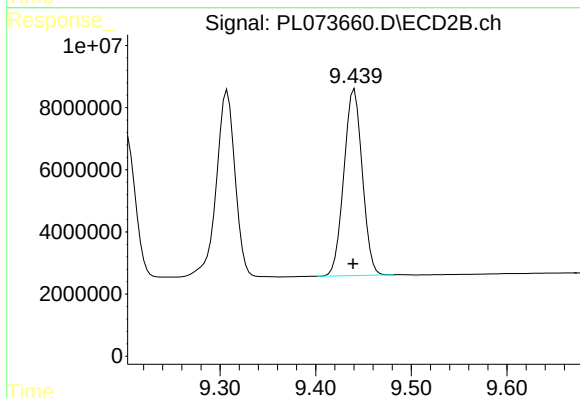
#19 Endosulfan Sulfate

R.T.: 8.798 min
Delta R.T.: -0.003 min
Response: 21359914
Conc: 50.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

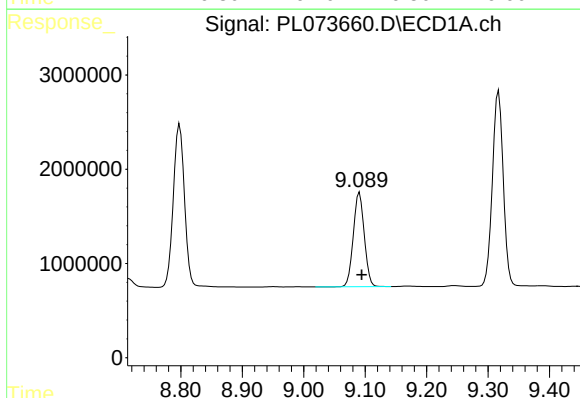
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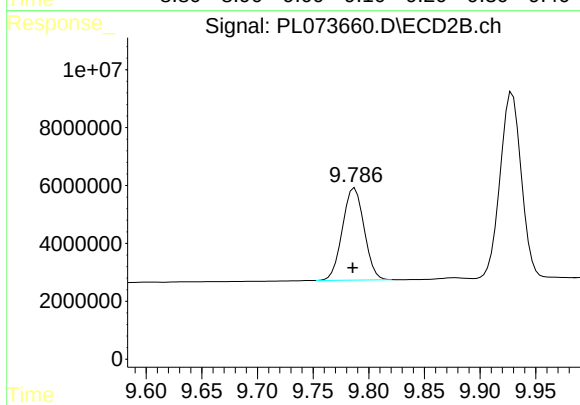
#19 Endosulfan Sulfate

R.T.: 9.440 min
Delta R.T.: 0.001 min
Response: 80557029
Conc: 51.11 ng/ml



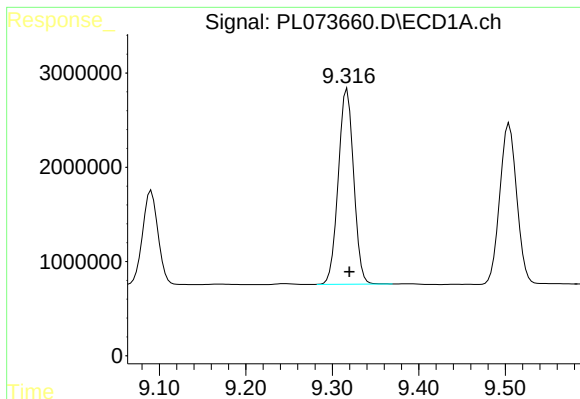
#20 Methoxychlor

R.T.: 9.091 min
Delta R.T.: -0.004 min
Response: 12405891
Conc: 48.36 ng/ml



#20 Methoxychlor

R.T.: 9.787 min
Delta R.T.: 0.002 min
Response: 43161979
Conc: 47.90 ng/ml



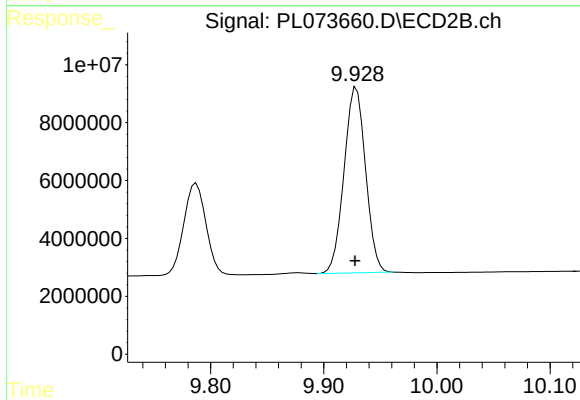
#21 Endrin ketone

R.T.: 9.317 min
Delta R.T.: -0.003 min
Response: 25433040
Conc: 51.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

