

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121625\
 Data File : PL097879.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Dec 2025 14:43
 Operator : AR\AJ
 Sample : Q3872-03MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MOO-25-0367MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/17/2025
 Supervised By :Yogesh Patel 12/17/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 17 00:47:59 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL120925.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 09 14:16:16 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...	3.495	2.799	98825294	143.7E6	19.581m	20.571
28)	SA Decachlor...	8.951	7.947	76503079	130.2E6	20.135m	19.792
Target Compounds							
2)	A alpha-BHC	3.942	3.302	465.4E6	648.7E6	55.029	56.540
3)	MA gamma-BHC...	4.270	3.632	435.9E6	605.6E6	54.378	56.303
4)	MA Heptachlor	4.859	3.977	418.4E6	537.4E6	52.553m	51.699
5)	MB Aldrin	5.197	4.258	403.9E6	563.0E6	55.756m	56.931
6)	B beta-BHC	4.460	3.928	176.0E6	250.0E6	52.557	53.933
7)	B delta-BHC	4.703	4.159	426.6E6	606.0E6	55.080m	56.703
8)	B Heptachlo...	5.618	4.759	382.0E6	506.9E6	57.414	56.302
9)	A Endosulfan I	5.998	5.129	321.4E6	495.5E6	54.590	48.638
10)	B gamma-Chl...	5.870	5.009	353.9E6	547.5E6	54.517m	53.758m
11)	B alpha-Chl...	5.951	5.074	352.2E6	544.6E6	54.241	53.107
12)	B 4,4'-DDE	6.122	5.262	311.5E6	502.9E6	53.042m	57.078m
13)	MA Dieldrin	6.271	5.393	345.1E6	529.4E6	56.243	56.498
14)	MA Endrin	6.497	5.667	270.1E6	453.2E6	52.156	54.234
15)	B Endosulfa...	6.711	5.959	280.7E6	454.6E6	54.938	54.924
16)	A 4,4'-DDD	6.631	5.815	265.2E6	423.6E6	57.257	56.467
17)	MA 4,4'-DDT	6.945	6.067	237.2E6	371.3E6	49.510	48.406
18)	B Endrin al...	6.840	6.137	209.8E6	328.4E6	53.249	51.433
19)	B Endosulfa...	7.073	6.361	261.3E6	441.9E6	52.716	54.286
20)	A Methoxychlor	7.418	6.639	121.5E6	193.7E6	48.278	46.349
21)	B Endrin ke...	7.551	6.864	279.9E6	501.3E6	53.864	56.191
22)	Mirex	8.027	7.052	154.7E6	301.1E6	44.848	46.646

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121625\
Data File : PL097879.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Dec 2025 14:43
Operator : AR\AJ
Sample : Q3872-03MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

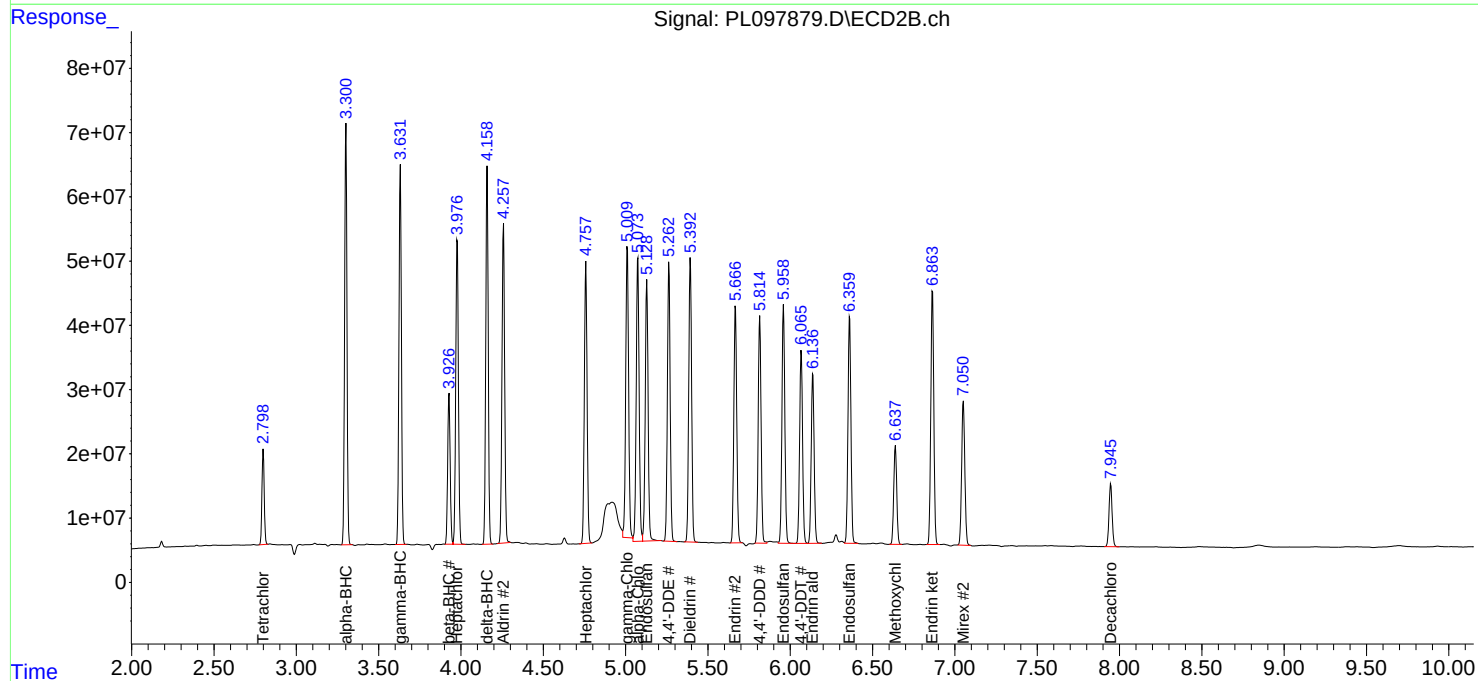
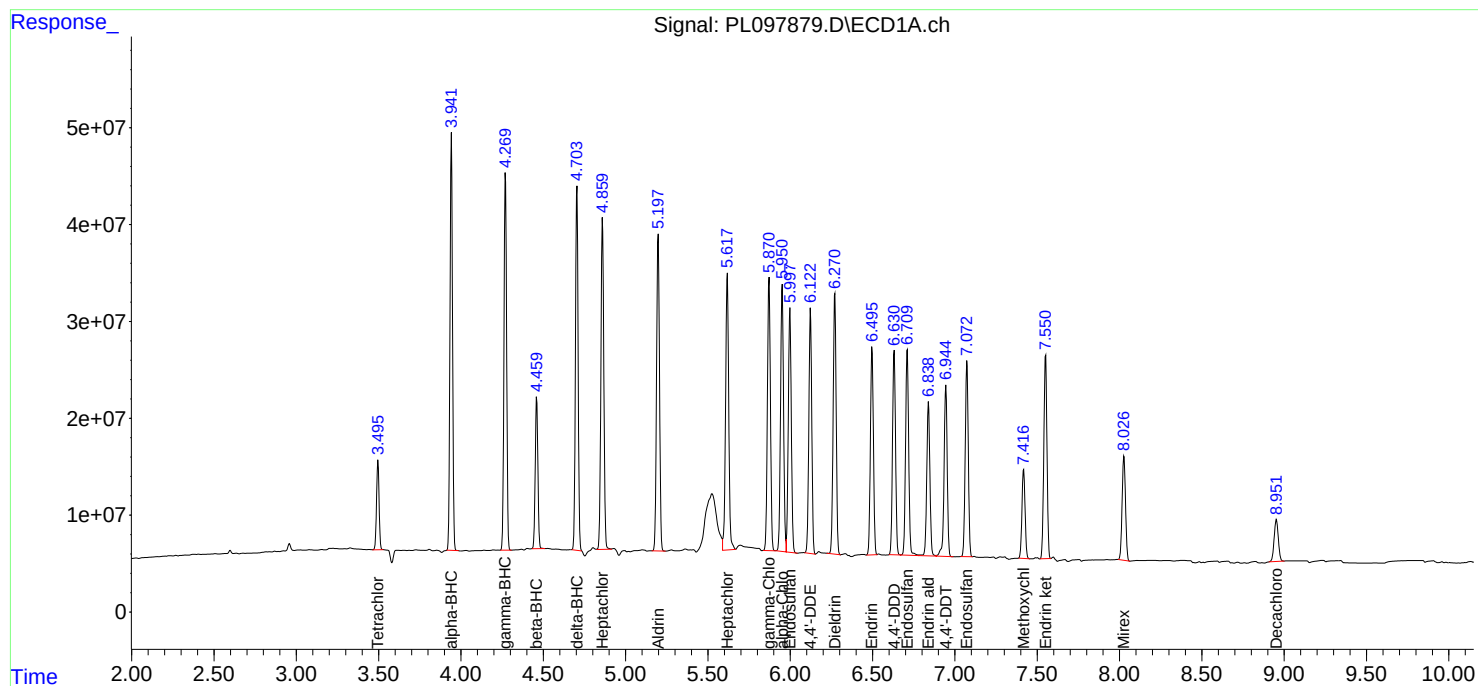
Instrument :
ECD_L
ClientSampleId :
MOO-25-0367MSD

