

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031922\
 Data File : PD068696.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Mar 2022 17:46
 Operator : AR\AJ
 Sample : PB143363BS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB143363BS

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 00:49:17 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...	3.455	4.175	19407184	159.7E6	15.984	16.706
28)	SA Decachlor...	8.216	9.375	17755015	76732940	14.054	13.541
Target Compounds							
2)	A alpha-BHC	3.895	4.572	17983968	149.4E6	9.933	10.853
3)	MA gamma-BHC...	4.179	4.863	17013412	136.8E6	10.189	10.939
4)	MA Heptachlor	4.478	5.391	17766722	133.3E6	10.784	11.217
5)	MB Aldrin	4.725	5.704	16822730	125.8E6	10.527	10.962
6)	B beta-BHC	4.430	5.026	8619174	60195351	11.576	10.965
7)	B delta-BHC	4.634	5.251	16718660	125.3E6	10.230	10.417
8)	B Heptachlo...	5.170	6.090	16236127	120.6E6	10.857	11.549m
9)	A Endosulfan I	5.509	6.454	15067894	96679606	10.769	10.309m
10)	B gamma-Chl...	5.396	6.327	16282710	106.6E6	10.734	10.342m
11)	B alpha-Chl...	5.455	6.403	16107201	106.0E6	10.777	10.651m
12)	B 4,4'-DDE	5.620	6.553	14134193	93843180	10.332m	10.127
13)	MA Dieldrin	5.753	6.713	15030278	97349878	10.294	10.023
14)	MA Endrin	6.011	6.932	14589094	64009939	11.075	8.273 #
15)	B Endosulfa...	6.285	7.138	15693976	75799363	12.592	10.028
16)	A 4,4'-DDD	6.138	7.045	12301281	73974896	10.432	10.017
17)	MA 4,4'-DDT	6.379	7.348	11341744	71413348	9.436	9.720
18)	B Endrin al...	6.455	7.263	10127537	56541218	10.201	9.343
19)	B Endosulfa...	6.668	7.487	13324431	71896772	10.419	9.775
20)	A Methoxychlor	6.930	7.801	6793714	30842067	9.803	8.461
21)	B Endrin ke...	7.159	7.963	13783754	76890072	9.363m	9.923
22)	Mirex	7.345	8.429	11616869	63088323	9.802	11.510

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD031922\
Data File : PD068696.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Mar 2022 17:46
Operator : AR\AJ
Sample : PB143363BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

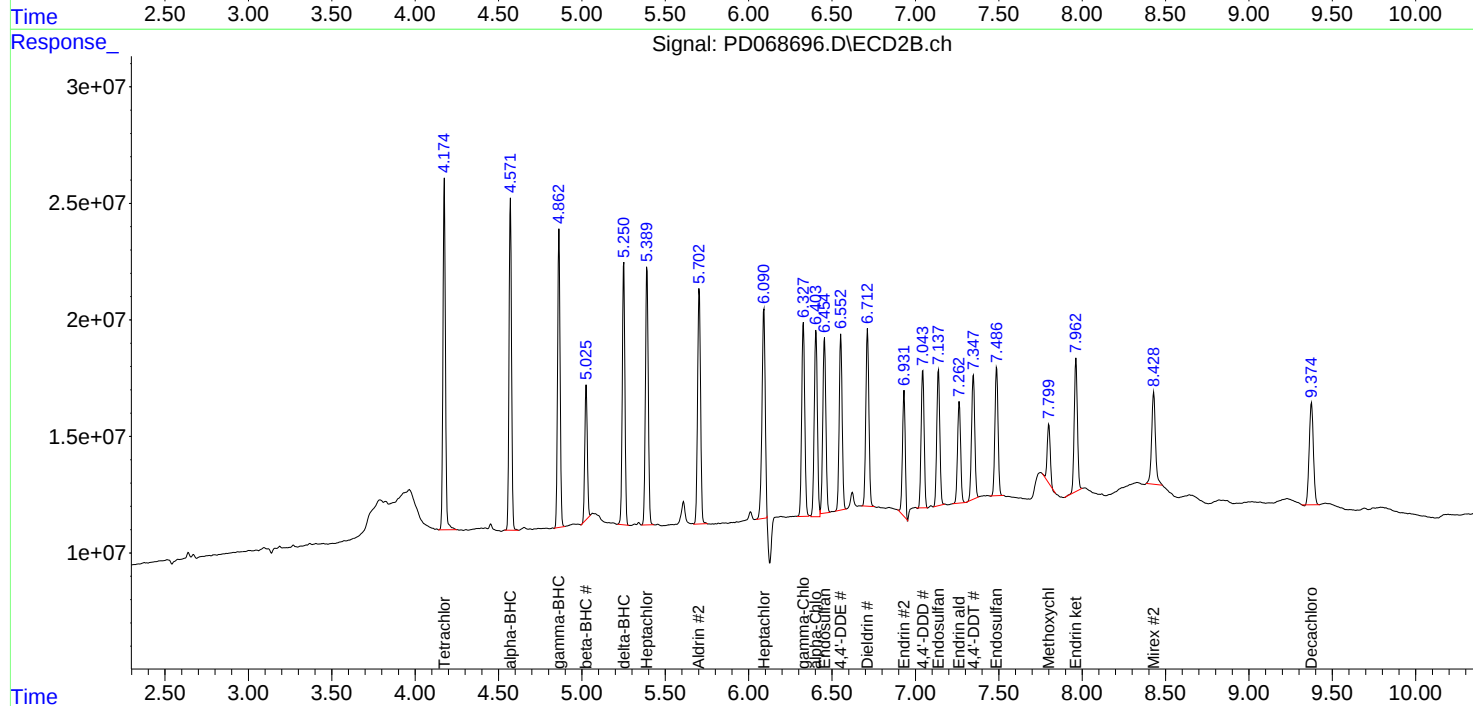
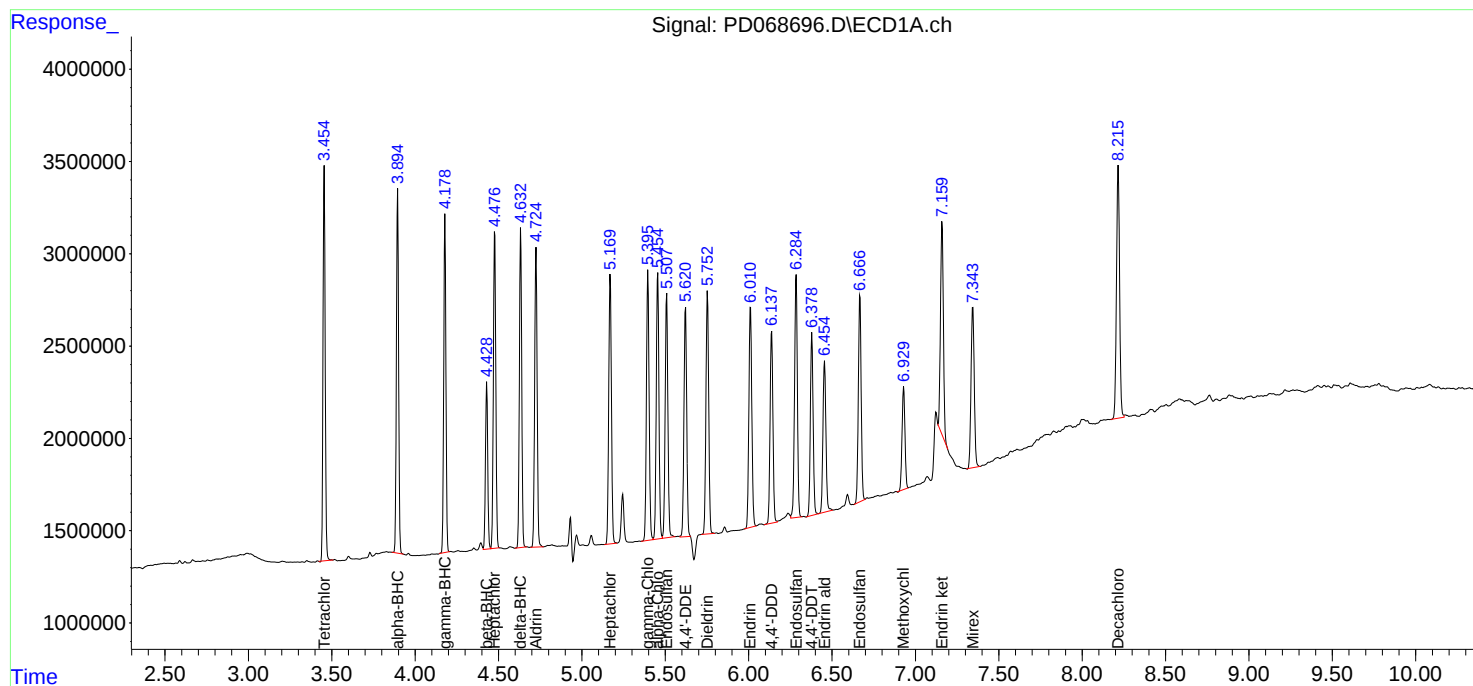
Instrument :
ECD_D
ClientSampleId :
PB143363BS

