

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052322\
 Data File : PD069777.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 May 2022 02:42
 Operator : AR\AJ
 Sample : PB145021BSD
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB145021BSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/23/2022
 Supervised By : Ankita Jodhani 05/23/2022

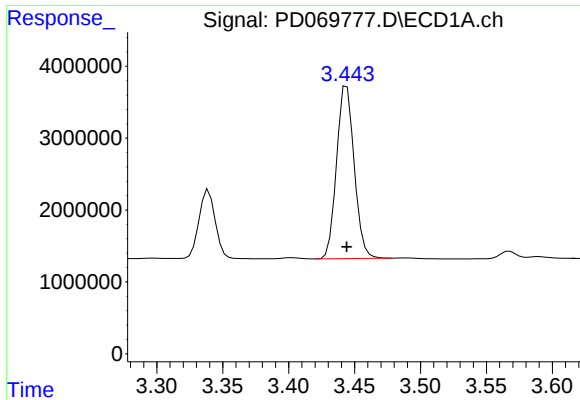
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 23 03:23:41 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD052022.M
 Quant Title : GC Extractables
 QLast Update : Mon May 23 02:08:05 2022
 Response via : Initial Calibration
 Integrator: ChemStation

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...	3.444	4.172	22362583	253.4E6	22.316	26.518
28)	SA Decachlor...	8.196	9.366	24016709	149.1E6	22.266	24.881
Target Compounds							
2)	A alpha-BHC	3.883	4.568	14473514	151.1E6	9.691	10.834
3)	MA gamma-BHC...	4.165	4.859	16449625	144.2E6	11.141m	11.263
4)	MA Heptachlor	4.463	5.386	14528586	151.1E6	10.373	12.165
5)	MB Aldrin	4.710	5.699	14604443	150.9E6	10.840	12.525
6)	B beta-BHC	4.416	5.022	7489189	79156104	11.498	14.098
7)	B delta-BHC	4.619	5.247	3480682	39196747	2.492	4.345 #
8)	B Heptachlo...	5.154	6.087	13771904	131.6E6	10.877	14.743 #
9)	A Endosulfan I	5.492	6.449	12684212	122.3E6	10.694	12.340
10)	B gamma-Chl...	5.379	6.323	14016046	133.9E6	10.958	12.512
11)	B alpha-Chl...	5.438	6.398	13898838	131.6E6	10.984	12.535
12)	B 4,4'-DDE	5.604	6.548	12620812	123.5E6	10.905	12.442
13)	MA Dieldrin	5.736	6.707	13617727	131.4E6	11.015	12.830
14)	MA Endrin	5.994	6.928	11381466	98282478	10.243	12.092
15)	B Endosulfa...	6.267	7.133	12516309	109.0E6	11.966	13.256
16)	A 4,4'-DDD	6.121	7.039	10769705	100.0E6	10.818	12.345
17)	MA 4,4'-DDT	6.361	7.342	8800649	87703329	9.167	10.664
18)	B Endrin al...	6.437	7.257	10332379	87625103	12.015	13.735
19)	B Endosulfa...	6.650	7.482	10043559	83797513	9.131	10.489
20)	A Methoxychlor	6.911	7.795	6044310	51275496	10.487	12.435
21)	B Endrin ke...	7.143	7.957	14240671	111.0E6	11.368	13.284
22)	Mirex	7.326	8.422	35417104	232.9E6	35.383	39.653

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



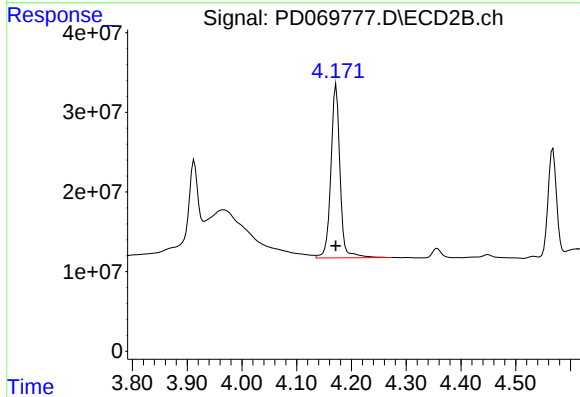
#1 Tetrachloro-m-xylene

R.T.: 3.444 min
Delta R.T.: 0.000 min
Response: 22362583
Conc: 22.32 ng/ml

Instrument :
ECD_D
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PB145021BSD

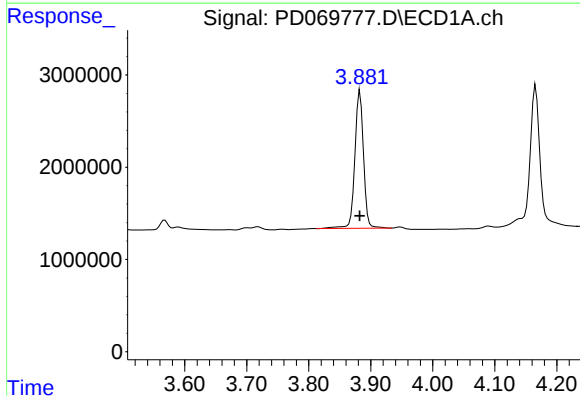
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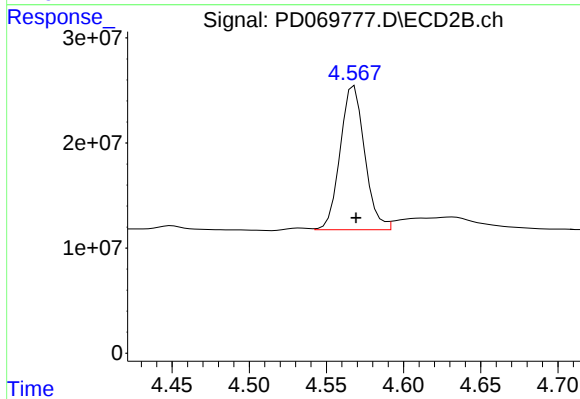
#1 Tetrachloro-m-xylene

