

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD040122\
 Data File : PD068855.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Mar 2022 16:34
 Operator : AR\AJ
 Sample : N2171-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSE-COMP-01MSD

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 02:48:05 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	4.172	23680612	209.9E6	19.503	21.951
28)	SA Decachlor...	8.204	9.368	24105470	123.7E6	19.080	21.830
Target Compounds							
2)	A alpha-BHC	3.886	4.568	94260055	739.1E6	52.061	53.705
3)	MA gamma-BHC...	4.170	4.859	86355142	669.6E6	51.717	53.551
4)	MA Heptachlor	4.467	5.386	78133764	627.9E6	47.426	52.831
5)	MB Aldrin	4.715	5.699	84709180	642.2E6	53.005	55.948
6)	B beta-BHC	4.420	5.022	36990655	285.0E6	49.681	51.915
7)	B delta-BHC	4.624	5.247	87001196	666.2E6	53.237	55.398
8)	B Heptachlo...	5.159	6.087	76328901	557.1E6	51.039	53.345
9)	A Endosulfan I	5.497	6.450	71165027	505.1E6	50.859	53.861
10)	B gamma-Chl...	5.385	6.323	78397026	556.9E6	51.681	54.026
11)	B alpha-Chl...	5.444	6.399	77093109	541.1E6	51.579	54.347
12)	B 4,4'-DDE	5.610	6.548	72202106	513.5E6	52.777	55.413
13)	MA Dieldrin	5.742	6.708	78201030	547.2E6	53.557	56.340
14)	MA Endrin	6.000	6.928	69685620	442.7E6	52.900	57.219
15)	B Endosulfa...	6.273	7.133	69494730	446.0E6	55.758	59.005
16)	A 4,4'-DDD	6.127	7.039	62727459	421.0E6	53.193	57.010
17)	MA 4,4'-DDT	6.367	7.342	57993306	376.6E6	48.249	51.259
18)	B Endrin al...	6.443	7.257	55730234	353.9E6	56.137	58.478
19)	B Endosulfa...	6.656	7.481	67670736	414.7E6	52.916	56.388
20)	A Methoxychlor	6.918	7.795	33193001	196.7E6	47.896	53.963
21)	B Endrin ke...	7.149	7.957	78963884	424.7E6	53.638	54.813
22)	Mirex	7.331	8.423	59918607	303.4E6	50.557m	55.353

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD040122\
 Data File : PD068855.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Mar 2022 16:34
 Operator : AR\AJ
 Sample : N2171-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

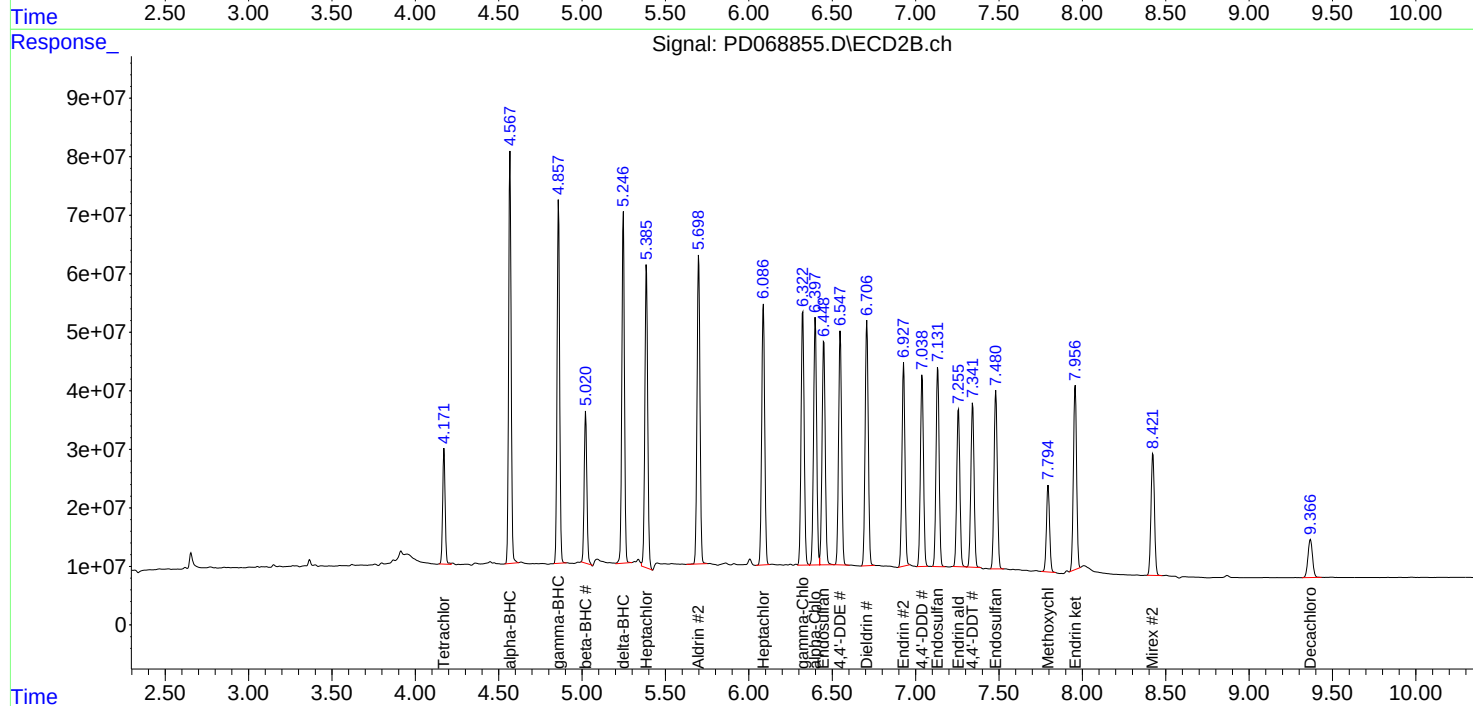
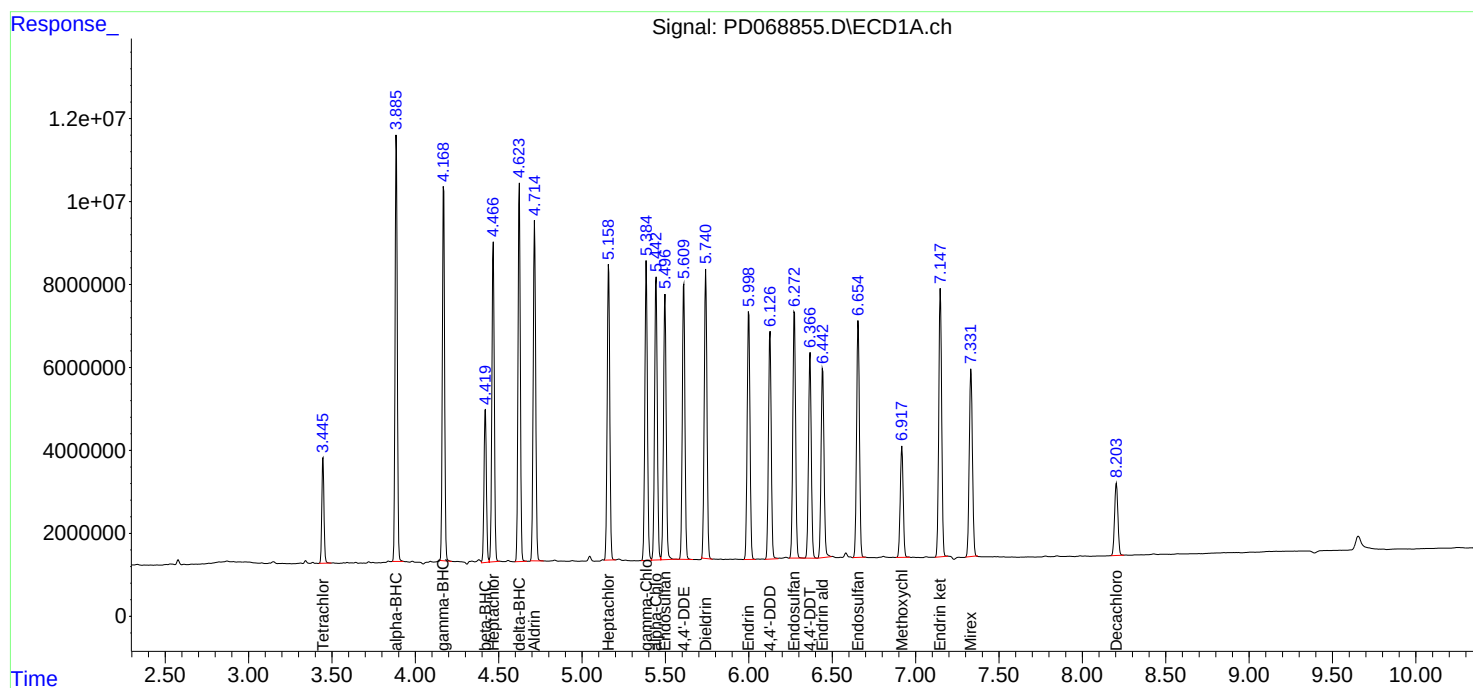
Instrument :
 ECD_D
 ClientSampleId :
 PSE-COMP-01MSD

