

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL013125\
 Data File : PL093971.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Feb 2025 00:57
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/03/2025
 Supervised By :Ankita Jodhani 02/03/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 01 01:09:45 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	137.6E6	170.6E6	51.107	52.269
28)	SA Decachlor...	9.057	7.911	92166830	148.4E6	44.059	42.337
Target Compounds							
2)	A alpha-BHC	3.994	3.276	197.9E6	259.7E6	51.627	53.118
3)	MA gamma-BHC...	4.327	3.606	184.3E6	242.3E6	50.044	51.101
4)	MA Heptachlor	4.915	3.945	164.3E6	233.8E6	50.120	50.222
5)	MB Aldrin	5.257	4.224	160.8E6	228.2E6	49.147	50.029
6)	B beta-BHC	4.526	3.906	81125313	105.6E6	50.472	52.878
7)	B delta-BHC	4.772	4.135	173.2E6	237.8E6	49.409	50.051
8)	B Heptachlo...	5.683	4.727	142.1E6	209.3E6	47.787	50.066
9)	A Endosulfan I	6.069	5.097	127.0E6	177.3E6	48.064	45.738
10)	B gamma-Chl...	5.940	4.977	138.1E6	222.3E6	49.551	52.466
11)	B alpha-Chl...	6.018	5.041	136.8E6	216.5E6	49.052	51.718
12)	B 4,4'-DDE	6.192	5.230	126.3E6	218.9E6	51.875	54.608
13)	MA Dieldrin	6.345	5.361	131.9E6	216.9E6	47.522	50.491
14)	MA Endrin	6.573	5.637	104.3E6	183.8E6	44.467m	49.762
15)	B Endosulfa...	6.795	5.932	111.6E6	183.8E6	46.333	49.617
16)	A 4,4'-DDD	6.711	5.785	104.0E6	177.4E6	54.726	56.198
17)	MA 4,4'-DDT	7.025	6.035	88412487	151.2E6	44.833	46.456
18)	B Endrin al...	6.925	6.111	86568776	138.1E6	44.530	45.374
19)	B Endosulfa...	7.160	6.334	100.2E6	169.0E6	44.272	47.401
20)	A Methoxychlor	7.500	6.611	45529670	80874445	43.636	45.228
21)	B Endrin ke...	7.645	6.840	112.7E6	192.4E6	44.661	45.870
22)	Mirex	8.118	7.020	82894240	140.6E6	39.805	41.587

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL013125\
Data File : PL093971.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Feb 2025 00:57
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

