

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031922\
 Data File : PD068700.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Mar 2022 19:23
 Operator : AR\AJ
 Sample : PB143432BSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB143432BSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/21/2022
 Supervised By :mohammad ahmed 03/21/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 19 00:52:40 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

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.448	4.175	19258948	160.1E6	15.862	16.749
28)	SA Decachlor...	8.207	9.372	20426083	93709551	16.168	16.537
Target Compounds							
2)	A alpha-BHC	3.887	4.571	17985453	151.0E6	9.934	10.974
3)	MA gamma-BHC...	4.171	4.862	16837589	139.6E6	10.084	11.163
4)	MA Heptachlor	4.469	5.389	17435412	138.8E6	10.583	11.677
5)	MB Aldrin	4.717	5.702	16692992	132.7E6	10.445	11.563
6)	B beta-BHC	4.421	5.025	8580694	64435870	11.525	11.737
7)	B delta-BHC	4.625	5.251	16723345	133.2E6	10.233	11.075
8)	B Heptachlo...	5.161	6.088	16136337	137.6E6	10.790	13.178m
9)	A Endosulfan I	5.500	6.452	15278328	108.4E6	10.919	11.558m
10)	B gamma-Chl...	5.387	6.326	16354372	118.6E6	10.781	11.508m
11)	B alpha-Chl...	5.446	6.401	16279663	119.1E6	10.892	11.965m
12)	B 4,4'-DDE	5.610	6.552	14541333	104.2E6	10.629m	11.248
13)	MA Dieldrin	5.744	6.711	15397899	109.9E6	10.546	11.315
14)	MA Endrin	6.002	6.930	15298805	69194139	11.614	8.943
15)	B Endosulfa...	6.275	7.137	13706383	86615698	10.997	11.459
16)	A 4,4'-DDD	6.129	7.042	12863520	86495717	10.908	11.712
17)	MA 4,4'-DDT	6.370	7.345	11751672	81457351	9.777	11.088
18)	B Endrin al...	6.446	7.261	10947488	67715034	11.027	11.189
19)	B Endosulfa...	6.658	7.485	14346610	85360169	11.219	11.606
20)	A Methoxychlor	6.920	7.797	7456332	37654109	10.759	10.330m
21)	B Endrin ke...	7.150	7.961	15042356	88919224	10.218m	11.475
22)	Mirex	7.335	8.427	13378007	64246127	11.288	11.721

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031922\
Data File : PD068700.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Mar 2022 19:23
Operator : AR\AJ
Sample : PB143432BSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

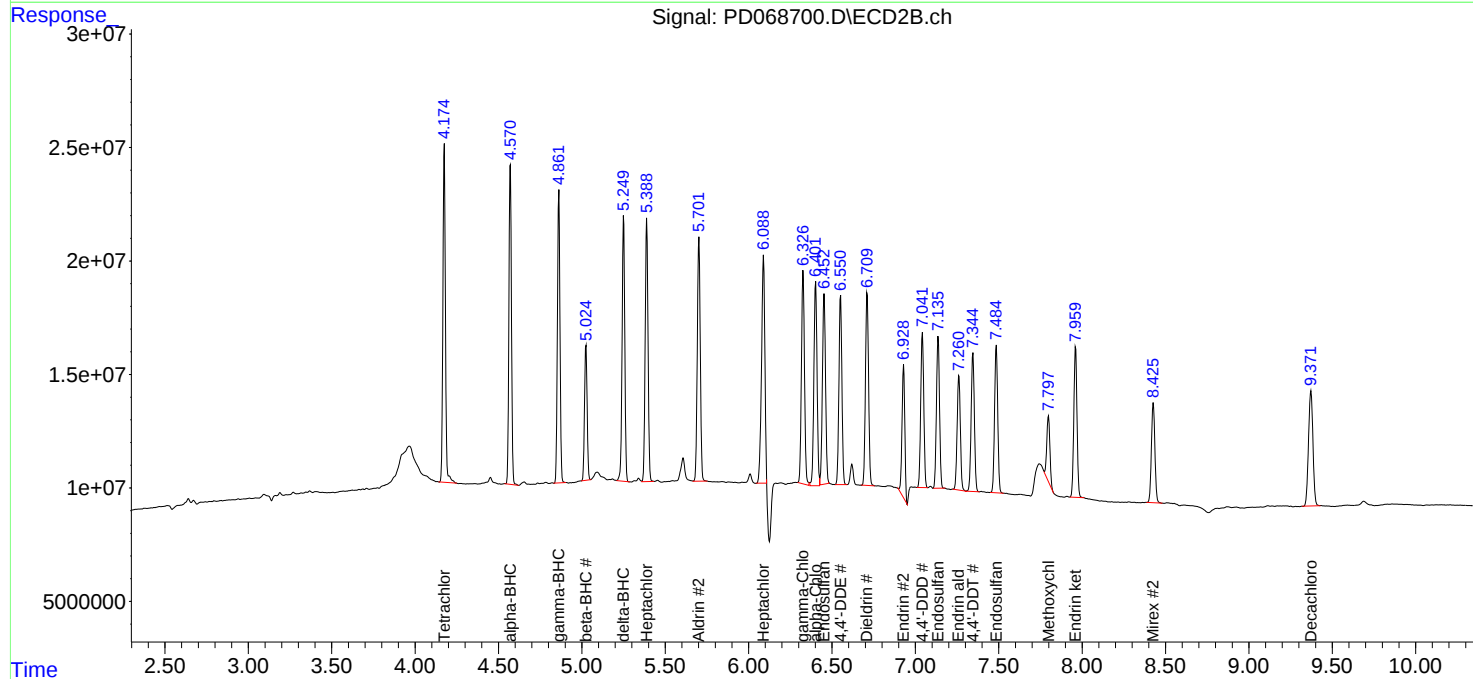
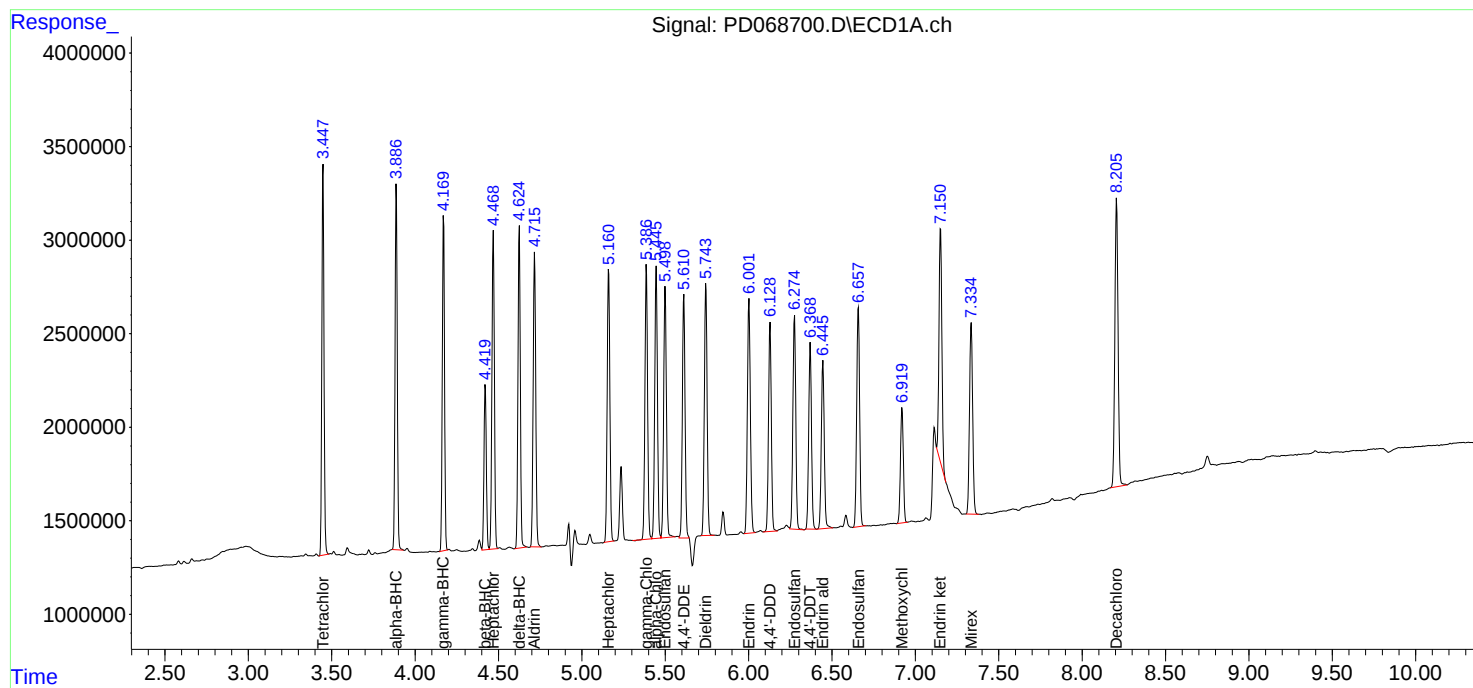
Instrument :
ECD_D
ClientSampleId :
PB143432BSD

