

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042325\
 Data File : PD088236.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Apr 2025 12:11
 Operator : AR\AJ
 Sample : Q1832-06MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PL-714-COMP-01MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/24/2025
 Supervised By : mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 24 01:31:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
 Quant Title : GC Extractables
 QLast Update : Sat Apr 19 06:32:27 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 x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

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

System Monitoring Compounds						
1) SA Tetrachlo...	3.551	2.883	39282990	257.7E6	19.667m	17.627
2) SA Decachlor...	9.074	8.076	66644282	358.4E6	20.146	19.392
Target Compounds						
2) A alpha-BHC	4.001	3.396	209.0E6	998.3E6	48.459	43.666
3) MA gamma-BHC...	4.332	3.732	202.7E6	922.2E6	48.397	42.814
4) MA Heptachlor	4.931	4.086	189.6E6	889.1E6	46.948	41.548
5) MB Aldrin	5.273	4.371	185.0E6	885.5E6	46.846	42.566
6) B beta-BHC	4.516	4.027	77399375	399.1E6	47.678	43.123
7) B delta-BHC	4.765	4.264	205.8E6	928.3E6	49.898	43.662
8) B Heptachlo...	5.692	4.875	170.3E6	816.6E6	47.652	43.218
9) A Endosulfan I	6.076	5.249	161.4E6	771.3E6	47.783	42.818
10) B gamma-Chl...	5.947	5.128	171.9E6	877.9E6	47.473	43.254
11) B alpha-Chl...	6.028	5.193	171.0E6	839.2E6	47.386	42.810
12) B 4,4'-DDE	6.196	5.377	151.9E6	834.6E6	46.059	42.380m
13) MA Dieldrin	6.348	5.516	173.3E6	854.0E6	48.553	42.842
14) MA Endrin	6.575	5.792	141.3E6	794.3E6	47.376	43.638
15) B Endosulfa...	6.787	6.082	146.3E6	757.0E6	46.806	43.205m
16) A 4,4'-DDD	6.706	5.932	122.0E6	714.2E6	48.501	43.584
17) MA 4,4'-DDT	7.020	6.186	121.5E6	742.3E6	43.750m	43.621
18) B Endrin al...	6.916	6.261	111.2E6	590.2E6	48.179	44.371
19) B Endosulfa...	7.150	6.485	136.4E6	744.4E6	47.424	43.446
20) A Methoxychlor	7.494	6.756	66646313	374.2E6	44.444	41.022m
21) B Endrin ke...	7.631	6.994	149.1E6	804.3E6	48.307	43.001
22) Mirex	8.115	7.188	108.2E6	596.7E6	46.063	40.260

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042325\
Data File : PD088236.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Apr 2025 12:11
Operator : AR\AJ
Sample : Q1832-06MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

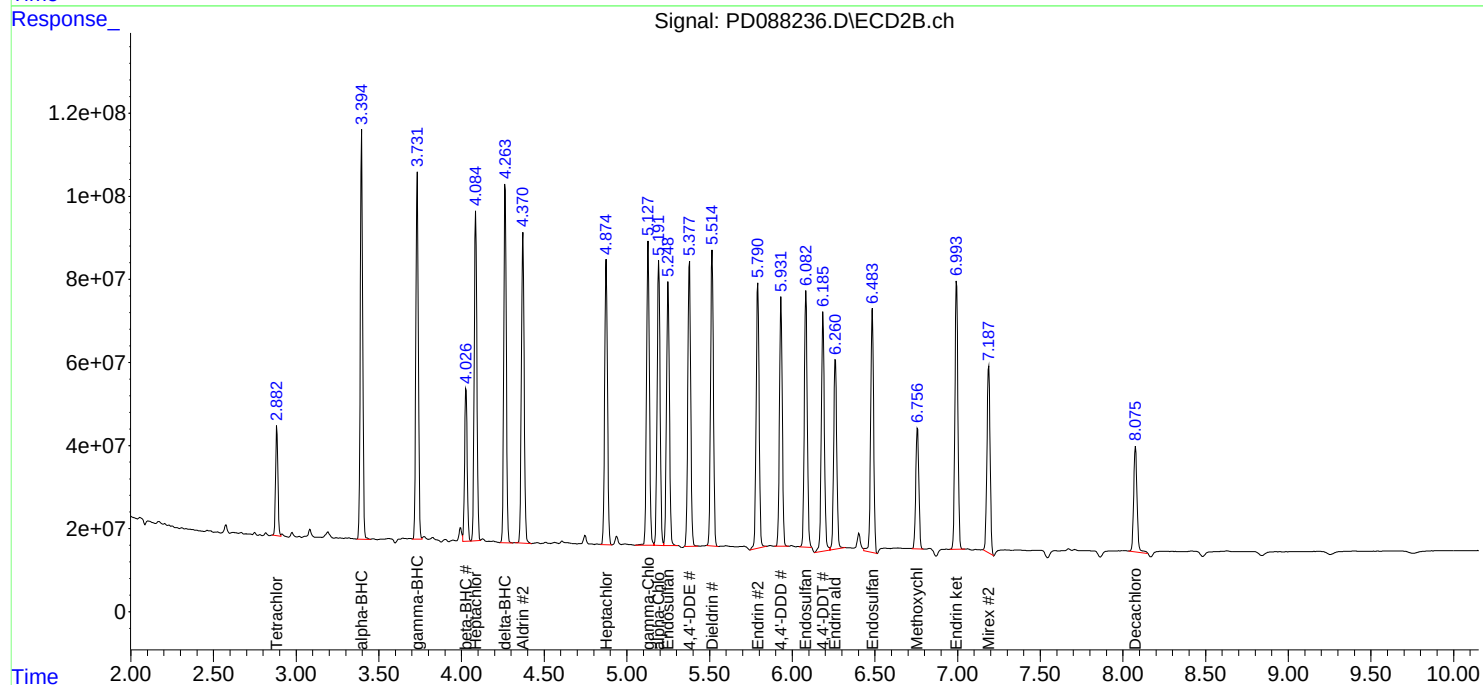
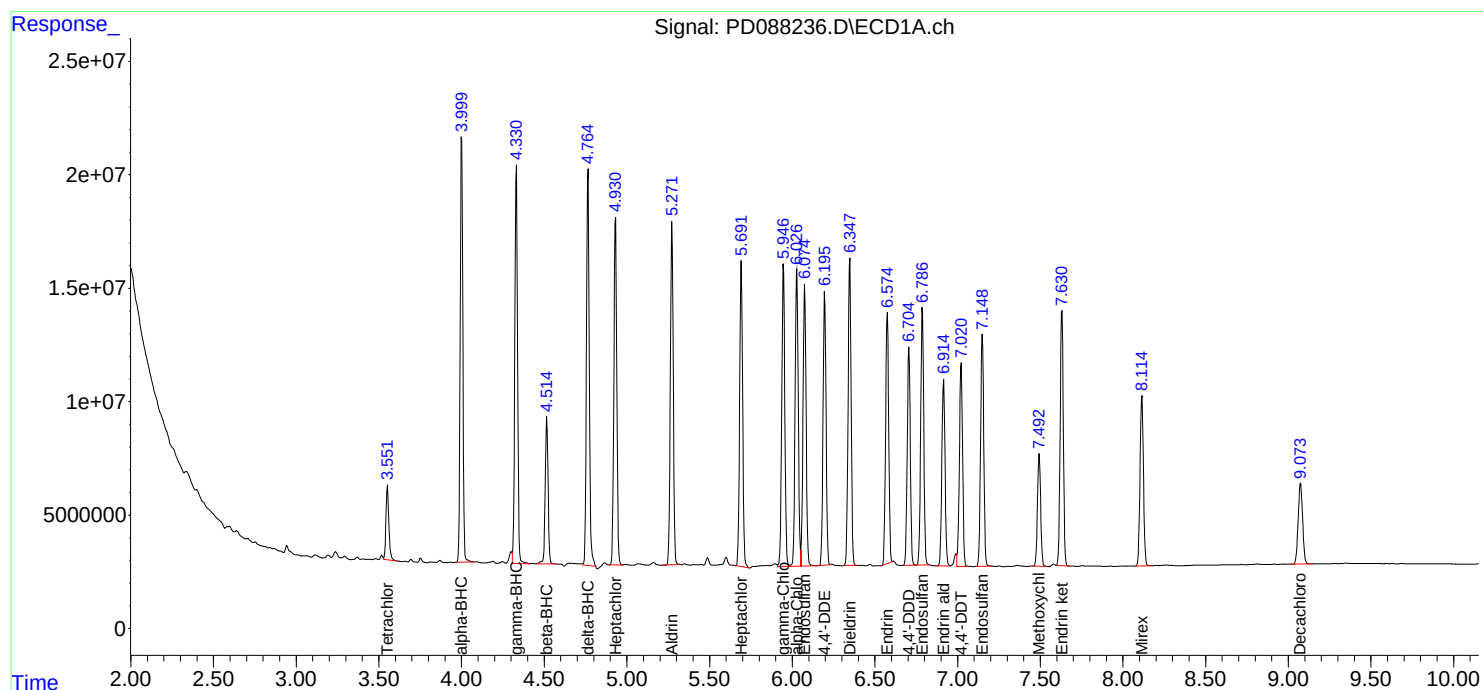
Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-01MS