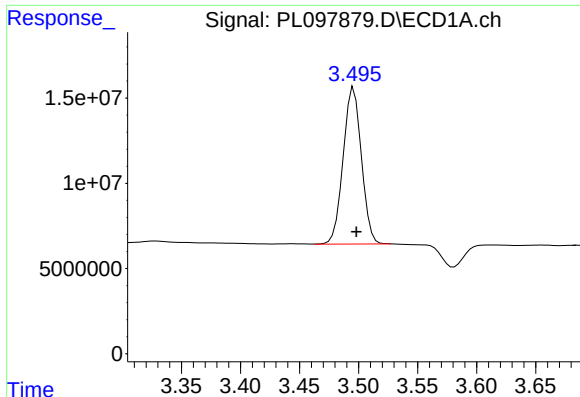
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 12/17/2025
Supervised By : Yogesh Patel 12/17/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 17 00:47:59 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL120925.M
Quant Title : GC Extractables
QLast Update : Tue Dec 09 14:16:16 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





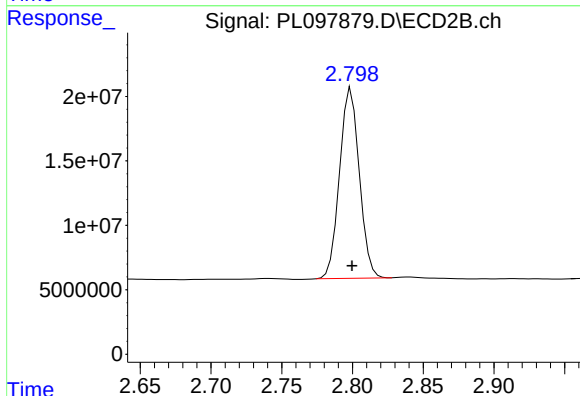
#1 Tetrachloro-m-xylene

R.T.: 3.495 min
Delta R.T.: -0.003 min
Response: 98825294
Conc: 19.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
MOO-25-0367MSD

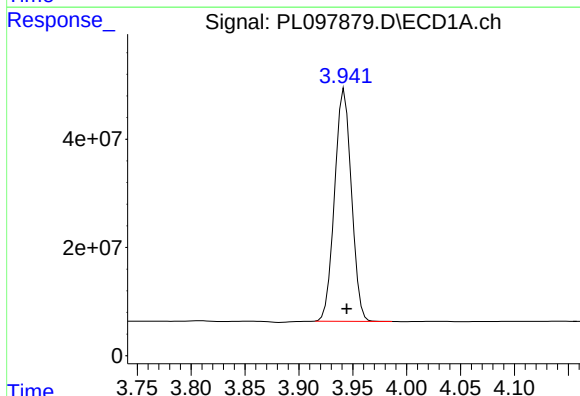
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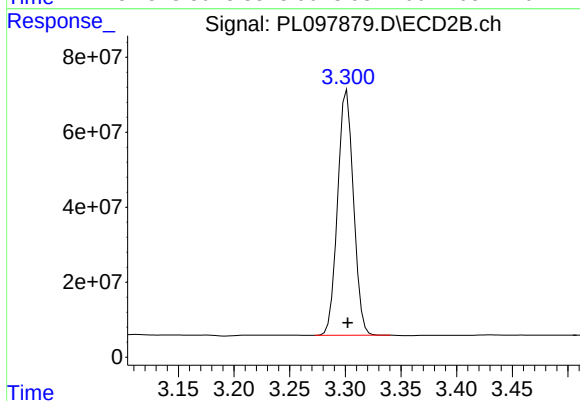
#1 Tetrachloro-m-xylene

