

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040125\
 Data File : PL094992.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Apr 2025 16:55
 Operator : AR\AJ
 Sample : Q1681-01MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TP-12MSD

Manual Integrations APPROVED

Reviewed By :Abdul Mirza 04/02/2025
 Supervised By :mohammad ahmed 04/03/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 02 01:24:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 11 17:42:21 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...	3.534	2.769	50963422	69431328	18.004m	19.453
28) SA Decachlor...	9.050	7.901	39481335	66014398	18.734	16.343
Target Compounds						
2) A alpha-BHC	3.991	3.271	172.5E6	256.4E6	41.545	47.558
3) MA gamma-BHC...	4.324	3.600	165.2E6	238.5E6	41.406	46.398
4) MA Heptachlor	4.912	3.938	155.5E6	229.6E6	40.060	43.585
5) MB Aldrin	5.253	4.217	150.7E6	217.1E6	40.807	44.529
6) B beta-BHC	4.523	3.901	75566899	102.8E6	40.953	46.265
7) B delta-BHC	4.768	4.129	174.5E6	223.2E6	44.805m	44.629
8) B Heptachlo...	5.681	4.720	134.5E6	205.9E6	40.217	44.963
9) A Endosulfan I	6.066	5.088	129.9E6	192.7E6	42.325	43.915m
10) B gamma-Chl...	5.935	4.968	131.1E6	212.6E6	38.921m	44.032m
11) B alpha-Chl...	6.015	5.032	138.9E6	210.0E6	42.132	43.999m
12) B 4,4'-DDE	6.189	5.221	137.5E6	216.3E6	46.750	46.533m
13) MA Dieldrin	6.341	5.352	138.1E6	210.9E6	43.185	43.469m
14) MA Endrin	6.571	5.627	113.5E6	198.4E6	40.929	45.471m
15) B Endosulfa...	6.791	5.923	94670376	184.3E6	34.873m	42.591m
16) A 4,4'-DDD	6.706	5.777	107.7E6	166.7E6	49.732m	46.356
17) MA 4,4'-DDT	7.021	6.027	102.4E6	179.8E6	43.060	44.593
18) B Endrin al...	6.921	6.103	90948174	144.5E6	43.083	42.940
19) B Endosulfa...	7.156	6.326	106.0E6	181.3E6	43.582	44.502
20) A Methoxychlor	7.497	6.601	54771687	91209800	45.755	43.002m
21) B Endrin ke...	7.641	6.830	122.0E6	200.8E6	46.139	42.072m
22) Mirex	8.113	7.009	86756656	152.9E6	41.987	40.297m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040125\
Data File : PL094992.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Apr 2025 16:55
Operator : AR\AJ
Sample : Q1681-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

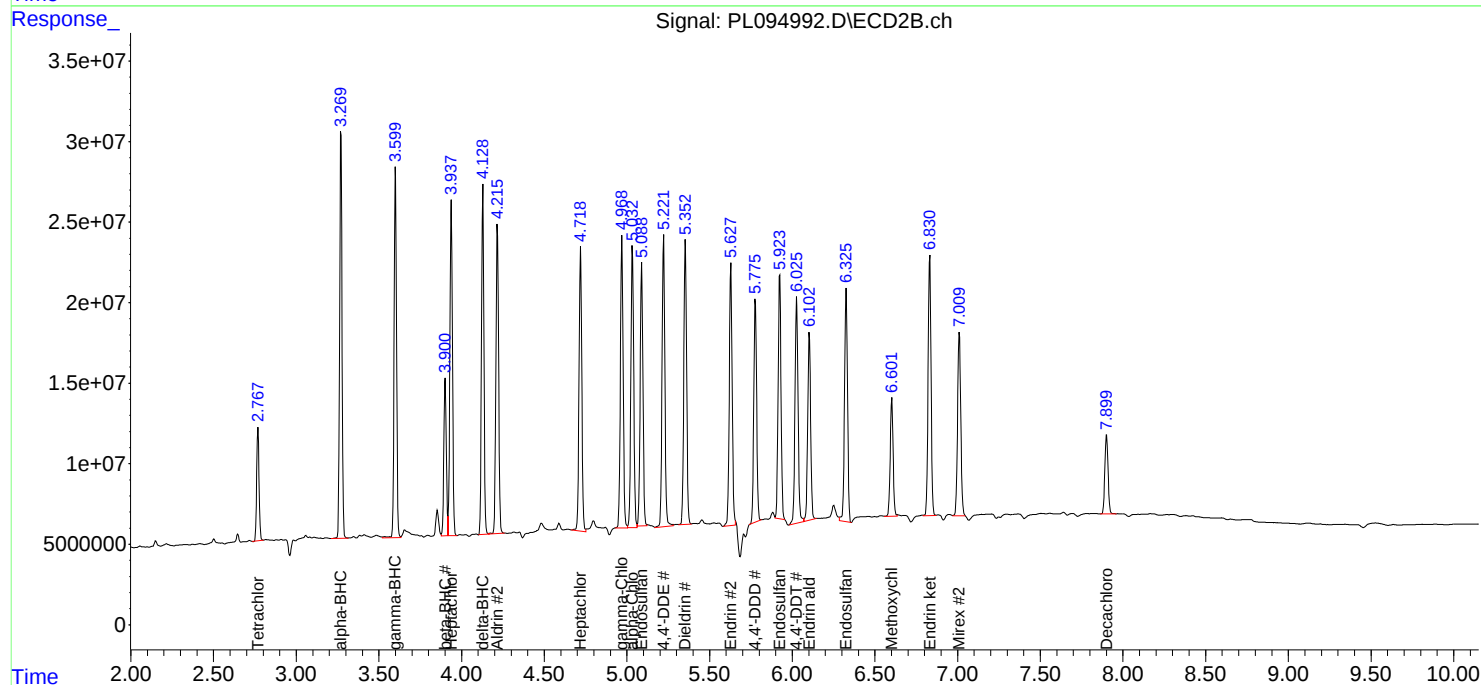
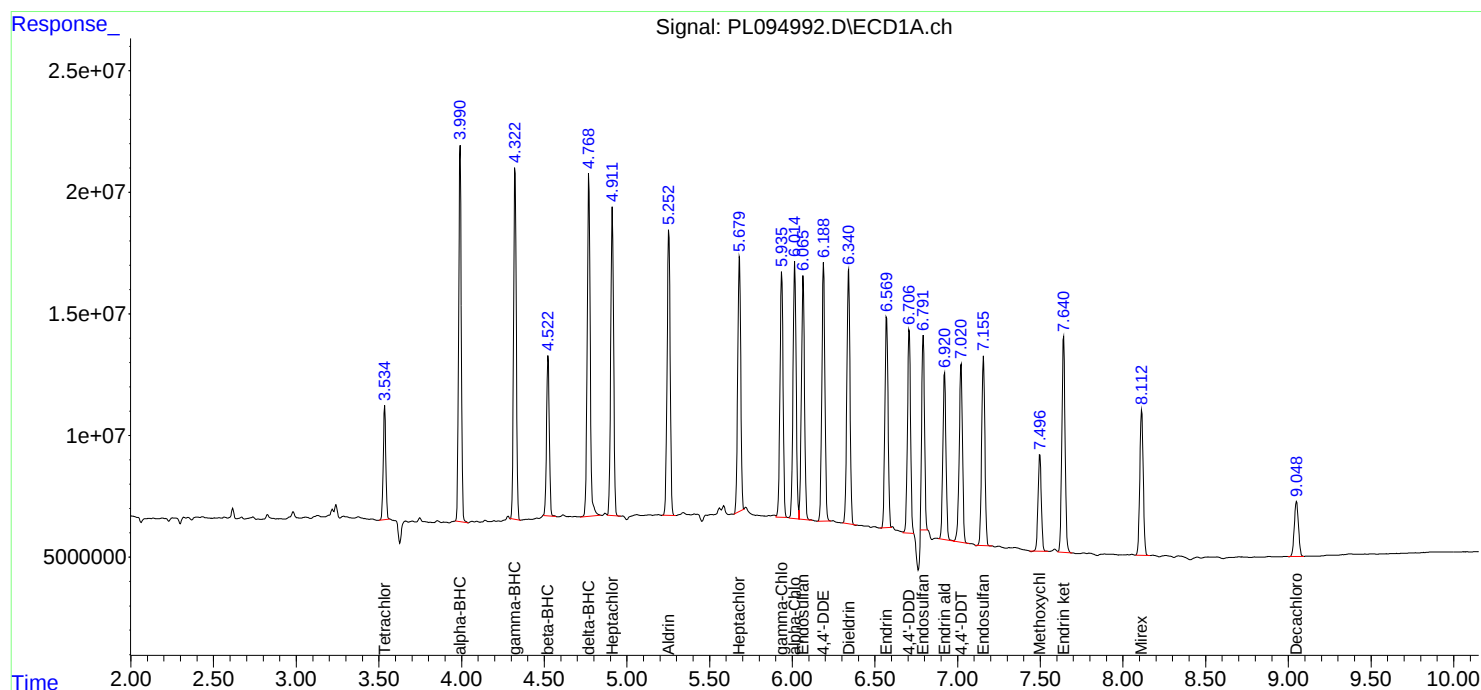
Instrument :
ECD_L
ClientSampleId :
TP-12MSD

