

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031325\
 Data File : PL094687.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Mar 2025 18:15
 Operator : AR\AJ
 Sample : PB167125BS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB167125BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/14/2025
 Supervised By :mohammad ahmed 03/18/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 14 11:13:50 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...	3.535	2.769	58838196	76688766	20.786	21.486
28)	SA Decachlor...	9.049	7.902	56757747	98242587	26.932	24.321
Target Compounds							
2)	A alpha-BHC	3.992	3.271	198.1E6	272.5E6	47.708	50.535
3)	MA gamma-BHC...	4.324	3.601	192.2E6	259.9E6	48.170	50.562
4)	MA Heptachlor	4.911	3.939	184.2E6	265.7E6	47.451	50.439
5)	MB Aldrin	5.253	4.218	175.3E6	248.1E6	47.471	50.881
6)	B beta-BHC	4.523	3.901	88827185	117.9E6	48.139	53.078
7)	B delta-BHC	4.770	4.130	203.0E6	262.9E6	52.119	52.551
8)	B Heptachlo...	5.680	4.721	164.6E6	240.0E6	49.197	52.419
9)	A Endosulfan I	6.066	5.091	153.2E6	224.8E6	49.886	51.212
10)	B gamma-Chl...	5.936	4.971	165.1E6	251.1E6	48.992	52.009
11)	B alpha-Chl...	6.015	5.034	163.0E6	247.5E6	49.446	51.867
12)	B 4,4'-DDE	6.189	5.222	158.6E6	250.5E6	53.907	53.889m
13)	MA Dieldrin	6.341	5.353	160.7E6	253.3E6	50.240	52.205m
14)	MA Endrin	6.570	5.631	135.0E6	233.4E6	48.701	53.490
15)	B Endosulfa...	6.791	5.925	142.5E6	231.4E6	52.493	53.472
16)	A 4,4'-DDD	6.707	5.778	124.3E6	205.4E6	57.381	57.133
17)	MA 4,4'-DDT	7.020	6.028	133.9E6	226.6E6	56.278	56.195
18)	B Endrin al...	6.921	6.104	111.2E6	180.1E6	52.700	53.518
19)	B Endosulfa...	7.155	6.327	129.9E6	225.1E6	53.414	55.270
20)	A Methoxychlor	7.496	6.603	69897960	120.3E6	58.391	56.708
21)	B Endrin ke...	7.640	6.831	146.1E6	262.2E6	55.277	54.944m
22)	Mirex	8.112	7.010	109.2E6	201.7E6	52.870	53.147m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031325\
Data File : PL094687.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Mar 2025 18:15
Operator : AR\AJ
Sample : PB167125BS
Misc :
ALS Vial : 21 Sample Multiplier: 1

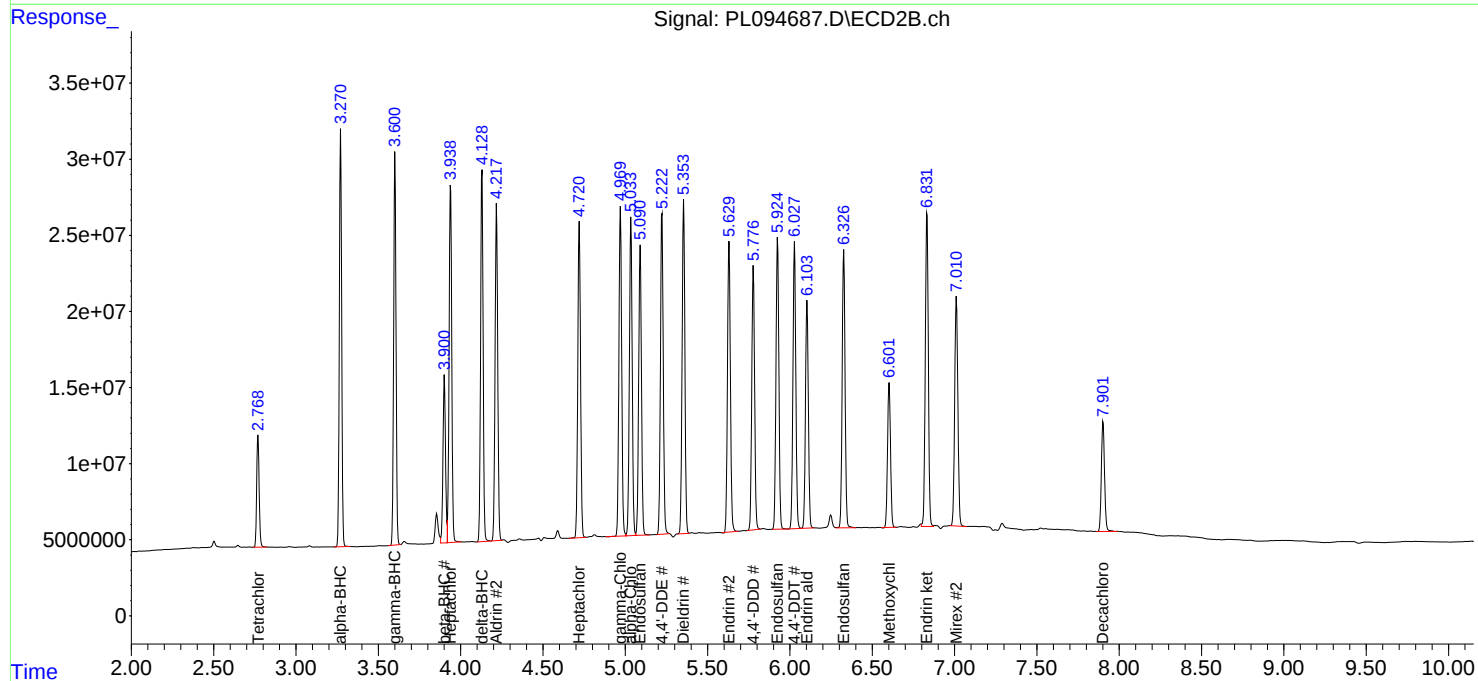
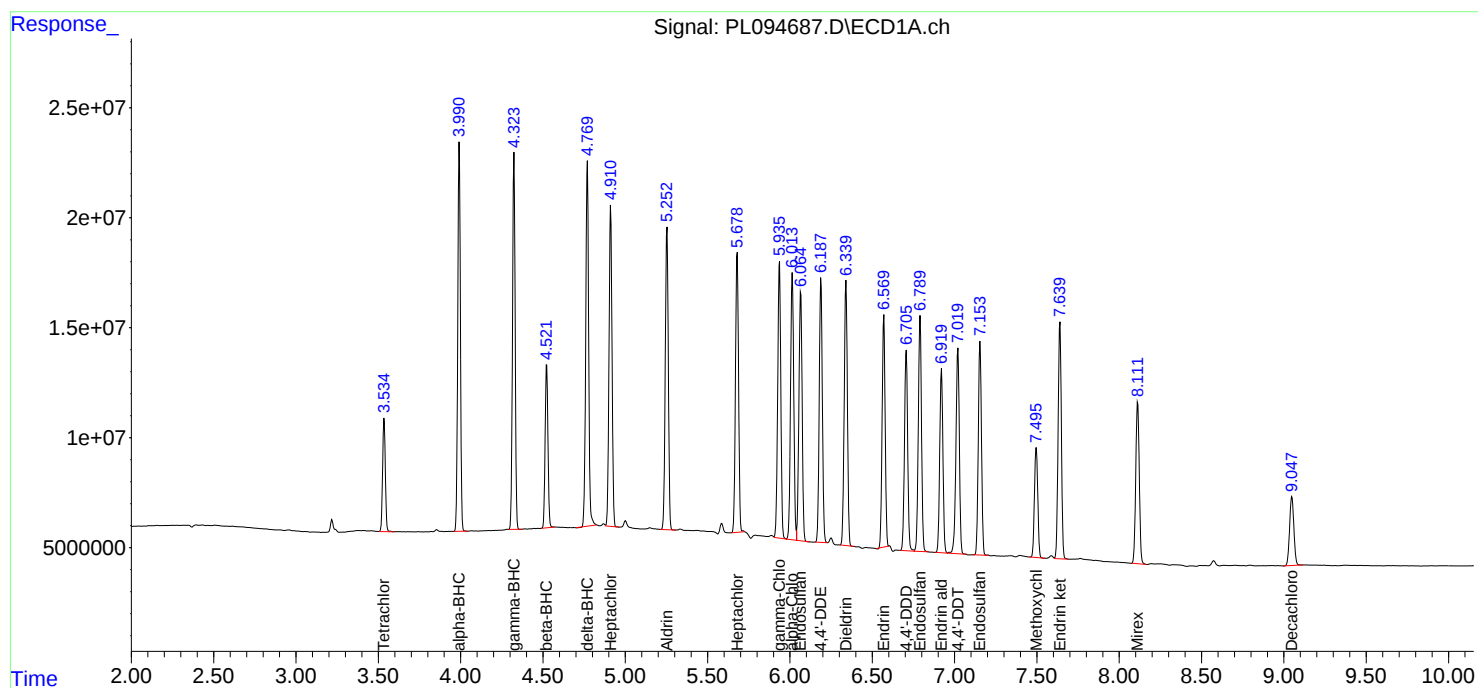
Instrument :
ECD_L
ClientSampleId :
PB167125BS