R.T.: 2.799 min
Delta R.T.: 0.000 min
Response: 143689527
Conc: 20.57 ng/ml



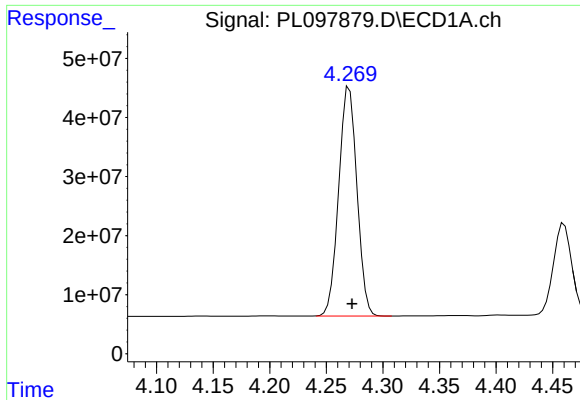
#2 alpha-BHC

R.T.: 3.942 min
Delta R.T.: -0.002 min
Response: 465361812
Conc: 55.03 ng/ml



#2 alpha-BHC

R.T.: 3.302 min
Delta R.T.: 0.000 min
Response: 648732183
Conc: 56.54 ng/ml



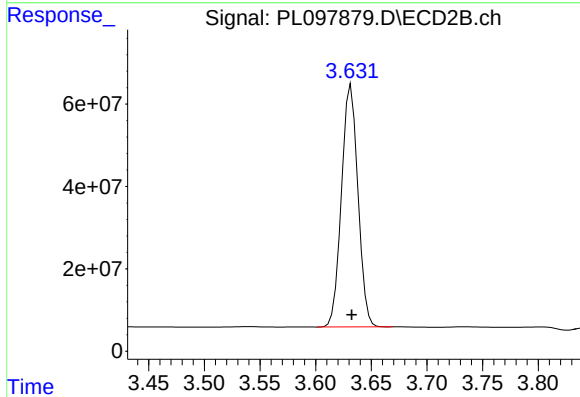
#3 gamma-BHC (Lindane)

R.T.: 4.270 min
Delta R.T.: -0.002 min
Response: 435929139
Conc: 54.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
MOO-25-0367MSD

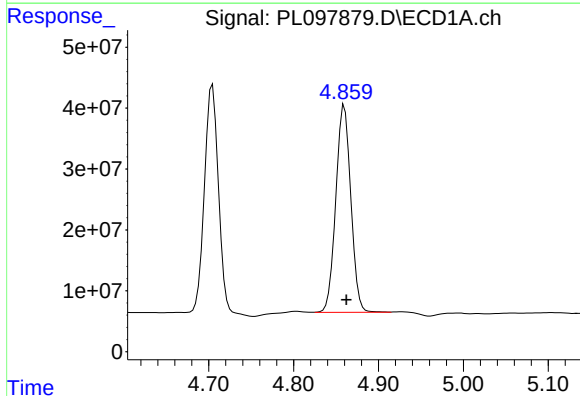
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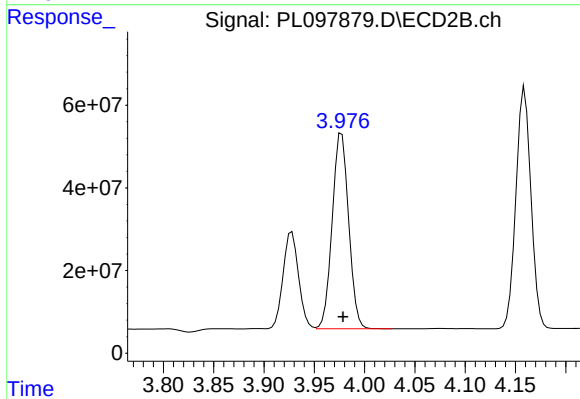
#3 gamma-BHC (Lindane)

R.T.: 3.632 min
Delta R.T.: 0.000 min
Response: 605590158
Conc: 56.30 ng/ml



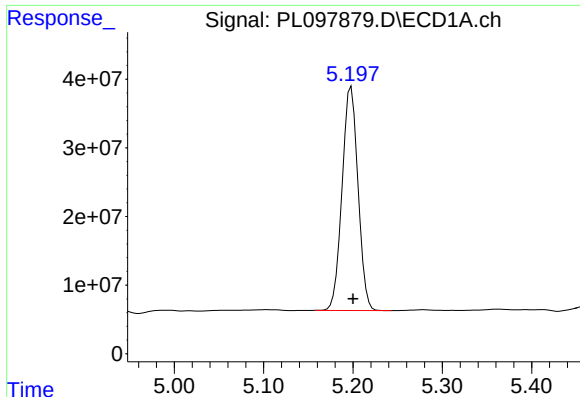
#4 Heptachlor

R.T.: 4.859 min
Delta R.T.: -0.004 min
Response: 418435913
Conc: 52.55 ng/ml m



#4 Heptachlor

R.T.: 3.977 min
Delta R.T.: -0.001 min
Response: 537424600
Conc: 51.70 ng/ml



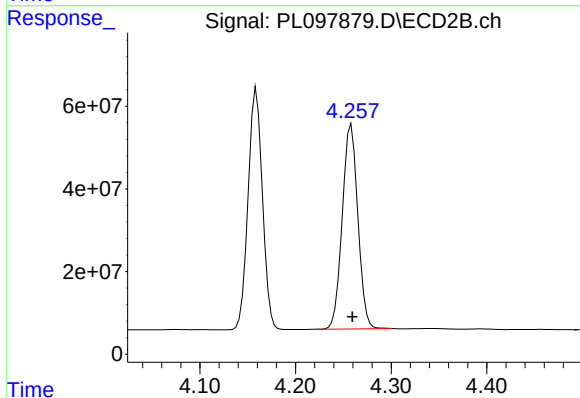
#5 Aldrin

R.T.: 5.197 min
Delta R.T.: -0.004 min
Response: 403922928
Conc: 55.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
MOO-25-0367MSD

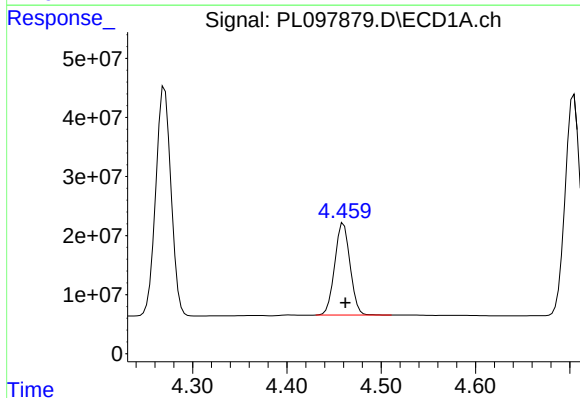
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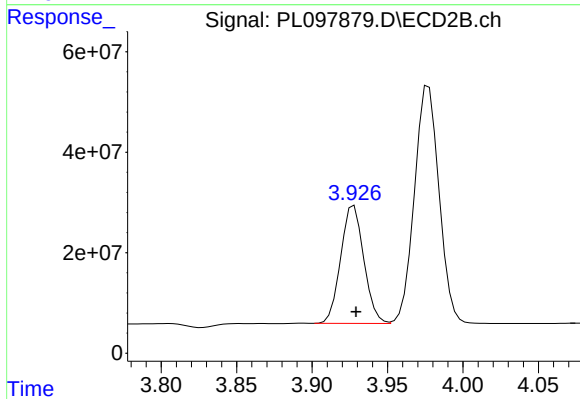
#5 Aldrin