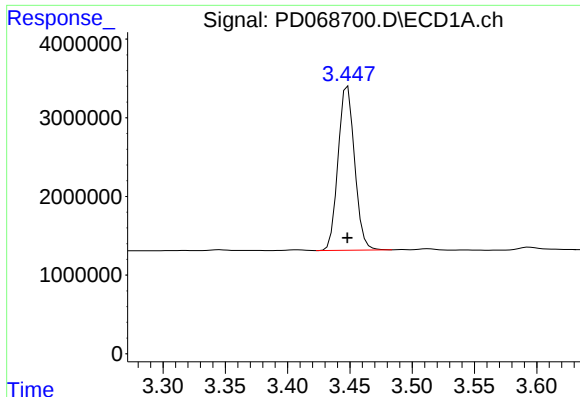
Manual Integrations
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Supervised By :mohammad ahmed 03/21/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 19 00:52:40 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





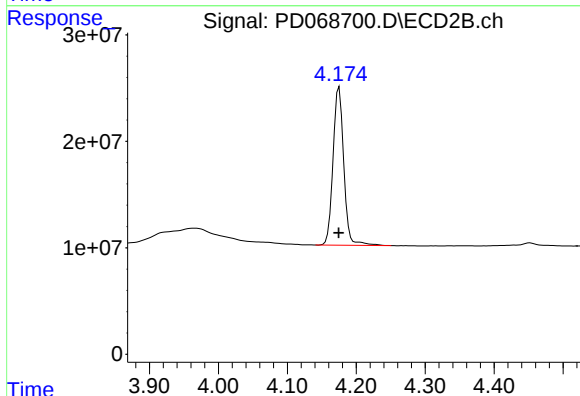
#1 Tetrachloro-m-xylene

R.T.: 3.448 min
Delta R.T.: 0.000 min
Response: 19258948
Conc: 15.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143432BSD

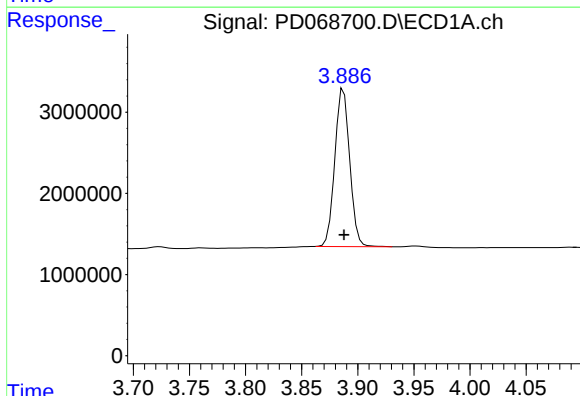
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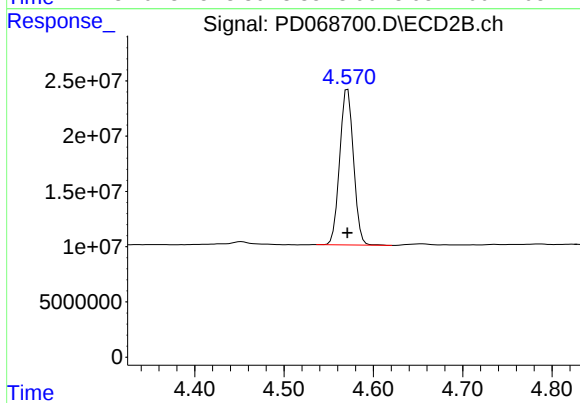
#1 Tetrachloro-m-xylene

