

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020725\
 Data File : PL094101.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Feb 2025 14:12
 Operator : AR\AJ
 Sample : Q1309-13MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 WC-5MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/10/2025
 Supervised By :Ankita Jodhani 02/12/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 08 01:35:29 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 21 14:58:05 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...	3.538	2.774	60902048	72529586	22.617	22.220
28)	SA Decachlor...	9.055	7.910	47575576	79151880	22.743	22.589
Target Compounds							
2)	A alpha-BHC	3.994	3.276	191.9E6	250.7E6	50.044	51.276
3)	MA gamma-BHC...	4.327	3.606	181.2E6	237.2E6	49.213	50.038
4)	MA Heptachlor	4.915	3.944	169.5E6	238.9E6	51.712	51.324
5)	MB Aldrin	5.256	4.224	164.8E6	230.3E6	50.365	50.488
6)	B beta-BHC	4.526	3.906	82904865	104.0E6	51.579	52.042
7)	B delta-BHC	4.772	4.135	177.4E6	238.3E6	50.622	50.146
8)	B Heptachlo...	5.683	4.726	147.9E6	217.3E6	49.737	51.987
9)	A Endosulfan I	6.068	5.097	134.1E6	207.0E6	50.743	53.386
10)	B gamma-Chl...	5.939	4.976	143.1E6	235.3E6	51.337	55.530
11)	B alpha-Chl...	6.018	5.040	142.9E6	226.2E6	51.259	54.021
12)	B 4,4'-DDE	6.192	5.229	134.9E6	221.7E6	55.429	55.303
13)	MA Dieldrin	6.344	5.361	140.3E6	226.8E6	50.531	52.803
14)	MA Endrin	6.574	5.635	121.8E6	206.8E6	51.949	55.989m
15)	B Endosulfa...	6.794	5.931	123.3E6	199.8E6	51.190	53.951
16)	A 4,4'-DDD	6.708	5.784	103.7E6	176.7E6	54.544m	55.984
17)	MA 4,4'-DDT	7.023	6.034	108.4E6	185.2E6	54.959	56.905
18)	B Endrin al...	6.924	6.110	91037616	145.3E6	46.829	47.727
19)	B Endosulfa...	7.158	6.333	112.6E6	189.8E6	49.733	53.210
20)	A Methoxychlor	7.500	6.609	57260746	97889851	54.879	54.744
21)	B Endrin ke...	7.644	6.838	124.0E6	217.6E6	49.144	51.876
22)	Mirex	8.117	7.019	95215136	170.1E6	45.722	50.284

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020725\
Data File : PL094101.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Feb 2025 14:12
Operator : AR\AJ
Sample : Q1309-13MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

WC-5MS

Manual Integrations

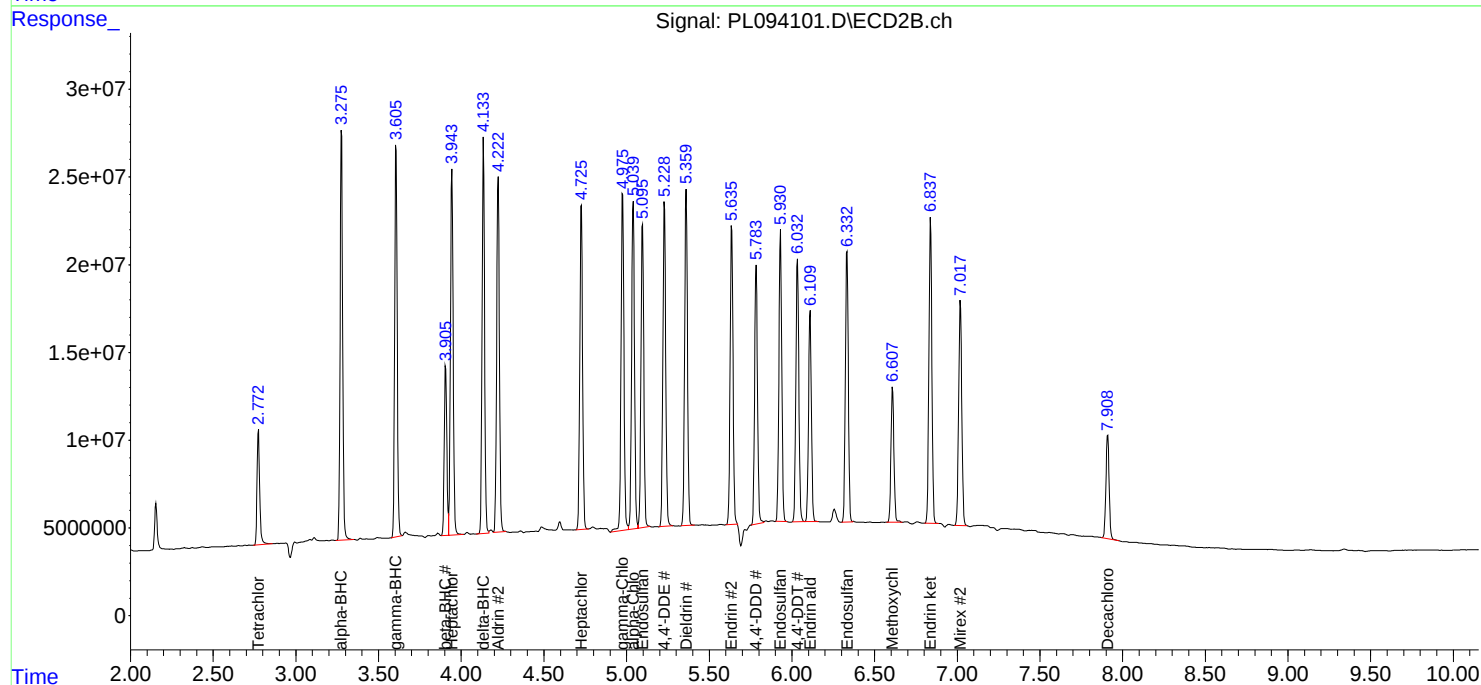
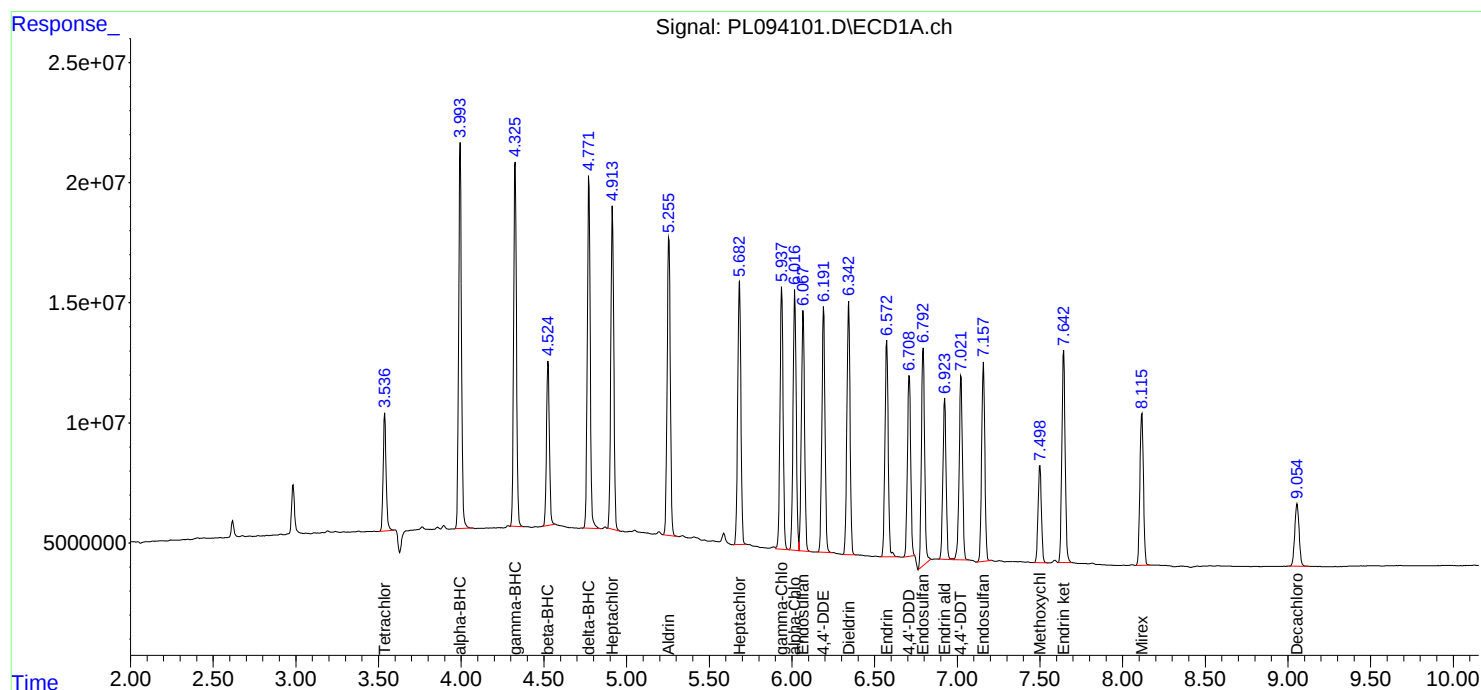
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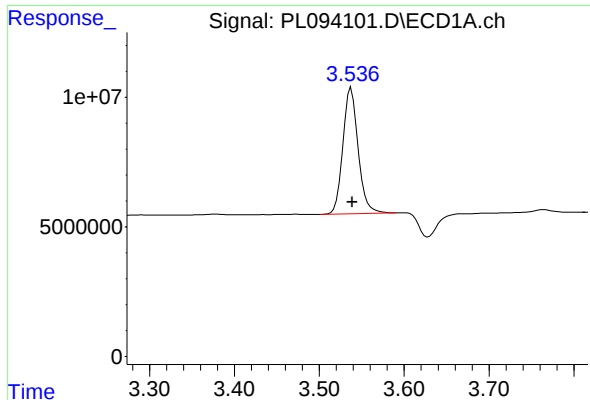
Reviewed By :Abdul Mirza 02/10/2025

