

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040422\
 Data File : PL073807.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 Apr 2022 20:43
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/05/2022
 Supervised By : mohammad ahmed 04/05/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 05 02:06:43 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	16267204	93038476	50.790	56.688
28)	SA Decachlor...	10.414	11.333	23698963	76922754	46.606	43.017
Target Compounds							
2)	A alpha-BHC	5.348	6.055	21176901	134.0E6	51.375	59.553
3)	MA gamma-BHC...	5.771	6.444	21033121	124.3E6	50.423	58.220
4)	MA Heptachlor	6.183	7.103	20236025	119.0E6	44.849	50.797
5)	MB Aldrin	6.508	7.471	20519715	118.7E6	49.664	56.679
6)	B beta-BHC	6.151	6.680	10696018	56599582	51.949	54.299
7)	B delta-BHC	6.413	6.948	21119398	123.1E6	52.582	57.164
8)	B Heptachlo...	7.085	7.927	21202644	104.4E6	49.196	52.261
9)	A Endosulfan I	7.488	8.328	20405516	90988848	49.743	49.846
10)	B gamma-Chl...	7.362	8.194	21802961	103.5E6	49.858	50.683m
11)	B alpha-Chl...	7.432	8.278	21847832	100.5E6	49.437	50.251
12)	B 4,4'-DDE	7.646	8.462	18193067	90324418	50.700	50.394
13)	MA Dieldrin	7.775	8.613	20576491	91239854	49.389	49.460
14)	MA Endrin	8.065	8.847	20022855	73574756	51.605	47.794
15)	B Endosulfa...	8.376	9.071	19131101	70463030	48.944	45.879
16)	A 4,4'-DDD	8.232	8.990	16384715	72327966	50.455	49.550
17)	MA 4,4'-DDT	8.492	9.309	17109484	68418188	45.241	41.858
18)	B Endrin al...	8.565	9.202	14911595	53025305	47.152	43.240m
19)	B Endosulfa...	8.795	9.441	20624807	71331283	48.825m	45.259
20)	A Methoxychlor	9.088	9.788	10817255	36168226	42.167	40.139
21)	B Endrin ke...	9.315	9.929	23925074	73722634	48.904	44.664
22)	Mirex	9.502	10.406	21692981	58274257	46.002	42.897

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

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 Data File : PL073807.D
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 Acq On : 04 Apr 2022 20:43
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 Sample : PSTDCCC050
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Instrument :

ECD_L

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PSTDCCC050

Manual Integrations

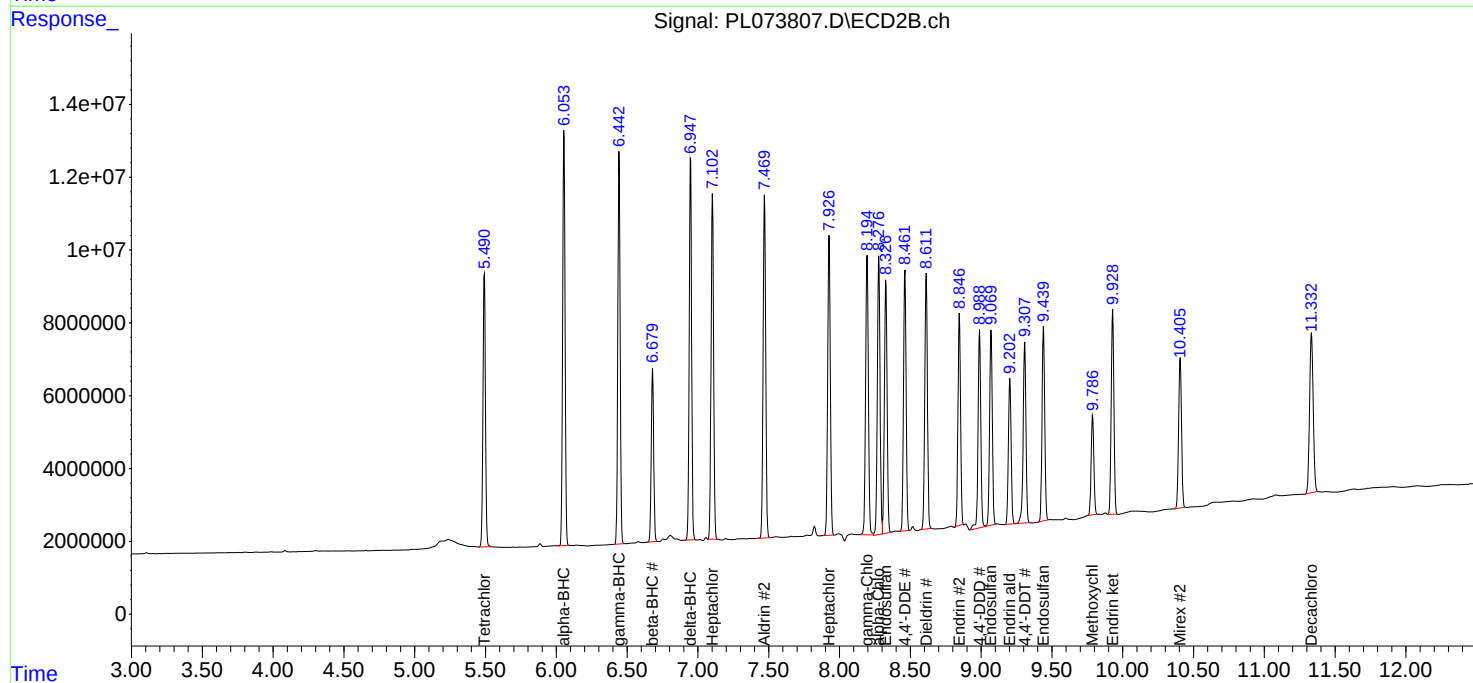
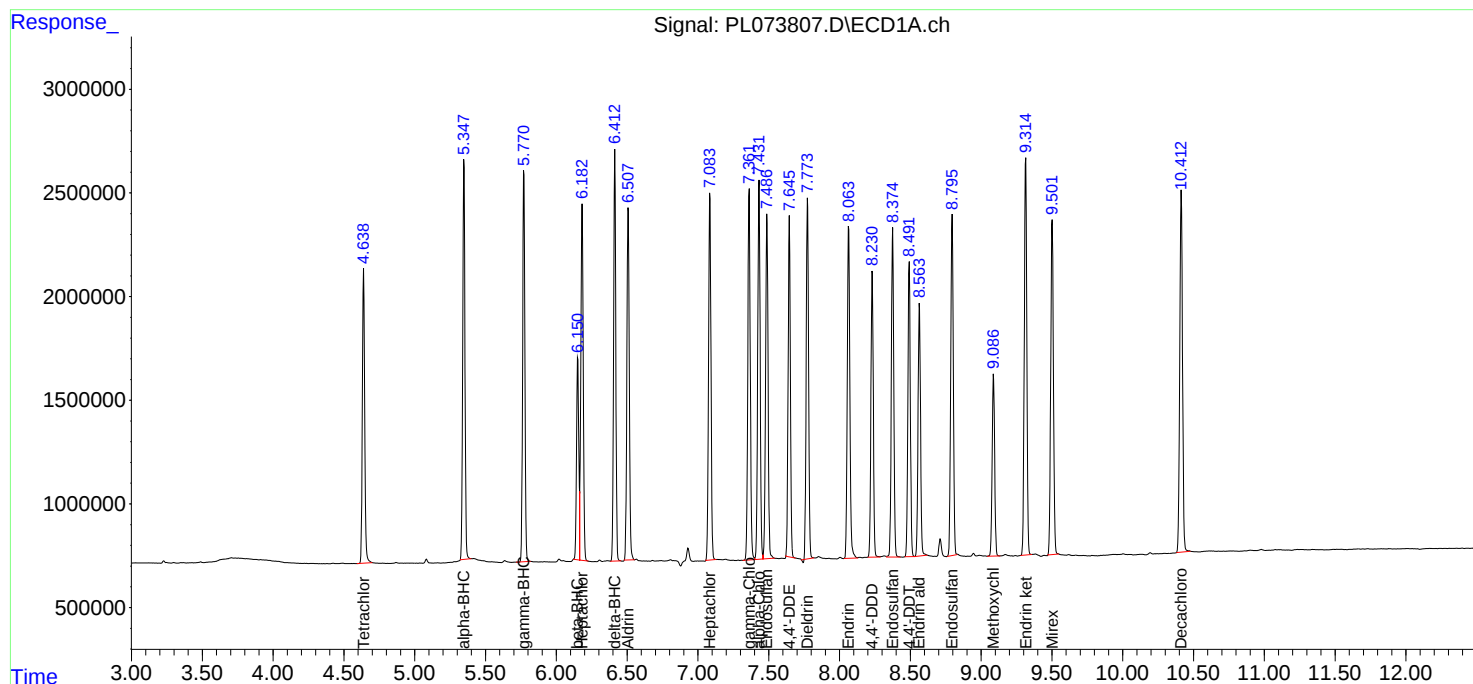
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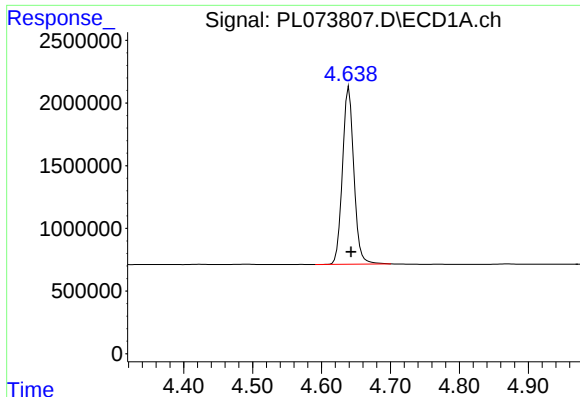
Reviewed By :Abdul Mirza 04/05/2022