R.T.: 4.175 min
Delta R.T.: 0.000 min
Response: 160136514
Conc: 16.75 ng/ml



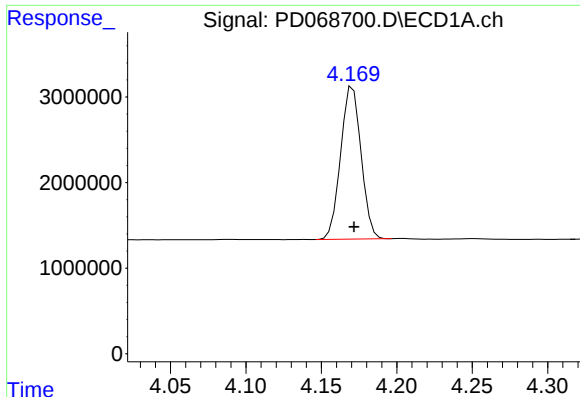
#2 alpha-BHC

R.T.: 3.887 min
Delta R.T.: 0.000 min
Response: 17985453
Conc: 9.93 ng/ml



#2 alpha-BHC

R.T.: 4.571 min
Delta R.T.: 0.000 min
Response: 151029528
Conc: 10.97 ng/ml



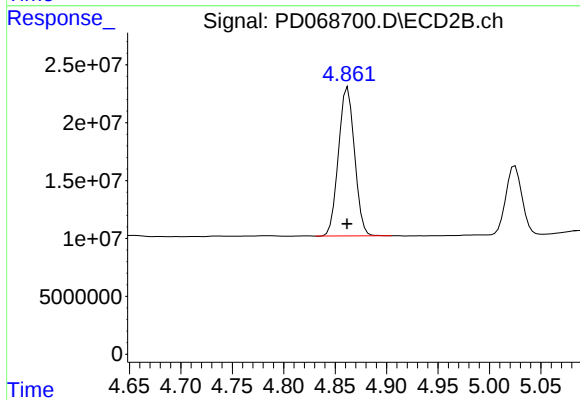
#3 gamma-BHC (Lindane)

R.T.: 4.171 min
Delta R.T.: 0.000 min
Response: 16837589
Conc: 10.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143432BSD

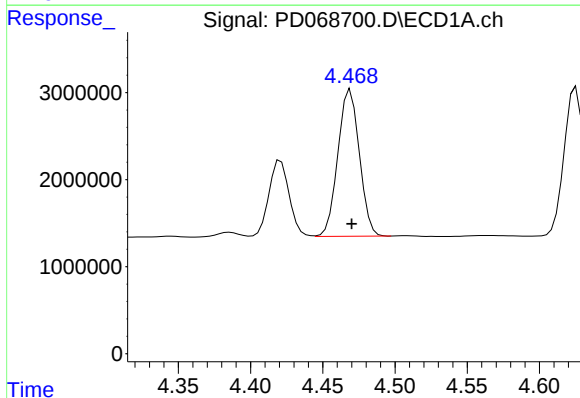
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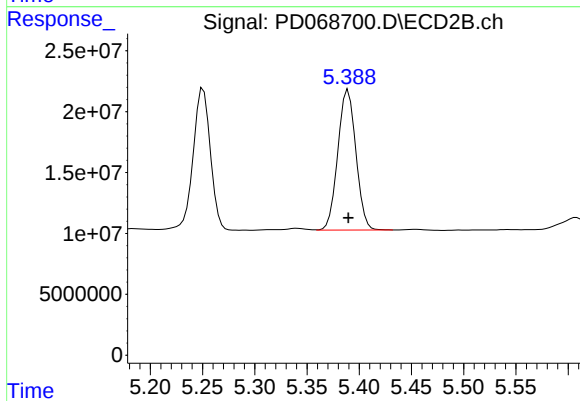
#3 gamma-BHC (Lindane)

R.T.: 4.862 min
Delta R.T.: 0.000 min
Response: 139573768
Conc: 11.16 ng/ml



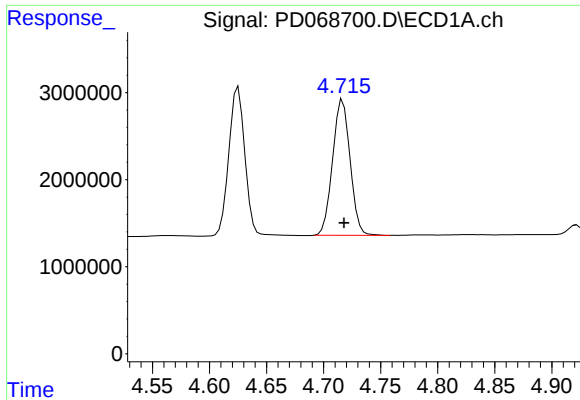
#4 Heptachlor

R.T.: 4.469 min
Delta R.T.: 0.000 min
Response: 17435412
Conc: 10.58 ng/ml



#4 Heptachlor

R.T.: 5.389 min
Delta R.T.: 0.000 min
Response: 138774321
Conc: 11.68 ng/ml



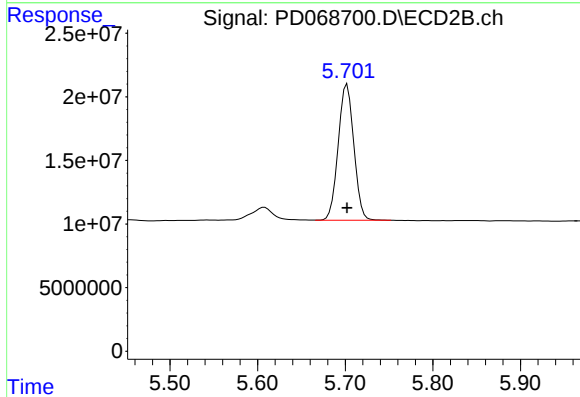
#5 Aldrin

R.T.: 4.717 min
Delta R.T.: -0.001 min
Response: 16692992
Conc: 10.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143432BSD

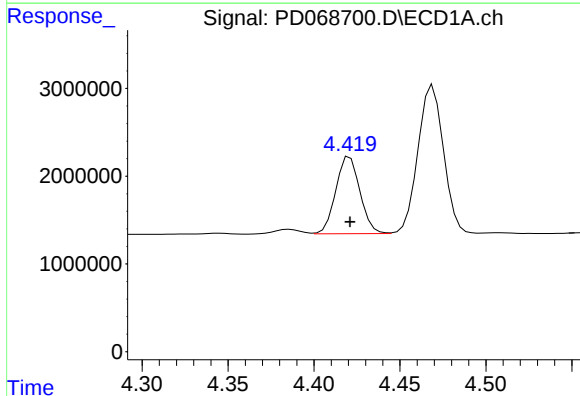
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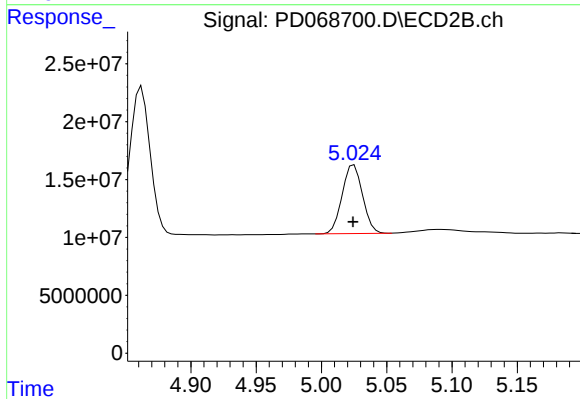
#5 Aldrin