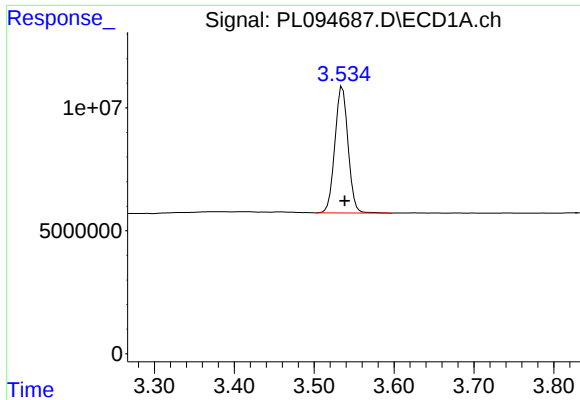
Manual Integrations
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Supervised By :mohammad ahmed 03/18/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 14 11:13:50 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





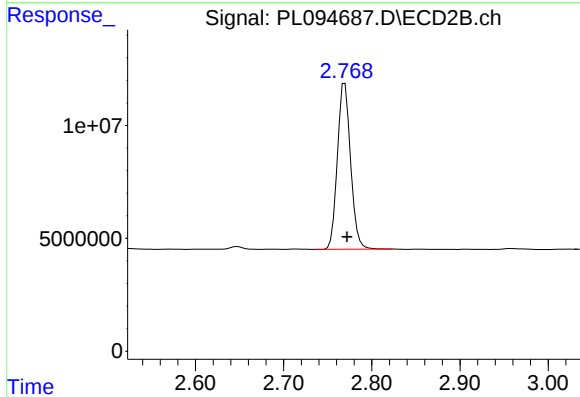
#1 Tetrachloro-m-xylene

R.T.: 3.535 min
Delta R.T.: -0.003 min
Response: 58838196
Conc: 20.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167125BS

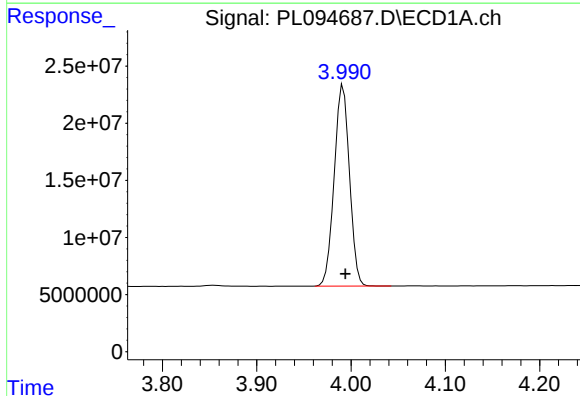
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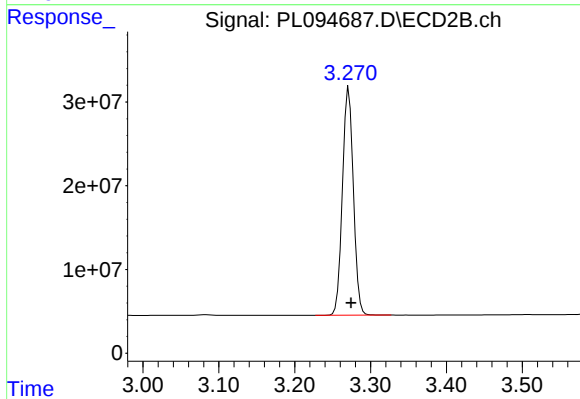
#1 Tetrachloro-m-xylene