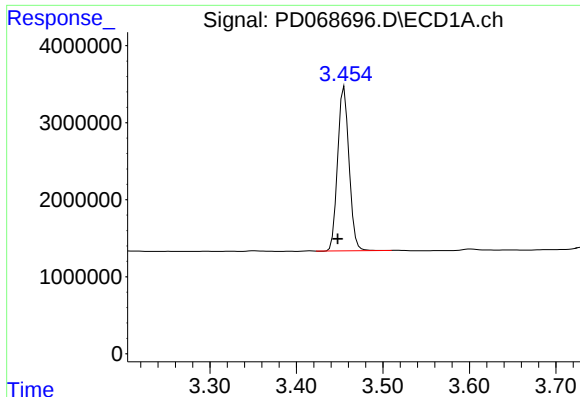
Manual Integrations
APPROVED

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 00:49:17 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.: 3.455 min
Delta R.T.: 0.007 min
Response: 19407184
Conc: 15.98 ng/ml

Instrument :

ECD_D

ClientSampleId :

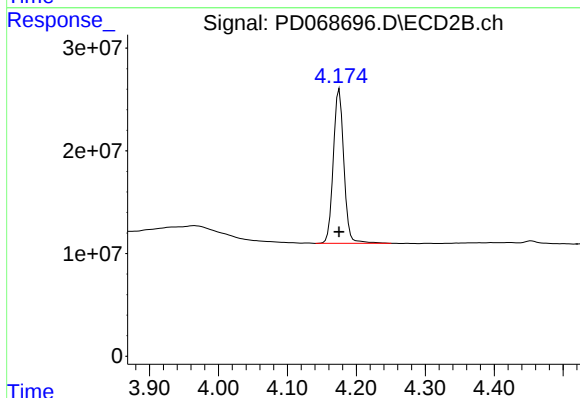
PB143363BS

Manual Integrations

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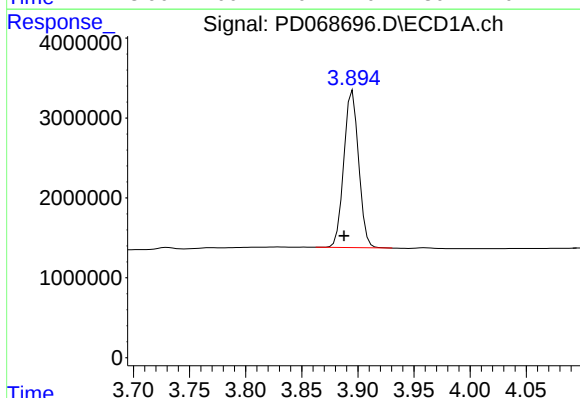
Reviewed By :Abdul Mirza 03/21/2022