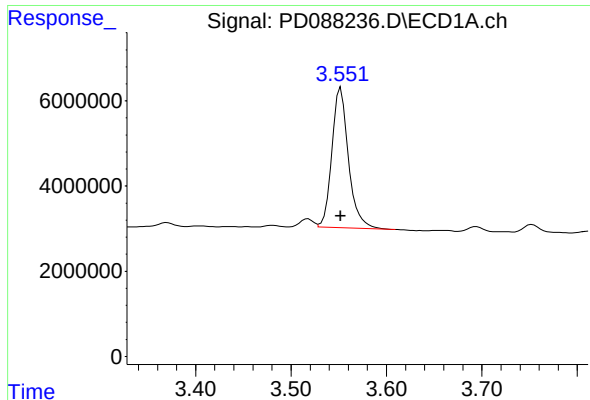
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/24/2025
Supervised By :mohammad ahmed 04/26/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 24 01:31:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
Quant Title : GC Extractables
QLast Update : Sat Apr 19 06:32:27 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 x 0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm





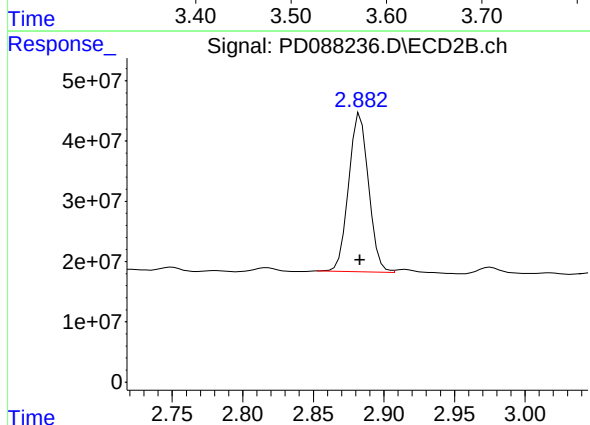
#1 Tetrachloro-m-xylene

R.T.: 3.551 min
Delta R.T.: -0.001 min
Response: 39282990
Conc: 19.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-01MS

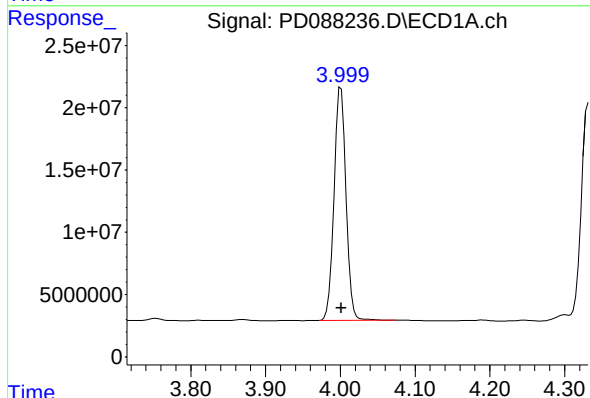
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/24/2025
Supervised By :mohammad ahmed 04/26/2025



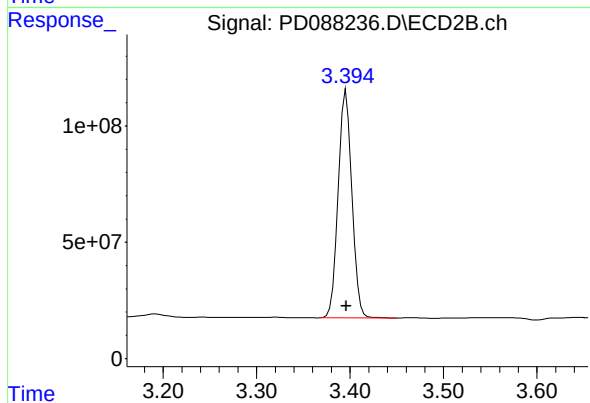
#1 Tetrachloro-m-xylene

R.T.: 2.883 min
Delta R.T.: 0.000 min
Response: 257740851
Conc: 17.63 ng/ml



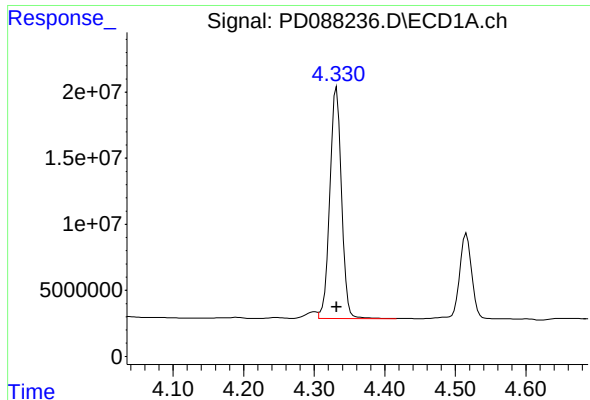
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: 0.000 min
Response: 208954814
Conc: 48.46 ng/ml



