

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD040122\
 Data File : PD068848.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Mar 2022 10:34
 Operator : AR\AJ
 Sample : PB143717BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB143717BS

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 02:45:42 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...	3.454	4.173	21703465	199.9E6	17.875	20.913
28)	SA Decachlor...	8.213	9.370	25917194	130.6E6	20.514	23.053
Target Compounds							
2)	A alpha-BHC	3.894	4.570	84714597	683.0E6	46.789	49.630
3)	MA gamma-BHC...	4.178	4.860	78478137	618.4E6	46.999	49.458
4)	MA Heptachlor	4.476	5.387	70357578	555.9E6	42.706	46.773
5)	MB Aldrin	4.724	5.700	78259851	596.9E6	48.970	52.003
6)	B beta-BHC	4.429	5.023	32830399	260.8E6	44.094	47.512
7)	B delta-BHC	4.633	5.249	78705268	598.5E6	48.161	49.767
8)	B Heptachlo...	5.169	6.087	70929102	552.1E6	47.429	52.866m
9)	A Endosulfan I	5.508	6.451	65595558	480.0E6	46.879	51.187
10)	B gamma-Chl...	5.395	6.325	72260234	542.5E6	47.636	52.637
11)	B alpha-Chl...	5.454	6.400	71054745	517.6E6	47.539	51.983
12)	B 4,4'-DDE	5.619	6.550	66593137	479.1E6	48.677m	51.704
13)	MA Dieldrin	5.752	6.709	73158831	513.9E6	50.104	52.907
14)	MA Endrin	6.009	6.929	66324319	352.3E6	50.348	45.528
15)	B Endosulfa...	6.283	7.135	64251932	411.1E6	51.552	54.388
16)	A 4,4'-DDD	6.138	7.041	58756127	392.8E6	49.826	53.183
17)	MA 4,4'-DDT	6.377	7.345	53619738	358.1E6	44.610	48.742
18)	B Endrin al...	6.453	7.259	52610884	341.0E6	52.995	56.342
19)	B Endosulfa...	6.665	7.484	63587191	391.5E6	49.723	53.229
20)	A Methoxychlor	6.928	7.797	30590045	180.5E6	44.140	49.523
21)	B Endrin ke...	7.159	7.959	74831278	420.0E6	50.831	54.202
22)	Mirex	7.342	8.425	63248298	320.2E6	53.366	58.417

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD040122\
 Data File : PD068848.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Mar 2022 10:34
 Operator : AR\AJ
 Sample : PB143717BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

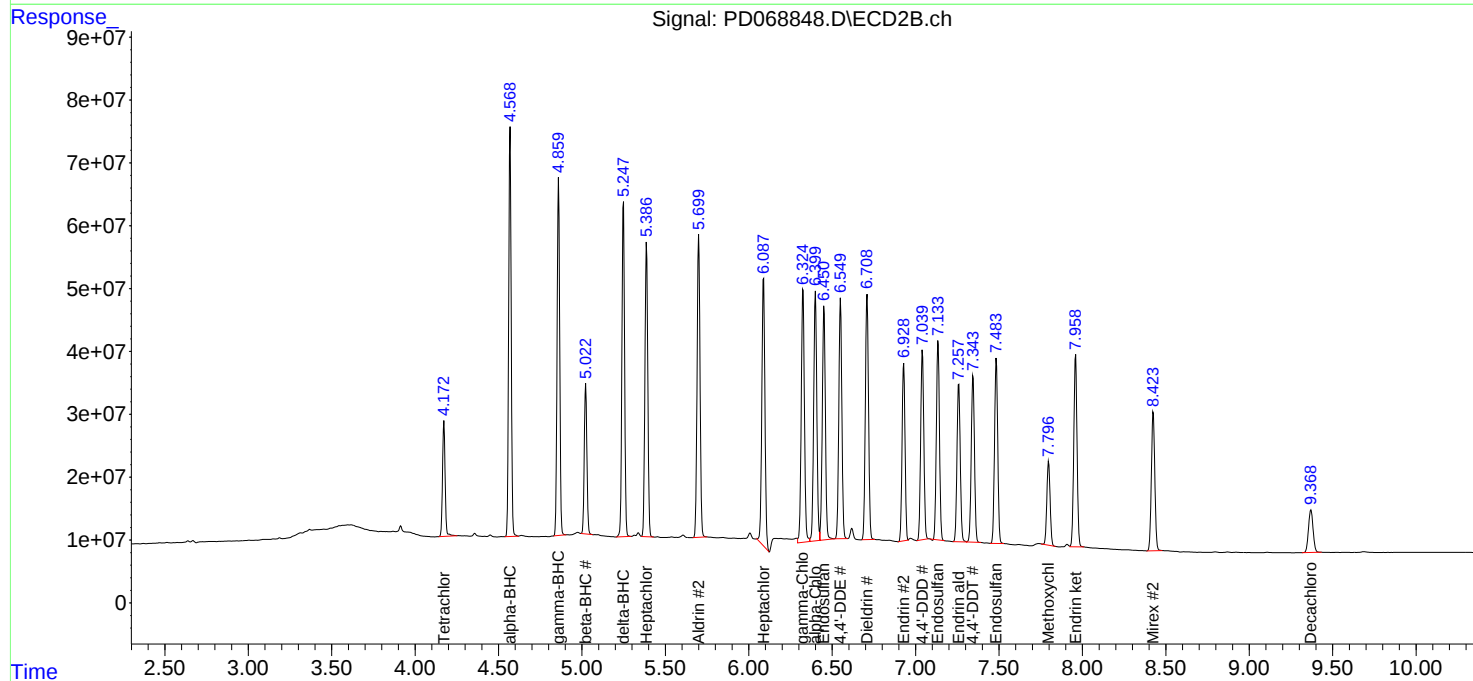
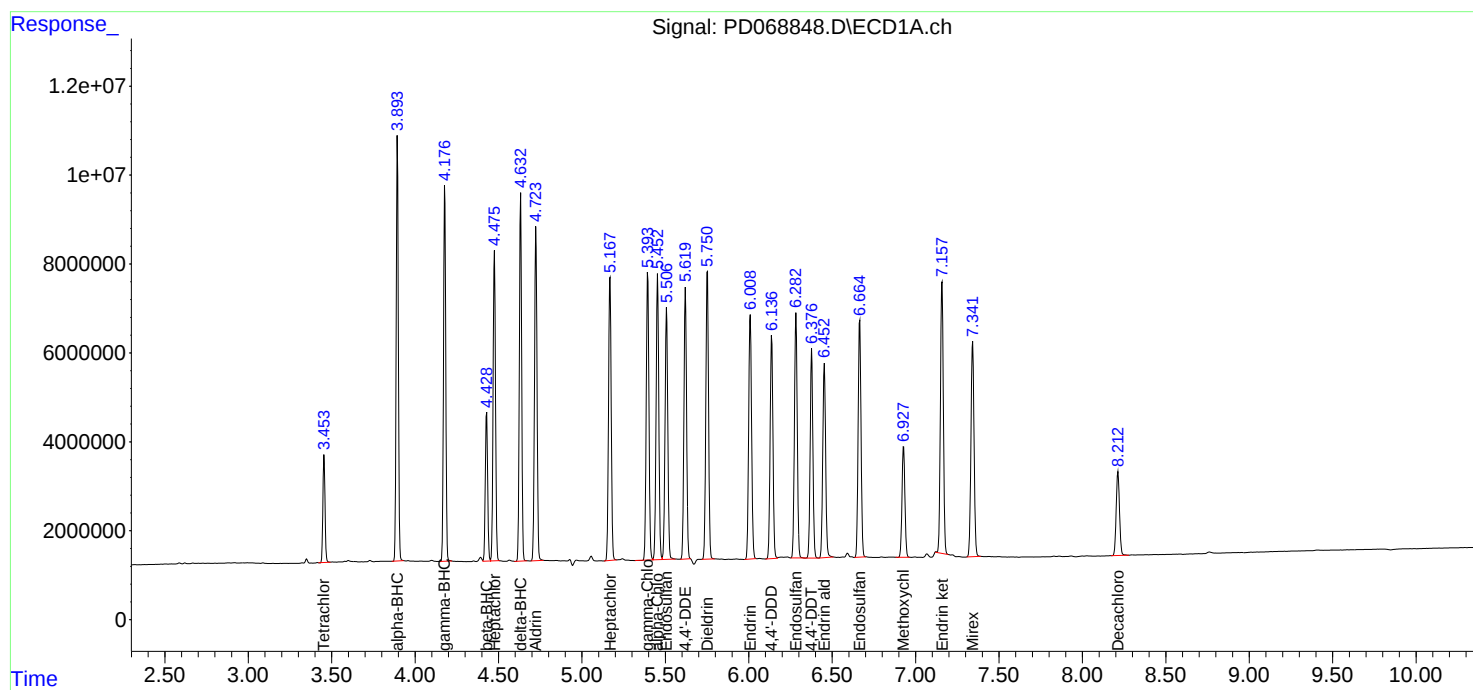
Instrument :
 ECD_D
 ClientSampleId :
 PB143717BS

