

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD040322\
 Data File : PD068890.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Apr 2022 12:15
 Operator : AR\AJ
 Sample : PB143791BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB143791BS

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 01 23:26:14 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...	3.447	4.173	23362312	214.8E6	19.241	22.468
28)	SA Decachlor...	8.208	9.373	27058778	137.2E6	21.418	24.217
Target Compounds							
2)	A alpha-BHC	3.887	4.569	91276658	741.8E6	50.413	53.899
3)	MA gamma-BHC...	4.170	4.860	84813798	678.5E6	50.794	54.264
4)	MA Heptachlor	4.469	5.387	82797130	648.9E6	50.257	54.600
5)	MB Aldrin	4.717	5.701	84402306	651.0E6	52.813	56.709
6)	B beta-BHC	4.421	5.023	35423209	284.2E6	47.576	51.775
7)	B delta-BHC	4.625	5.248	84677489	588.8E6	51.815	48.966
8)	B Heptachlo...	5.161	6.087	76229081	593.0E6	50.973	56.785m
9)	A Endosulfan I	5.500	6.450	70477693	505.6E6	50.368	53.909m
10)	B gamma-Chl...	5.387	6.325	77662275	559.9E6	51.197	54.326m
11)	B alpha-Chl...	5.446	6.399	76161641	541.8E6	50.956	54.418m
12)	B 4,4'-DDE	5.612	6.551	75002753	519.5E6	54.824	56.061
13)	MA Dieldrin	5.745	6.711	78099001	556.7E6	53.487	57.312
14)	MA Endrin	6.002	6.930	74044501	391.8E6	56.209	50.632
15)	B Endosulfa...	6.276	7.135	67445982	452.3E6	54.114	59.844m
16)	A 4,4'-DDD	6.131	7.041	61245301	421.0E6	51.937	57.010m
17)	MA 4,4'-DDT	6.371	7.346	62810182	432.3E6	52.256	58.848
18)	B Endrin al...	6.447	7.260	56021663	359.6E6	56.431	59.415
19)	B Endosulfa...	6.660	7.485	66694808	418.5E6	52.153	56.905
20)	A Methoxychlor	6.922	7.797	36292184	265.4E6	52.368	72.817m#
21)	B Endrin ke...	7.151	7.961	74113927	433.9E6	50.344m	55.994
22)	Mirex	7.336	8.427	64776716	339.7E6	54.656	61.982

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD040322\
 Data File : PD068890.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Apr 2022 12:15
 Operator : AR\AJ
 Sample : PB143791BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PB143791BS

Manual Integrations

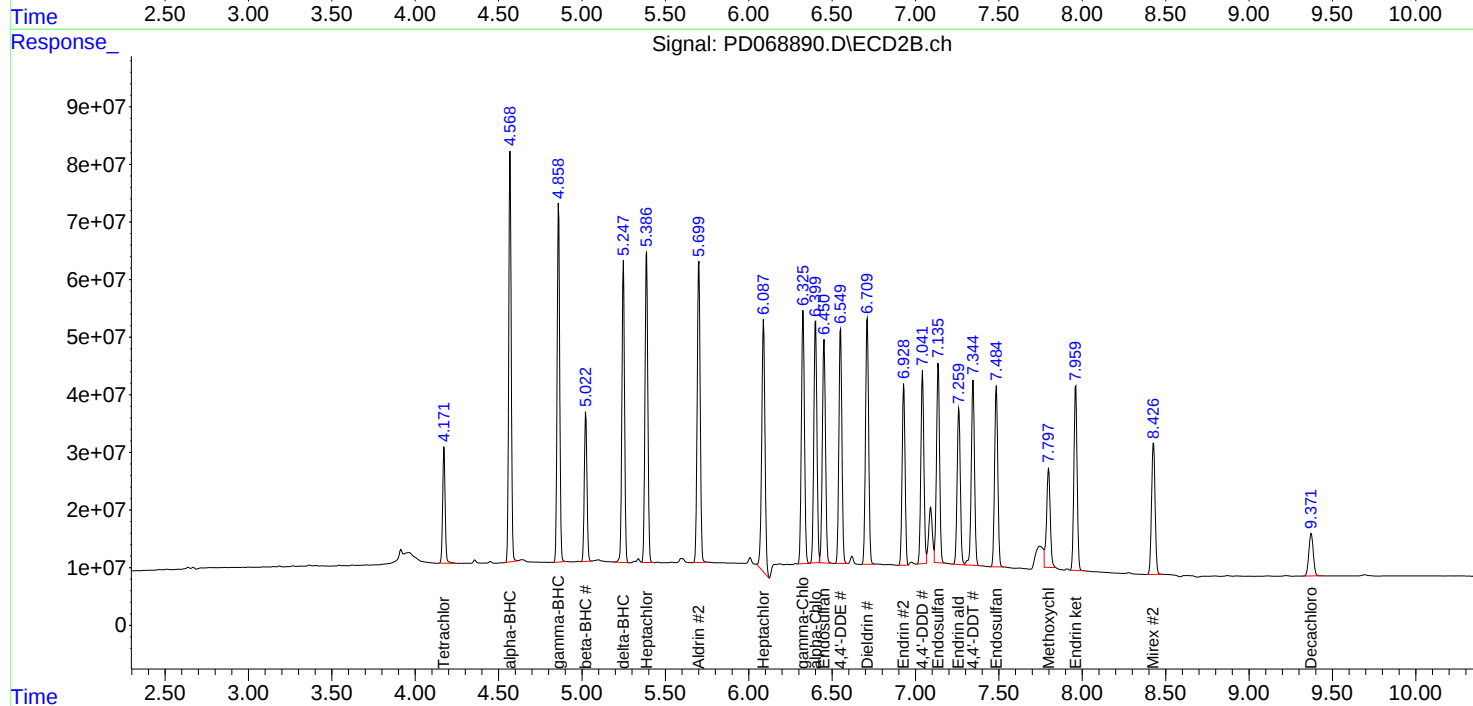
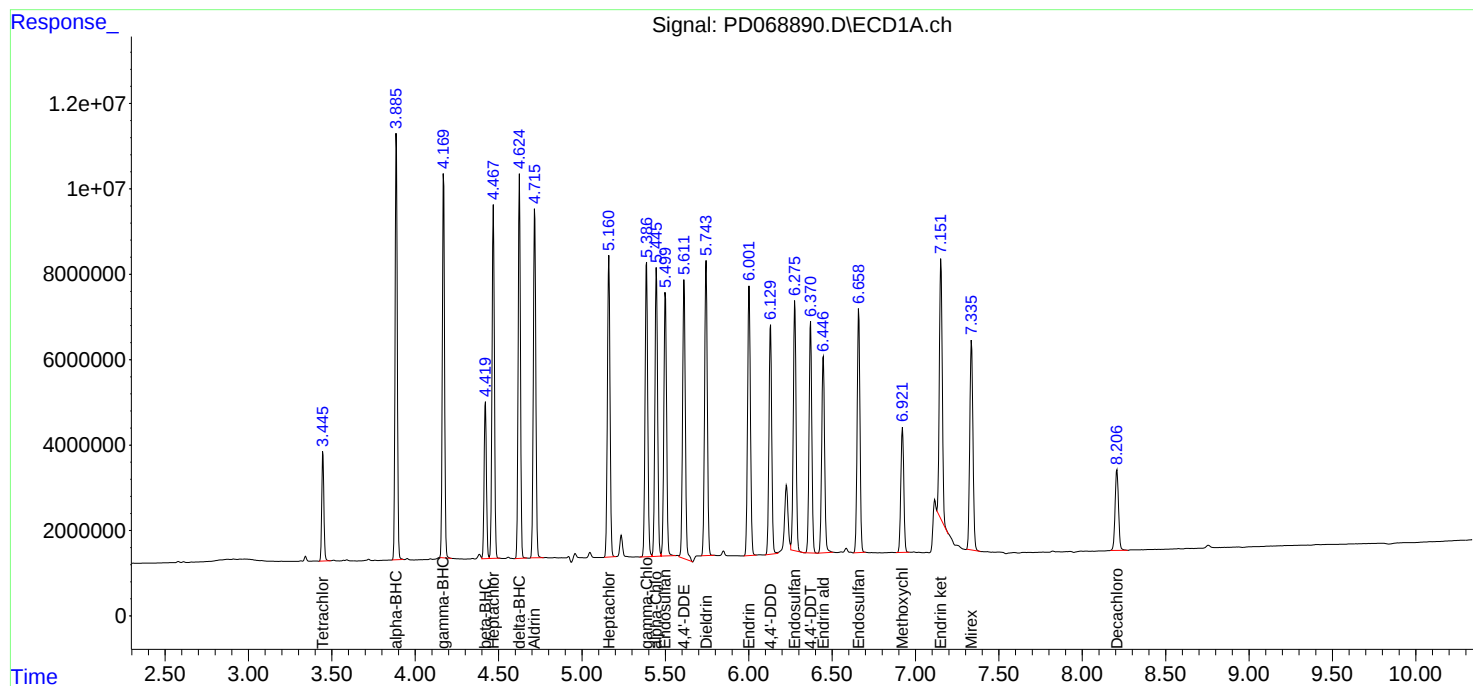
APPROVED