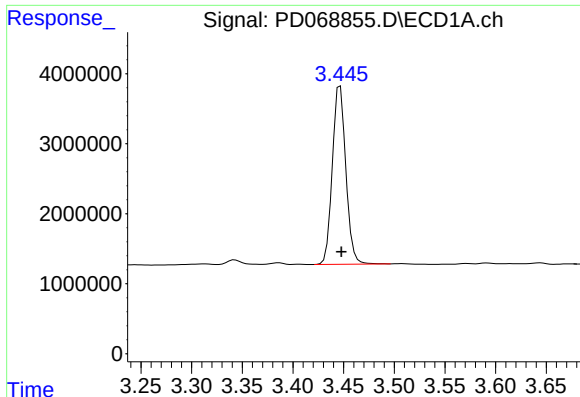
Manual Integrations
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Reviewed By :Abdul Mirza 03/31/2022
 Supervised By :mohammad ahmed 04/01/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 31 02:48:05 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





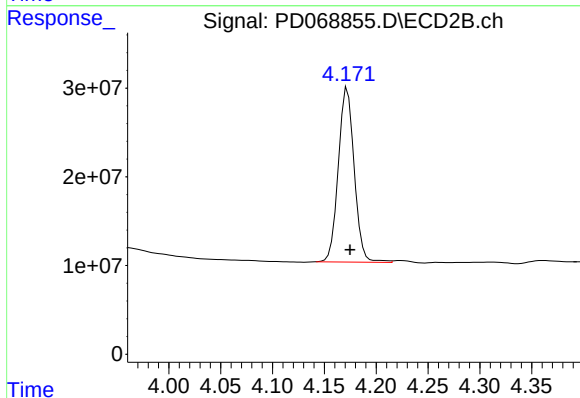
#1 Tetrachloro-m-xylene

R.T.: 3.447 min
Delta R.T.: -0.001 min
Response: 23680612
Conc: 19.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSE-COMP-01MSD

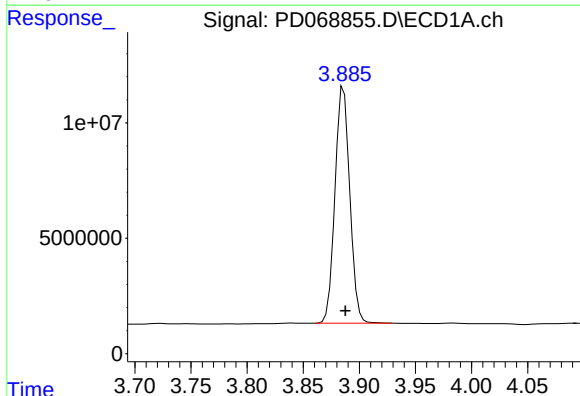
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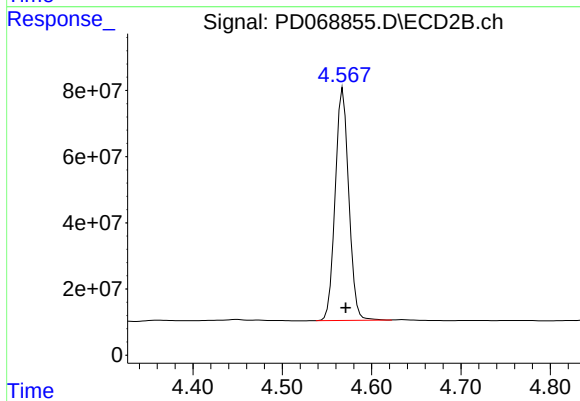
#1 Tetrachloro-m-xylene