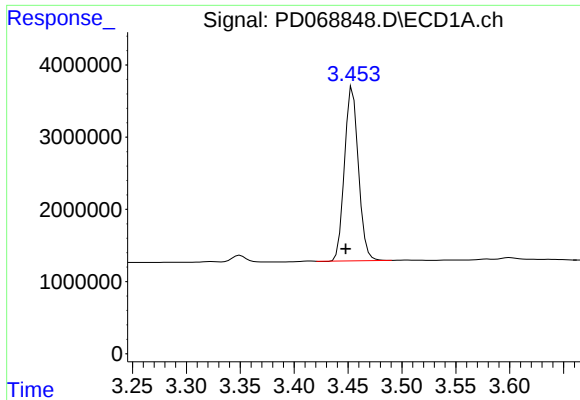
Manual Integrations APPROVED

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 Supervised By : mohammad ahmed 04/01/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 31 02:45:42 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD031222.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 14 03:30:32 2022
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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





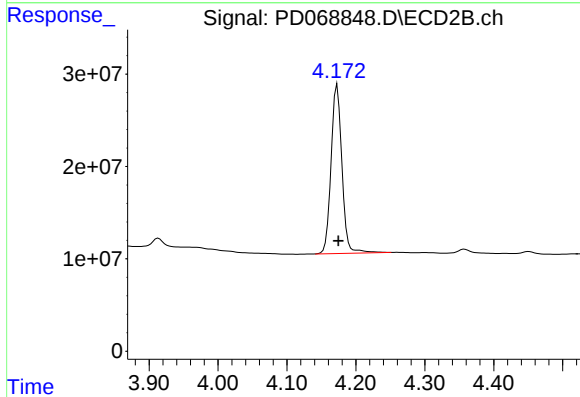
#1 Tetrachloro-m-xylene

R.T.: 3.454 min
Delta R.T.: 0.006 min
Response: 21703465
Conc: 17.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143717BS

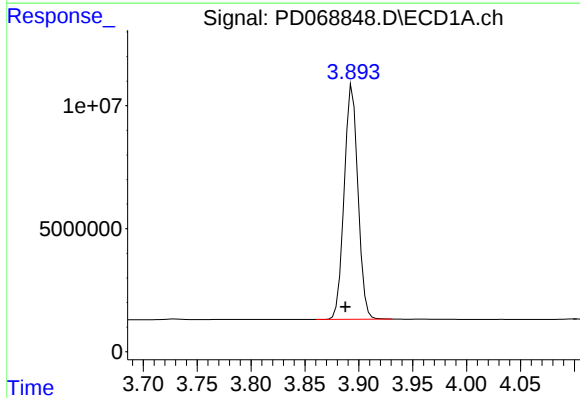
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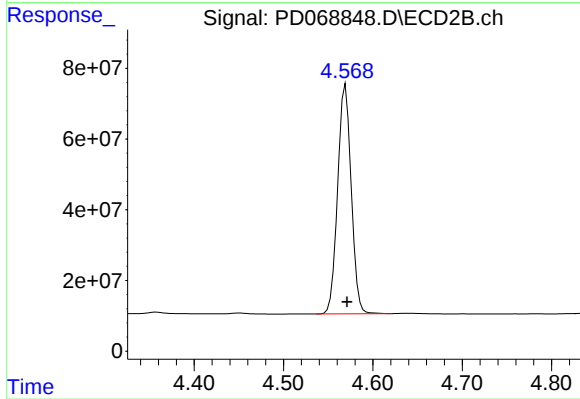
#1 Tetrachloro-m-xylene

