

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041725\
 Data File : PL095285.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Apr 2025 15:38
 Operator : AR\AJ
 Sample : PB167633BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB167633BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/18/2025
 Supervised By :mohammad ahmed 04/18/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 18 00:27:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL041425.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 14 19:12:49 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.537	2.768	51782161	63960938	18.876	17.188
28) SA Decachlor...	9.053	7.900	48461299	87710352	20.128	19.938
Target Compounds						
2) A alpha-BHC	3.993	3.270	180.6E6	246.5E6	44.930	44.522
3) MA gamma-BHC...	4.326	3.600	174.2E6	234.6E6	45.292	44.571
4) MA Heptachlor	4.913	3.937	171.2E6	243.8E6	46.698	46.885
5) MB Aldrin	5.255	4.216	166.9E6	228.0E6	47.298	46.784
6) B beta-BHC	4.525	3.900	78945247	103.6E6	45.027	44.727
7) B delta-BHC	4.772	4.127	181.8E6	234.3E6	46.405	45.325m
8) B Heptachlo...	5.682	4.719	155.7E6	218.9E6	48.484	47.922
9) A Endosulfan I	6.067	5.088	147.8E6	211.9E6	47.690	48.808
10) B gamma-Chl...	5.938	4.968	159.3E6	229.2E6	47.675	47.589
11) B alpha-Chl...	6.017	5.032	156.9E6	225.8E6	47.272	47.641
12) B 4,4'-DDE	6.191	5.221	151.3E6	227.2E6	46.284	47.193
13) MA Dieldrin	6.342	5.352	156.8E6	231.3E6	47.582	48.187
14) MA Endrin	6.571	5.628	127.7E6	201.4E6	48.988m	48.218
15) B Endosulfa...	6.793	5.923	135.0E6	209.1E6	47.335	47.632
16) A 4,4'-DDD	6.709	5.776	119.2E6	187.7E6	46.955	48.257
17) MA 4,4'-DDT	7.022	6.025	119.0E6	191.9E6	46.761	46.058
18) B Endrin al...	6.923	6.102	105.3E6	163.7E6	47.830	48.568
19) B Endosulfa...	7.157	6.325	121.6E6	204.6E6	47.324	48.997
20) A Methoxychlor	7.499	6.601	60788845	103.2E6	45.384	45.934
21) B Endrin ke...	7.643	6.830	134.0E6	247.0E6	46.429	48.992
22) Mirex	8.115	7.009	100.4E6	186.9E6	47.176	47.536

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041725\
Data File : PL095285.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Apr 2025 15:38
Operator : AR\AJ
Sample : PB167633BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

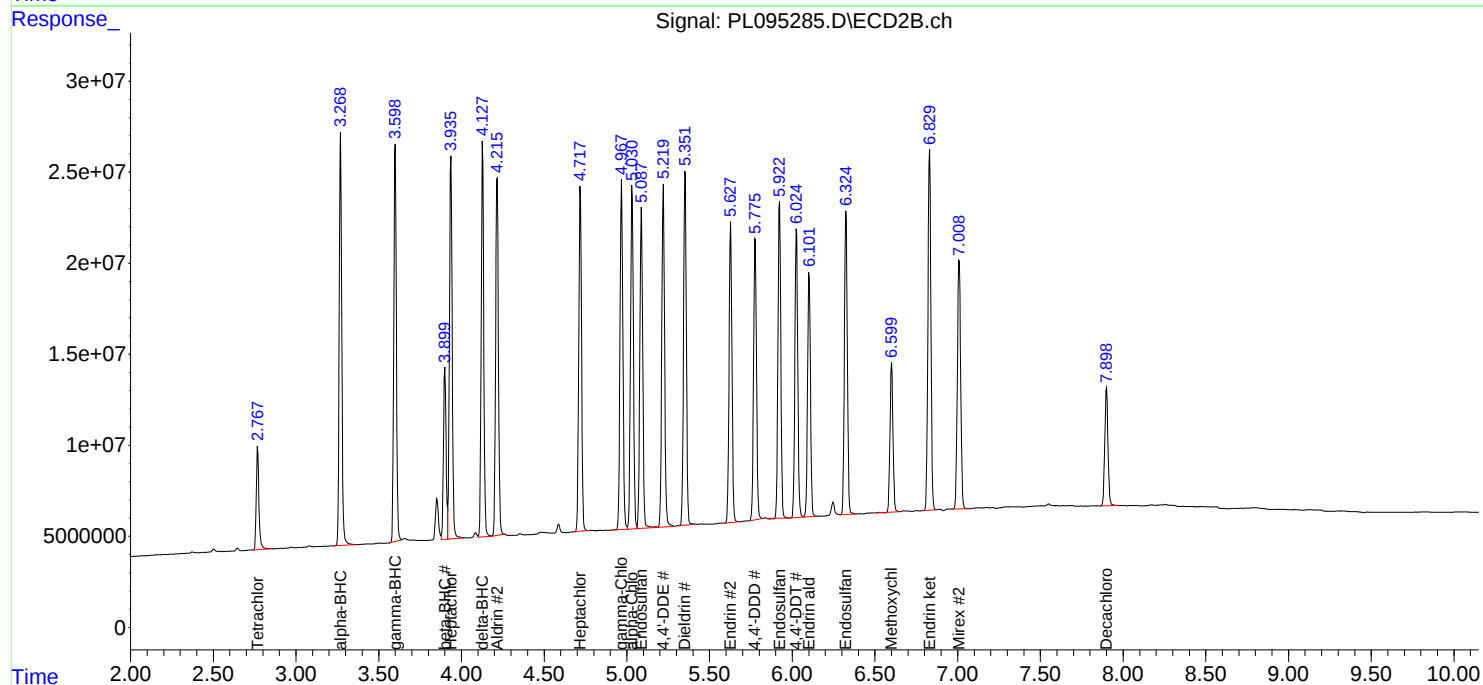
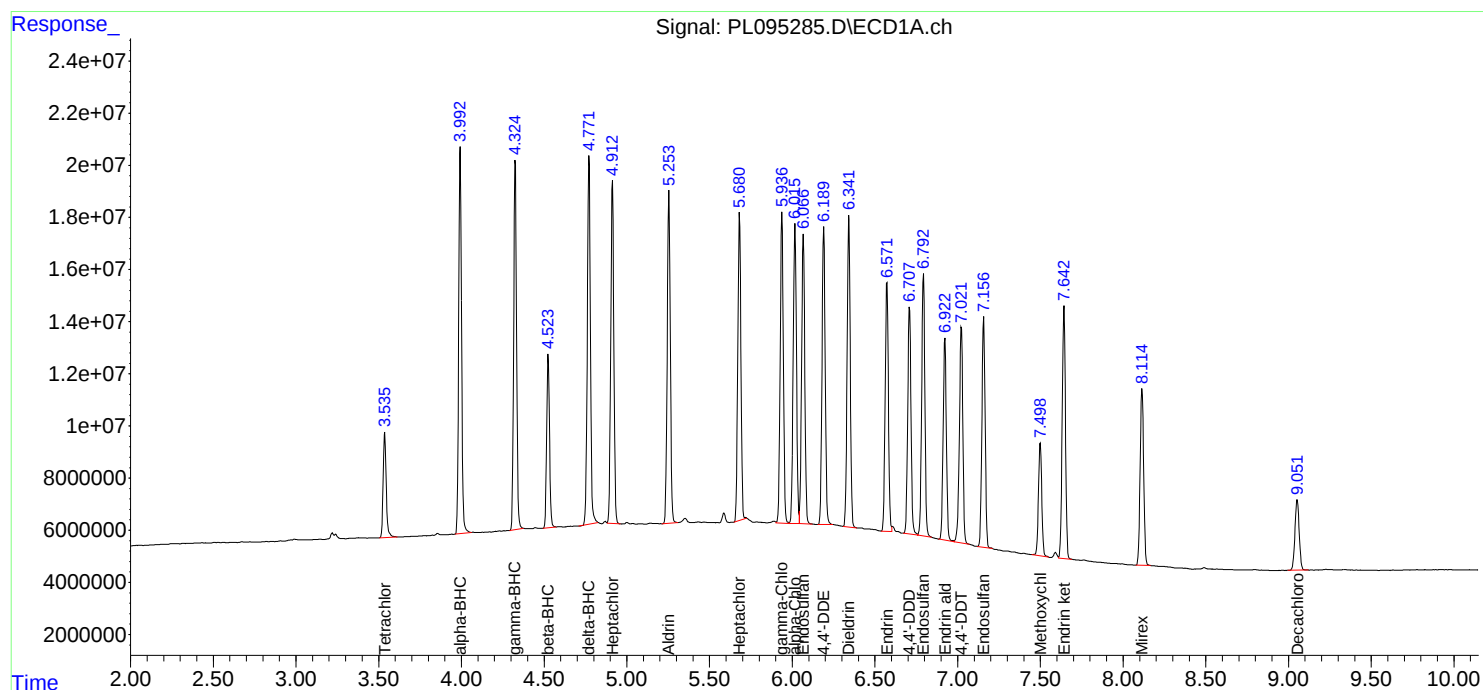
Instrument :
ECD_L
ClientSampleId :
PB167633BS