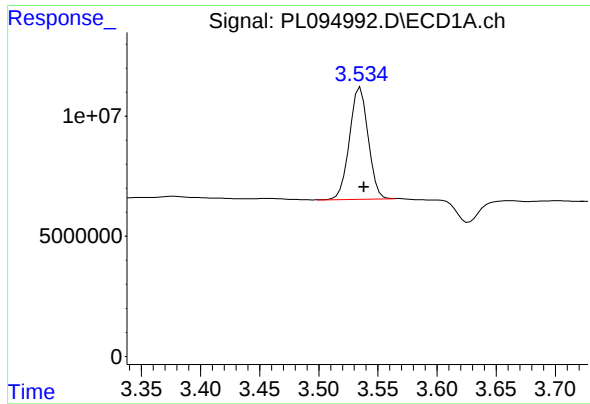
Manual Integrations
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Supervised By :mohammad ahmed 04/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 02 01:24:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
Quant Title : GC Extractables
QLast Update : Tue Mar 11 17:42:21 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





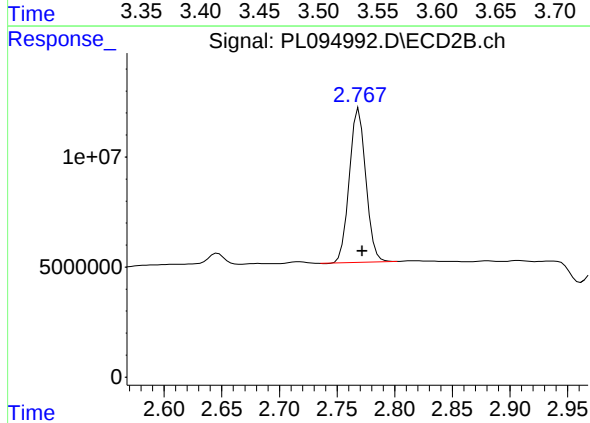
#1 Tetrachloro-m-xylene

R.T.: 3.534 min
Delta R.T.: -0.004 min
Response: 50963422
Conc: 18.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-12MSD

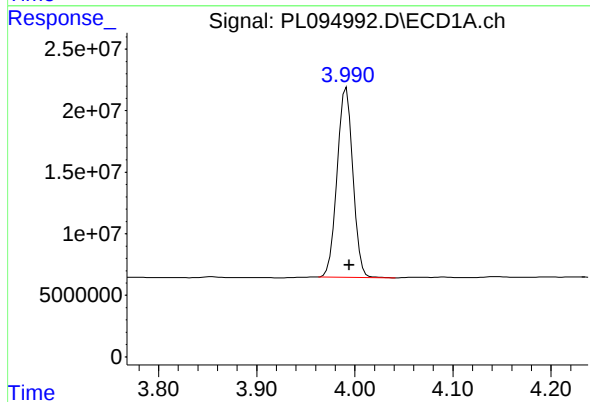
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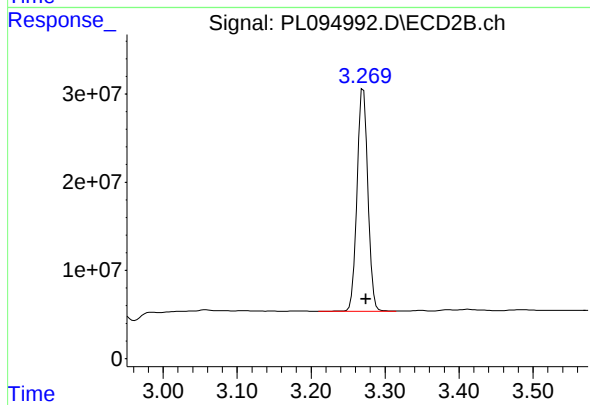
#1 Tetrachloro-m-xylene