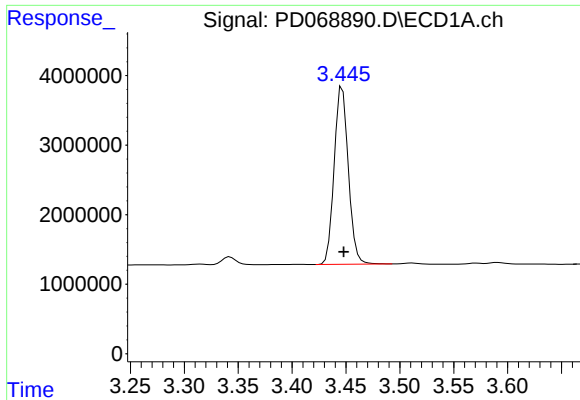
Reviewed By :Abdul Mirza 04/04/2022

Supervised By :mohammad ahmed 04/05/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 01 23:26:14 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 x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





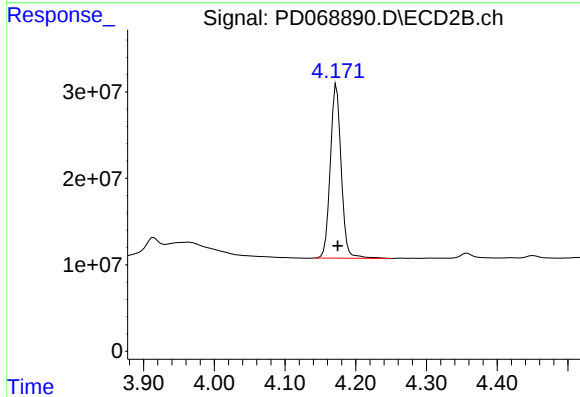
#1 Tetrachloro-m-xylene

R.T.: 3.447 min
Delta R.T.: -0.001 min
Response: 23362312
Conc: 19.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143791BS

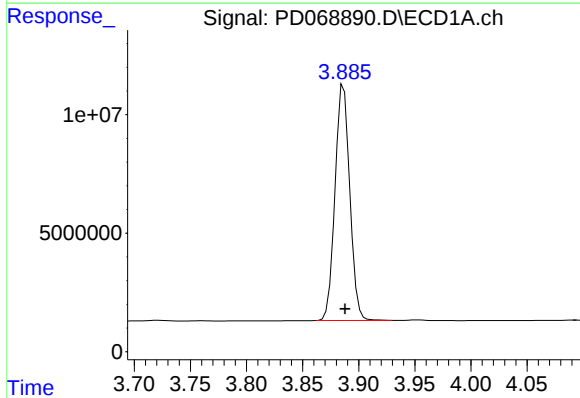
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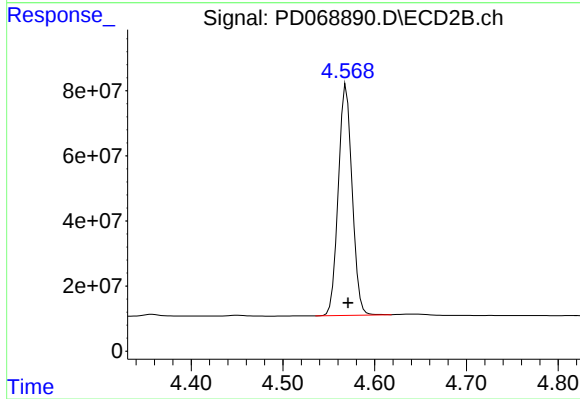
#1 Tetrachloro-m-xylene

