

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD040122\
 Data File : PD068852.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Mar 2022 15:46
 Operator : AR\AJ
 Sample : PB143748BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB143748BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/31/2022
 Supervised By : mohammad ahmed 04/01/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 31 02:47:02 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031222.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 14 03:30:32 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.446	4.172	23218595	209.0E6	19.123	21.858
28)	SA Decachlor...	8.206	9.368	26538069	134.9E6	21.006	23.813
Target Compounds							
2)	A alpha-BHC	3.886	4.568	89403427	716.5E6	49.378	52.059
3)	MA gamma-BHC...	4.169	4.858	81871027	646.2E6	49.031	51.685
4)	MA Heptachlor	4.467	5.386	72911057	574.4E6	44.256	48.334
5)	MB Aldrin	4.715	5.698	81039197	625.1E6	50.709	54.454
6)	B beta-BHC	4.420	5.021	34327464	271.8E6	46.104	49.509
7)	B delta-BHC	4.624	5.247	82479658	633.6E6	50.470	52.688
8)	B Heptachlo...	5.159	6.085	73874936	575.9E6	49.399	55.150m
9)	A Endosulfan I	5.498	6.449	68553830	499.2E6	48.993	53.231
10)	B gamma-Chl...	5.385	6.323	75477097	562.4E6	49.756	54.561
11)	B alpha-Chl...	5.444	6.397	74182337	538.2E6	49.632	54.058
12)	B 4,4'-DDE	5.609	6.548	69506186	500.5E6	50.806m	54.005
13)	MA Dieldrin	5.742	6.708	75387132	535.5E6	51.630	55.128
14)	MA Endrin	6.000	6.927	67522913	358.7E6	51.258	46.362
15)	B Endosulfa...	6.274	7.132	66297310	432.2E6	53.193	57.177
16)	A 4,4'-DDD	6.127	7.039	61194452	415.9E6	51.893	56.320
17)	MA 4,4'-DDT	6.368	7.342	53617226	363.5E6	44.608	49.477
18)	B Endrin al...	6.443	7.257	54548149	354.3E6	54.947	58.545
19)	B Endosulfa...	6.656	7.482	65019029	406.2E6	50.843	55.221
20)	A Methoxychlor	6.919	7.795	30637895	183.2E6	44.209	50.255
21)	B Endrin ke...	7.150	7.957	77333824	435.3E6	52.531	56.178
22)	Mirex	7.333	8.423	63717186	331.4E6	53.762	60.457

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD040122\
 Data File : PD068852.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Mar 2022 15:46
 Operator : AR\AJ
 Sample : PB143748BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

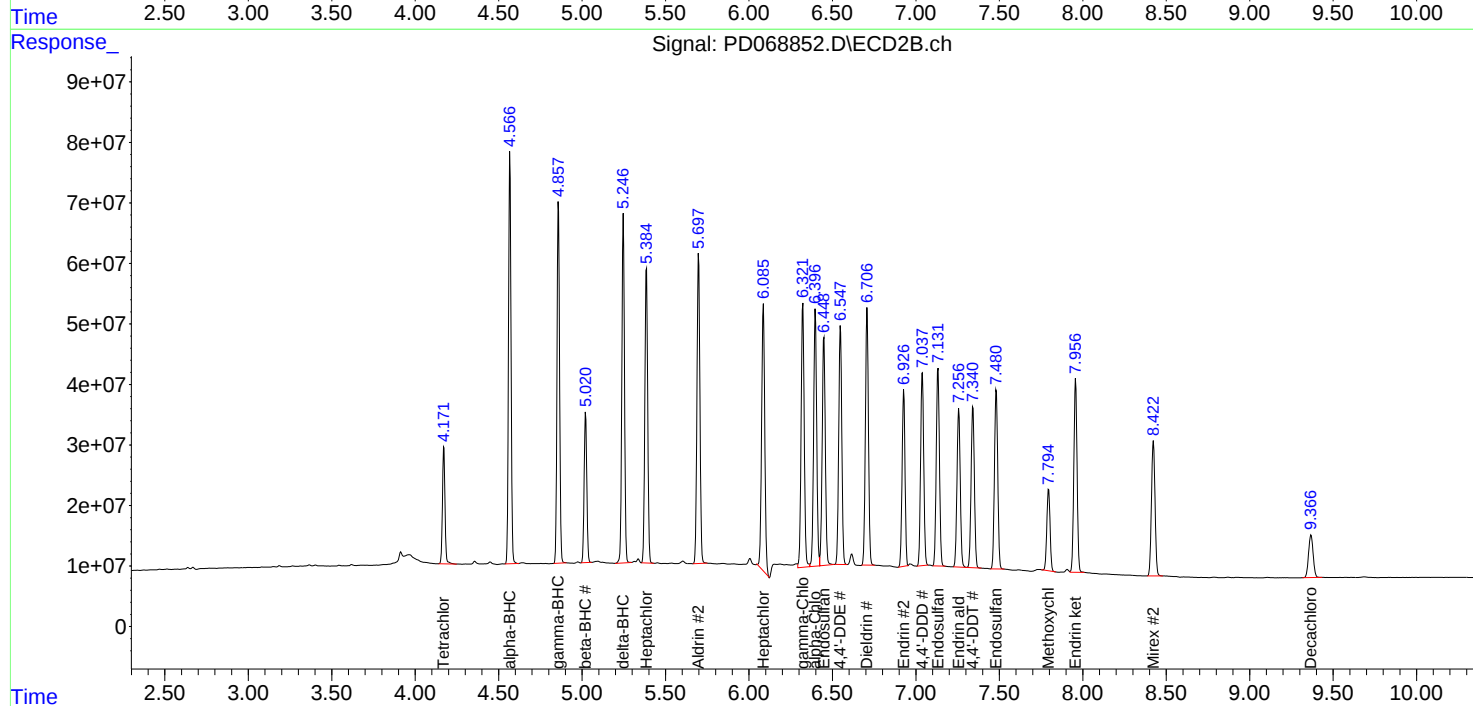
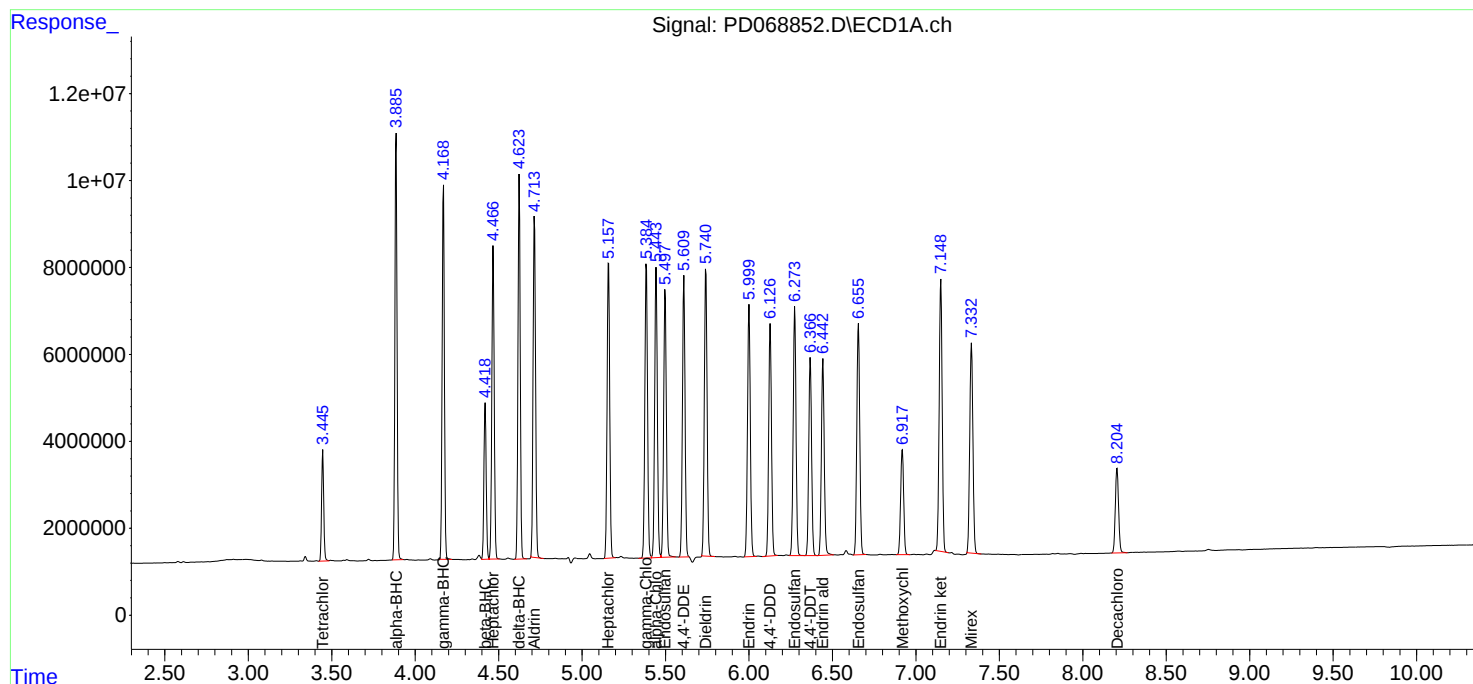
Instrument :
 ECD_D
 ClientSampleId :
 PB143748BS

