

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031922\
 Data File : PD068699.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Mar 2022 19:09
 Operator : AR\AJ
 Sample : PB143432BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB143432BS

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 00:51:19 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...	3.448	4.175	19504770	158.7E6	16.064	16.599
28)	SA Decachlor...	8.208	9.371	20111496	93247465	15.919	16.455
Target Compounds							
2)	A alpha-BHC	3.888	4.571	18141570	153.5E6	10.020	11.154
3)	MA gamma-BHC...	4.171	4.862	16985397	141.7E6	10.172	11.333
4)	MA Heptachlor	4.470	5.389	17589495	140.8E6	10.677	11.850
5)	MB Aldrin	4.717	5.702	16767815	132.8E6	10.492	11.569
6)	B beta-BHC	4.422	5.025	8602747	65235656	11.554	11.883
7)	B delta-BHC	4.626	5.251	16573905	118.1E6	10.142	9.820
8)	B Heptachlo...	5.161	6.088	16269703	113.8E6	10.879	10.901m
9)	A Endosulfan I	5.500	6.452	15369805	107.6E6	10.984	11.472m
10)	B gamma-Chl...	5.387	6.325	16593402	115.1E6	10.939	11.167m
11)	B alpha-Chl...	5.446	6.400	16429157	117.9E6	10.992	11.845m
12)	B 4,4'-DDE	5.611	6.551	14362668	102.7E6	10.499m	11.080
13)	MA Dieldrin	5.744	6.711	15400704	109.2E6	10.547	11.240
14)	MA Endrin	6.002	6.929	15543541	65883895	11.799	8.515 #
15)	B Endosulfa...	6.275	7.136	13502669	86227277	10.834	11.408
16)	A 4,4'-DDD	6.129	7.043	12573978	85447158	10.663	11.570
17)	MA 4,4'-DDT	6.370	7.345	11734783	82219622	9.763	11.191
18)	B Endrin al...	6.446	7.260	10768727	67265997	10.847	11.115
19)	B Endosulfa...	6.658	7.485	14255192	84088750	11.147	11.433
20)	A Methoxychlor	6.921	7.797	7373112	36468878	10.639	10.004m
21)	B Endrin ke...	7.150	7.960	14768593	87348809	10.032m	11.273
22)	Mirex	7.336	8.426	13121523	67052819	11.071	12.233

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031922\
Data File : PD068699.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Mar 2022 19:09
Operator : AR\AJ
Sample : PB143432BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :

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ClientSampleId :

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Manual Integrations

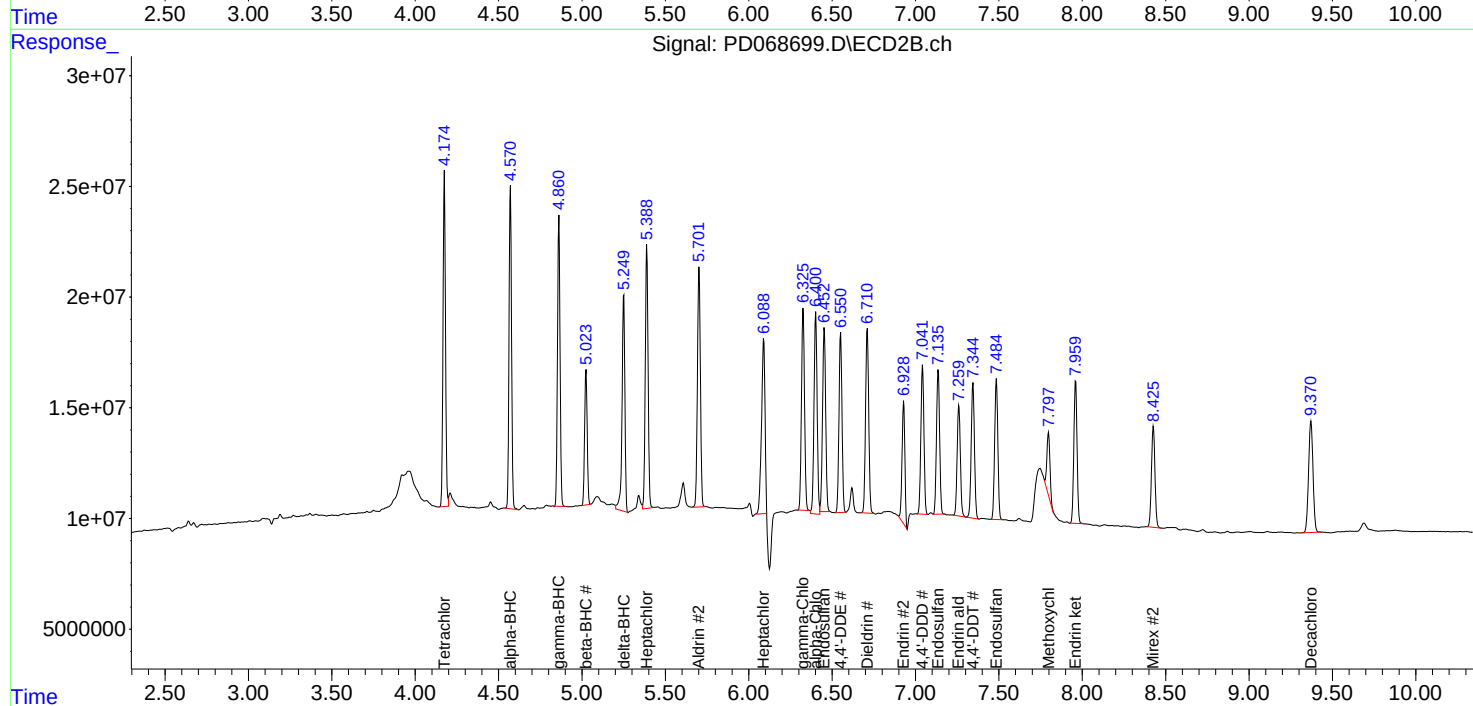
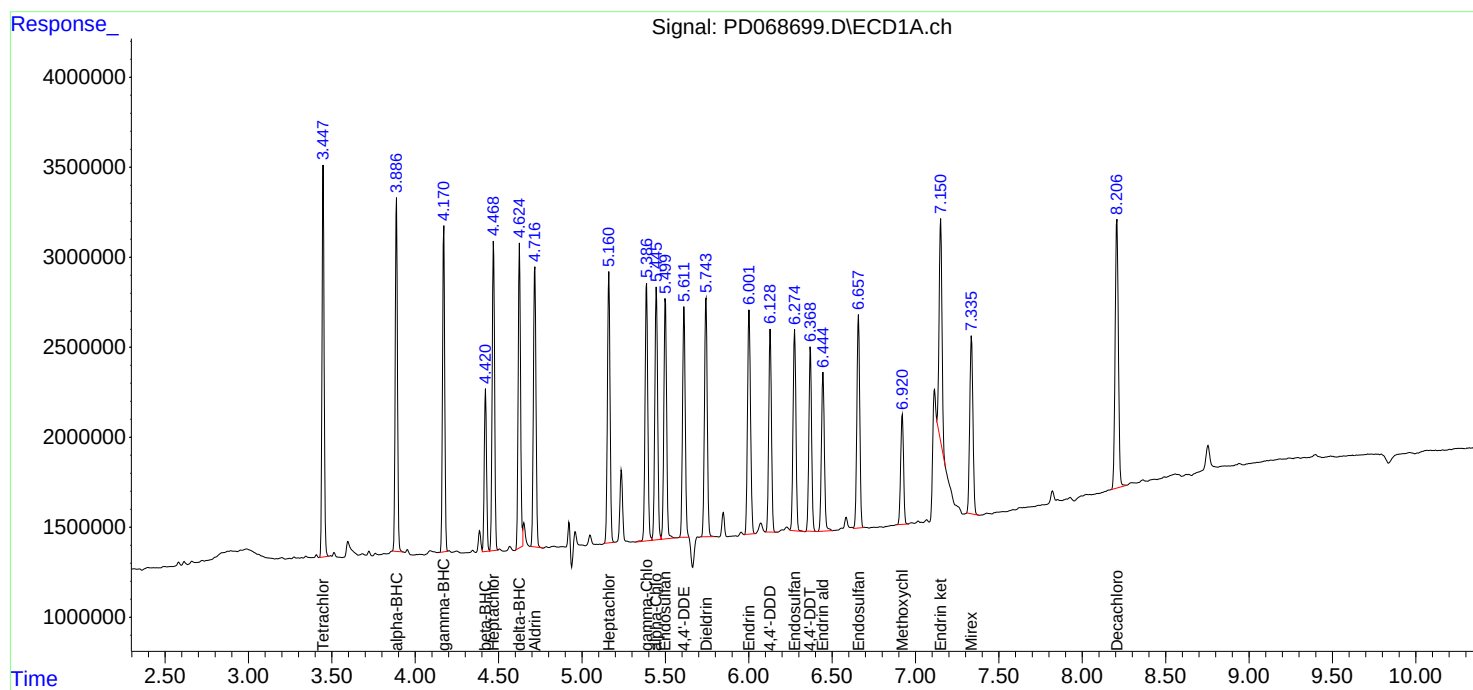
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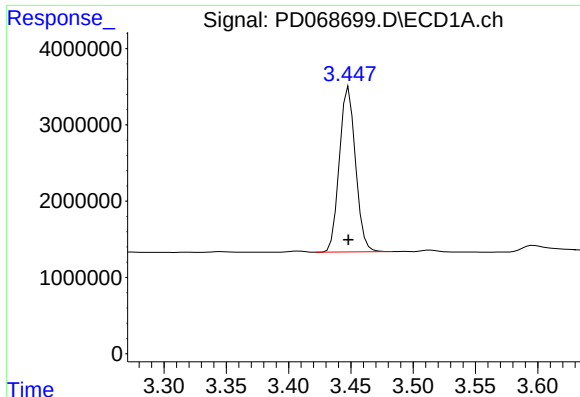
Reviewed By :Abdul Mirza 03/21/2022