#2 alpha-BHC

R.T.: 3.396 min
Delta R.T.: 0.000 min
Response: 998266028
Conc: 43.67 ng/ml



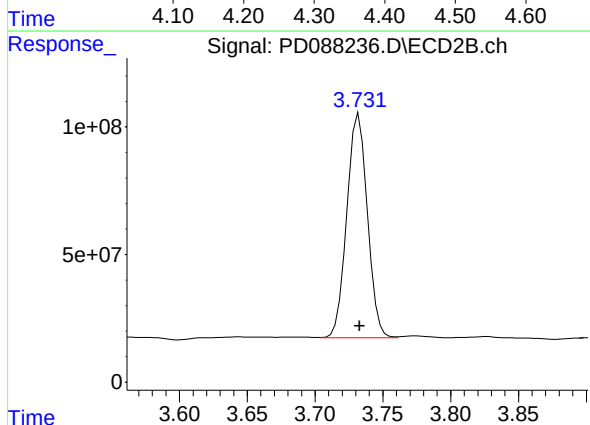
#3 gamma-BHC (Lindane)

R.T.: 4.332 min
Delta R.T.: 0.000 min
Response: 202661584
Conc: 48.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-01MS

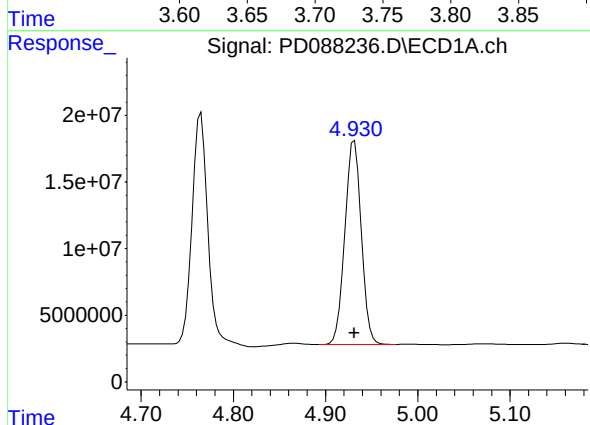
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/24/2025
Supervised By :mohammad ahmed 04/26/2025



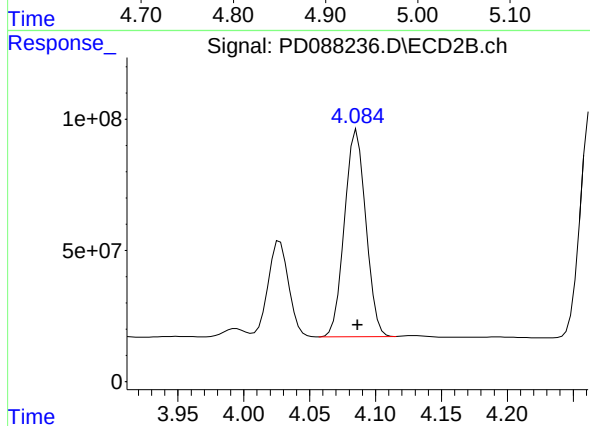
#3 gamma-BHC (Lindane)

R.T.: 3.732 min
Delta R.T.: 0.000 min
Response: 922153629
Conc: 42.81 ng/ml



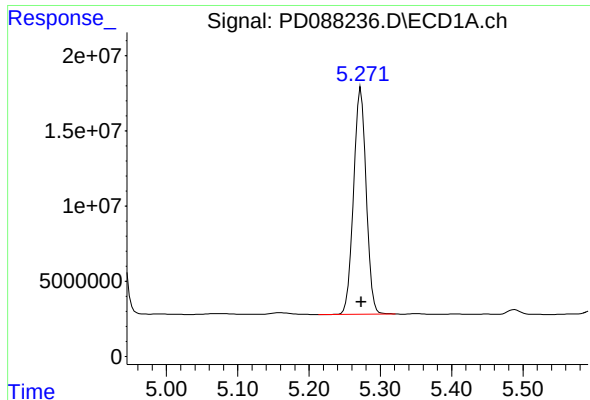
#4 Heptachlor

R.T.: 4.931 min
Delta R.T.: 0.000 min
Response: 189622785
Conc: 46.95 ng/ml



#4 Heptachlor

R.T.: 4.086 min
Delta R.T.: 0.000 min
Response: 889056181
Conc: 41.55 ng/ml



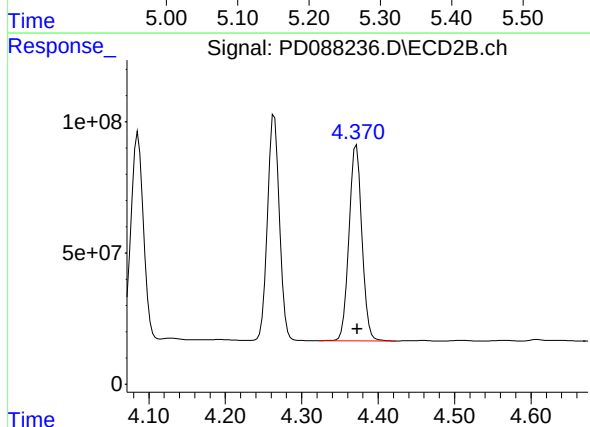
#5 Aldrin

R.T.: 5.273 min
Delta R.T.: 0.000 min
Response: 185023128
Conc: 46.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-01MS

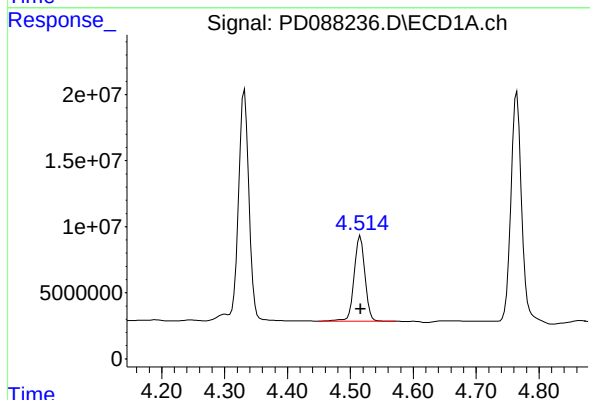
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/24/2025
Supervised By :mohammad ahmed 04/26/2025