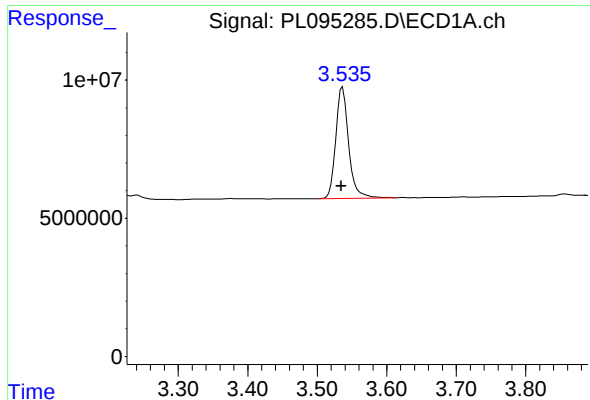
Manual Integrations
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Supervised By :mohammad ahmed 04/18/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 18 00:27:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL041425.M
Quant Title : GC Extractables
QLast Update : Mon Apr 14 19:12:49 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





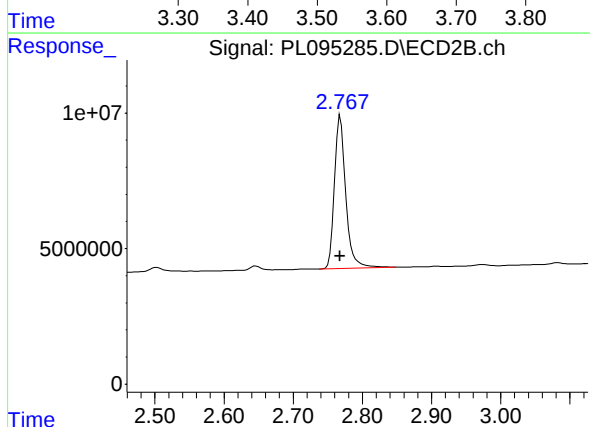
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: 0.002 min
Response: 51782161
Conc: 18.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167633BS

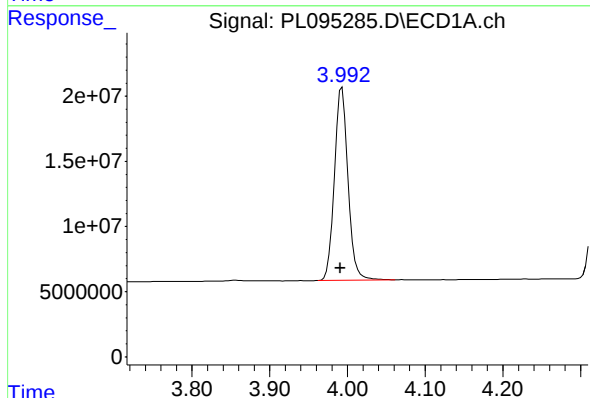
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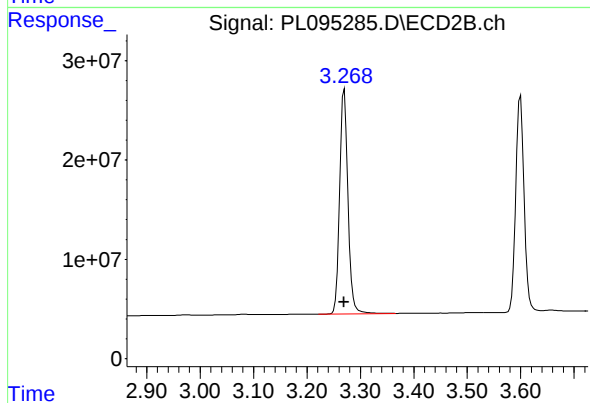
#1 Tetrachloro-m-xylene

R.T.: 2.768 min
Delta R.T.: 0.000 min
Response: 63960938
Conc: 17.19 ng/ml



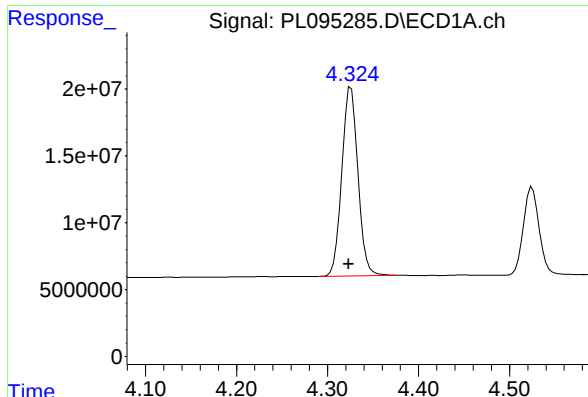
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: 0.002 min
Response: 180580090
Conc: 44.93 ng/ml