Supervised By :mohammad ahmed 03/21/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 19 00:51:19 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





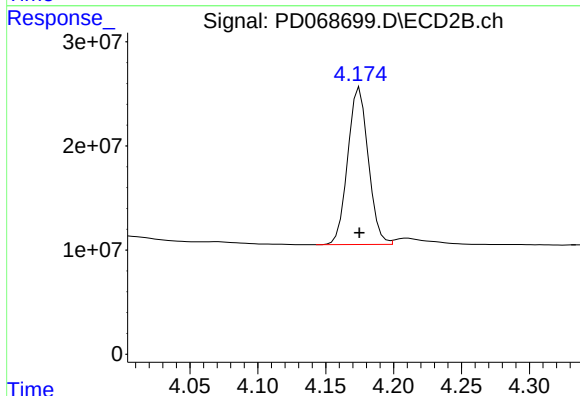
#1 Tetrachloro-m-xylene

R.T.: 3.448 min
Delta R.T.: 0.000 min
Response: 19504770
Conc: 16.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143432BS

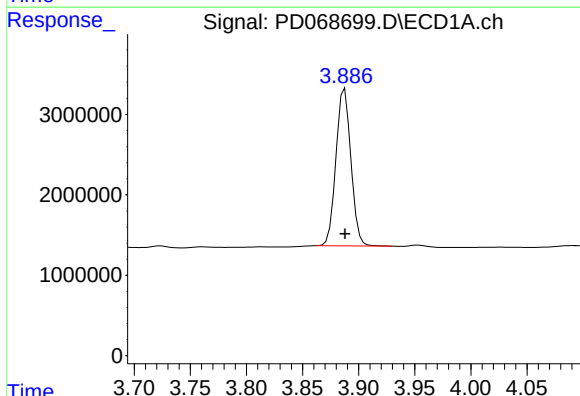
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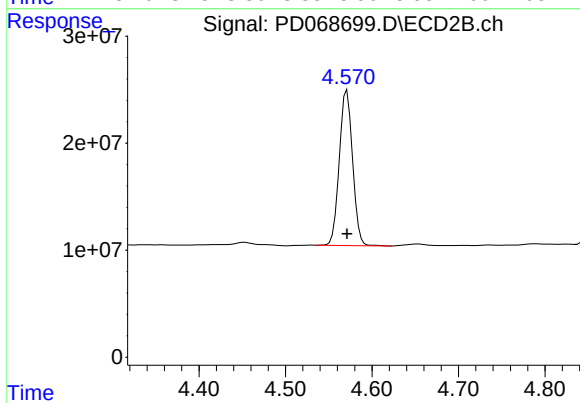
#1 Tetrachloro-m-xylene