R.T.: 4.172 min
Delta R.T.: 0.000 min
Response: 253352085
Conc: 26.52 ng/ml



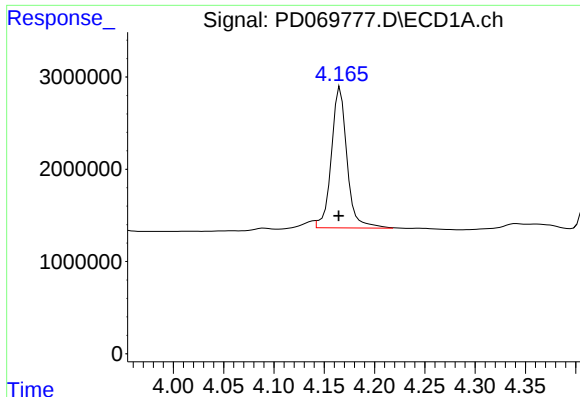
#2 alpha-BHC

R.T.: 3.883 min
Delta R.T.: 0.000 min
Response: 14473514
Conc: 9.69 ng/ml



#2 alpha-BHC

R.T.: 4.568 min
Delta R.T.: -0.001 min
Response: 151109137
Conc: 10.83 ng/ml



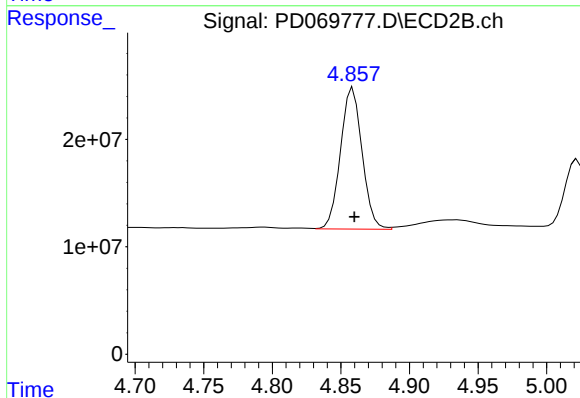
#3 gamma-BHC (Lindane)

R.T.: 4.165 min
Delta R.T.: 0.000 min
Response: 16449625
Conc: 11.14 ng/ml

Instrument :
ECD_D
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PB145021BSD

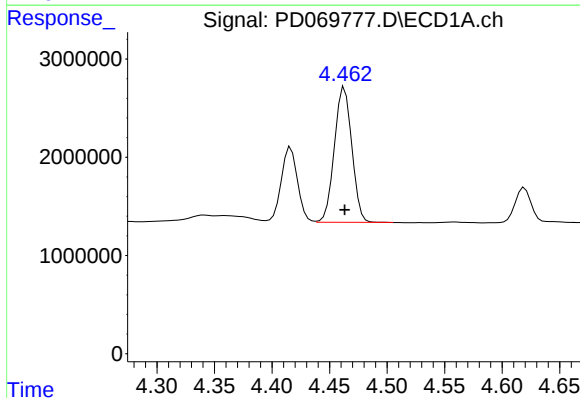
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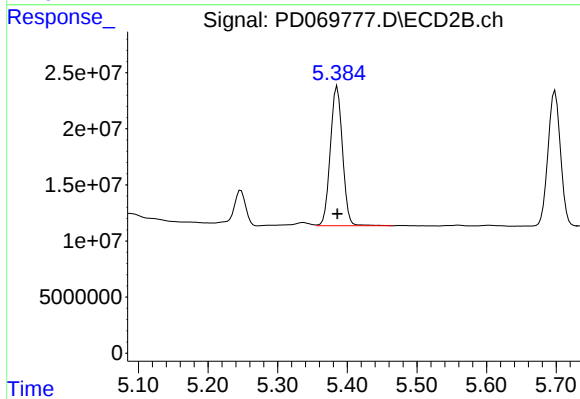
#3 gamma-BHC (Lindane)

R.T.: 4.859 min
Delta R.T.: -0.001 min
Response: 144243249
Conc: 11.26 ng/ml



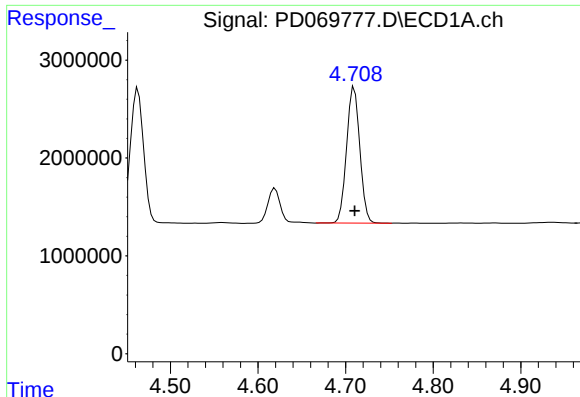
#4 Heptachlor

R.T.: 4.463 min
Delta R.T.: 0.000 min
Response: 14528586
Conc: 10.37 ng/ml



#4 Heptachlor

R.T.: 5.386 min
Delta R.T.: 0.000 min
Response: 151103242
Conc: 12.16 ng/ml



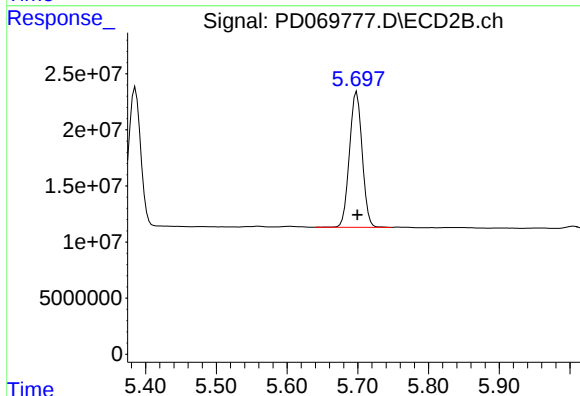
#5 Aldrin

R.T.: 4.710 min
Delta R.T.: 0.000 min
Response: 14604443
Conc: 10.84 ng/ml

Instrument :
ECD_D
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PB145021BSD