Supervised By :mohammad ahmed 04/05/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 05 02:06:43 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031122.M
 Quant Title : GC Extractables
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





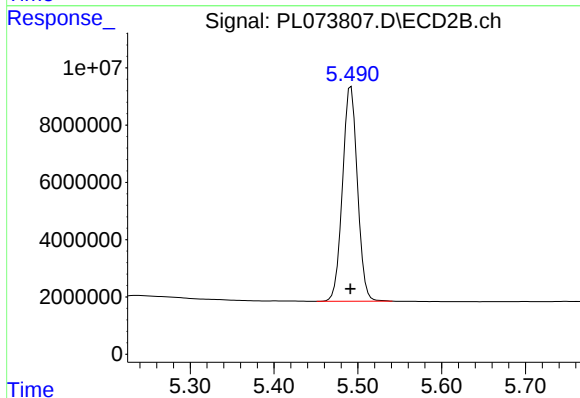
#1 Tetrachloro-m-xylene

R.T.: 4.640 min
Delta R.T.: -0.003 min
Response: 16267204
Conc: 50.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

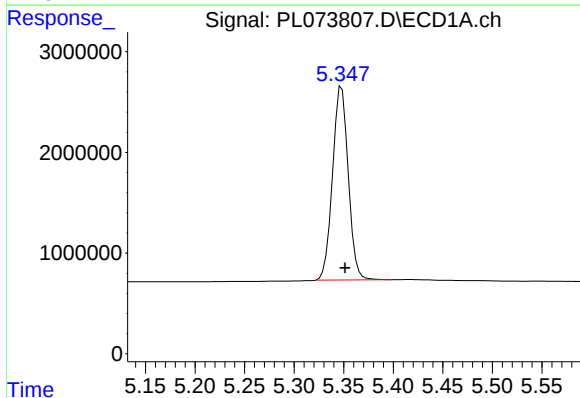
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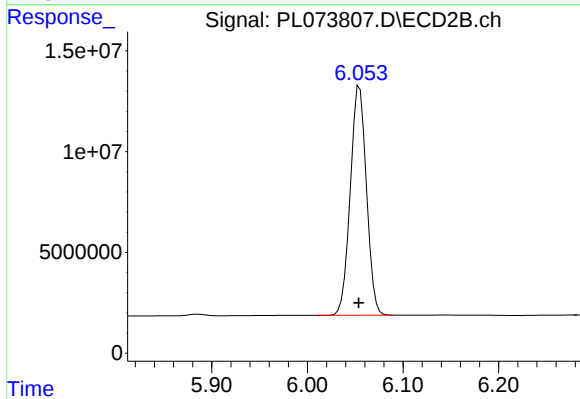
#1 Tetrachloro-m-xylene