#2 alpha-BHC

R.T.: 3.270 min
Delta R.T.: 0.000 min
Response: 246538423
Conc: 44.52 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.326 min
Delta R.T.: 0.003 min
Response: 174173050
Conc: 45.29 ng/ml

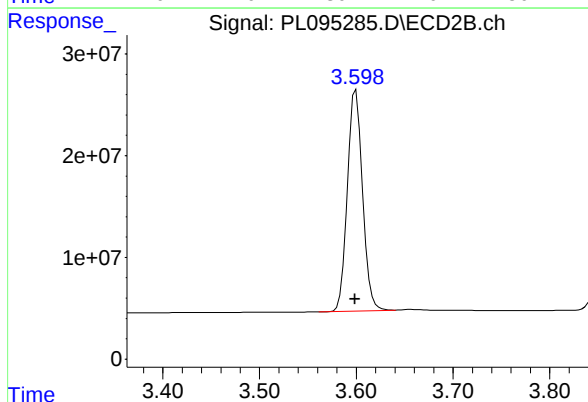
Instrument :

ECD_L

ClientSampleId :
PB167633BS

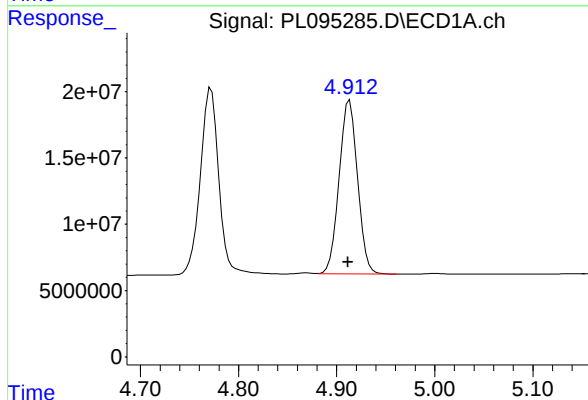
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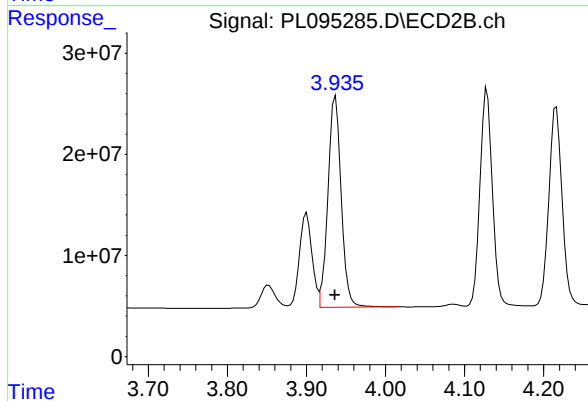
#3 gamma-BHC (Lindane)

R.T.: 3.600 min
Delta R.T.: 0.001 min
Response: 234582236
Conc: 44.57 ng/ml



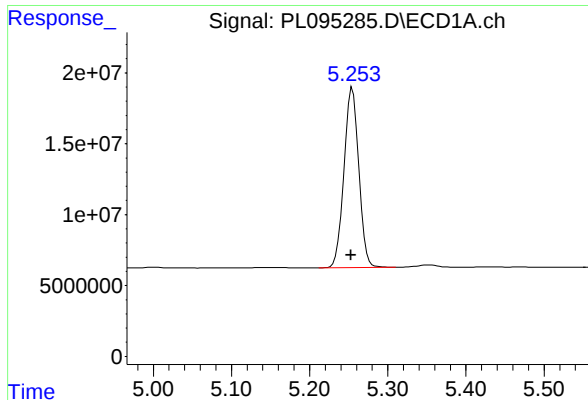
#4 Heptachlor

R.T.: 4.913 min
Delta R.T.: 0.002 min
Response: 171213339
Conc: 46.70 ng/ml



#4 Heptachlor

R.T.: 3.937 min
Delta R.T.: 0.000 min
Response: 243778347
Conc: 46.89 ng/ml



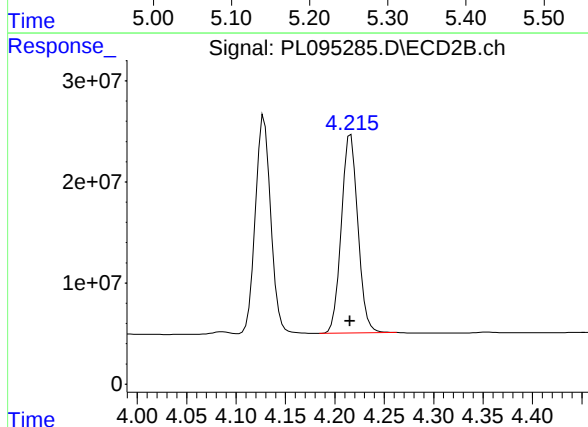
#5 Aldrin

R.T.: 5.255 min
Delta R.T.: 0.002 min
Response: 166919855
Conc: 47.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167633BS

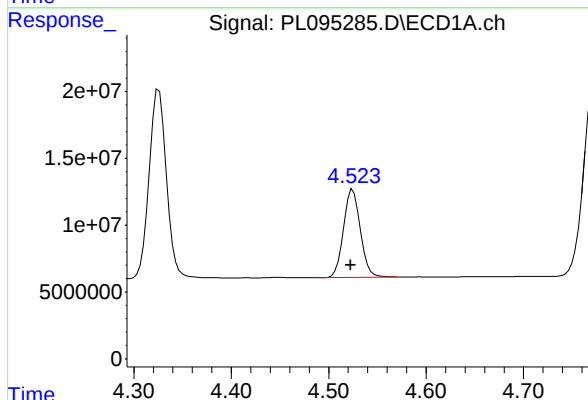
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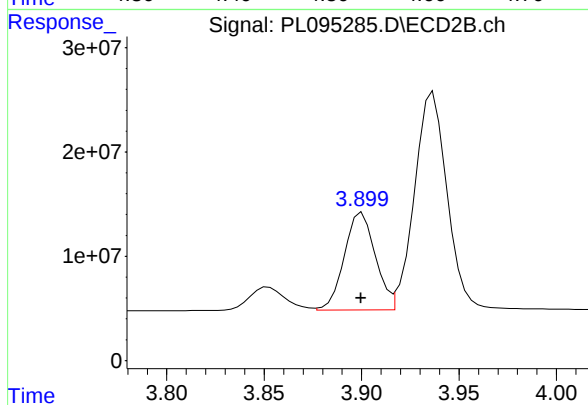
#5 Aldrin