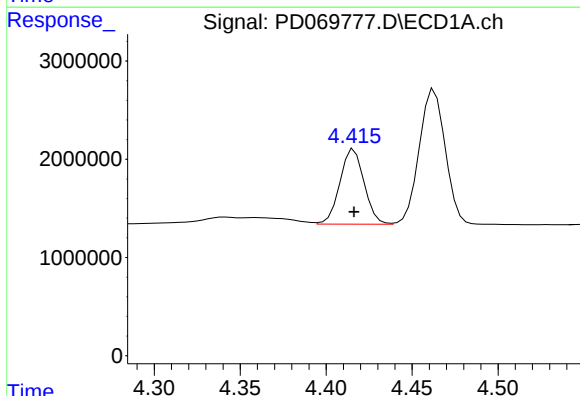
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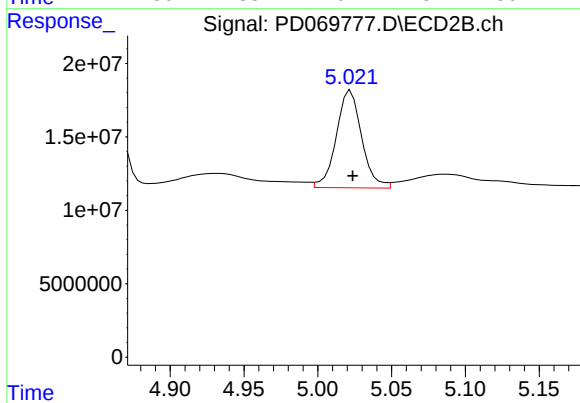
#5 Aldrin

R.T.: 5.699 min
Delta R.T.: -0.001 min
Response: 150909280
Conc: 12.52 ng/ml



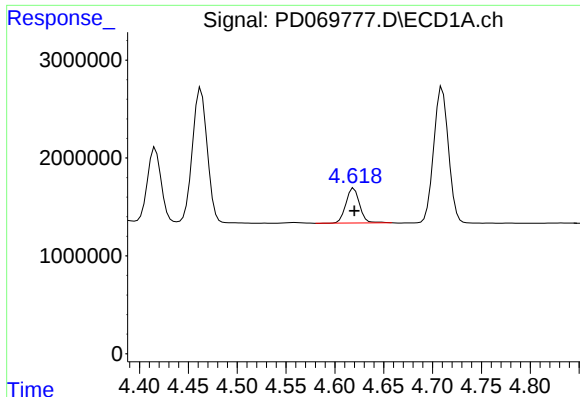
#6 beta-BHC

R.T.: 4.416 min
Delta R.T.: 0.000 min
Response: 7489189
Conc: 11.50 ng/ml



#6 beta-BHC

R.T.: 5.022 min
Delta R.T.: -0.001 min
Response: 79156104
Conc: 14.10 ng/ml



#7 delta-BHC

R.T.: 4.619 min
Delta R.T.: 0.000 min
Response: 3480682
Conc: 2.49 ng/ml

Instrument :

ECD_D

ClientSampleId :

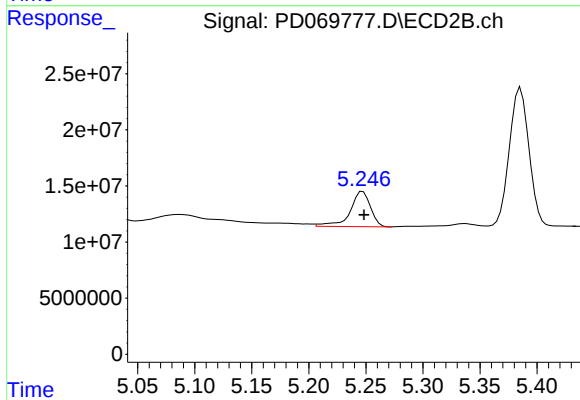
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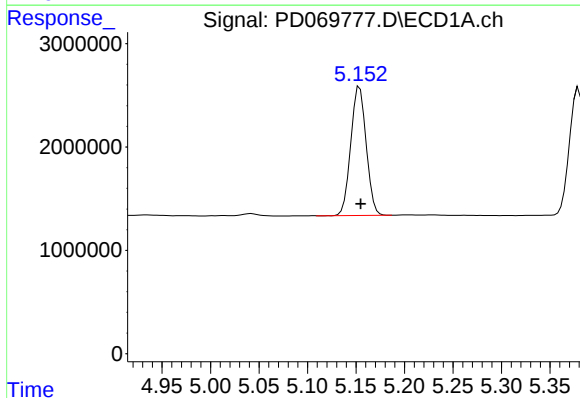
Reviewed By :Abdul Mirza 05/23/2022

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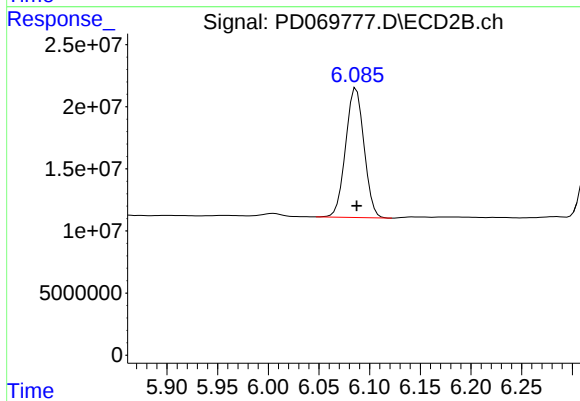
#7 delta-BHC