R.T.: 4.173 min
Delta R.T.: -0.002 min
Response: 214807285
Conc: 22.47 ng/ml



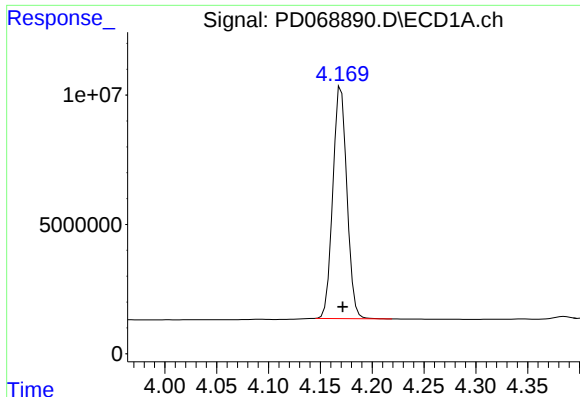
#2 alpha-BHC

R.T.: 3.887 min
Delta R.T.: 0.000 min
Response: 91276658
Conc: 50.41 ng/ml



#2 alpha-BHC

R.T.: 4.569 min
Delta R.T.: -0.002 min
Response: 741796859
Conc: 53.90 ng/ml



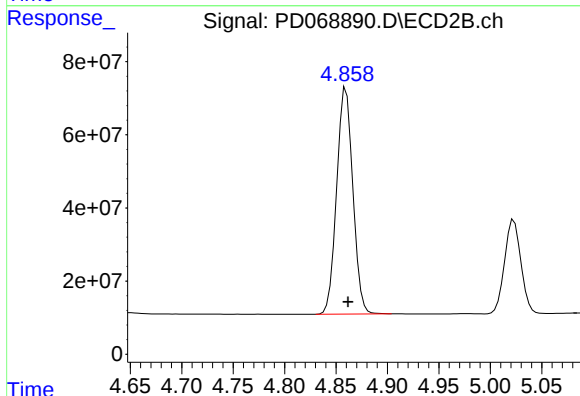
#3 gamma-BHC (Lindane)

R.T.: 4.170 min
Delta R.T.: -0.002 min
Response: 84813798
Conc: 50.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143791BS

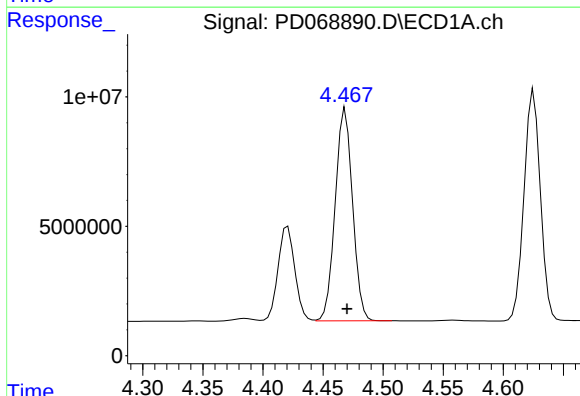
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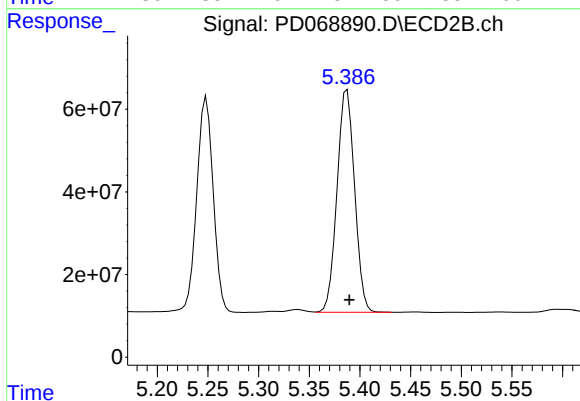
#3 gamma-BHC (Lindane)

R.T.: 4.860 min
Delta R.T.: -0.002 min
Response: 678474150
Conc: 54.26 ng/ml



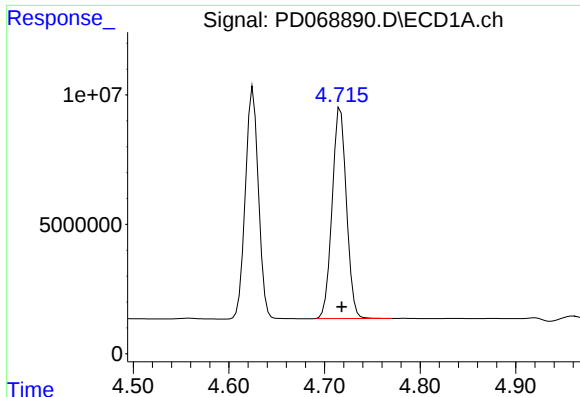
#4 Heptachlor

R.T.: 4.469 min
Delta R.T.: -0.001 min
Response: 82797130
Conc: 50.26 ng/ml



#4 Heptachlor

R.T.: 5.387 min
Delta R.T.: -0.002 min
Response: 648888054
Conc: 54.60 ng/ml



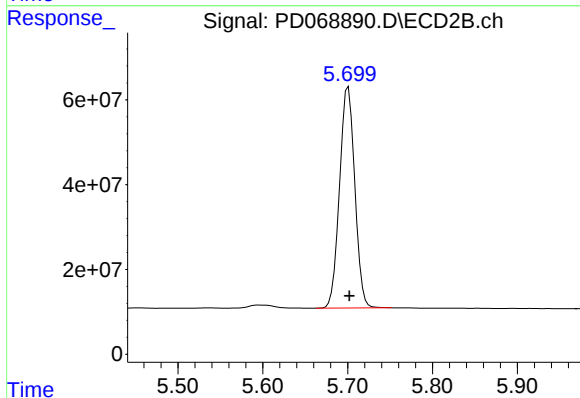
#5 Aldrin

R.T.: 4.717 min
Delta R.T.: -0.001 min
Response: 84402306
Conc: 52.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143791BS

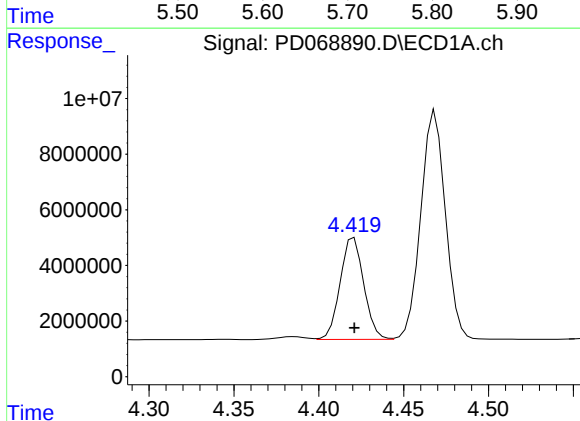
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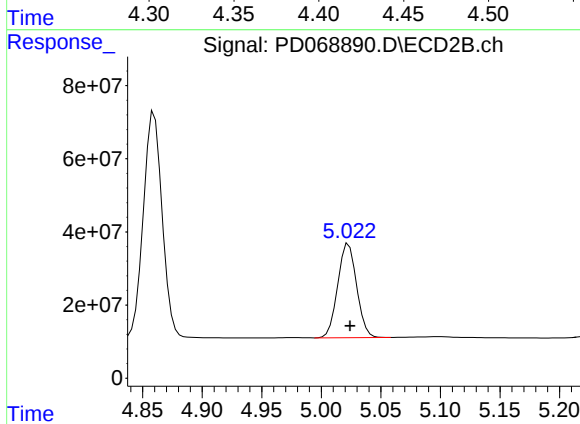
#5 Aldrin