Supervised By :Ankita Jodhani 02/12/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 08 01:35:29 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
Quant Title : GC Extractables
QLast Update : Tue Jan 21 14:58:05 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





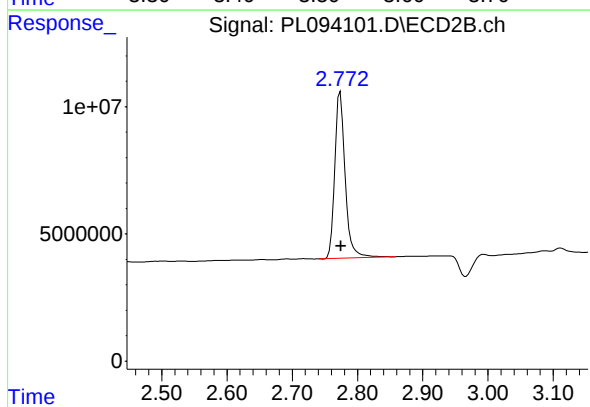
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: -0.001 min
Response: 60902048
Conc: 22.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MS

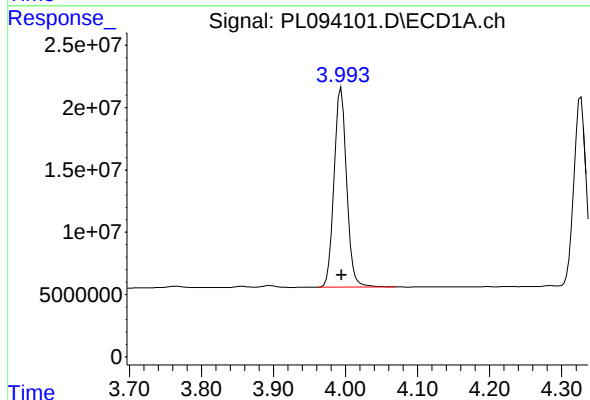
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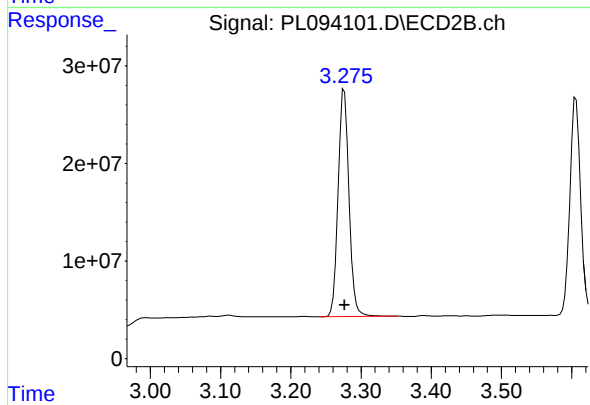
#1 Tetrachloro-m-xylene

R.T.: 2.774 min
Delta R.T.: 0.000 min
Response: 72529586
Conc: 22.22 ng/ml



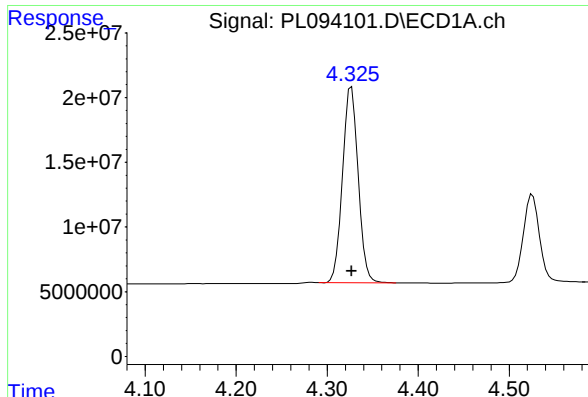
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.000 min
Response: 191861166
Conc: 50.04 ng/ml