R.T.: 4.216 min
Delta R.T.: 0.000 min
Response: 228005145
Conc: 46.78 ng/ml



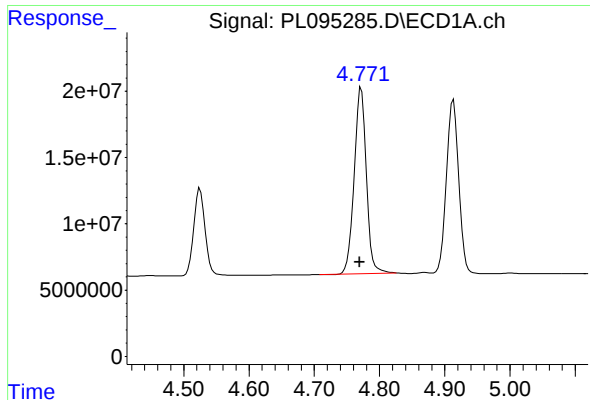
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: 0.002 min
Response: 78945247
Conc: 45.03 ng/ml



#6 beta-BHC

R.T.: 3.900 min
Delta R.T.: 0.000 min
Response: 103637434
Conc: 44.73 ng/ml



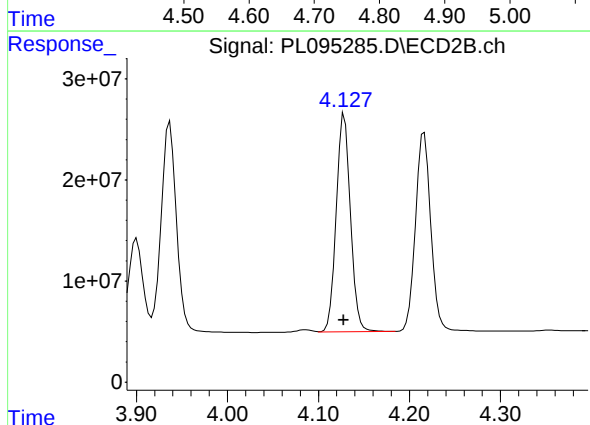
#7 delta-BHC

R.T.: 4.772 min
Delta R.T.: 0.002 min
Response: 181845286
Conc: 46.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167633BS

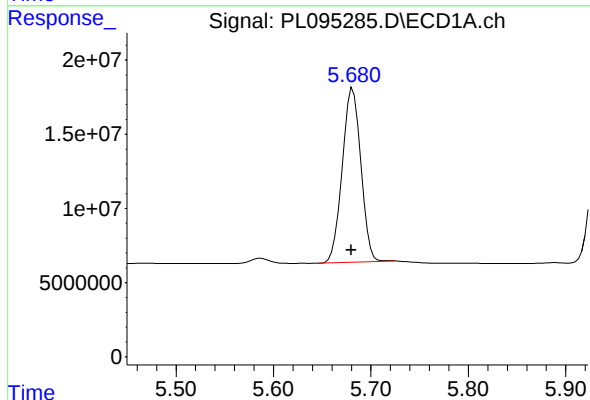
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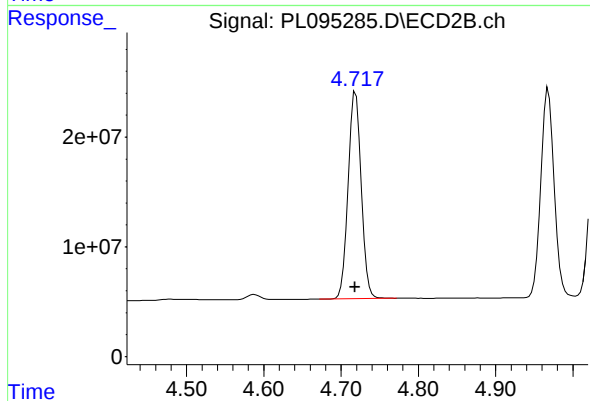
#7 delta-BHC

R.T.: 4.127 min
Delta R.T.: 0.000 min
Response: 234330559
Conc: 45.32 ng/ml m



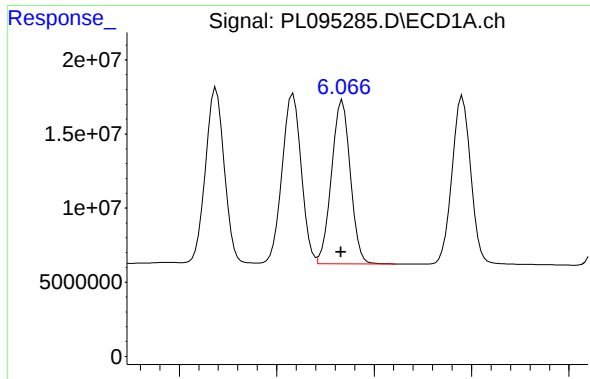
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: 0.002 min
Response: 155672155
Conc: 48.48 ng/ml



#8 Heptachlor epoxide

R.T.: 4.719 min
Delta R.T.: 0.000 min
Response: 218938843
Conc: 47.92 ng/ml



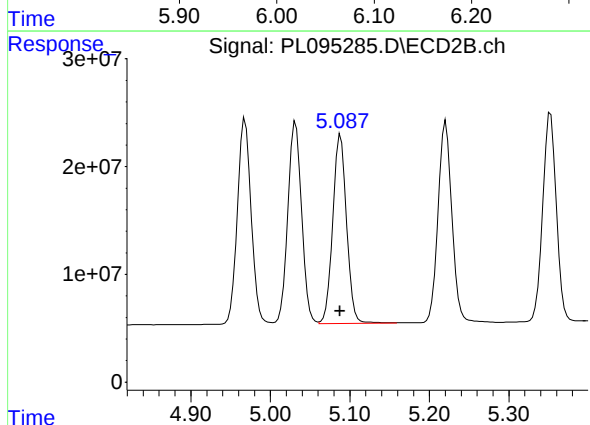
#9 Endosulfan I

R.T.: 6.067 min
Delta R.T.: 0.002 min
Response: 147765007
Conc: 47.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167633BS