R.T.: 5.701 min
Delta R.T.: -0.001 min
Response: 650954710
Conc: 56.71 ng/ml



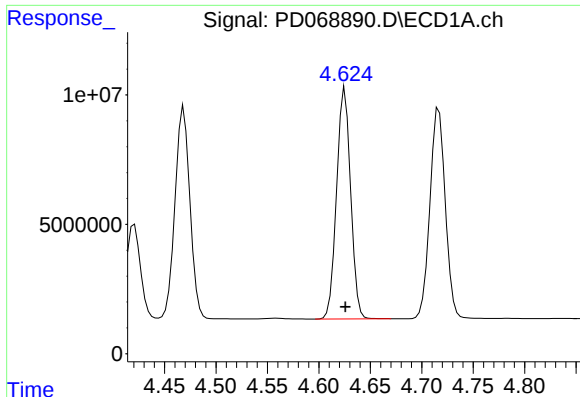
#6 beta-BHC

R.T.: 4.421 min
Delta R.T.: 0.000 min
Response: 35423209
Conc: 47.58 ng/ml



#6 beta-BHC

R.T.: 5.023 min
Delta R.T.: -0.001 min
Response: 284237381
Conc: 51.77 ng/ml



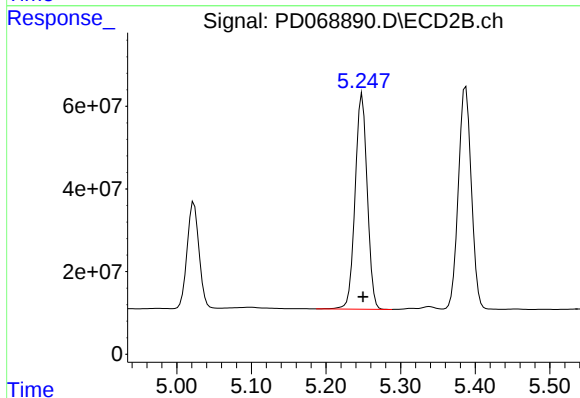
#7 delta-BHC

R.T.: 4.625 min
Delta R.T.: 0.000 min
Response: 84677489
Conc: 51.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143791BS

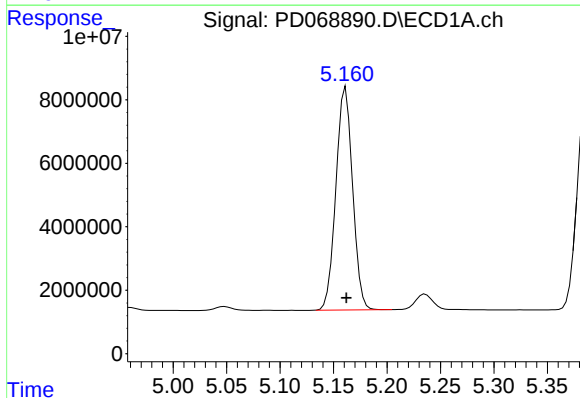
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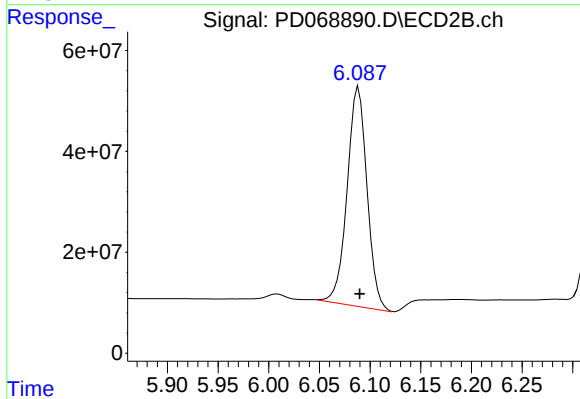
#7 delta-BHC

R.T.: 5.248 min
Delta R.T.: -0.001 min
Response: 588847275
Conc: 48.97 ng/ml



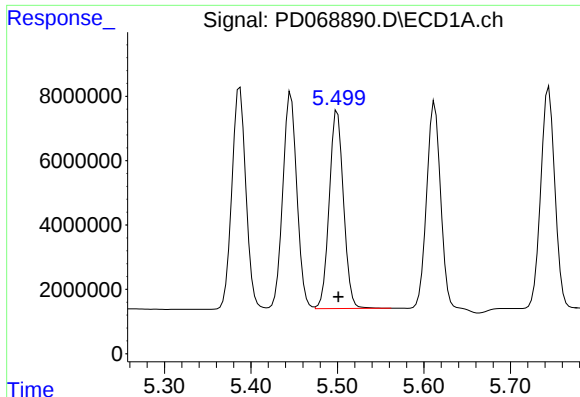
#8 Heptachlor epoxide

R.T.: 5.161 min
Delta R.T.: 0.000 min
Response: 76229081
Conc: 50.97 ng/ml



#8 Heptachlor epoxide

R.T.: 6.087 min
Delta R.T.: -0.003 min
Response: 592987571
Conc: 56.78 ng/ml m



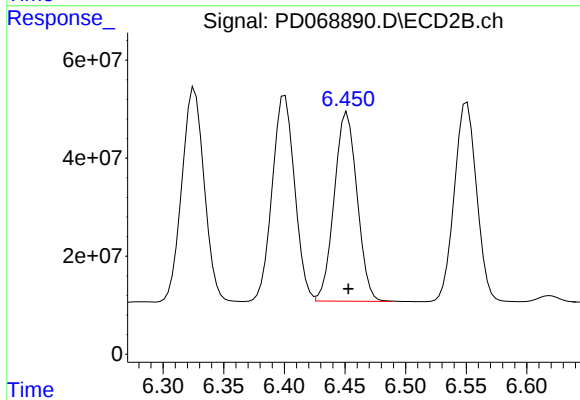
#9 Endosulfan I

R.T.: 5.500 min
Delta R.T.: -0.001 min
Response: 70477693
Conc: 50.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143791BS