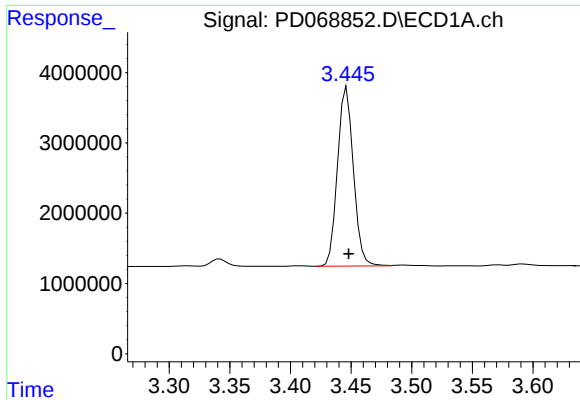
Manual Integrations APPROVED

Reviewed By : Abdul Mirza 03/31/2022
 Supervised By : mohammad ahmed 04/01/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 31 02:47:02 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031222.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 14 03:30:32 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x 0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





#1 Tetrachloro-m-xylene

R.T.: 3.446 min
Delta R.T.: -0.002 min
Response: 23218595
Conc: 19.12 ng/ml

Instrument :

ECD_D

ClientSampleId :

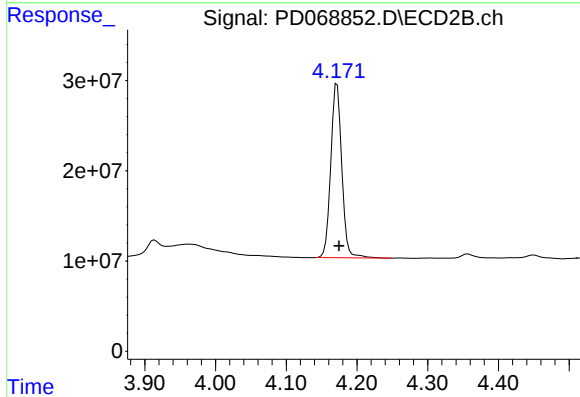
PB143748BS

Manual Integrations

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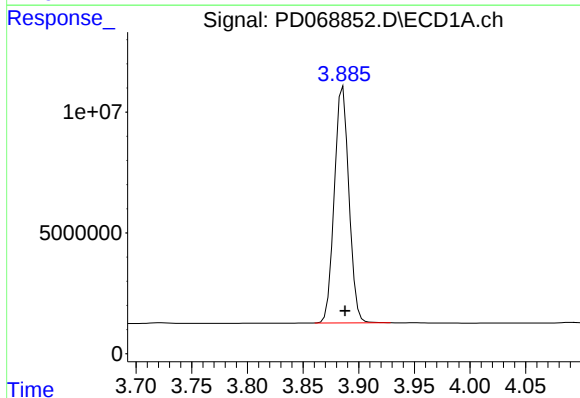
Reviewed By :Abdul Mirza 03/31/2022