R.T.: 2.769 min
Delta R.T.: -0.003 min
Response: 76688766
Conc: 21.49 ng/ml



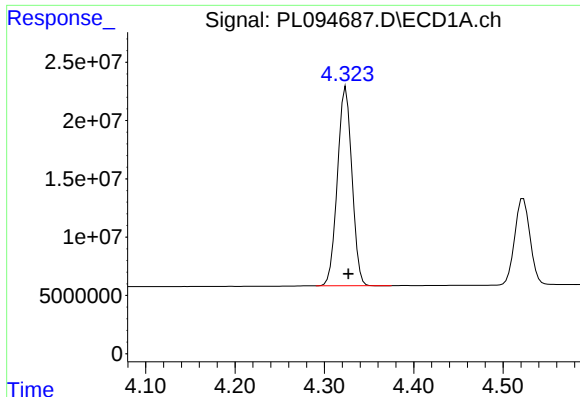
#2 alpha-BHC

R.T.: 3.992 min
Delta R.T.: -0.003 min
Response: 198098760
Conc: 47.71 ng/ml



#2 alpha-BHC

R.T.: 3.271 min
Delta R.T.: -0.003 min
Response: 272450843
Conc: 50.53 ng/ml



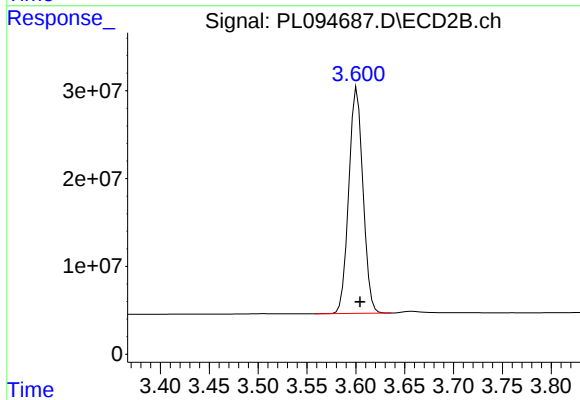
#3 gamma-BHC (Lindane)

R.T.: 4.324 min
Delta R.T.: -0.003 min
Response: 192212979
Conc: 48.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167125BS

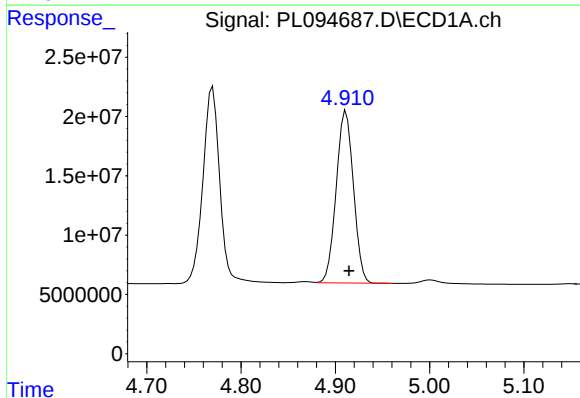
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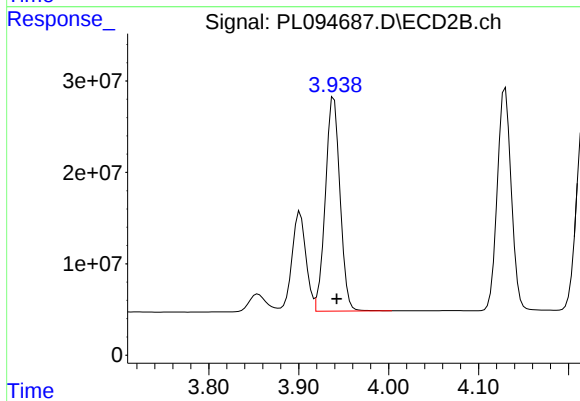
#3 gamma-BHC (Lindane)

R.T.: 3.601 min
Delta R.T.: -0.003 min
Response: 259860194
Conc: 50.56 ng/ml



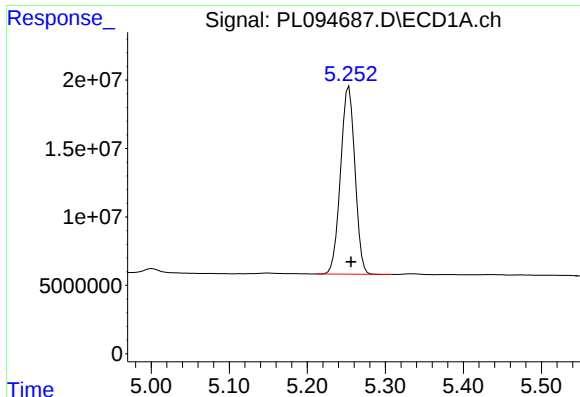
#4 Heptachlor

R.T.: 4.911 min
Delta R.T.: -0.003 min
Response: 184188173
Conc: 47.45 ng/ml



#4 Heptachlor

R.T.: 3.939 min
Delta R.T.: -0.003 min
Response: 265743850
Conc: 50.44 ng/ml



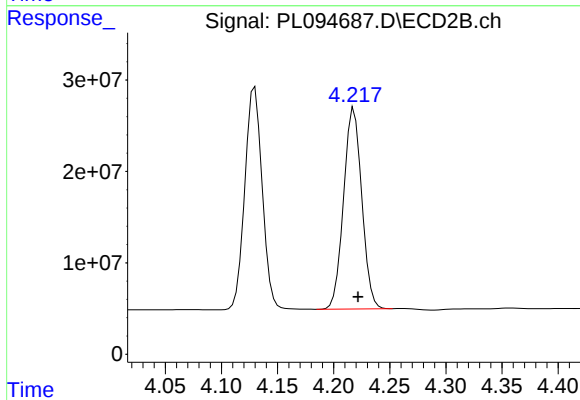
#5 Aldrin

R.T.: 5.253 min
Delta R.T.: -0.003 min
Response: 175273713
Conc: 47.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167125BS

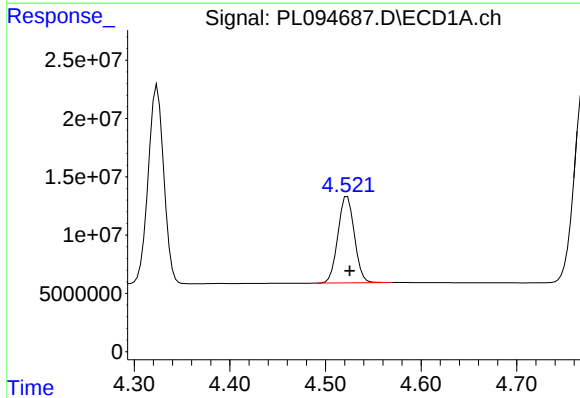
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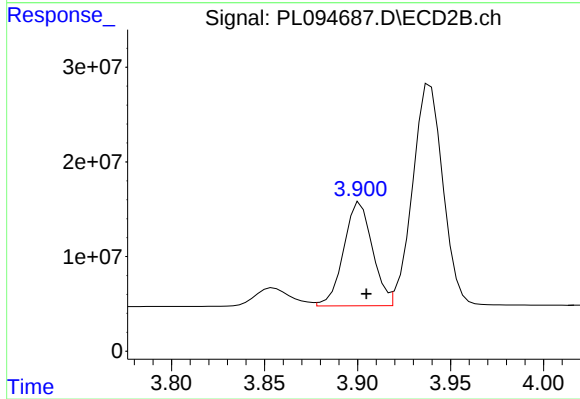
#5 Aldrin