R.T.: 2.769 min
Delta R.T.: -0.003 min
Response: 69431328
Conc: 19.45 ng/ml



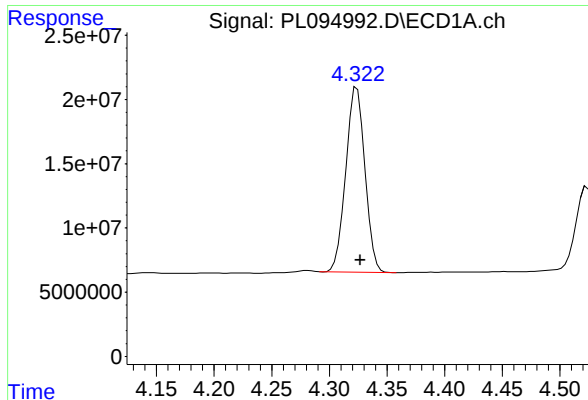
#2 alpha-BHC

R.T.: 3.991 min
Delta R.T.: -0.003 min
Response: 172507591
Conc: 41.54 ng/ml



#2 alpha-BHC

R.T.: 3.271 min
Delta R.T.: -0.004 min
Response: 256405165
Conc: 47.56 ng/ml



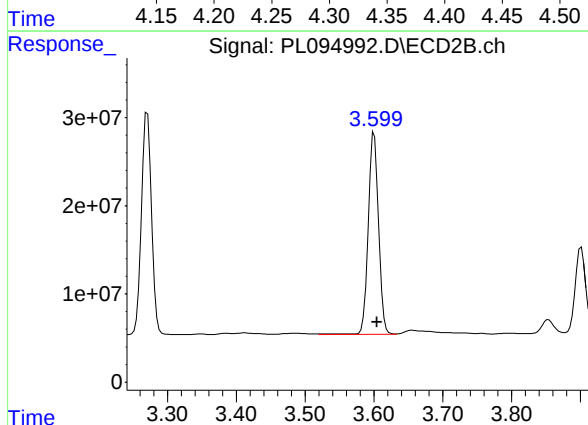
#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: -0.003 min
Response: 165219558
Conc: 41.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-12MSD

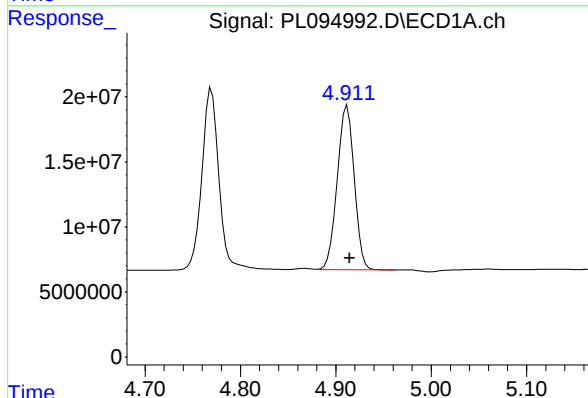
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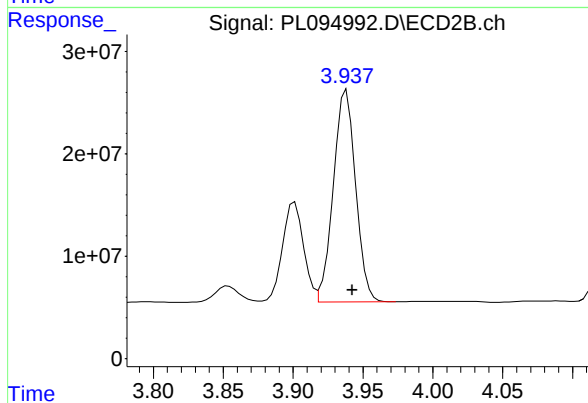
#3 gamma-BHC (Lindane)

R.T.: 3.600 min
Delta R.T.: -0.004 min
Response: 238460974
Conc: 46.40 ng/ml



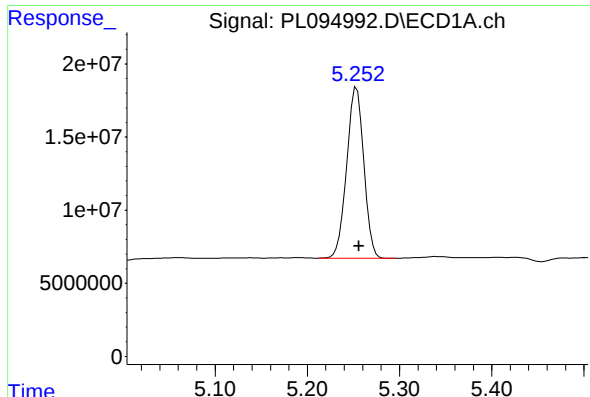
#4 Heptachlor

R.T.: 4.912 min
Delta R.T.: -0.003 min
Response: 155496841
Conc: 40.06 ng/ml



#4 Heptachlor

R.T.: 3.938 min
Delta R.T.: -0.004 min
Response: 229635468
Conc: 43.59 ng/ml



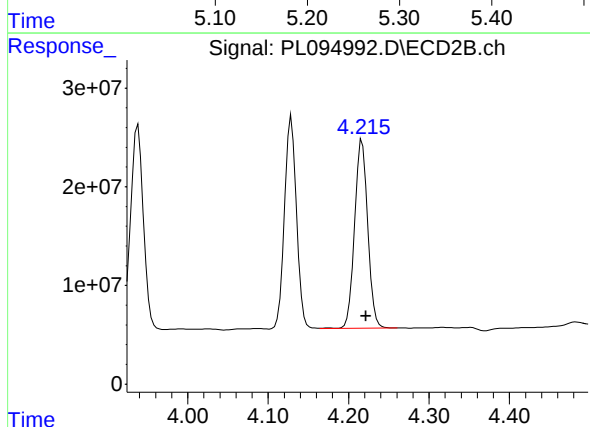
#5 Aldrin

R.T.: 5.253 min
Delta R.T.: -0.003 min
Response: 150666945
Conc: 40.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-12MSD

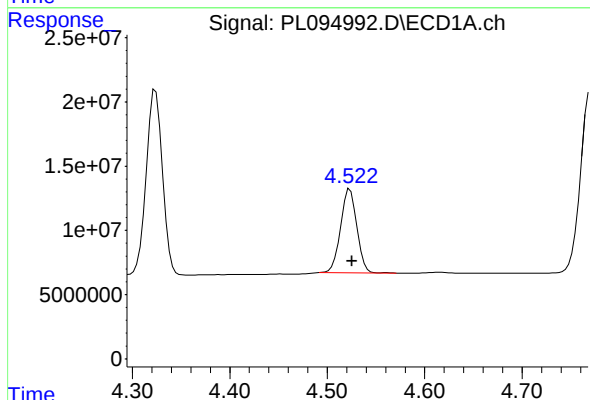
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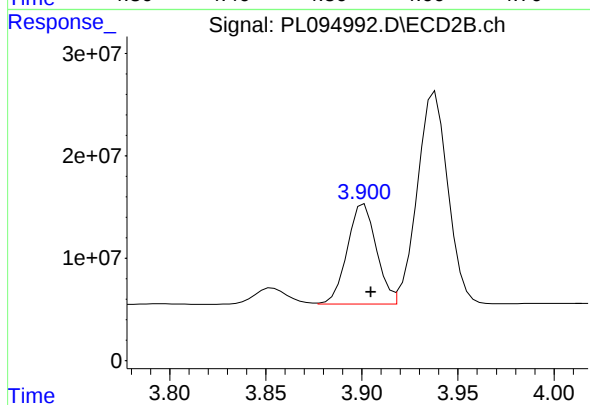
#5 Aldrin