R.T.: 5.492 min
Delta R.T.: 0.000 min
Response: 93038476
Conc: 56.69 ng/ml



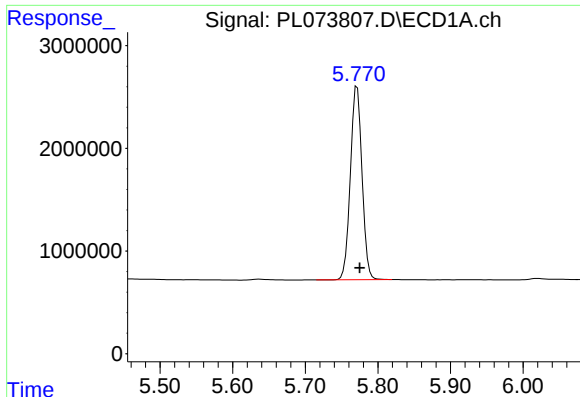
#2 alpha-BHC

R.T.: 5.348 min
Delta R.T.: -0.003 min
Response: 21176901
Conc: 51.37 ng/ml



#2 alpha-BHC

R.T.: 6.055 min
Delta R.T.: 0.000 min
Response: 133973263
Conc: 59.55 ng/ml



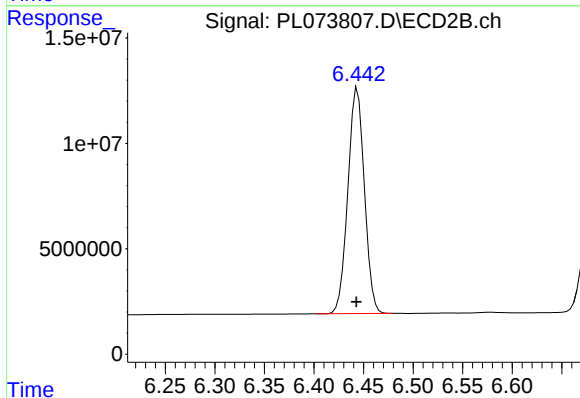
#3 gamma-BHC (Lindane)

R.T.: 5.771 min
Delta R.T.: -0.003 min
Response: 21033121
Conc: 50.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

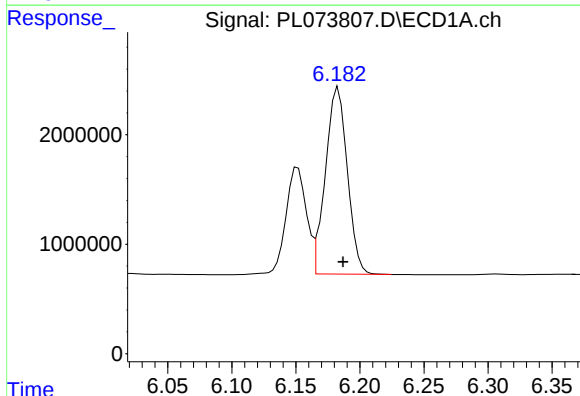
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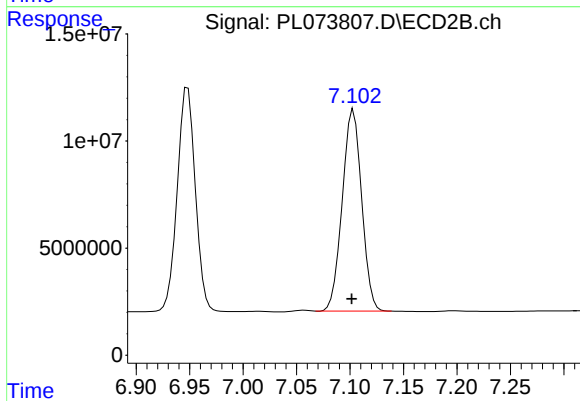
#3 gamma-BHC (Lindane)

R.T.: 6.444 min
Delta R.T.: 0.001 min
Response: 124303631
Conc: 58.22 ng/ml



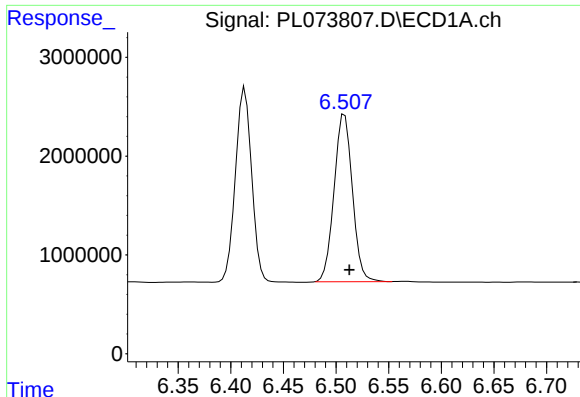
#4 Heptachlor

R.T.: 6.183 min
Delta R.T.: -0.004 min
Response: 20236025
Conc: 44.85 ng/ml



#4 Heptachlor

R.T.: 7.103 min
Delta R.T.: 0.002 min
Response: 119022987
Conc: 50.80 ng/ml



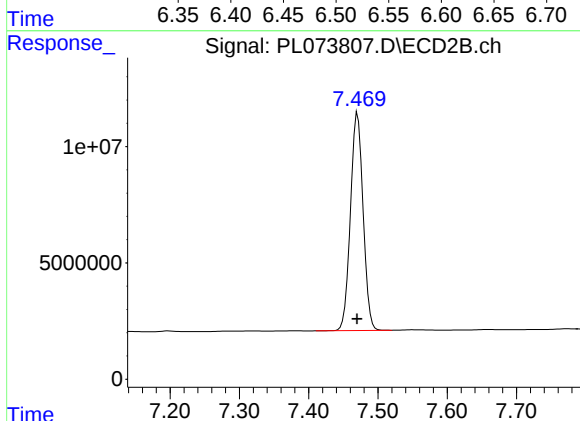
#5 Aldrin

R.T.: 6.508 min
Delta R.T.: -0.005 min
Response: 20519715
Conc: 49.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

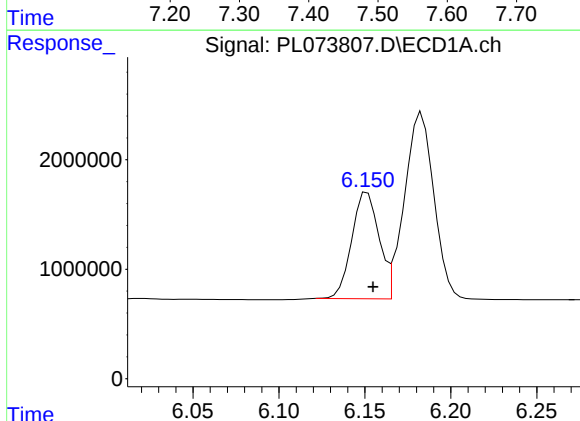
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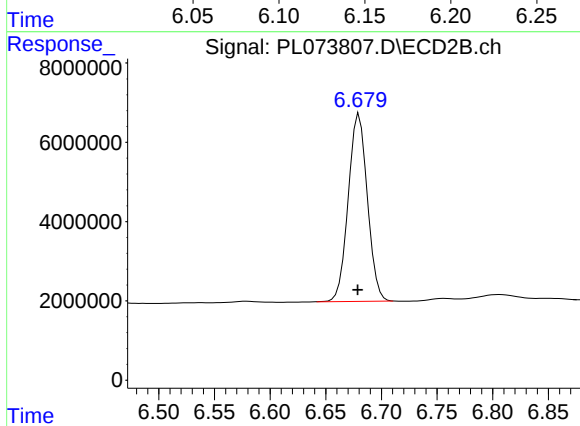
#5 Aldrin