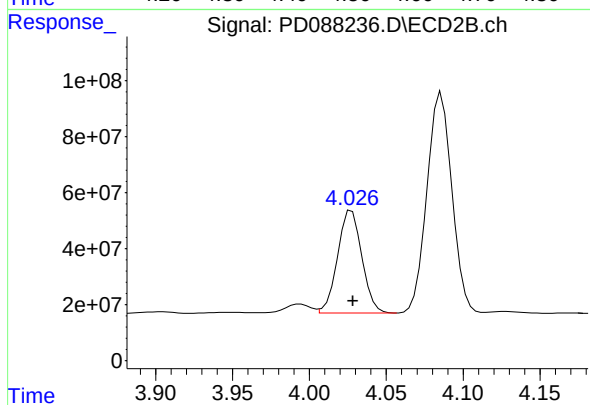
#5 Aldrin

R.T.: 4.371 min
Delta R.T.: -0.001 min
Response: 885489055
Conc: 42.57 ng/ml



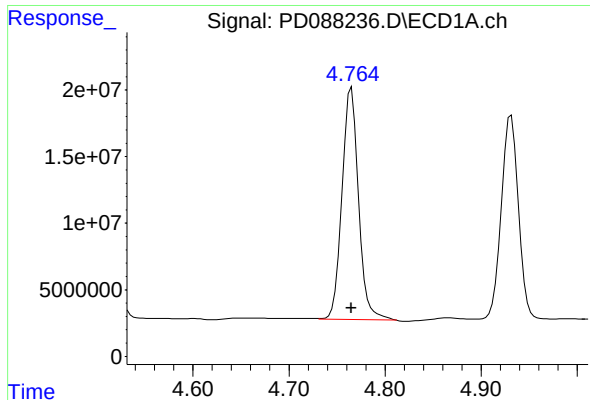
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 77399375
Conc: 47.68 ng/ml



#6 beta-BHC

R.T.: 4.027 min
Delta R.T.: 0.000 min
Response: 399061425
Conc: 43.12 ng/ml



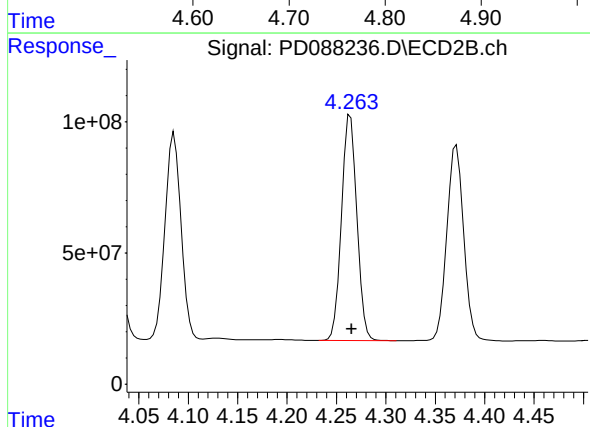
#7 delta-BHC

R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 205825958
Conc: 49.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-01MS

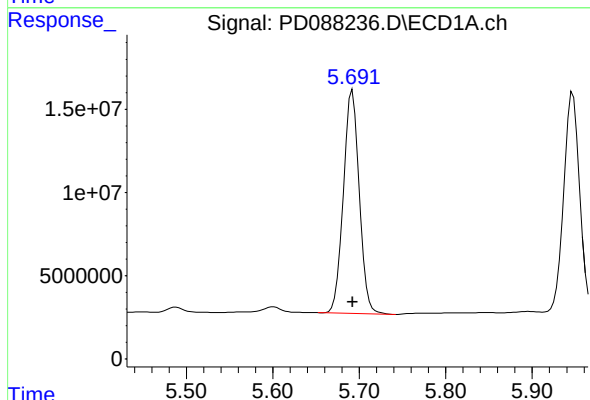
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/24/2025
Supervised By :mohammad ahmed 04/26/2025



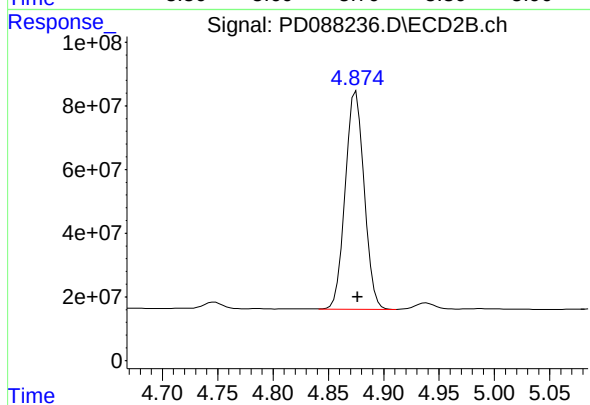
#7 delta-BHC

R.T.: 4.264 min
Delta R.T.: -0.001 min
Response: 928322485
Conc: 43.66 ng/ml



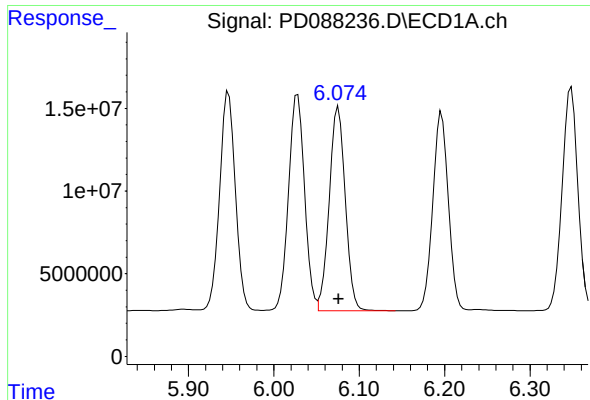
#8 Heptachlor epoxide

R.T.: 5.692 min
Delta R.T.: 0.000 min
Response: 170305296
Conc: 47.65 ng/ml



#8 Heptachlor epoxide

R.T.: 4.875 min
Delta R.T.: -0.002 min
Response: 816581727
Conc: 43.22 ng/ml



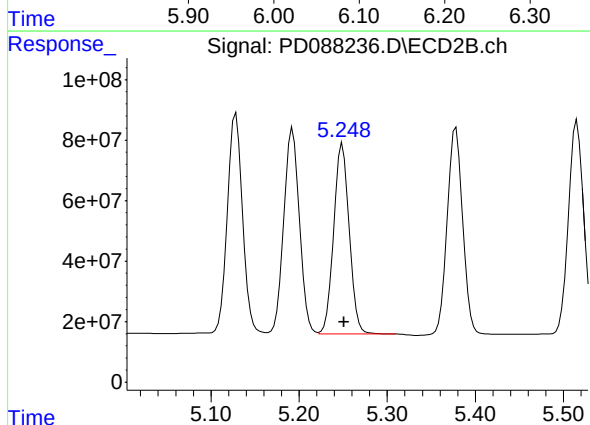
#9 Endosulfan I

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 161368604
Conc: 47.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-01MS

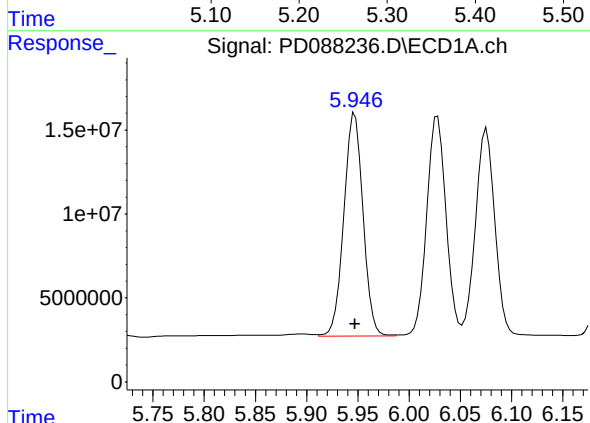
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/24/2025
Supervised By :mohammad ahmed 04/26/2025