R.T.: 4.175 min
Delta R.T.: 0.000 min
Response: 158697564
Conc: 16.60 ng/ml



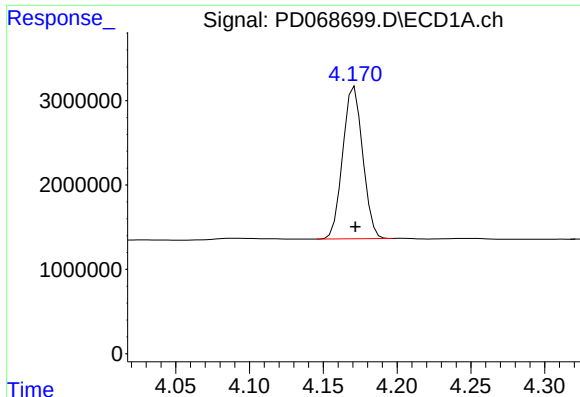
#2 alpha-BHC

R.T.: 3.888 min
Delta R.T.: 0.000 min
Response: 18141570
Conc: 10.02 ng/ml



#2 alpha-BHC

R.T.: 4.571 min
Delta R.T.: 0.000 min
Response: 153508675
Conc: 11.15 ng/ml



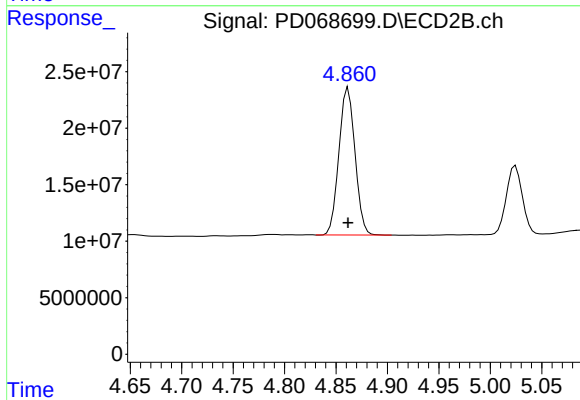
#3 gamma-BHC (Lindane)

R.T.: 4.171 min
Delta R.T.: 0.000 min
Response: 16985397
Conc: 10.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143432BS

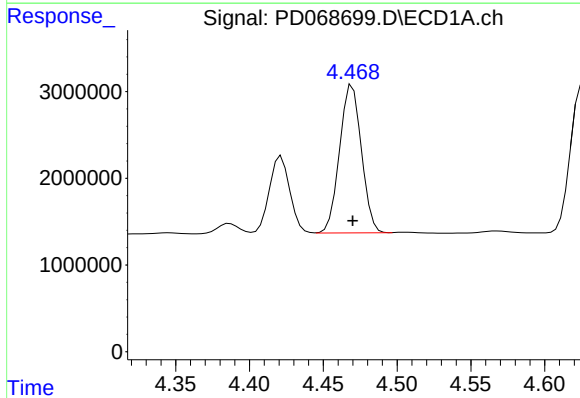
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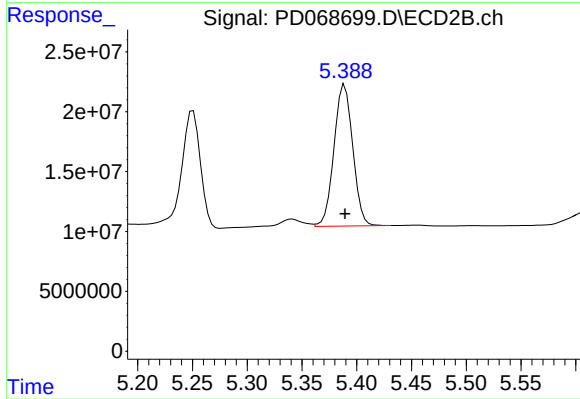
#3 gamma-BHC (Lindane)

R.T.: 4.862 min
Delta R.T.: 0.000 min
Response: 141699011
Conc: 11.33 ng/ml



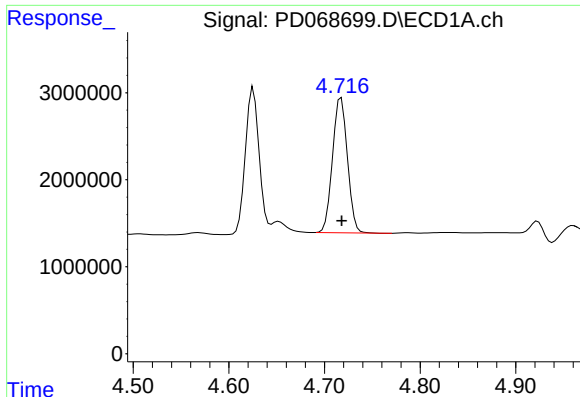
#4 Heptachlor

R.T.: 4.470 min
Delta R.T.: 0.000 min
Response: 17589495
Conc: 10.68 ng/ml



#4 Heptachlor

R.T.: 5.389 min
Delta R.T.: 0.000 min
Response: 140832306
Conc: 11.85 ng/ml



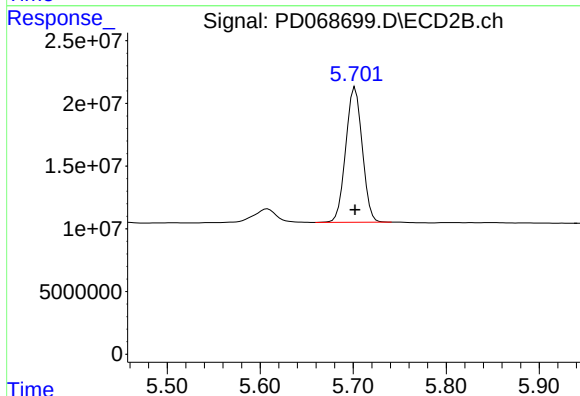
#5 Aldrin

R.T.: 4.717 min
Delta R.T.: 0.000 min
Response: 16767815
Conc: 10.49 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143432BS

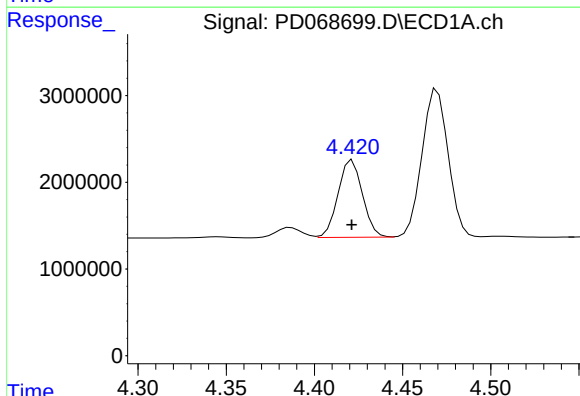
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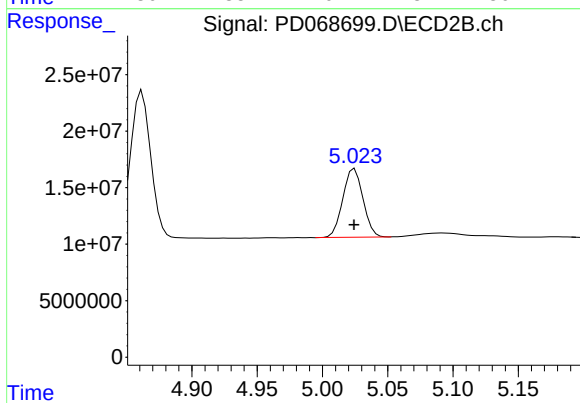
#5 Aldrin