R.T.: 4.172 min
Delta R.T.: -0.002 min
Response: 209867390
Conc: 21.95 ng/ml



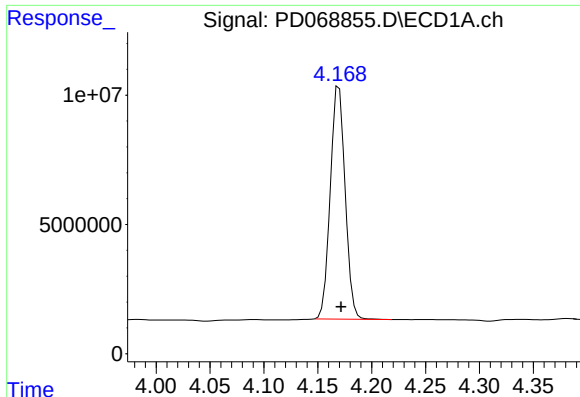
#2 alpha-BHC

R.T.: 3.886 min
Delta R.T.: -0.002 min
Response: 94260055
Conc: 52.06 ng/ml



#2 alpha-BHC

R.T.: 4.568 min
Delta R.T.: -0.003 min
Response: 739132805
Conc: 53.70 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.170 min
Delta R.T.: -0.002 min
Response: 86355142
Conc: 51.72 ng/ml

Instrument :

ECD_D

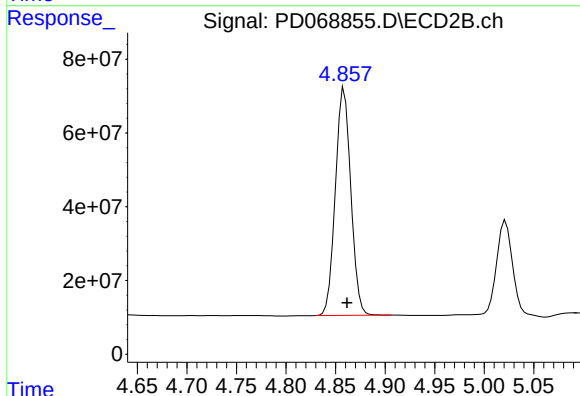
ClientSampleId :

PSE-COMP-01MSD

Manual Integrations

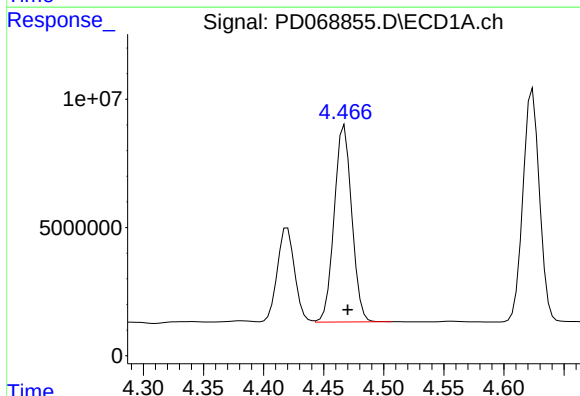
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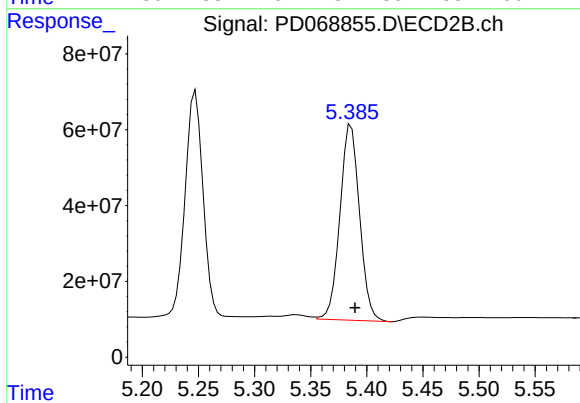
#3 gamma-BHC (Lindane)

R.T.: 4.859 min
Delta R.T.: -0.003 min
Response: 669560194
Conc: 53.55 ng/ml



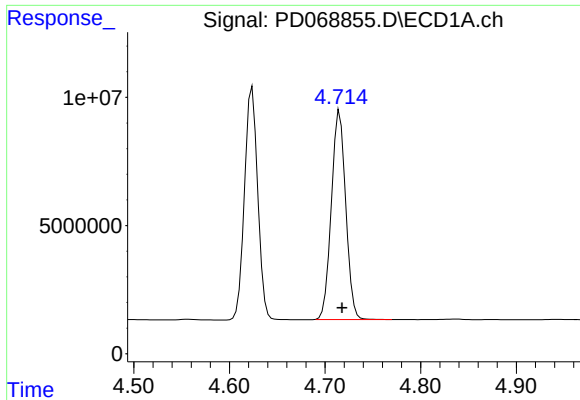
#4 Heptachlor

R.T.: 4.467 min
Delta R.T.: -0.003 min
Response: 78133764
Conc: 47.43 ng/ml



#4 Heptachlor

R.T.: 5.386 min
Delta R.T.: -0.003 min
Response: 627860714
Conc: 52.83 ng/ml



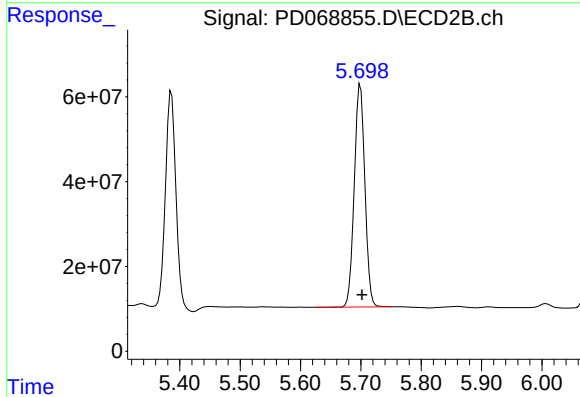
#5 Aldrin

R.T.: 4.715 min
Delta R.T.: -0.003 min
Response: 84709180
Conc: 53.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSE-COMP-01MSD

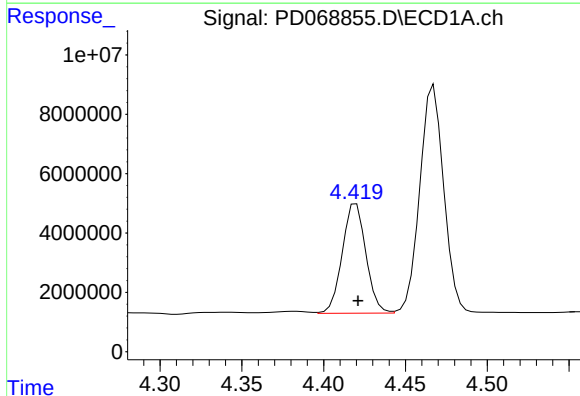
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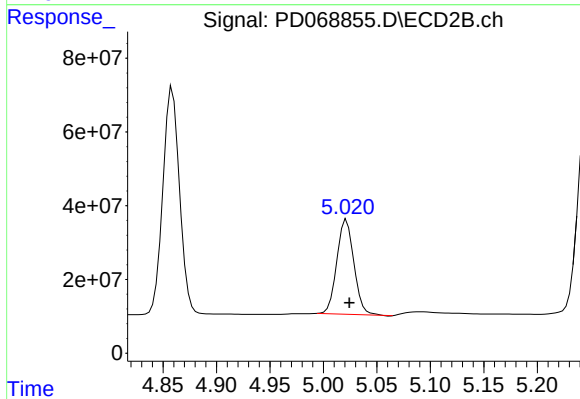
#5 Aldrin