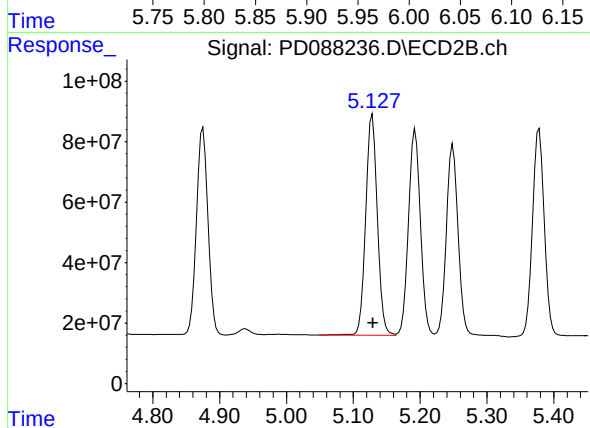
#9 Endosulfan I

R.T.: 5.249 min
Delta R.T.: -0.002 min
Response: 771257541
Conc: 42.82 ng/ml



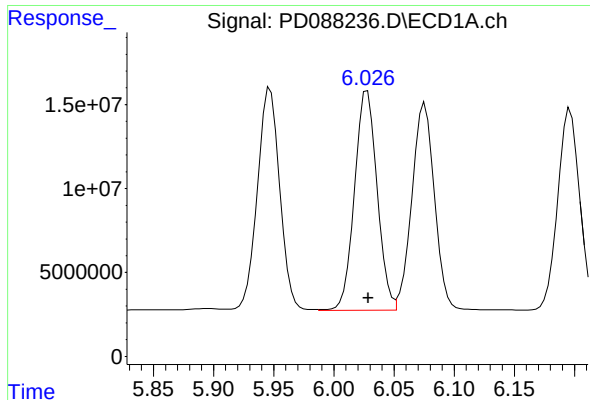
#10 gamma-Chlordane

R.T.: 5.947 min
Delta R.T.: 0.000 min
Response: 171948133
Conc: 47.47 ng/ml



#10 gamma-Chlordane

R.T.: 5.128 min
Delta R.T.: -0.001 min
Response: 877883335
Conc: 43.25 ng/ml



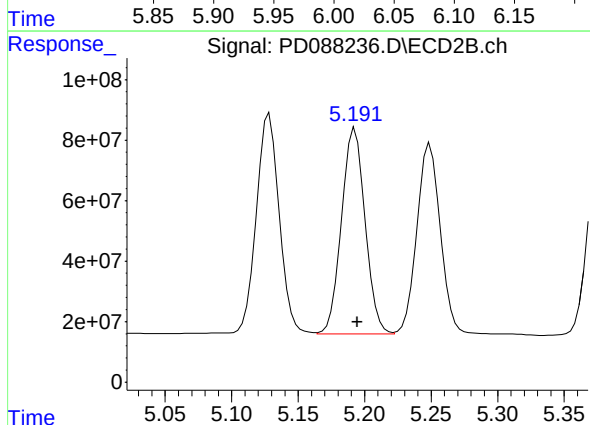
#11 alpha-Chlordane

R.T.: 6.028 min
Delta R.T.: 0.000 min
Response: 171044905
Conc: 47.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-01MS

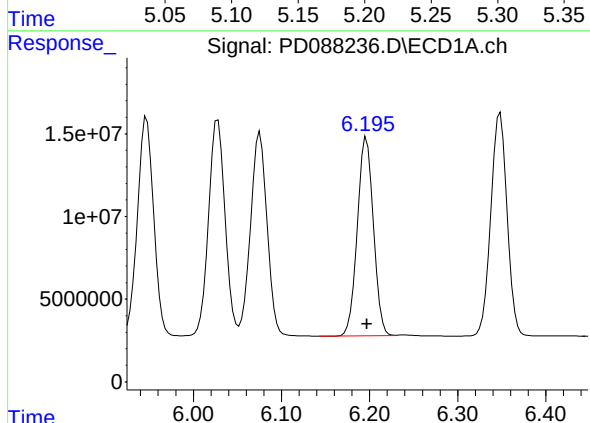
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/24/2025
Supervised By :mohammad ahmed 04/26/2025



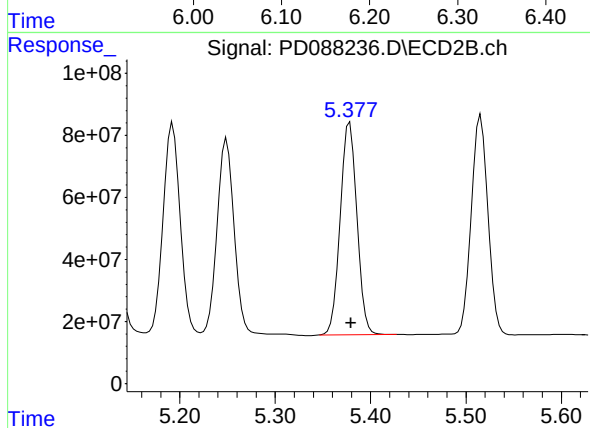
#11 alpha-Chlordane

R.T.: 5.193 min
Delta R.T.: -0.002 min
Response: 839194080
Conc: 42.81 ng/ml



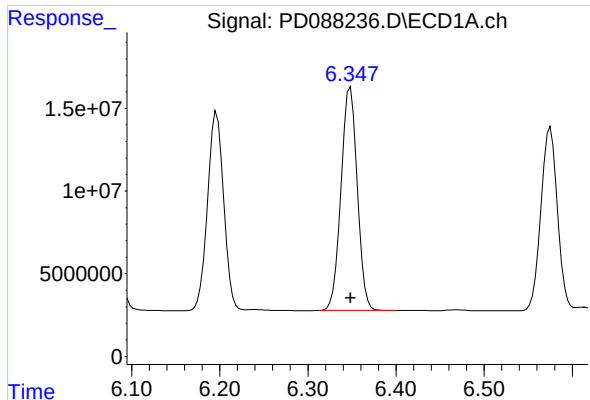
#12 4,4'-DDE

R.T.: 6.196 min
Delta R.T.: 0.000 min
Response: 151915318
Conc: 46.06 ng/ml



#12 4,4'-DDE

R.T.: 5.377 min
Delta R.T.: -0.003 min
Response: 834638890
Conc: 42.38 ng/ml m



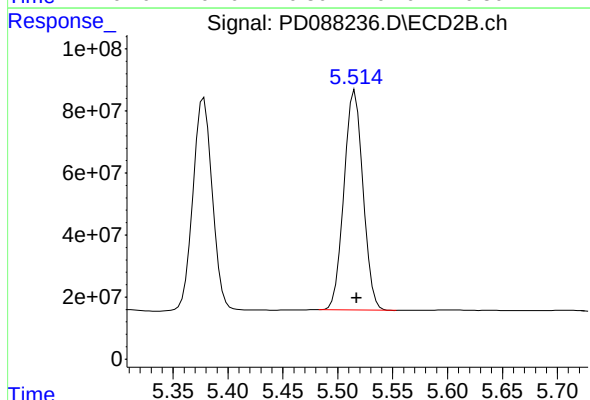
#13 Dieldrin

R.T.: 6.348 min
Delta R.T.: 0.000 min
Response: 173260700
Conc: 48.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-01MS