Supervised By :mohammad ahmed 04/01/2022



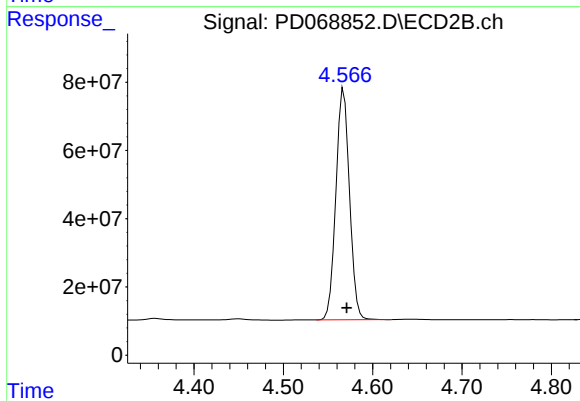
#1 Tetrachloro-m-xylene

R.T.: 4.172 min
Delta R.T.: -0.003 min
Response: 208979005
Conc: 21.86 ng/ml



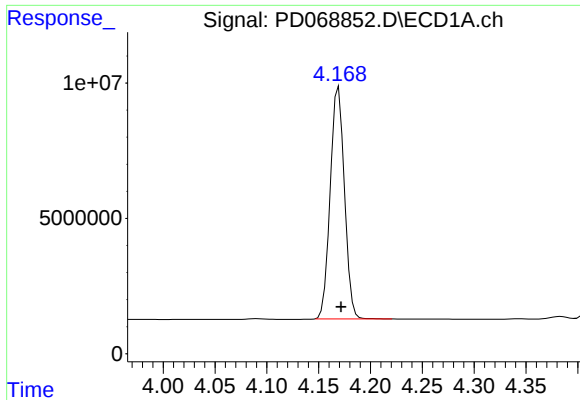
#2 alpha-BHC

R.T.: 3.886 min
Delta R.T.: -0.002 min
Response: 89403427
Conc: 49.38 ng/ml



#2 alpha-BHC

R.T.: 4.568 min
Delta R.T.: -0.003 min
Response: 716483580
Conc: 52.06 ng/ml



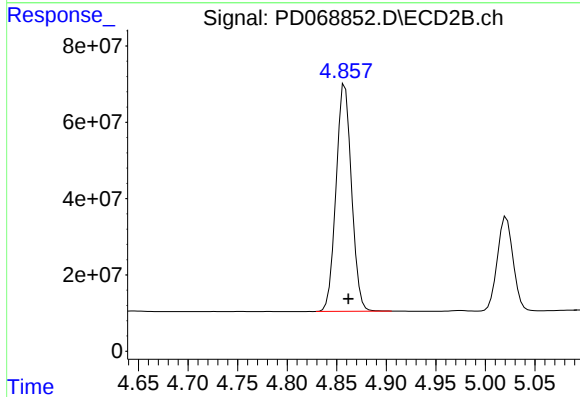
#3 gamma-BHC (Lindane)

R.T.: 4.169 min
Delta R.T.: -0.002 min
Response: 81871027
Conc: 49.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143748BS

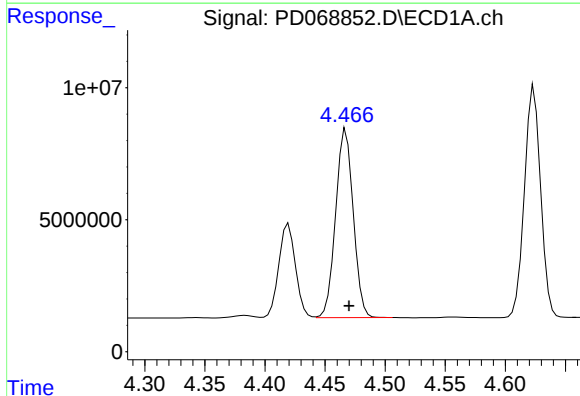
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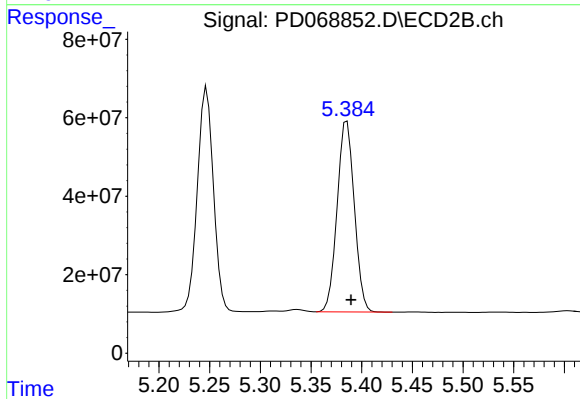
#3 gamma-BHC (Lindane)

R.T.: 4.858 min
Delta R.T.: -0.003 min
Response: 646230728
Conc: 51.69 ng/ml



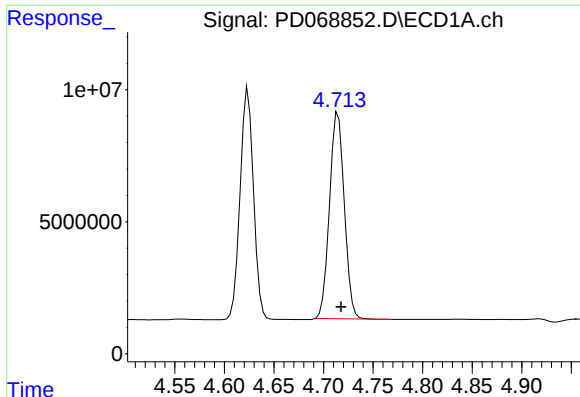
#4 Heptachlor

R.T.: 4.467 min
Delta R.T.: -0.003 min
Response: 72911057
Conc: 44.26 ng/ml



#4 Heptachlor

R.T.: 5.386 min
Delta R.T.: -0.004 min
Response: 574411110
Conc: 48.33 ng/ml



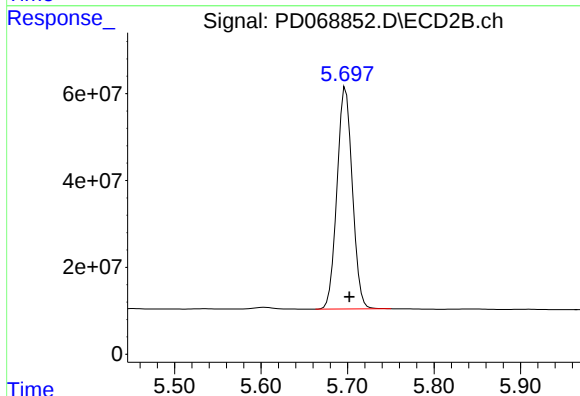
#5 Aldrin

R.T.: 4.715 min
Delta R.T.: -0.003 min
Response: 81039197
Conc: 50.71 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143748BS

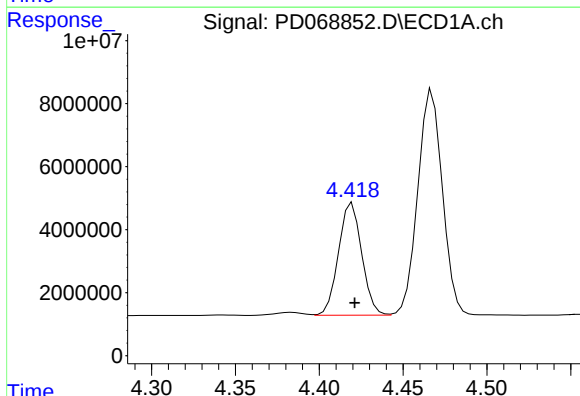
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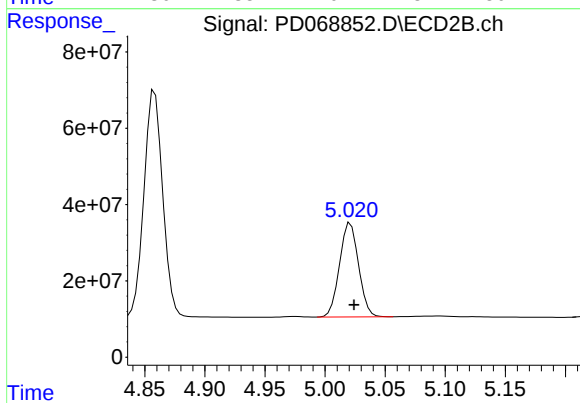
#5 Aldrin