R.T.: 7.471 min
Delta R.T.: 0.000 min
Response: 118740269
Conc: 56.68 ng/ml



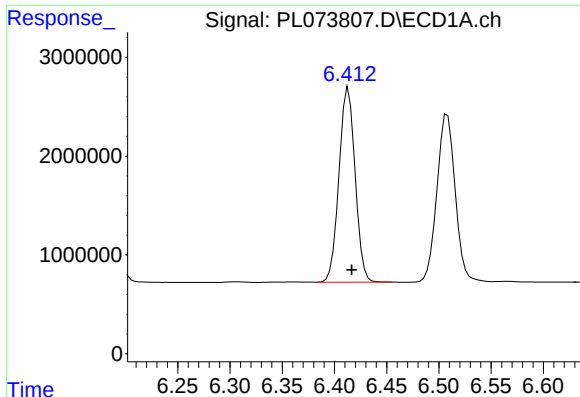
#6 beta-BHC

R.T.: 6.151 min
Delta R.T.: -0.003 min
Response: 10696018
Conc: 51.95 ng/ml



#6 beta-BHC

R.T.: 6.680 min
Delta R.T.: 0.001 min
Response: 56599582
Conc: 54.30 ng/ml



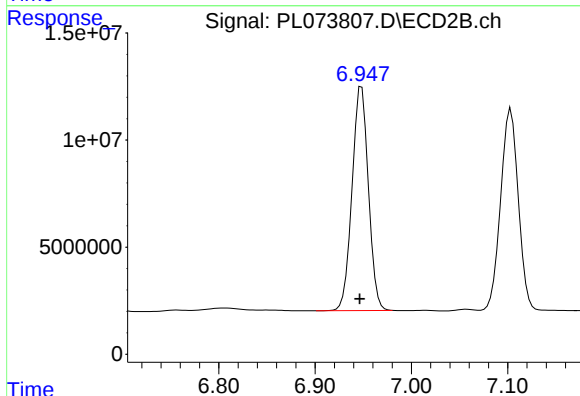
#7 delta-BHC

R.T.: 6.413 min
Delta R.T.: -0.003 min
Response: 21119398
Conc: 52.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

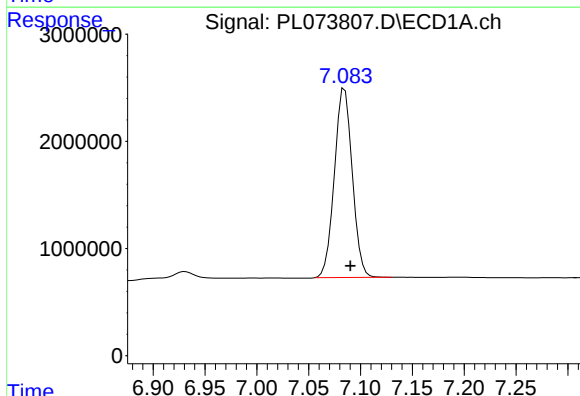
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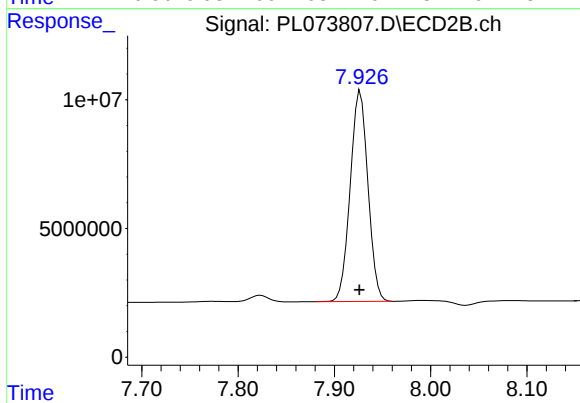
#7 delta-BHC

R.T.: 6.948 min
Delta R.T.: 0.002 min
Response: 123107030
Conc: 57.16 ng/ml



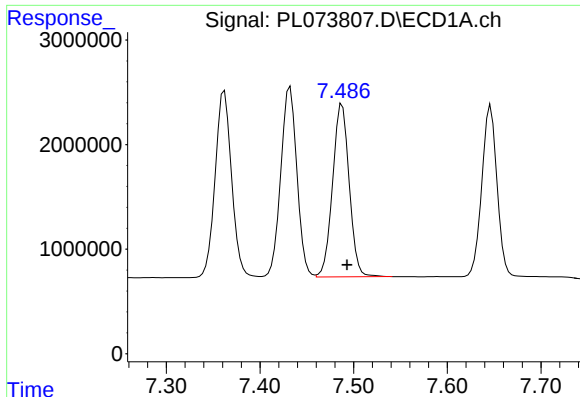
#8 Heptachlor epoxide

R.T.: 7.085 min
Delta R.T.: -0.005 min
Response: 21202644
Conc: 49.20 ng/ml



#8 Heptachlor epoxide

R.T.: 7.927 min
Delta R.T.: 0.001 min
Response: 104382022
Conc: 52.26 ng/ml



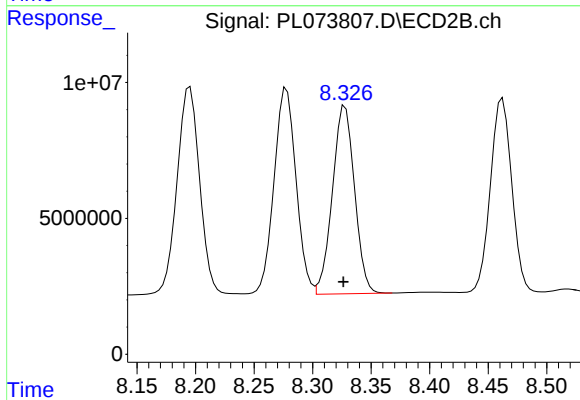
#9 Endosulfan I

R.T.: 7.488 min
Delta R.T.: -0.005 min
Response: 20405516
Conc: 49.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