R.T.: 4.173 min
Delta R.T.: -0.002 min
Response: 199943186
Conc: 20.91 ng/ml



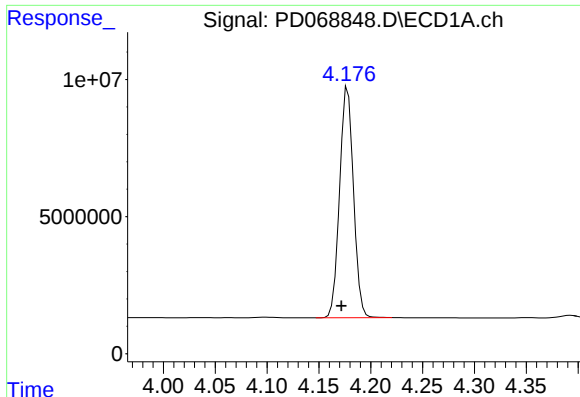
#2 alpha-BHC

R.T.: 3.894 min
Delta R.T.: 0.006 min
Response: 84714597
Conc: 46.79 ng/ml



#2 alpha-BHC

R.T.: 4.570 min
Delta R.T.: -0.002 min
Response: 683047280
Conc: 49.63 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.178 min
Delta R.T.: 0.006 min
Response: 78478137
Conc: 47.00 ng/ml

Instrument :

ECD_D

ClientSampleId :

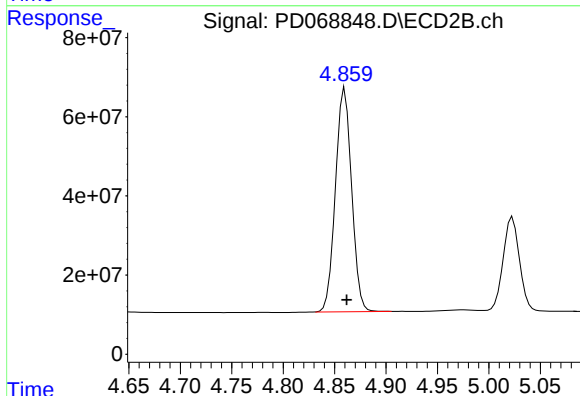
PB143717BS

Manual Integrations

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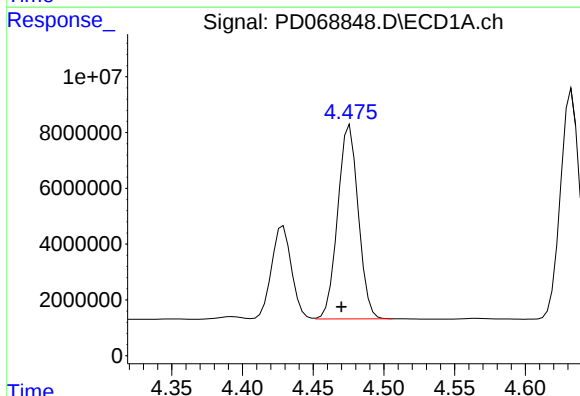
Reviewed By :Abdul Mirza 03/31/2022

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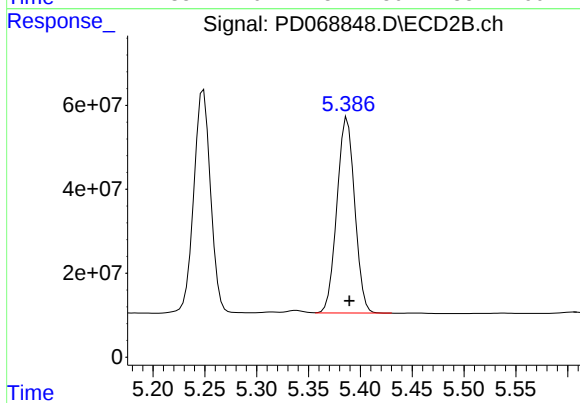
#3 gamma-BHC (Lindane)

R.T.: 4.860 min
Delta R.T.: -0.002 min
Response: 618382478
Conc: 49.46 ng/ml



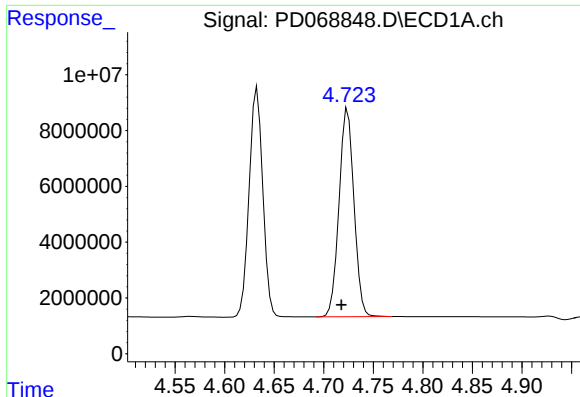
#4 Heptachlor

R.T.: 4.476 min
Delta R.T.: 0.006 min
Response: 70357578
Conc: 42.71 ng/ml



#4 Heptachlor

R.T.: 5.387 min
Delta R.T.: -0.002 min
Response: 555862173
Conc: 46.77 ng/ml



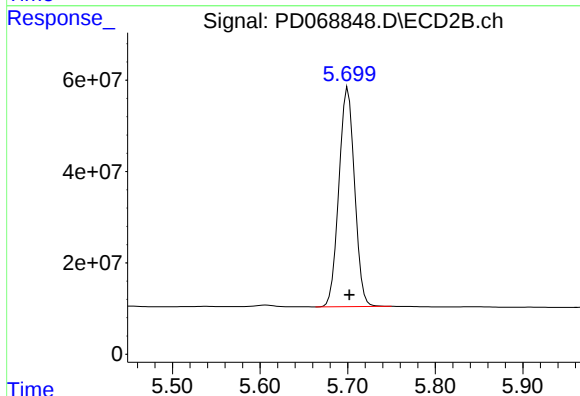
#5 Aldrin

R.T.: 4.724 min
Delta R.T.: 0.006 min
Response: 78259851
Conc: 48.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143717BS

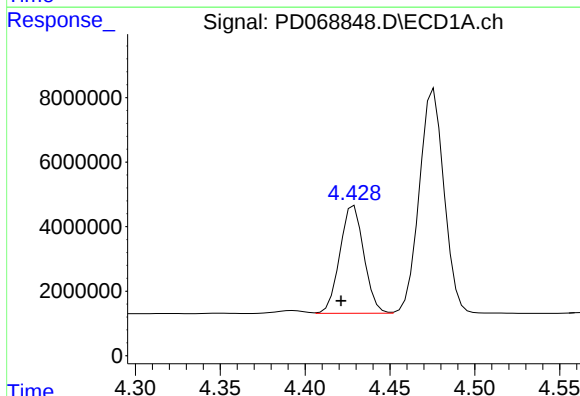
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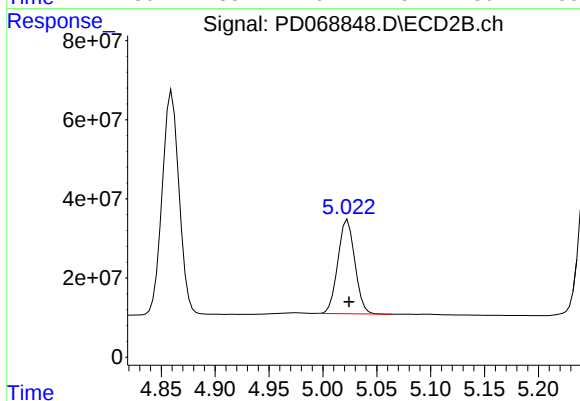
#5 Aldrin