R.T.: 5.698 min
Delta R.T.: -0.004 min
Response: 625066136
Conc: 54.45 ng/ml



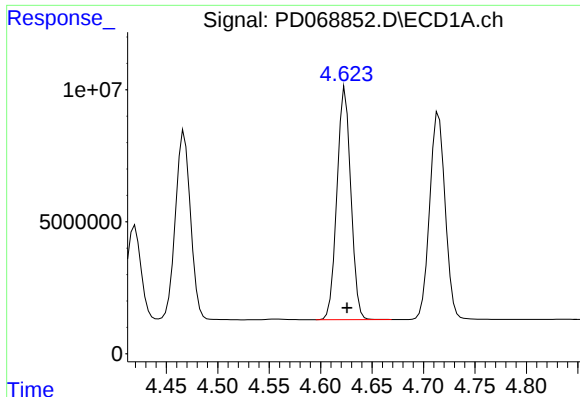
#6 beta-BHC

R.T.: 4.420 min
Delta R.T.: -0.001 min
Response: 34327464
Conc: 46.10 ng/ml



#6 beta-BHC

R.T.: 5.021 min
Delta R.T.: -0.003 min
Response: 271800300
Conc: 49.51 ng/ml



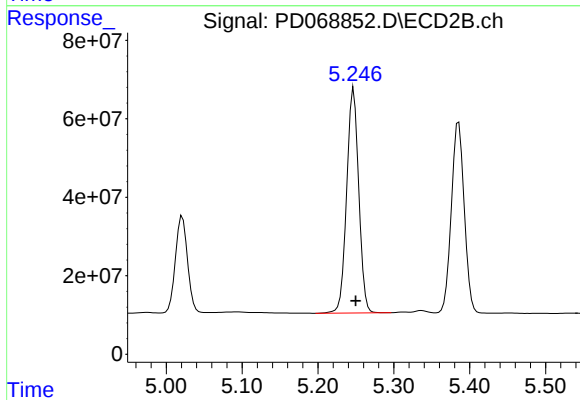
#7 delta-BHC

R.T.: 4.624 min
Delta R.T.: -0.002 min
Response: 82479658
Conc: 50.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143748BS

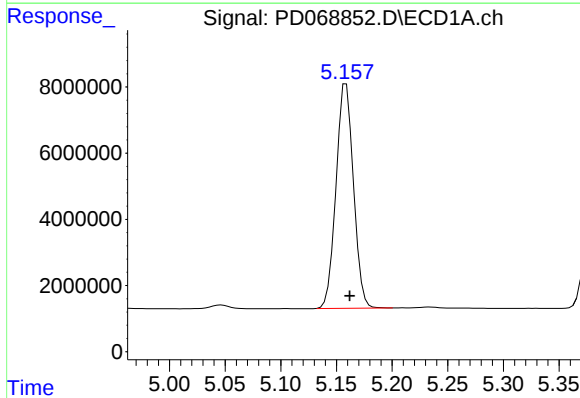
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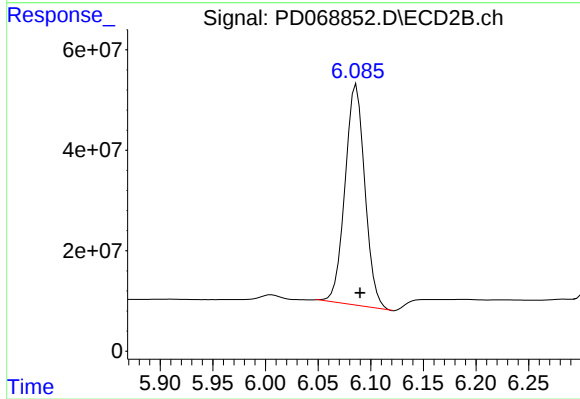
#7 delta-BHC

R.T.: 5.247 min
Delta R.T.: -0.003 min
Response: 633612751
Conc: 52.69 ng/ml



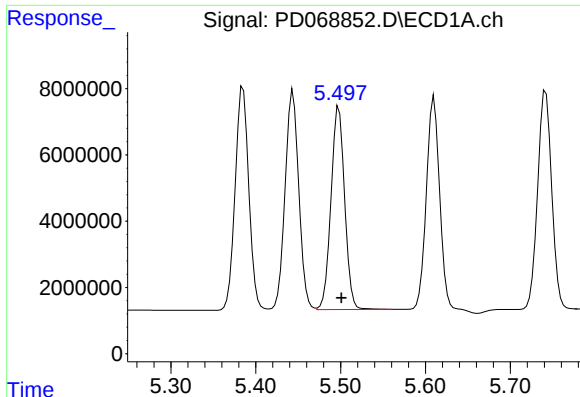
#8 Heptachlor epoxide

R.T.: 5.159 min
Delta R.T.: -0.003 min
Response: 73874936
Conc: 49.40 ng/ml



#8 Heptachlor epoxide

R.T.: 6.085 min
Delta R.T.: -0.005 min
Response: 575922925
Conc: 55.15 ng/ml m



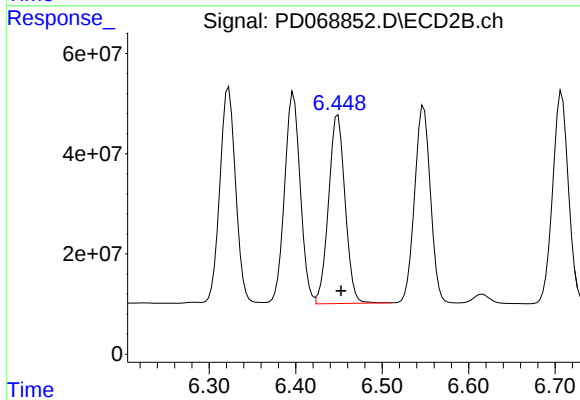
#9 Endosulfan I

R.T.: 5.498 min
Delta R.T.: -0.003 min
Response: 68553830
Conc: 48.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143748BS