R.T.: 5.702 min
Delta R.T.: 0.000 min
Response: 132793788
Conc: 11.57 ng/ml



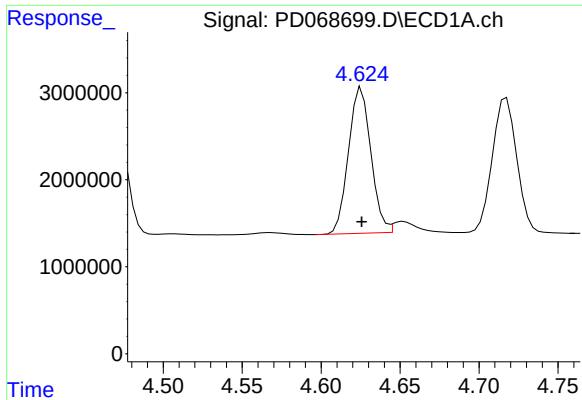
#6 beta-BHC

R.T.: 4.422 min
Delta R.T.: 0.000 min
Response: 8602747
Conc: 11.55 ng/ml



#6 beta-BHC

R.T.: 5.025 min
Delta R.T.: 0.000 min
Response: 65235656
Conc: 11.88 ng/ml



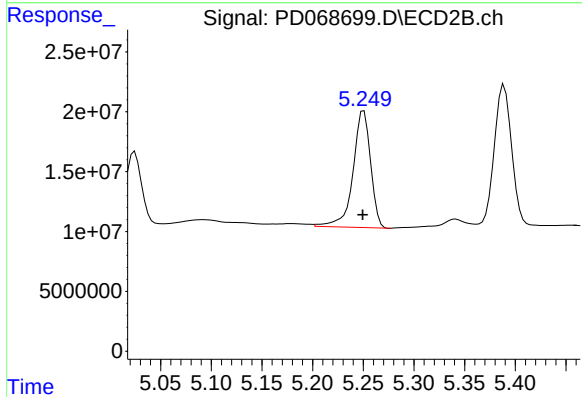
#7 delta-BHC

R.T.: 4.626 min
Delta R.T.: 0.000 min
Response: 16573905
Conc: 10.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143432BS

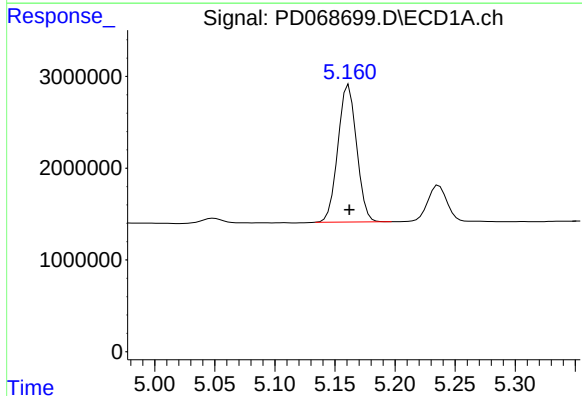
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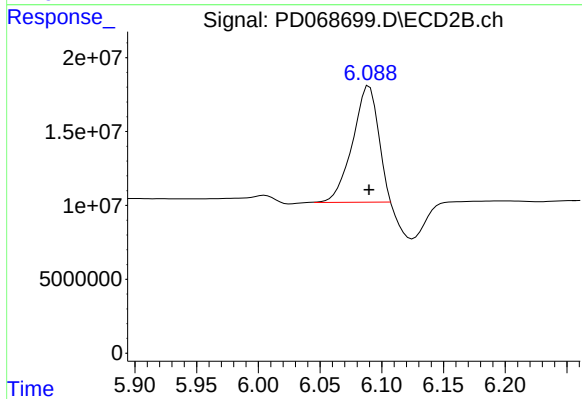
#7 delta-BHC

R.T.: 5.251 min
Delta R.T.: 0.000 min
Response: 118091222
Conc: 9.82 ng/ml



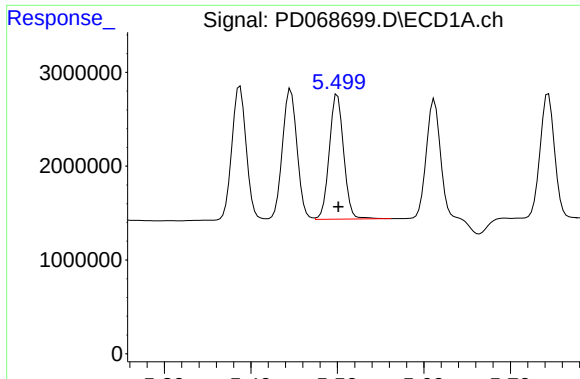
#8 Heptachlor epoxide

R.T.: 5.161 min
Delta R.T.: 0.000 min
Response: 16269703
Conc: 10.88 ng/ml



#8 Heptachlor epoxide

R.T.: 6.088 min
Delta R.T.: -0.001 min
Response: 113837494
Conc: 10.90 ng/ml m



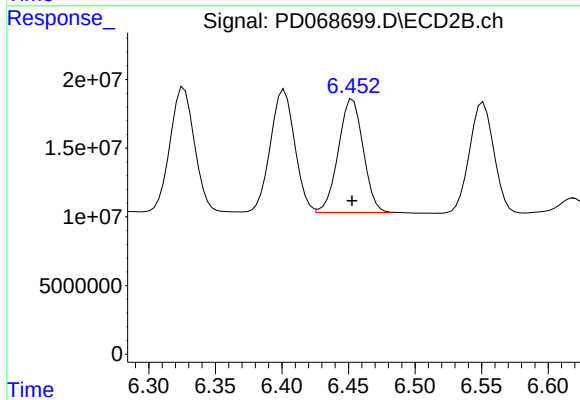
#9 Endosulfan I

R.T.: 5.500 min
Delta R.T.: 0.000 min
Response: 15369805
Conc: 10.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143432BS

