

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060325\
 Data File : PL095899.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Jun 2025 17:29
 Operator : AR\AJ
 Sample : Q2173-06MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 OR-400-CF-402B-COMP-23MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/04/2025
 Supervised By : mohammad ahmed 06/05/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 04 03:39:27 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052125.M
 Quant Title : GC Extractables
 QLast Update : Thu May 22 06:29:30 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...	3.573	2.885	59042256	74399020	18.712	19.009
28) SA Decachlor...	9.099	8.060	41242495	74886259	17.503	17.119
Target Compounds						
2) A alpha-BHC	4.024	3.395	247.3E6	312.1E6	51.009	53.276
3) MA gamma-BHC...	4.356	3.729	226.0E6	289.4E6	50.547	51.672
4) MA Heptachlor	4.953	4.081	183.0E6	275.7E6	48.342	49.156
5) MB Aldrin	5.295	4.366	193.8E6	252.6E6	45.307	47.594
6) B beta-BHC	4.543	4.023	97960535	129.6E6	49.692	52.295m
7) B delta-BHC	4.791	4.259	222.8E6	289.8E6	50.245	51.324
8) B Heptachlo...	5.717	4.868	184.6E6	249.4E6	48.374	50.520
9) A Endosulfan I	6.100	5.240	173.4E6	239.0E6	47.321	50.162
10) B gamma-Chl...	5.971	5.120	184.0E6	263.7E6	47.285	50.198
11) B alpha-Chl...	6.052	5.184	183.5E6	259.1E6	46.482	49.798
12) B 4,4'-DDE	6.222	5.371	170.9E6	257.6E6	46.589	48.036
13) MA Dieldrin	6.373	5.505	185.5E6	256.5E6	48.059	48.394
14) MA Endrin	6.600	5.780	147.2E6	220.3E6	45.605	45.189
15) B Endosulfa...	6.813	6.069	157.3E6	230.7E6	45.650	48.545m
16) A 4,4'-DDD	6.732	5.923	137.9E6	216.3E6	47.061	49.318
17) MA 4,4'-DDT	7.047	6.176	123.8E6	211.3E6	45.769	44.191
18) B Endrin al...	6.942	6.248	117.0E6	172.4E6	48.406	49.898
19) B Endosulfa...	7.176	6.471	139.0E6	214.4E6	46.539	47.703
20) A Methoxychlor	7.520	6.747	58348964	109.5E6	45.752	41.863
21) B Endrin ke...	7.657	6.977	152.9E6	242.1E6	48.289	46.794
22) Mirex	8.138	7.170	107.2E6	178.4E6	46.335	43.924

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060325\
Data File : PL095899.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Jun 2025 17:29
Operator : AR\AJ
Sample : Q2173-06MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

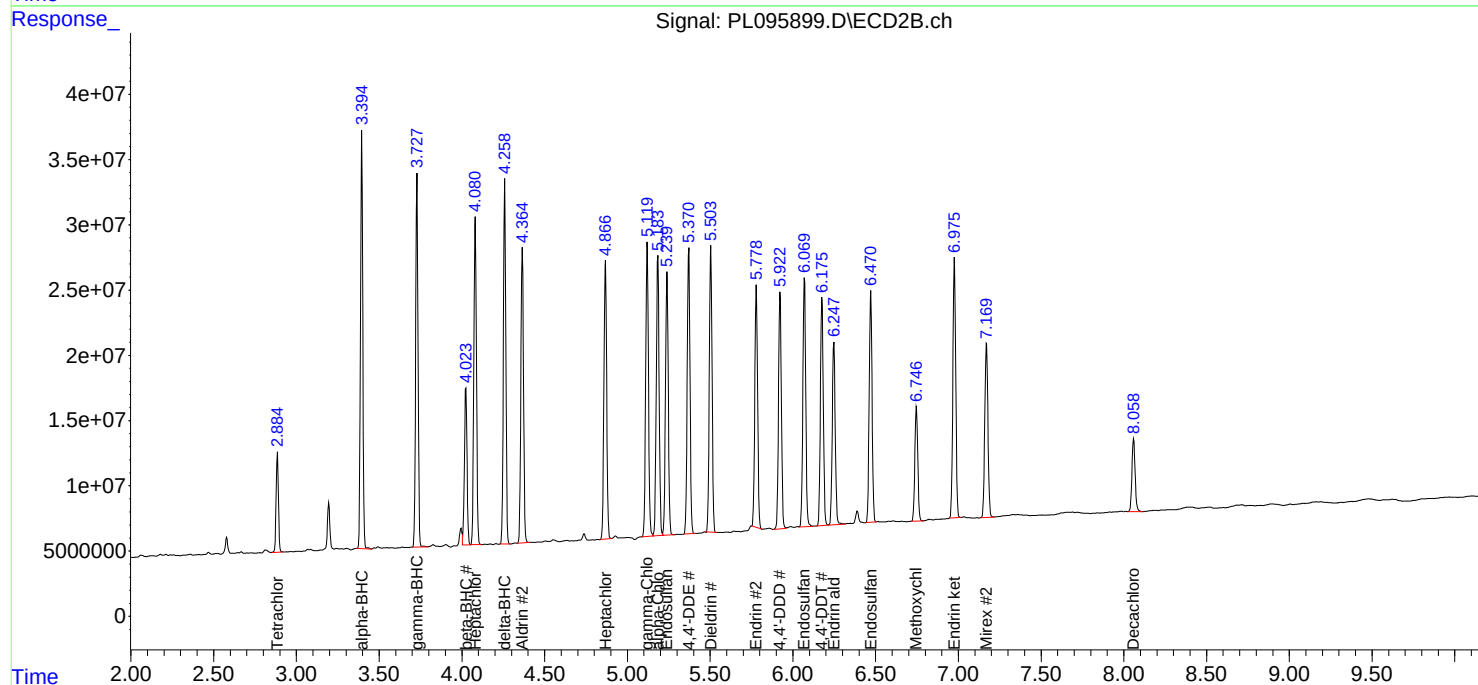
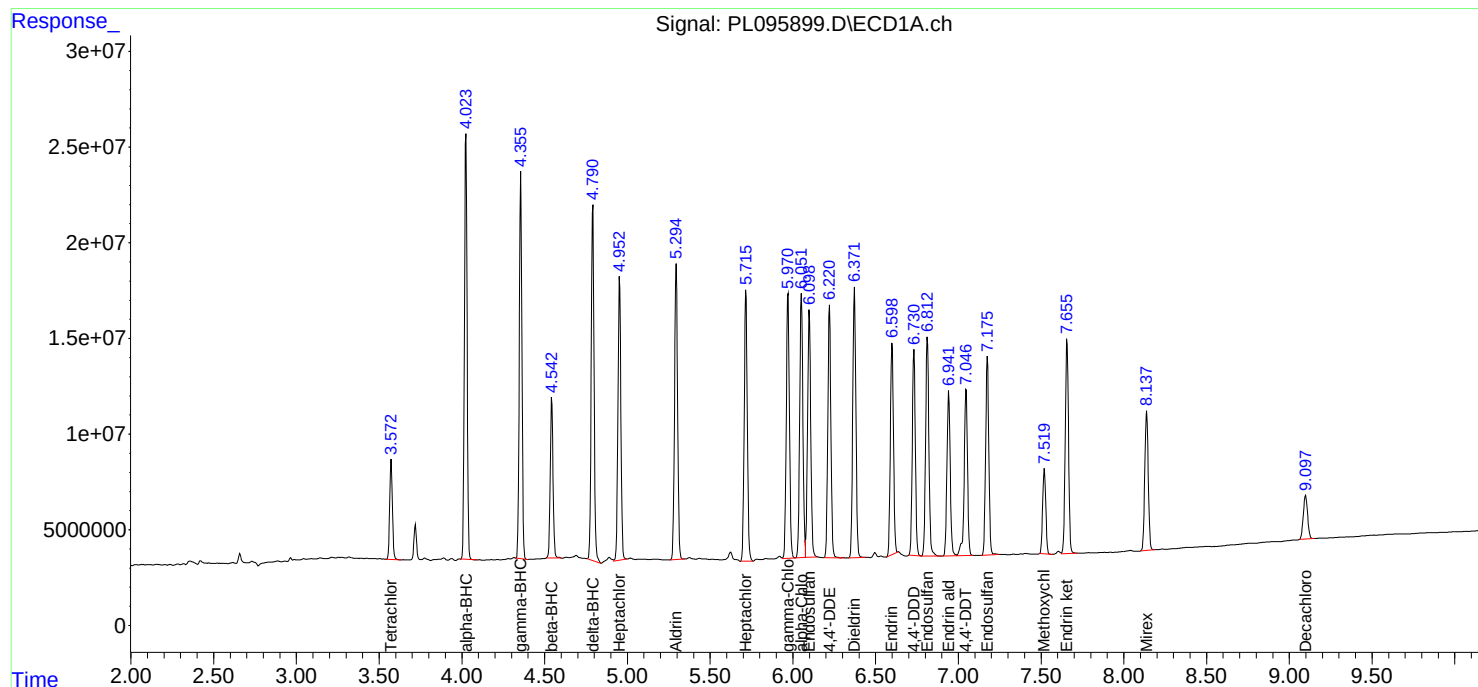
Instrument :
ECD_L
ClientSampleId :
OR-400-CF-402B-COMP-23MSD