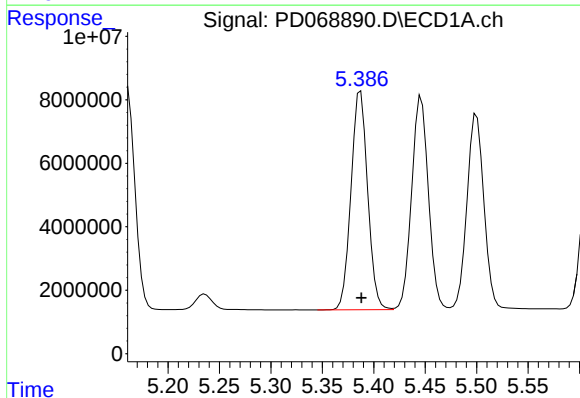
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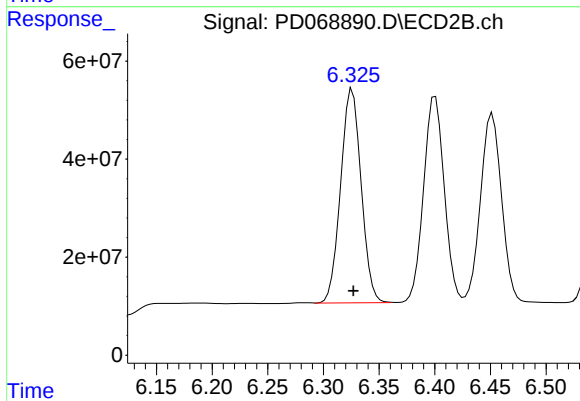
#9 Endosulfan I

R.T.: 6.450 min
Delta R.T.: -0.002 min
Response: 505570745
Conc: 53.91 ng/ml m



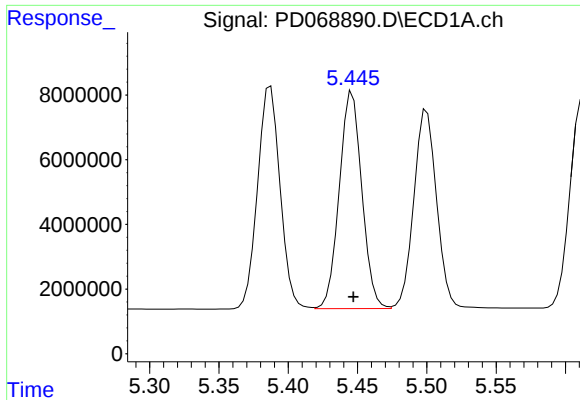
#10 gamma-Chlordane

R.T.: 5.387 min
Delta R.T.: 0.000 min
Response: 77662275
Conc: 51.20 ng/ml



#10 gamma-Chlordane

R.T.: 6.325 min
Delta R.T.: -0.002 min
Response: 559947927
Conc: 54.33 ng/ml m



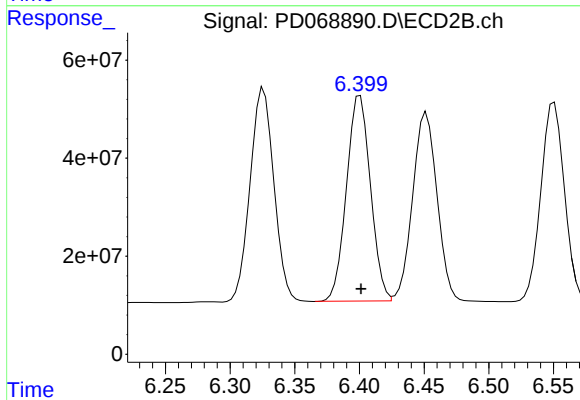
#11 alpha-Chlordane

R.T.: 5.446 min
Delta R.T.: 0.000 min
Response: 76161641
Conc: 50.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143791BS

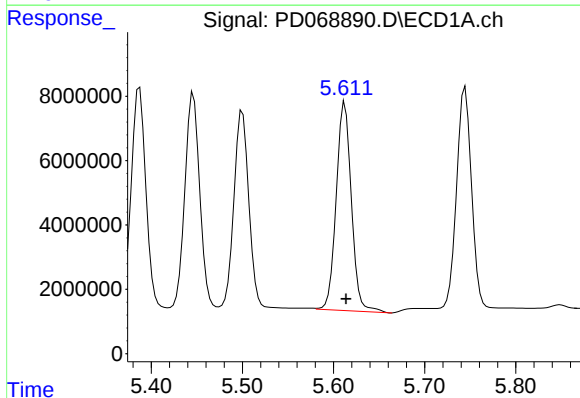
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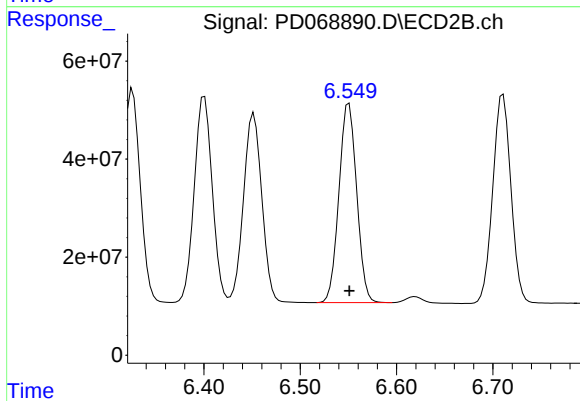
#11 alpha-Chlordane

R.T.: 6.399 min
Delta R.T.: -0.002 min
Response: 541793980
Conc: 54.42 ng/ml m



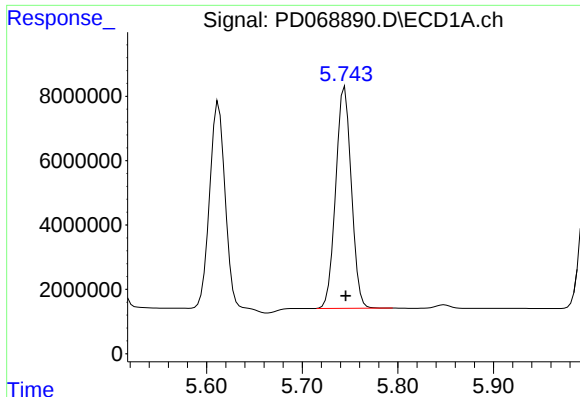
#12 4,4'-DDE

R.T.: 5.612 min
Delta R.T.: -0.001 min
Response: 75002753
Conc: 54.82 ng/ml



#12 4,4'-DDE

R.T.: 6.551 min
Delta R.T.: 0.000 min
Response: 519506890
Conc: 56.06 ng/ml



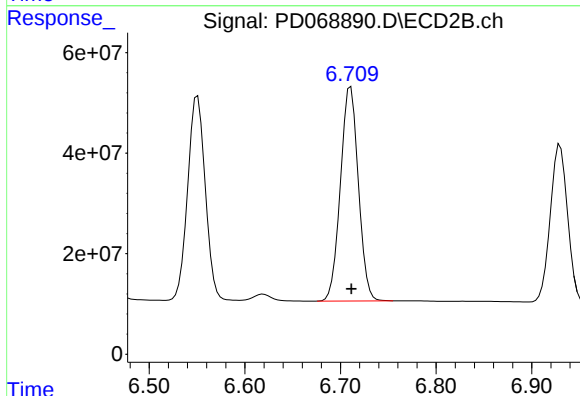
#13 Dieldrin

R.T.: 5.745 min
Delta R.T.: 0.000 min
Response: 78099001
Conc: 53.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143791BS