R.T.: 5.700 min
Delta R.T.: -0.002 min
Response: 596927506
Conc: 52.00 ng/ml



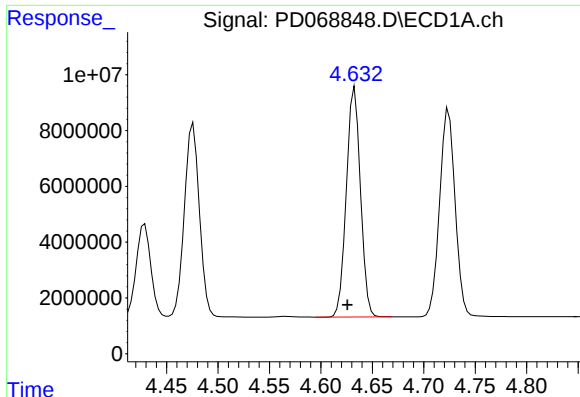
#6 beta-BHC

R.T.: 4.429 min
Delta R.T.: 0.008 min
Response: 32830399
Conc: 44.09 ng/ml



#6 beta-BHC

R.T.: 5.023 min
Delta R.T.: -0.001 min
Response: 260836858
Conc: 47.51 ng/ml



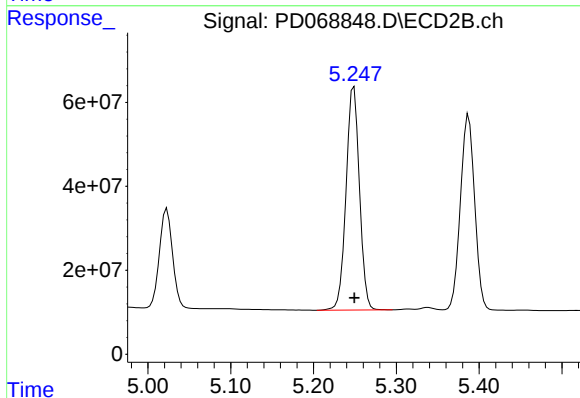
#7 delta-BHC

R.T.: 4.633 min
Delta R.T.: 0.007 min
Response: 78705268
Conc: 48.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143717BS

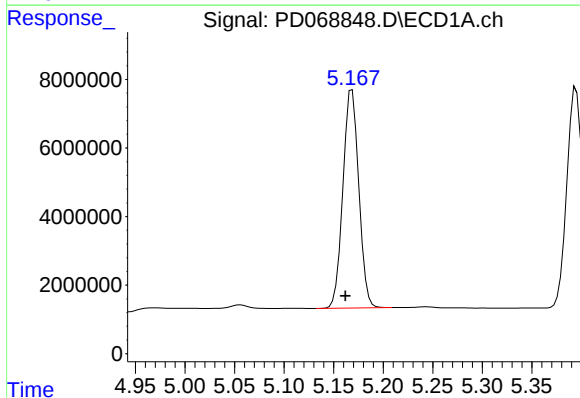
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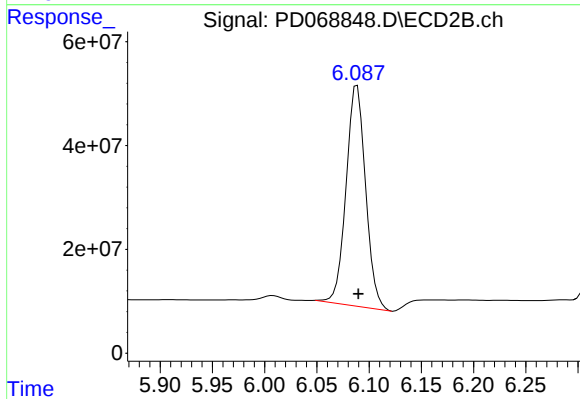
#7 delta-BHC

R.T.: 5.249 min
Delta R.T.: 0.000 min
Response: 598485265
Conc: 49.77 ng/ml



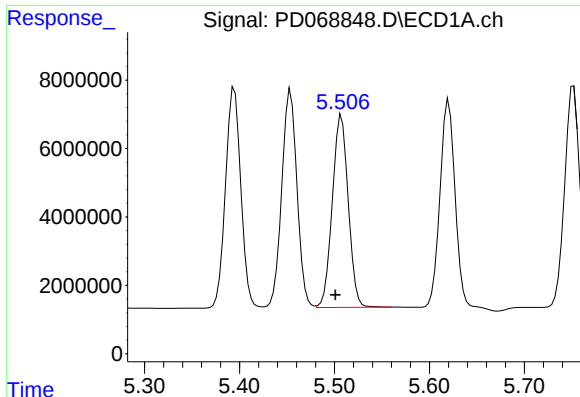
#8 Heptachlor epoxide

R.T.: 5.169 min
Delta R.T.: 0.007 min
Response: 70929102
Conc: 47.43 ng/ml



#8 Heptachlor epoxide

R.T.: 6.087 min
Delta R.T.: -0.003 min
Response: 552069785
Conc: 52.87 ng/ml m



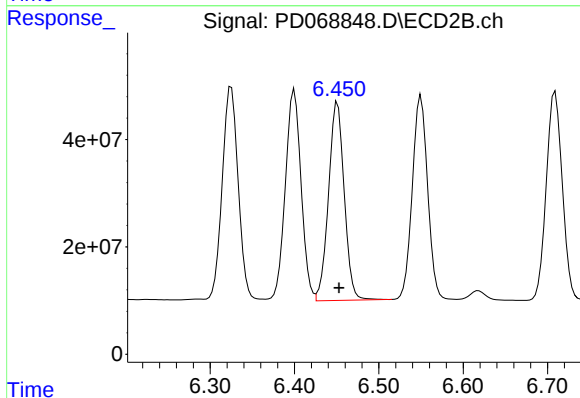
#9 Endosulfan I

R.T.: 5.508 min
Delta R.T.: 0.006 min
Response: 65595558
Conc: 46.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143717BS