R.T.: 5.702 min
Delta R.T.: 0.000 min
Response: 132727464
Conc: 11.56 ng/ml



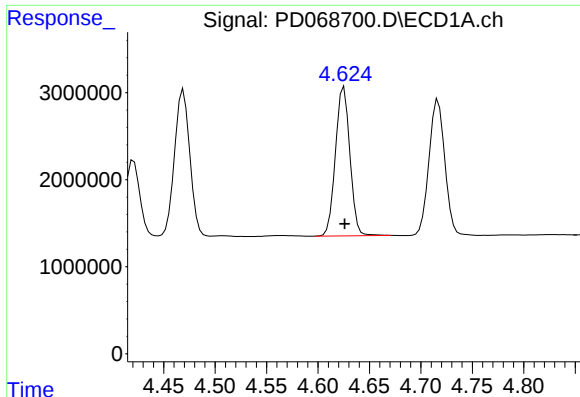
#6 beta-BHC

R.T.: 4.421 min
Delta R.T.: 0.000 min
Response: 8580694
Conc: 11.52 ng/ml



#6 beta-BHC

R.T.: 5.025 min
Delta R.T.: 0.000 min
Response: 64435870
Conc: 11.74 ng/ml



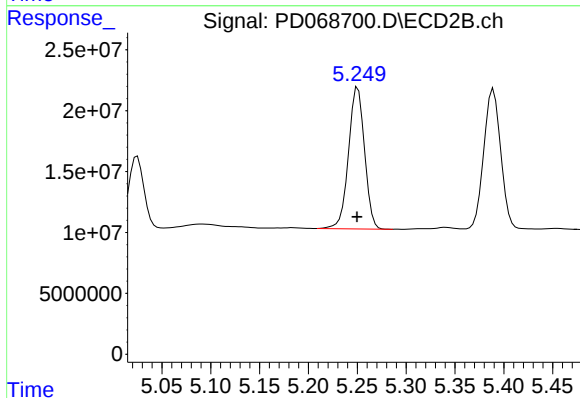
#7 delta-BHC

R.T.: 4.625 min
Delta R.T.: 0.000 min
Response: 16723345
Conc: 10.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143432BSD

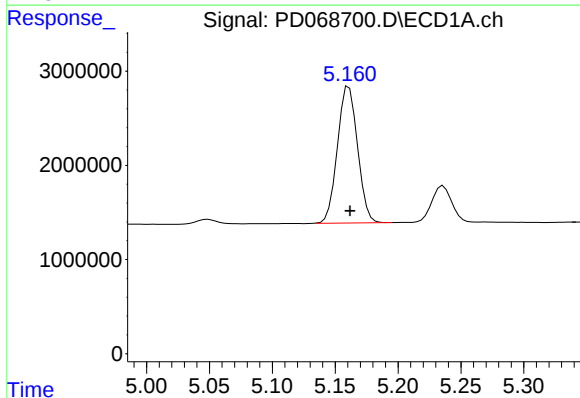
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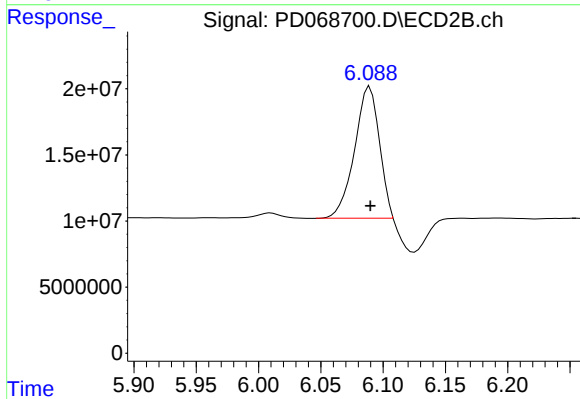
#7 delta-BHC

R.T.: 5.251 min
Delta R.T.: 0.001 min
Response: 133184116
Conc: 11.07 ng/ml



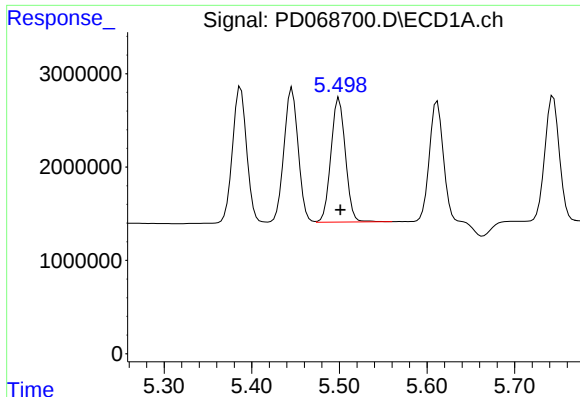
#8 Heptachlor epoxide

R.T.: 5.161 min
Delta R.T.: -0.001 min
Response: 16136337
Conc: 10.79 ng/ml



#8 Heptachlor epoxide

R.T.: 6.088 min
Delta R.T.: -0.002 min
Response: 137615500
Conc: 13.18 ng/ml m



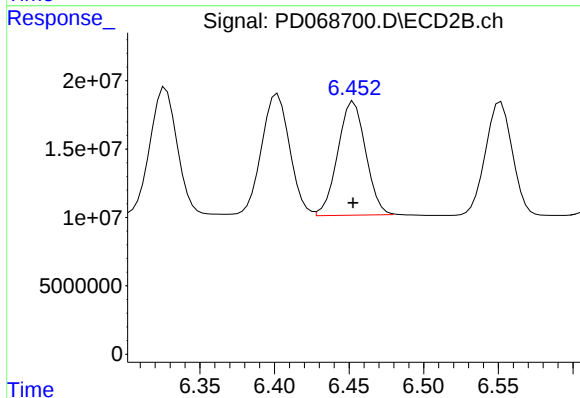
#9 Endosulfan I

R.T.: 5.500 min
Delta R.T.: -0.001 min
Response: 15278328
Conc: 10.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143432BSD