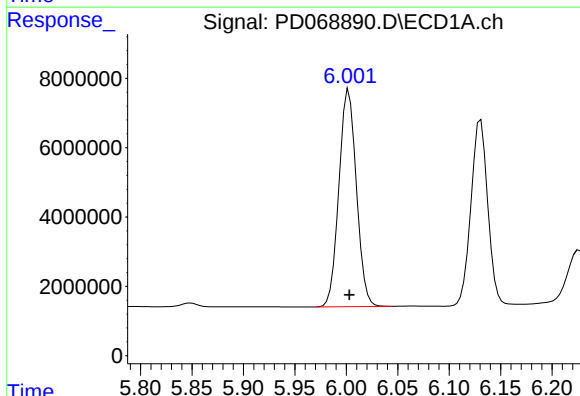
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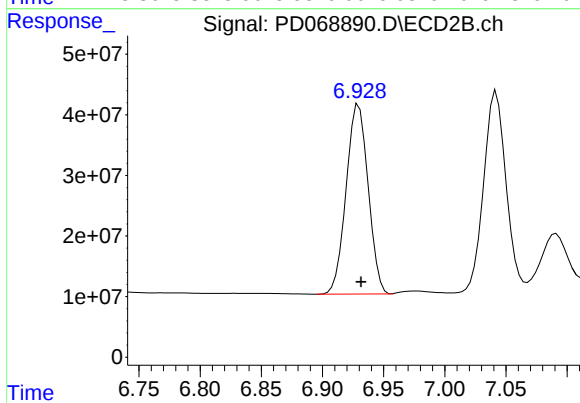
#13 Dieldrin

R.T.: 6.711 min
Delta R.T.: 0.000 min
Response: 556672496
Conc: 57.31 ng/ml



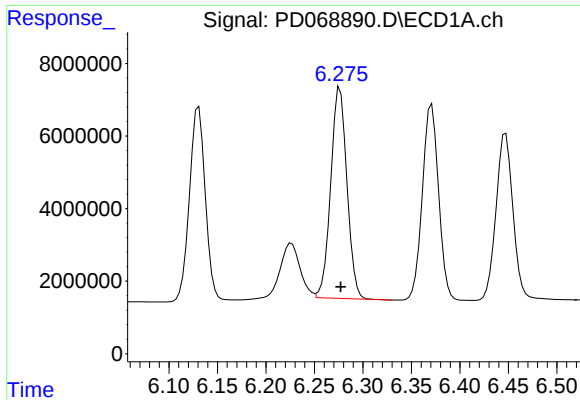
#14 Endrin

R.T.: 6.002 min
Delta R.T.: 0.000 min
Response: 74044501
Conc: 56.21 ng/ml



#14 Endrin

R.T.: 6.930 min
Delta R.T.: -0.002 min
Response: 391762895
Conc: 50.63 ng/ml



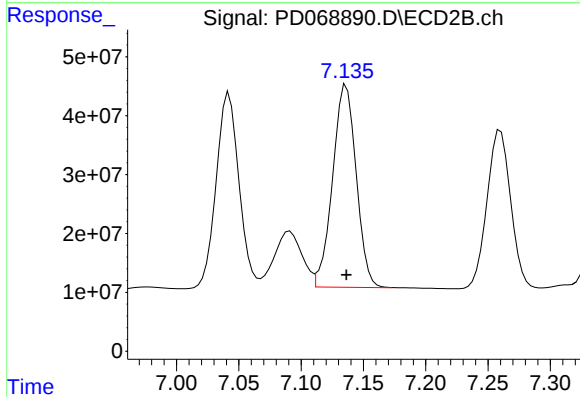
#15 Endosulfan II

R.T.: 6.276 min
Delta R.T.: 0.000 min
Response: 67445982
Conc: 54.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143791BS

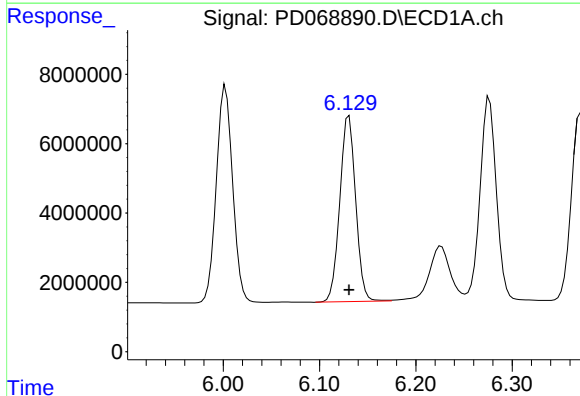
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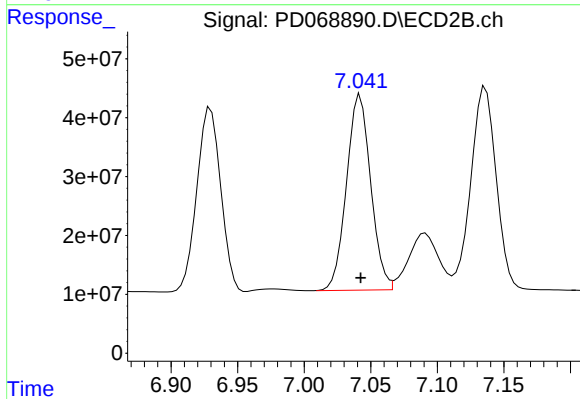
#15 Endosulfan II