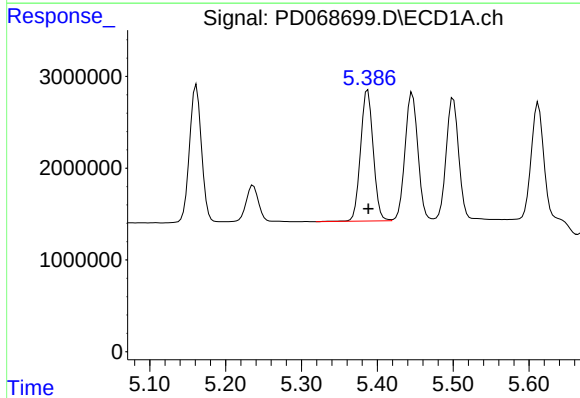
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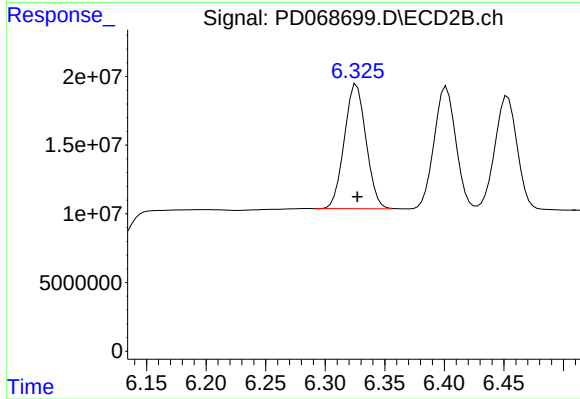
#9 Endosulfan I

R.T.: 6.452 min
Delta R.T.: 0.000 min
Response: 107589122
Conc: 11.47 ng/ml m



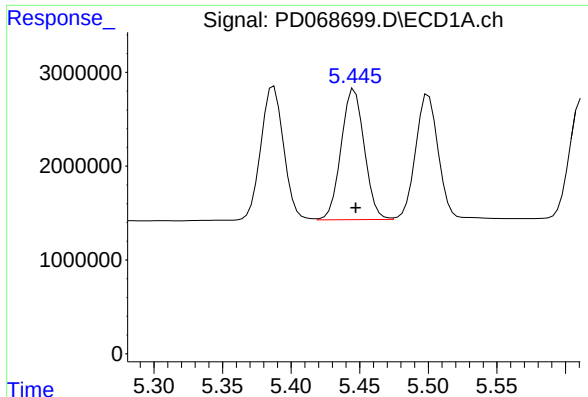
#10 gamma-Chlordane

R.T.: 5.387 min
Delta R.T.: 0.000 min
Response: 16593402
Conc: 10.94 ng/ml



#10 gamma-Chlordane

R.T.: 6.325 min
Delta R.T.: -0.002 min
Response: 115097338
Conc: 11.17 ng/ml m



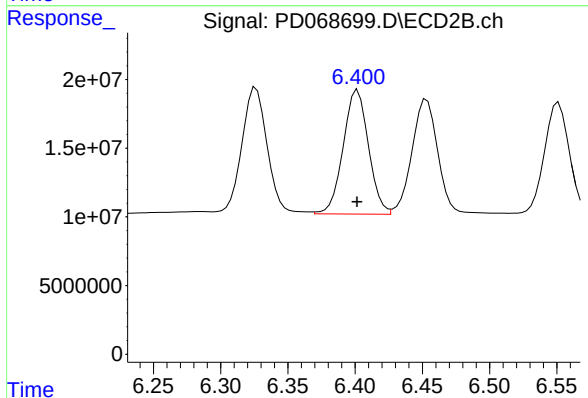
#11 alpha-Chlordane

R.T.: 5.446 min
Delta R.T.: 0.000 min
Response: 16429157
Conc: 10.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143432BS

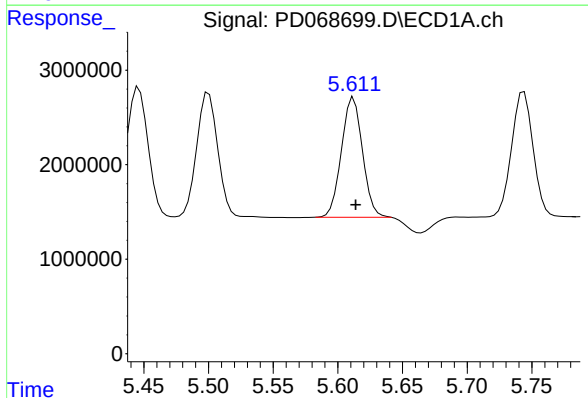
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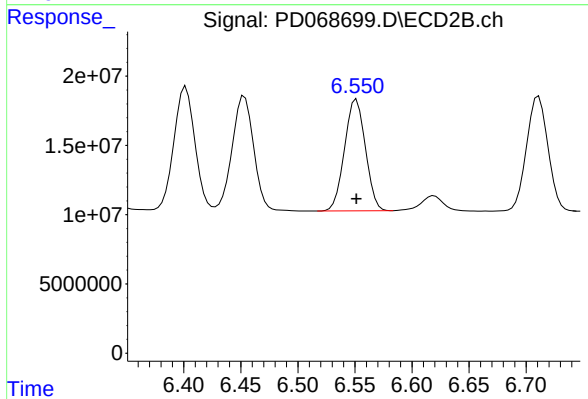
#11 alpha-Chlordane

R.T.: 6.400 min
Delta R.T.: 0.000 min
Response: 117933493
Conc: 11.85 ng/ml m



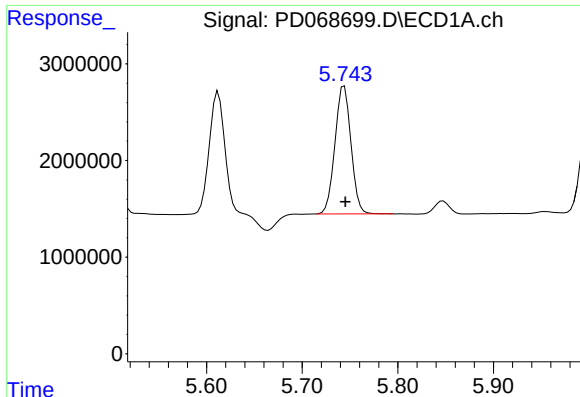
#12 4,4'-DDE

R.T.: 5.611 min
Delta R.T.: -0.003 min
Response: 14362668
Conc: 10.50 ng/ml m



#12 4,4'-DDE

R.T.: 6.551 min
Delta R.T.: 0.000 min
Response: 102674726
Conc: 11.08 ng/ml



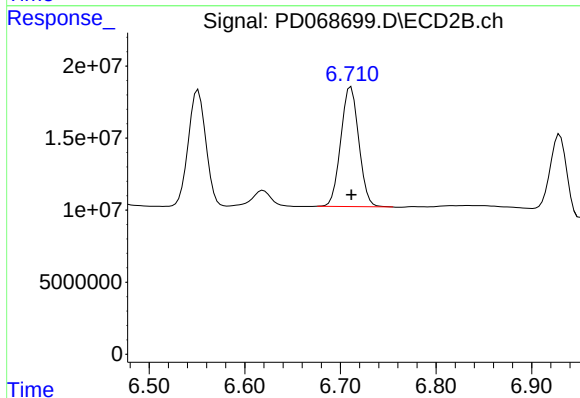
#13 Dieldrin

R.T.: 5.744 min
Delta R.T.: -0.001 min
Response: 15400704
Conc: 10.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143432BS