R.T.: 4.217 min
Delta R.T.: -0.005 min
Response: 217138091
Conc: 44.53 ng/ml



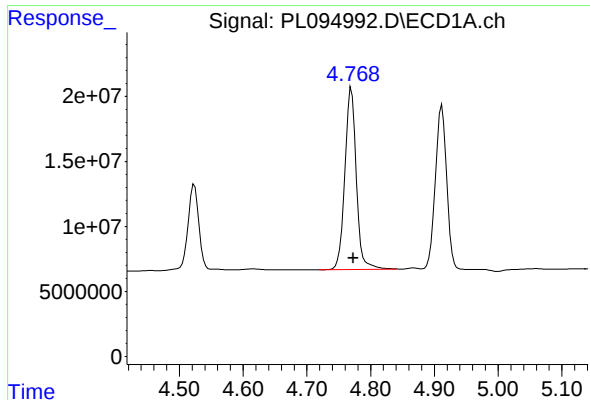
#6 beta-BHC

R.T.: 4.523 min
Delta R.T.: -0.002 min
Response: 75566899
Conc: 40.95 ng/ml



#6 beta-BHC

R.T.: 3.901 min
Delta R.T.: -0.004 min
Response: 102768464
Conc: 46.27 ng/ml



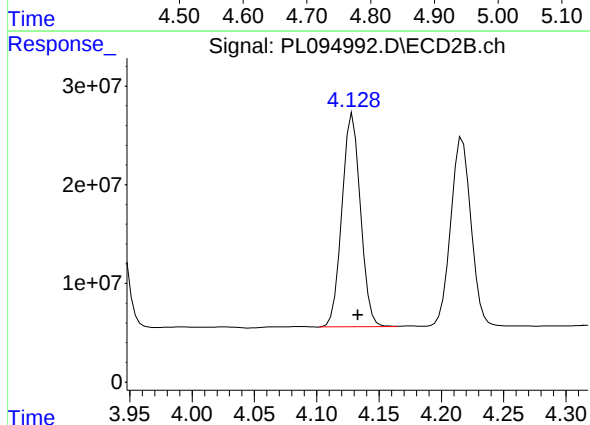
#7 delta-BHC

R.T.: 4.768 min
Delta R.T.: -0.004 min
Response: 174482916
Conc: 44.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-12MSD

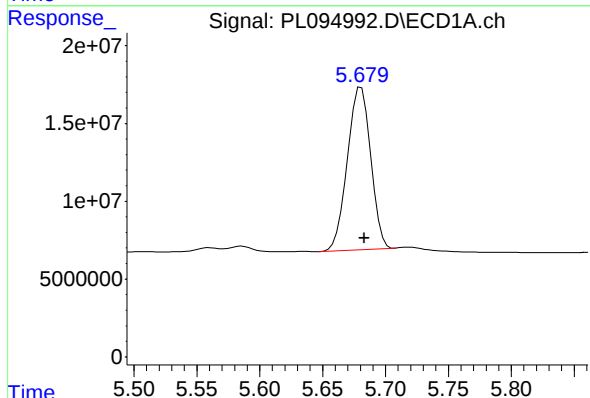
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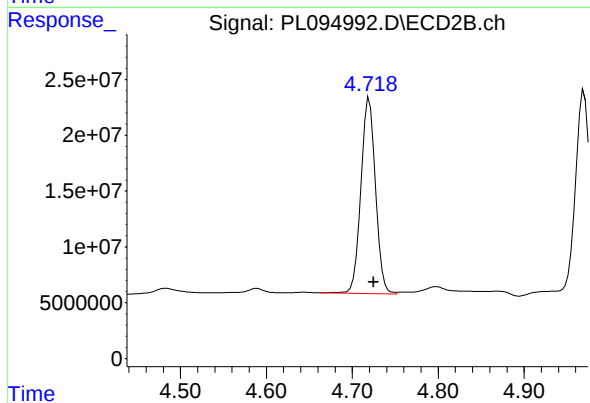
#7 delta-BHC

R.T.: 4.129 min
Delta R.T.: -0.004 min
Response: 223233301
Conc: 44.63 ng/ml



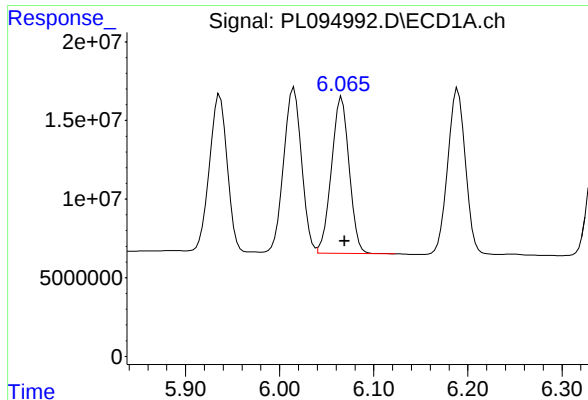
#8 Heptachlor epoxide

R.T.: 5.681 min
Delta R.T.: -0.002 min
Response: 134533460
Conc: 40.22 ng/ml



#8 Heptachlor epoxide

R.T.: 4.720 min
Delta R.T.: -0.005 min
Response: 205865689
Conc: 44.96 ng/ml



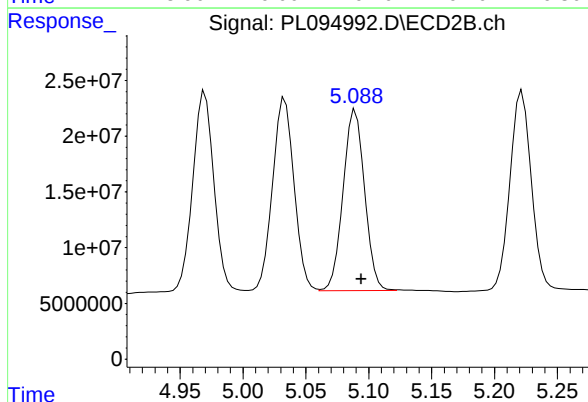
#9 Endosulfan I

R.T.: 6.066 min
Delta R.T.: -0.003 min
Response: 129947312
Conc: 42.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-12MSD