R.T.: 4.258 min
Delta R.T.: -0.001 min
Response: 563033381
Conc: 56.93 ng/ml



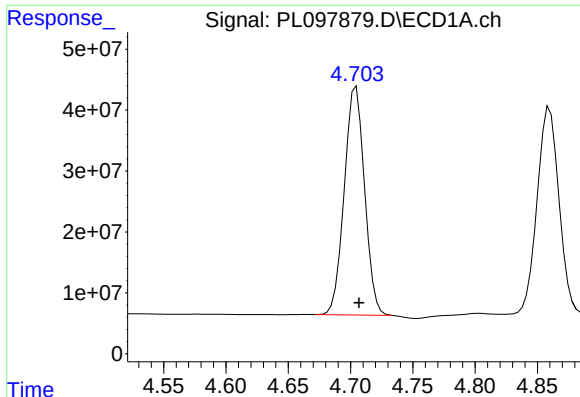
#6 beta-BHC

R.T.: 4.460 min
Delta R.T.: -0.002 min
Response: 175968357
Conc: 52.56 ng/ml



#6 beta-BHC

R.T.: 3.928 min
Delta R.T.: -0.001 min
Response: 250049438
Conc: 53.93 ng/ml



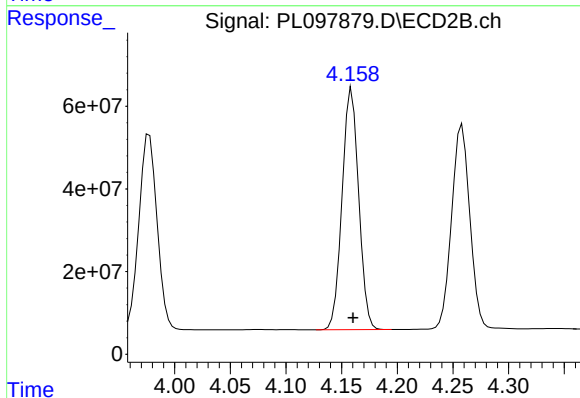
#7 delta-BHC

R.T.: 4.703 min
Delta R.T.: -0.004 min
Response: 426610039
Conc: 55.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
MOO-25-0367MSD

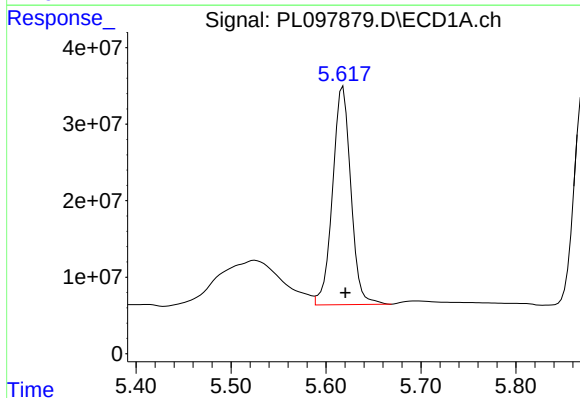
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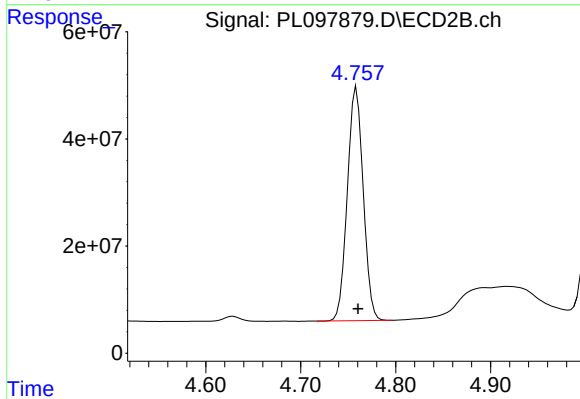
#7 delta-BHC

R.T.: 4.159 min
Delta R.T.: -0.001 min
Response: 605996607
Conc: 56.70 ng/ml



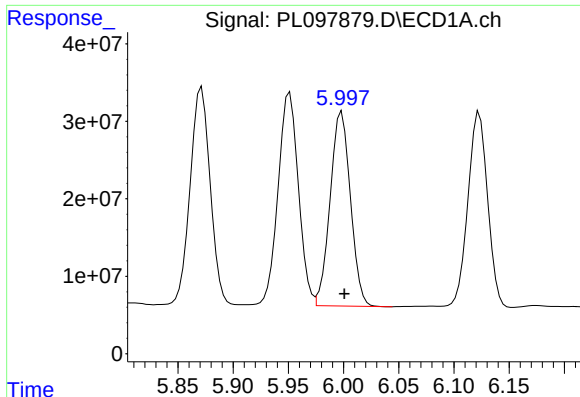
#8 Heptachlor epoxide

R.T.: 5.618 min
Delta R.T.: -0.002 min
Response: 381986489
Conc: 57.41 ng/ml



#8 Heptachlor epoxide

R.T.: 4.759 min
Delta R.T.: -0.002 min
Response: 506929323
Conc: 56.30 ng/ml



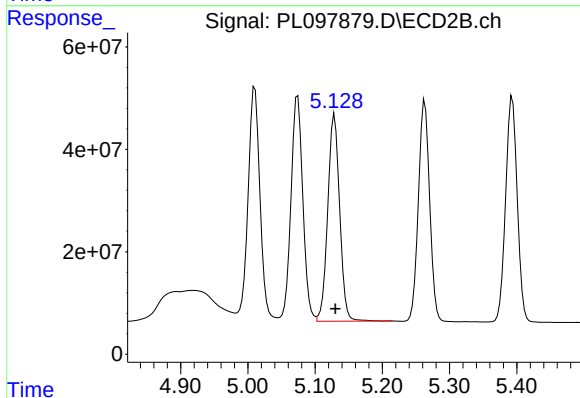
#9 Endosulfan I

R.T.: 5.998 min
Delta R.T.: -0.002 min
Response: 321396907
Conc: 54.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
MOO-25-0367MSD