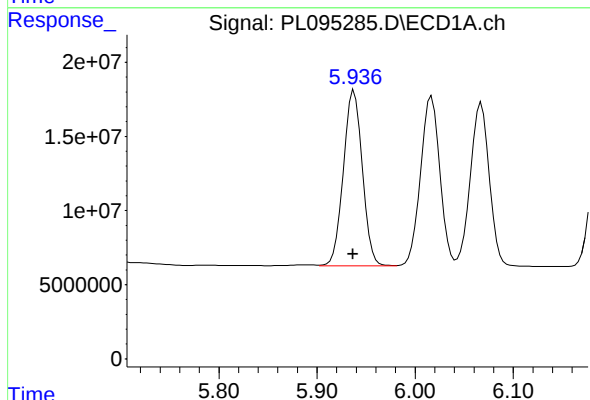
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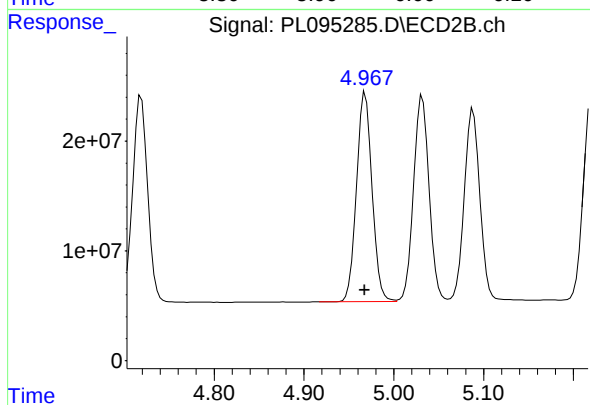
#9 Endosulfan I

R.T.: 5.088 min
Delta R.T.: 0.000 min
Response: 211869793
Conc: 48.81 ng/ml



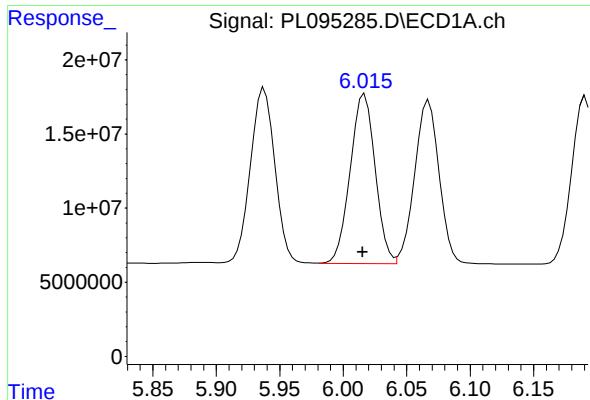
#10 gamma-Chlordane

R.T.: 5.938 min
Delta R.T.: 0.001 min
Response: 159257651
Conc: 47.68 ng/ml



#10 gamma-Chlordane

R.T.: 4.968 min
Delta R.T.: 0.000 min
Response: 229222954
Conc: 47.59 ng/ml



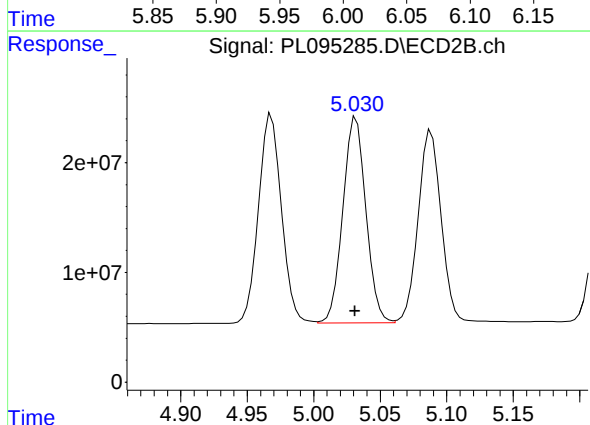
#11 alpha-Chlordane

R.T.: 6.017 min
Delta R.T.: 0.002 min
Response: 156918580
Conc: 47.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167633BS

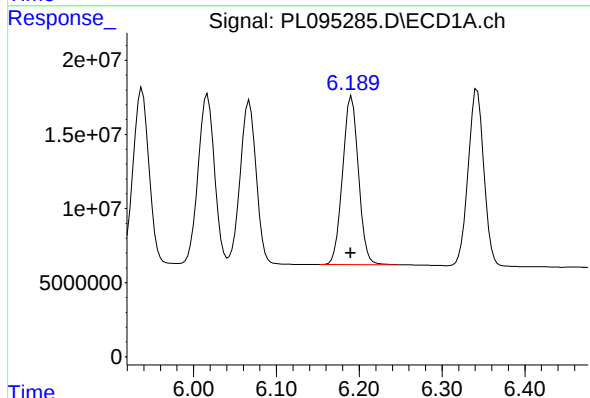
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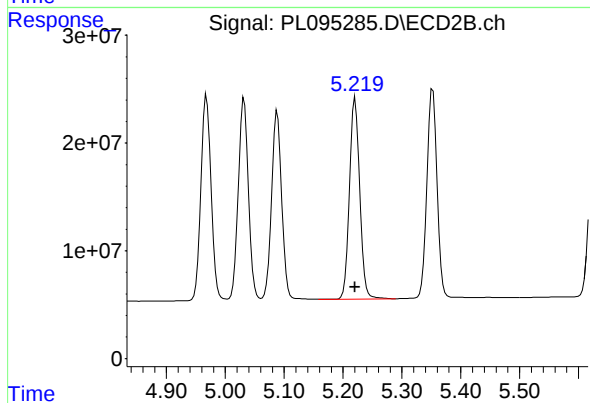
#11 alpha-Chlordane

R.T.: 5.032 min
Delta R.T.: 0.000 min
Response: 225798620
Conc: 47.64 ng/ml



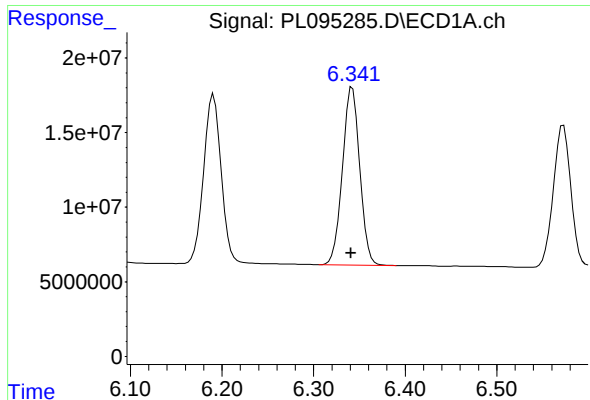
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: 0.001 min
Response: 151340518
Conc: 46.28 ng/ml