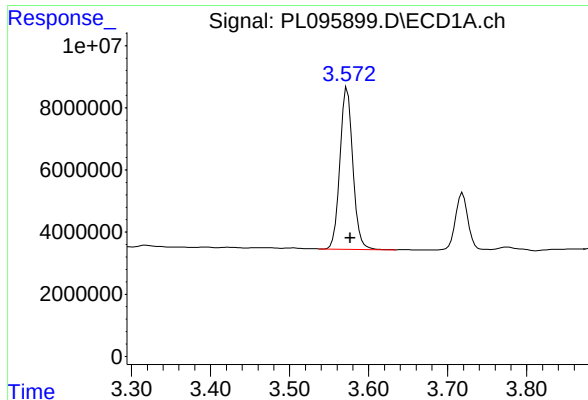
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 04 03:39:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052125.M
Quant Title : GC Extractables
QLast Update : Thu May 22 06:29:30 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





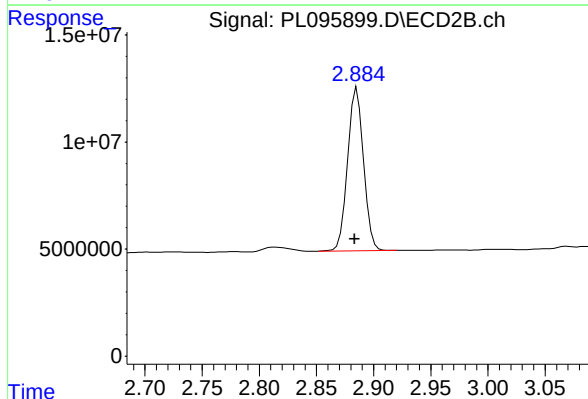
#1 Tetrachloro-m-xylene

R.T.: 3.573 min
Delta R.T.: -0.004 min
Response: 59042256
Conc: 18.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-400-CF-402B-COMP-23MSD

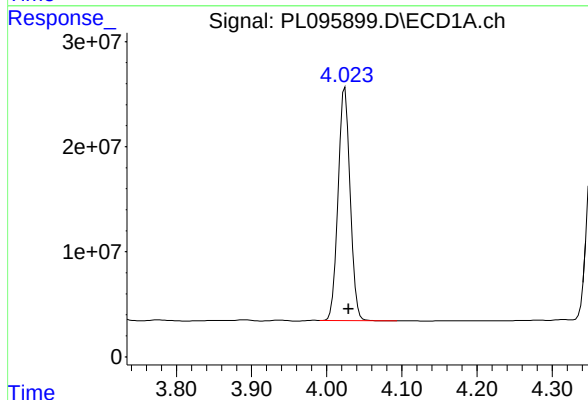
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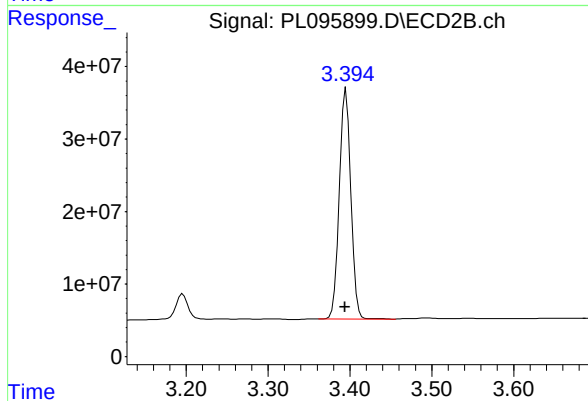
#1 Tetrachloro-m-xylene