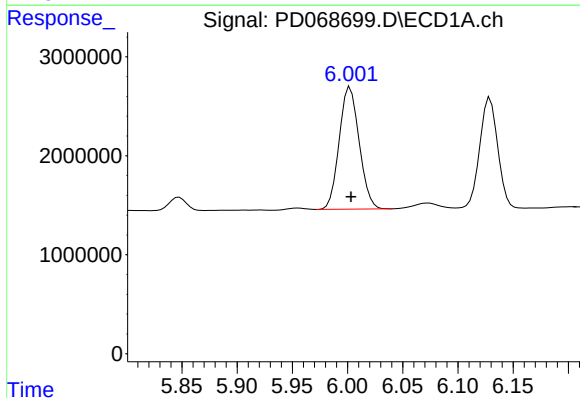
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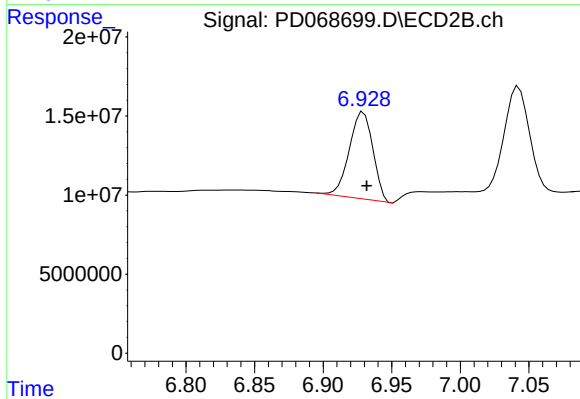
#13 Dieldrin

R.T.: 6.711 min
Delta R.T.: 0.000 min
Response: 109176835
Conc: 11.24 ng/ml



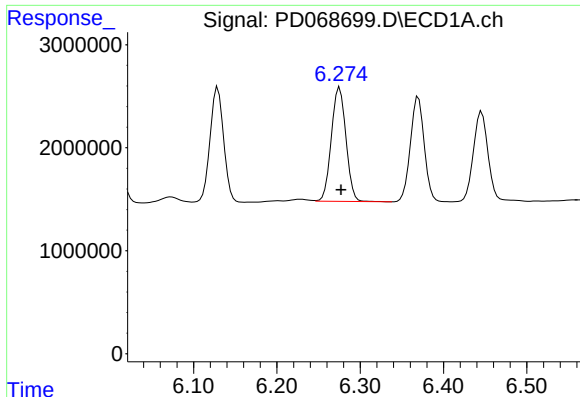
#14 Endrin

R.T.: 6.002 min
Delta R.T.: 0.000 min
Response: 15543541
Conc: 11.80 ng/ml



#14 Endrin

R.T.: 6.929 min
Delta R.T.: -0.002 min
Response: 65883895
Conc: 8.51 ng/ml



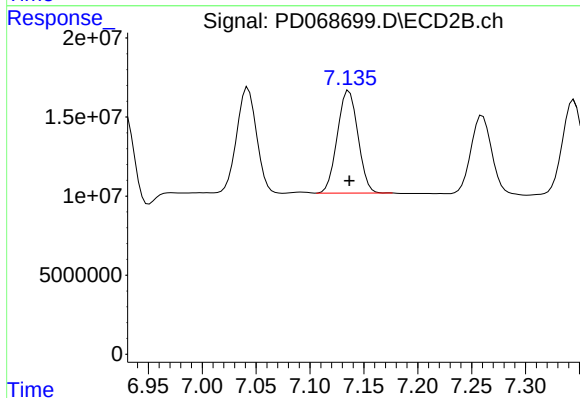
#15 Endosulfan II

R.T.: 6.275 min
Delta R.T.: -0.002 min
Response: 13502669
Conc: 10.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143432BS

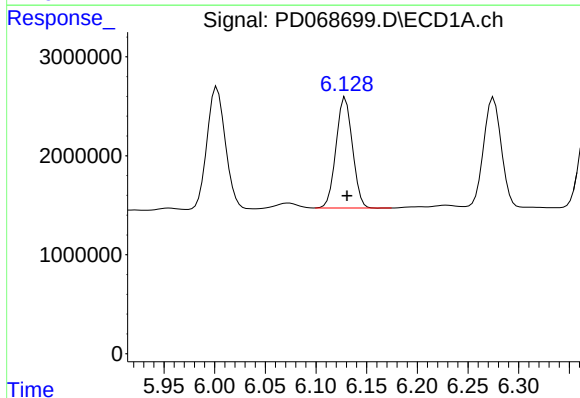
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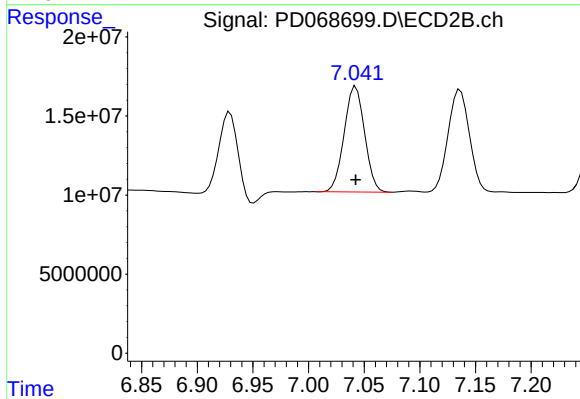
#15 Endosulfan II