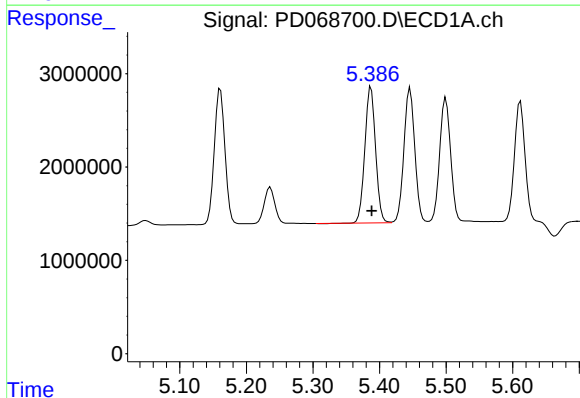
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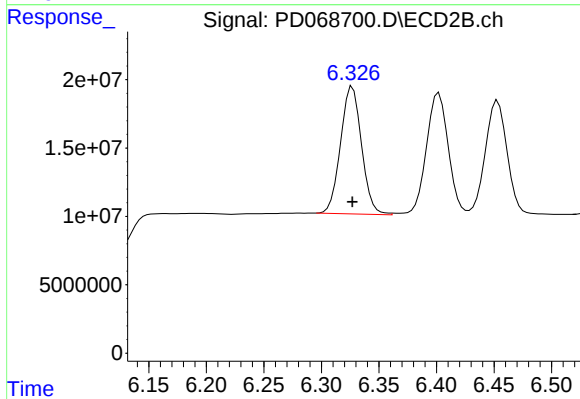
#9 Endosulfan I

R.T.: 6.452 min
Delta R.T.: 0.000 min
Response: 108388472
Conc: 11.56 ng/ml m



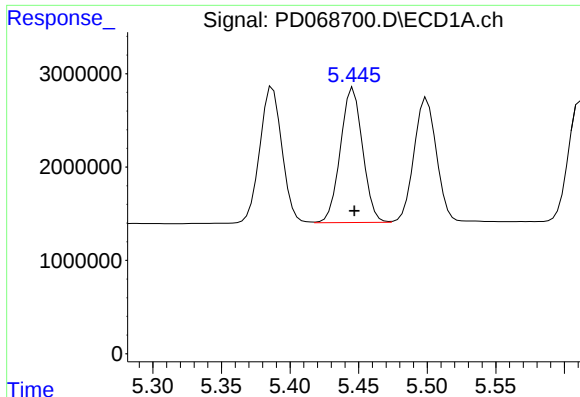
#10 gamma-Chlordane

R.T.: 5.387 min
Delta R.T.: 0.000 min
Response: 16354372
Conc: 10.78 ng/ml



#10 gamma-Chlordane

R.T.: 6.326 min
Delta R.T.: -0.001 min
Response: 118611344
Conc: 11.51 ng/ml m



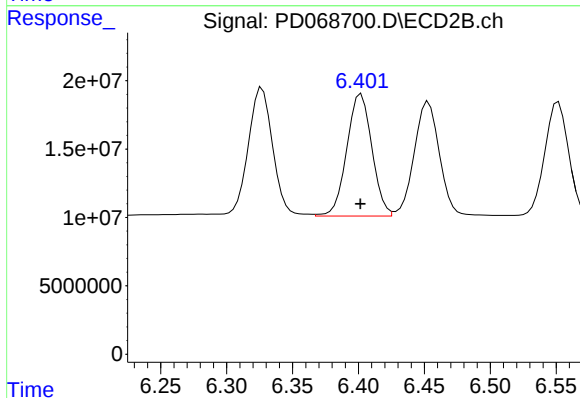
#11 alpha-Chlordane

R.T.: 5.446 min
Delta R.T.: 0.000 min
Response: 16279663
Conc: 10.89 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143432BSD

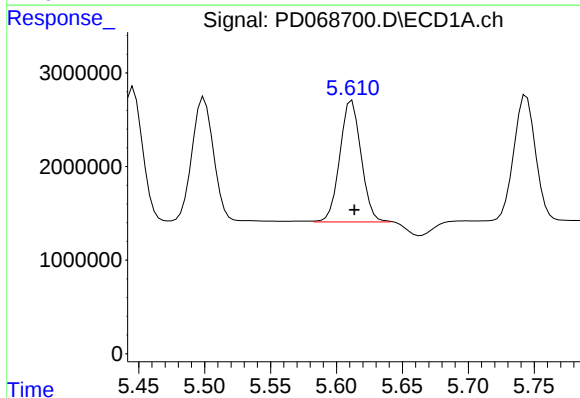
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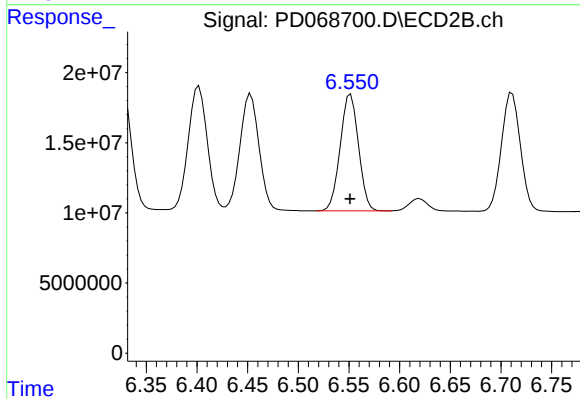
#11 alpha-Chlordane

R.T.: 6.401 min
Delta R.T.: 0.000 min
Response: 119125585
Conc: 11.96 ng/ml m



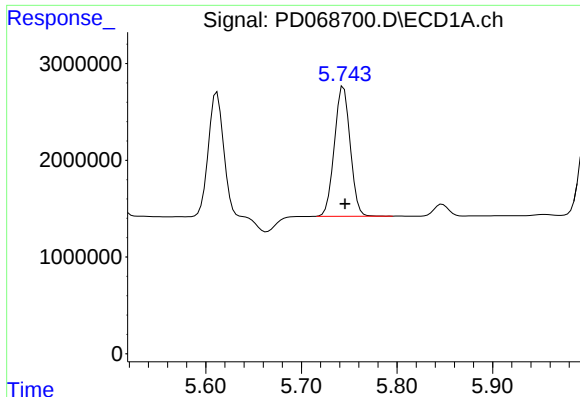
#12 4,4'-DDE

R.T.: 5.610 min
Delta R.T.: -0.003 min
Response: 14541333
Conc: 10.63 ng/ml m



#12 4,4'-DDE

R.T.: 6.552 min
Delta R.T.: 0.000 min
Response: 104232714
Conc: 11.25 ng/ml



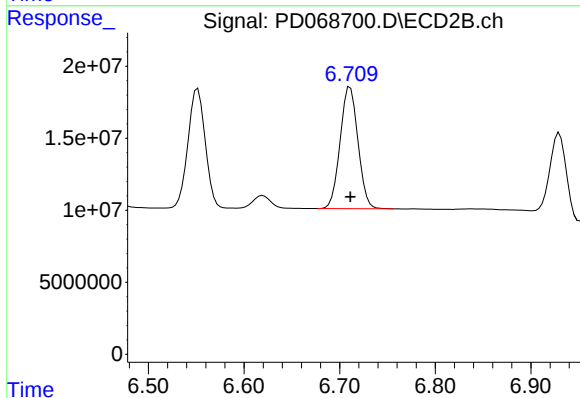
#13 Dieldrin

R.T.: 5.744 min
Delta R.T.: -0.001 min
Response: 15397899
Conc: 10.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143432BSD