R.T.: 2.885 min
Delta R.T.: 0.002 min
Response: 74399020
Conc: 19.01 ng/ml



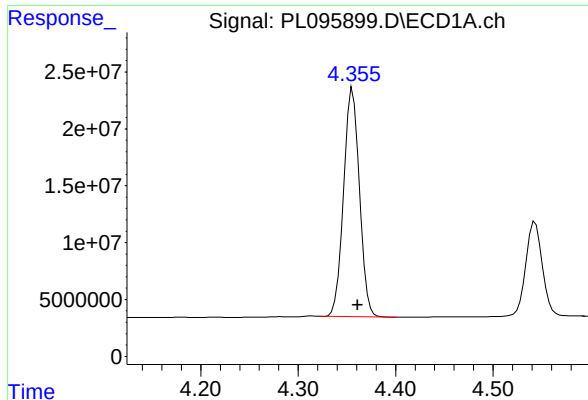
#2 alpha-BHC

R.T.: 4.024 min
Delta R.T.: -0.005 min
Response: 247287014
Conc: 51.01 ng/ml



#2 alpha-BHC

R.T.: 3.395 min
Delta R.T.: 0.001 min
Response: 312056755
Conc: 53.28 ng/ml



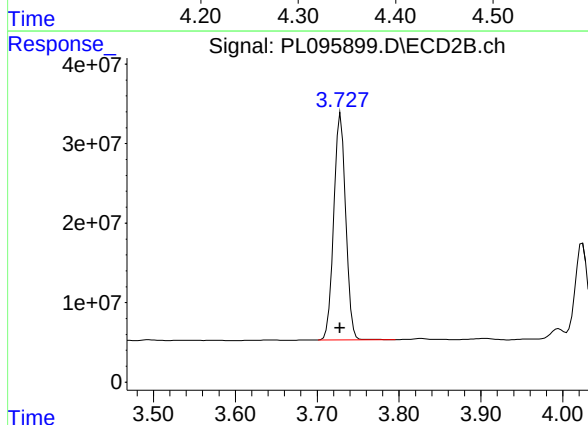
#3 gamma-BHC (Lindane)

R.T.: 4.356 min
Delta R.T.: -0.005 min
Response: 226040723
Conc: 50.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-400-CF-402B-COMP-23MSD

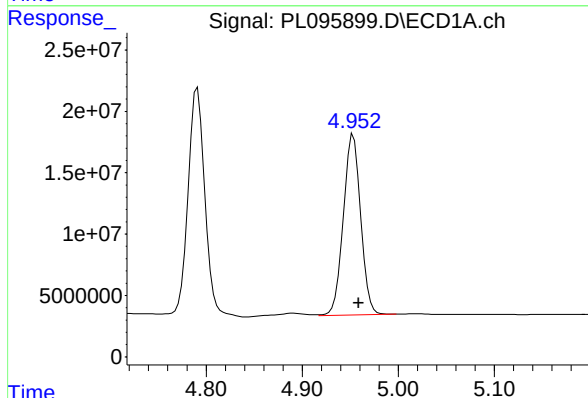
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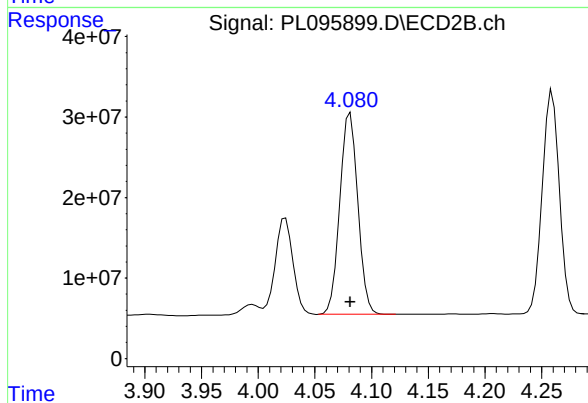
#3 gamma-BHC (Lindane)

R.T.: 3.729 min
Delta R.T.: 0.000 min
Response: 289426981
Conc: 51.67 ng/ml



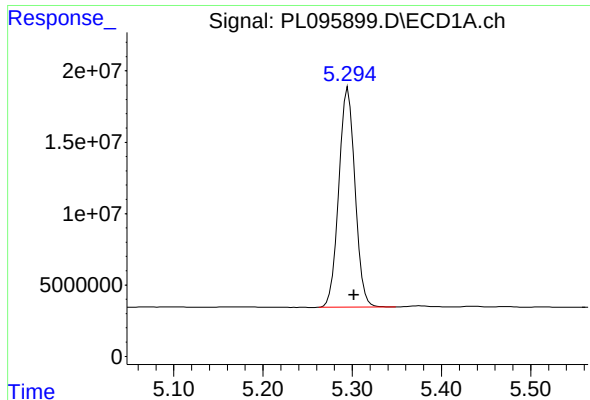
#4 Heptachlor

R.T.: 4.953 min
Delta R.T.: -0.006 min
Response: 182975678
Conc: 48.34 ng/ml



#4 Heptachlor

R.T.: 4.081 min
Delta R.T.: 0.000 min
Response: 275716595
Conc: 49.16 ng/ml



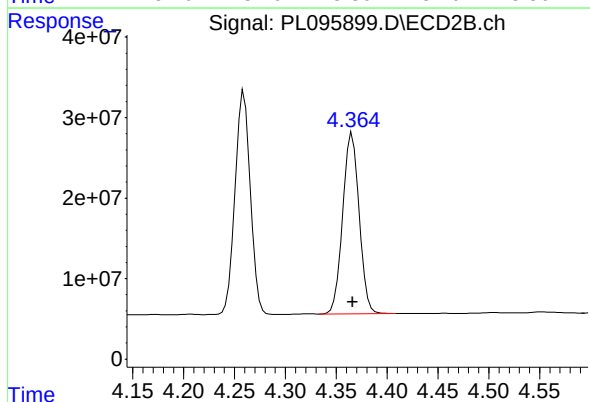
#5 Aldrin

R.T.: 5.295 min
Delta R.T.: -0.006 min
Response: 193812096
Conc: 45.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-400-CF-402B-COMP-23MSD

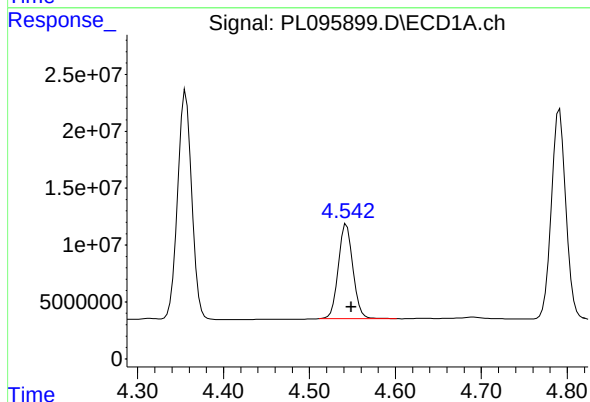
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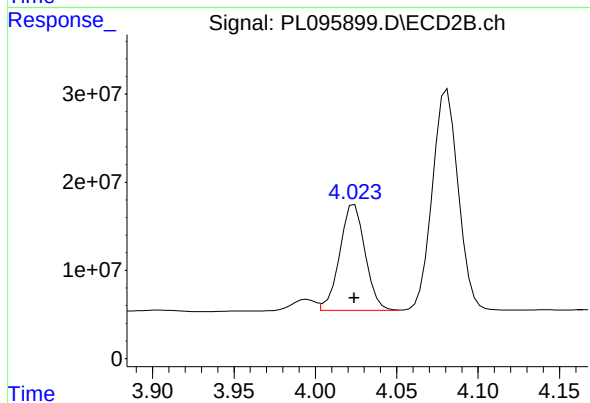
#5 Aldrin