R.T.: 4.218 min
Delta R.T.: -0.003 min
Response: 248113557
Conc: 50.88 ng/ml



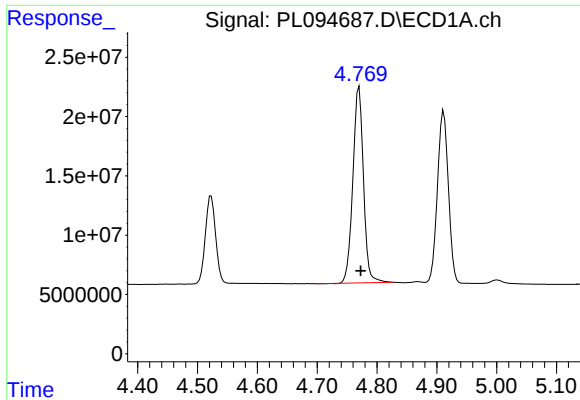
#6 beta-BHC

R.T.: 4.523 min
Delta R.T.: -0.003 min
Response: 88827185
Conc: 48.14 ng/ml



#6 beta-BHC

R.T.: 3.901 min
Delta R.T.: -0.003 min
Response: 117901223
Conc: 53.08 ng/ml



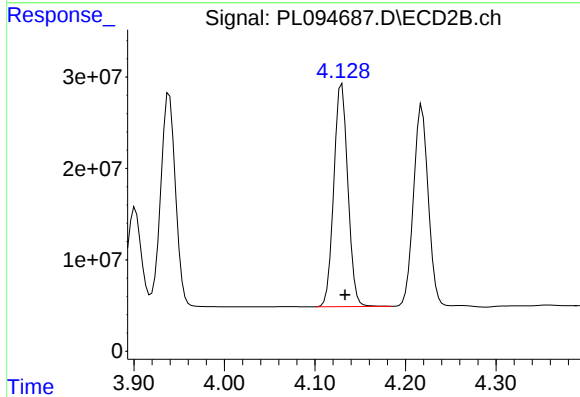
#7 delta-BHC

R.T.: 4.770 min
Delta R.T.: -0.003 min
Response: 202966655
Conc: 52.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167125BS

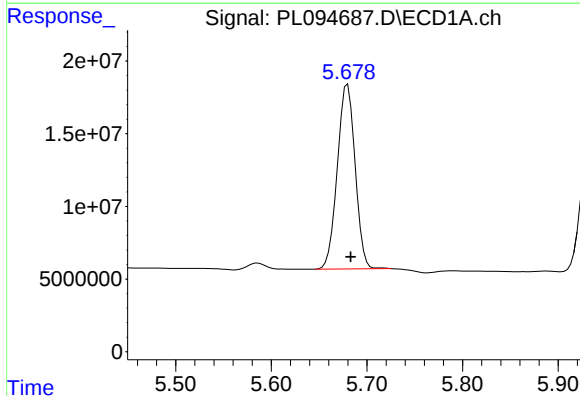
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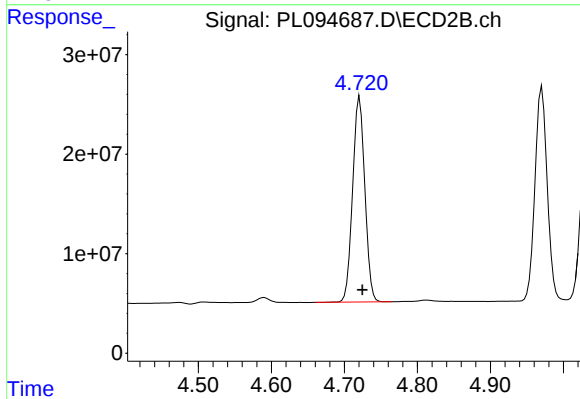
#7 delta-BHC

R.T.: 4.130 min
Delta R.T.: -0.003 min
Response: 262860958
Conc: 52.55 ng/ml



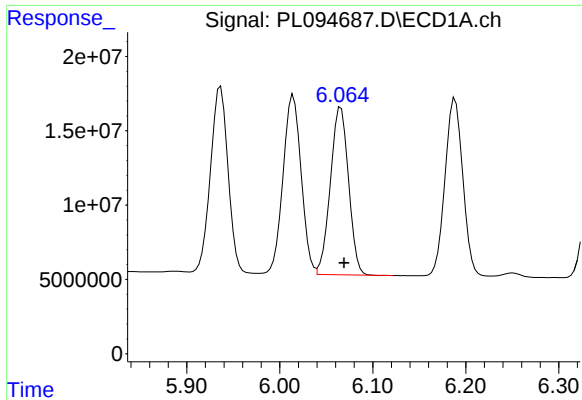
#8 Heptachlor epoxide

R.T.: 5.680 min
Delta R.T.: -0.003 min
Response: 164574797
Conc: 49.20 ng/ml



#8 Heptachlor epoxide

R.T.: 4.721 min
Delta R.T.: -0.004 min
Response: 240006383
Conc: 52.42 ng/ml



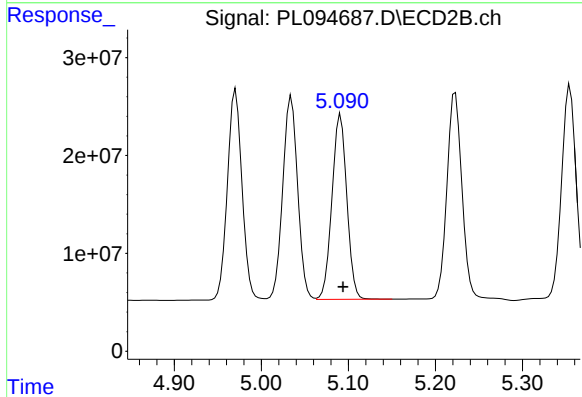
#9 Endosulfan I

R.T.: 6.066 min
Delta R.T.: -0.003 min
Response: 153158695
Conc: 49.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167125BS