#2 alpha-BHC

R.T.: 3.276 min
Delta R.T.: 0.000 min
Response: 250687666
Conc: 51.28 ng/ml



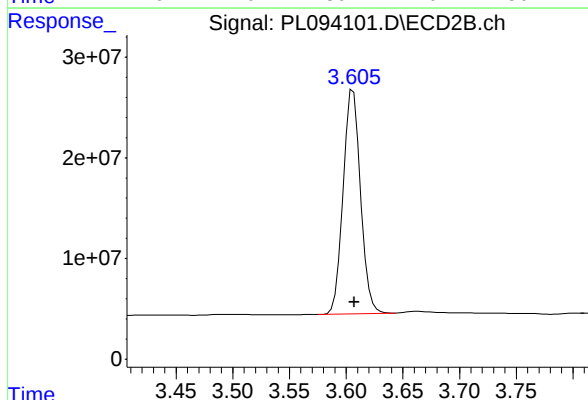
#3 gamma-BHC (Lindane)

R.T.: 4.327 min
Delta R.T.: 0.000 min
Response: 181243260
Conc: 49.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MS

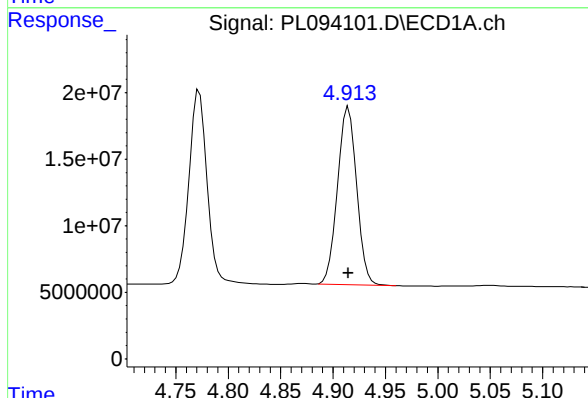
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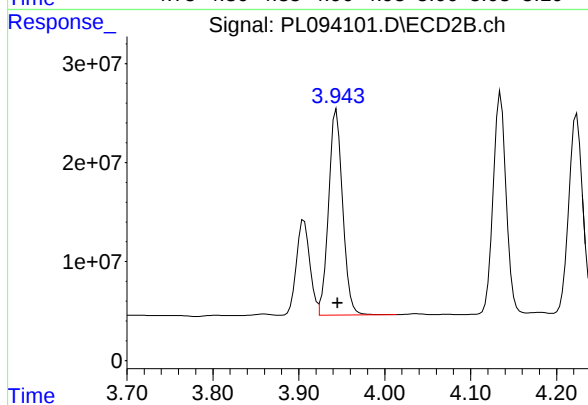
#3 gamma-BHC (Lindane)

R.T.: 3.606 min
Delta R.T.: 0.000 min
Response: 237240314
Conc: 50.04 ng/ml



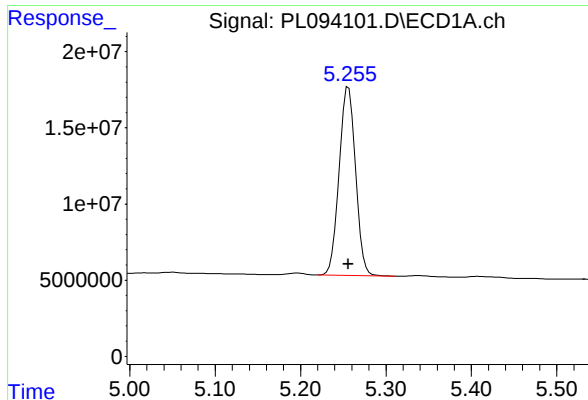
#4 Heptachlor

R.T.: 4.915 min
Delta R.T.: 0.000 min
Response: 169476492
Conc: 51.71 ng/ml



#4 Heptachlor

R.T.: 3.944 min
Delta R.T.: -0.001 min
Response: 238903250
Conc: 51.32 ng/ml



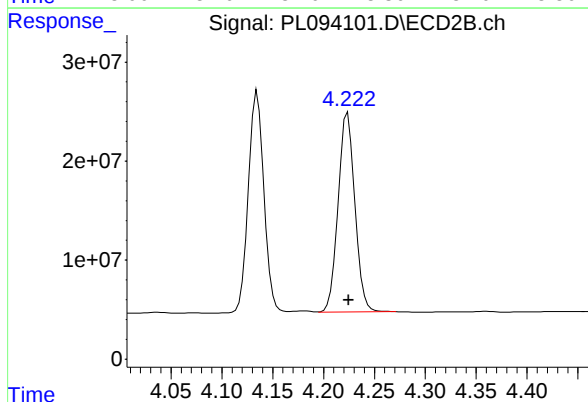
#5 Aldrin

R.T.: 5.256 min
Delta R.T.: 0.000 min
Response: 164792971
Conc: 50.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MS

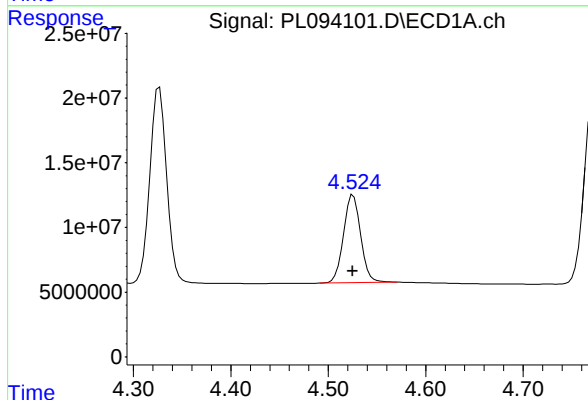
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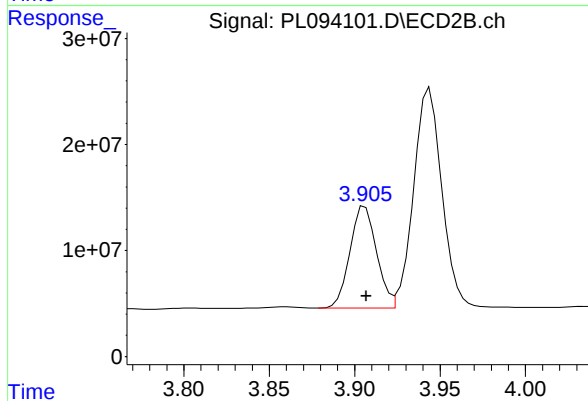
#5 Aldrin