Supervised By :mohammad ahmed 03/21/2022



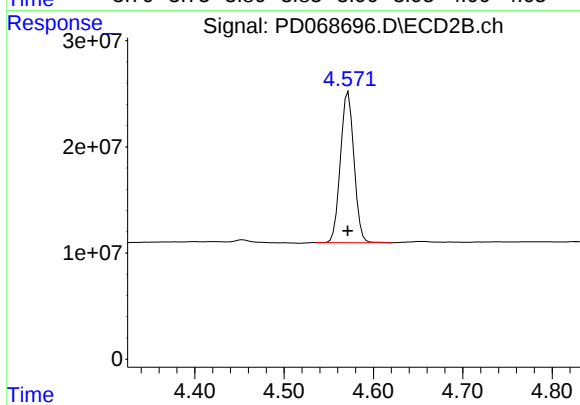
#1 Tetrachloro-m-xylene

R.T.: 4.175 min
Delta R.T.: 0.000 min
Response: 159724869
Conc: 16.71 ng/ml



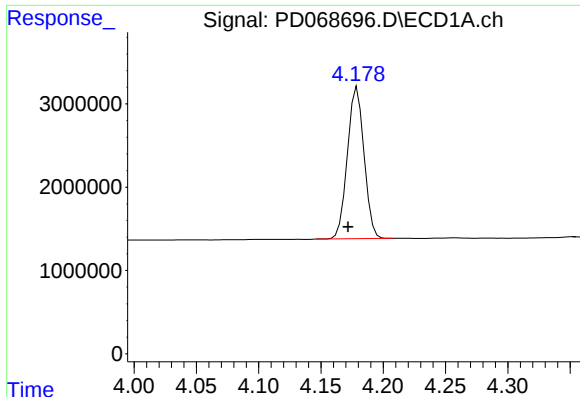
#2 alpha-BHC

R.T.: 3.895 min
Delta R.T.: 0.008 min
Response: 17983968
Conc: 9.93 ng/ml



#2 alpha-BHC

R.T.: 4.572 min
Delta R.T.: 0.000 min
Response: 149371617
Conc: 10.85 ng/ml



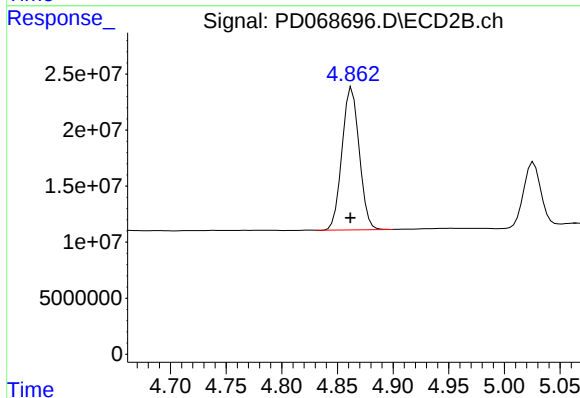
#3 gamma-BHC (Lindane)

R.T.: 4.179 min
Delta R.T.: 0.008 min
Response: 17013412
Conc: 10.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143363BS

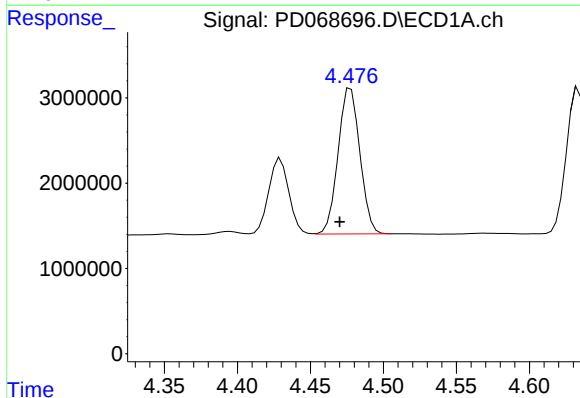
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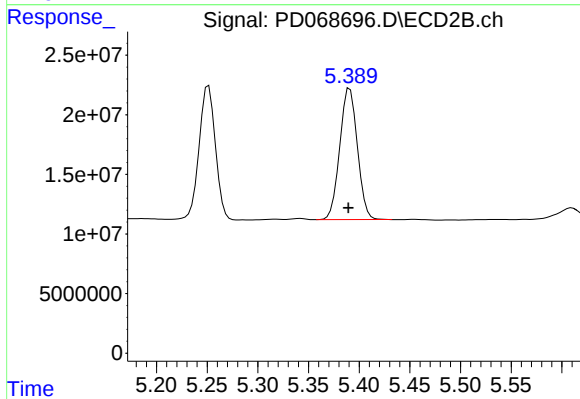
#3 gamma-BHC (Lindane)

R.T.: 4.863 min
Delta R.T.: 0.001 min
Response: 136776915
Conc: 10.94 ng/ml



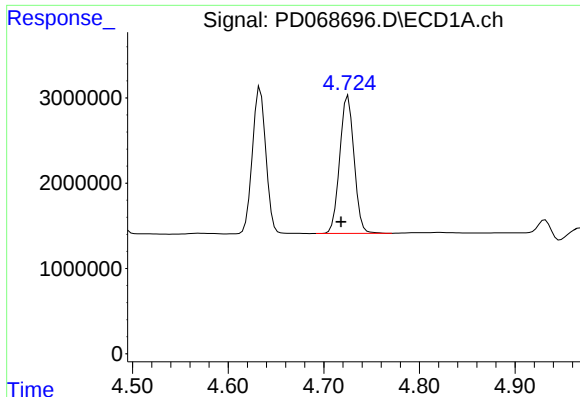
#4 Heptachlor

R.T.: 4.478 min
Delta R.T.: 0.008 min
Response: 17766722
Conc: 10.78 ng/ml



#4 Heptachlor

R.T.: 5.391 min
Delta R.T.: 0.001 min
Response: 133307079
Conc: 11.22 ng/ml



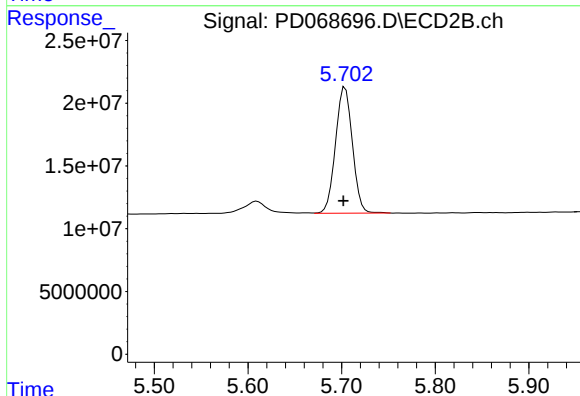
#5 Aldrin

R.T.: 4.725 min
Delta R.T.: 0.007 min
Response: 16822730
Conc: 10.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143363BS

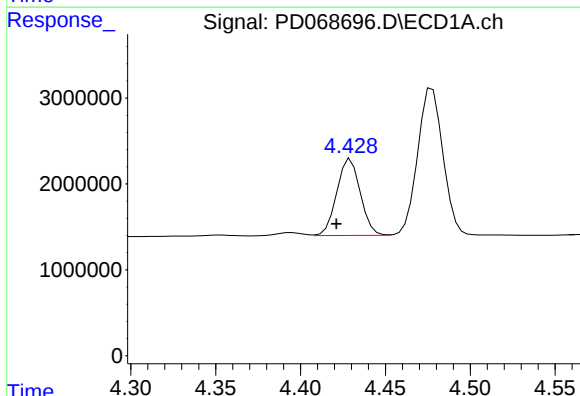
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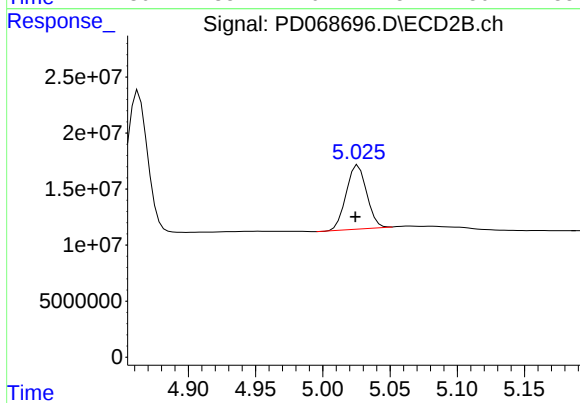
#5 Aldrin