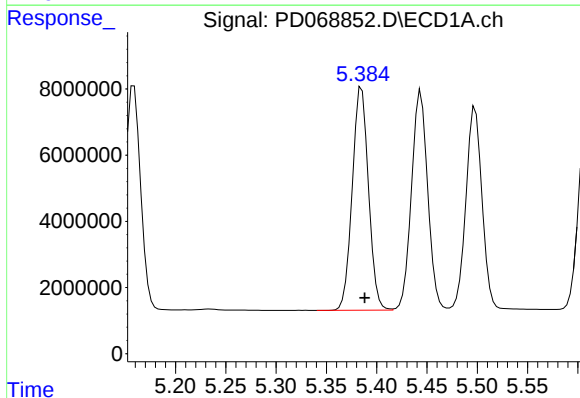
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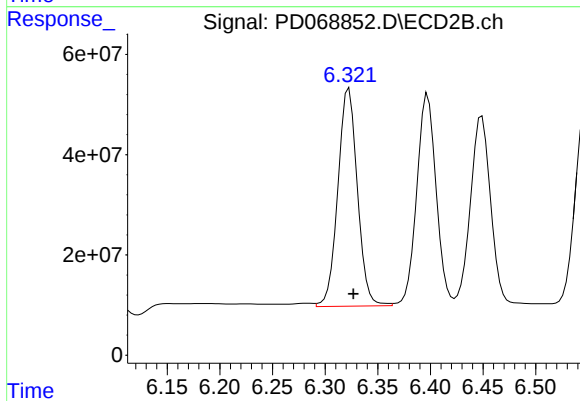
#9 Endosulfan I

R.T.: 6.449 min
Delta R.T.: -0.004 min
Response: 499212942
Conc: 53.23 ng/ml



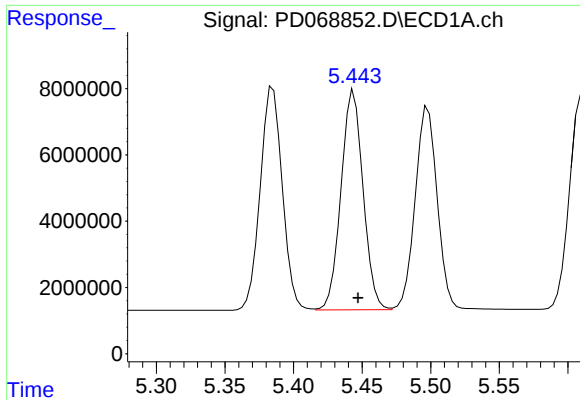
#10 gamma-Chlordane

R.T.: 5.385 min
Delta R.T.: -0.003 min
Response: 75477097
Conc: 49.76 ng/ml



#10 gamma-Chlordane

R.T.: 6.323 min
Delta R.T.: -0.004 min
Response: 562369109
Conc: 54.56 ng/ml



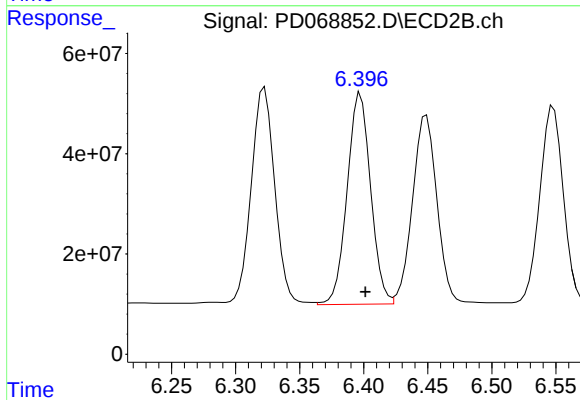
#11 alpha-Chlordane

R.T.: 5.444 min
Delta R.T.: -0.003 min
Response: 74182337
Conc: 49.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143748BS

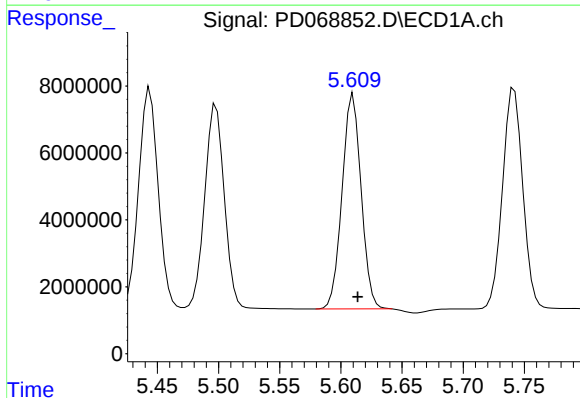
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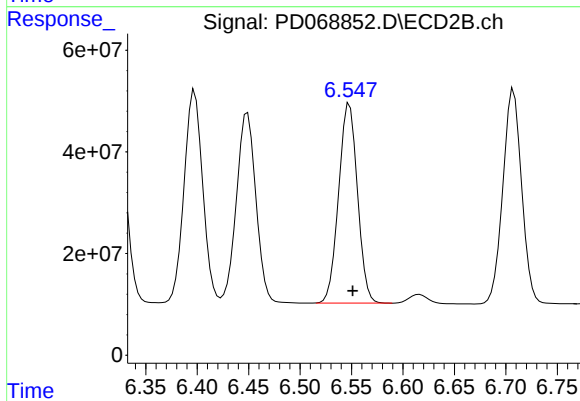
#11 alpha-Chlordane

R.T.: 6.397 min
Delta R.T.: -0.004 min
Response: 538208746
Conc: 54.06 ng/ml



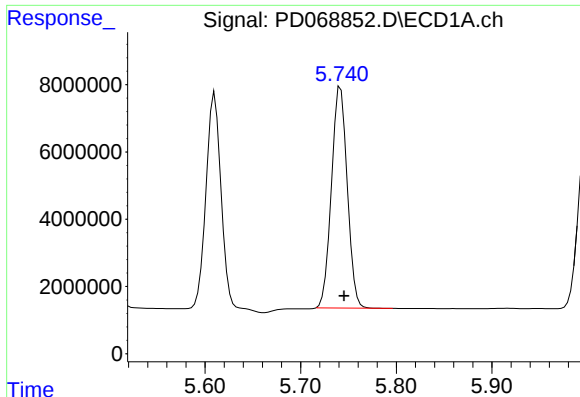
#12 4,4'-DDE

R.T.: 5.609 min
Delta R.T.: -0.005 min
Response: 69506186
Conc: 50.81 ng/ml m



#12 4,4'-DDE

R.T.: 6.548 min
Delta R.T.: -0.003 min
Response: 500461092
Conc: 54.01 ng/ml



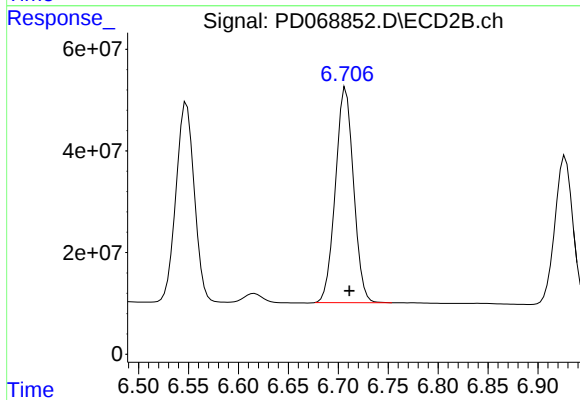
#13 Dieldrin

R.T.: 5.742 min
Delta R.T.: -0.004 min
Response: 75387132
Conc: 51.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143748BS