R.T.: 4.224 min
Delta R.T.: 0.000 min
Response: 230314188
Conc: 50.49 ng/ml



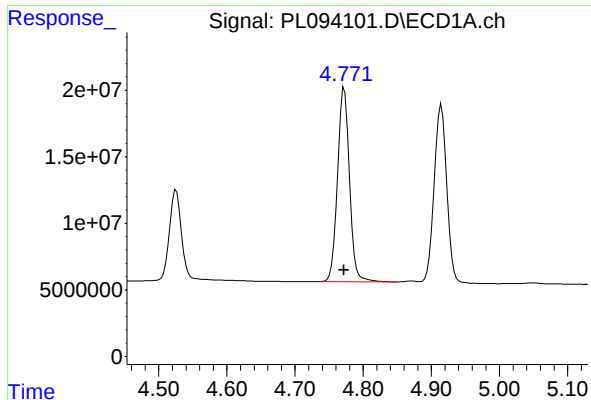
#6 beta-BHC

R.T.: 4.526 min
Delta R.T.: 0.000 min
Response: 82904865
Conc: 51.58 ng/ml



#6 beta-BHC

R.T.: 3.906 min
Delta R.T.: 0.000 min
Response: 103950826
Conc: 52.04 ng/ml



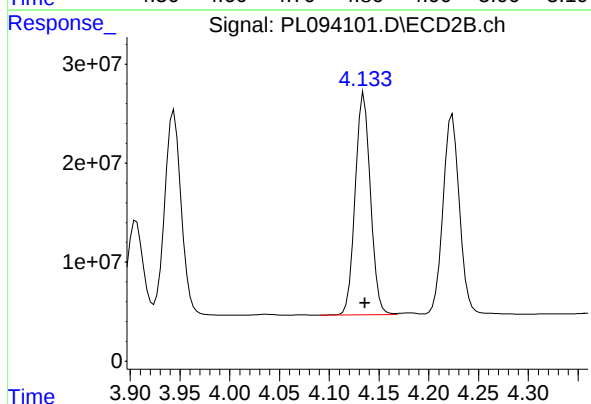
#7 delta-BHC

R.T.: 4.772 min
Delta R.T.: 0.000 min
Response: 177446187
Conc: 50.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MS

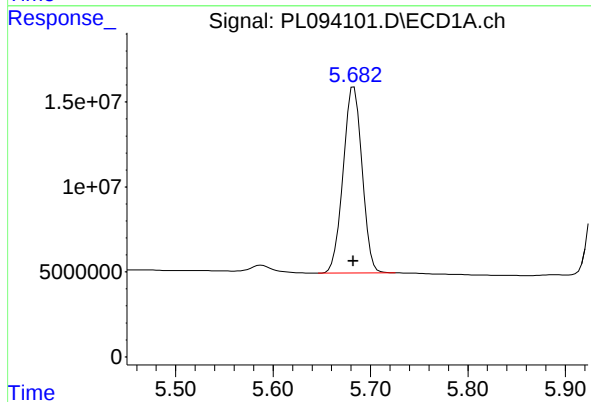
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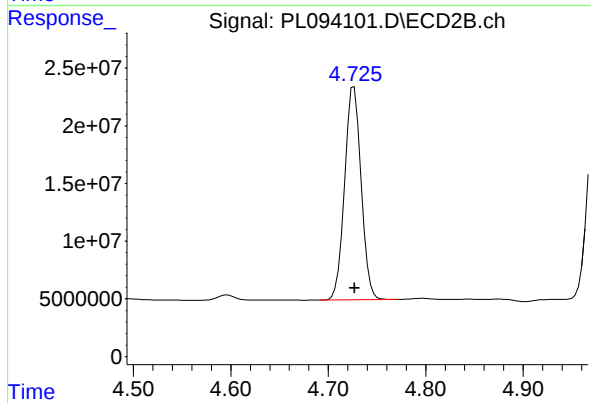
#7 delta-BHC

R.T.: 4.135 min
Delta R.T.: 0.000 min
Response: 238255381
Conc: 50.15 ng/ml



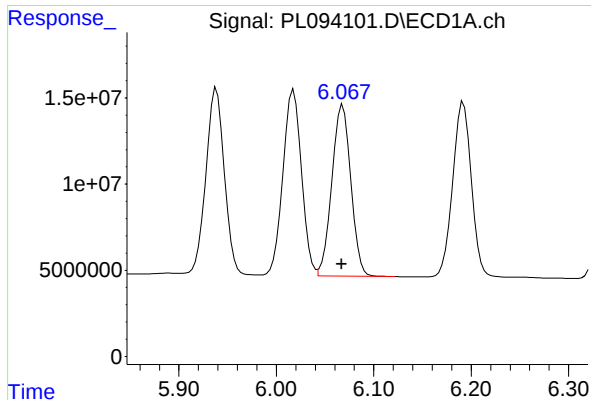
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: 0.000 min
Response: 147907776
Conc: 49.74 ng/ml



#8 Heptachlor epoxide

R.T.: 4.726 min
Delta R.T.: 0.000 min
Response: 217318309
Conc: 51.99 ng/ml



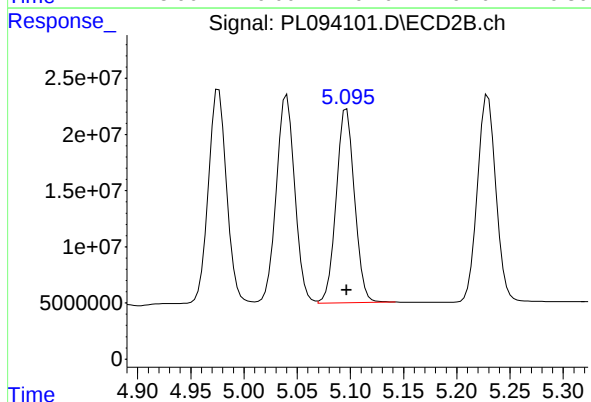
#9 Endosulfan I

R.T.: 6.068 min
Delta R.T.: 0.000 min
Response: 134107742
Conc: 50.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MS