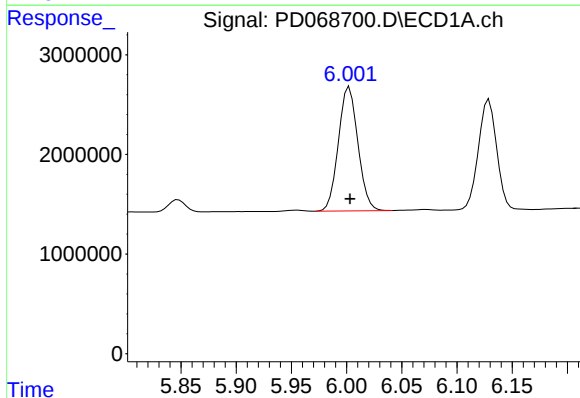
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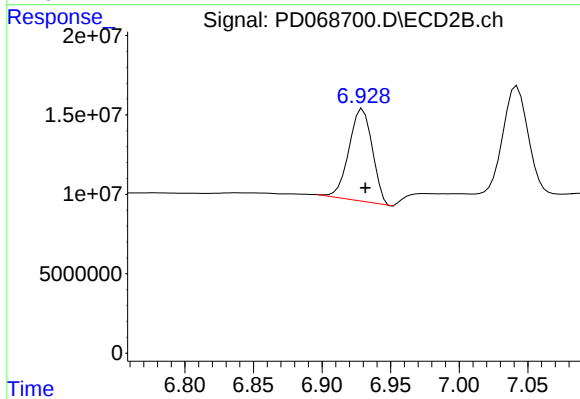
#13 Dieldrin

R.T.: 6.711 min
Delta R.T.: 0.000 min
Response: 109901820
Conc: 11.31 ng/ml



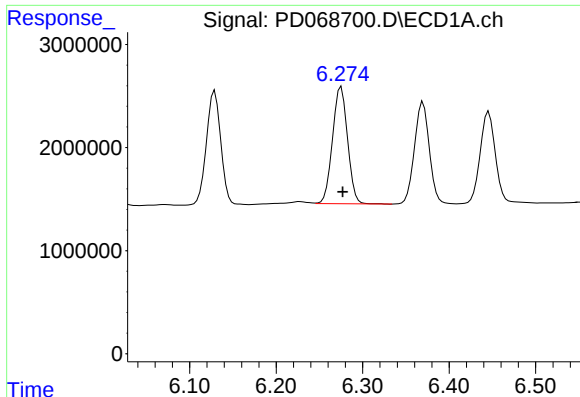
#14 Endrin

R.T.: 6.002 min
Delta R.T.: 0.000 min
Response: 15298805
Conc: 11.61 ng/ml



#14 Endrin

R.T.: 6.930 min
Delta R.T.: -0.002 min
Response: 69194139
Conc: 8.94 ng/ml



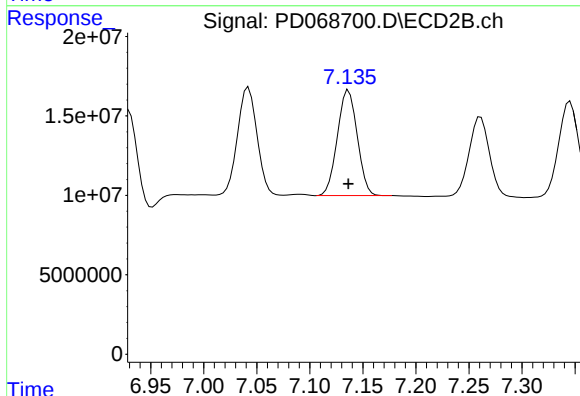
#15 Endosulfan II

R.T.: 6.275 min
Delta R.T.: -0.002 min
Response: 13706383
Conc: 11.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143432BSD

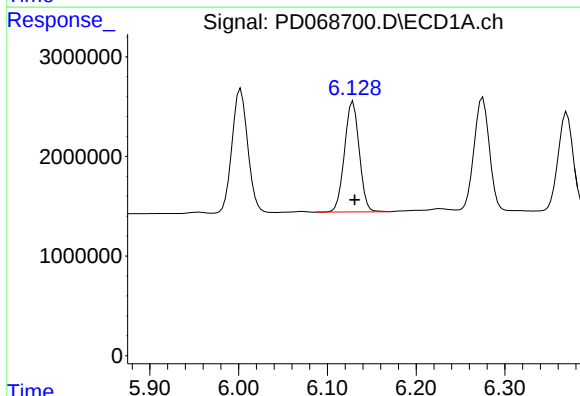
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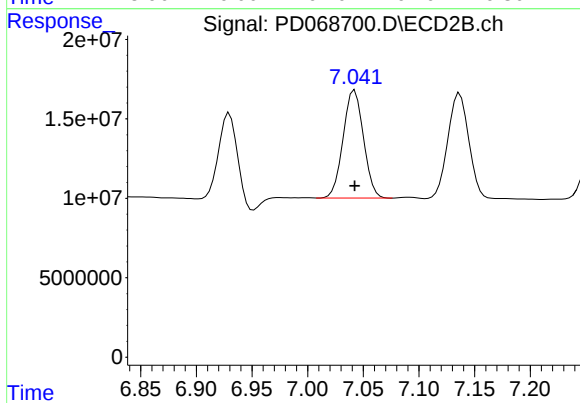
#15 Endosulfan II