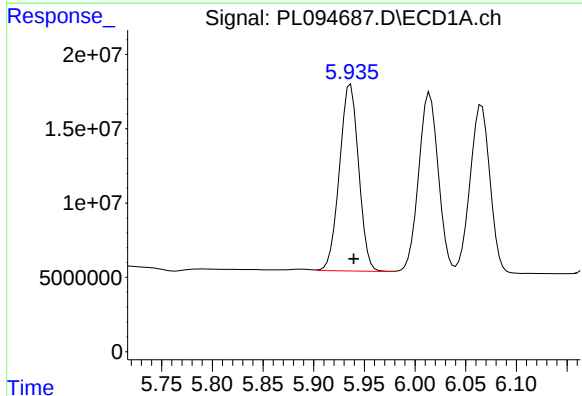
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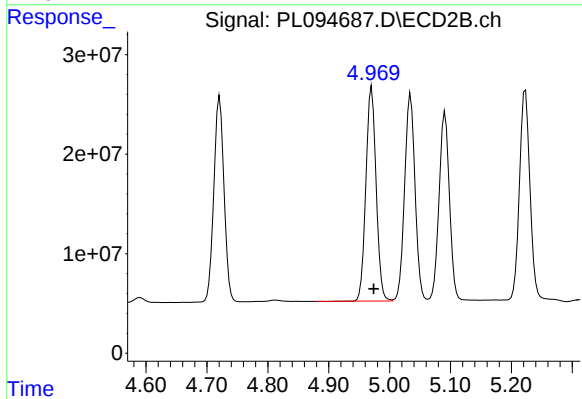
#9 Endosulfan I

R.T.: 5.091 min
Delta R.T.: -0.003 min
Response: 224753574
Conc: 51.21 ng/ml



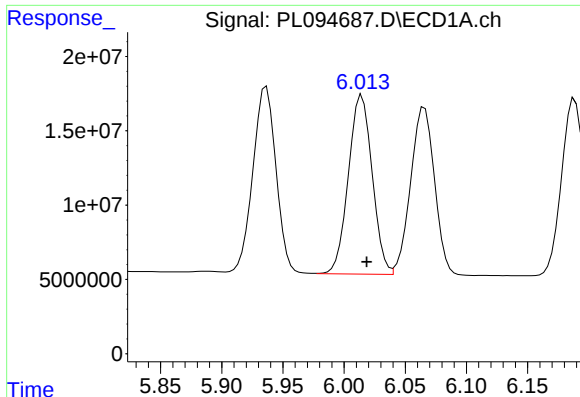
#10 gamma-Chlordane

R.T.: 5.936 min
Delta R.T.: -0.003 min
Response: 165071107
Conc: 48.99 ng/ml



#10 gamma-Chlordane

R.T.: 4.971 min
Delta R.T.: -0.003 min
Response: 251123520
Conc: 52.01 ng/ml



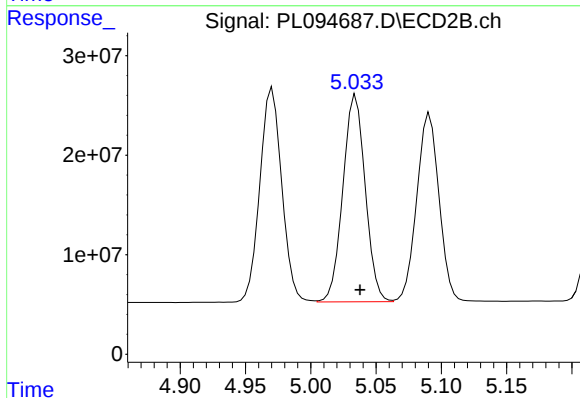
#11 alpha-Chlordane

R.T.: 6.015 min
Delta R.T.: -0.004 min
Response: 163014411
Conc: 49.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167125BS

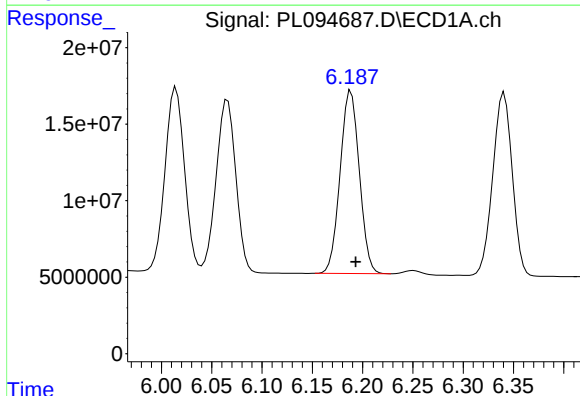
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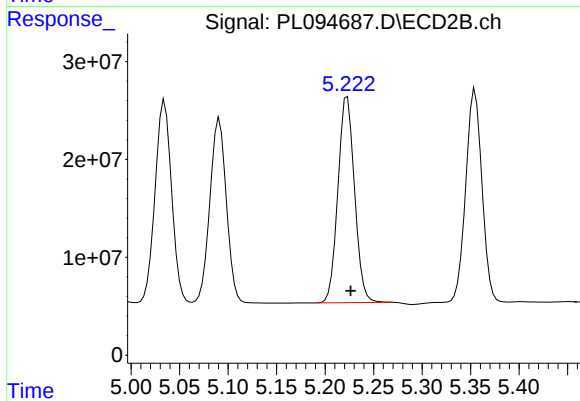
#11 alpha-Chlordane

R.T.: 5.034 min
Delta R.T.: -0.003 min
Response: 247549987
Conc: 51.87 ng/ml



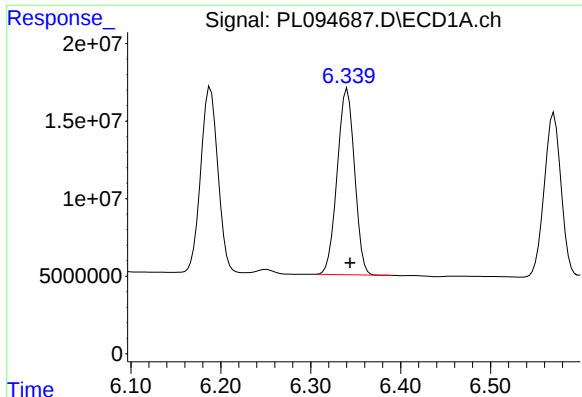
#12 4,4'-DDE

R.T.: 6.189 min
Delta R.T.: -0.004 min
Response: 158597067
Conc: 53.91 ng/ml



#12 4,4'-DDE

R.T.: 5.222 min
Delta R.T.: -0.005 min
Response: 250502279
Conc: 53.89 ng/ml m



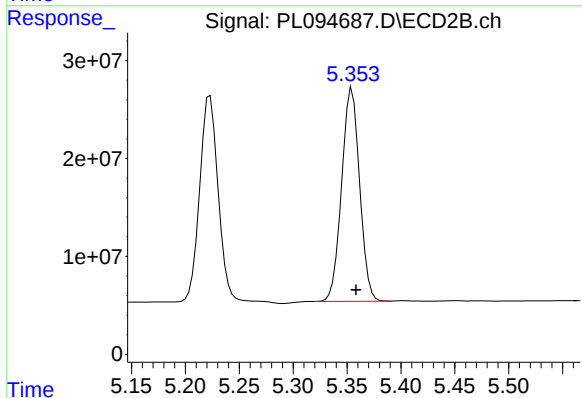
#13 Dieldrin

R.T.: 6.341 min
Delta R.T.: -0.003 min
Response: 160673350
Conc: 50.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167125BS