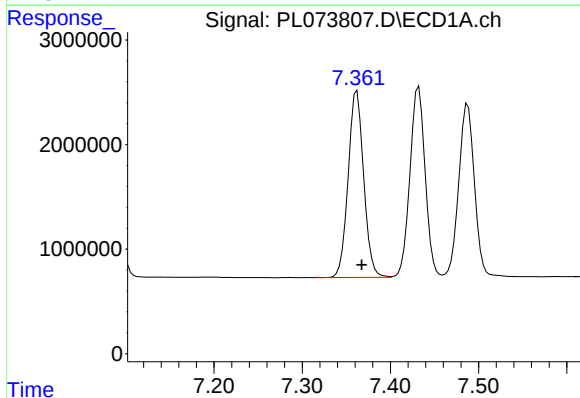
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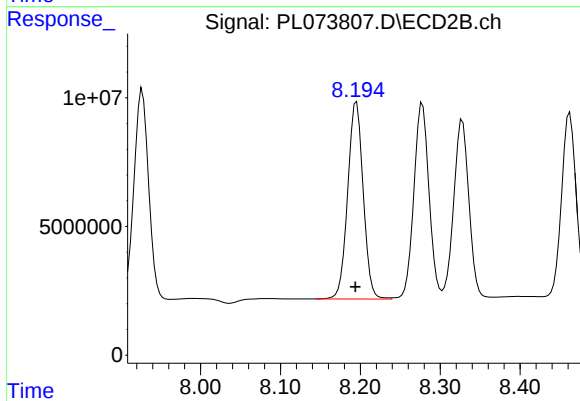
#9 Endosulfan I

R.T.: 8.328 min
Delta R.T.: 0.001 min
Response: 90988848
Conc: 49.85 ng/ml



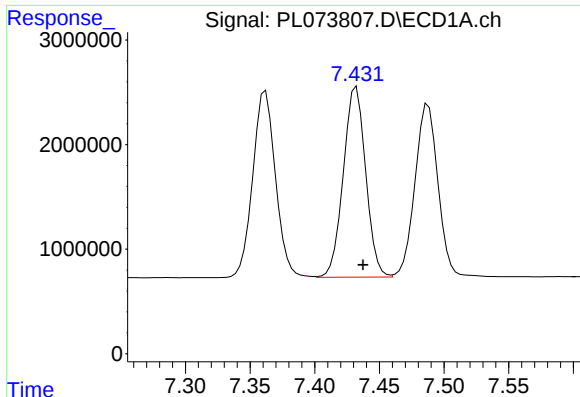
#10 gamma-Chlordane

R.T.: 7.362 min
Delta R.T.: -0.006 min
Response: 21802961
Conc: 49.86 ng/ml



#10 gamma-Chlordane

R.T.: 8.194 min
Delta R.T.: 0.000 min
Response: 103515967
Conc: 50.68 ng/ml m



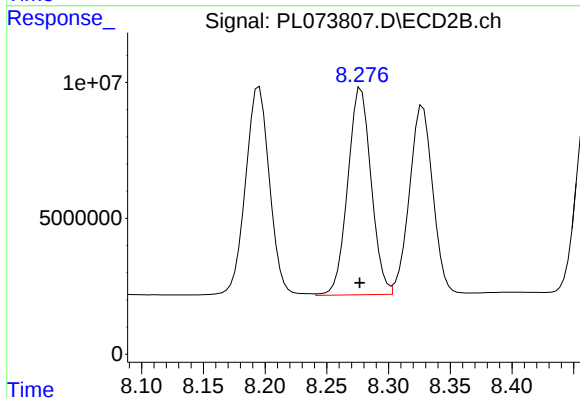
#11 alpha-Chlordane

R.T.: 7.432 min
Delta R.T.: -0.005 min
Response: 21847832
Conc: 49.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

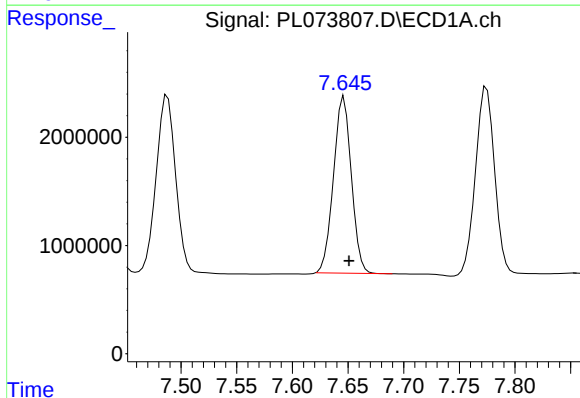
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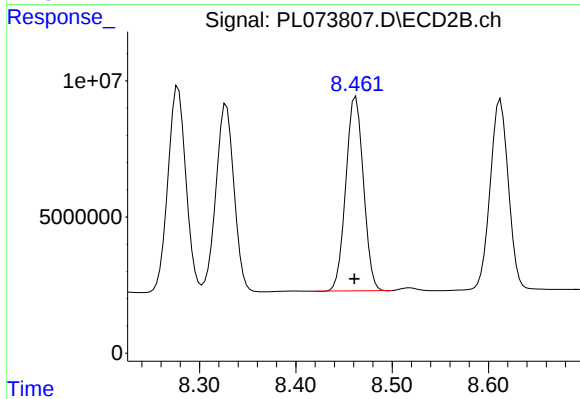
#11 alpha-Chlordane

R.T.: 8.278 min
Delta R.T.: 0.001 min
Response: 100501951
Conc: 50.25 ng/ml



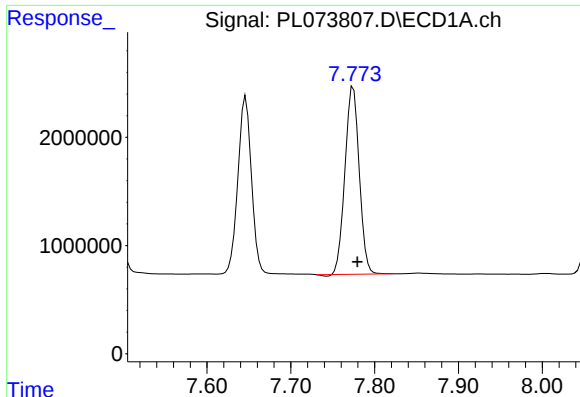
#12 4,4'-DDE

R.T.: 7.646 min
Delta R.T.: -0.005 min
Response: 18193067
Conc: 50.70 ng/ml



#12 4,4'-DDE

R.T.: 8.462 min
Delta R.T.: 0.001 min
Response: 90324418
Conc: 50.39 ng/ml



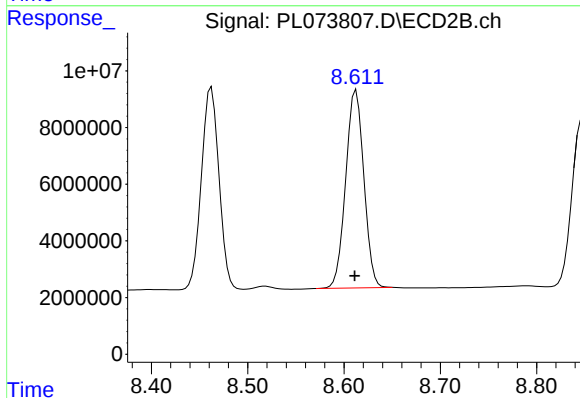
#13 Dieldrin

R.T.: 7.775 min
Delta R.T.: -0.005 min
Response: 20576491
Conc: 49.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