R.T.: 4.366 min
Delta R.T.: 0.000 min
Response: 252585225
Conc: 47.59 ng/ml



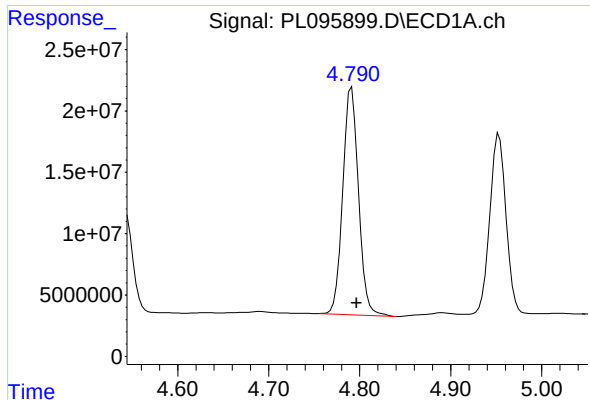
#6 beta-BHC

R.T.: 4.543 min
Delta R.T.: -0.006 min
Response: 97960535
Conc: 49.69 ng/ml



#6 beta-BHC

R.T.: 4.023 min
Delta R.T.: -0.001 min
Response: 129562882
Conc: 52.29 ng/ml m



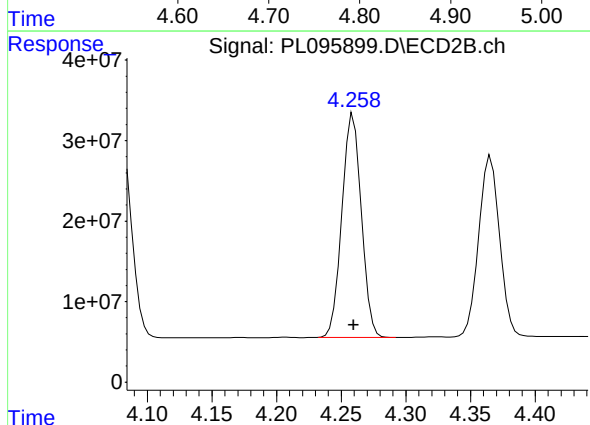
#7 delta-BHC

R.T.: 4.791 min
Delta R.T.: -0.005 min
Response: 222766376
Conc: 50.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-400-CF-402B-COMP-23MSD

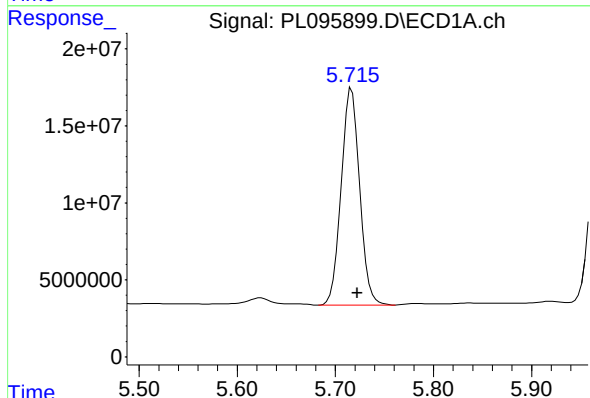
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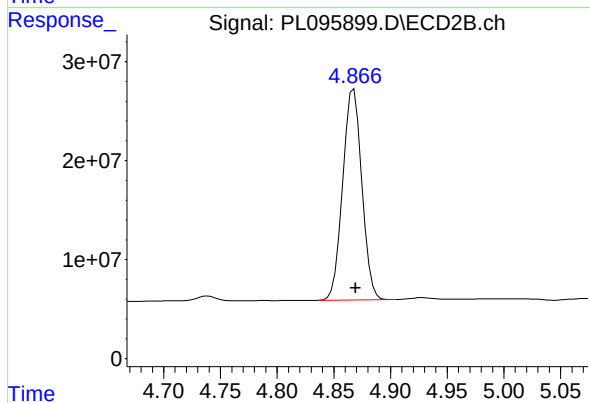
#7 delta-BHC

R.T.: 4.259 min
Delta R.T.: 0.000 min
Response: 289845872
Conc: 51.32 ng/ml



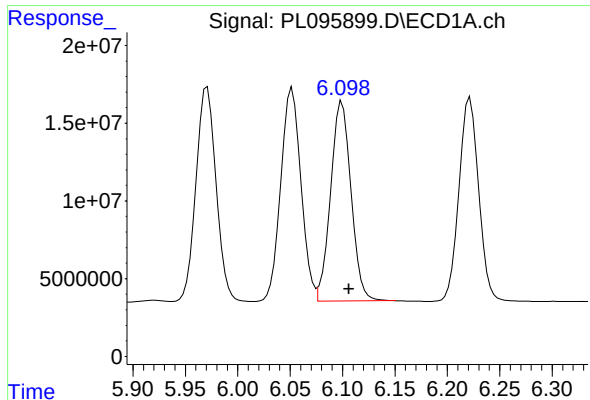
#8 Heptachlor epoxide

R.T.: 5.717 min
Delta R.T.: -0.006 min
Response: 184638636
Conc: 48.37 ng/ml



#8 Heptachlor epoxide

R.T.: 4.868 min
Delta R.T.: -0.002 min
Response: 249439196
Conc: 50.52 ng/ml



#9 Endosulfan I

R.T.: 6.100 min
Delta R.T.: -0.007 min
Response: 173424948
Conc: 47.32 ng/ml

Instrument :

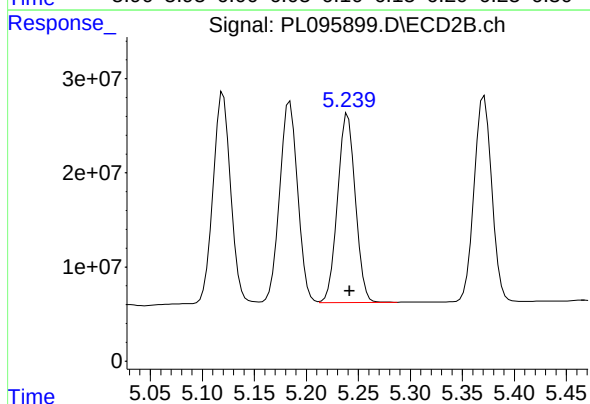
ECD_L

ClientSampleId :