#12 4,4'-DDE

R.T.: 5.221 min
Delta R.T.: 0.000 min
Response: 227220390
Conc: 47.19 ng/ml



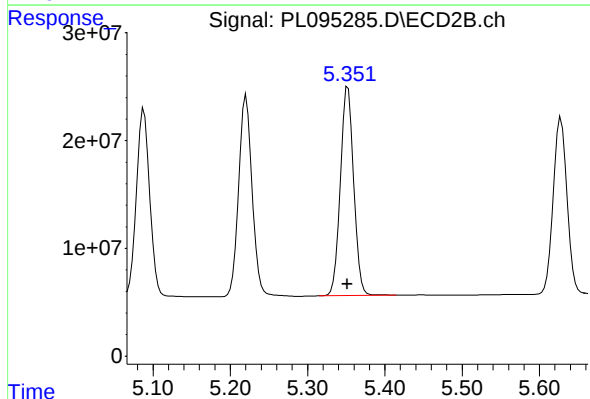
#13 Dieldrin

R.T.: 6.342 min
Delta R.T.: 0.002 min
Response: 156786485
Conc: 47.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167633BS

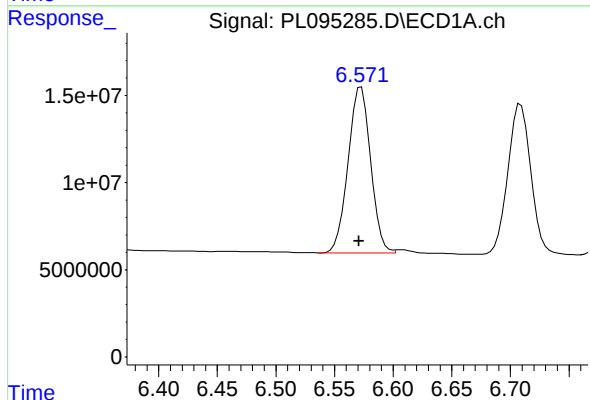
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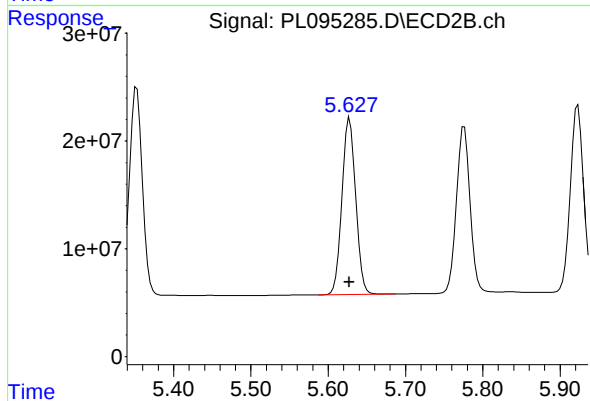
#13 Dieldrin

R.T.: 5.352 min
Delta R.T.: 0.001 min
Response: 231297953
Conc: 48.19 ng/ml



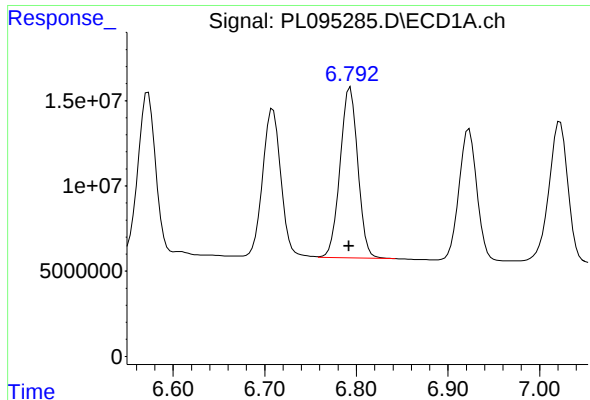
#14 Endrin

R.T.: 6.571 min
Delta R.T.: 0.000 min
Response: 127670384
Conc: 48.99 ng/ml m



#14 Endrin

R.T.: 5.628 min
Delta R.T.: 0.000 min
Response: 201427492
Conc: 48.22 ng/ml



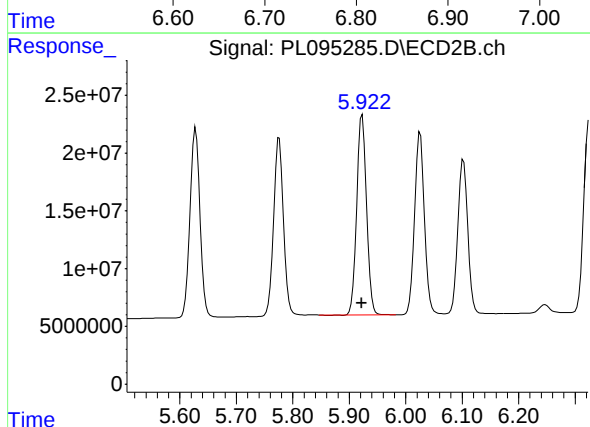
#15 Endosulfan II

R.T.: 6.793 min
Delta R.T.: 0.002 min
Response: 135016721
Conc: 47.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167633BS

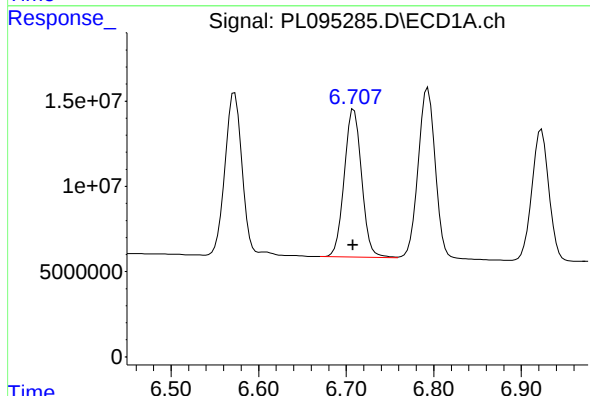
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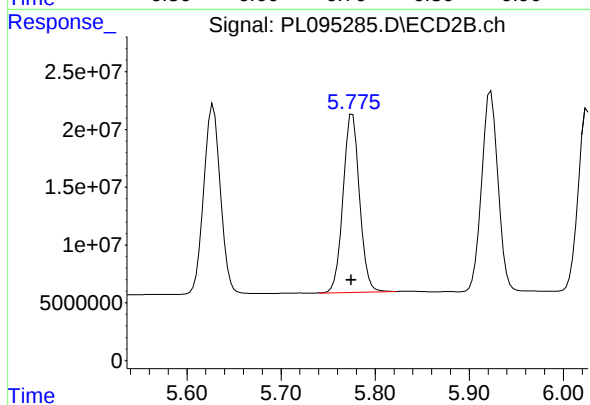
#15 Endosulfan II