R.T.: 7.135 min
Delta R.T.: -0.002 min
Response: 452336781
Conc: 59.84 ng/ml m



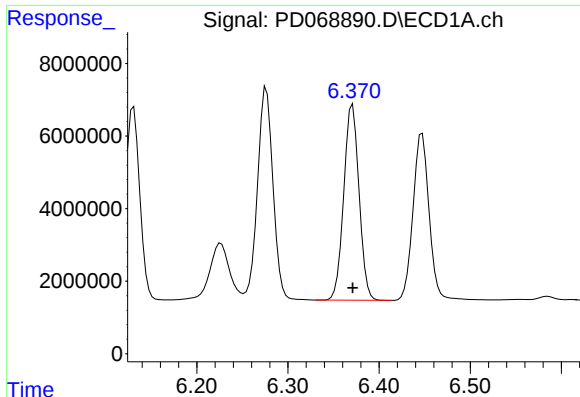
#16 4,4'-DDD

R.T.: 6.131 min
Delta R.T.: 0.000 min
Response: 61245301
Conc: 51.94 ng/ml



#16 4,4'-DDD

R.T.: 7.041 min
Delta R.T.: -0.002 min
Response: 421036376
Conc: 57.01 ng/ml m



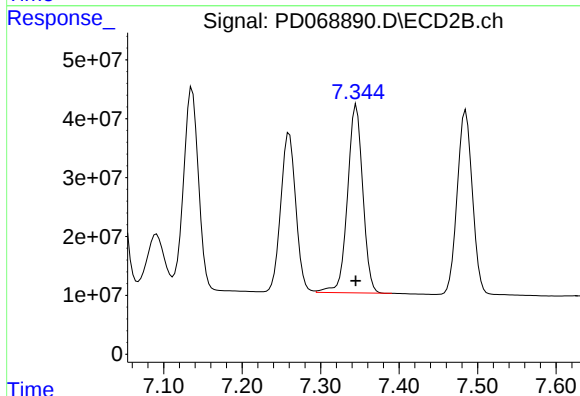
#17 4,4'-DDT

R.T.: 6.371 min
Delta R.T.: 0.000 min
Response: 62810182
Conc: 52.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143791BS

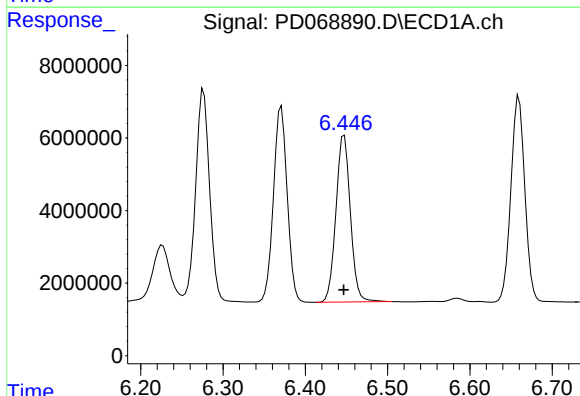
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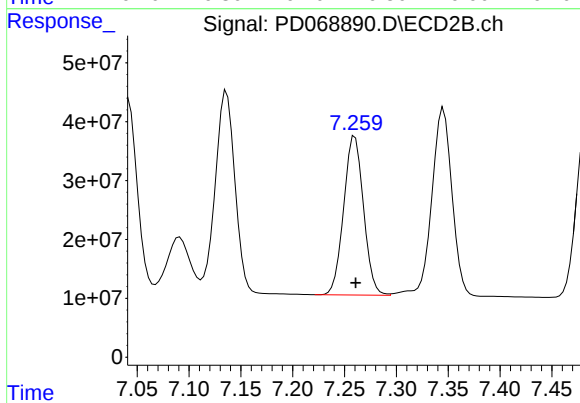
#17 4,4'-DDT

R.T.: 7.346 min
Delta R.T.: 0.000 min
Response: 432342169
Conc: 58.85 ng/ml



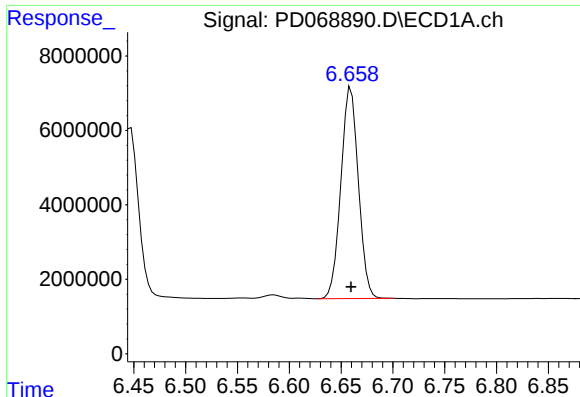
#18 Endrin aldehyde

R.T.: 6.447 min
Delta R.T.: 0.000 min
Response: 56021663
Conc: 56.43 ng/ml



#18 Endrin aldehyde

R.T.: 7.260 min
Delta R.T.: 0.000 min
Response: 359567903
Conc: 59.42 ng/ml



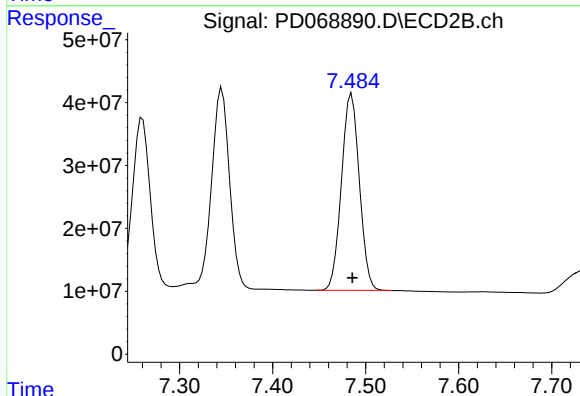
#19 Endosulfan Sulfate

R.T.: 6.660 min
Delta R.T.: 0.000 min
Response: 66694808
Conc: 52.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143791BS

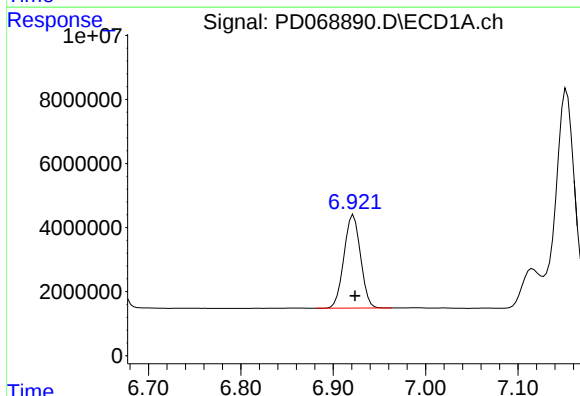
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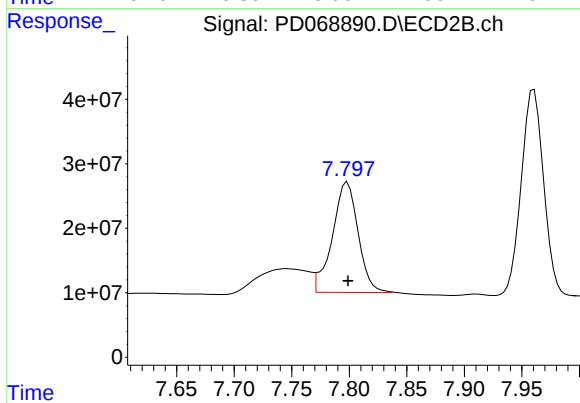
#19 Endosulfan Sulfate