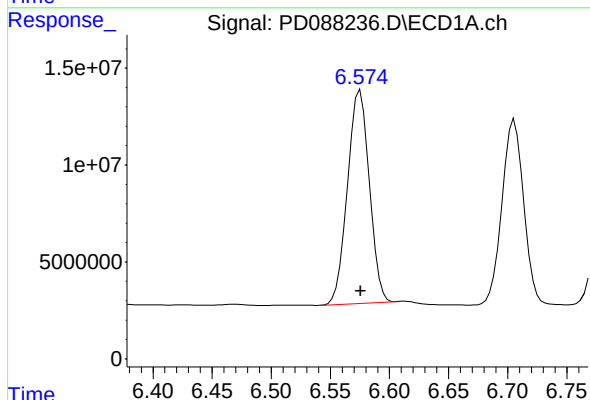
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/24/2025
Supervised By :mohammad ahmed 04/26/2025



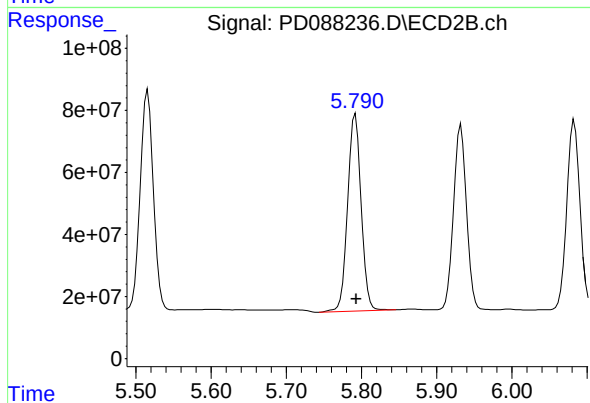
#13 Dieldrin

R.T.: 5.516 min
Delta R.T.: -0.001 min
Response: 853963589
Conc: 42.84 ng/ml



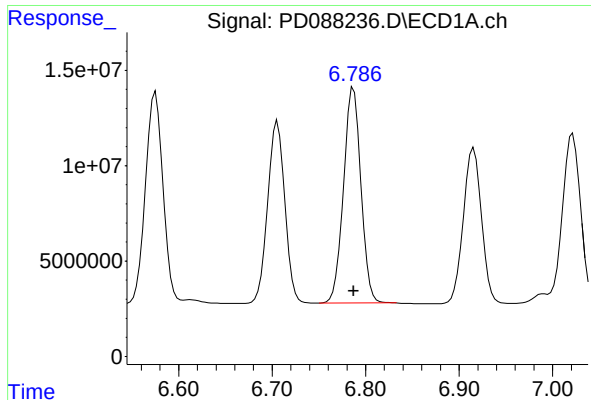
#14 Endrin

R.T.: 6.575 min
Delta R.T.: 0.000 min
Response: 141302614
Conc: 47.38 ng/ml



#14 Endrin

R.T.: 5.792 min
Delta R.T.: -0.001 min
Response: 794315505
Conc: 43.64 ng/ml



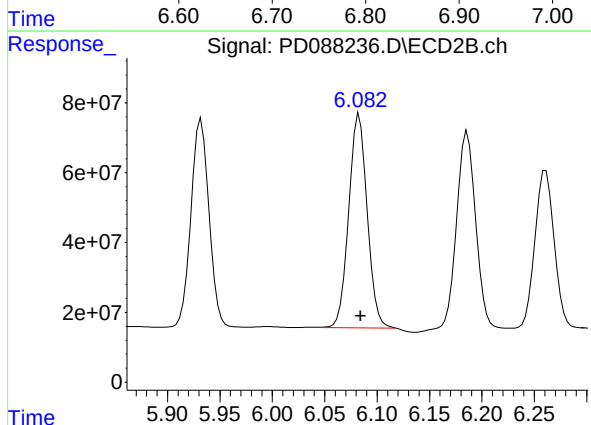
#15 Endosulfan II

R.T.: 6.787 min
Delta R.T.: 0.000 min
Response: 146325411
Conc: 46.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-01MS

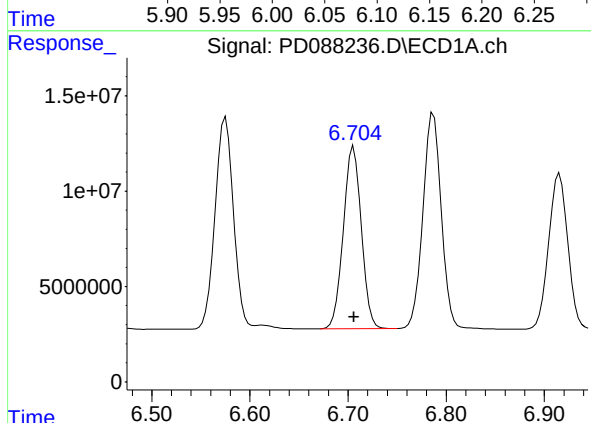
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/24/2025
Supervised By :mohammad ahmed 04/26/2025