R.T.: 5.699 min
Delta R.T.: -0.003 min
Response: 642215619
Conc: 55.95 ng/ml



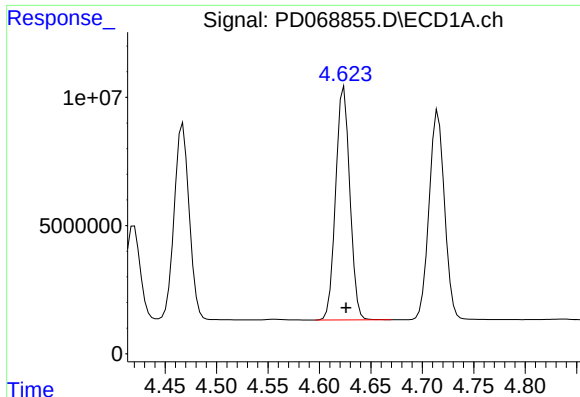
#6 beta-BHC

R.T.: 4.420 min
Delta R.T.: -0.001 min
Response: 36990655
Conc: 49.68 ng/ml



#6 beta-BHC

R.T.: 5.022 min
Delta R.T.: -0.003 min
Response: 285009478
Conc: 51.92 ng/ml



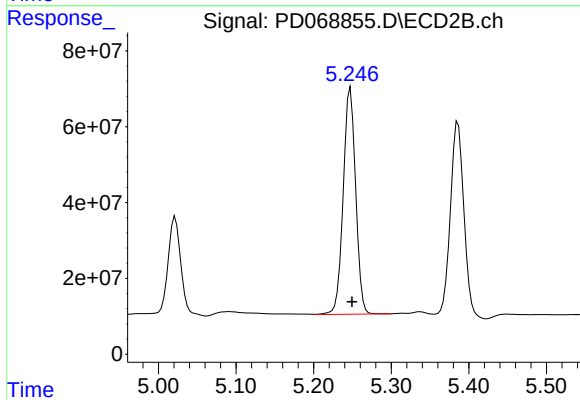
#7 delta-BHC

R.T.: 4.624 min
Delta R.T.: -0.002 min
Response: 87001196
Conc: 53.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSE-COMP-01MSD

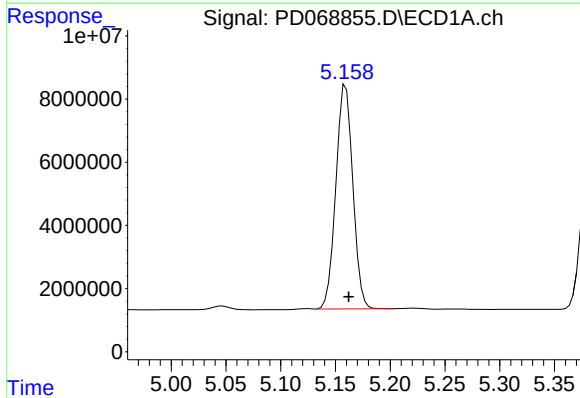
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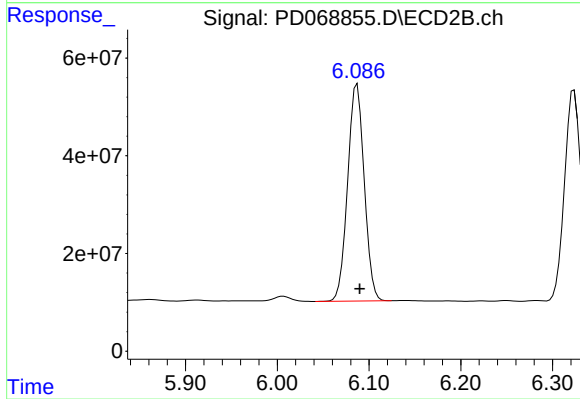
#7 delta-BHC

R.T.: 5.247 min
Delta R.T.: -0.002 min
Response: 666202331
Conc: 55.40 ng/ml



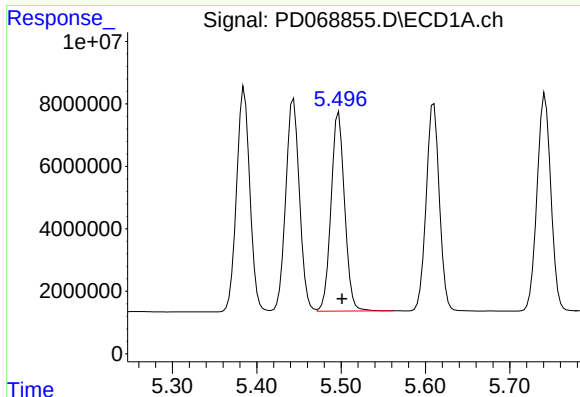
#8 Heptachlor epoxide

R.T.: 5.159 min
Delta R.T.: -0.003 min
Response: 76328901
Conc: 51.04 ng/ml



#8 Heptachlor epoxide

R.T.: 6.087 min
Delta R.T.: -0.003 min
Response: 557071112
Conc: 53.35 ng/ml



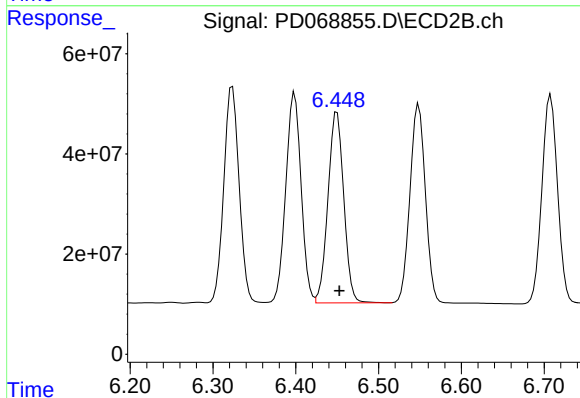
#9 Endosulfan I

R.T.: 5.497 min
Delta R.T.: -0.004 min
Response: 71165027
Conc: 50.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSE-COMP-01MSD