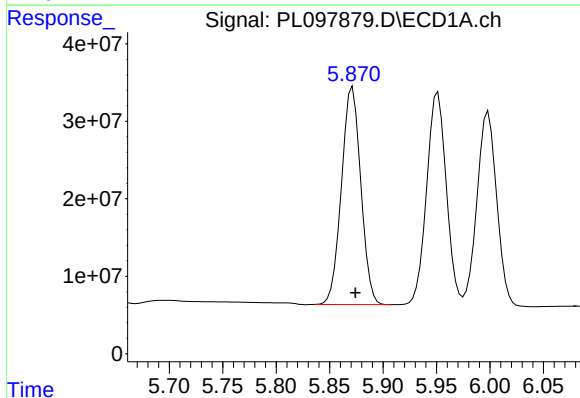
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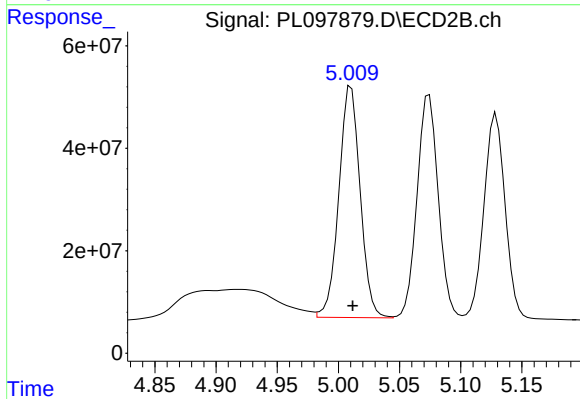
#9 Endosulfan I

R.T.: 5.129 min
Delta R.T.: -0.001 min
Response: 495536672
Conc: 48.64 ng/ml



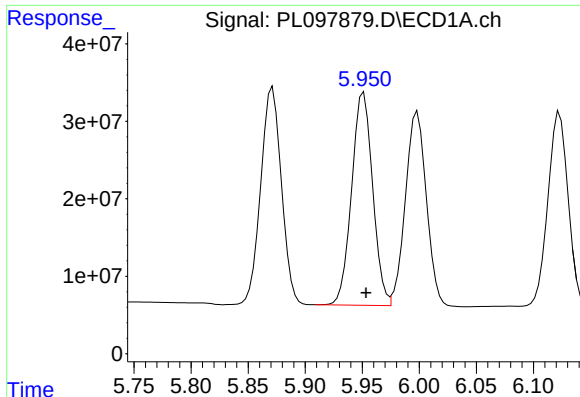
#10 gamma-Chlordane

R.T.: 5.870 min
Delta R.T.: -0.004 min
Response: 353903406
Conc: 54.52 ng/ml m



#10 gamma-Chlordane

R.T.: 5.009 min
Delta R.T.: -0.003 min
Response: 547536343
Conc: 53.76 ng/ml m



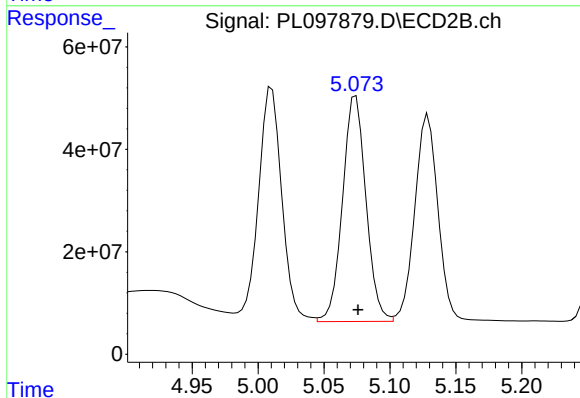
#11 alpha-Chlordane

R.T.: 5.951 min
Delta R.T.: -0.002 min
Response: 352192582
Conc: 54.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
MOO-25-0367MSD

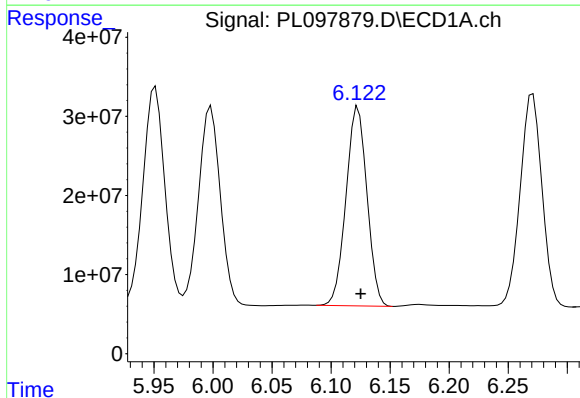
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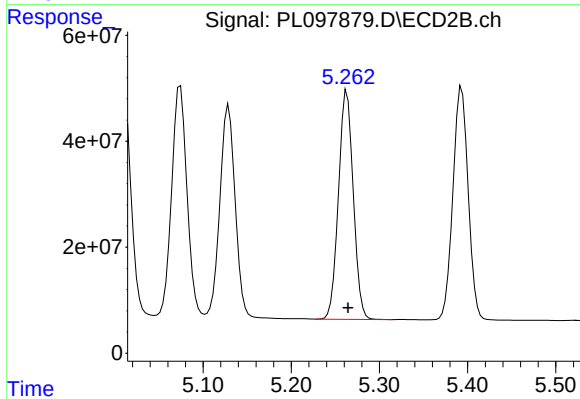
#11 alpha-Chlordane

R.T.: 5.074 min
Delta R.T.: -0.002 min
Response: 544605820
Conc: 53.11 ng/ml



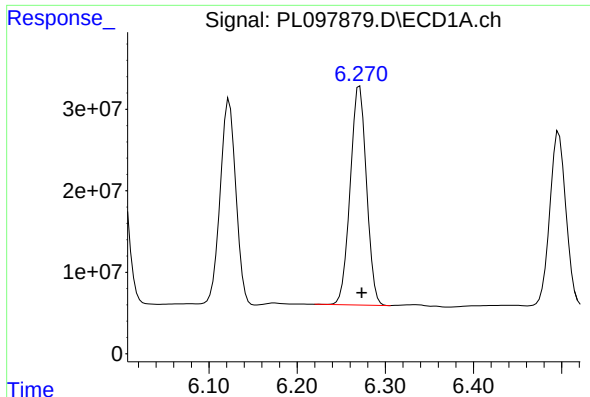
#12 4,4'-DDE

R.T.: 6.122 min
Delta R.T.: -0.003 min
Response: 311531228
Conc: 53.04 ng/ml m



#12 4,4'-DDE

R.T.: 5.262 min
Delta R.T.: -0.003 min
Response: 502901899
Conc: 57.08 ng/ml m



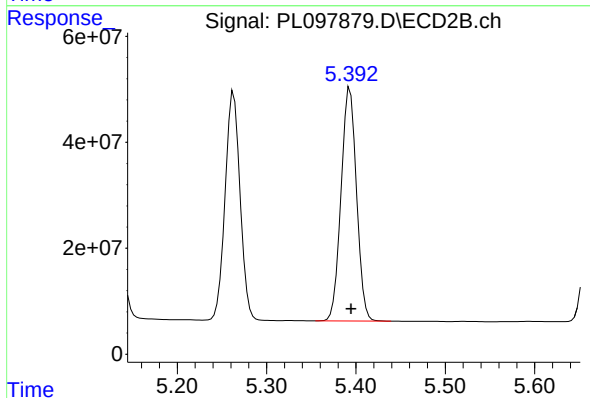
#13 Dieldrin

R.T.: 6.271 min
Delta R.T.: -0.003 min
Response: 345134929
Conc: 56.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
MOO-25-0367MSD