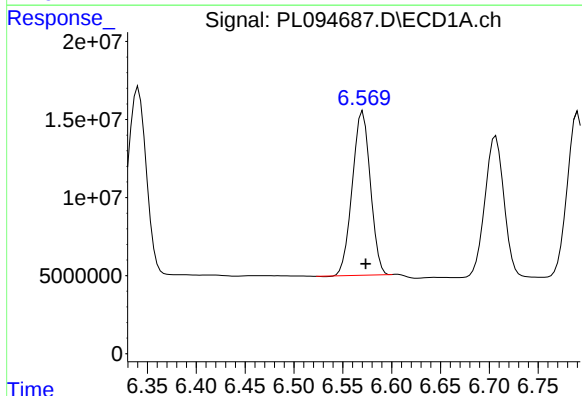
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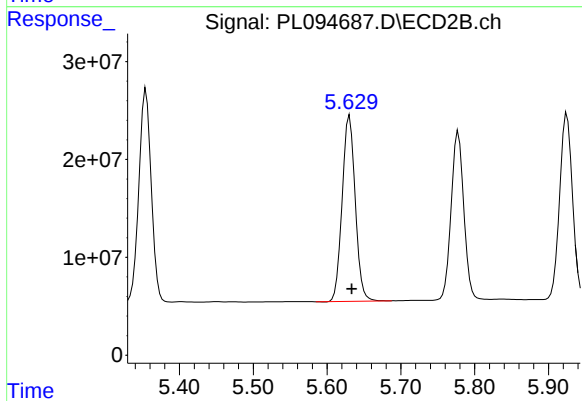
#13 Dieldrin

R.T.: 5.353 min
Delta R.T.: -0.005 min
Response: 253287167
Conc: 52.20 ng/ml m



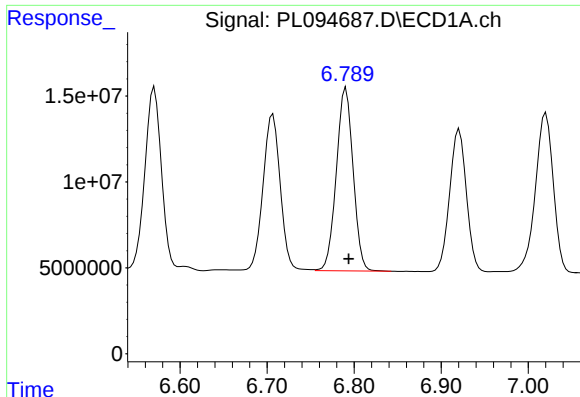
#14 Endrin

R.T.: 6.570 min
Delta R.T.: -0.003 min
Response: 135001471
Conc: 48.70 ng/ml



#14 Endrin

R.T.: 5.631 min
Delta R.T.: -0.003 min
Response: 233413560
Conc: 53.49 ng/ml



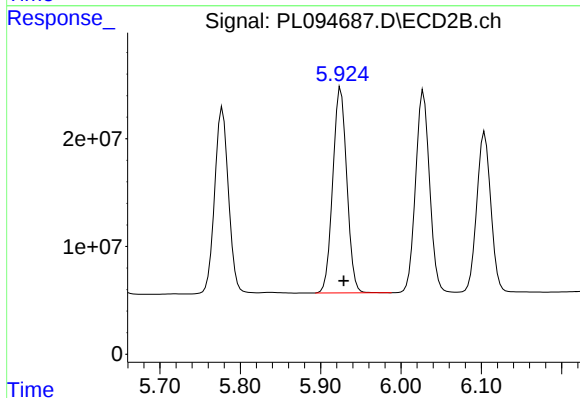
#15 Endosulfan II

R.T.: 6.791 min
Delta R.T.: -0.003 min
Response: 142504464
Conc: 52.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167125BS

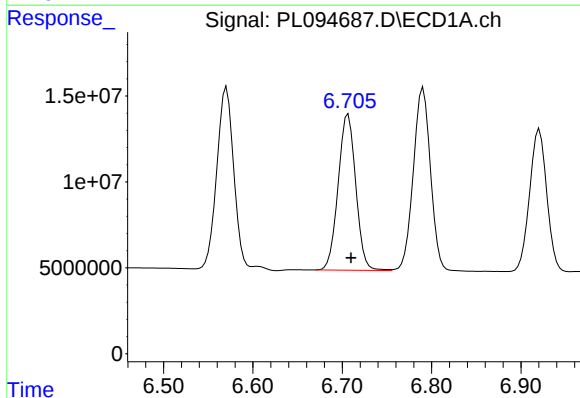
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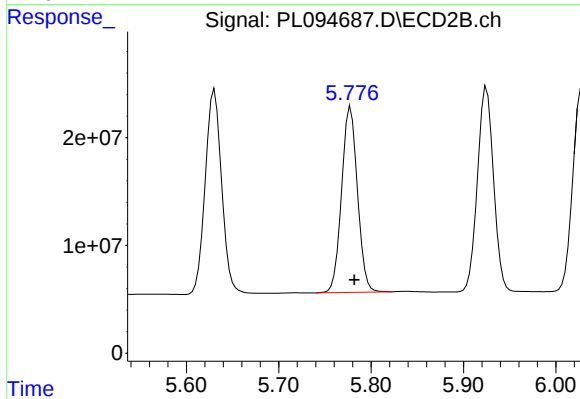
#15 Endosulfan II

R.T.: 5.925 min
Delta R.T.: -0.003 min
Response: 231442463
Conc: 53.47 ng/ml



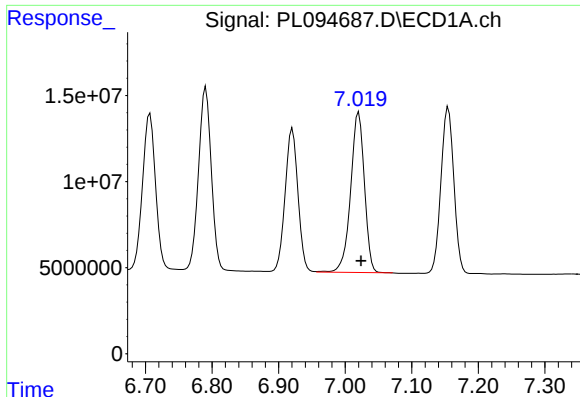
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: -0.003 min
Response: 124291836
Conc: 57.38 ng/ml