OR-400-CF-402B-COMP-23MSD

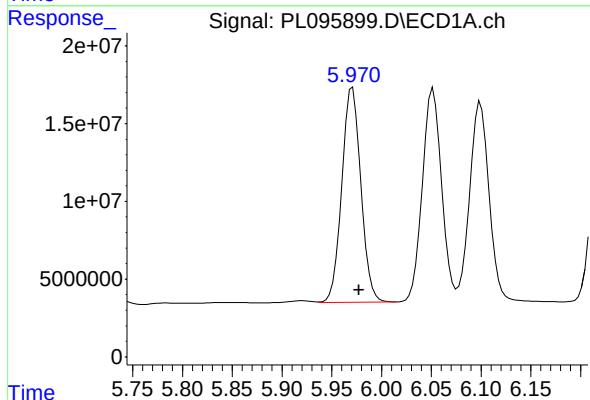
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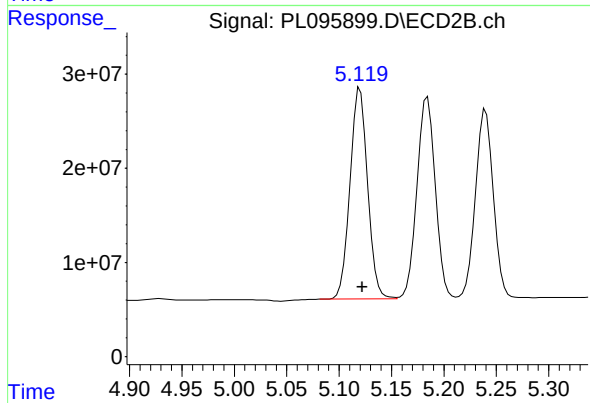
#9 Endosulfan I

R.T.: 5.240 min
Delta R.T.: -0.002 min
Response: 239019389
Conc: 50.16 ng/ml



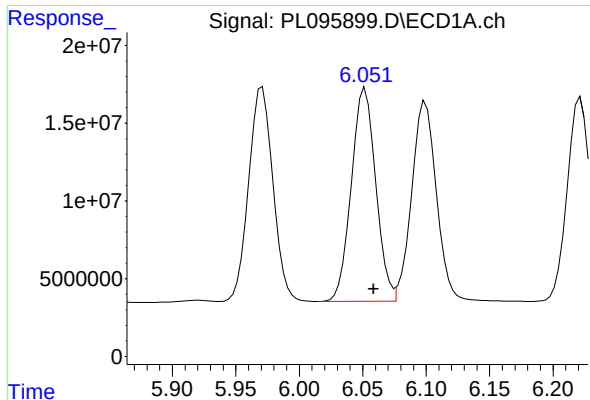
#10 gamma-Chlordane

R.T.: 5.971 min
Delta R.T.: -0.007 min
Response: 184037117
Conc: 47.28 ng/ml



#10 gamma-Chlordane

R.T.: 5.120 min
Delta R.T.: -0.002 min
Response: 263676021
Conc: 50.20 ng/ml



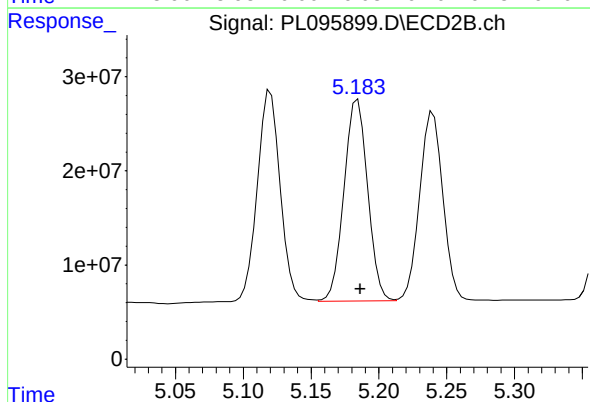
#11 alpha-Chlordane

R.T.: 6.052 min
Delta R.T.: -0.007 min
Response: 183519438
Conc: 46.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-400-CF-402B-COMP-23MSD

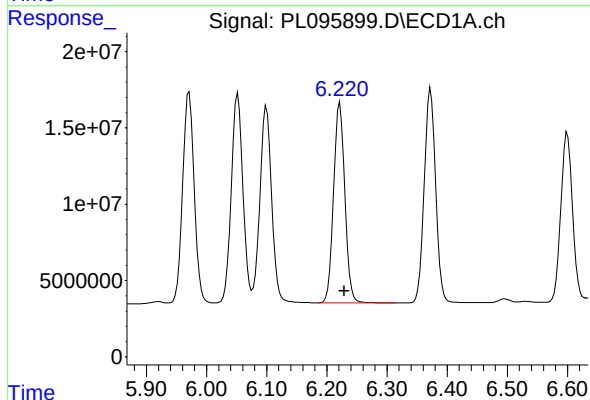
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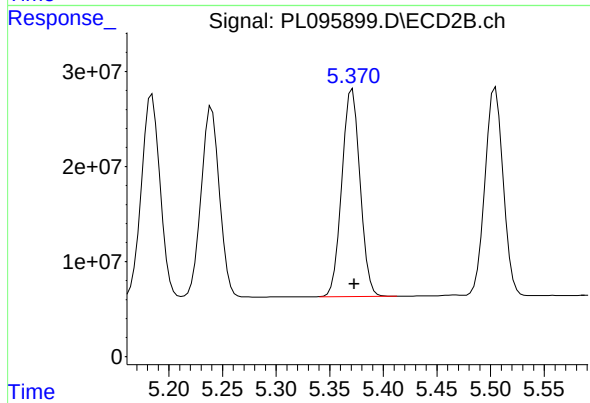
#11 alpha-Chlordane

R.T.: 5.184 min
Delta R.T.: -0.002 min
Response: 259085756
Conc: 49.80 ng/ml



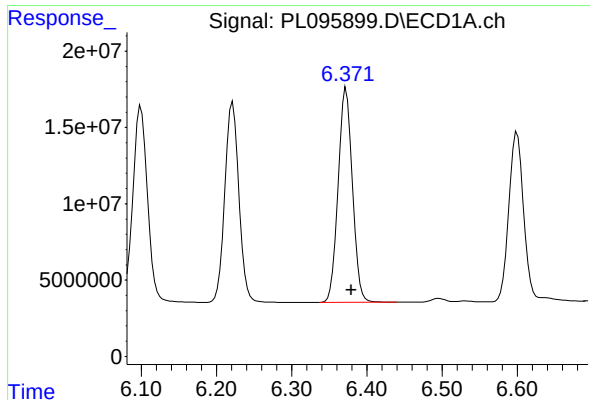
#12 4,4'-DDE

R.T.: 6.222 min
Delta R.T.: -0.007 min
Response: 170883151
Conc: 46.59 ng/ml



#12 4,4'-DDE

R.T.: 5.371 min
Delta R.T.: -0.002 min
Response: 257577420
Conc: 48.04 ng/ml



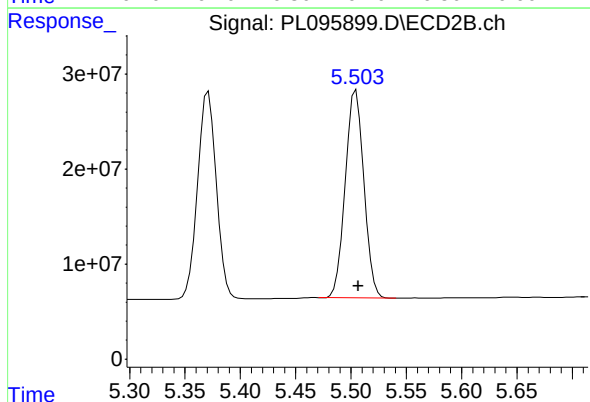
#13 Dieldrin

R.T.: 6.373 min
Delta R.T.: -0.007 min
Response: 185468400
Conc: 48.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-400-CF-402B-COMP-23MSD