R.T.: 5.704 min
Delta R.T.: 0.002 min
Response: 125830672
Conc: 10.96 ng/ml



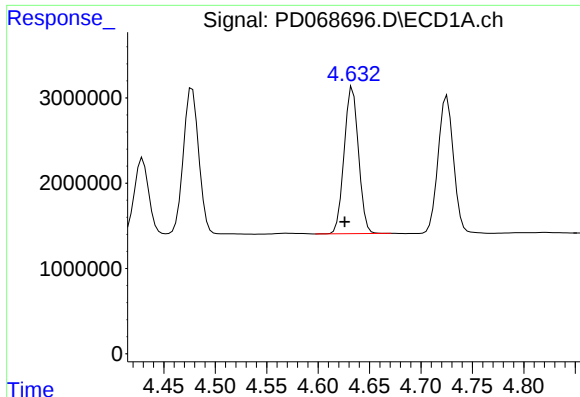
#6 beta-BHC

R.T.: 4.430 min
Delta R.T.: 0.009 min
Response: 8619174
Conc: 11.58 ng/ml



#6 beta-BHC

R.T.: 5.026 min
Delta R.T.: 0.002 min
Response: 60195351
Conc: 10.96 ng/ml



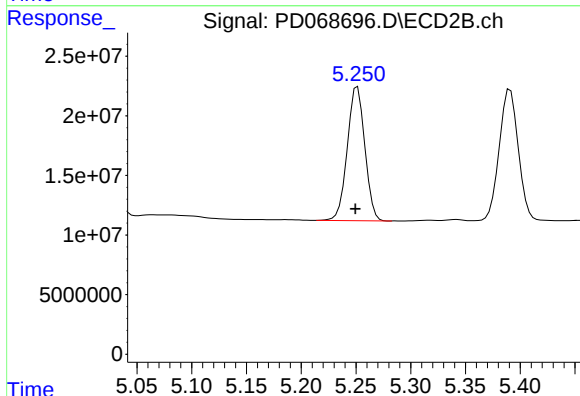
#7 delta-BHC

R.T.: 4.634 min
Delta R.T.: 0.008 min
Response: 16718660
Conc: 10.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143363BS

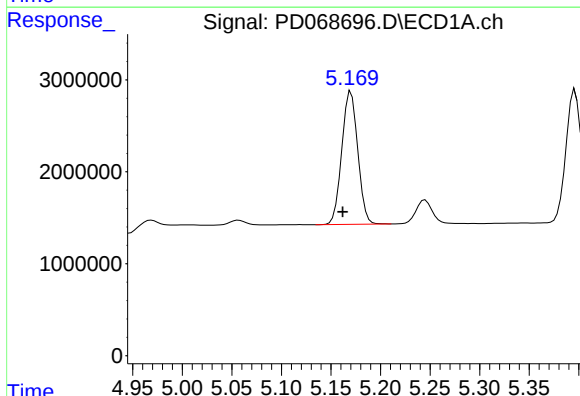
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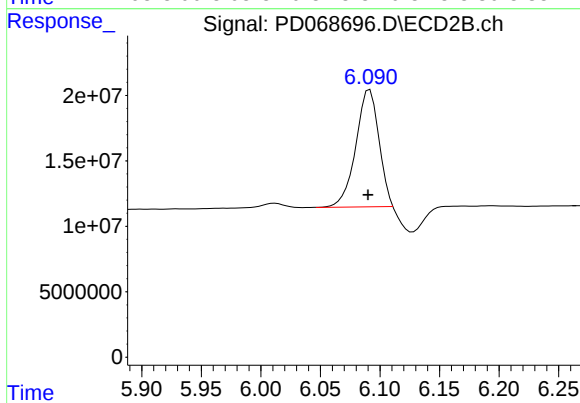
#7 delta-BHC

R.T.: 5.251 min
Delta R.T.: 0.002 min
Response: 125269996
Conc: 10.42 ng/ml



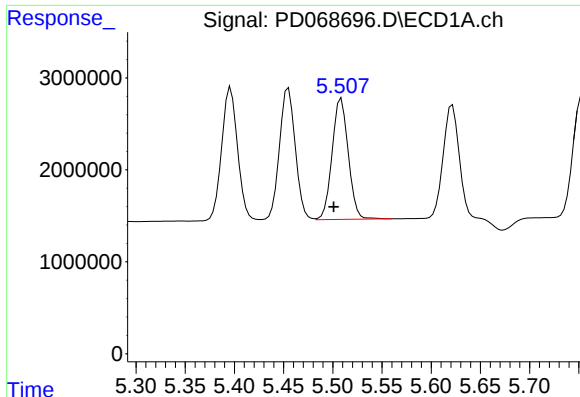
#8 Heptachlor epoxide

R.T.: 5.170 min
Delta R.T.: 0.008 min
Response: 16236127
Conc: 10.86 ng/ml



#8 Heptachlor epoxide

R.T.: 6.090 min
Delta R.T.: 0.000 min
Response: 120600360
Conc: 11.55 ng/ml m



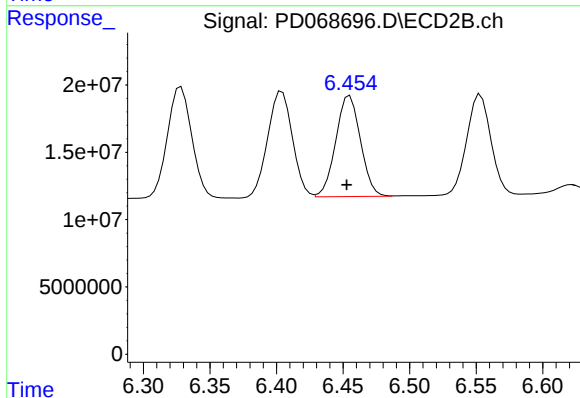
#9 Endosulfan I

R.T.: 5.509 min
Delta R.T.: 0.008 min
Response: 15067894
Conc: 10.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143363BS