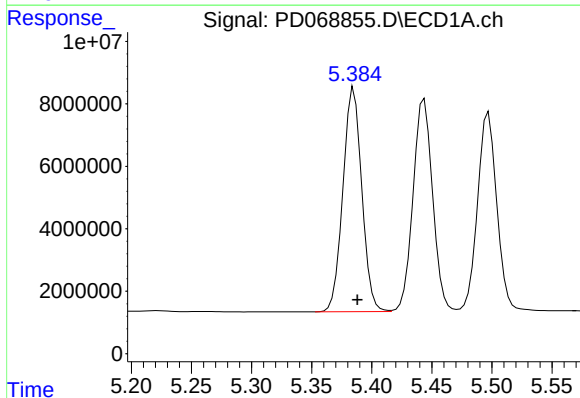
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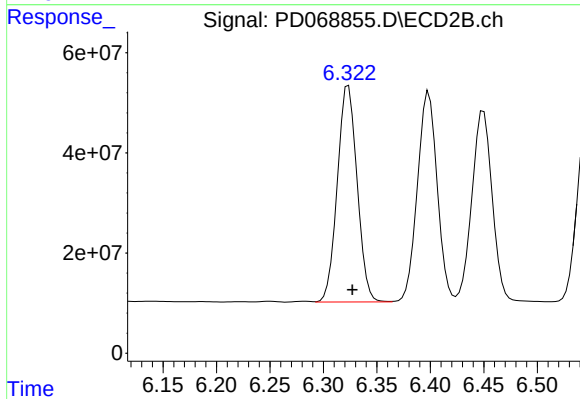
#9 Endosulfan I

R.T.: 6.450 min
Delta R.T.: -0.003 min
Response: 505122039
Conc: 53.86 ng/ml



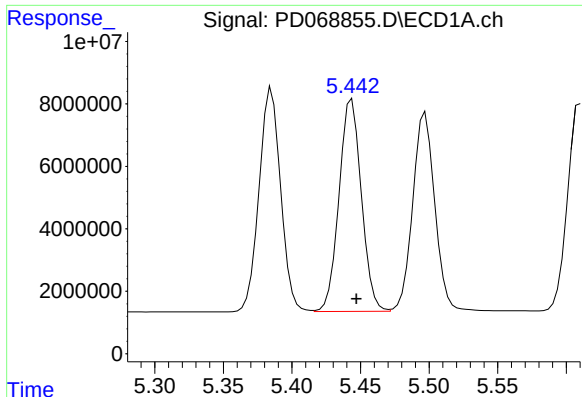
#10 gamma-Chlordane

R.T.: 5.385 min
Delta R.T.: -0.003 min
Response: 78397026
Conc: 51.68 ng/ml



#10 gamma-Chlordane

R.T.: 6.323 min
Delta R.T.: -0.004 min
Response: 556852193
Conc: 54.03 ng/ml



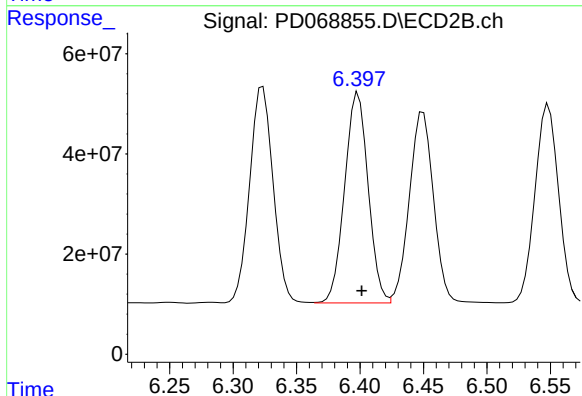
#11 alpha-Chlordane

R.T.: 5.444 min
Delta R.T.: -0.003 min
Response: 77093109
Conc: 51.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSE-COMP-01MSD

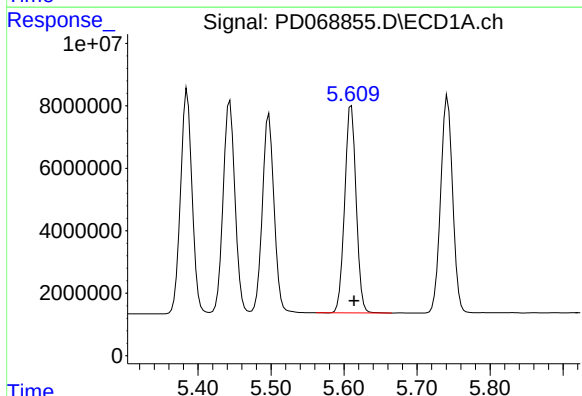
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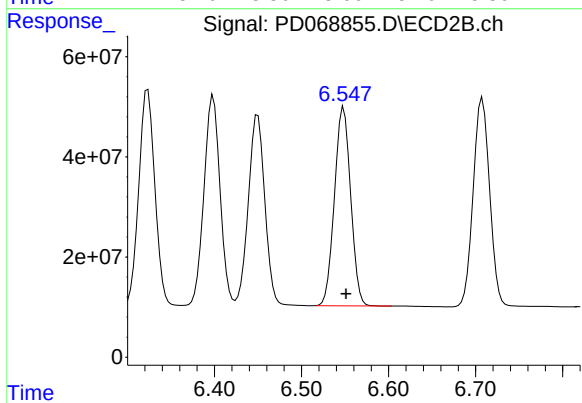
#11 alpha-Chlordane

R.T.: 6.399 min
Delta R.T.: -0.003 min
Response: 541092642
Conc: 54.35 ng/ml



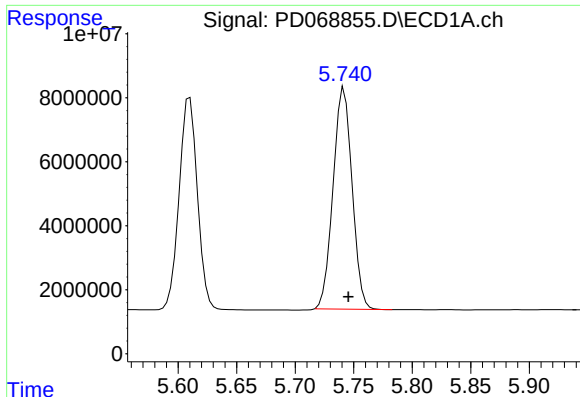
#12 4,4'-DDE

R.T.: 5.610 min
Delta R.T.: -0.004 min
Response: 72202106
Conc: 52.78 ng/ml



#12 4,4'-DDE

R.T.: 6.548 min
Delta R.T.: -0.003 min
Response: 513506588
Conc: 55.41 ng/ml



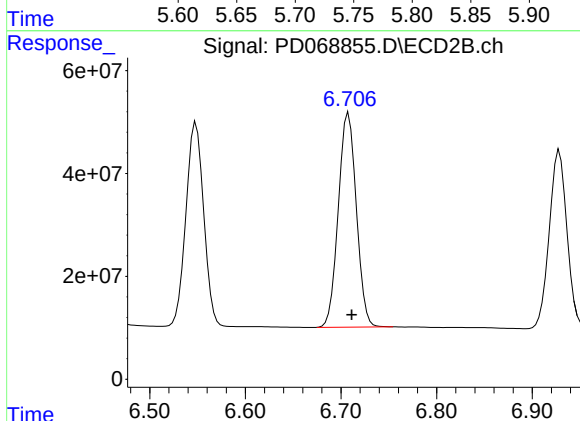
#13 Dieldrin

R.T.: 5.742 min
Delta R.T.: -0.004 min
Response: 78201030
Conc: 53.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSE-COMP-01MSD