R.T.: 5.247 min
Delta R.T.: -0.001 min
Response: 39196747
Conc: 4.35 ng/ml



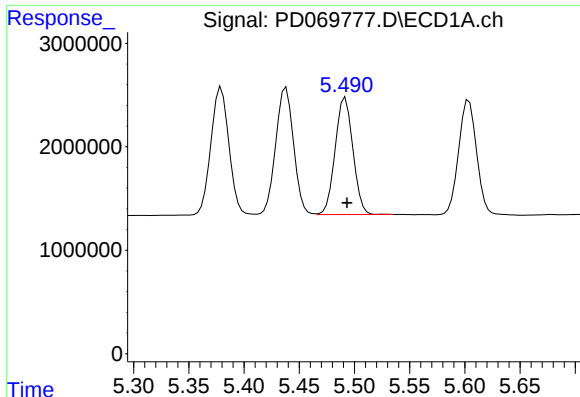
#8 Heptachlor epoxide

R.T.: 5.154 min
Delta R.T.: 0.000 min
Response: 13771904
Conc: 10.88 ng/ml



#8 Heptachlor epoxide

R.T.: 6.087 min
Delta R.T.: 0.000 min
Response: 131551621
Conc: 14.74 ng/ml



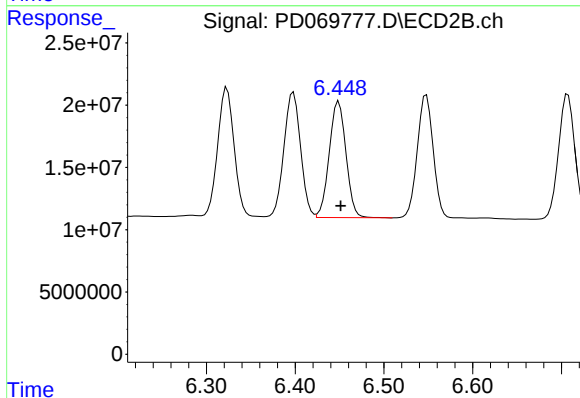
#9 Endosulfan I

R.T.: 5.492 min
Delta R.T.: -0.001 min
Response: 12684212
Conc: 10.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB145021BSD

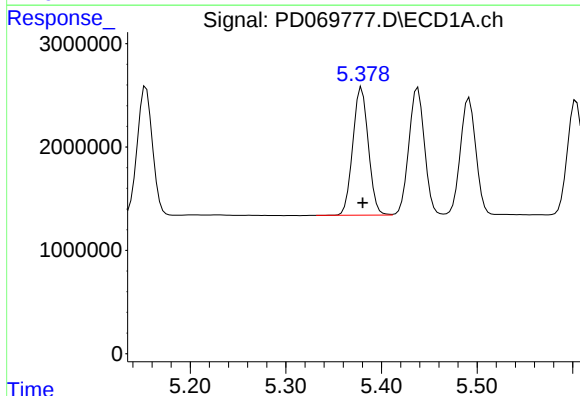
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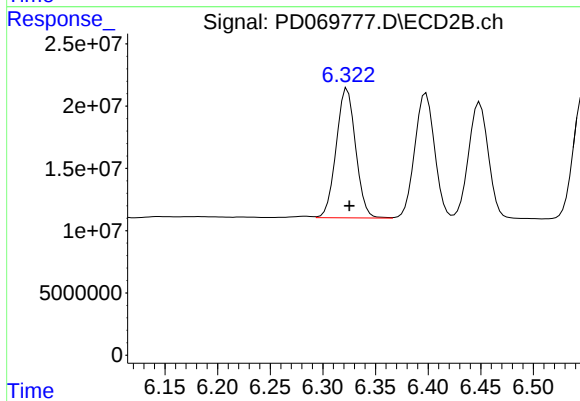
#9 Endosulfan I

R.T.: 6.449 min
Delta R.T.: -0.002 min
Response: 122299154
Conc: 12.34 ng/ml



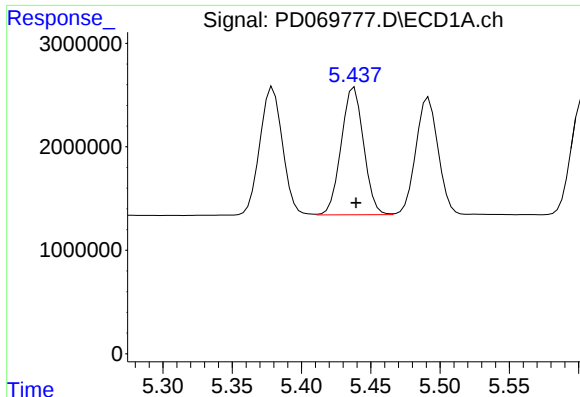
#10 gamma-Chlordane

R.T.: 5.379 min
Delta R.T.: -0.001 min
Response: 14016046
Conc: 10.96 ng/ml



#10 gamma-Chlordane

R.T.: 6.323 min
Delta R.T.: -0.002 min
Response: 133912814
Conc: 12.51 ng/ml



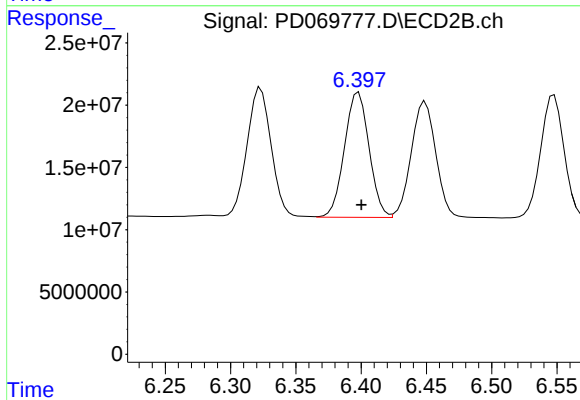
#11 alpha-Chlordane

R.T.: 5.438 min
Delta R.T.: -0.001 min
Response: 13898838
Conc: 10.98 ng/ml

Instrument :
ECD_D
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PB145021BSD