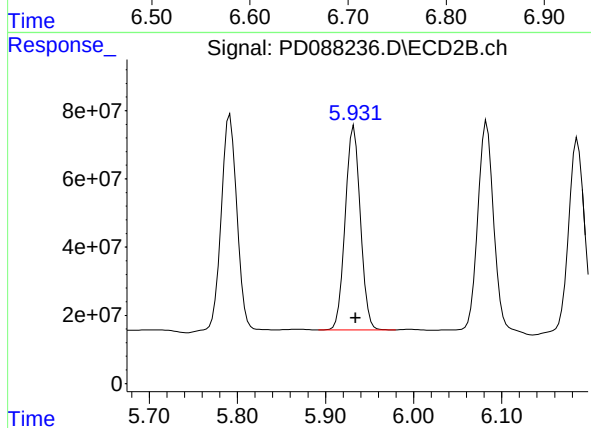
#15 Endosulfan II

R.T.: 6.082 min
Delta R.T.: -0.003 min
Response: 757025949
Conc: 43.21 ng/ml



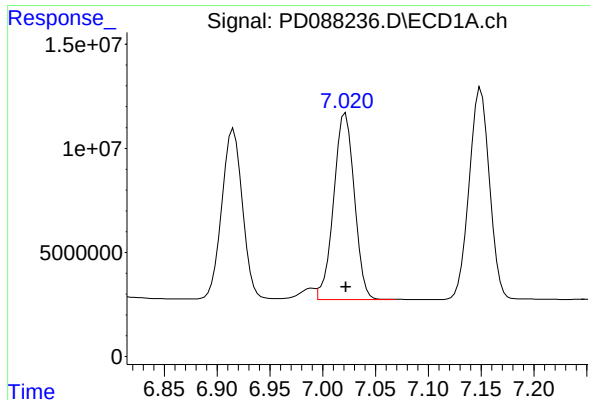
#16 4,4'-DDD

R.T.: 6.706 min
Delta R.T.: 0.000 min
Response: 121977032
Conc: 48.50 ng/ml



#16 4,4'-DDD

R.T.: 5.932 min
Delta R.T.: -0.002 min
Response: 714174641
Conc: 43.58 ng/ml



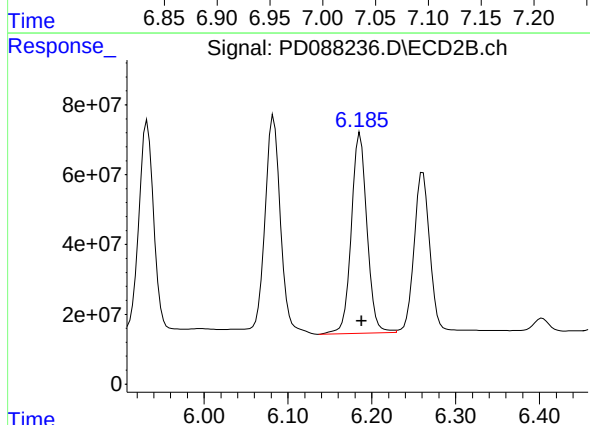
#17 4,4'-DDT

R.T.: 7.020 min
Delta R.T.: -0.002 min
Response: 121518708
Conc: 43.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-01MS

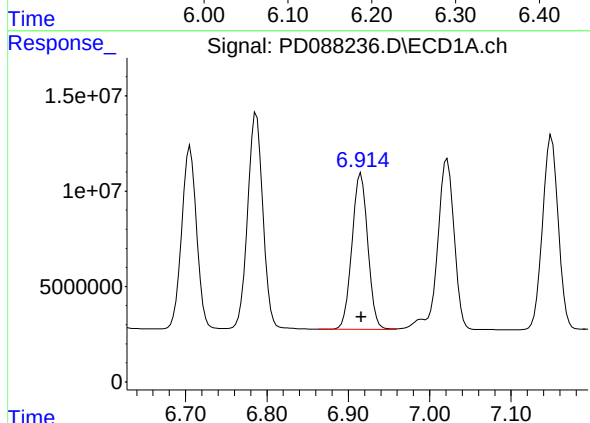
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/24/2025
Supervised By :mohammad ahmed 04/26/2025



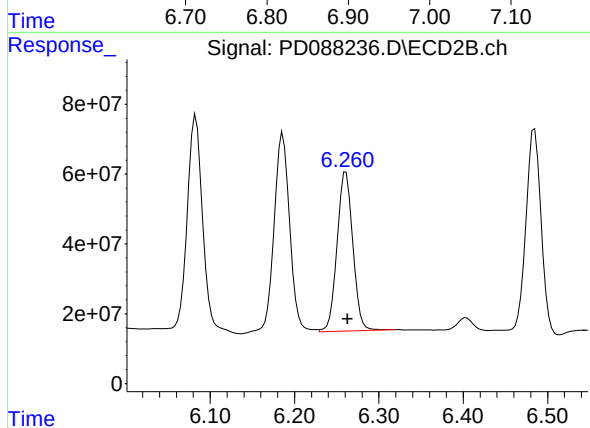
#17 4,4'-DDT

R.T.: 6.186 min
Delta R.T.: -0.002 min
Response: 742273024
Conc: 43.62 ng/ml



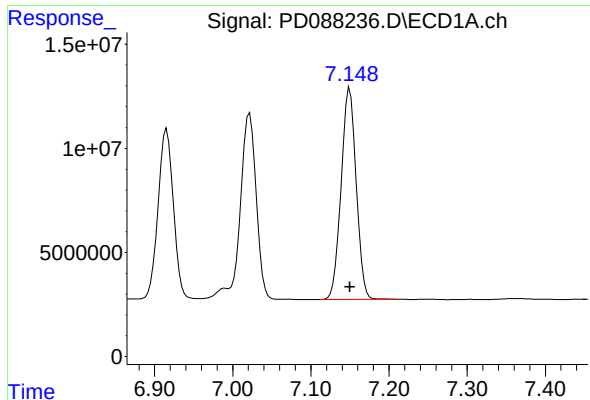
#18 Endrin aldehyde

R.T.: 6.916 min
Delta R.T.: 0.000 min
Response: 111197413
Conc: 48.18 ng/ml



#18 Endrin aldehyde

R.T.: 6.261 min
Delta R.T.: -0.002 min
Response: 590183627
Conc: 44.37 ng/ml



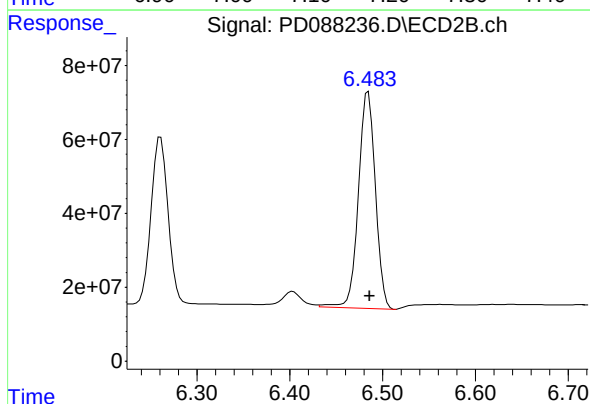
#19 Endosulfan Sulfate

R.T.: 7.150 min
Delta R.T.: 0.000 min
Response: 136382771
Conc: 47.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-01MS

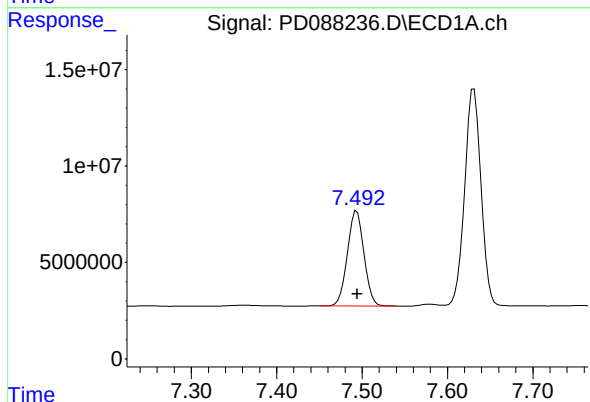
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/24/2025
Supervised By :mohammad ahmed 04/26/2025