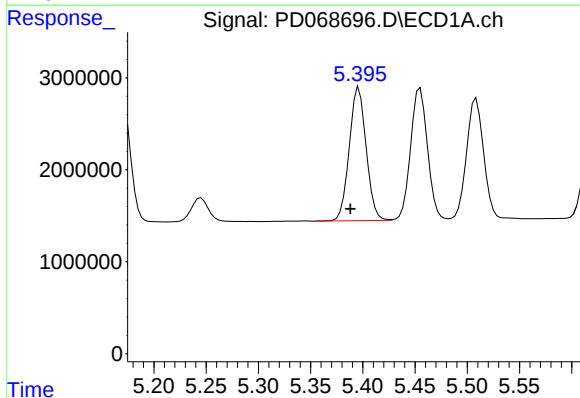
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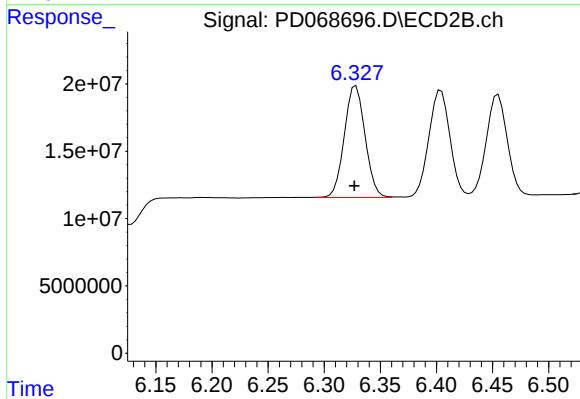
#9 Endosulfan I

R.T.: 6.454 min
Delta R.T.: 0.000 min
Response: 96679606
Conc: 10.31 ng/ml m



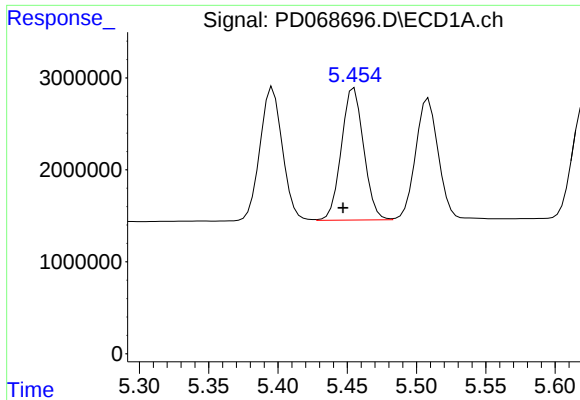
#10 gamma-Chlordane

R.T.: 5.396 min
Delta R.T.: 0.008 min
Response: 16282710
Conc: 10.73 ng/ml



#10 gamma-Chlordane

R.T.: 6.327 min
Delta R.T.: 0.000 min
Response: 106599531
Conc: 10.34 ng/ml m



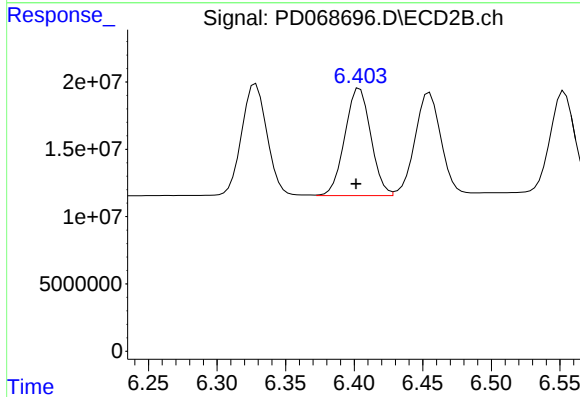
#11 alpha-Chlordane

R.T.: 5.455 min
Delta R.T.: 0.008 min
Response: 16107201
Conc: 10.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143363BS

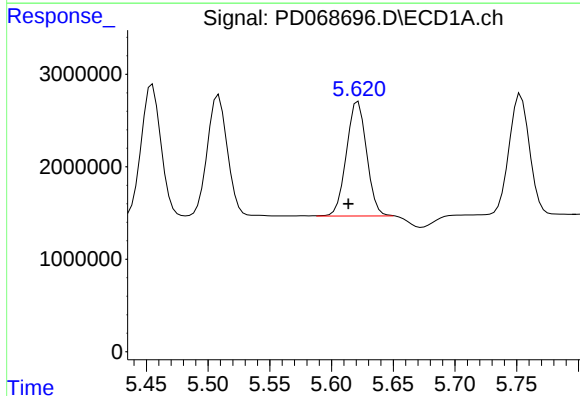
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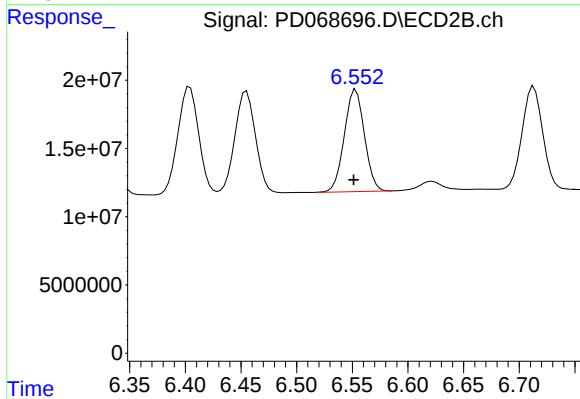
#11 alpha-Chlordane

R.T.: 6.403 min
Delta R.T.: 0.001 min
Response: 106040147
Conc: 10.65 ng/ml m



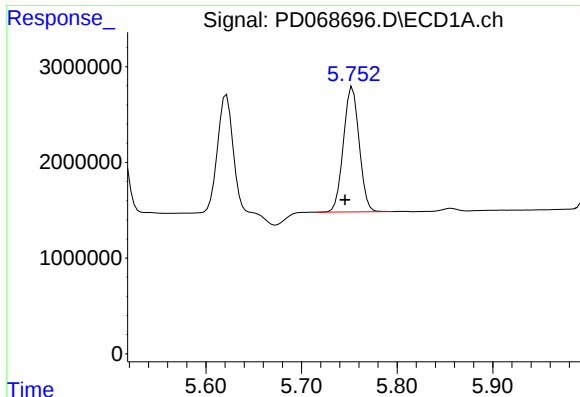
#12 4,4'-DDE

R.T.: 5.620 min
Delta R.T.: 0.006 min
Response: 14134193
Conc: 10.33 ng/ml m



#12 4,4'-DDE

R.T.: 6.553 min
Delta R.T.: 0.002 min
Response: 93843180
Conc: 10.13 ng/ml



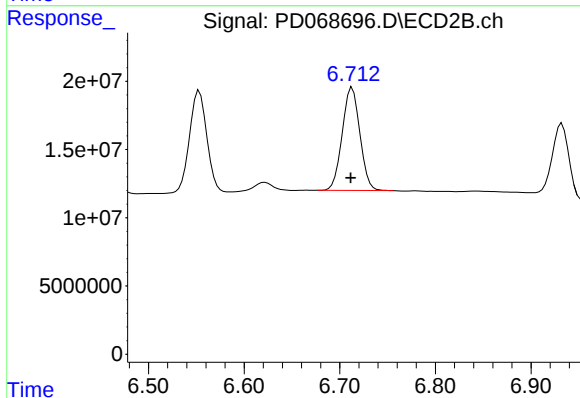
#13 Dieldrin

R.T.: 5.753 min
Delta R.T.: 0.008 min
Response: 15030278
Conc: 10.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143363BS