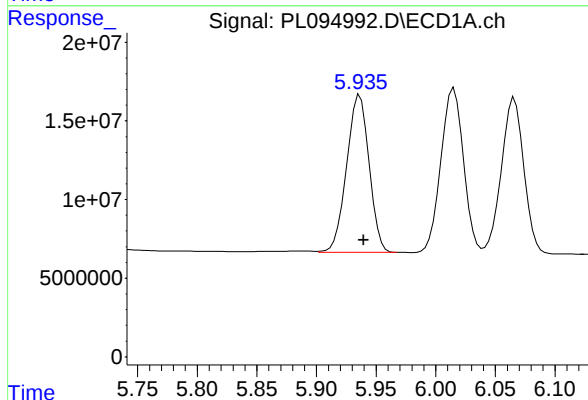
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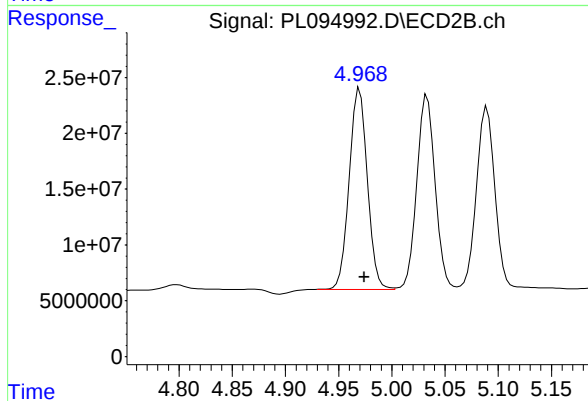
#9 Endosulfan I

R.T.: 5.088 min
Delta R.T.: -0.006 min
Response: 192731453
Conc: 43.92 ng/ml m



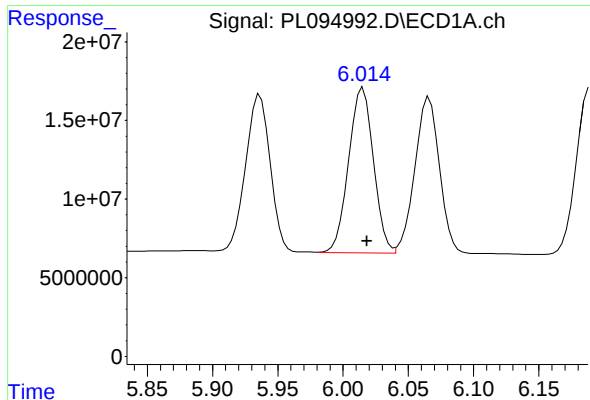
#10 gamma-Chlordane

R.T.: 5.935 min
Delta R.T.: -0.005 min
Response: 131137639
Conc: 38.92 ng/ml m



#10 gamma-Chlordane

R.T.: 4.968 min
Delta R.T.: -0.006 min
Response: 212603772
Conc: 44.03 ng/ml m



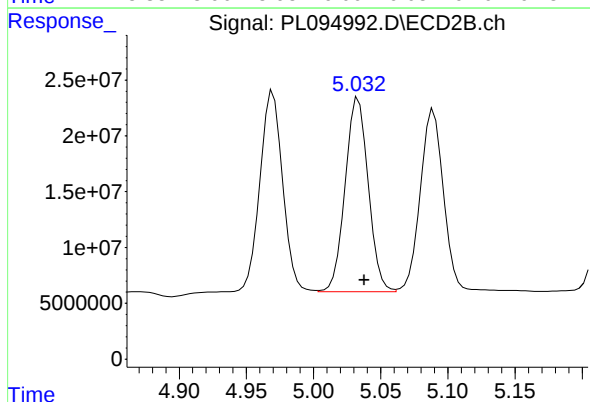
#11 alpha-Chlordane

R.T.: 6.015 min
Delta R.T.: -0.003 min
Response: 138901318
Conc: 42.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-12MSD

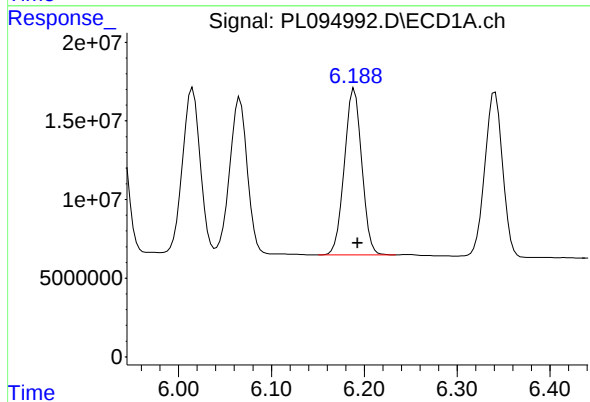
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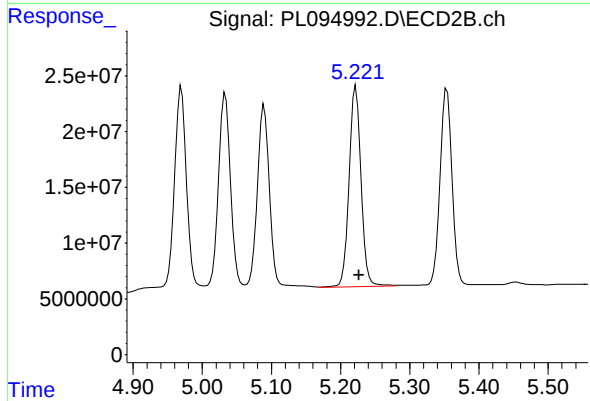
#11 alpha-Chlordane

R.T.: 5.032 min
Delta R.T.: -0.006 min
Response: 209994965
Conc: 44.00 ng/ml m



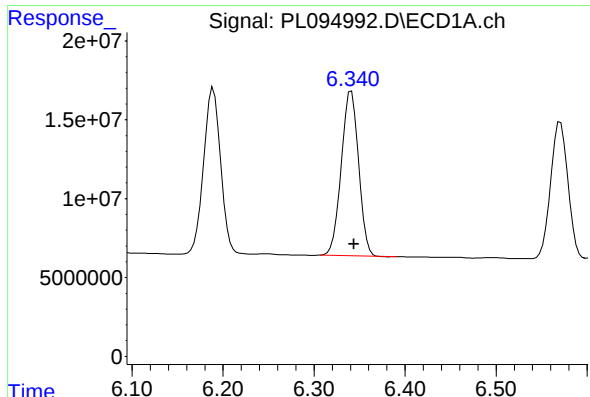
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: -0.004 min
Response: 137542294
Conc: 46.75 ng/ml