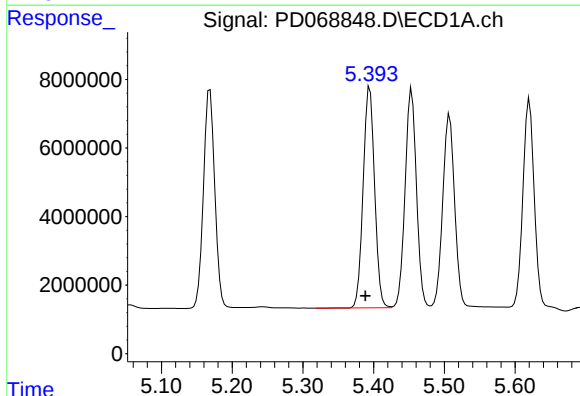
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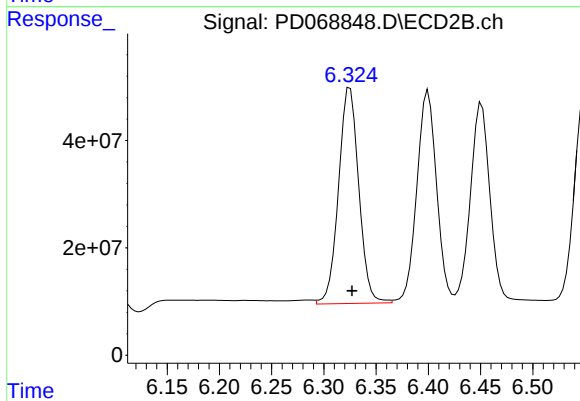
#9 Endosulfan I

R.T.: 6.451 min
Delta R.T.: -0.002 min
Response: 480037006
Conc: 51.19 ng/ml



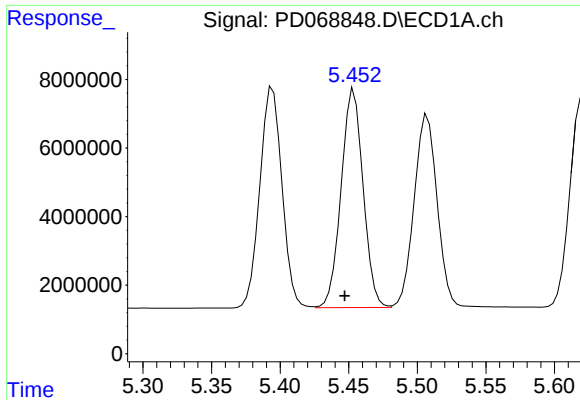
#10 gamma-Chlordane

R.T.: 5.395 min
Delta R.T.: 0.006 min
Response: 72260234
Conc: 47.64 ng/ml



#10 gamma-Chlordane

R.T.: 6.325 min
Delta R.T.: -0.002 min
Response: 542542333
Conc: 52.64 ng/ml



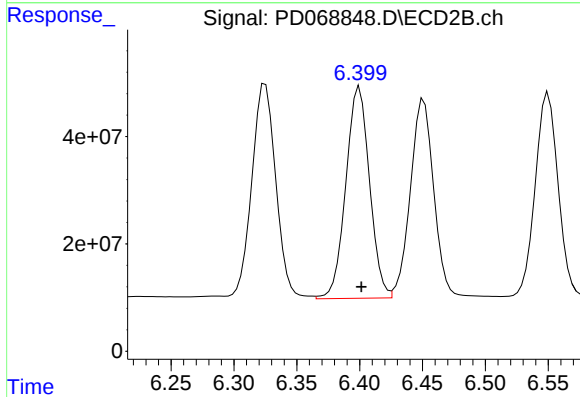
#11 alpha-Chlordane

R.T.: 5.454 min
Delta R.T.: 0.007 min
Response: 71054745
Conc: 47.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143717BS

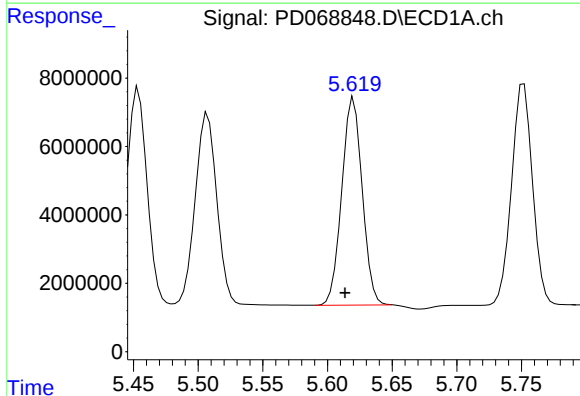
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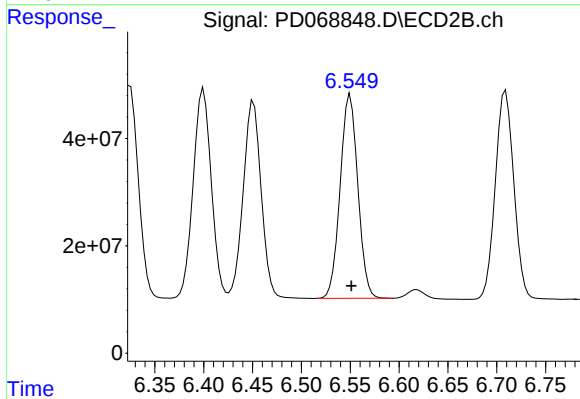
#11 alpha-Chlordane

R.T.: 6.400 min
Delta R.T.: -0.001 min
Response: 51755529
Conc: 51.98 ng/ml



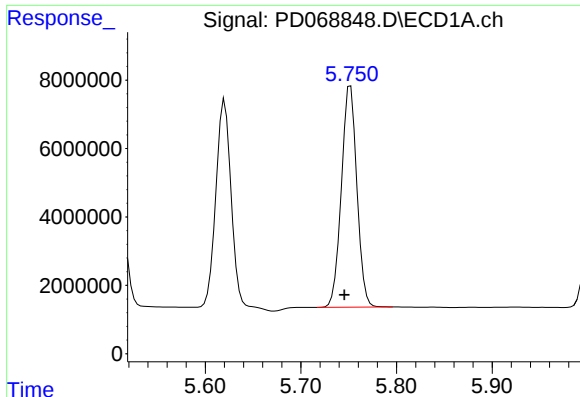
#12 4,4'-DDE

R.T.: 5.619 min
Delta R.T.: 0.005 min
Response: 66593137
Conc: 48.68 ng/ml m



#12 4,4'-DDE

R.T.: 6.550 min
Delta R.T.: -0.001 min
Response: 479137742
Conc: 51.70 ng/ml



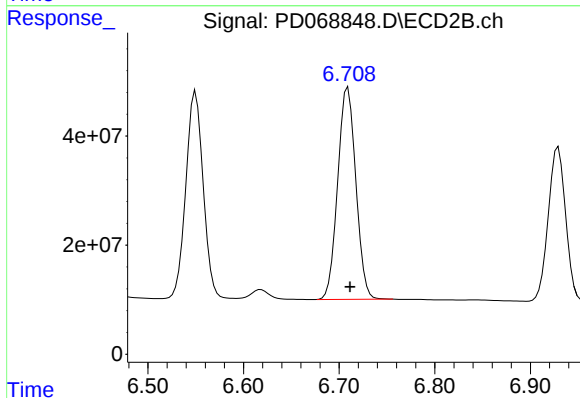
#13 Dieldrin

R.T.: 5.752 min
Delta R.T.: 0.006 min
Response: 73158831
Conc: 50.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143717BS