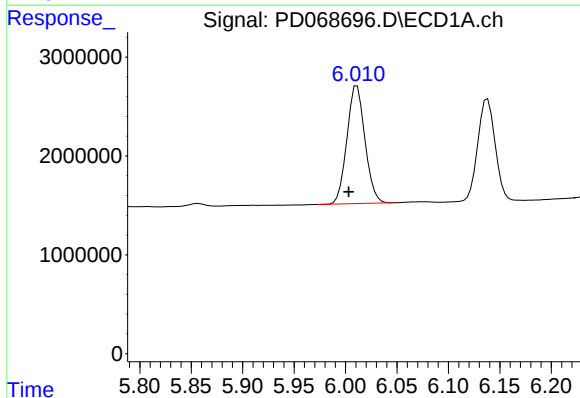
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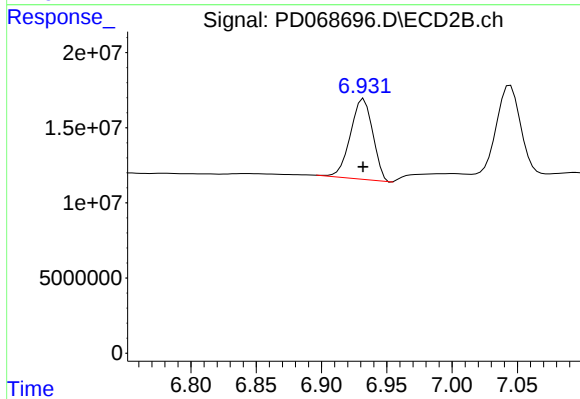
#13 Dieldrin

R.T.: 6.713 min
Delta R.T.: 0.002 min
Response: 97349878
Conc: 10.02 ng/ml



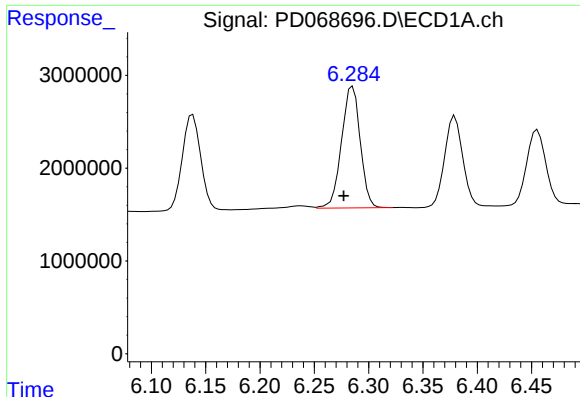
#14 Endrin

R.T.: 6.011 min
Delta R.T.: 0.008 min
Response: 14589094
Conc: 11.07 ng/ml



#14 Endrin

R.T.: 6.932 min
Delta R.T.: 0.000 min
Response: 64009939
Conc: 8.27 ng/ml



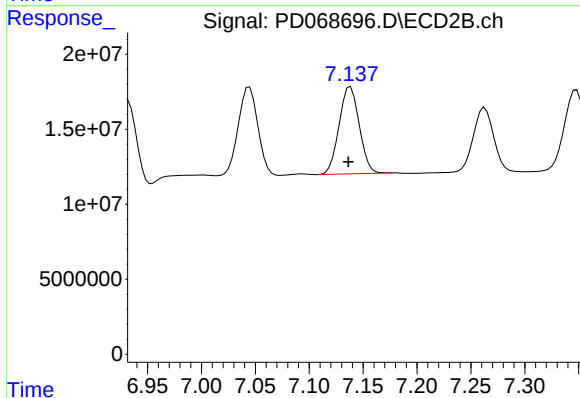
#15 Endosulfan II

R.T.: 6.285 min
Delta R.T.: 0.008 min
Response: 15693976
Conc: 12.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143363BS

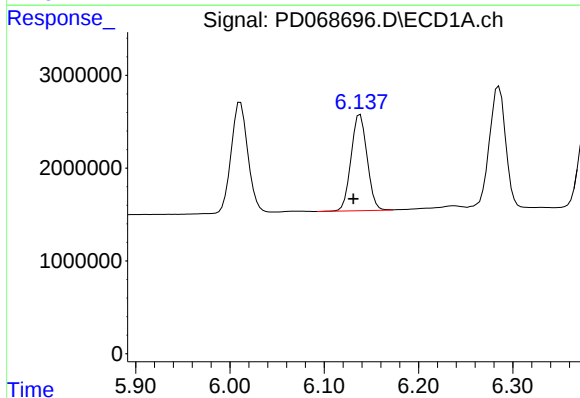
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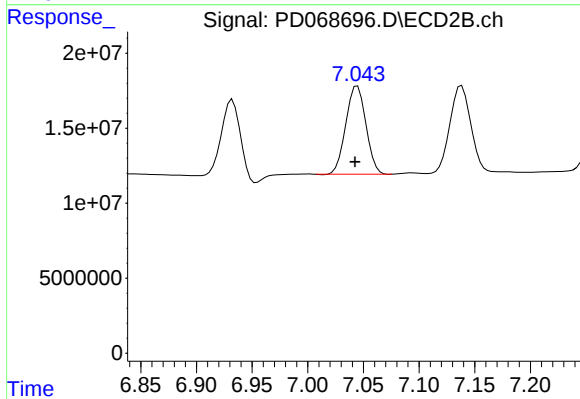
#15 Endosulfan II