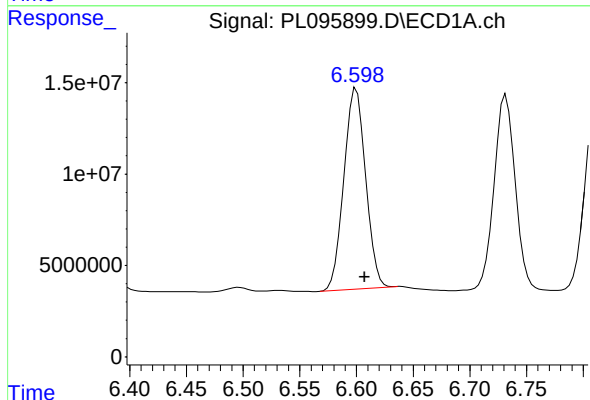
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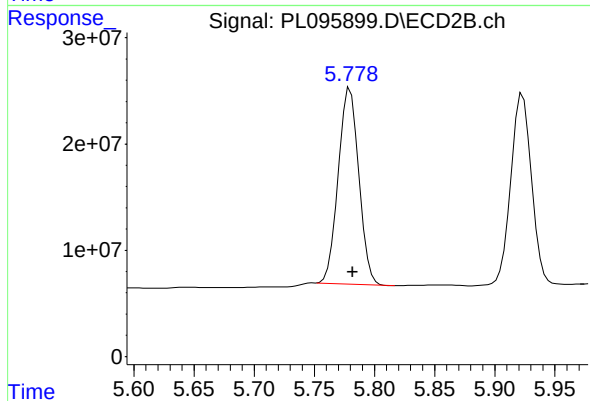
#13 Dieldrin

R.T.: 5.505 min
Delta R.T.: -0.002 min
Response: 256495691
Conc: 48.39 ng/ml



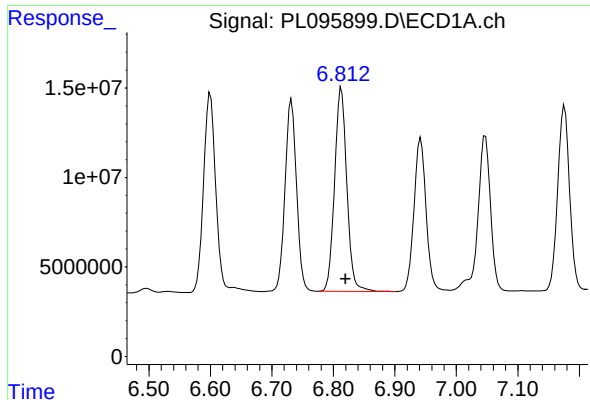
#14 Endrin

R.T.: 6.600 min
Delta R.T.: -0.007 min
Response: 147157668
Conc: 45.61 ng/ml



#14 Endrin

R.T.: 5.780 min
Delta R.T.: -0.002 min
Response: 220347958
Conc: 45.19 ng/ml



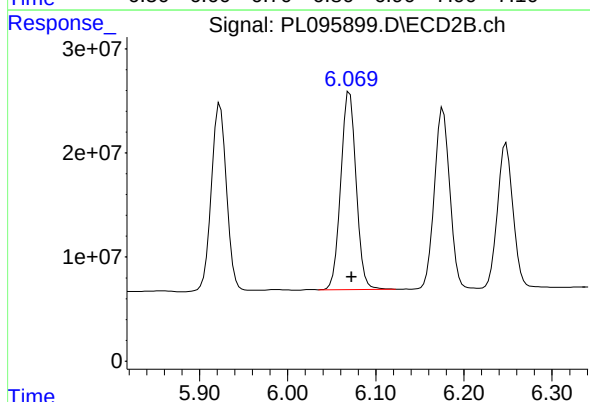
#15 Endosulfan II

R.T.: 6.813 min
Delta R.T.: -0.007 min
Response: 157311949
Conc: 45.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
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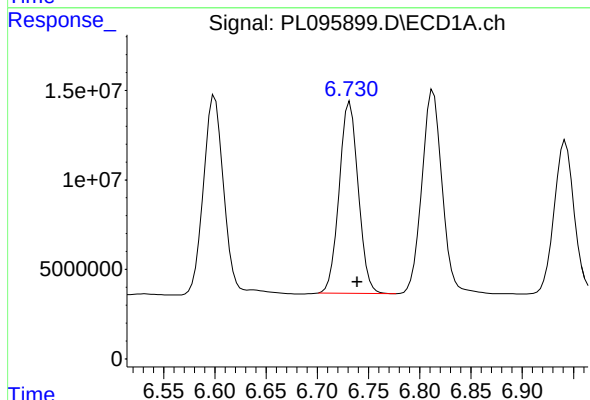
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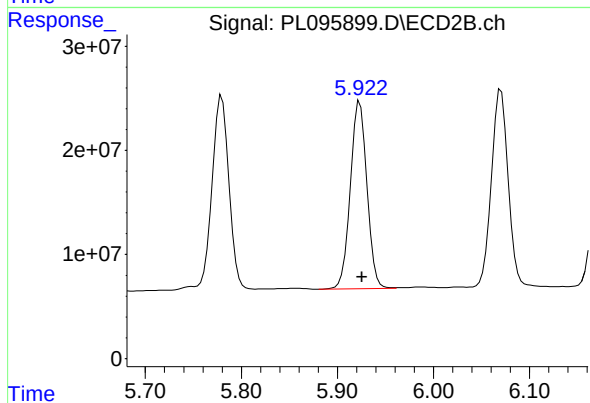
#15 Endosulfan II