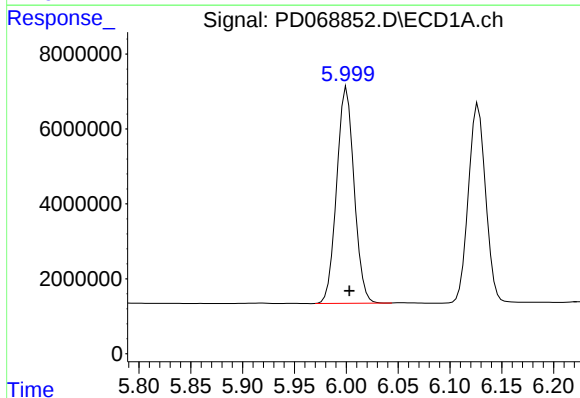
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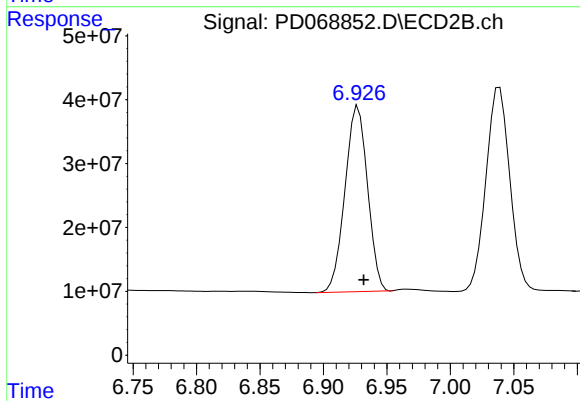
#13 Dieldrin

R.T.: 6.708 min
Delta R.T.: -0.004 min
Response: 535458138
Conc: 55.13 ng/ml



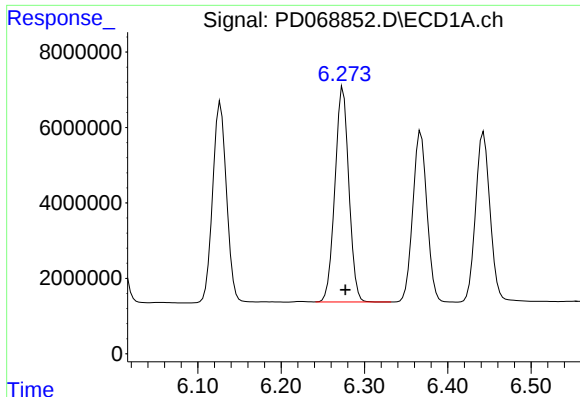
#14 Endrin

R.T.: 6.000 min
Delta R.T.: -0.003 min
Response: 67522913
Conc: 51.26 ng/ml



#14 Endrin

R.T.: 6.927 min
Delta R.T.: -0.004 min
Response: 358728349
Conc: 46.36 ng/ml



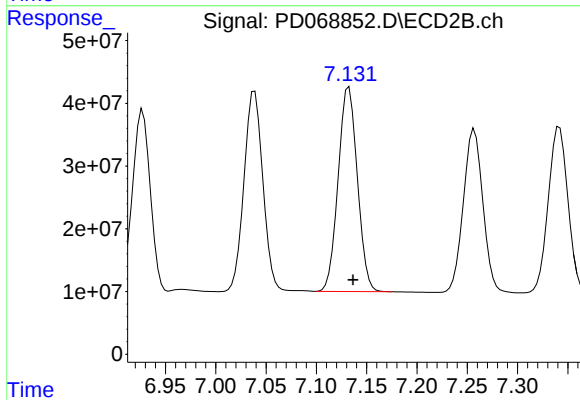
#15 Endosulfan II

R.T.: 6.274 min
Delta R.T.: -0.003 min
Response: 66297310
Conc: 53.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143748BS

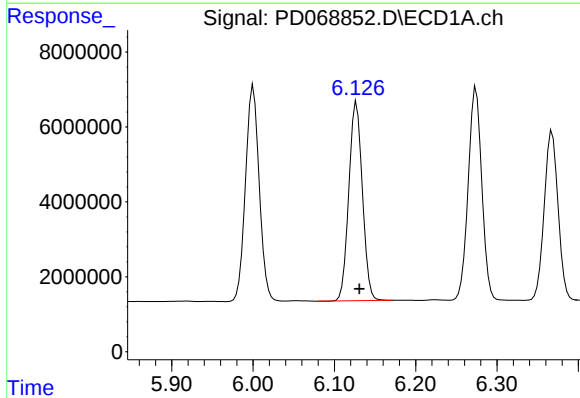
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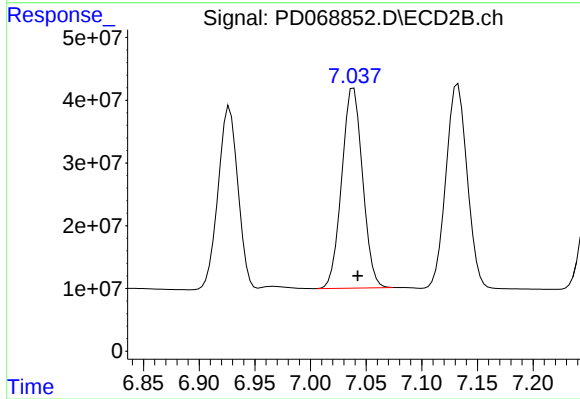
#15 Endosulfan II