R.T.: 7.136 min
Delta R.T.: 0.000 min
Response: 86227277
Conc: 11.41 ng/ml



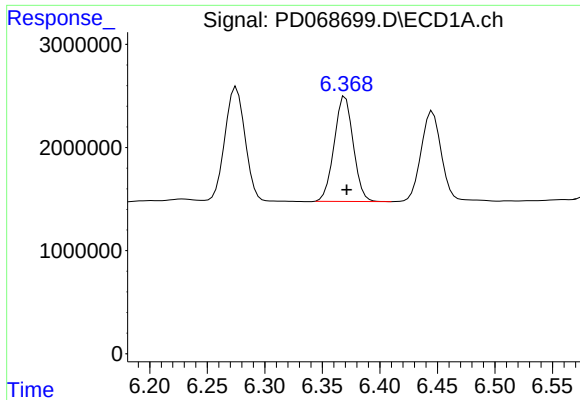
#16 4,4'-DDD

R.T.: 6.129 min
Delta R.T.: -0.002 min
Response: 12573978
Conc: 10.66 ng/ml



#16 4,4'-DDD

R.T.: 7.043 min
Delta R.T.: 0.000 min
Response: 85447158
Conc: 11.57 ng/ml



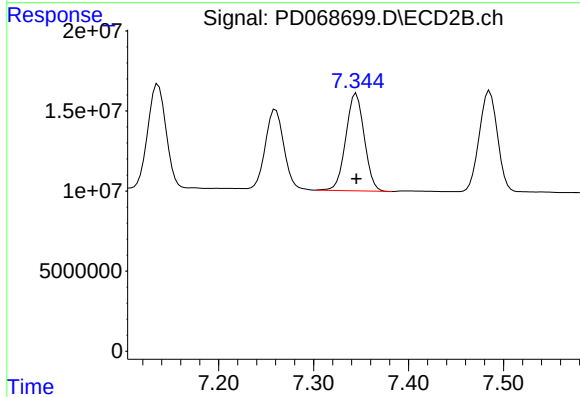
#17 4,4'-DDT

R.T.: 6.370 min
Delta R.T.: -0.001 min
Response: 11734783
Conc: 9.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143432BS

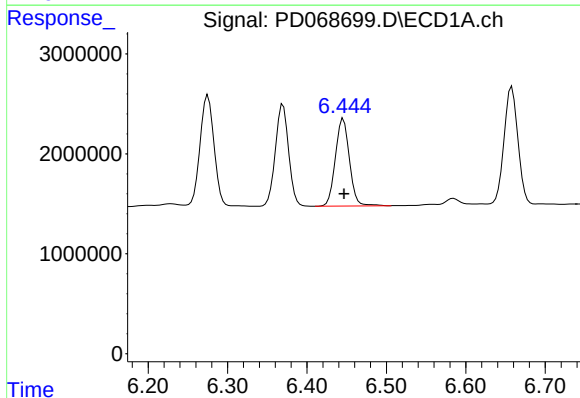
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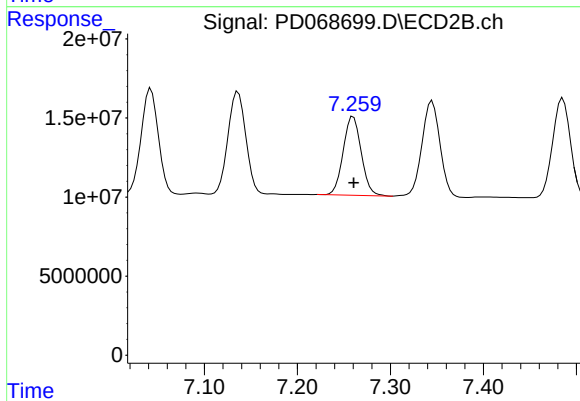
#17 4,4'-DDT

R.T.: 7.345 min
Delta R.T.: 0.000 min
Response: 82219622
Conc: 11.19 ng/ml



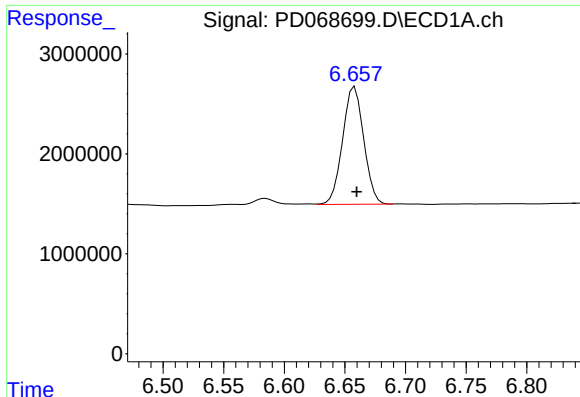
#18 Endrin aldehyde

R.T.: 6.446 min
Delta R.T.: -0.001 min
Response: 10768727
Conc: 10.85 ng/ml



#18 Endrin aldehyde

R.T.: 7.260 min
Delta R.T.: 0.000 min
Response: 67265997
Conc: 11.12 ng/ml



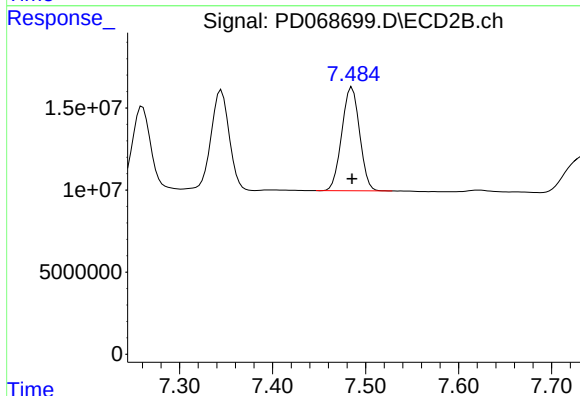
#19 Endosulfan Sulfate

R.T.: 6.658 min
Delta R.T.: -0.002 min
Response: 14255192
Conc: 11.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143432BS

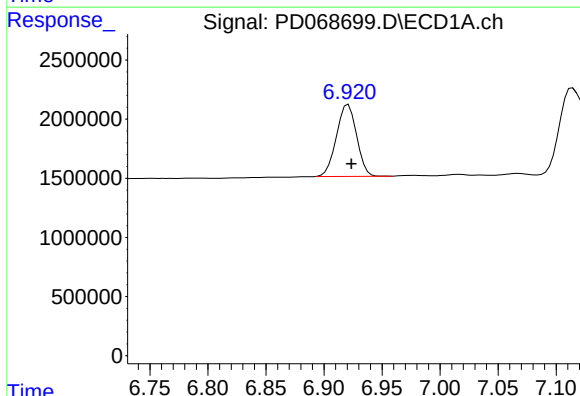
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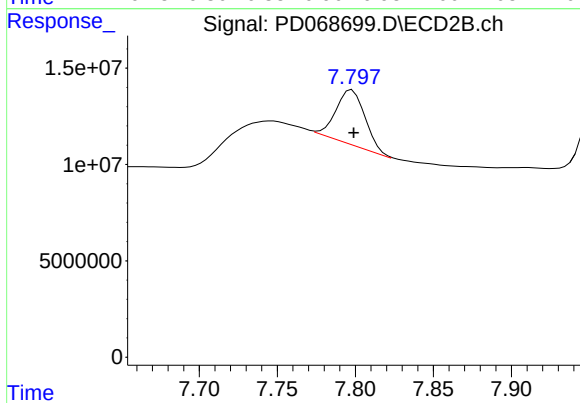
#19 Endosulfan Sulfate