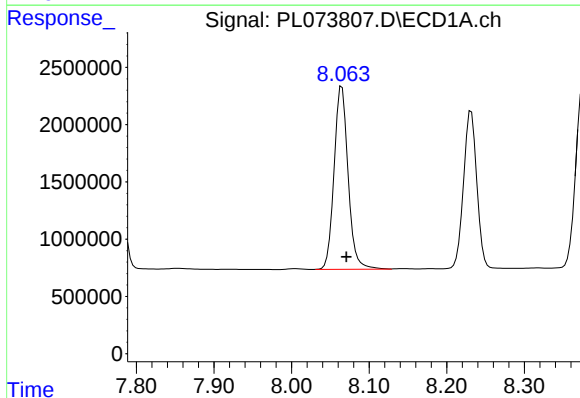
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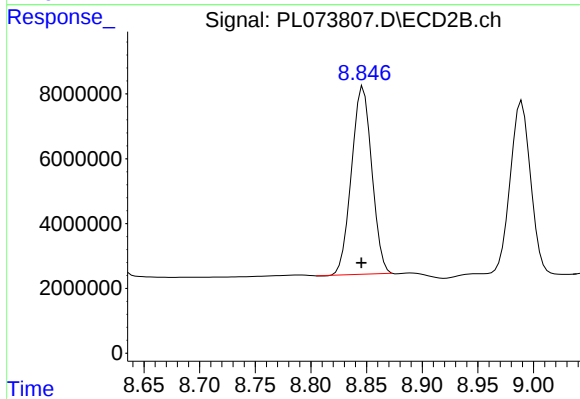
#13 Dieldrin

R.T.: 8.613 min
Delta R.T.: 0.001 min
Response: 91239854
Conc: 49.46 ng/ml



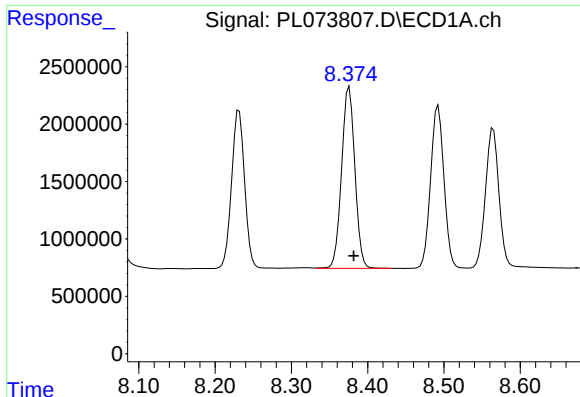
#14 Endrin

R.T.: 8.065 min
Delta R.T.: -0.006 min
Response: 20022855
Conc: 51.60 ng/ml



#14 Endrin

R.T.: 8.847 min
Delta R.T.: 0.002 min
Response: 73574756
Conc: 47.79 ng/ml



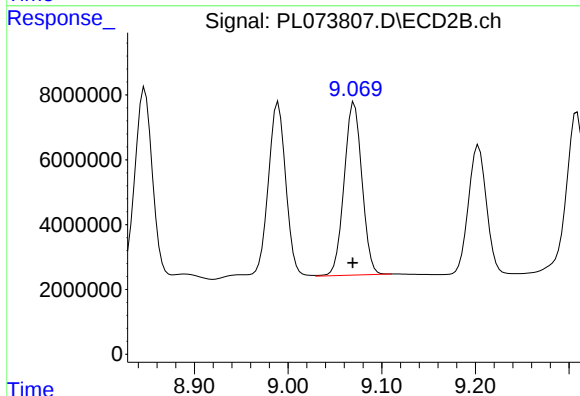
#15 Endosulfan II

R.T.: 8.376 min
Delta R.T.: -0.006 min
Response: 19131101
Conc: 48.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

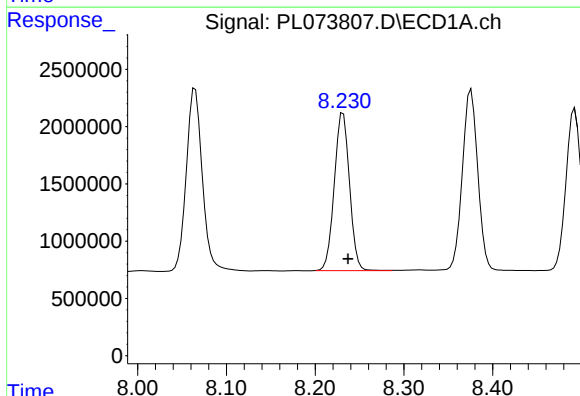
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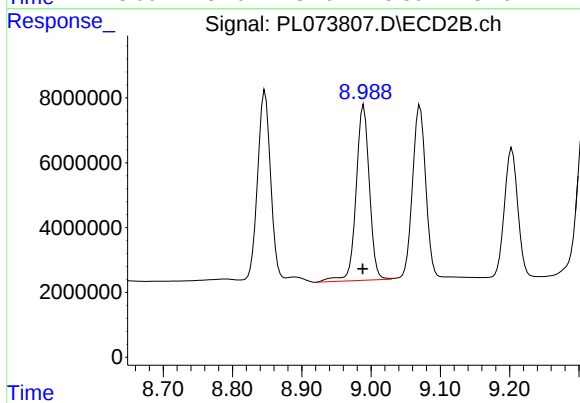
#15 Endosulfan II