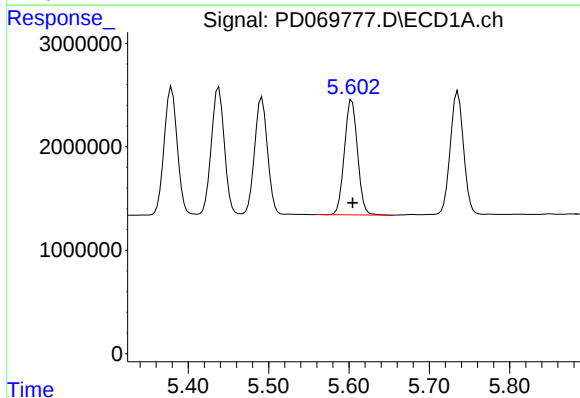
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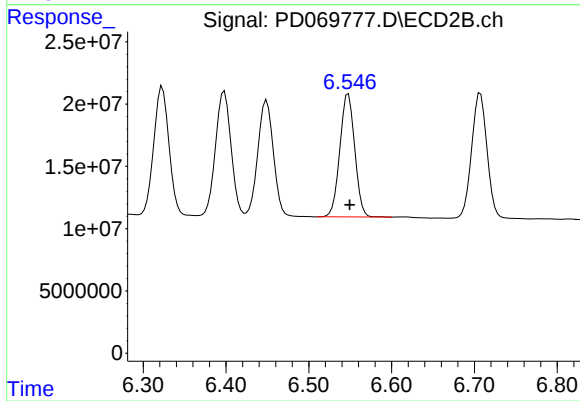
#11 alpha-Chlordane

R.T.: 6.398 min
Delta R.T.: -0.002 min
Response: 131553768
Conc: 12.53 ng/ml



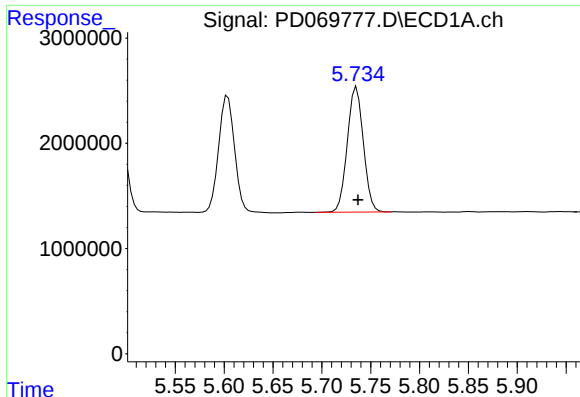
#12 4,4'-DDE

R.T.: 5.604 min
Delta R.T.: 0.000 min
Response: 12620812
Conc: 10.90 ng/ml



#12 4,4'-DDE

R.T.: 6.548 min
Delta R.T.: -0.002 min
Response: 123500681
Conc: 12.44 ng/ml



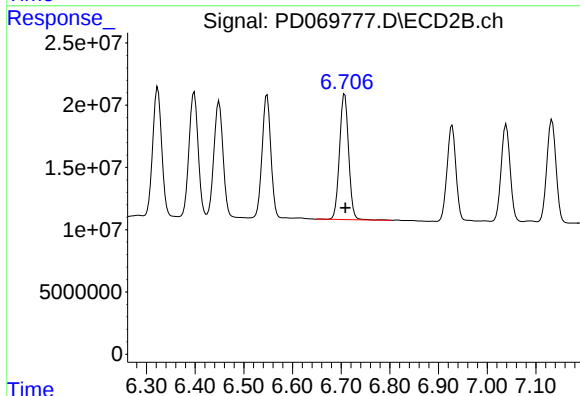
#13 Dieldrin

R.T.: 5.736 min
Delta R.T.: -0.002 min
Response: 13617727
Conc: 11.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB145021BSD

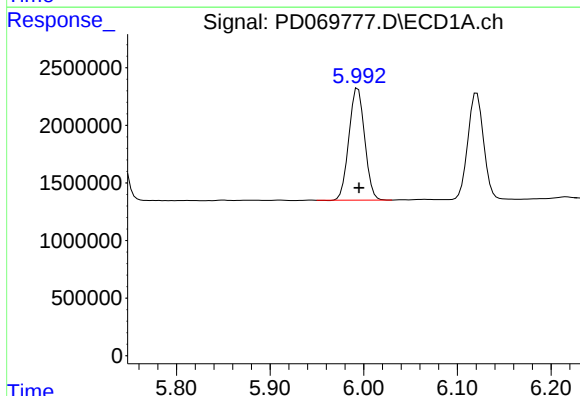
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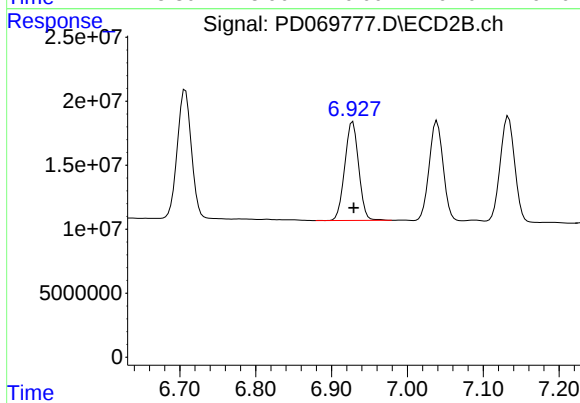
#13 Dieldrin