#12 4,4'-DDE

R.T.: 5.221 min
Delta R.T.: -0.006 min
Response: 216309027
Conc: 46.53 ng/ml m



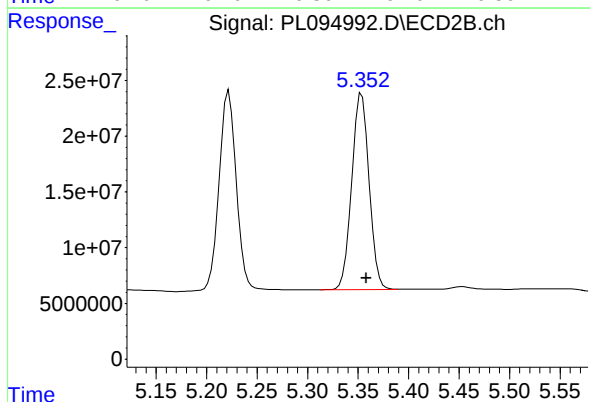
#13 Dieldrin

R.T.: 6.341 min
Delta R.T.: -0.003 min
Response: 138112588
Conc: 43.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-12MSD

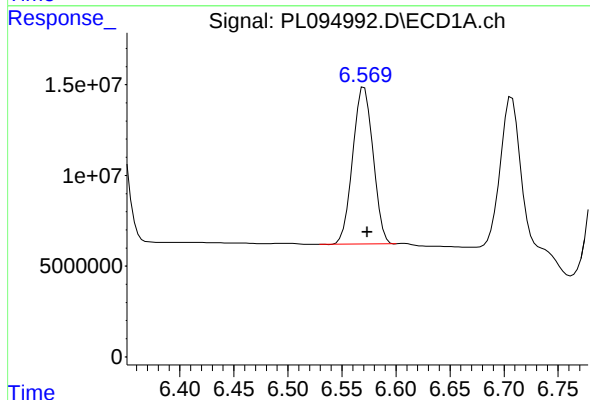
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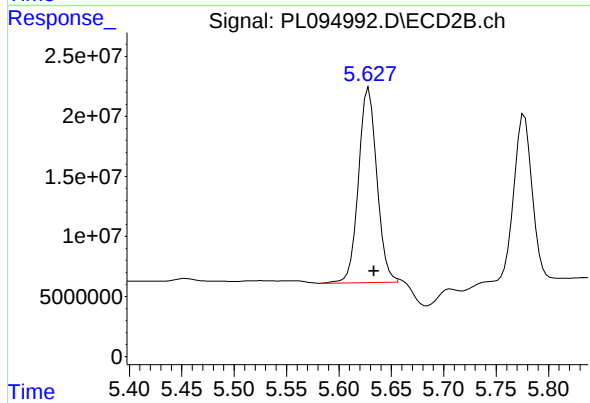
#13 Dieldrin

R.T.: 5.352 min
Delta R.T.: -0.006 min
Response: 210901869
Conc: 43.47 ng/ml



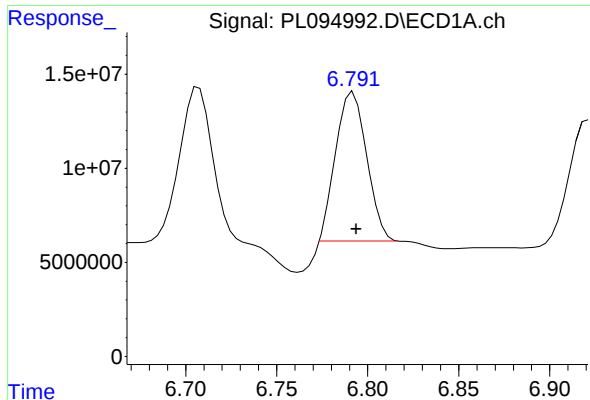
#14 Endrin

R.T.: 6.571 min
Delta R.T.: -0.003 min
Response: 113457240
Conc: 40.93 ng/ml



#14 Endrin

R.T.: 5.627 min
Delta R.T.: -0.006 min
Response: 198417832
Conc: 45.47 ng/ml



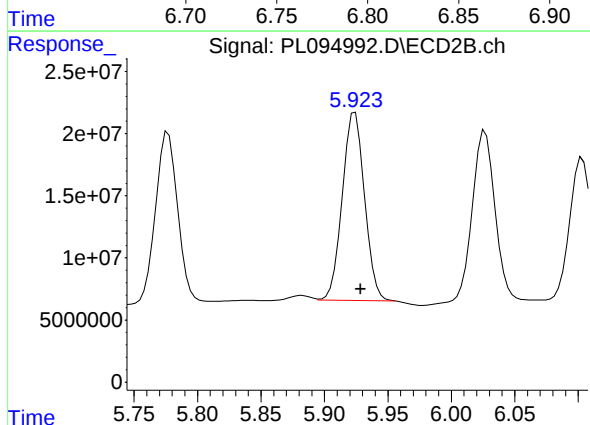
#15 Endosulfan II

R.T.: 6.791 min
Delta R.T.: -0.003 min
Response: 94670376
Conc: 34.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-12MSD

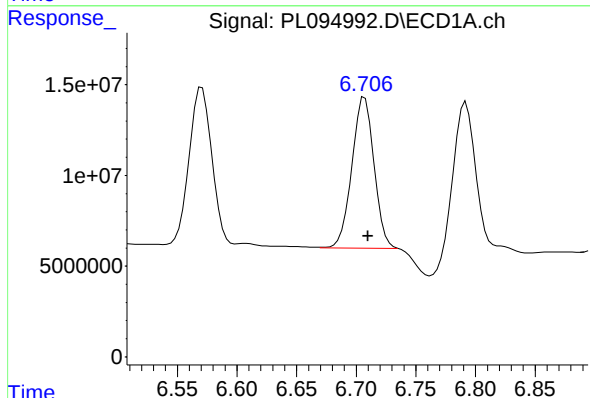
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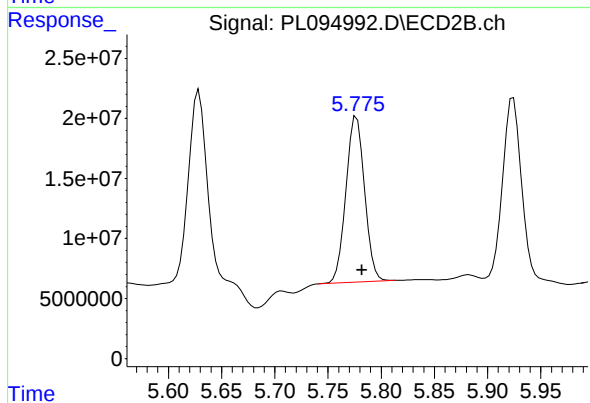
#15 Endosulfan II