R.T.: 9.071 min
Delta R.T.: 0.002 min
Response: 70463030
Conc: 45.88 ng/ml



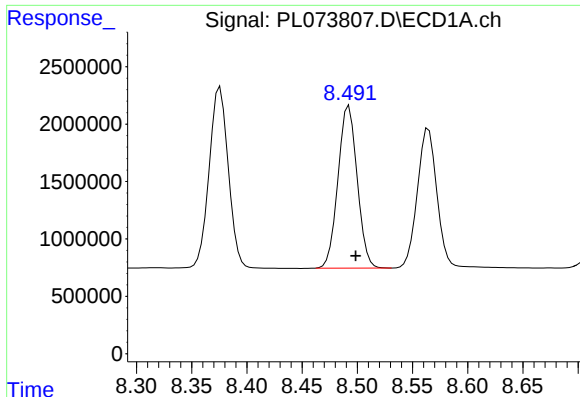
#16 4,4'-DDD

R.T.: 8.232 min
Delta R.T.: -0.006 min
Response: 16384715
Conc: 50.46 ng/ml



#16 4,4'-DDD

R.T.: 8.990 min
Delta R.T.: 0.002 min
Response: 72327966
Conc: 49.55 ng/ml



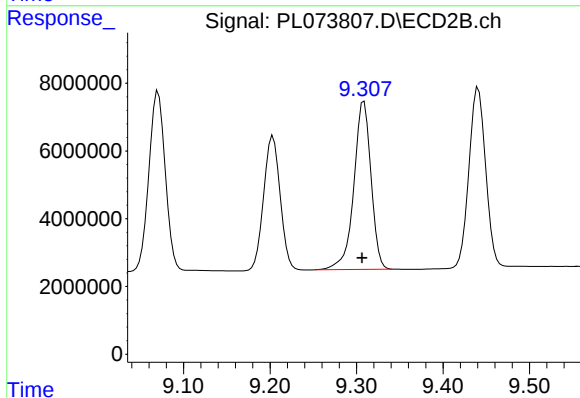
#17 4,4'-DDT

R.T.: 8.492 min
Delta R.T.: -0.006 min
Response: 17109484
Conc: 45.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

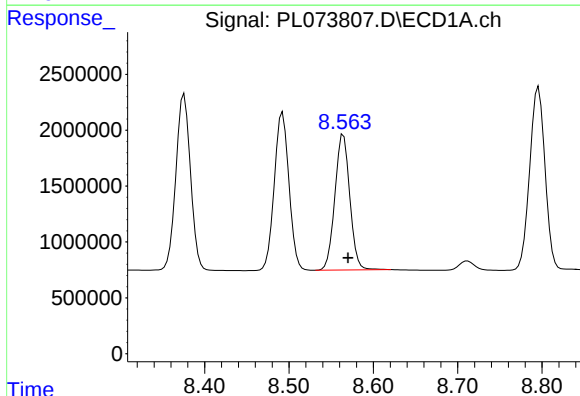
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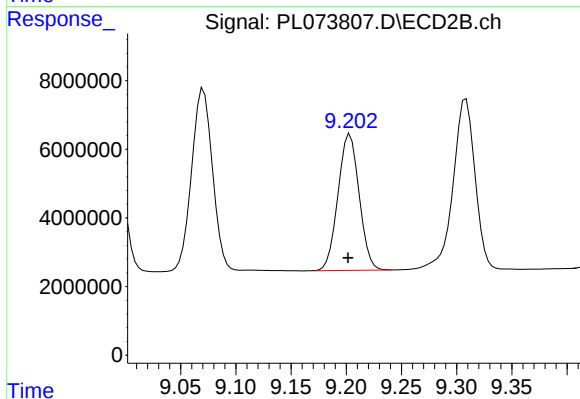
#17 4,4'-DDT

R.T.: 9.309 min
Delta R.T.: 0.002 min
Response: 68418188
Conc: 41.86 ng/ml



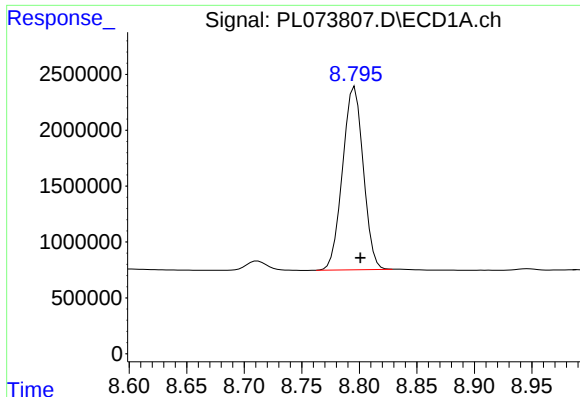
#18 Endrin aldehyde

R.T.: 8.565 min
Delta R.T.: -0.005 min
Response: 14911595
Conc: 47.15 ng/ml



#18 Endrin aldehyde

R.T.: 9.202 min
Delta R.T.: 0.000 min
Response: 53025305
Conc: 43.24 ng/ml m



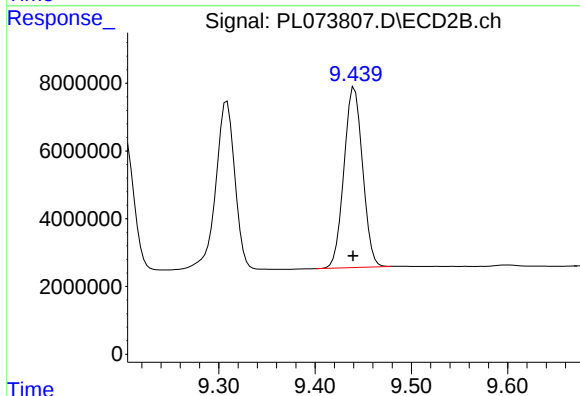
#19 Endosulfan Sulfate

R.T.: 8.795 min
Delta R.T.: -0.006 min
Response: 20624807
Conc: 48.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

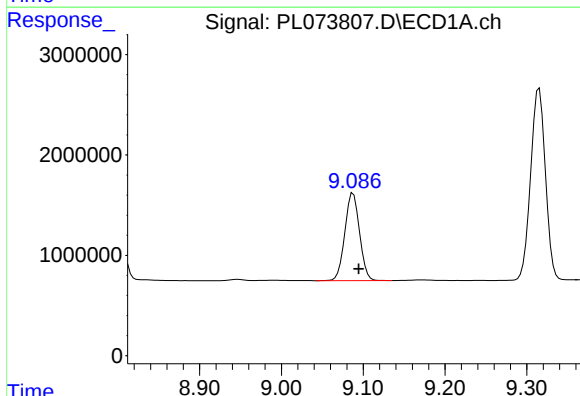
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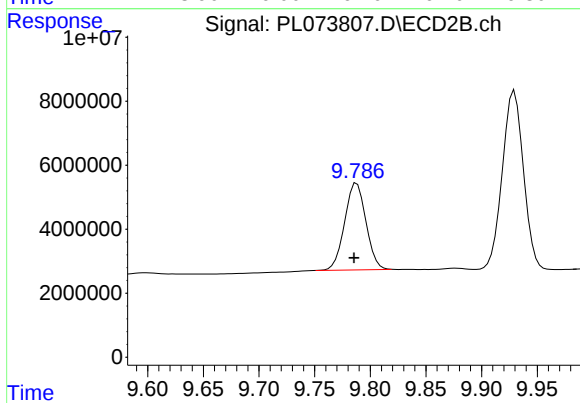
#19 Endosulfan Sulfate