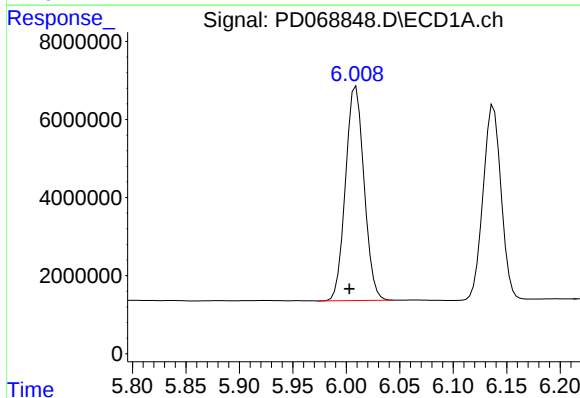
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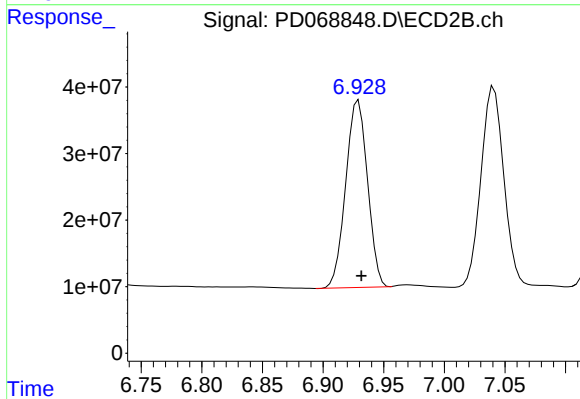
#13 Dieldrin

R.T.: 6.709 min
Delta R.T.: -0.002 min
Response: 513890387
Conc: 52.91 ng/ml



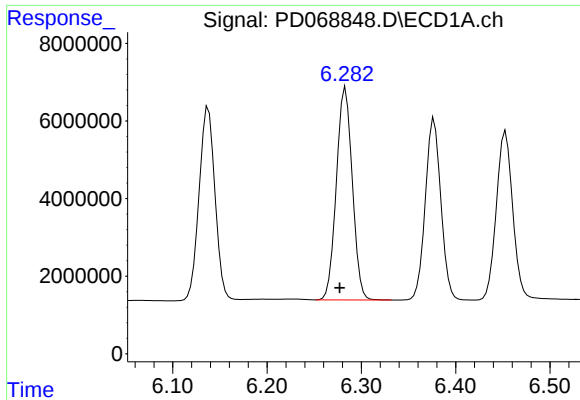
#14 Endrin

R.T.: 6.009 min
Delta R.T.: 0.006 min
Response: 66324319
Conc: 50.35 ng/ml



#14 Endrin

R.T.: 6.929 min
Delta R.T.: -0.003 min
Response: 352276348
Conc: 45.53 ng/ml



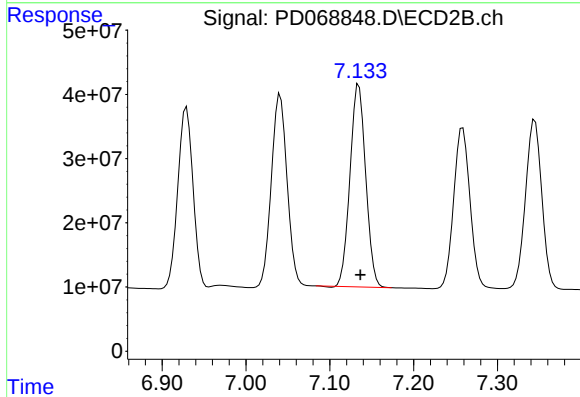
#15 Endosulfan II

R.T.: 6.283 min
Delta R.T.: 0.006 min
Response: 64251932
Conc: 51.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143717BS

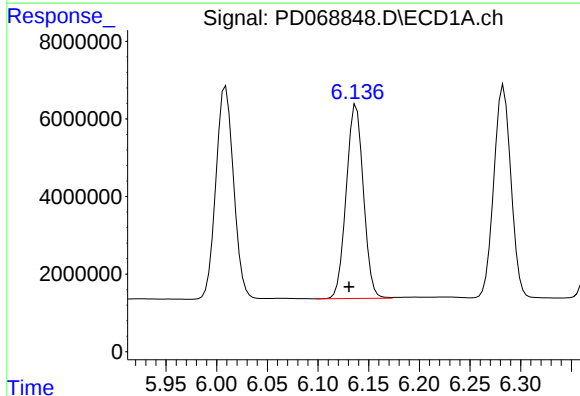
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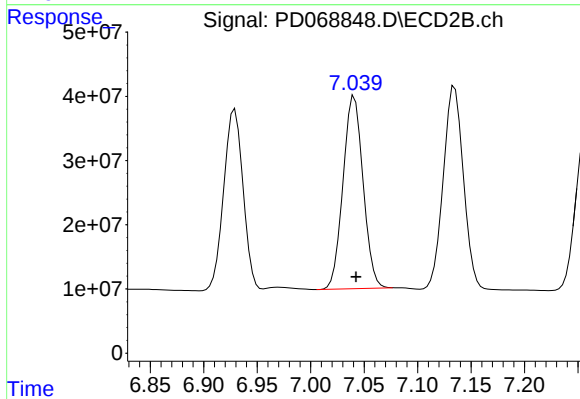
#15 Endosulfan II