#16 4,4'-DDD

R.T.: 5.778 min
Delta R.T.: -0.004 min
Response: 205444764
Conc: 57.13 ng/ml



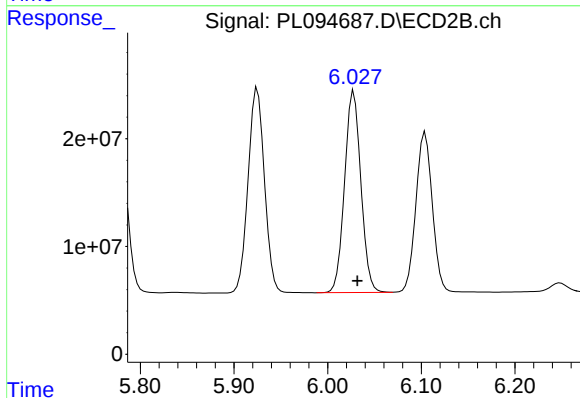
#17 4,4'-DDT

R.T.: 7.020 min
Delta R.T.: -0.003 min
Response: 133859525
Conc: 56.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167125BS

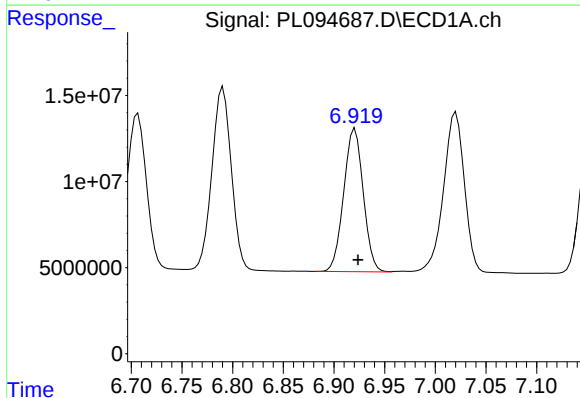
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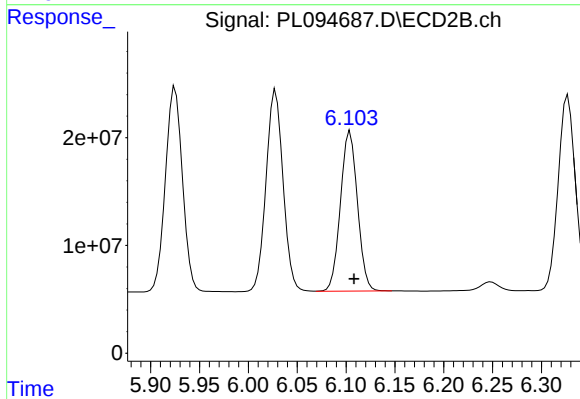
#17 4,4'-DDT

R.T.: 6.028 min
Delta R.T.: -0.004 min
Response: 226583886
Conc: 56.19 ng/ml



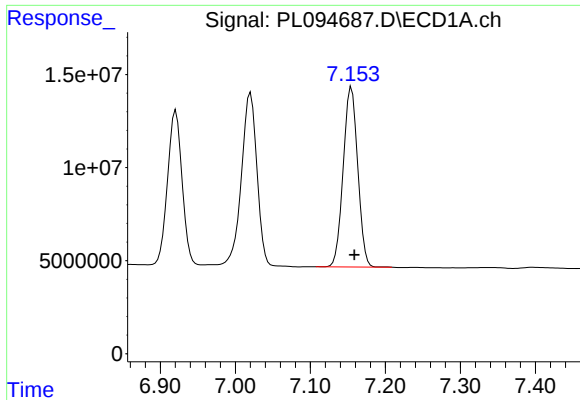
#18 Endrin aldehyde

R.T.: 6.921 min
Delta R.T.: -0.003 min
Response: 111248143
Conc: 52.70 ng/ml



#18 Endrin aldehyde

R.T.: 6.104 min
Delta R.T.: -0.004 min
Response: 180107803
Conc: 53.52 ng/ml



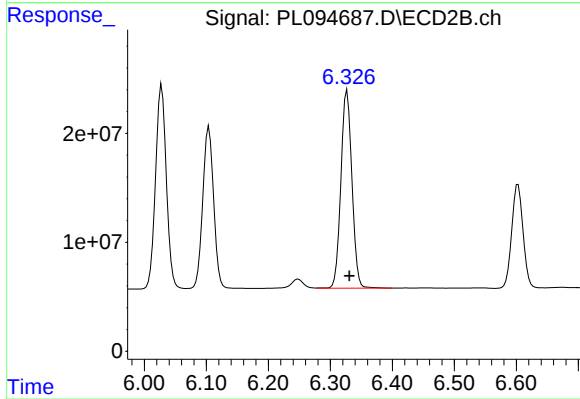
#19 Endosulfan Sulfate

R.T.: 7.155 min
Delta R.T.: -0.004 min
Response: 129905017
Conc: 53.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167125BS

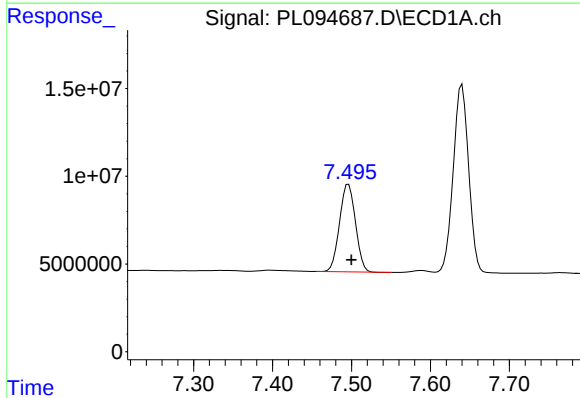
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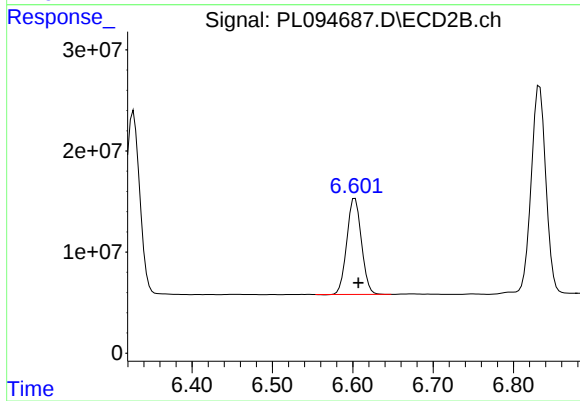
#19 Endosulfan Sulfate