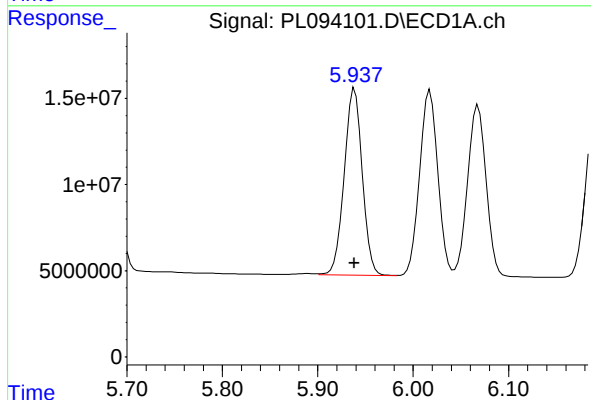
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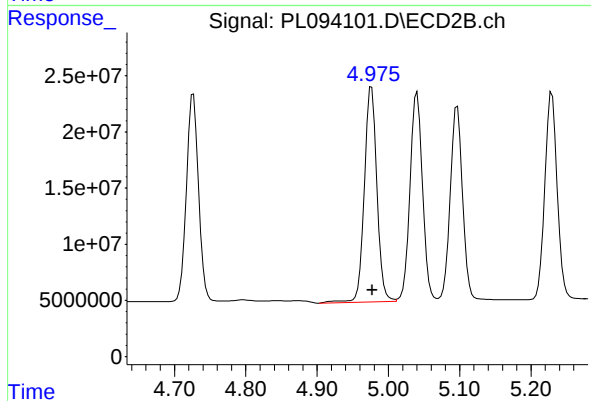
#9 Endosulfan I

R.T.: 5.097 min
Delta R.T.: 0.000 min
Response: 206971537
Conc: 53.39 ng/ml



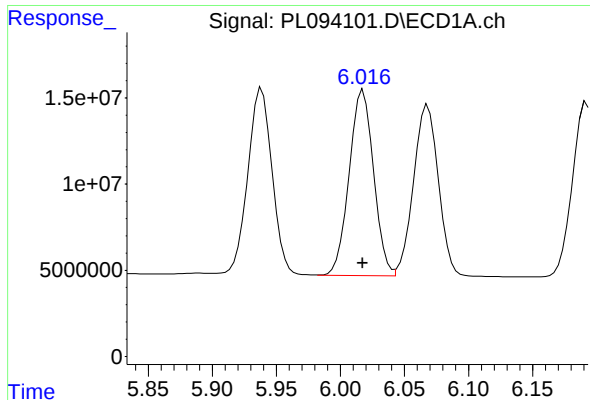
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: 0.000 min
Response: 143096593
Conc: 51.34 ng/ml



#10 gamma-Chlordane

R.T.: 4.976 min
Delta R.T.: 0.000 min
Response: 235316933
Conc: 55.53 ng/ml



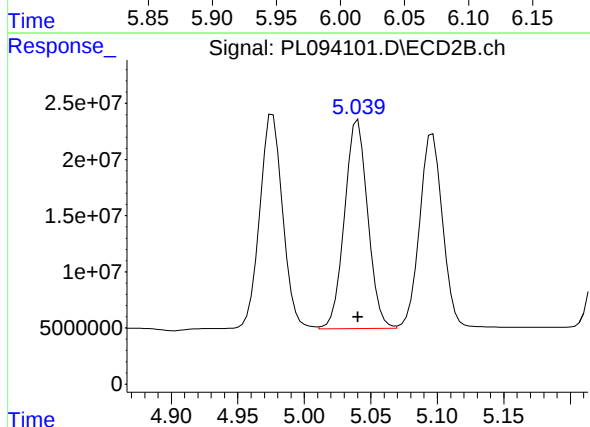
#11 alpha-Chlordane

R.T.: 6.018 min
Delta R.T.: 0.000 min
Response: 142930427
Conc: 51.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MS

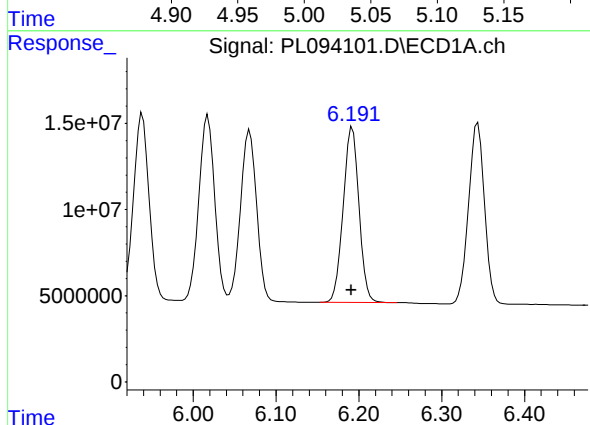
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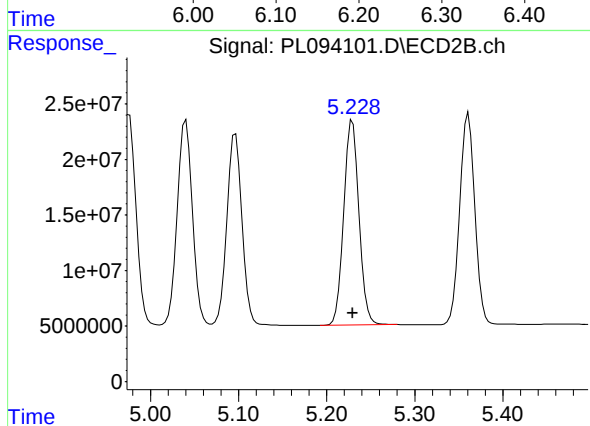
#11 alpha-Chlordane

R.T.: 5.040 min
Delta R.T.: 0.000 min
Response: 226163516
Conc: 54.02 ng/ml



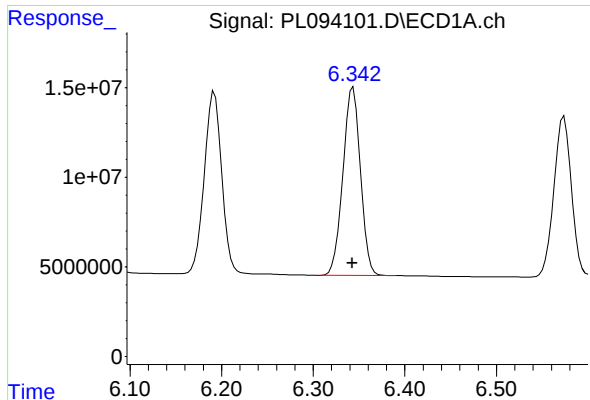
#12 4,4'-DDE

R.T.: 6.192 min
Delta R.T.: 0.000 min
Response: 134946121
Conc: 55.43 ng/ml



#12 4,4'-DDE

R.T.: 5.229 min
Delta R.T.: 0.000 min
Response: 221735359
Conc: 55.30 ng/ml



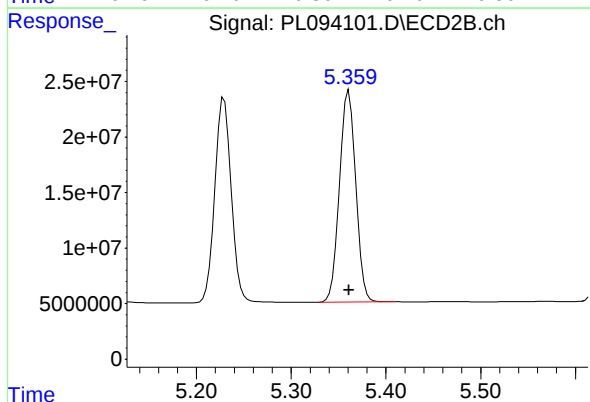
#13 Dieldrin

R.T.: 6.344 min
Delta R.T.: 0.000 min
Response: 140266133
Conc: 50.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MS