R.T.: 7.135 min
Delta R.T.: -0.002 min
Response: 411093019
Conc: 54.39 ng/ml



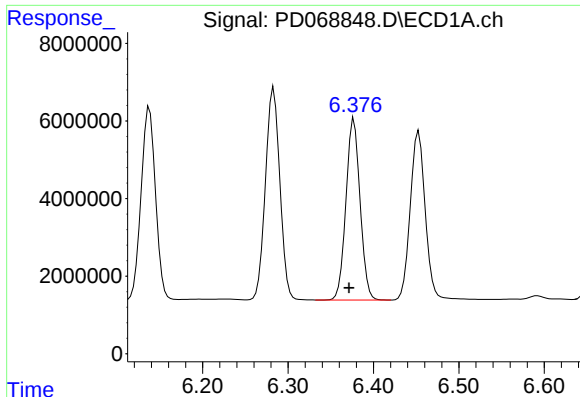
#16 4,4'-DDD

R.T.: 6.138 min
Delta R.T.: 0.007 min
Response: 58756127
Conc: 49.83 ng/ml



#16 4,4'-DDD

R.T.: 7.041 min
Delta R.T.: -0.001 min
Response: 392773641
Conc: 53.18 ng/ml



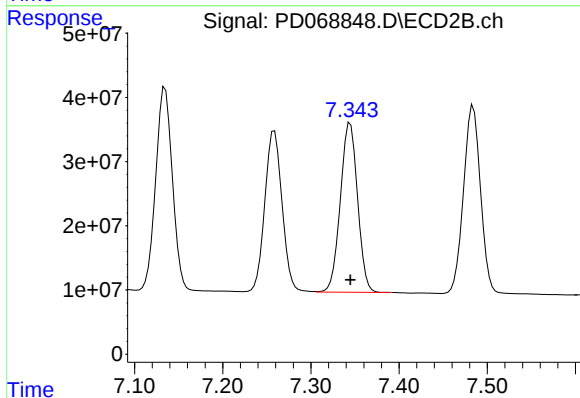
#17 4,4'-DDT

R.T.: 6.377 min
Delta R.T.: 0.006 min
Response: 53619738
Conc: 44.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143717BS

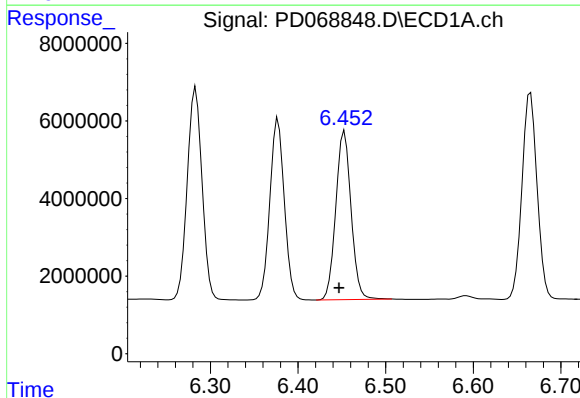
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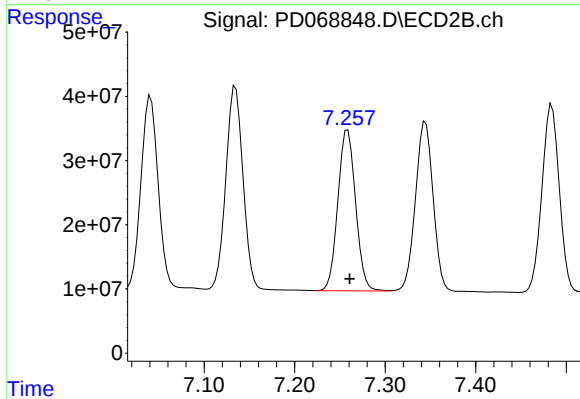
#17 4,4'-DDT

R.T.: 7.345 min
Delta R.T.: 0.000 min
Response: 358093416
Conc: 48.74 ng/ml



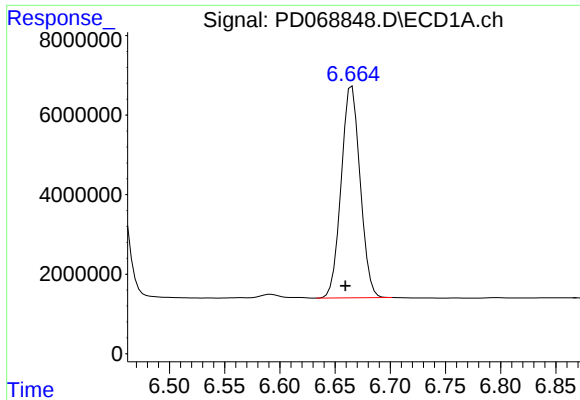
#18 Endrin aldehyde

R.T.: 6.453 min
Delta R.T.: 0.006 min
Response: 52610884
Conc: 53.00 ng/ml



#18 Endrin aldehyde

R.T.: 7.259 min
Delta R.T.: -0.002 min
Response: 340967207
Conc: 56.34 ng/ml



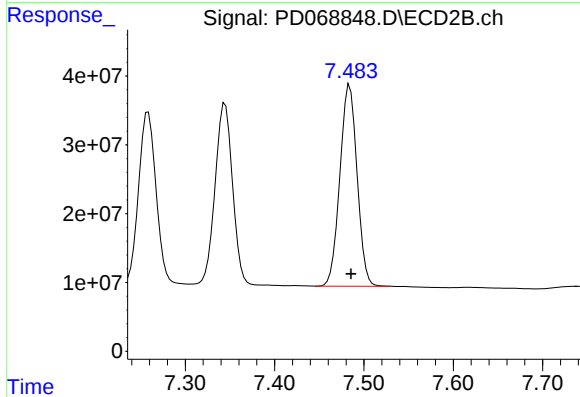
#19 Endosulfan Sulfate

R.T.: 6.665 min
Delta R.T.: 0.006 min
Response: 63587191
Conc: 49.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143717BS

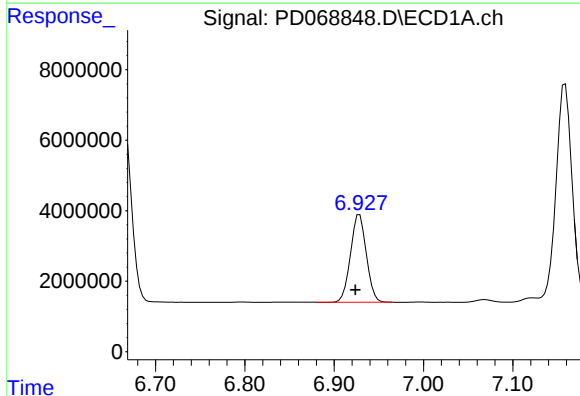
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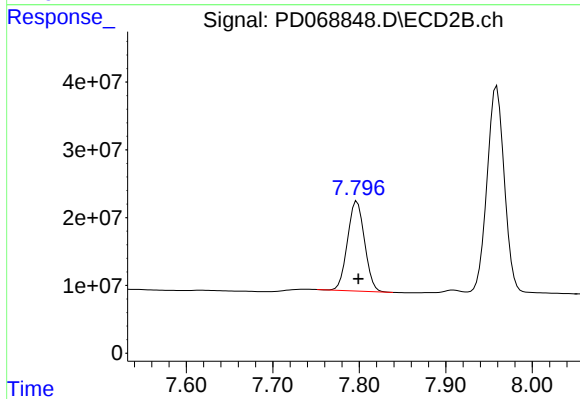
#19 Endosulfan Sulfate