R.T.: 6.069 min
Delta R.T.: -0.004 min
Response: 230677458
Conc: 48.55 ng/ml m



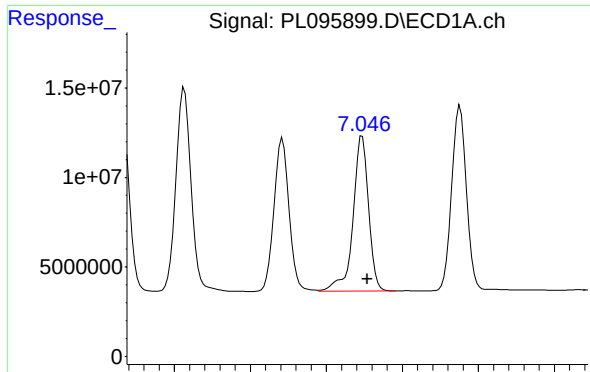
#16 4,4'-DDD

R.T.: 6.732 min
Delta R.T.: -0.007 min
Response: 137916749
Conc: 47.06 ng/ml



#16 4,4'-DDD

R.T.: 5.923 min
Delta R.T.: -0.002 min
Response: 216256020
Conc: 49.32 ng/ml



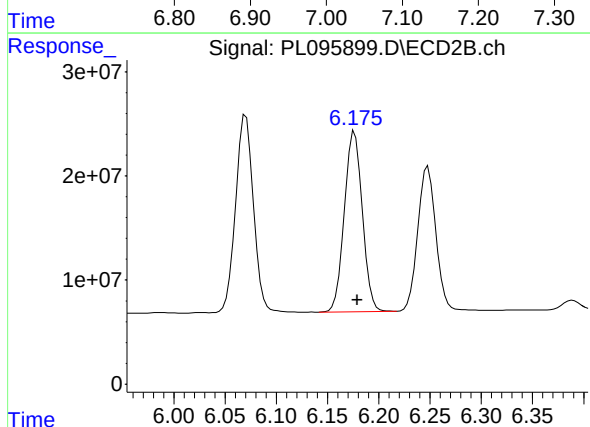
#17 4,4'-DDT

R.T.: 7.047 min
Delta R.T.: -0.007 min
Response: 123812733
Conc: 45.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
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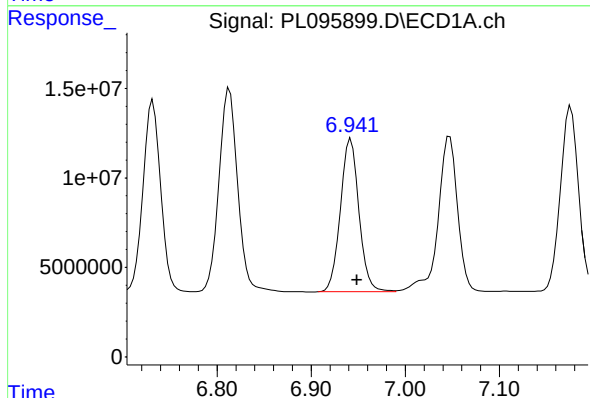
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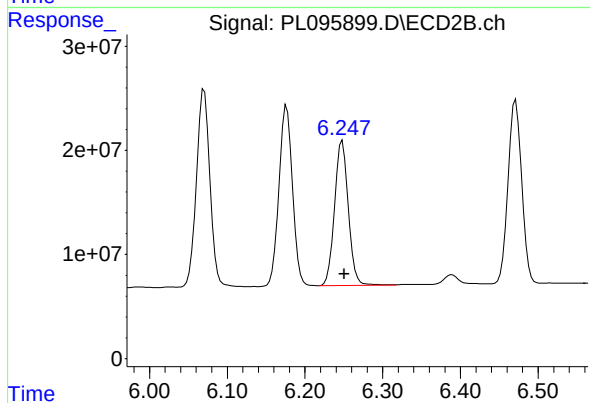
#17 4,4'-DDT

R.T.: 6.176 min
Delta R.T.: -0.003 min
Response: 211349269
Conc: 44.19 ng/ml



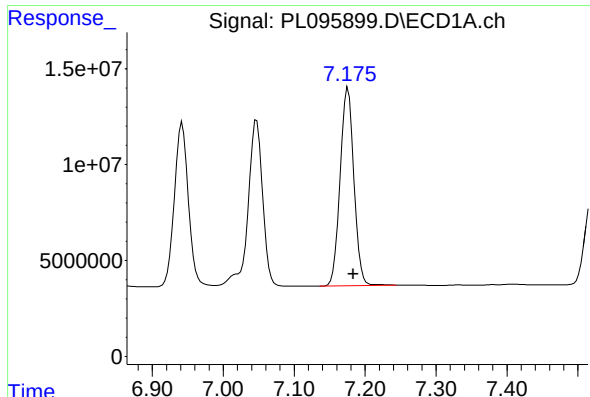
#18 Endrin aldehyde

R.T.: 6.942 min
Delta R.T.: -0.006 min
Response: 117028308
Conc: 48.41 ng/ml



#18 Endrin aldehyde

R.T.: 6.248 min
Delta R.T.: -0.003 min
Response: 172363236
Conc: 49.90 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.176 min
Delta R.T.: -0.007 min
Response: 139008190
Conc: 46.54 ng/ml

Instrument :

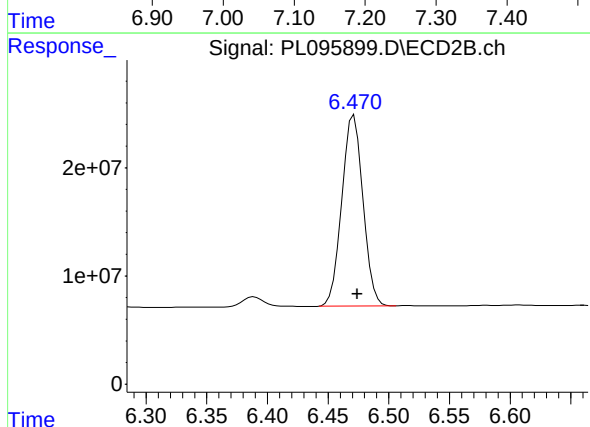
ECD_L

ClientSampleId :

OR-400-CF-402B-COMP-23MSD

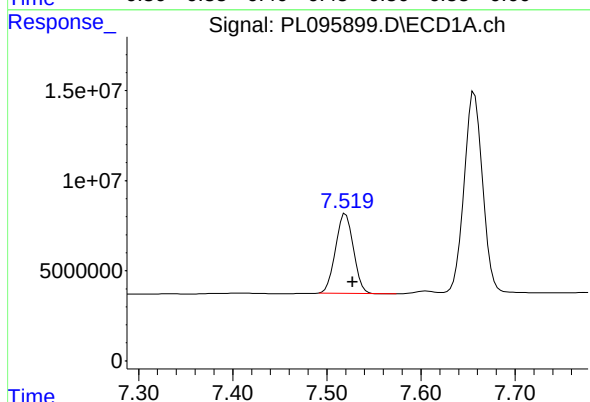
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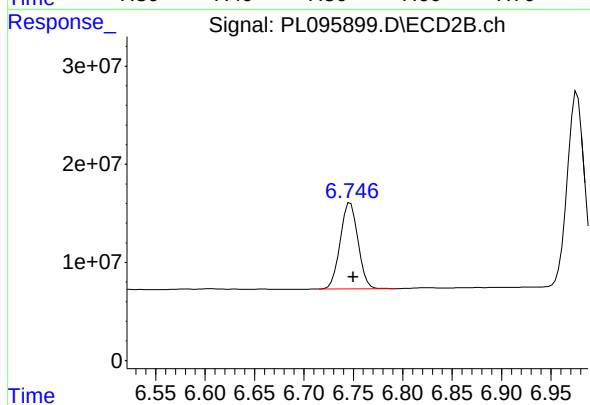
#19 Endosulfan Sulfate