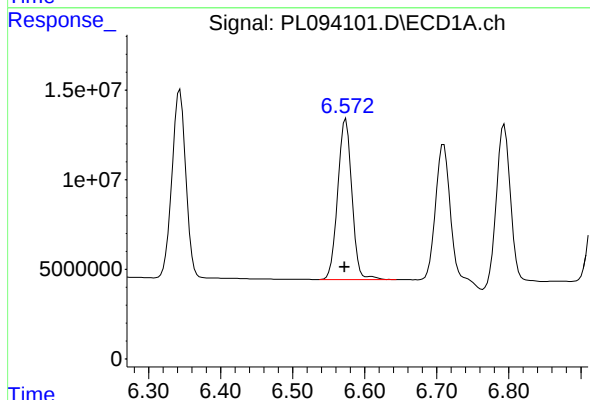
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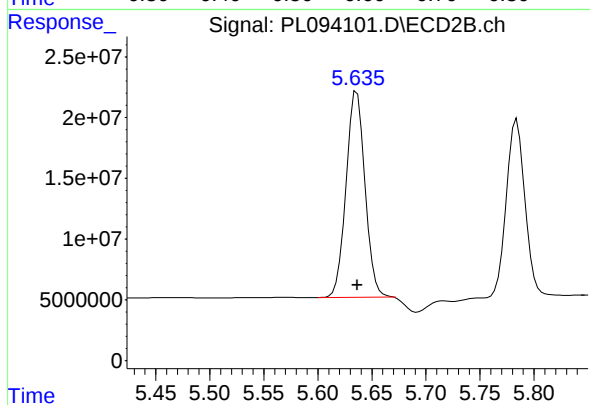
#13 Dieldrin

R.T.: 5.361 min
Delta R.T.: 0.000 min
Response: 226824664
Conc: 52.80 ng/ml



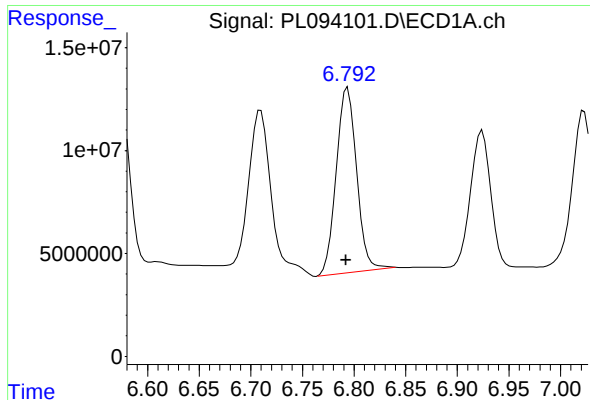
#14 Endrin

R.T.: 6.574 min
Delta R.T.: 0.001 min
Response: 121811326
Conc: 51.95 ng/ml



#14 Endrin

R.T.: 5.635 min
Delta R.T.: -0.002 min
Response: 206750451
Conc: 55.99 ng/ml m



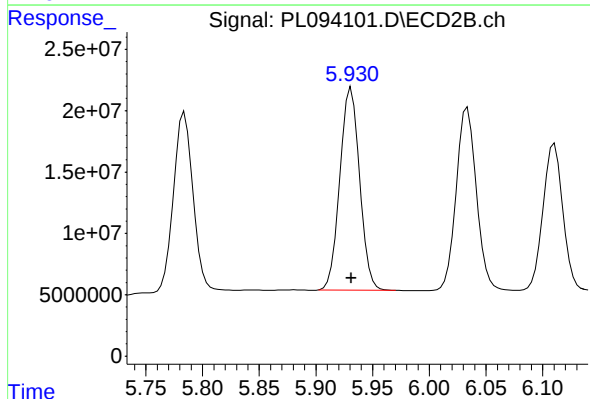
#15 Endosulfan II

R.T.: 6.794 min
Delta R.T.: 0.002 min
Response: 123335572
Conc: 51.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MS

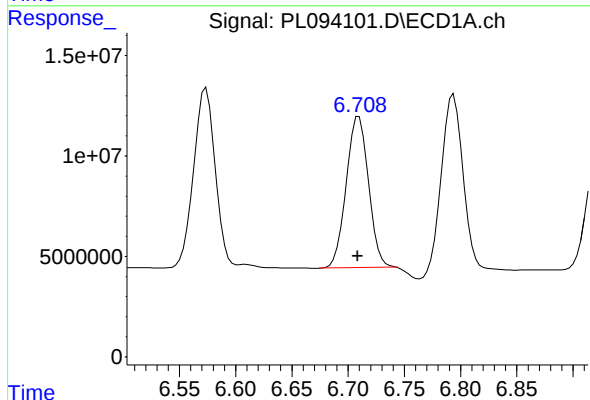
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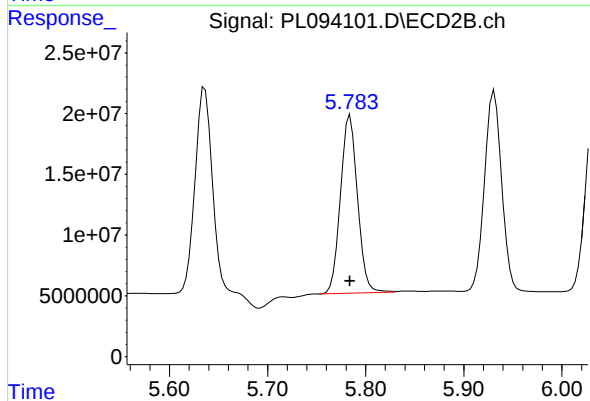
#15 Endosulfan II