R.T.: 7.138 min
Delta R.T.: 0.002 min
Response: 75799363
Conc: 10.03 ng/ml



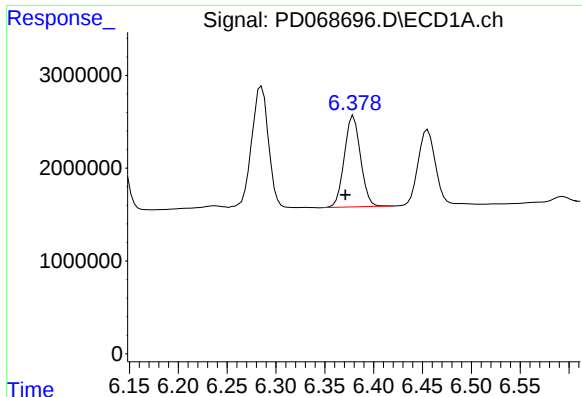
#16 4,4'-DDD

R.T.: 6.138 min
Delta R.T.: 0.007 min
Response: 12301281
Conc: 10.43 ng/ml



#16 4,4'-DDD

R.T.: 7.045 min
Delta R.T.: 0.002 min
Response: 73974896
Conc: 10.02 ng/ml



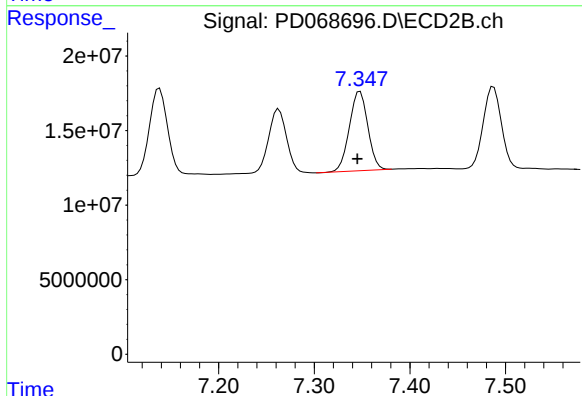
#17 4,4'-DDT

R.T.: 6.379 min
Delta R.T.: 0.008 min
Response: 11341744
Conc: 9.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143363BS

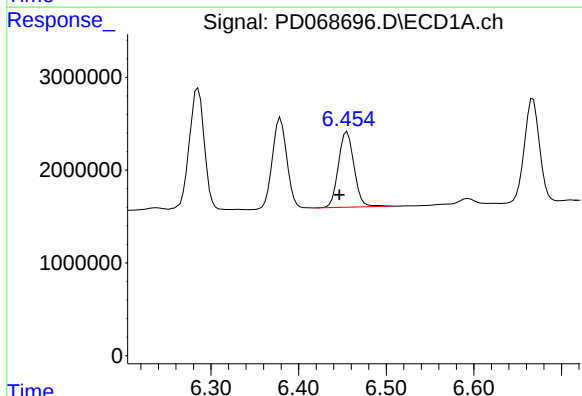
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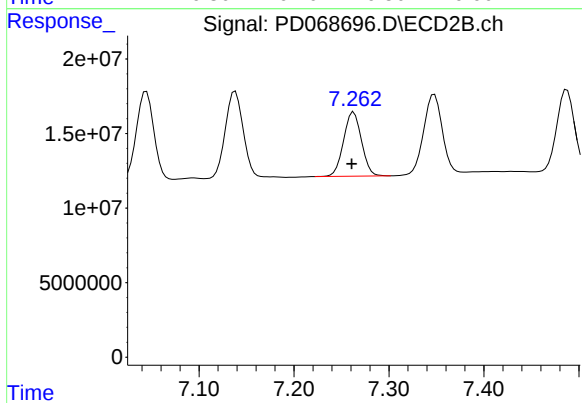
#17 4,4'-DDT

R.T.: 7.348 min
Delta R.T.: 0.003 min
Response: 71413348
Conc: 9.72 ng/ml



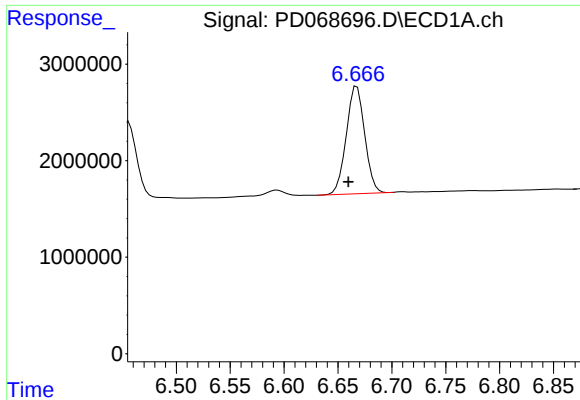
#18 Endrin aldehyde

R.T.: 6.455 min
Delta R.T.: 0.009 min
Response: 10127537
Conc: 10.20 ng/ml



#18 Endrin aldehyde

R.T.: 7.263 min
Delta R.T.: 0.002 min
Response: 56541218
Conc: 9.34 ng/ml



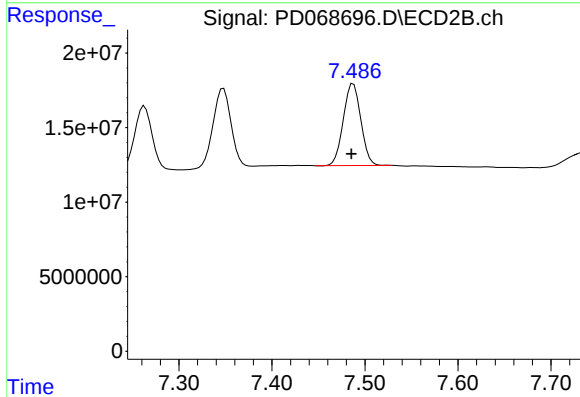
#19 Endosulfan Sulfate

R.T.: 6.668 min
Delta R.T.: 0.008 min
Response: 13324431
Conc: 10.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143363BS

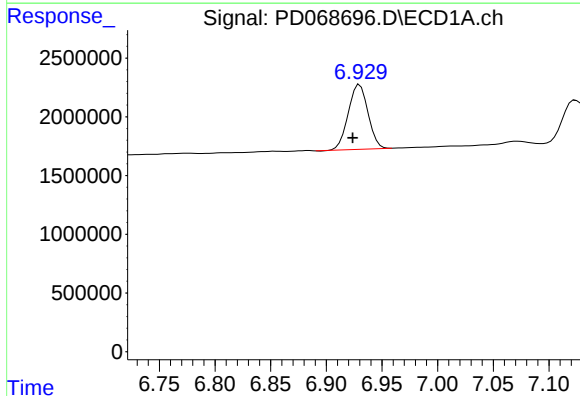
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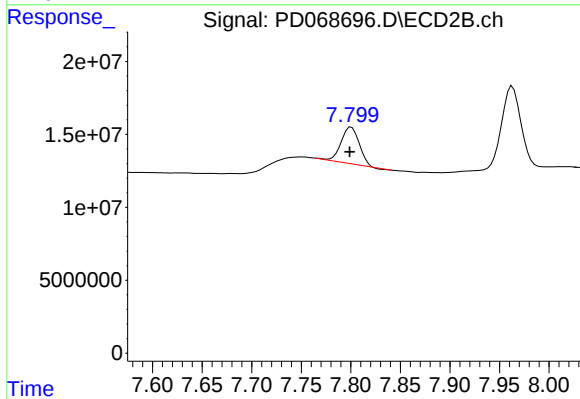
#19 Endosulfan Sulfate