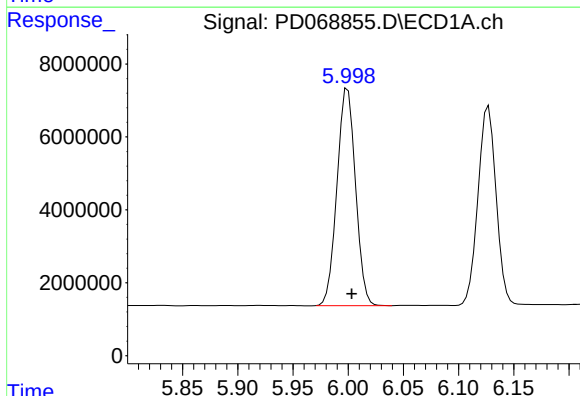
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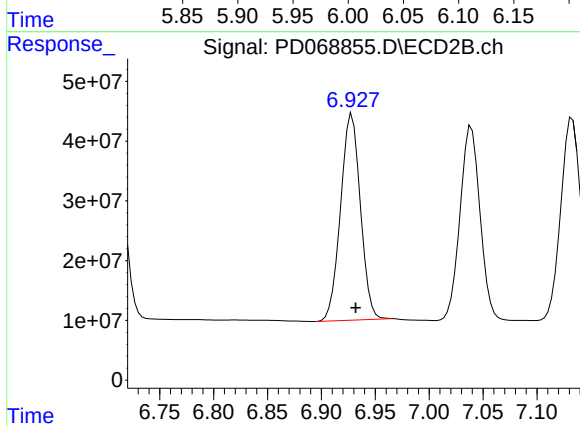
#13 Dieldrin

R.T.: 6.708 min
Delta R.T.: -0.003 min
Response: 547228732
Conc: 56.34 ng/ml



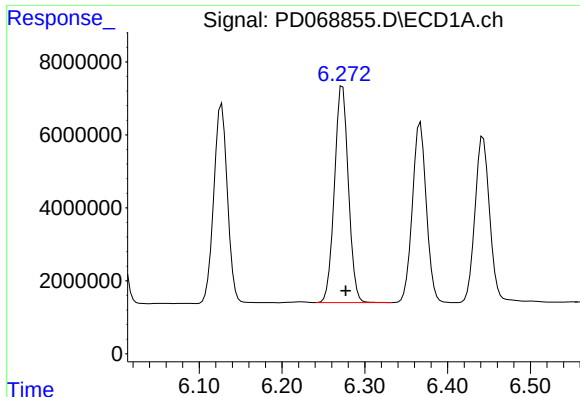
#14 Endrin

R.T.: 6.000 min
Delta R.T.: -0.003 min
Response: 69685620
Conc: 52.90 ng/ml



#14 Endrin

R.T.: 6.928 min
Delta R.T.: -0.003 min
Response: 442735537
Conc: 57.22 ng/ml



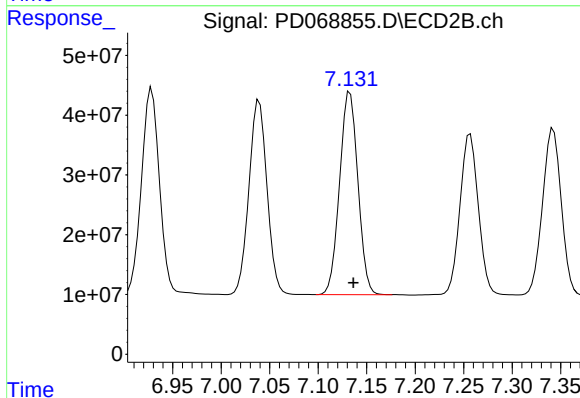
#15 Endosulfan II

R.T.: 6.273 min
Delta R.T.: -0.004 min
Response: 69494730
Conc: 55.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSE-COMP-01MSD

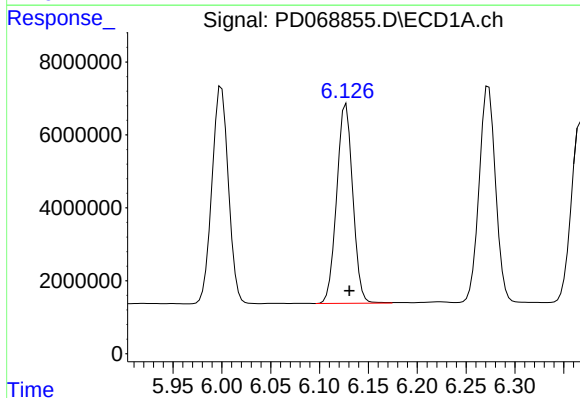
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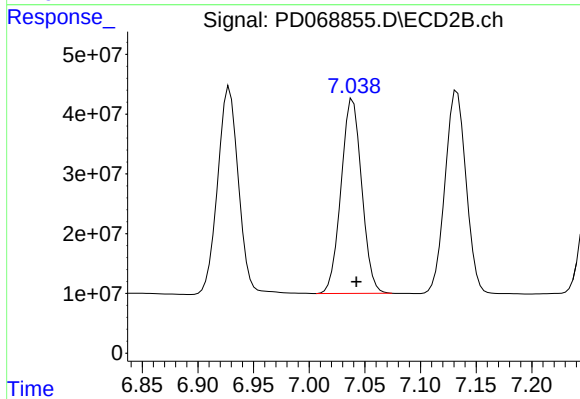
#15 Endosulfan II