R.T.: 5.931 min
Delta R.T.: 0.000 min
Response: 199823563
Conc: 53.95 ng/ml



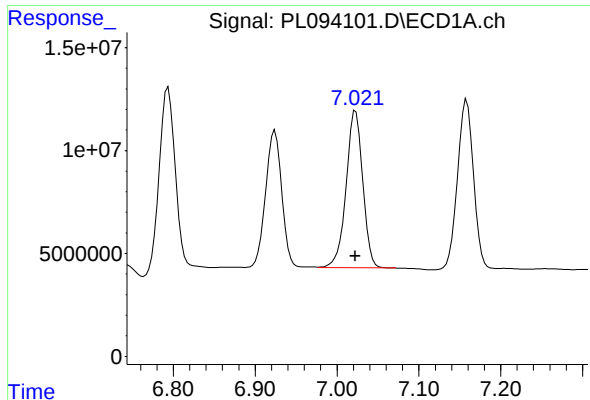
#16 4,4'-DDD

R.T.: 6.708 min
Delta R.T.: 0.000 min
Response: 103663619
Conc: 54.54 ng/ml m



#16 4,4'-DDD

R.T.: 5.784 min
Delta R.T.: 0.000 min
Response: 176716290
Conc: 55.98 ng/ml



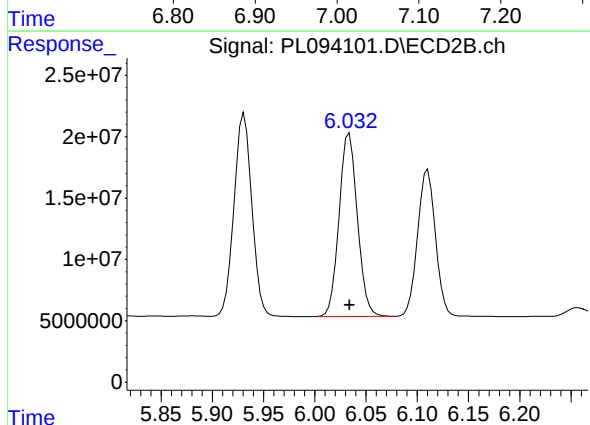
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: 0.000 min
Response: 108381541
Conc: 54.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MS

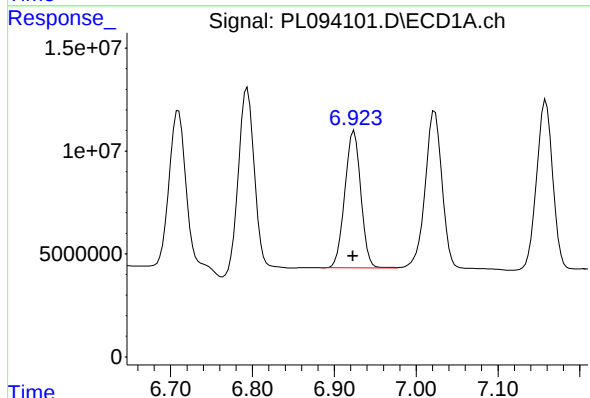
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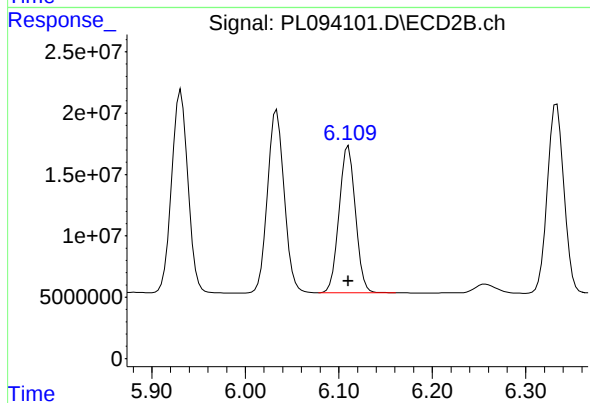
#17 4,4'-DDT

R.T.: 6.034 min
Delta R.T.: 0.000 min
Response: 185170429
Conc: 56.90 ng/ml



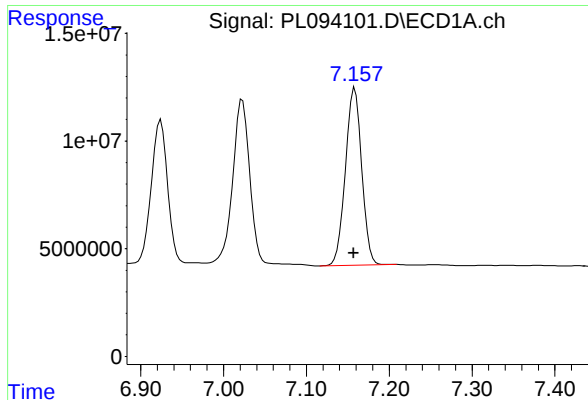
#18 Endrin aldehyde

R.T.: 6.924 min
Delta R.T.: 0.002 min
Response: 91037616
Conc: 46.83 ng/ml



#18 Endrin aldehyde

R.T.: 6.110 min
Delta R.T.: 0.000 min
Response: 145310266
Conc: 47.73 ng/ml



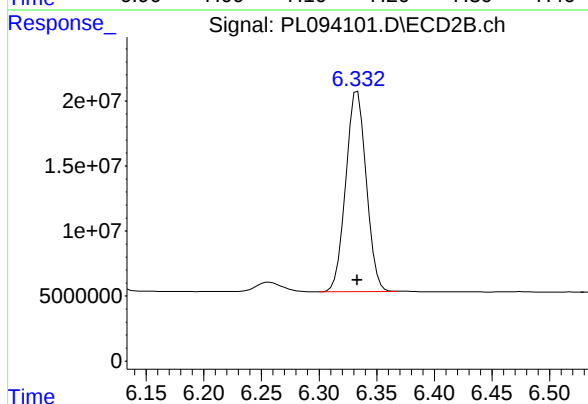
#19 Endosulfan Sulfate

R.T.: 7.158 min
Delta R.T.: 0.001 min
Response: 112583462
Conc: 49.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MS

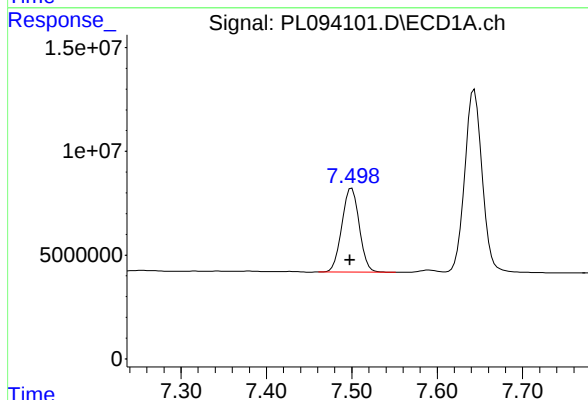
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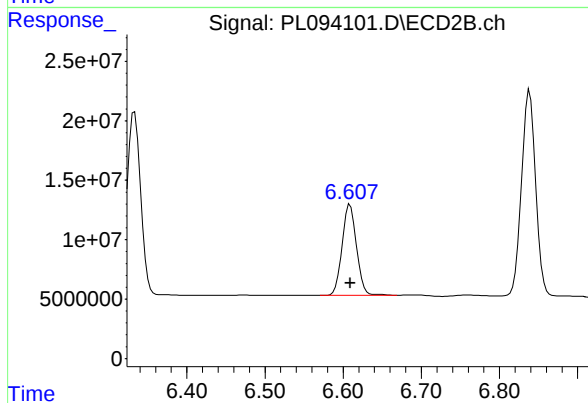
#19 Endosulfan Sulfate