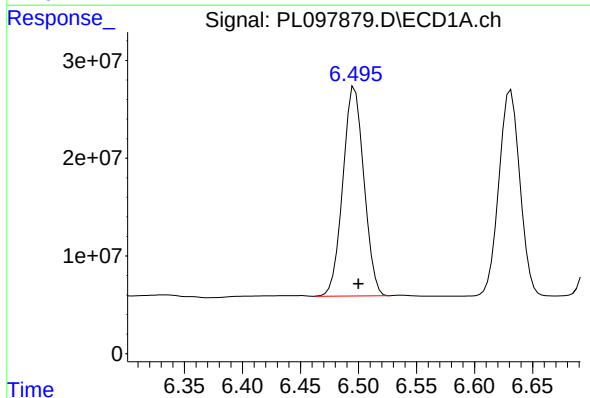
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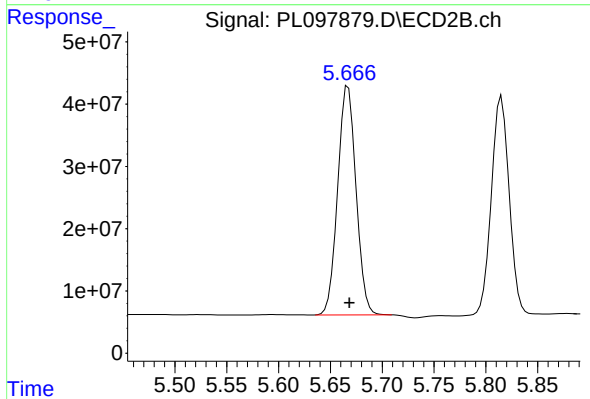
#13 Dieldrin

R.T.: 5.393 min
Delta R.T.: -0.001 min
Response: 529412573
Conc: 56.50 ng/ml



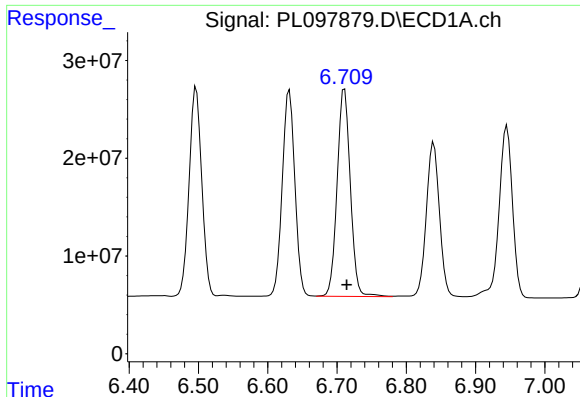
#14 Endrin

R.T.: 6.497 min
Delta R.T.: -0.003 min
Response: 270137696
Conc: 52.16 ng/ml



#14 Endrin

R.T.: 5.667 min
Delta R.T.: -0.001 min
Response: 453228744
Conc: 54.23 ng/ml



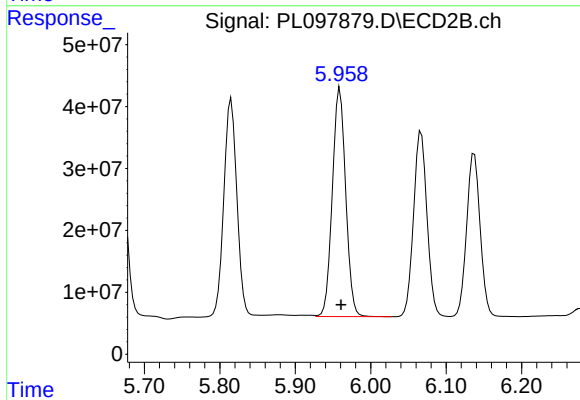
#15 Endosulfan II

R.T.: 6.711 min
Delta R.T.: -0.003 min
Response: 280732182
Conc: 54.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
MOO-25-0367MSD

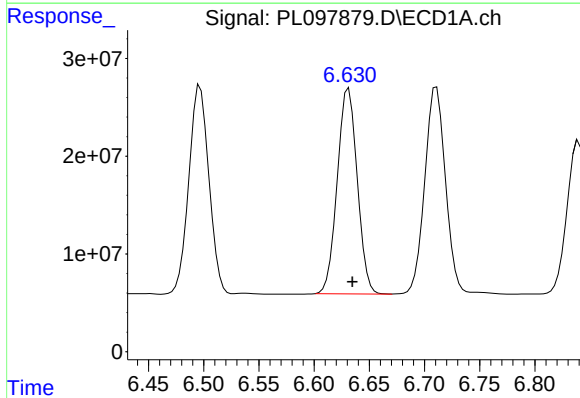
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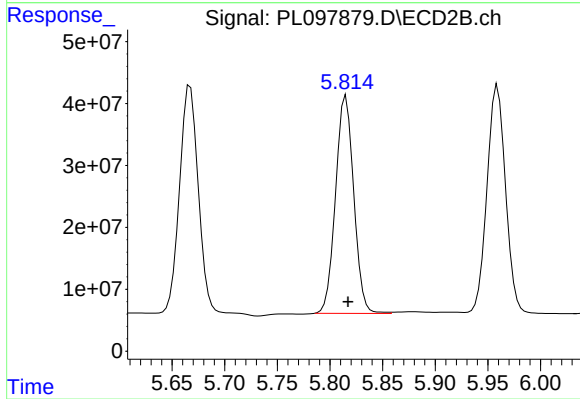
#15 Endosulfan II