R.T.: 5.923 min
Delta R.T.: 0.001 min
Response: 209120159
Conc: 47.63 ng/ml



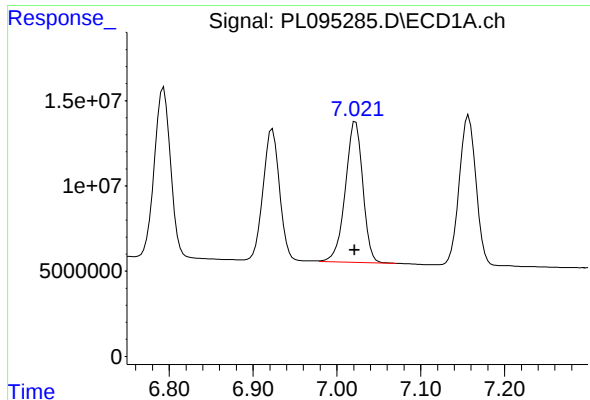
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: 0.001 min
Response: 119224975
Conc: 46.96 ng/ml



#16 4,4'-DDD

R.T.: 5.776 min
Delta R.T.: 0.001 min
Response: 187717382
Conc: 48.26 ng/ml



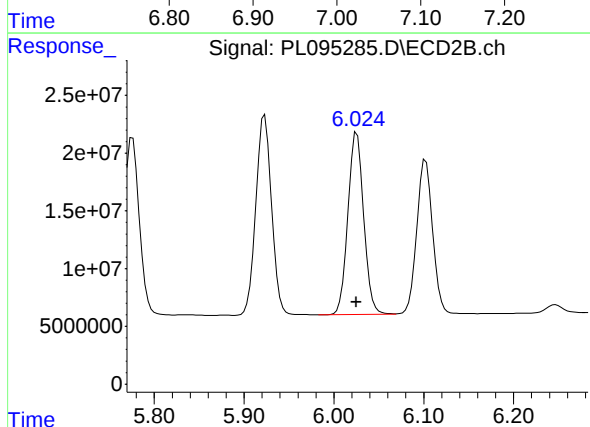
#17 4,4'-DDT

R.T.: 7.022 min
Delta R.T.: 0.001 min
Response: 119032485
Conc: 46.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167633BS

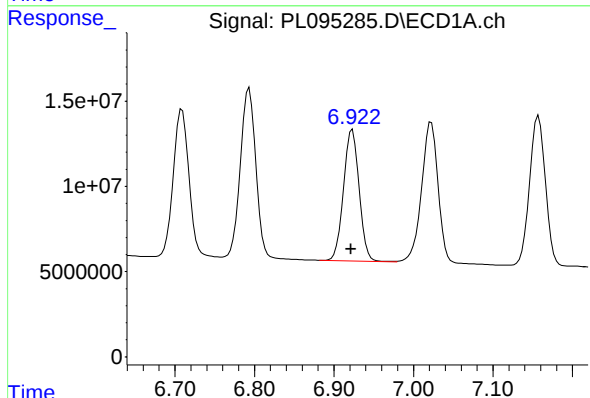
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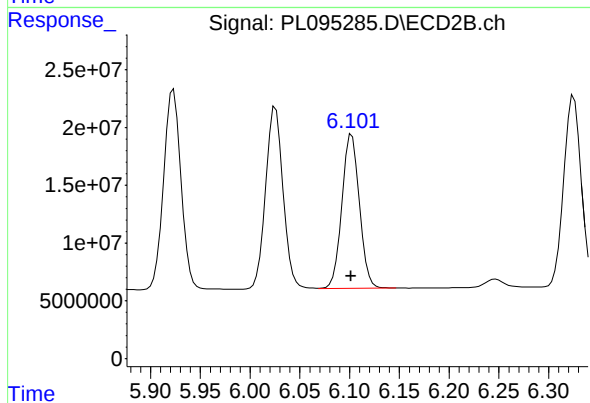
#17 4,4'-DDT

R.T.: 6.025 min
Delta R.T.: 0.000 min
Response: 191875907
Conc: 46.06 ng/ml



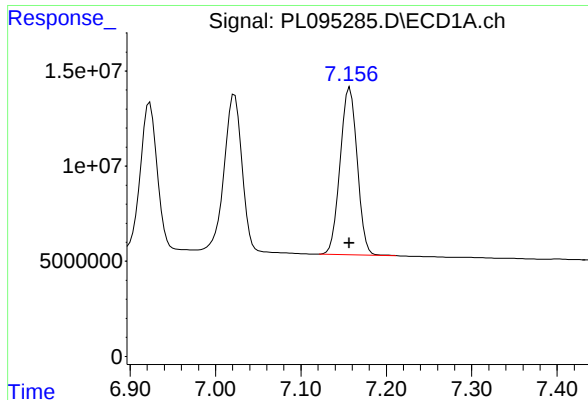
#18 Endrin aldehyde

R.T.: 6.923 min
Delta R.T.: 0.001 min
Response: 105278471
Conc: 47.83 ng/ml



#18 Endrin aldehyde

R.T.: 6.102 min
Delta R.T.: 0.000 min
Response: 163665545
Conc: 48.57 ng/ml



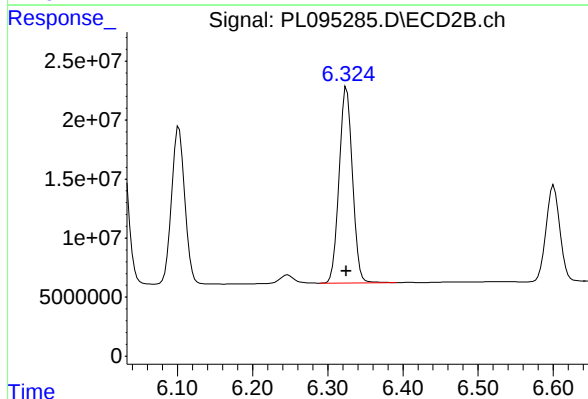
#19 Endosulfan Sulfate

R.T.: 7.157 min
Delta R.T.: 0.000 min
Response: 121603898
Conc: 47.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167633BS

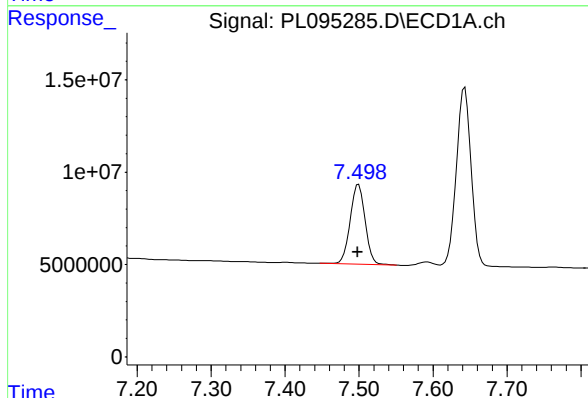
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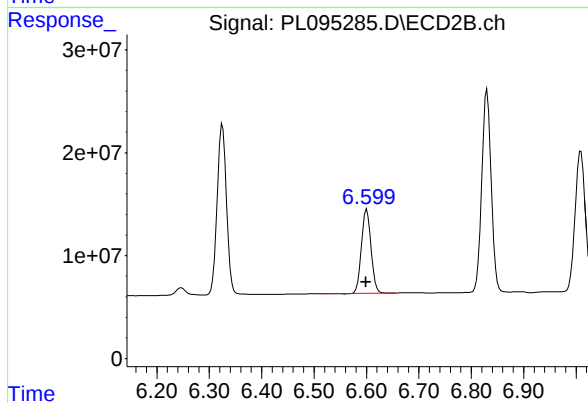
#19 Endosulfan Sulfate