R.T.: 6.707 min
Delta R.T.: -0.002 min
Response: 131350438
Conc: 12.83 ng/ml



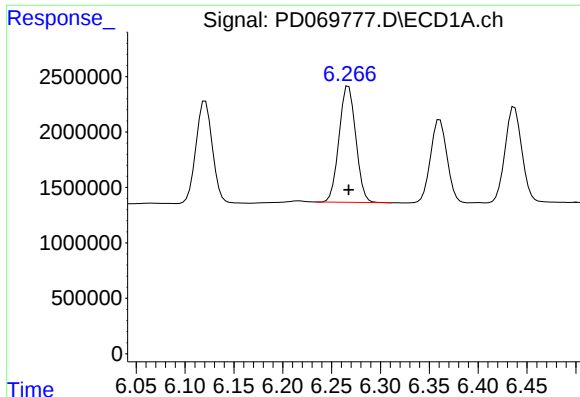
#14 Endrin

R.T.: 5.994 min
Delta R.T.: -0.001 min
Response: 11381466
Conc: 10.24 ng/ml



#14 Endrin

R.T.: 6.928 min
Delta R.T.: -0.001 min
Response: 98282478
Conc: 12.09 ng/ml



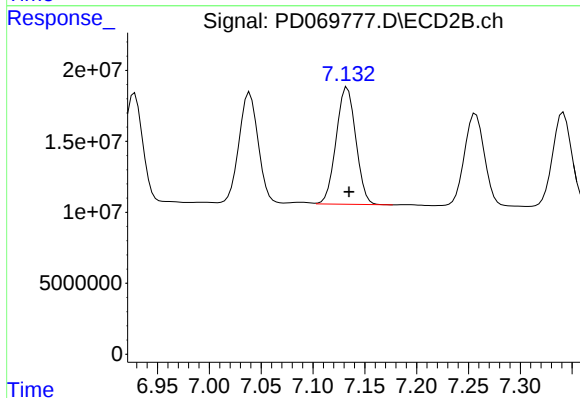
#15 Endosulfan II

R.T.: 6.267 min
Delta R.T.: 0.000 min
Response: 12516309
Conc: 11.97 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB145021BSD

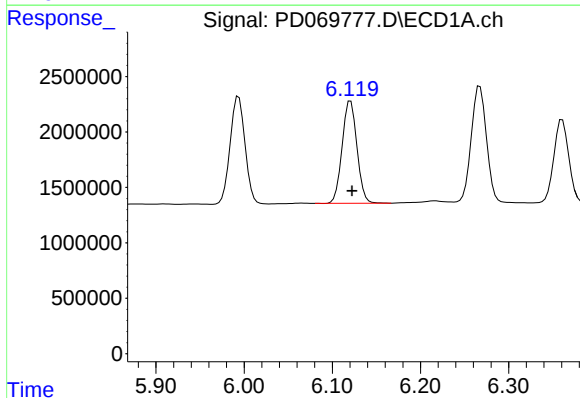
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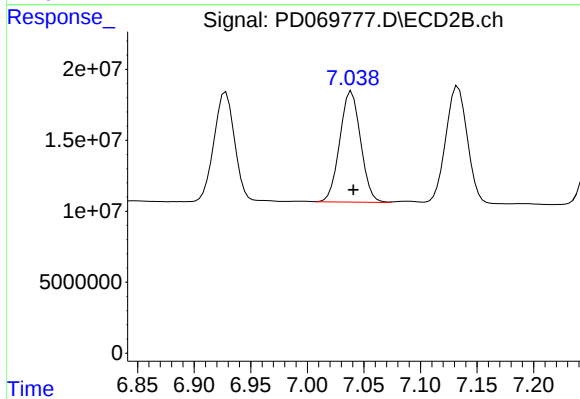
#15 Endosulfan II

R.T.: 7.133 min
Delta R.T.: -0.002 min
Response: 109042578
Conc: 13.26 ng/ml



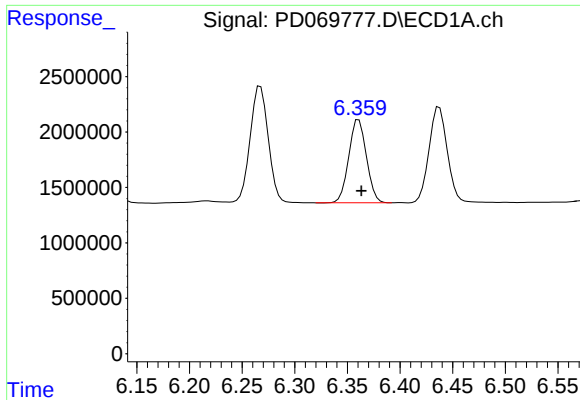
#16 4,4'-DDD

R.T.: 6.121 min
Delta R.T.: -0.002 min
Response: 10769705
Conc: 10.82 ng/ml



#16 4,4'-DDD

R.T.: 7.039 min
Delta R.T.: -0.002 min
Response: 100023280
Conc: 12.34 ng/ml



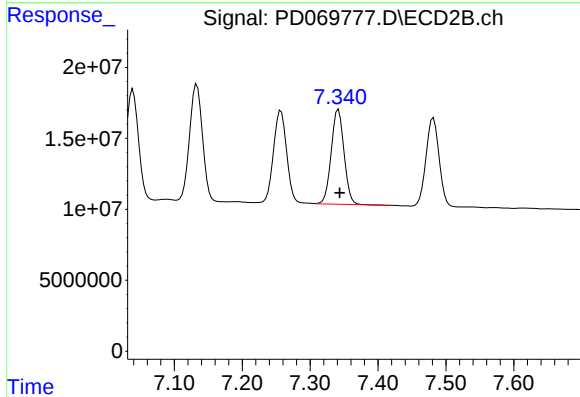
#17 4,4'-DDT

R.T.: 6.361 min
Delta R.T.: -0.002 min
Response: 8800649
Conc: 9.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB145021BSD