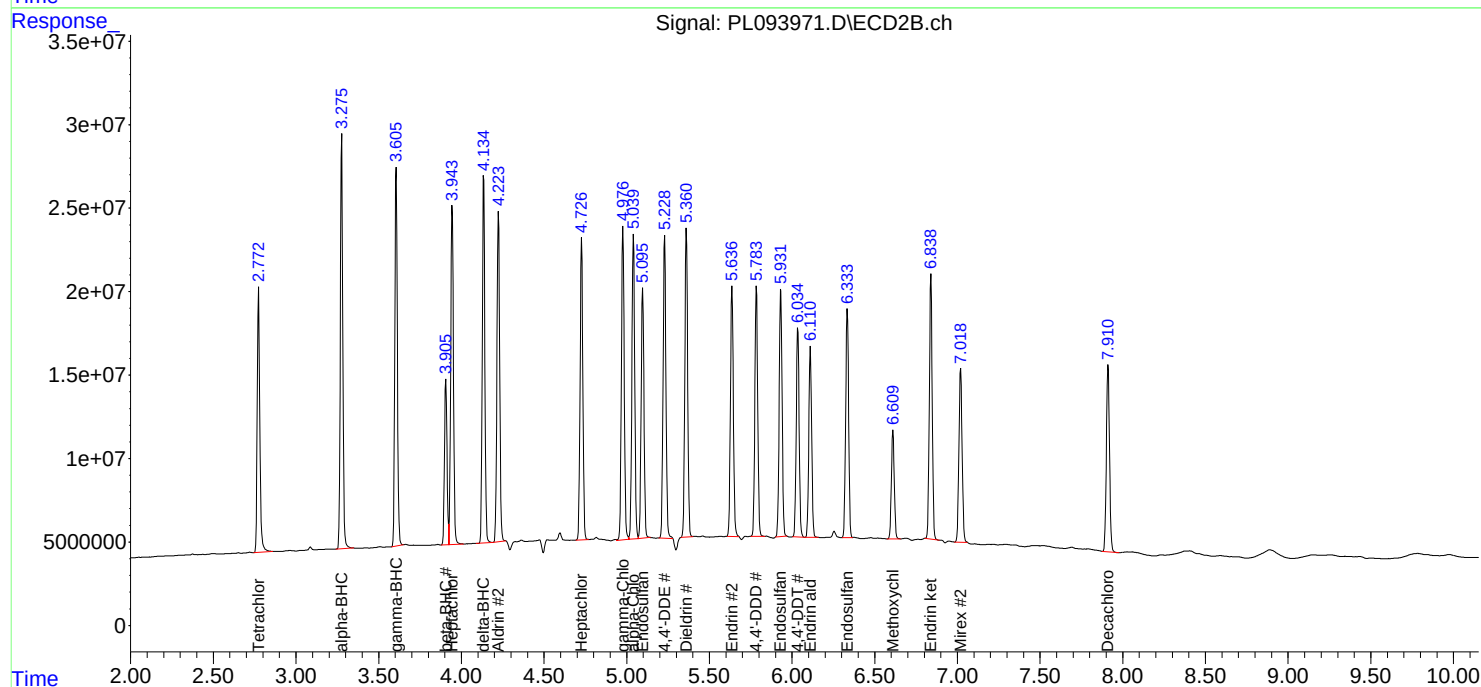
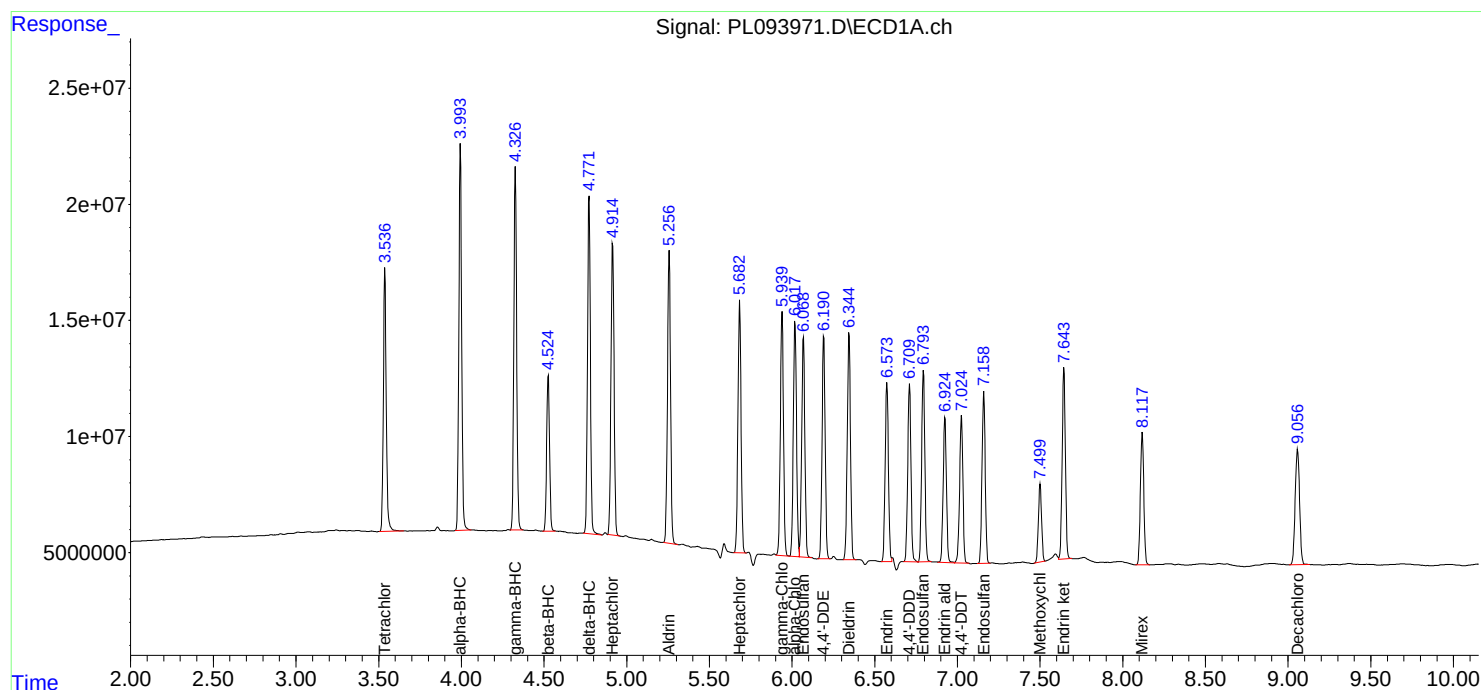
APPROVED