R.T.: 5.923 min
Delta R.T.: -0.006 min
Response: 184346874
Conc: 42.59 ng/ml m



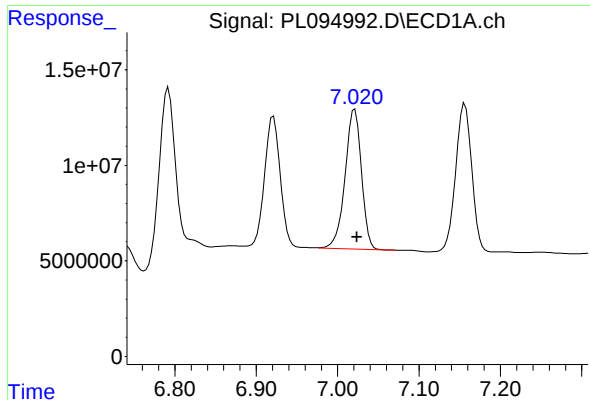
#16 4,4'-DDD

R.T.: 6.706 min
Delta R.T.: -0.004 min
Response: 107723219
Conc: 49.73 ng/ml m



#16 4,4'-DDD

R.T.: 5.777 min
Delta R.T.: -0.005 min
Response: 166692729
Conc: 46.36 ng/ml



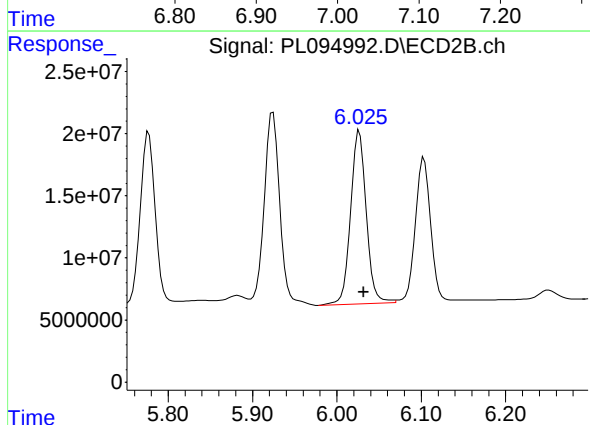
#17 4,4'-DDT

R.T.: 7.021 min
Delta R.T.: -0.003 min
Response: 102418829
Conc: 43.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-12MSD

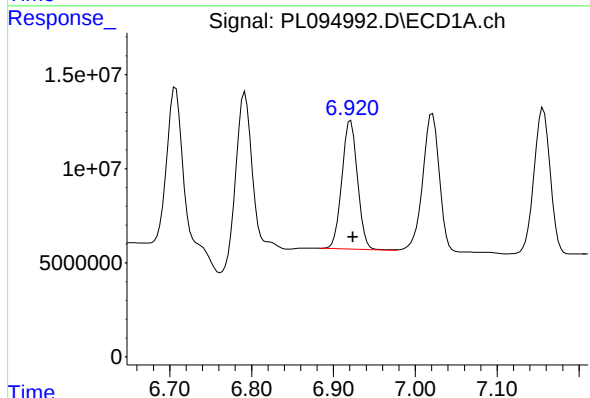
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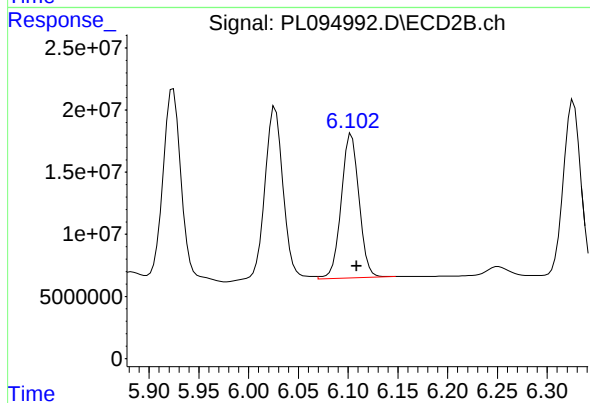
#17 4,4'-DDT

R.T.: 6.027 min
Delta R.T.: -0.005 min
Response: 179805568
Conc: 44.59 ng/ml



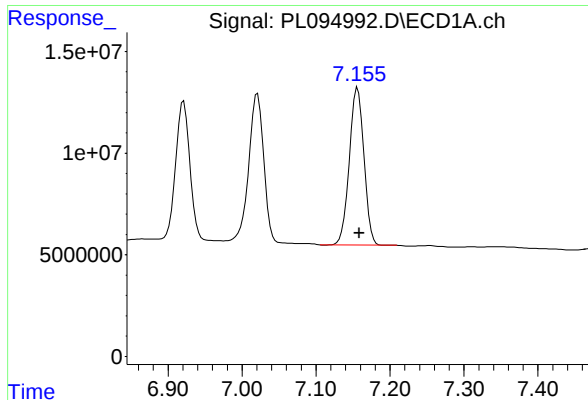
#18 Endrin aldehyde

R.T.: 6.921 min
Delta R.T.: -0.003 min
Response: 90948174
Conc: 43.08 ng/ml



#18 Endrin aldehyde

R.T.: 6.103 min
Delta R.T.: -0.005 min
Response: 144508057
Conc: 42.94 ng/ml



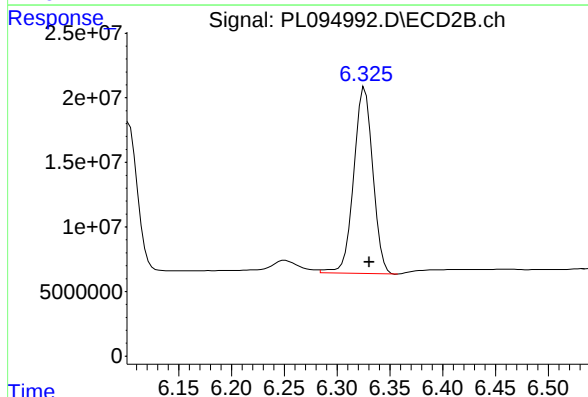
#19 Endosulfan Sulfate

R.T.: 7.156 min
Delta R.T.: -0.002 min
Response: 105991278
Conc: 43.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-12MSD

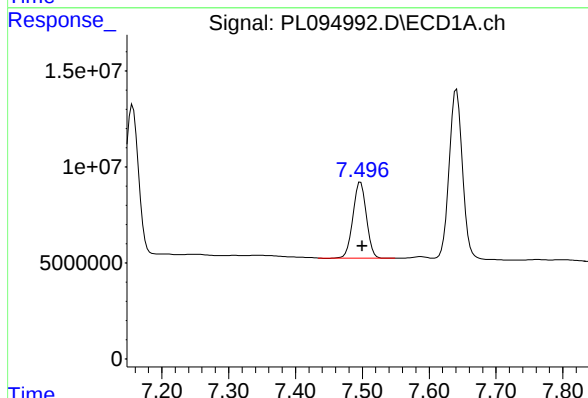
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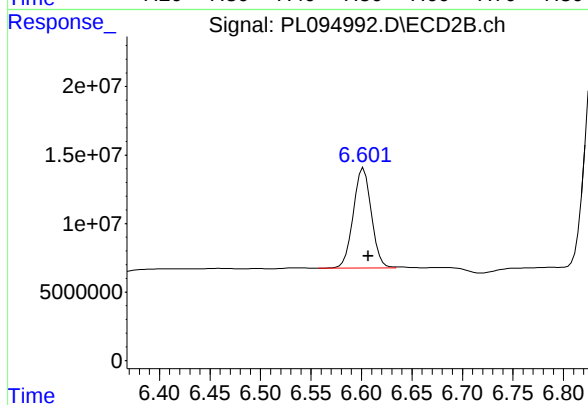
#19 Endosulfan Sulfate