R.T.: 9.441 min
Delta R.T.: 0.002 min
Response: 71331283
Conc: 45.26 ng/ml



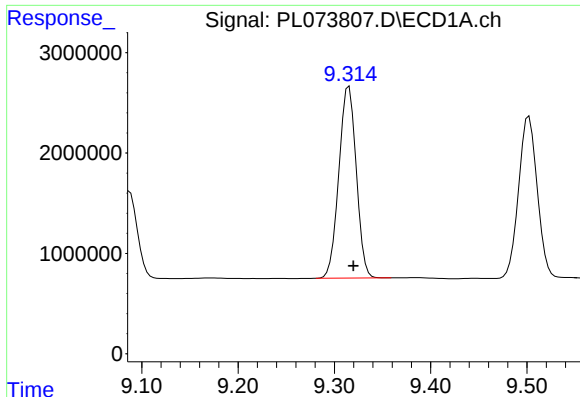
#20 Methoxychlor

R.T.: 9.088 min
Delta R.T.: -0.007 min
Response: 10817255
Conc: 42.17 ng/ml



#20 Methoxychlor

R.T.: 9.788 min
Delta R.T.: 0.002 min
Response: 36168226
Conc: 40.14 ng/ml



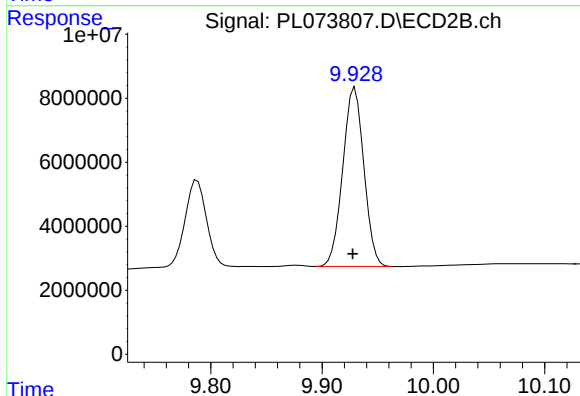
#21 Endrin ketone

R.T.: 9.315 min
Delta R.T.: -0.005 min
Response: 23925074
Conc: 48.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

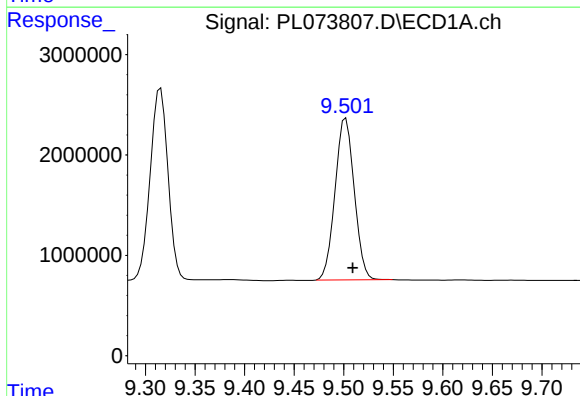
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/05/2022
Supervised By :mohammad ahmed 04/05/2022



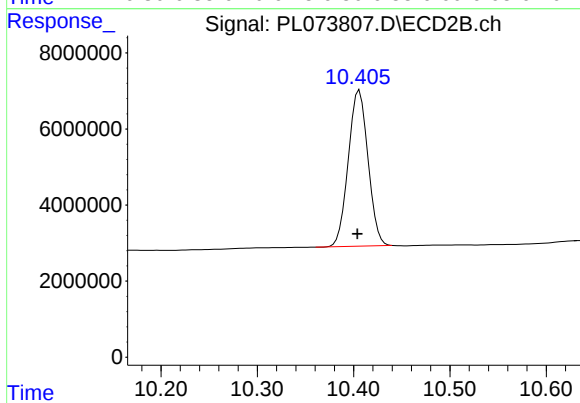
#21 Endrin ketone

R.T.: 9.929 min
Delta R.T.: 0.002 min
Response: 73722634
Conc: 44.66 ng/ml



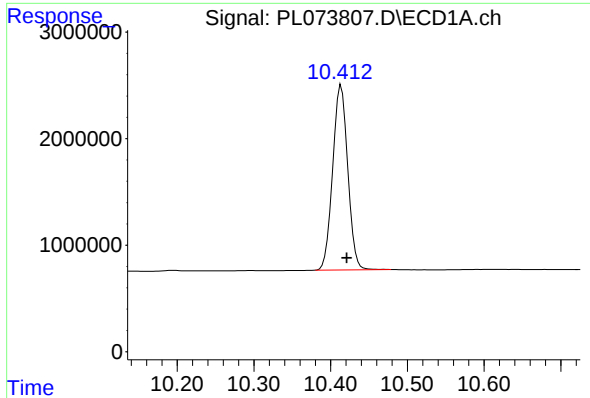
#22 Mirex

R.T.: 9.502 min
Delta R.T.: -0.007 min
Response: 21692981
Conc: 46.00 ng/ml



#22 Mirex

R.T.: 10.406 min
Delta R.T.: 0.002 min
Response: 58274257
Conc: 42.90 ng/ml



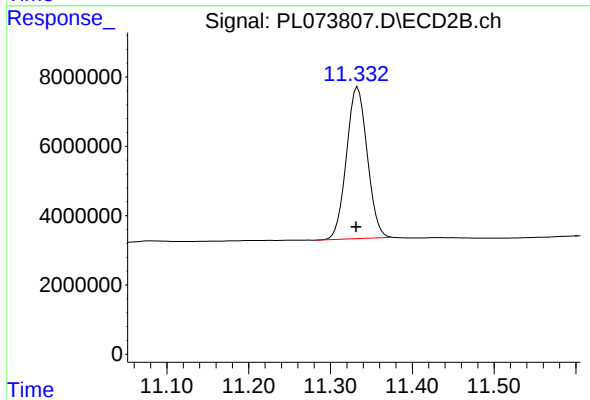
#28 Decachlorobiphenyl

R.T.: 10.414 min
Delta R.T.: -0.007 min
Response: 23698963
Conc: 46.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 11.333 min
Delta R.T.: 0.002 min
Response: 76922754
Conc: 43.02 ng/ml