R.T.: 7.137 min
Delta R.T.: 0.000 min
Response: 86615698
Conc: 11.46 ng/ml



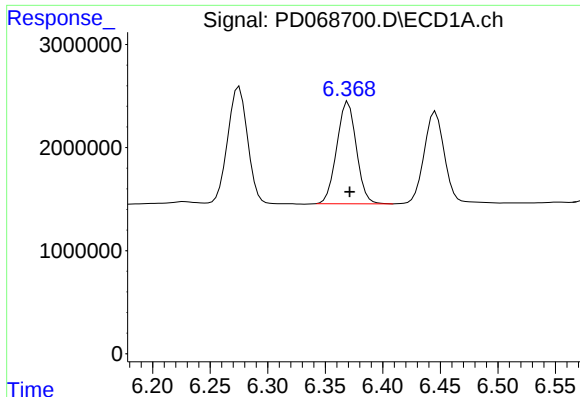
#16 4,4'-DDD

R.T.: 6.129 min
Delta R.T.: -0.002 min
Response: 12863520
Conc: 10.91 ng/ml



#16 4,4'-DDD

R.T.: 7.042 min
Delta R.T.: 0.000 min
Response: 86495717
Conc: 11.71 ng/ml



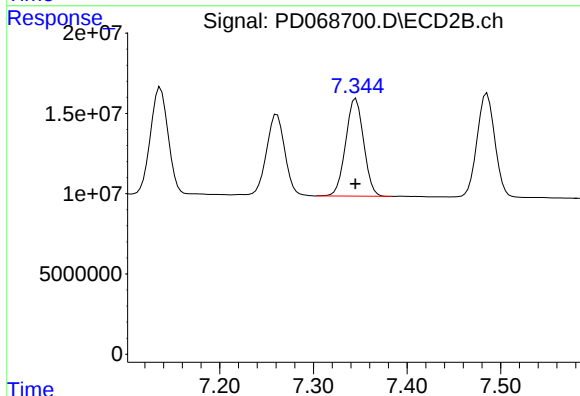
#17 4,4'-DDT

R.T.: 6.370 min
Delta R.T.: -0.001 min
Response: 11751672
Conc: 9.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143432BSD

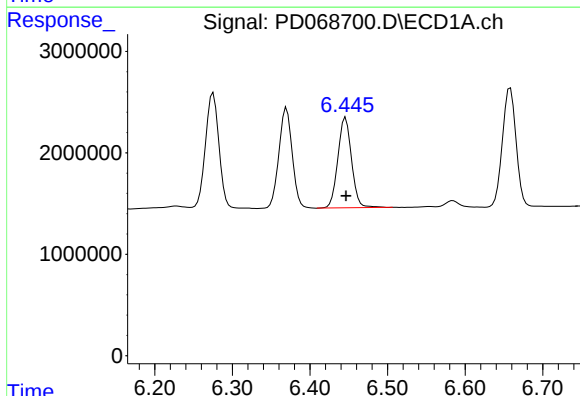
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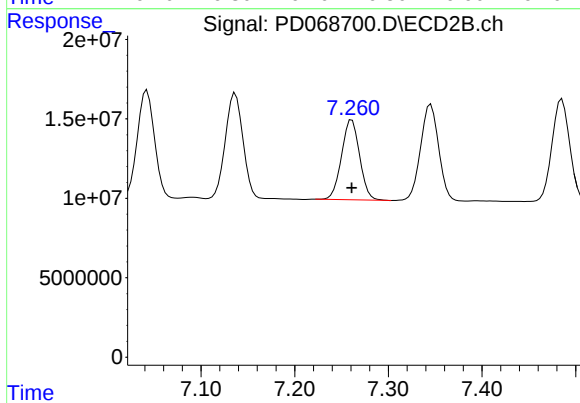
#17 4,4'-DDT

R.T.: 7.345 min
Delta R.T.: 0.000 min
Response: 81457351
Conc: 11.09 ng/ml



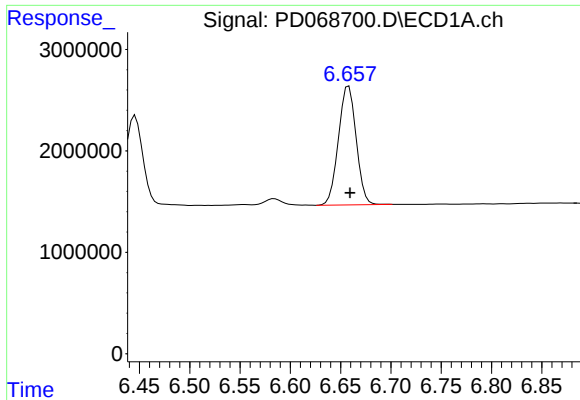
#18 Endrin aldehyde

R.T.: 6.446 min
Delta R.T.: 0.000 min
Response: 10947488
Conc: 11.03 ng/ml



#18 Endrin aldehyde

R.T.: 7.261 min
Delta R.T.: 0.000 min
Response: 67715034
Conc: 11.19 ng/ml



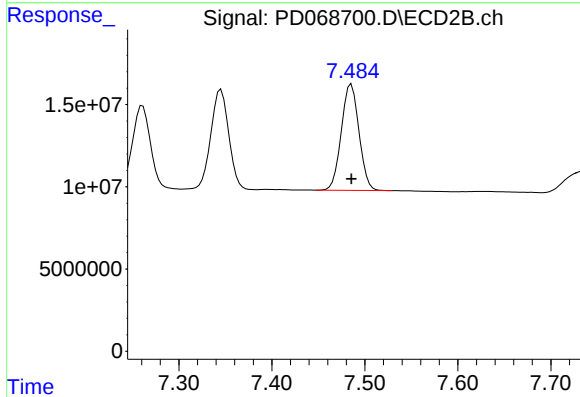
#19 Endosulfan Sulfate

R.T.: 6.658 min
Delta R.T.: -0.001 min
Response: 14346610
Conc: 11.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143432BSD

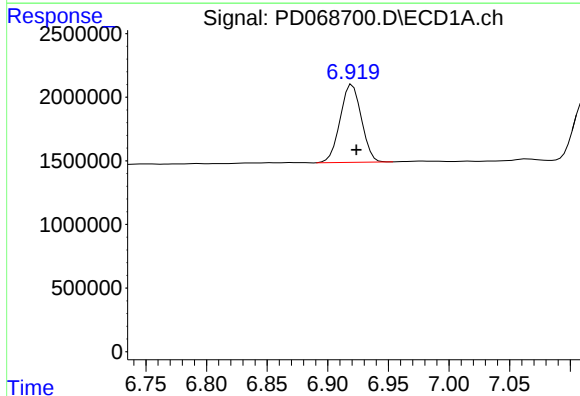
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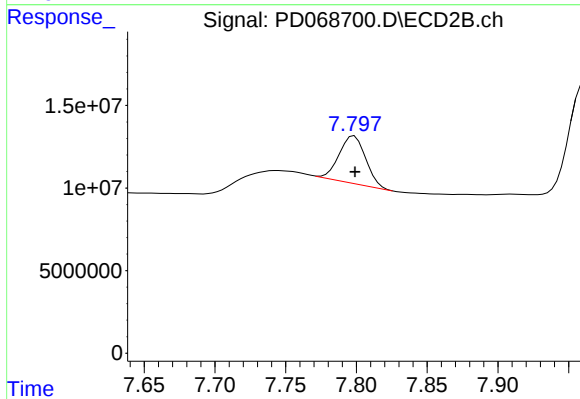
#19 Endosulfan Sulfate