R.T.: 7.485 min
Delta R.T.: 0.000 min
Response: 84088750
Conc: 11.43 ng/ml



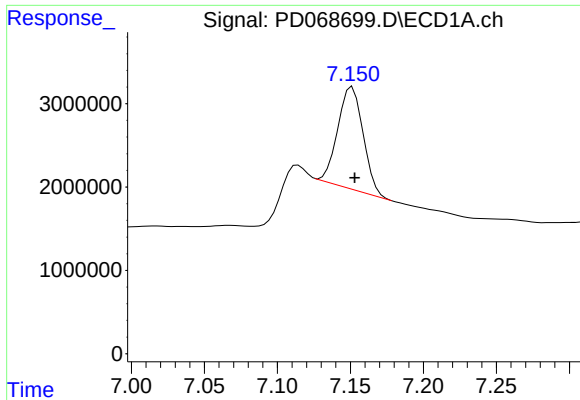
#20 Methoxychlor

R.T.: 6.921 min
Delta R.T.: -0.003 min
Response: 7373112
Conc: 10.64 ng/ml



#20 Methoxychlor

R.T.: 7.797 min
Delta R.T.: -0.002 min
Response: 36468878
Conc: 10.00 ng/ml m



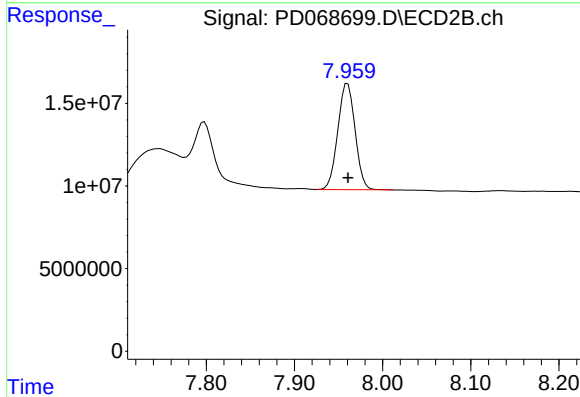
#21 Endrin ketone

R.T.: 7.150 min
Delta R.T.: -0.003 min
Response: 14768593
Conc: 10.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143432BS

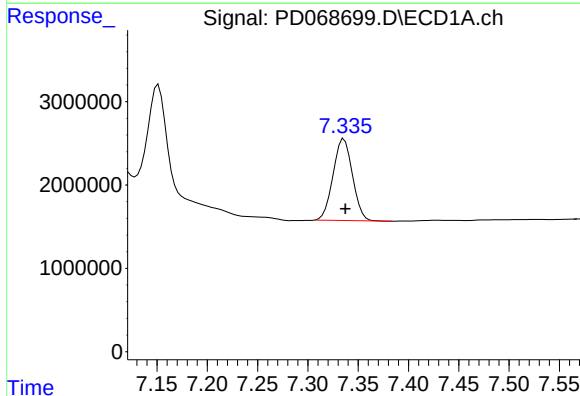
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Reviewed By :Abdul Mirza 03/21/2022
Supervised By :mohammad ahmed 03/21/2022



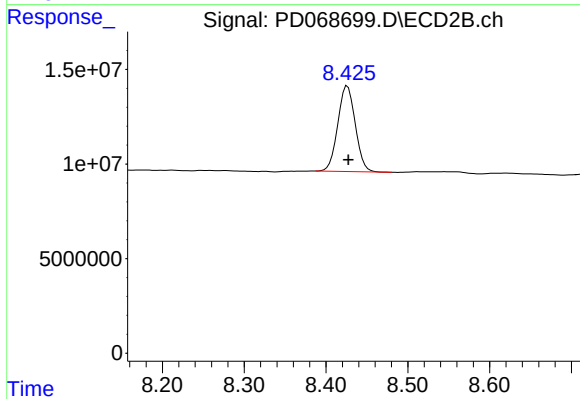
#21 Endrin ketone

R.T.: 7.960 min
Delta R.T.: 0.000 min
Response: 87348809
Conc: 11.27 ng/ml



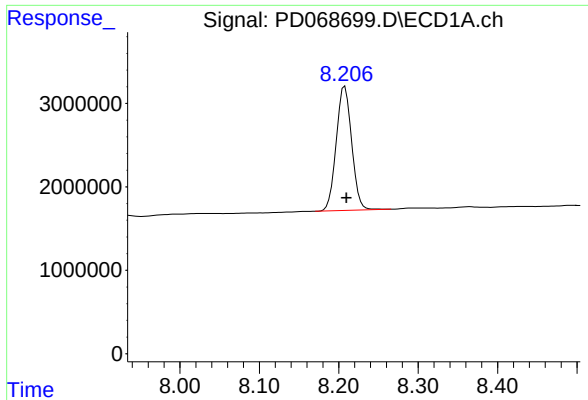
#22 Mirex

R.T.: 7.336 min
Delta R.T.: -0.001 min
Response: 13121523
Conc: 11.07 ng/ml



#22 Mirex

R.T.: 8.426 min
Delta R.T.: -0.001 min
Response: 67052819
Conc: 12.23 ng/ml



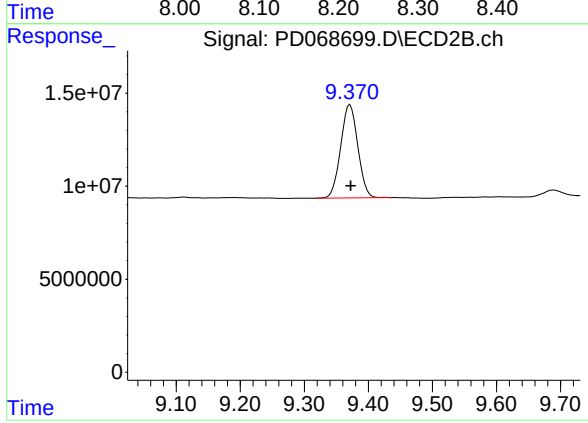
#28 Decachlorobiphenyl

R.T.: 8.208 min
Delta R.T.: -0.002 min
Response: 20111496
Conc: 15.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143432BS

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 03/21/2022



#28 Decachlorobiphenyl

R.T.: 9.371 min
Delta R.T.: -0.001 min
Response: 93247465
Conc: 16.46 ng/ml