R.T.: 6.325 min
Delta R.T.: 0.000 min
Response: 204632436
Conc: 49.00 ng/ml



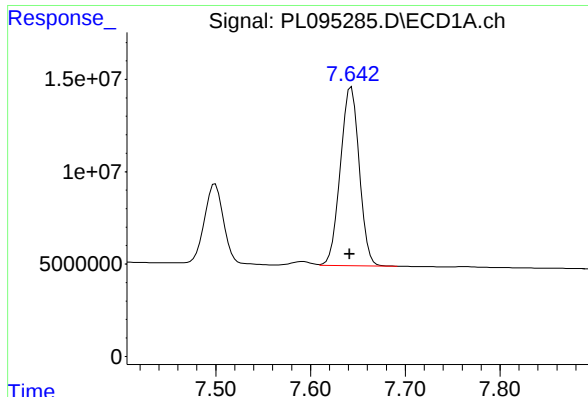
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: 0.002 min
Response: 60788845
Conc: 45.38 ng/ml



#20 Methoxychlor

R.T.: 6.601 min
Delta R.T.: 0.001 min
Response: 103153640
Conc: 45.93 ng/ml



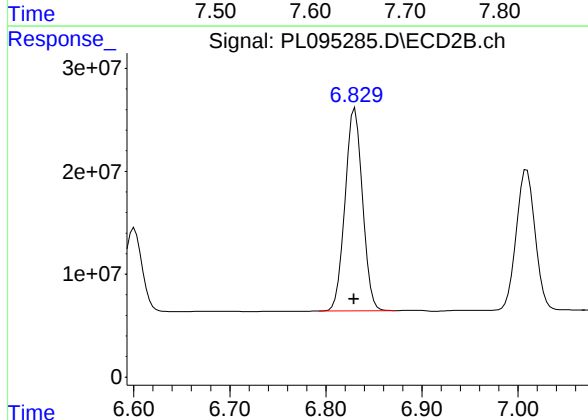
#21 Endrin ketone

R.T.: 7.643 min
Delta R.T.: 0.002 min
Response: 134024014
Conc: 46.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167633BS

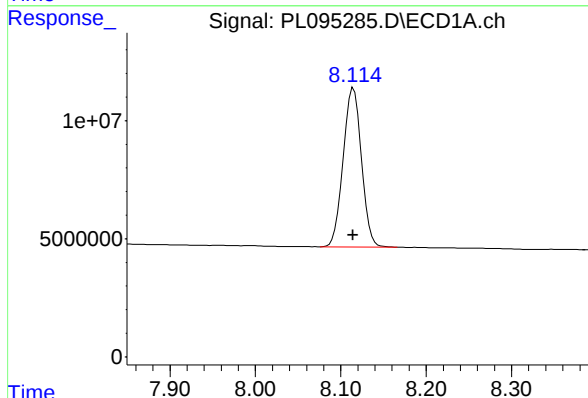
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 04/18/2025
Supervised By :mohammad ahmed 04/18/2025



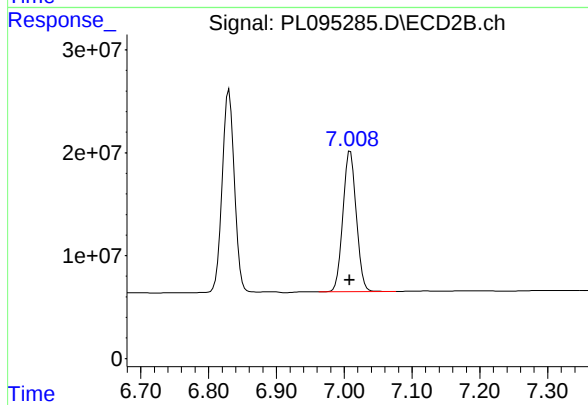
#21 Endrin ketone

R.T.: 6.830 min
Delta R.T.: 0.000 min
Response: 247024136
Conc: 48.99 ng/ml



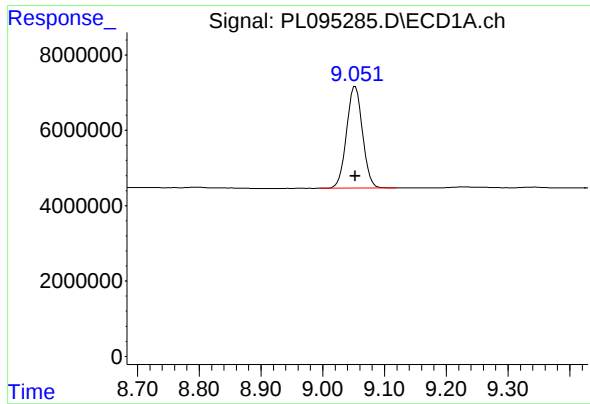
#22 Mirex

R.T.: 8.115 min
Delta R.T.: 0.000 min
Response: 100352605
Conc: 47.18 ng/ml



#22 Mirex

R.T.: 7.009 min
Delta R.T.: 0.000 min
Response: 186902430
Conc: 47.54 ng/ml



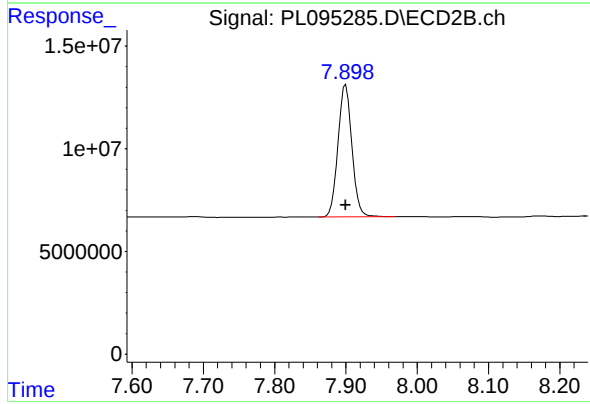
#28 Decachlorobiphenyl

R.T.: 9.053 min
Delta R.T.: 0.000 min
Response: 48461299
Conc: 20.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167633BS

Manual Integrations
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Reviewed By :Yogesh Patel 04/18/2025
Supervised By :mohammad ahmed 04/18/2025



#28 Decachlorobiphenyl

R.T.: 7.900 min
Delta R.T.: 0.000 min
Response: 87710352
Conc: 19.94 ng/ml