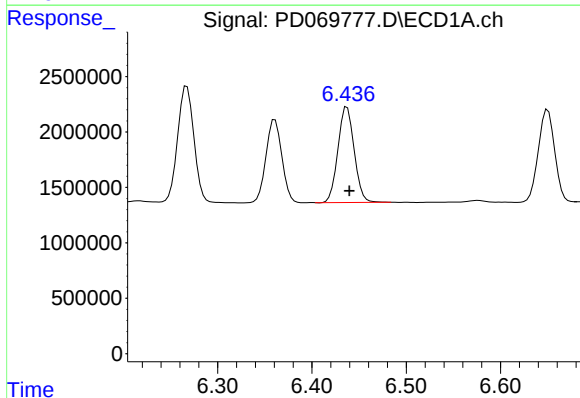
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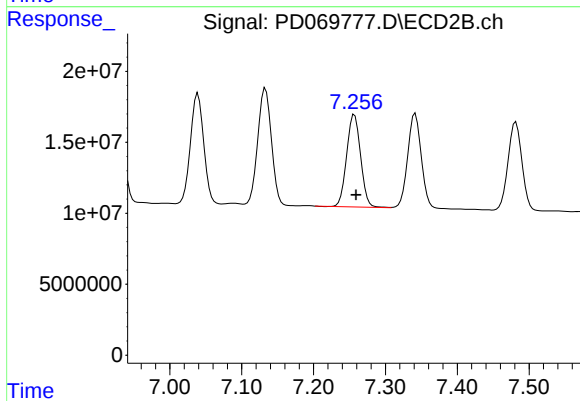
#17 4,4'-DDT

R.T.: 7.342 min
Delta R.T.: -0.002 min
Response: 87703329
Conc: 10.66 ng/ml



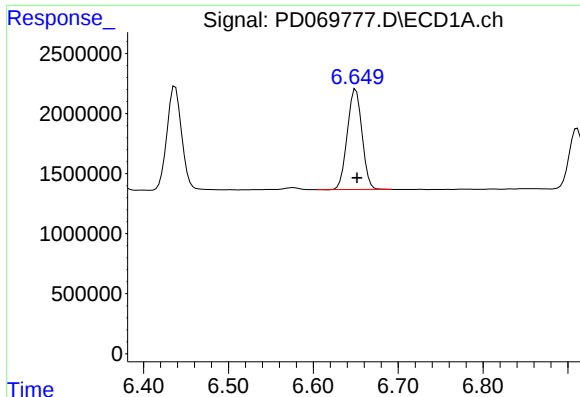
#18 Endrin aldehyde

R.T.: 6.437 min
Delta R.T.: -0.003 min
Response: 10332379
Conc: 12.02 ng/ml



#18 Endrin aldehyde

R.T.: 7.257 min
Delta R.T.: -0.002 min
Response: 87625103
Conc: 13.73 ng/ml



#19 Endosulfan Sulfate

R.T.: 6.650 min
Delta R.T.: -0.001 min
Response: 10043559
Conc: 9.13 ng/ml

Instrument :

ECD_D

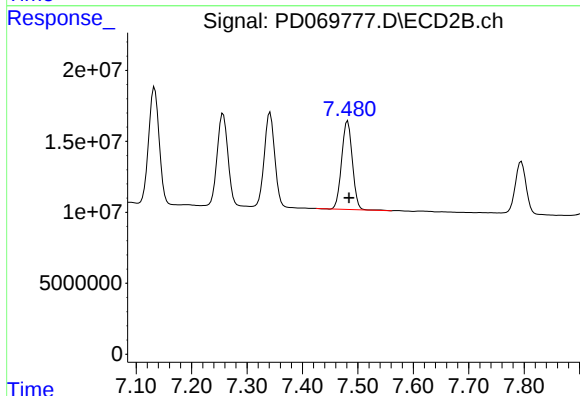
ClientSampleId :

PB145021BSD

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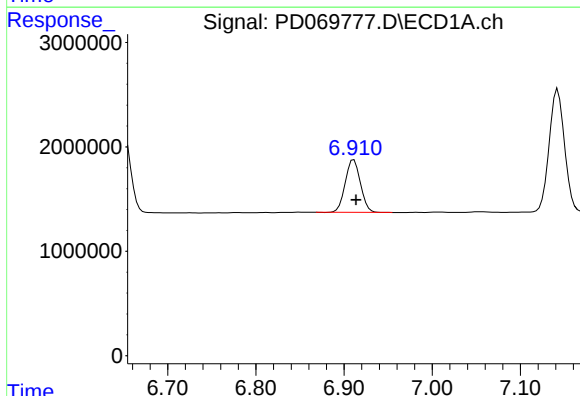
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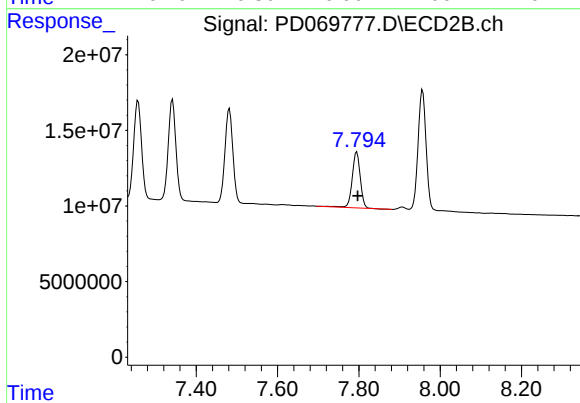
#19 Endosulfan Sulfate