R.T.: 7.487 min
Delta R.T.: 0.002 min
Response: 71896772
Conc: 9.78 ng/ml



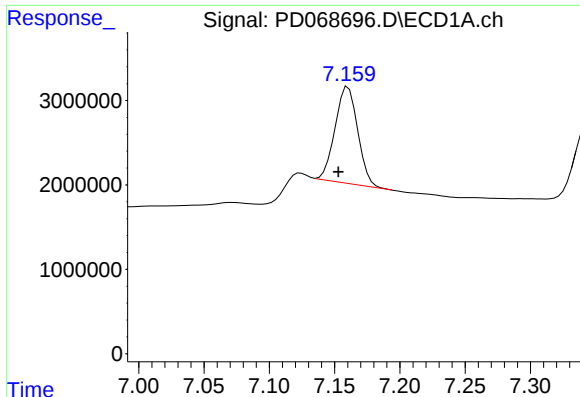
#20 Methoxychlor

R.T.: 6.930 min
Delta R.T.: 0.006 min
Response: 6793714
Conc: 9.80 ng/ml



#20 Methoxychlor

R.T.: 7.801 min
Delta R.T.: 0.002 min
Response: 30842067
Conc: 8.46 ng/ml



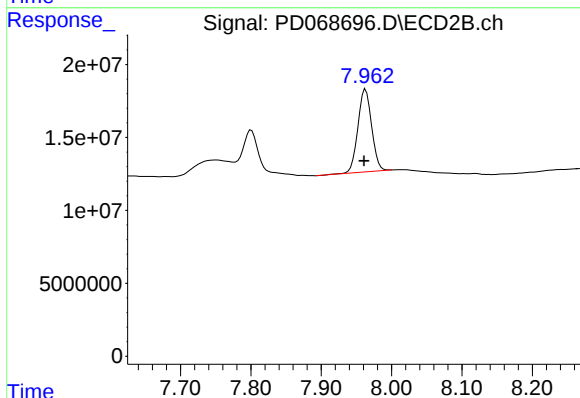
#21 Endrin ketone

R.T.: 7.159 min
Delta R.T.: 0.006 min
Response: 13783754
Conc: 9.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB143363BS

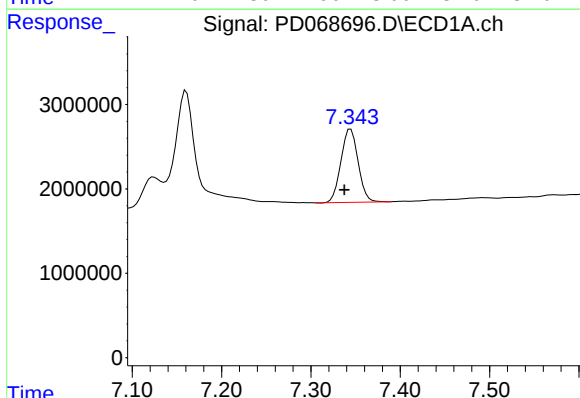
Manual Integrations
APPROVED

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



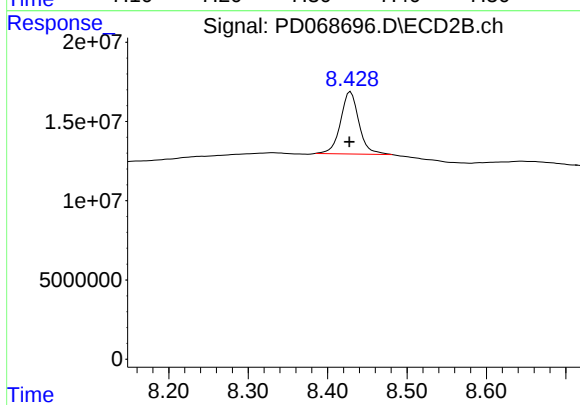
#21 Endrin ketone

R.T.: 7.963 min
Delta R.T.: 0.002 min
Response: 76890072
Conc: 9.92 ng/ml



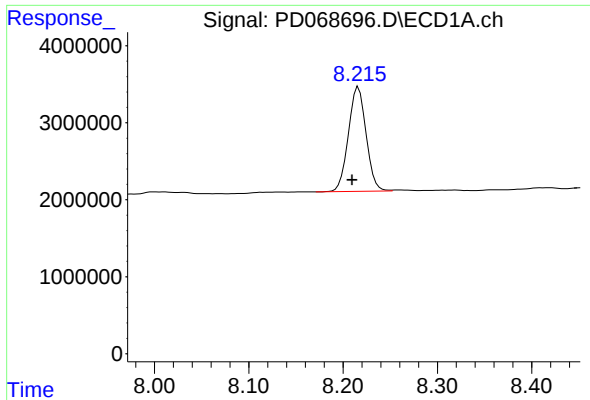
#22 Mirex

R.T.: 7.345 min
Delta R.T.: 0.007 min
Response: 11616869
Conc: 9.80 ng/ml



#22 Mirex

R.T.: 8.429 min
Delta R.T.: 0.002 min
Response: 63088323
Conc: 11.51 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.216 min
Delta R.T.: 0.007 min
Response: 17755015
Conc: 14.05 ng/ml

Instrument :

ECD_D

ClientSampleId :

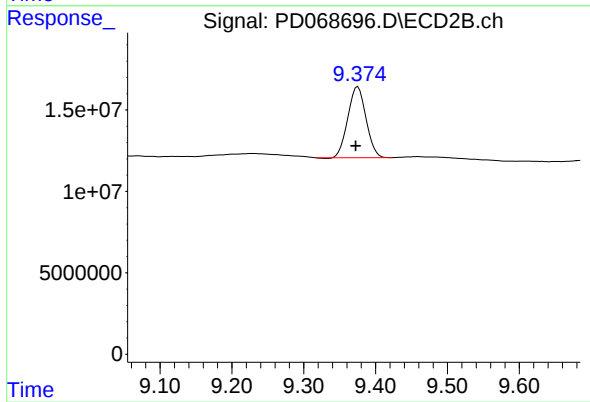
PB143363BS

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 9.375 min
Delta R.T.: 0.003 min
Response: 76732940
Conc: 13.54 ng/ml