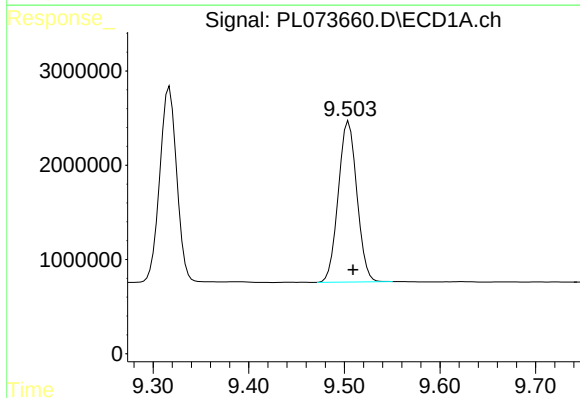
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Reviewed By :Abdul Mirza 03/25/2022
Supervised By :mohammad ahmed 03/25/2022



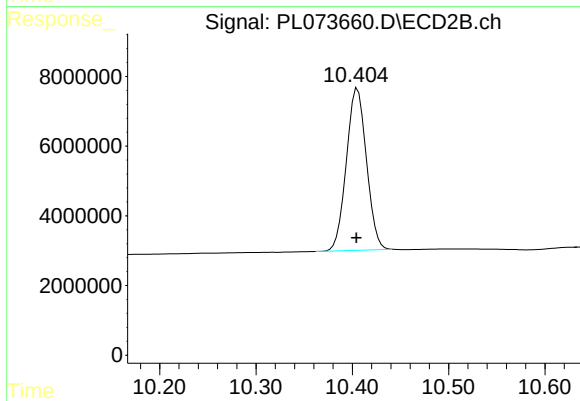
#21 Endrin ketone

R.T.: 9.929 min
Delta R.T.: 0.001 min
Response: 84654788
Conc: 51.29 ng/ml



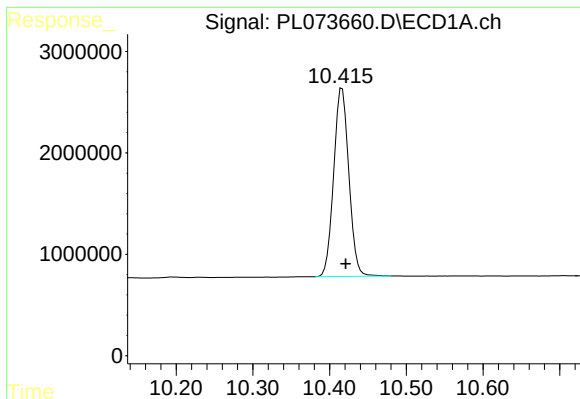
#22 Mirex

R.T.: 9.505 min
Delta R.T.: -0.005 min
Response: 23101254
Conc: 48.99 ng/ml



#22 Mirex

R.T.: 10.405 min
Delta R.T.: 0.001 min
Response: 67249469
Conc: 49.50 ng/ml



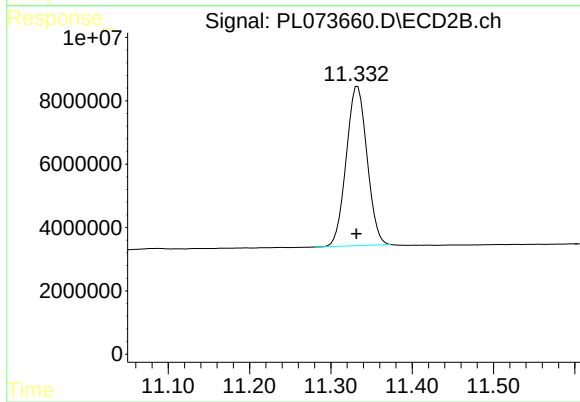
#28 Decachlorobiphenyl

R.T.: 10.416 min
Delta R.T.: -0.005 min
Response: 25470645
Conc: 50.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 11.333 min
Delta R.T.: 0.002 min
Response: 89194056
Conc: 49.88 ng/ml