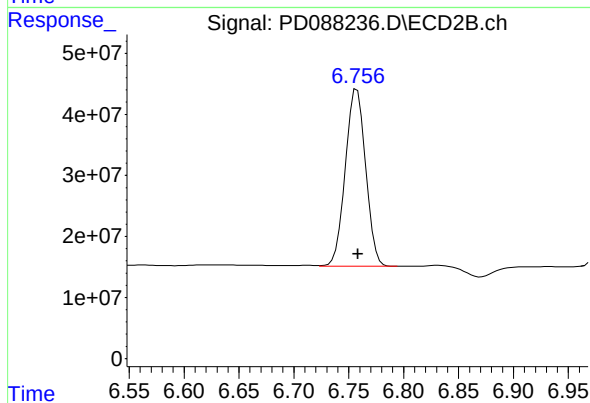
#19 Endosulfan Sulfate

R.T.: 6.485 min
Delta R.T.: -0.002 min
Response: 744362339
Conc: 43.45 ng/ml



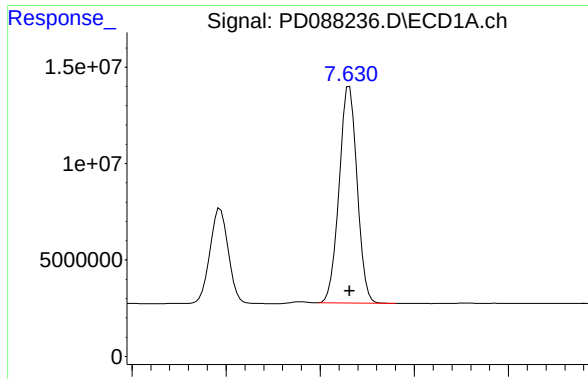
#20 Methoxychlor

R.T.: 7.494 min
Delta R.T.: 0.000 min
Response: 66646313
Conc: 44.44 ng/ml



#20 Methoxychlor

R.T.: 6.756 min
Delta R.T.: -0.003 min
Response: 374162232
Conc: 41.02 ng/ml m



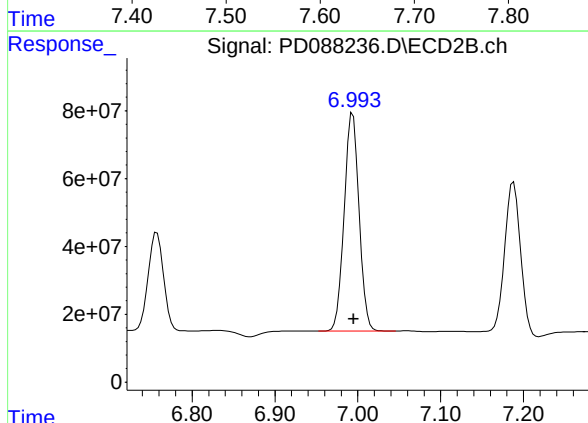
#21 Endrin ketone

R.T.: 7.631 min
Delta R.T.: 0.000 min
Response: 149104657
Conc: 48.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-01MS

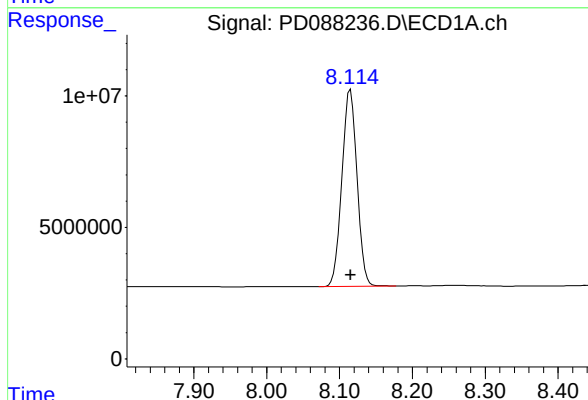
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/24/2025
Supervised By :mohammad ahmed 04/26/2025



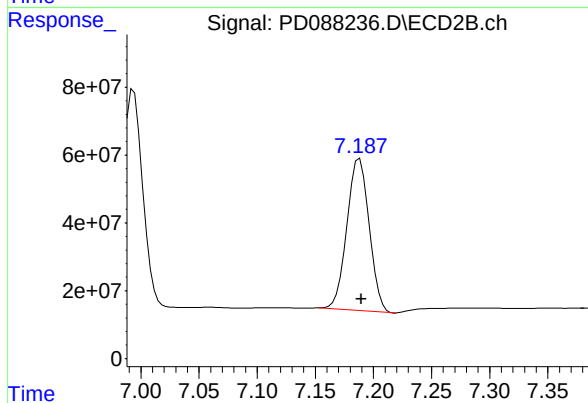
#21 Endrin ketone

R.T.: 6.994 min
Delta R.T.: -0.001 min
Response: 804297671
Conc: 43.00 ng/ml



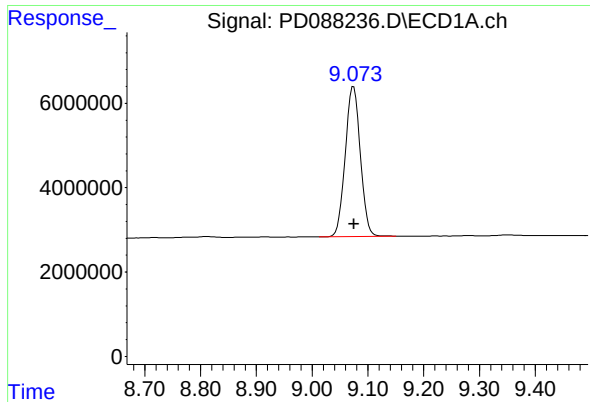
#22 Mirex

R.T.: 8.115 min
Delta R.T.: 0.000 min
Response: 108169979
Conc: 46.06 ng/ml



#22 Mirex

R.T.: 7.188 min
Delta R.T.: -0.002 min
Response: 596687909
Conc: 40.26 ng/ml



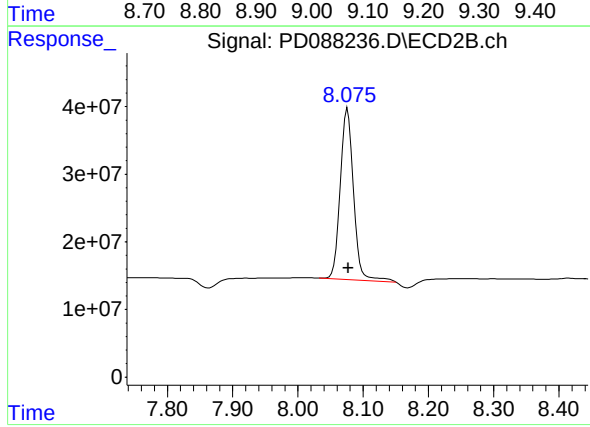
#28 Decachlorobiphenyl

R.T.: 9.074 min
Delta R.T.: 0.000 min
Response: 66644282
Conc: 20.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PL-714-COMP-01MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/24/2025
Supervised By :mohammad ahmed 04/26/2025



#28 Decachlorobiphenyl

R.T.: 8.076 min
Delta R.T.: 0.000 min
Response: 358362307
Conc: 19.39 ng/ml