R.T.: 6.326 min
Delta R.T.: -0.004 min
Response: 181276136
Conc: 44.50 ng/ml



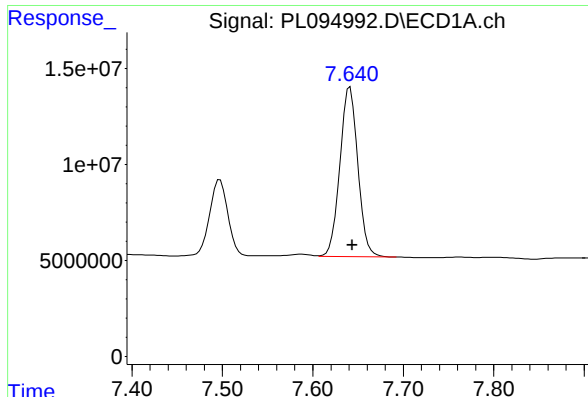
#20 Methoxychlor

R.T.: 7.497 min
Delta R.T.: -0.002 min
Response: 54771687
Conc: 45.75 ng/ml



#20 Methoxychlor

R.T.: 6.601 min
Delta R.T.: -0.006 min
Response: 91209800
Conc: 43.00 ng/ml m



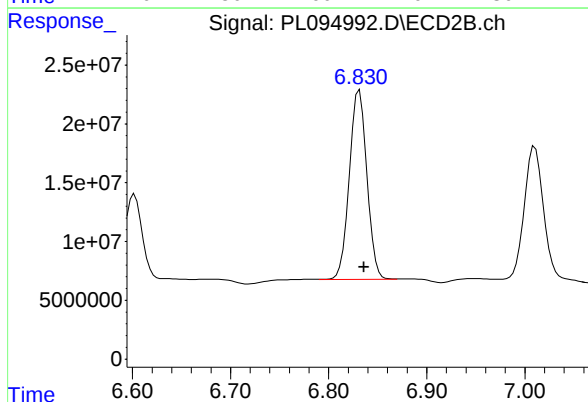
#21 Endrin ketone

R.T.: 7.641 min
Delta R.T.: -0.002 min
Response: 121958186
Conc: 46.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-12MSD

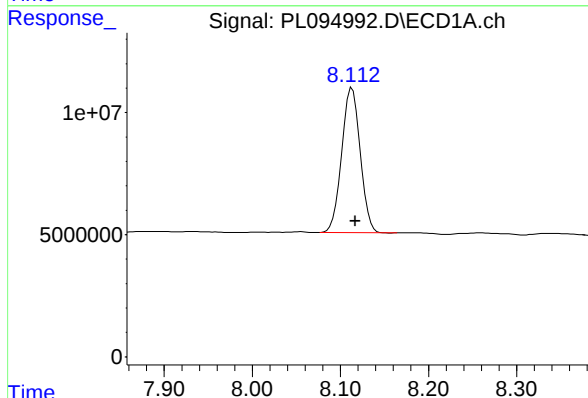
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/02/2025
Supervised By :mohammad ahmed 04/03/2025



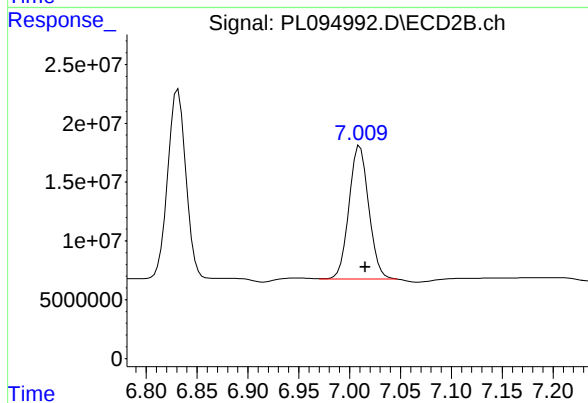
#21 Endrin ketone

R.T.: 6.830 min
Delta R.T.: -0.006 min
Response: 200791553
Conc: 42.07 ng/ml m



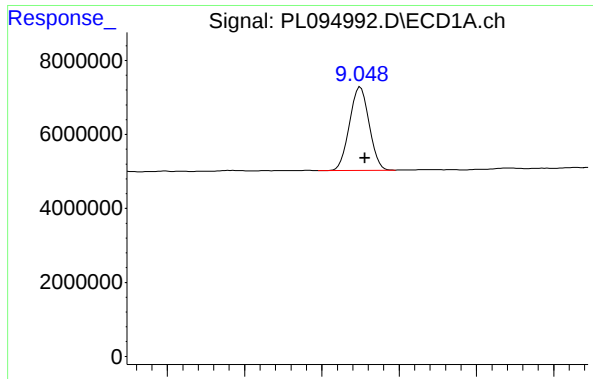
#22 Mirex

R.T.: 8.113 min
Delta R.T.: -0.004 min
Response: 86756656
Conc: 41.99 ng/ml



#22 Mirex

R.T.: 7.009 min
Delta R.T.: -0.007 min
Response: 152940677
Conc: 40.30 ng/ml m



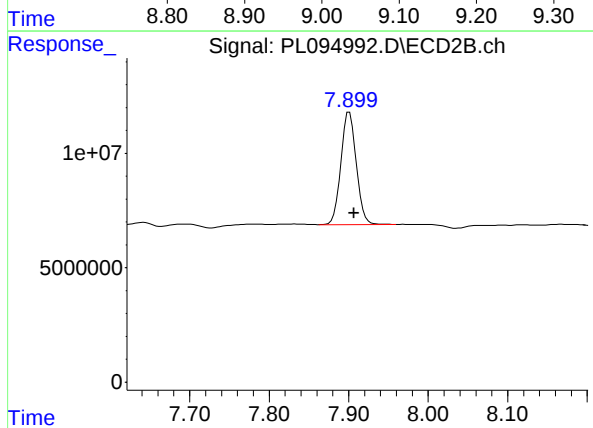
#28 Decachlorobiphenyl

R.T.: 9.050 min
Delta R.T.: -0.006 min
Response: 39481335
Conc: 18.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-12MSD

Manual Integrations
APPROVED

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Supervised By :mohammad ahmed 04/03/2025



#28 Decachlorobiphenyl

R.T.: 7.901 min
Delta R.T.: -0.006 min
Response: 66014398
Conc: 16.34 ng/ml