R.T.: 5.959 min
Delta R.T.: -0.001 min
Response: 454605197
Conc: 54.92 ng/ml



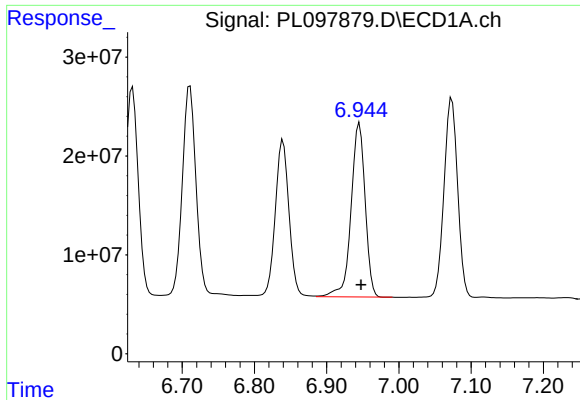
#16 4,4'-DDD

R.T.: 6.631 min
Delta R.T.: -0.003 min
Response: 265215718
Conc: 57.26 ng/ml



#16 4,4'-DDD

R.T.: 5.815 min
Delta R.T.: -0.002 min
Response: 423565025
Conc: 56.47 ng/ml



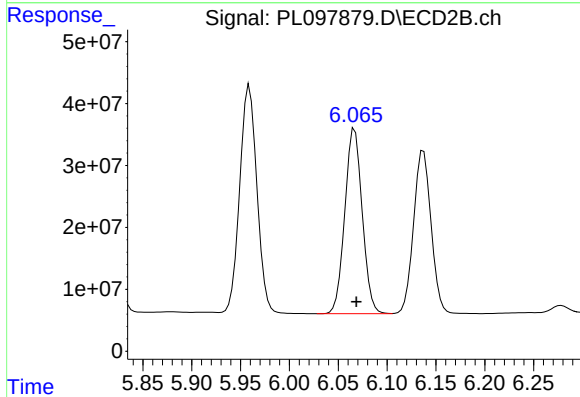
#17 4,4'-DDT

R.T.: 6.945 min
Delta R.T.: -0.002 min
Response: 237169265
Conc: 49.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
MOO-25-0367MSD

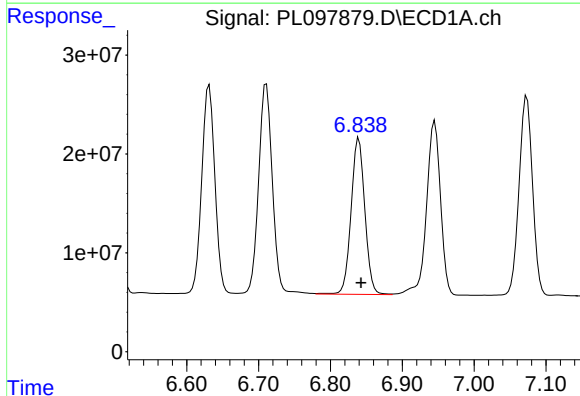
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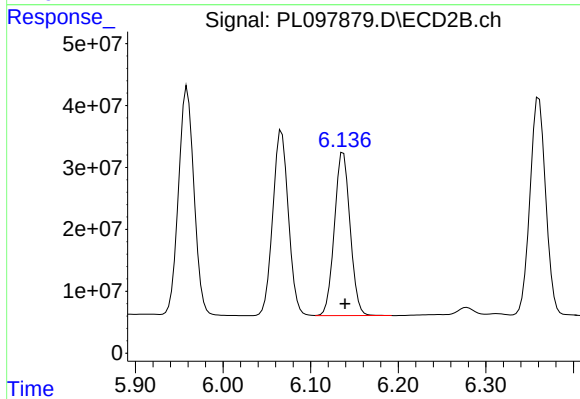
#17 4,4'-DDT

R.T.: 6.067 min
Delta R.T.: -0.002 min
Response: 371305491
Conc: 48.41 ng/ml



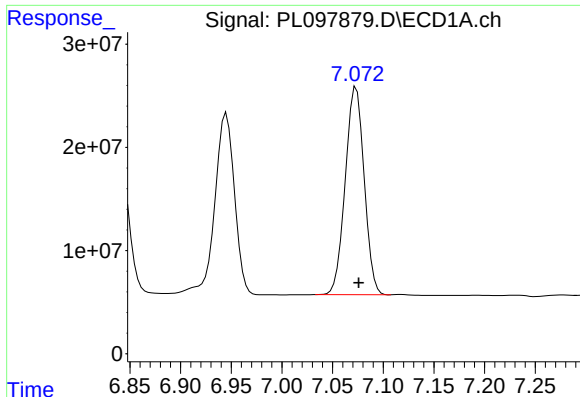
#18 Endrin aldehyde

R.T.: 6.840 min
Delta R.T.: -0.003 min
Response: 209819375
Conc: 53.25 ng/ml



#18 Endrin aldehyde

R.T.: 6.137 min
Delta R.T.: -0.002 min
Response: 328401516
Conc: 51.43 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.073 min
Delta R.T.: -0.002 min
Response: 261332624
Conc: 52.72 ng/ml

Instrument :

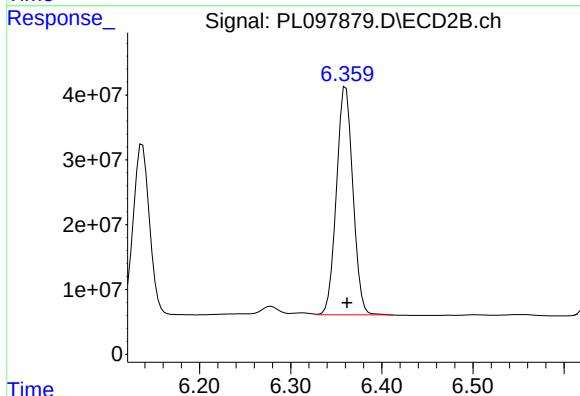
ECD_L

ClientSampleId :

MOO-25-0367MSD

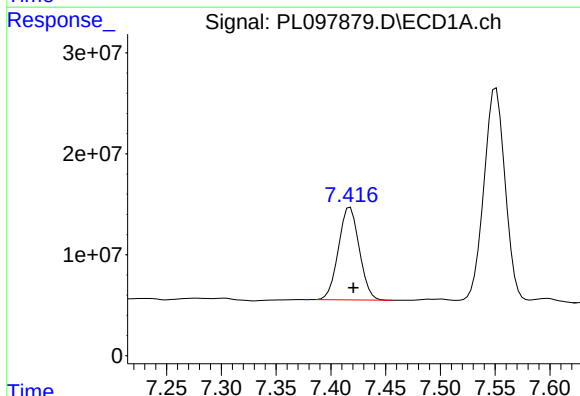
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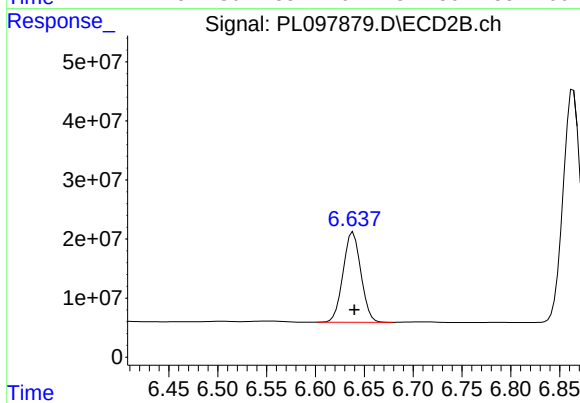
#19 Endosulfan Sulfate