R.T.: 7.485 min
Delta R.T.: 0.000 min
Response: 418537758
Conc: 56.90 ng/ml



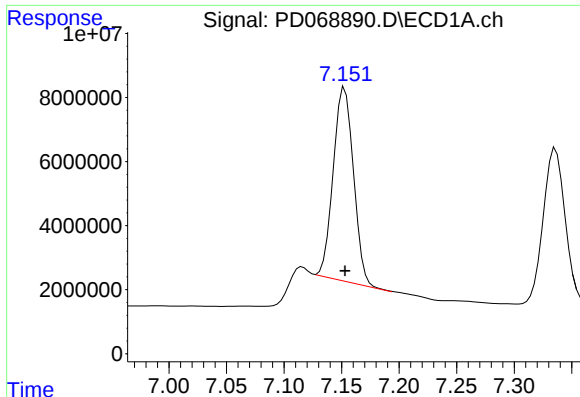
#20 Methoxychlor

R.T.: 6.922 min
Delta R.T.: -0.002 min
Response: 36292184
Conc: 52.37 ng/ml



#20 Methoxychlor

R.T.: 7.797 min
Delta R.T.: -0.002 min
Response: 265439892
Conc: 72.82 ng/ml m



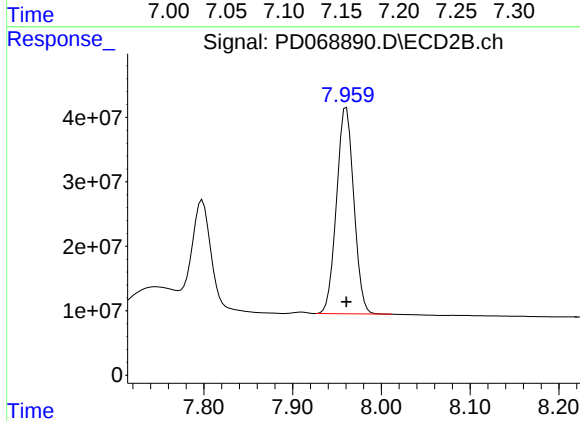
#21 Endrin ketone

R.T.: 7.151 min
Delta R.T.: -0.002 min
Response: 74113927
Conc: 50.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143791BS

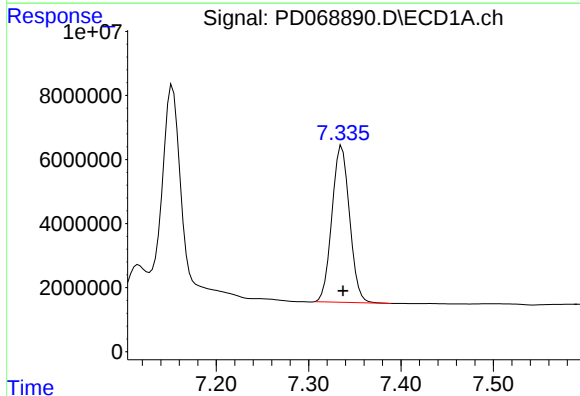
Manual Integrations
APPROVED

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



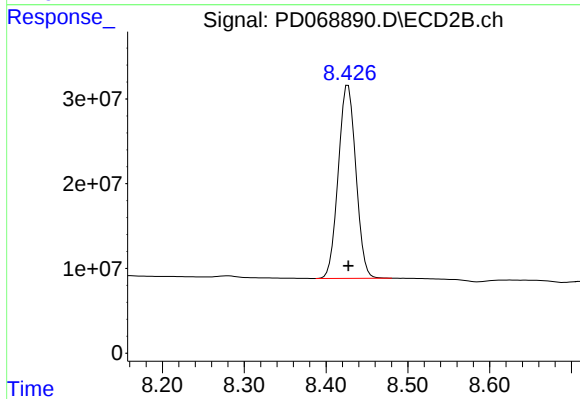
#21 Endrin ketone

R.T.: 7.961 min
Delta R.T.: 0.000 min
Response: 433880542
Conc: 55.99 ng/ml



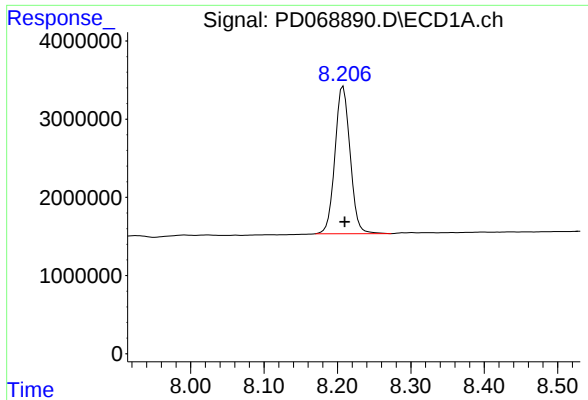
#22 Mirex

R.T.: 7.336 min
Delta R.T.: -0.002 min
Response: 64776716
Conc: 54.66 ng/ml



#22 Mirex

R.T.: 8.427 min
Delta R.T.: 0.000 min
Response: 339745326
Conc: 61.98 ng/ml



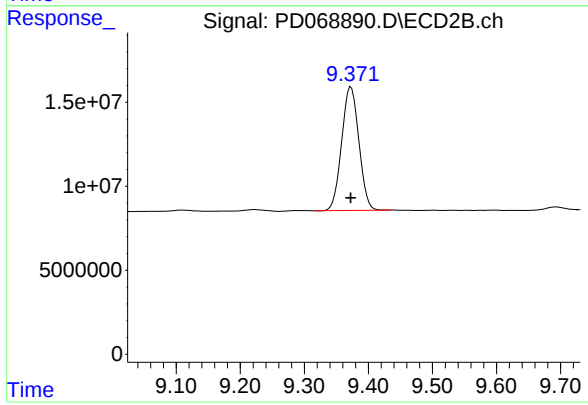
#28 Decachlorobiphenyl

R.T.: 8.208 min
Delta R.T.: -0.002 min
Response: 27058778
Conc: 21.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143791BS

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 9.373 min
Delta R.T.: 0.000 min
Response: 137231661
Conc: 24.22 ng/ml