R.T.: 7.485 min
Delta R.T.: 0.000 min
Response: 85360169
Conc: 11.61 ng/ml



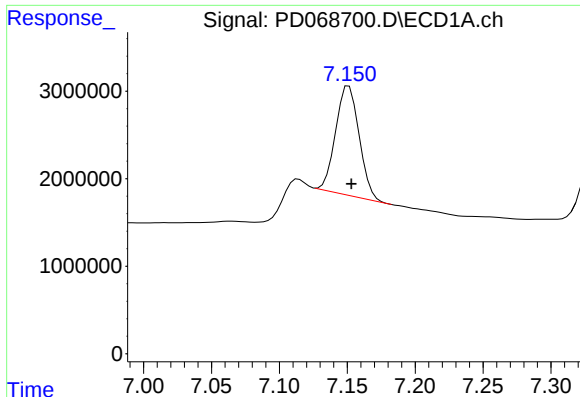
#20 Methoxychlor

R.T.: 6.920 min
Delta R.T.: -0.003 min
Response: 7456332
Conc: 10.76 ng/ml



#20 Methoxychlor

R.T.: 7.797 min
Delta R.T.: -0.002 min
Response: 37654109
Conc: 10.33 ng/ml m



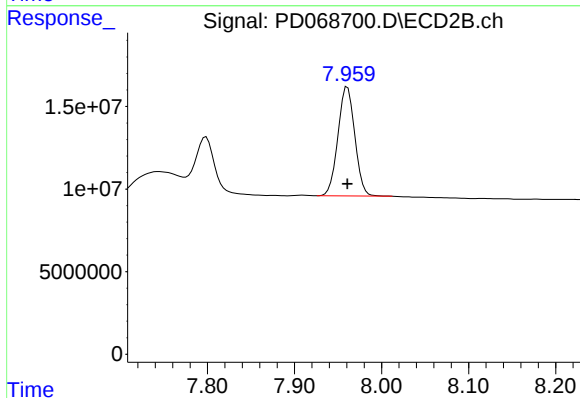
#21 Endrin ketone

R.T.: 7.150 min
Delta R.T.: -0.003 min
Response: 15042356
Conc: 10.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143432BSD

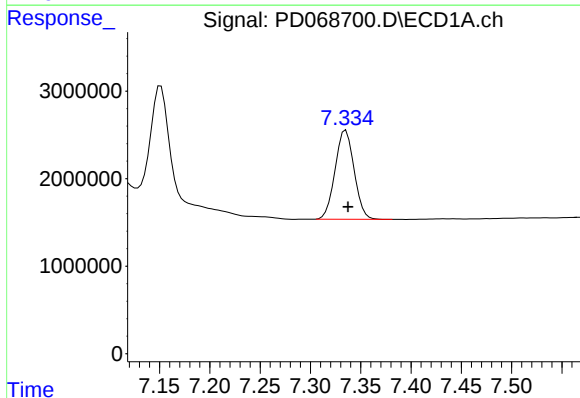
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APPROVED

Reviewed By :Abdul Mirza 03/21/2022
Supervised By :mohammad ahmed 03/21/2022



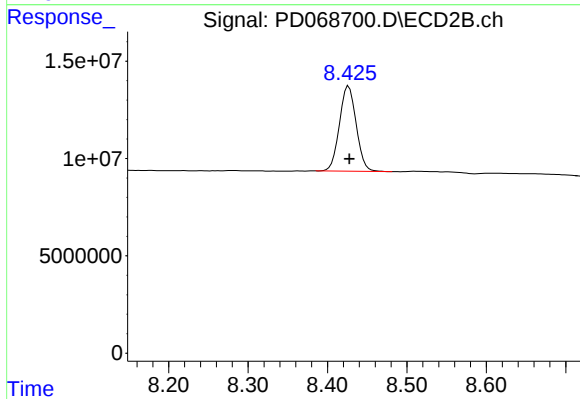
#21 Endrin ketone

R.T.: 7.961 min
Delta R.T.: 0.000 min
Response: 88919224
Conc: 11.48 ng/ml



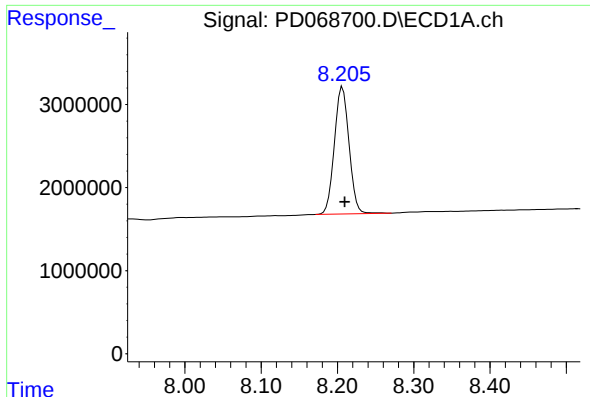
#22 Mirex

R.T.: 7.335 min
Delta R.T.: -0.002 min
Response: 13378007
Conc: 11.29 ng/ml



#22 Mirex

R.T.: 8.427 min
Delta R.T.: 0.000 min
Response: 64246127
Conc: 11.72 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.207 min
Delta R.T.: -0.003 min
Response: 20426083
Conc: 16.17 ng/ml

Instrument :

ECD_D

ClientSampleId :

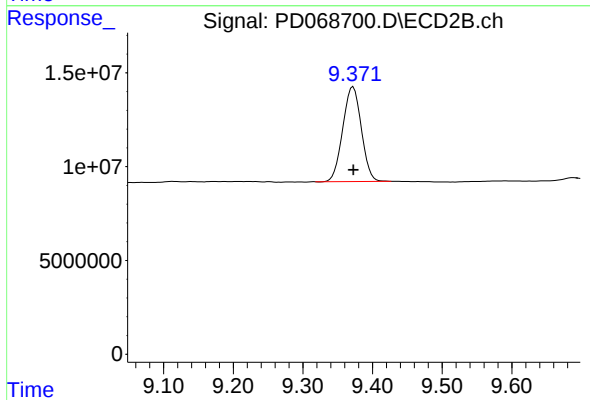
PB143432BSD

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 9.372 min
Delta R.T.: 0.000 min
Response: 93709551
Conc: 16.54 ng/ml