R.T.: 6.361 min
Delta R.T.: -0.001 min
Response: 441942910
Conc: 54.29 ng/ml



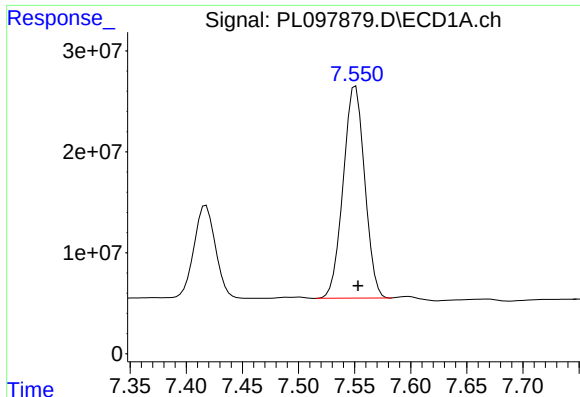
#20 Methoxychlor

R.T.: 7.418 min
Delta R.T.: -0.003 min
Response: 121509998
Conc: 48.28 ng/ml



#20 Methoxychlor

R.T.: 6.639 min
Delta R.T.: -0.001 min
Response: 193690859
Conc: 46.35 ng/ml



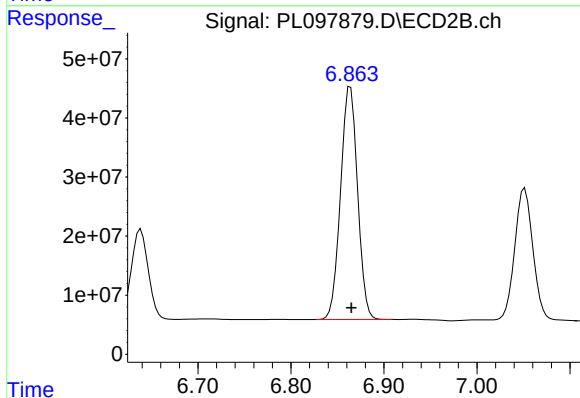
#21 Endrin ketone

R.T.: 7.551 min
Delta R.T.: -0.002 min
Response: 279909968
Conc: 53.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
MOO-25-0367MSD

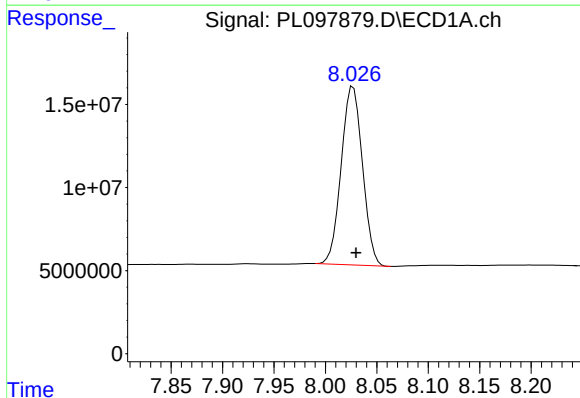
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/17/2025
Supervised By :Yogesh Patel 12/17/2025



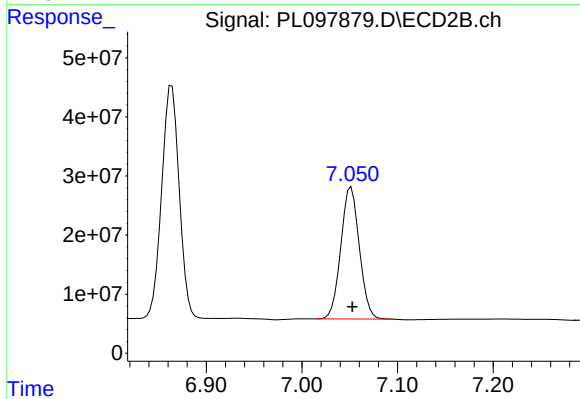
#21 Endrin ketone

R.T.: 6.864 min
Delta R.T.: -0.001 min
Response: 501274253
Conc: 56.19 ng/ml



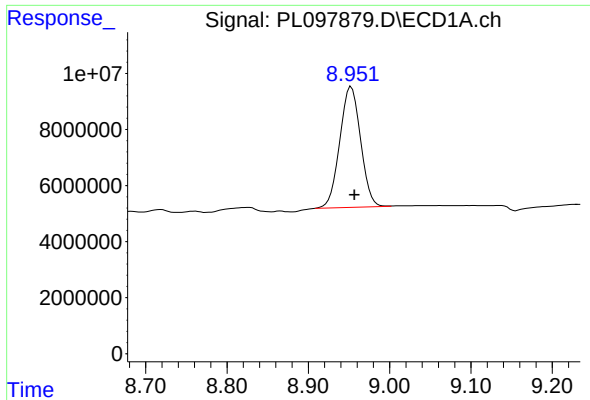
#22 Mirex

R.T.: 8.027 min
Delta R.T.: -0.003 min
Response: 154676526
Conc: 44.85 ng/ml



#22 Mirex

R.T.: 7.052 min
Delta R.T.: -0.001 min
Response: 301116349
Conc: 46.65 ng/ml



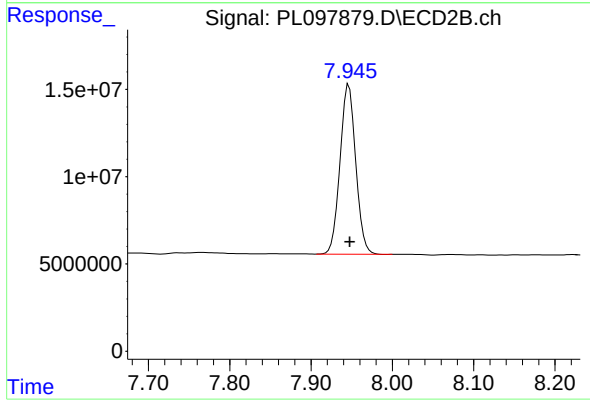
#28 Decachlorobiphenyl

R.T.: 8.951 min
Delta R.T.: -0.005 min
Response: 76503079
Conc: 20.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
MOO-25-0367MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/17/2025
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#28 Decachlorobiphenyl

R.T.: 7.947 min
Delta R.T.: 0.000 min
Response: 130154175
Conc: 19.79 ng/ml