R.T.: 7.482 min
Delta R.T.: -0.003 min
Response: 83797513
Conc: 10.49 ng/ml



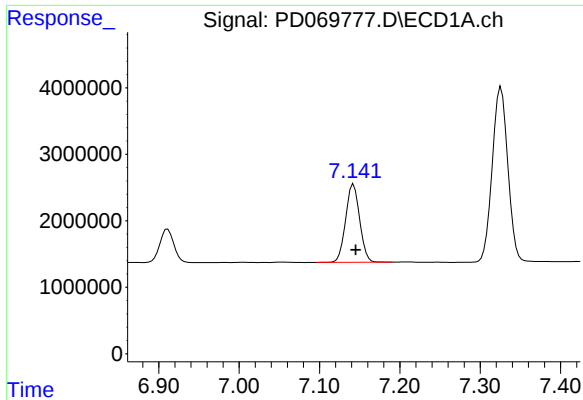
#20 Methoxychlor

R.T.: 6.911 min
Delta R.T.: -0.002 min
Response: 6044310
Conc: 10.49 ng/ml



#20 Methoxychlor

R.T.: 7.795 min
Delta R.T.: -0.003 min
Response: 51275496
Conc: 12.44 ng/ml



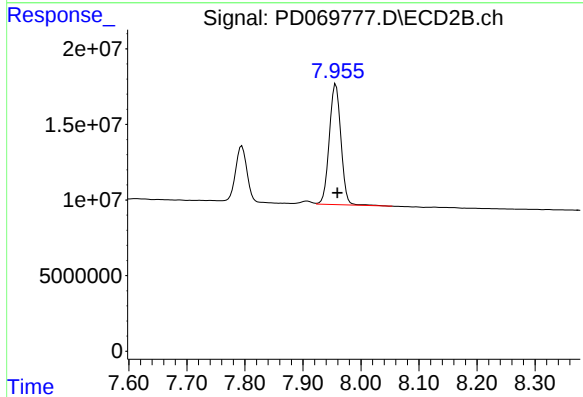
#21 Endrin ketone

R.T.: 7.143 min
Delta R.T.: -0.003 min
Response: 14240671
Conc: 11.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB145021BSD

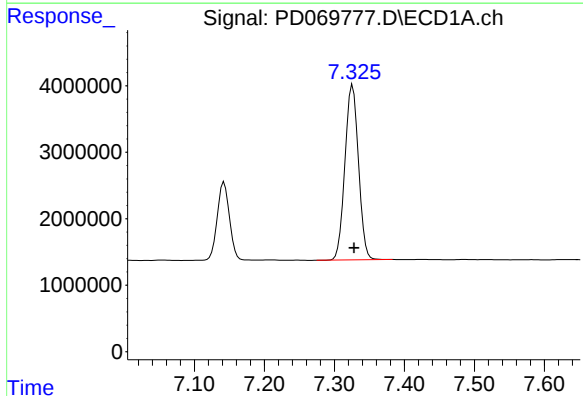
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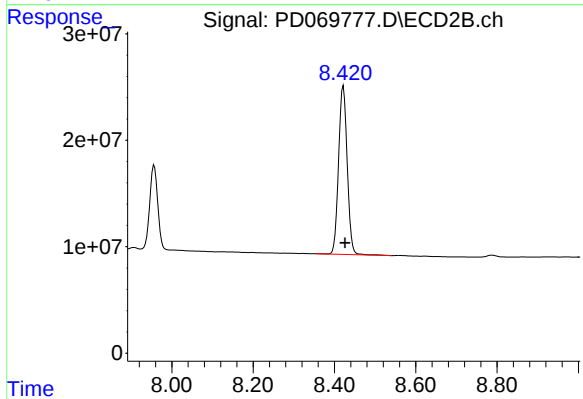
#21 Endrin ketone

R.T.: 7.957 min
Delta R.T.: -0.003 min
Response: 110971336
Conc: 13.28 ng/ml



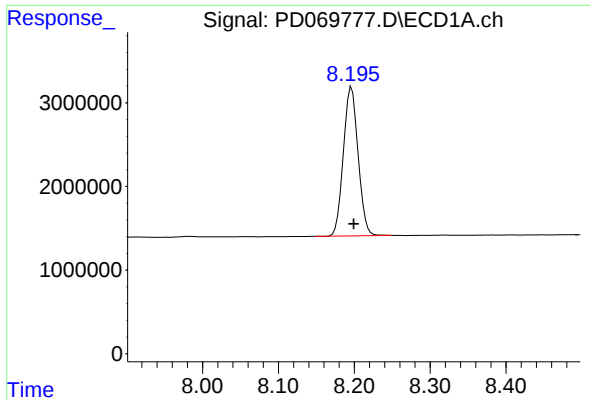
#22 Mirex

R.T.: 7.326 min
Delta R.T.: -0.002 min
Response: 35417104
Conc: 35.38 ng/ml



#22 Mirex

R.T.: 8.422 min
Delta R.T.: -0.004 min
Response: 232852957
Conc: 39.65 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.196 min
Delta R.T.: -0.003 min
Response: 24016709
Conc: 22.27 ng/ml

Instrument :

ECD_D

ClientSampleId :

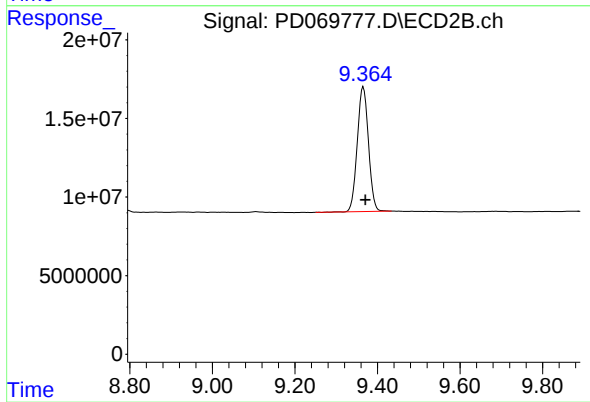
PB145021BSD

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 05/23/2022

Supervised By :Ankita Jodhani 05/23/2022



#28 Decachlorobiphenyl

R.T.: 9.366 min
Delta R.T.: -0.005 min
Response: 149110782
Conc: 24.88 ng/ml