R.T.: 7.484 min
Delta R.T.: -0.001 min
Response: 391502954
Conc: 53.23 ng/ml



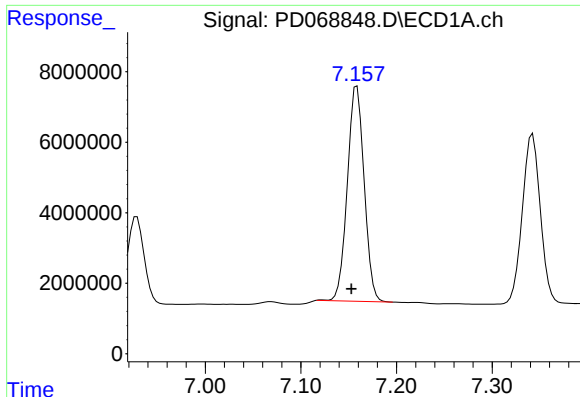
#20 Methoxychlor

R.T.: 6.928 min
Delta R.T.: 0.005 min
Response: 30590045
Conc: 44.14 ng/ml



#20 Methoxychlor

R.T.: 7.797 min
Delta R.T.: -0.002 min
Response: 180526893
Conc: 49.52 ng/ml



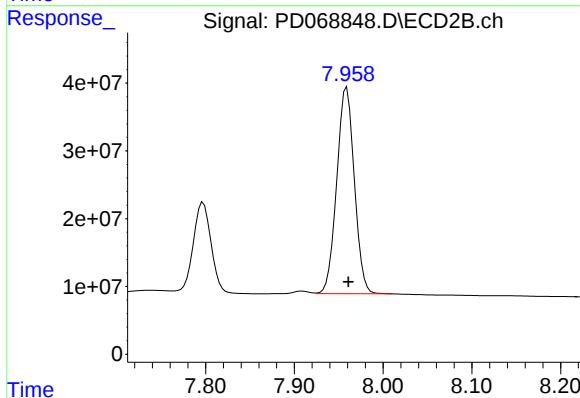
#21 Endrin ketone

R.T.: 7.159 min
Delta R.T.: 0.006 min
Response: 74831278
Conc: 50.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143717BS

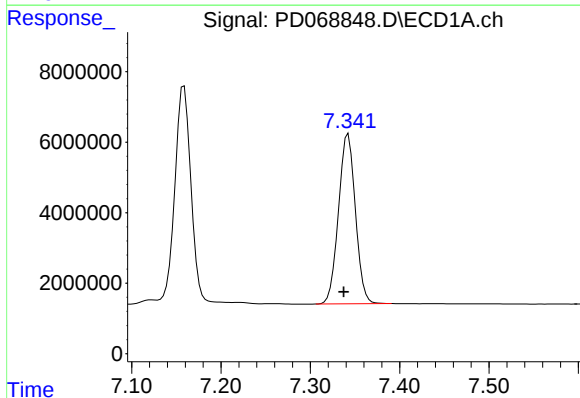
Manual Integrations
APPROVED

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



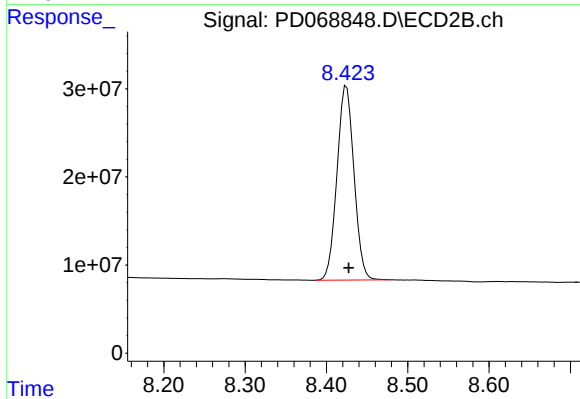
#21 Endrin ketone

R.T.: 7.959 min
Delta R.T.: -0.002 min
Response: 419998953
Conc: 54.20 ng/ml



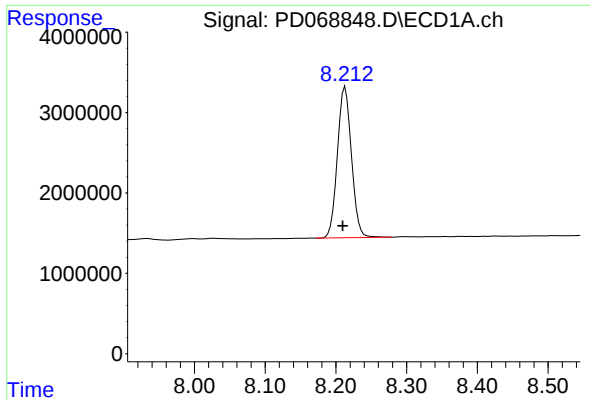
#22 Mirex

R.T.: 7.342 min
Delta R.T.: 0.005 min
Response: 63248298
Conc: 53.37 ng/ml



#22 Mirex

R.T.: 8.425 min
Delta R.T.: -0.003 min
Response: 320202648
Conc: 58.42 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.213 min
Delta R.T.: 0.003 min
Response: 25917194
Conc: 20.51 ng/ml

Instrument :

ECD_D

ClientSampleId :

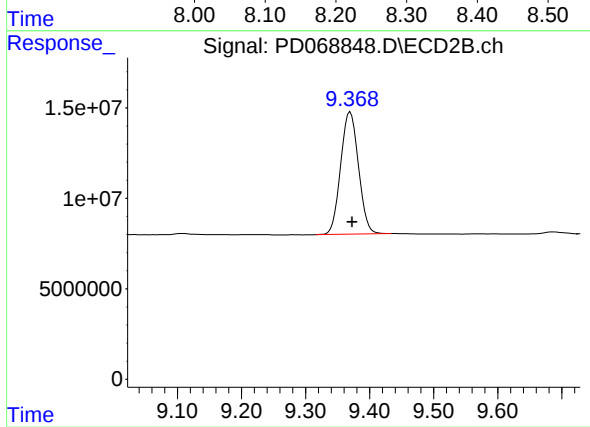
PB143717BS

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 9.370 min
Delta R.T.: -0.003 min
Response: 130636467
Conc: 23.05 ng/ml