R.T.: 7.132 min
Delta R.T.: -0.004 min
Response: 432178210
Conc: 57.18 ng/ml



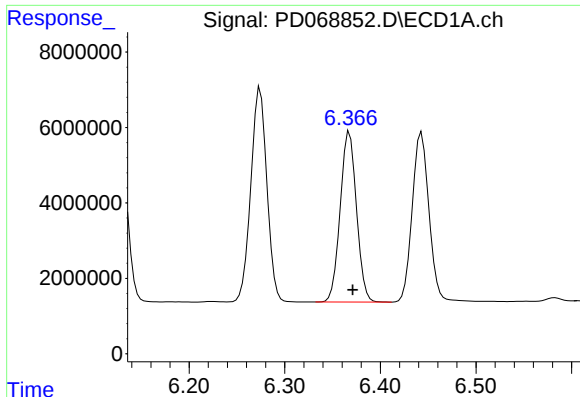
#16 4,4'-DDD

R.T.: 6.127 min
Delta R.T.: -0.004 min
Response: 61194452
Conc: 51.89 ng/ml



#16 4,4'-DDD

R.T.: 7.039 min
Delta R.T.: -0.004 min
Response: 415935633
Conc: 56.32 ng/ml



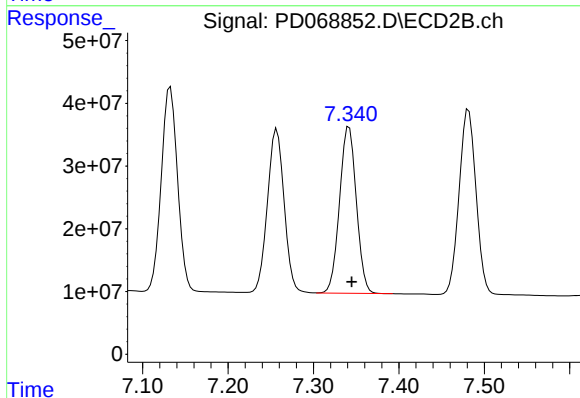
#17 4,4'-DDT

R.T.: 6.368 min
Delta R.T.: -0.003 min
Response: 53617226
Conc: 44.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143748BS

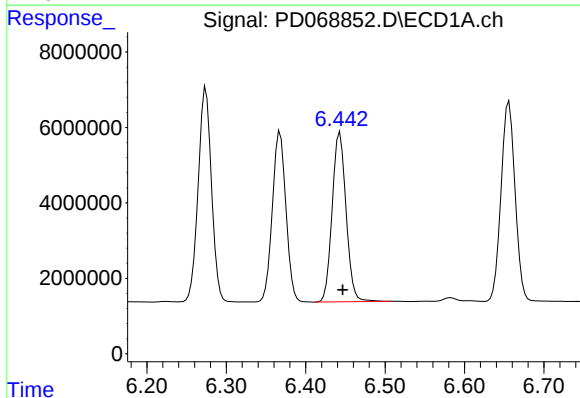
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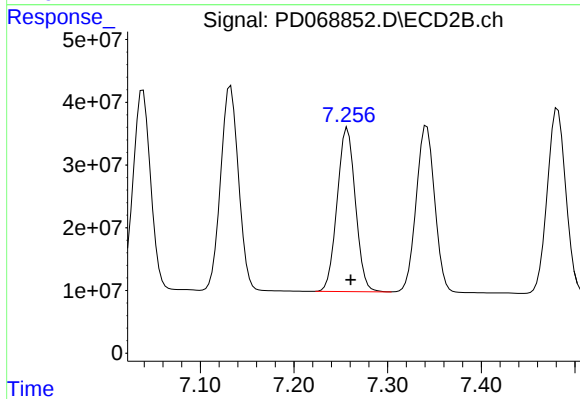
#17 4,4'-DDT

R.T.: 7.342 min
Delta R.T.: -0.003 min
Response: 363498495
Conc: 49.48 ng/ml



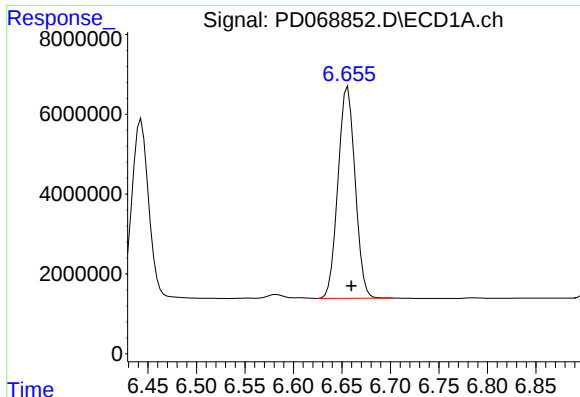
#18 Endrin aldehyde

R.T.: 6.443 min
Delta R.T.: -0.004 min
Response: 54548149
Conc: 54.95 ng/ml



#18 Endrin aldehyde

R.T.: 7.257 min
Delta R.T.: -0.004 min
Response: 354300463
Conc: 58.54 ng/ml



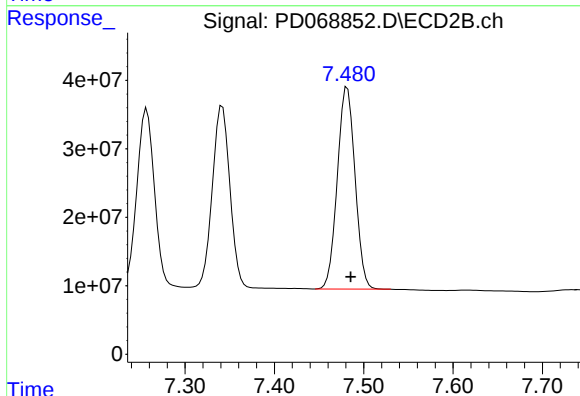
#19 Endosulfan Sulfate

R.T.: 6.656 min
Delta R.T.: -0.003 min
Response: 65019029
Conc: 50.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143748BS

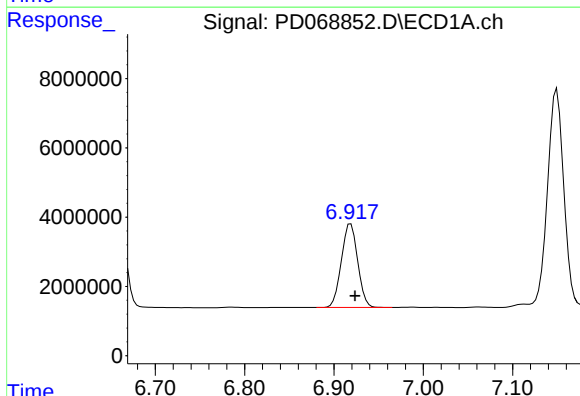
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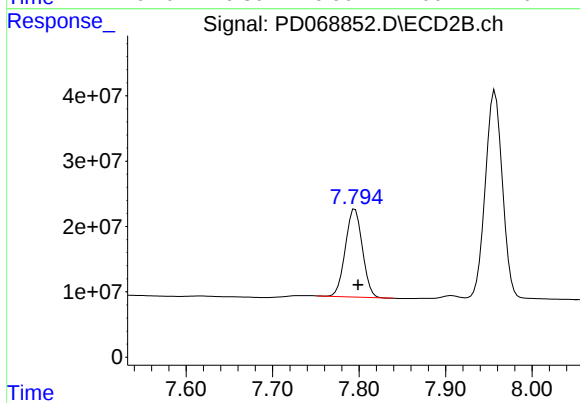
#19 Endosulfan Sulfate