R.T.: 7.133 min
Delta R.T.: -0.004 min
Response: 445996403
Conc: 59.01 ng/ml



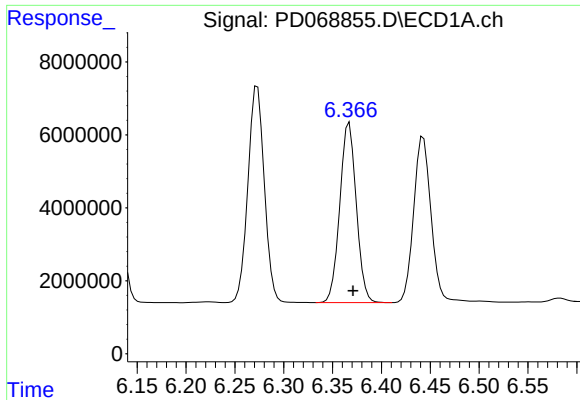
#16 4,4'-DDD

R.T.: 6.127 min
Delta R.T.: -0.004 min
Response: 62727459
Conc: 53.19 ng/ml



#16 4,4'-DDD

R.T.: 7.039 min
Delta R.T.: -0.003 min
Response: 421037126
Conc: 57.01 ng/ml



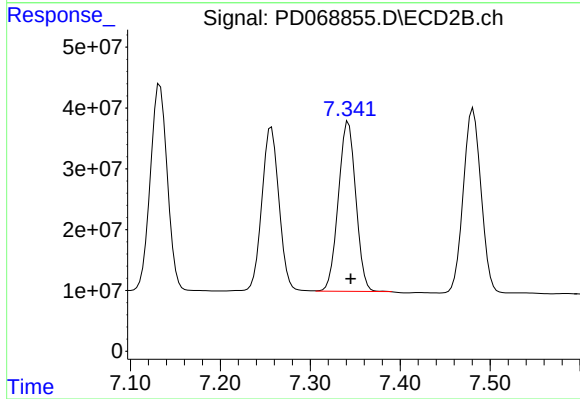
#17 4,4'-DDT

R.T.: 6.367 min
Delta R.T.: -0.004 min
Response: 57993306
Conc: 48.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSE-COMP-01MSD

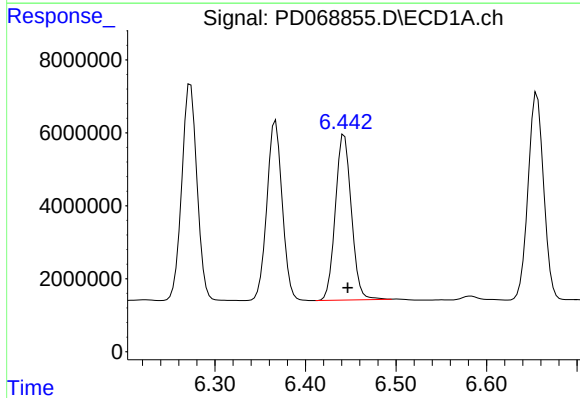
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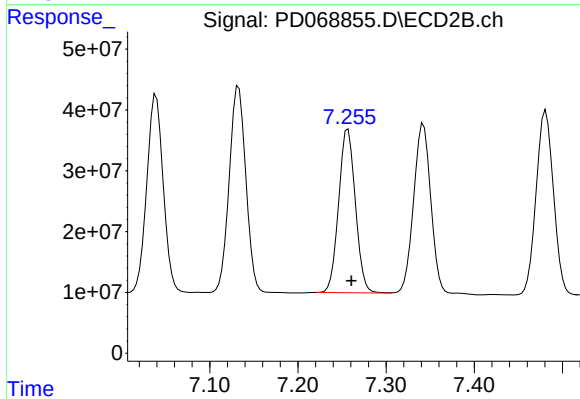
#17 4,4'-DDT

R.T.: 7.342 min
Delta R.T.: -0.002 min
Response: 376591340
Conc: 51.26 ng/ml



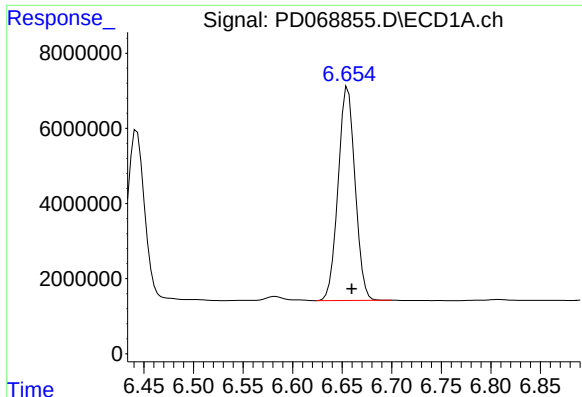
#18 Endrin aldehyde

R.T.: 6.443 min
Delta R.T.: -0.004 min
Response: 55730234
Conc: 56.14 ng/ml



#18 Endrin aldehyde

R.T.: 7.257 min
Delta R.T.: -0.004 min
Response: 353897852
Conc: 58.48 ng/ml



#19 Endosulfan Sulfate

R.T.: 6.656 min
Delta R.T.: -0.004 min
Response: 67670736
Conc: 52.92 ng/ml

Instrument :

ECD_D

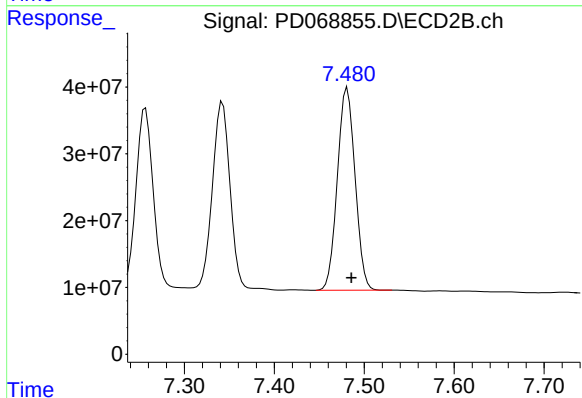
ClientSampleId :

PSE-COMP-01MSD

Manual Integrations

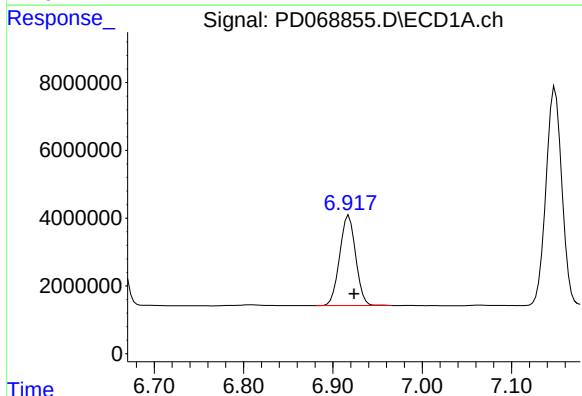
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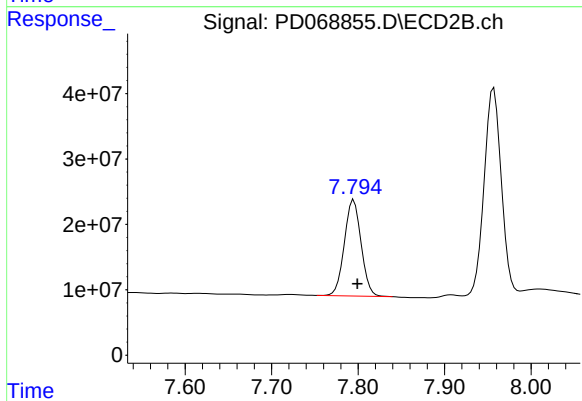
#19 Endosulfan Sulfate