R.T.: 6.471 min
Delta R.T.: -0.003 min
Response: 214413893
Conc: 47.70 ng/ml



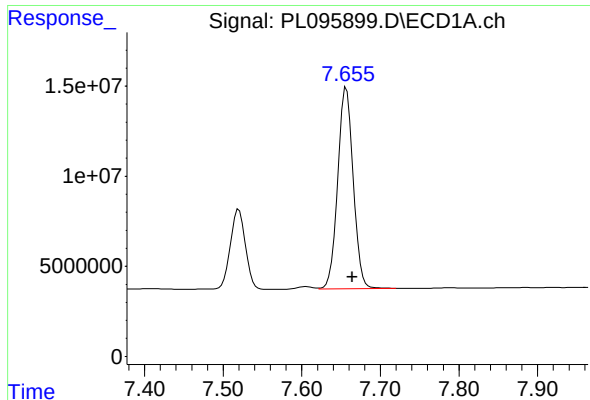
#20 Methoxychlor

R.T.: 7.520 min
Delta R.T.: -0.008 min
Response: 58348964
Conc: 45.75 ng/ml



#20 Methoxychlor

R.T.: 6.747 min
Delta R.T.: -0.003 min
Response: 109517407
Conc: 41.86 ng/ml



#21 Endrin ketone

R.T.: 7.657 min
Delta R.T.: -0.008 min
Response: 152928611
Conc: 48.29 ng/ml

Instrument :

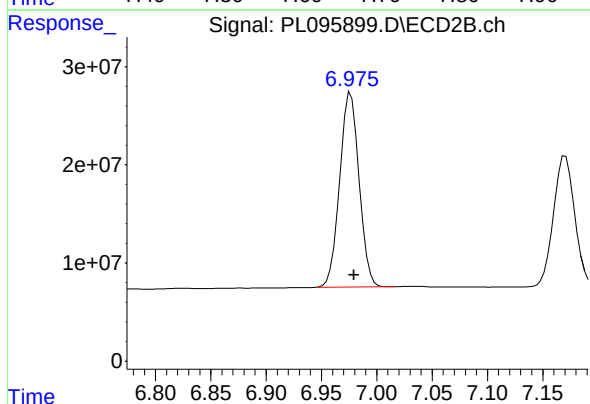
ECD_L

ClientSampleId :

OR-400-CF-402B-COMP-23MSD

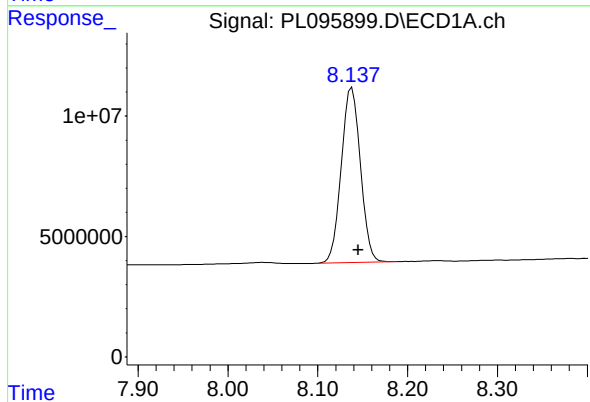
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/04/2025
Supervised By :mohammad ahmed 06/05/2025



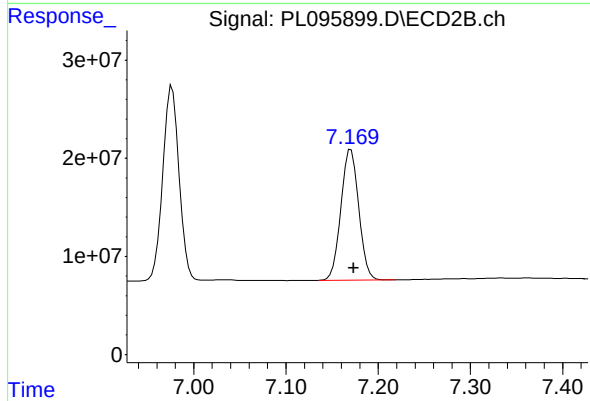
#21 Endrin ketone

R.T.: 6.977 min
Delta R.T.: -0.003 min
Response: 242106832
Conc: 46.79 ng/ml



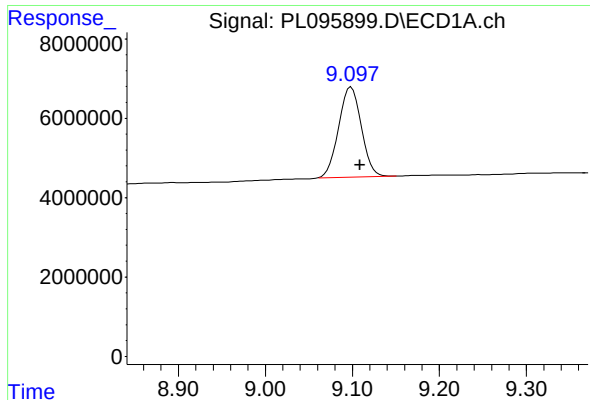
#22 Mirex

R.T.: 8.138 min
Delta R.T.: -0.007 min
Response: 107208636
Conc: 46.34 ng/ml



#22 Mirex

R.T.: 7.170 min
Delta R.T.: -0.003 min
Response: 178353296
Conc: 43.92 ng/ml



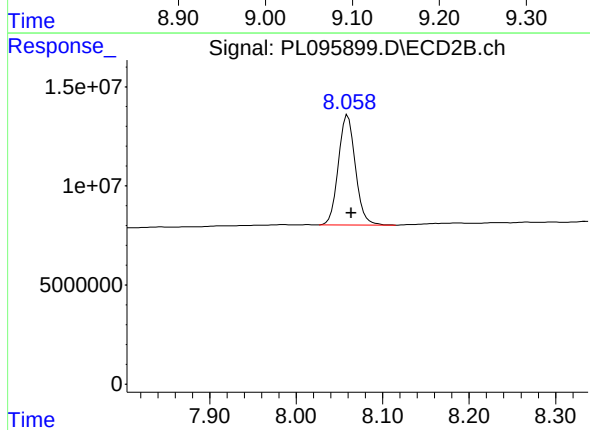
#28 Decachlorobiphenyl

R.T.: 9.099 min
Delta R.T.: -0.010 min
Response: 41242495
Conc: 17.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
OR-400-CF-402B-COMP-23MSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 8.060 min
Delta R.T.: -0.004 min
Response: 74886259
Conc: 17.12 ng/ml