R.T.: 7.482 min
Delta R.T.: -0.004 min
Response: 406151501
Conc: 55.22 ng/ml



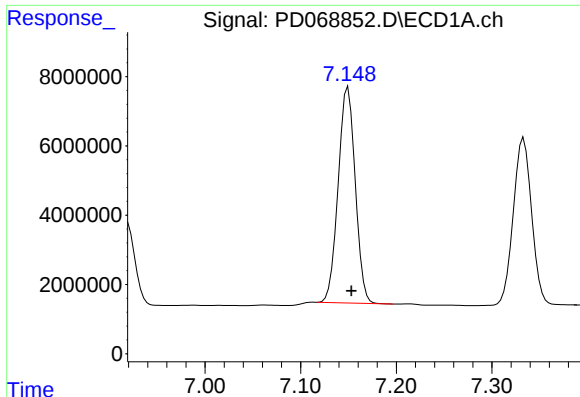
#20 Methoxychlor

R.T.: 6.919 min
Delta R.T.: -0.005 min
Response: 30637895
Conc: 44.21 ng/ml



#20 Methoxychlor

R.T.: 7.795 min
Delta R.T.: -0.004 min
Response: 183192323
Conc: 50.25 ng/ml



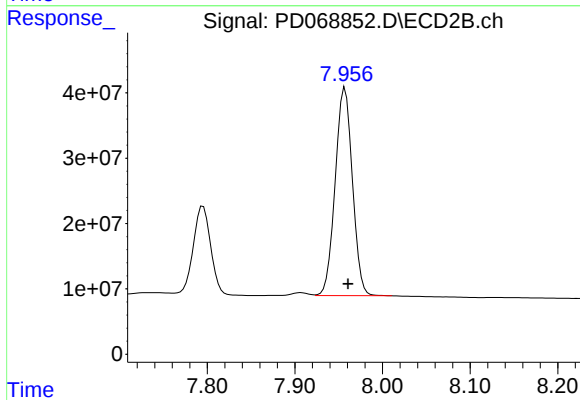
#21 Endrin ketone

R.T.: 7.150 min
Delta R.T.: -0.003 min
Response: 77333824
Conc: 52.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143748BS

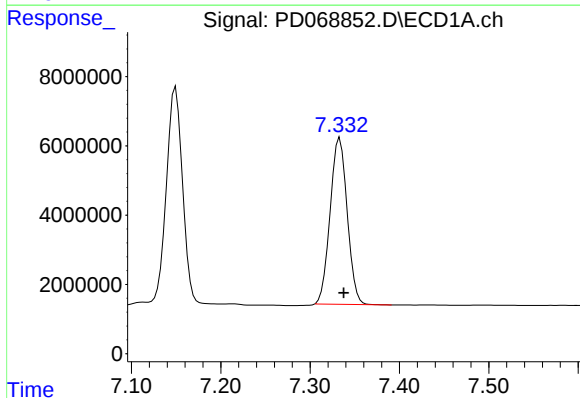
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/31/2022
Supervised By :mohammad ahmed 04/01/2022



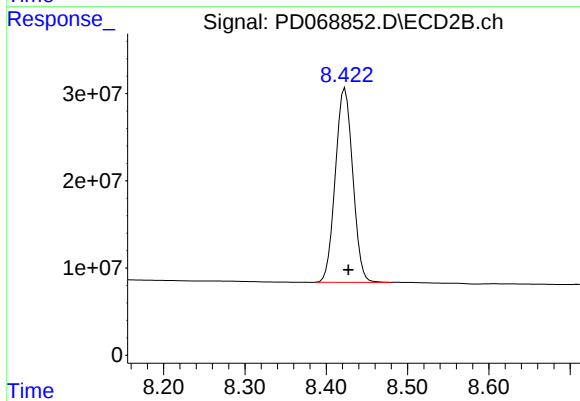
#21 Endrin ketone

R.T.: 7.957 min
Delta R.T.: -0.003 min
Response: 435305012
Conc: 56.18 ng/ml



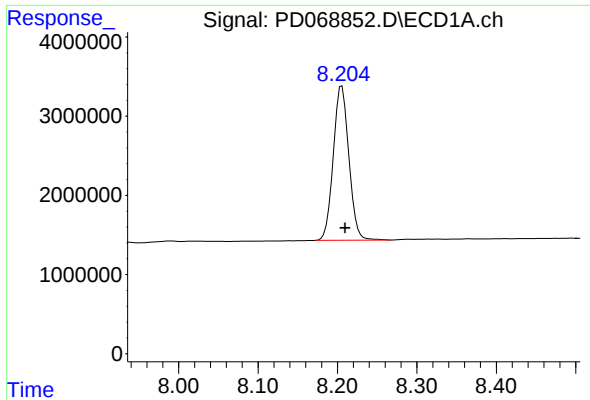
#22 Mirex

R.T.: 7.333 min
Delta R.T.: -0.004 min
Response: 63717186
Conc: 53.76 ng/ml



#22 Mirex

R.T.: 8.423 min
Delta R.T.: -0.004 min
Response: 331388777
Conc: 60.46 ng/ml



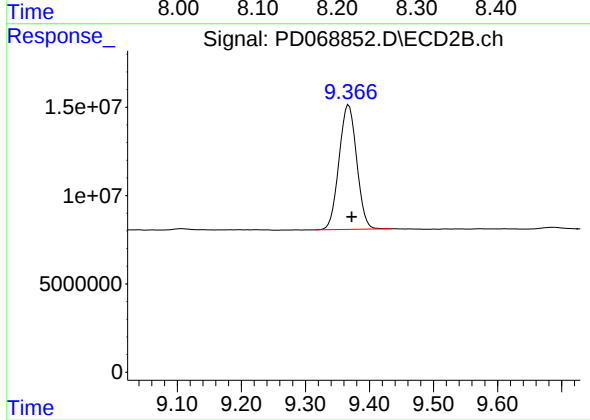
#28 Decachlorobiphenyl

R.T.: 8.206 min
Delta R.T.: -0.004 min
Response: 26538069
Conc: 21.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143748BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/31/2022
Supervised By :mohammad ahmed 04/01/2022



#28 Decachlorobiphenyl

R.T.: 9.368 min
Delta R.T.: -0.005 min
Response: 134940061
Conc: 23.81 ng/ml