R.T.: 6.327 min
Delta R.T.: -0.004 min
Response: 225137403
Conc: 55.27 ng/ml



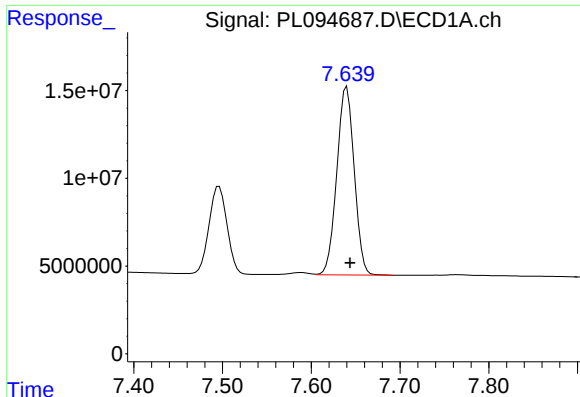
#20 Methoxychlor

R.T.: 7.496 min
Delta R.T.: -0.004 min
Response: 69897960
Conc: 58.39 ng/ml



#20 Methoxychlor

R.T.: 6.603 min
Delta R.T.: -0.004 min
Response: 120281228
Conc: 56.71 ng/ml



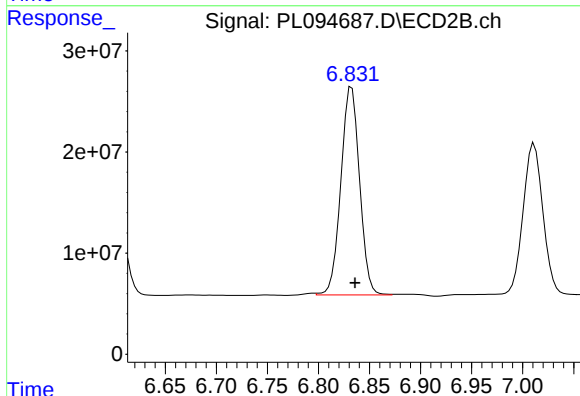
#21 Endrin ketone

R.T.: 7.640 min
Delta R.T.: -0.004 min
Response: 146112704
Conc: 55.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167125BS

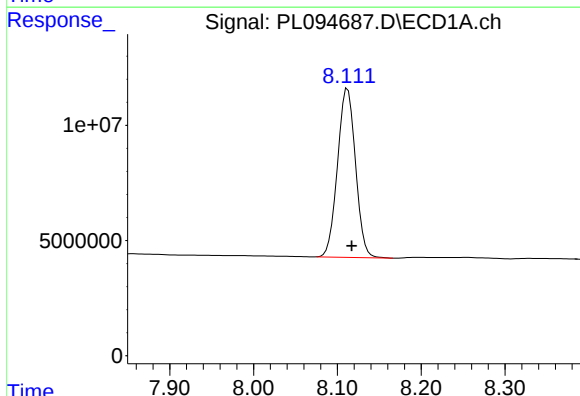
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/14/2025
Supervised By :mohammad ahmed 03/18/2025



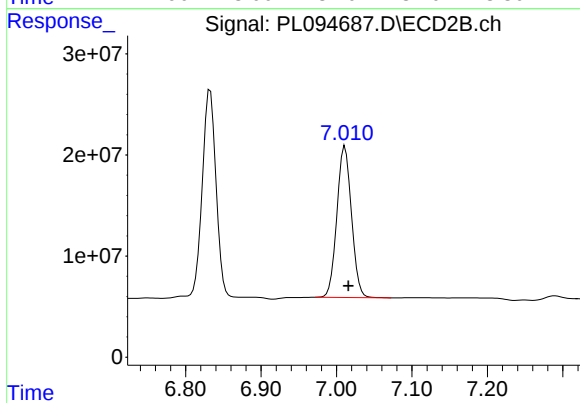
#21 Endrin ketone

R.T.: 6.831 min
Delta R.T.: -0.005 min
Response: 262225141
Conc: 54.94 ng/ml m



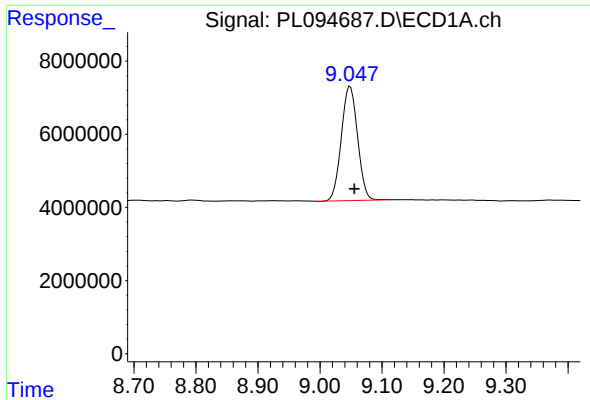
#22 Mirex

R.T.: 8.112 min
Delta R.T.: -0.005 min
Response: 109244195
Conc: 52.87 ng/ml



#22 Mirex

R.T.: 7.010 min
Delta R.T.: -0.006 min
Response: 201708501
Conc: 53.15 ng/ml m



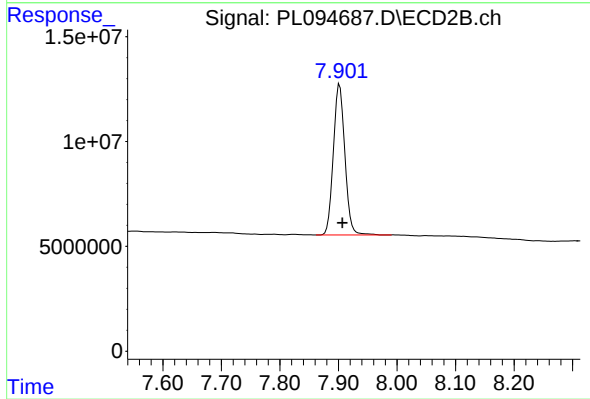
#28 Decachlorobiphenyl

R.T.: 9.049 min
Delta R.T.: -0.007 min
Response: 56757747
Conc: 26.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167125BS

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/14/2025
Supervised By :mohammad ahmed 03/18/2025



#28 Decachlorobiphenyl

R.T.: 7.902 min
Delta R.T.: -0.005 min
Response: 98242587
Conc: 24.32 ng/ml