R.T.: 6.333 min
Delta R.T.: 0.000 min
Response: 189750617
Conc: 53.21 ng/ml



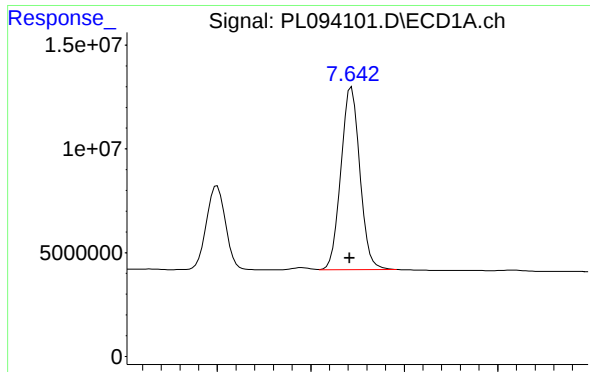
#20 Methoxychlor

R.T.: 7.500 min
Delta R.T.: 0.002 min
Response: 57260746
Conc: 54.88 ng/ml



#20 Methoxychlor

R.T.: 6.609 min
Delta R.T.: 0.000 min
Response: 97889851
Conc: 54.74 ng/ml



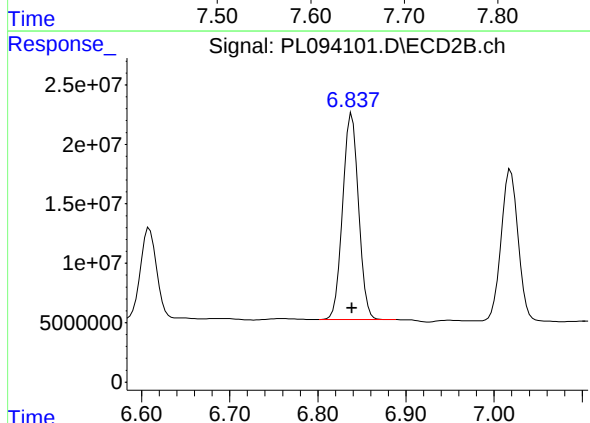
#21 Endrin ketone

R.T.: 7.644 min
Delta R.T.: 0.002 min
Response: 123972027
Conc: 49.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MS

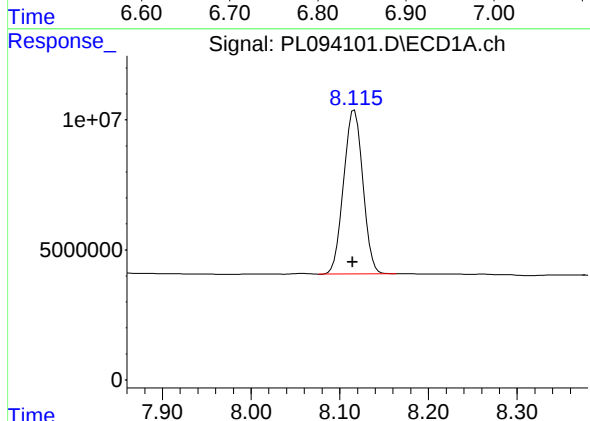
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/10/2025
Supervised By :Ankita Jodhani 02/12/2025



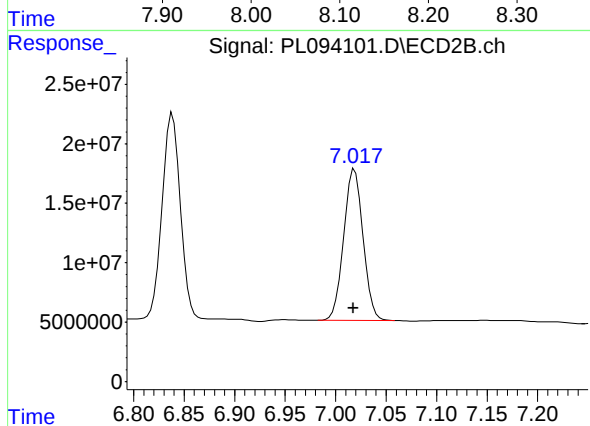
#21 Endrin ketone

R.T.: 6.838 min
Delta R.T.: 0.000 min
Response: 217632380
Conc: 51.88 ng/ml



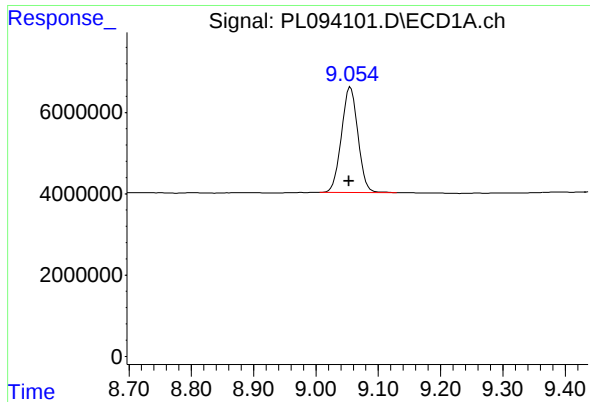
#22 Mirex

R.T.: 8.117 min
Delta R.T.: 0.002 min
Response: 95215136
Conc: 45.72 ng/ml



#22 Mirex

R.T.: 7.019 min
Delta R.T.: 0.001 min
Response: 170053388
Conc: 50.28 ng/ml



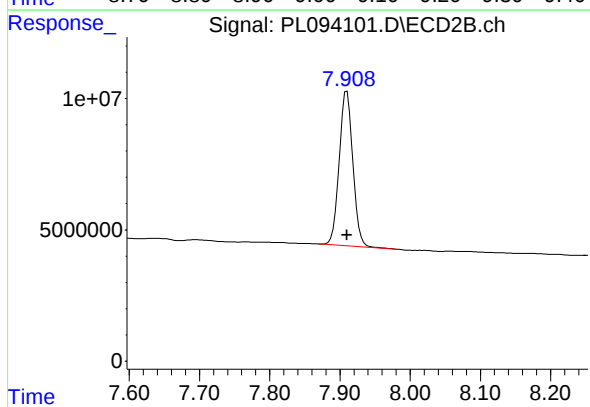
#28 Decachlorobiphenyl

R.T.: 9.055 min
Delta R.T.: 0.003 min
Response: 47575576
Conc: 22.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-5MS

Manual Integrations
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Supervised By :Ankita Jodhani 02/12/2025



#28 Decachlorobiphenyl

R.T.: 7.910 min
Delta R.T.: 0.000 min
Response: 79151880
Conc: 22.59 ng/ml