R.T.: 7.481 min
Delta R.T.: -0.004 min
Response: 414740775
Conc: 56.39 ng/ml



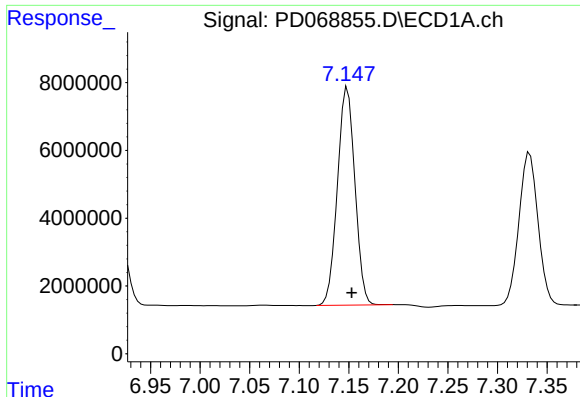
#20 Methoxychlor

R.T.: 6.918 min
Delta R.T.: -0.006 min
Response: 33193001
Conc: 47.90 ng/ml



#20 Methoxychlor

R.T.: 7.795 min
Delta R.T.: -0.004 min
Response: 196709069
Conc: 53.96 ng/ml



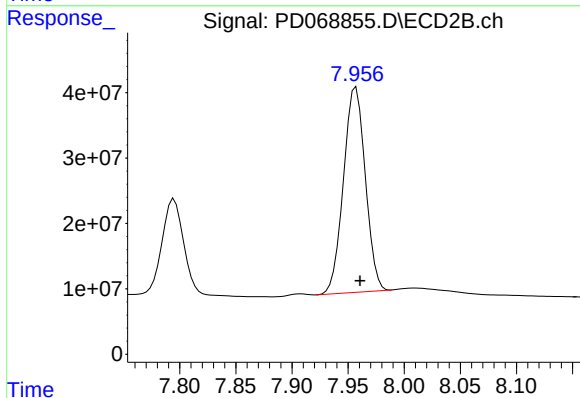
#21 Endrin ketone

R.T.: 7.149 min
Delta R.T.: -0.004 min
Response: 78963884
Conc: 53.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSE-COMP-01MSD

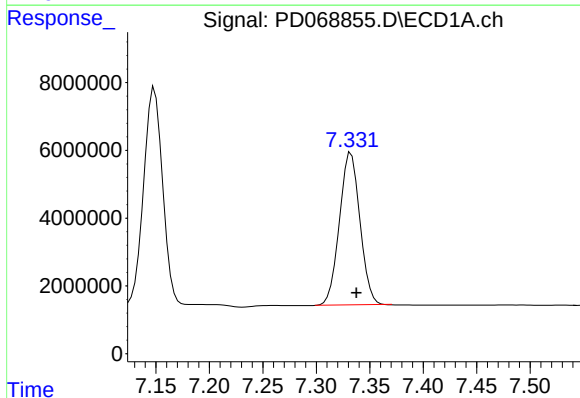
Manual Integrations
APPROVED

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



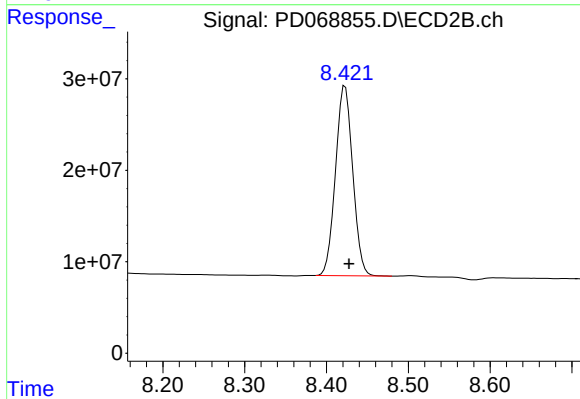
#21 Endrin ketone

R.T.: 7.957 min
Delta R.T.: -0.004 min
Response: 424727856
Conc: 54.81 ng/ml



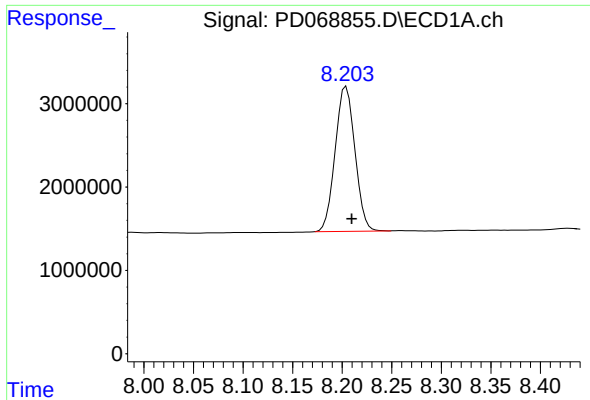
#22 Mirex

R.T.: 7.331 min
Delta R.T.: -0.006 min
Response: 59918607
Conc: 50.56 ng/ml m



#22 Mirex

R.T.: 8.423 min
Delta R.T.: -0.004 min
Response: 303407649
Conc: 55.35 ng/ml



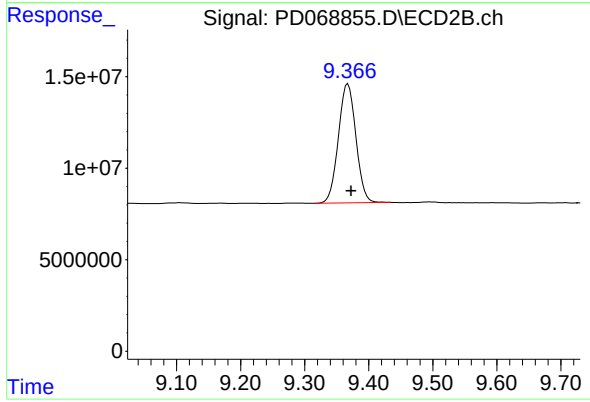
#28 Decachlorobiphenyl

R.T.: 8.204 min
Delta R.T.: -0.006 min
Response: 24105470
Conc: 19.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSE-COMP-01MSD

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#28 Decachlorobiphenyl

R.T.: 9.368 min
Delta R.T.: -0.005 min
Response: 123702921
Conc: 21.83 ng/ml