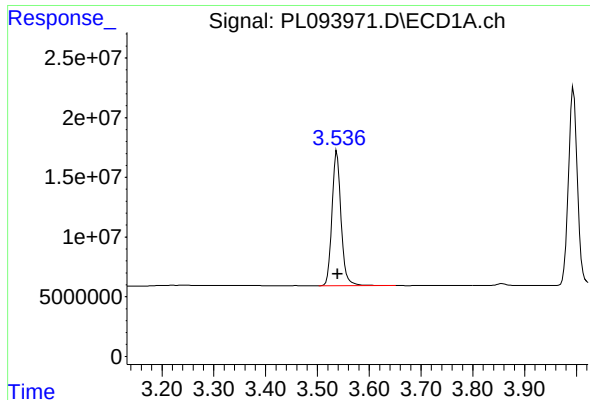
Reviewed By :Abdul Mirza 02/03/2025

Supervised By :Ankita Jodhani 02/03/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 01 01:09:45 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





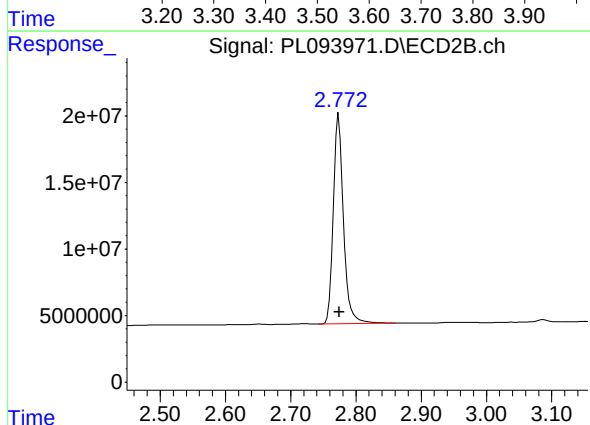
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: -0.001 min
Response: 137617679
Conc: 51.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

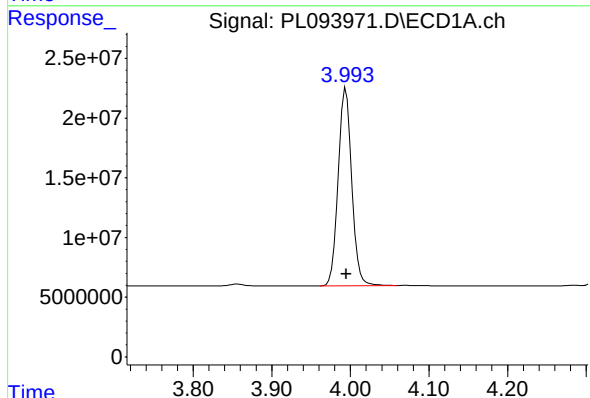
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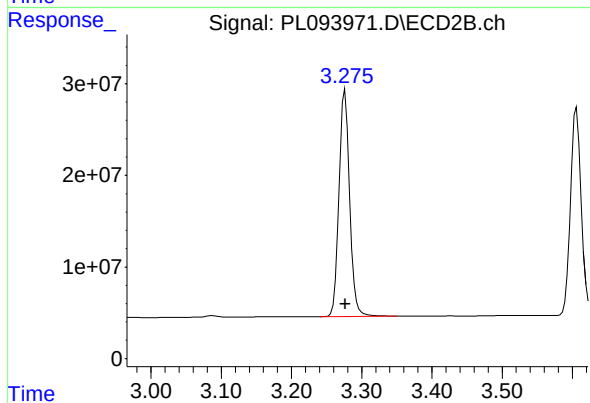
#1 Tetrachloro-m-xylene

R.T.: 2.774 min
Delta R.T.: 0.000 min
Response: 170615450
Conc: 52.27 ng/ml



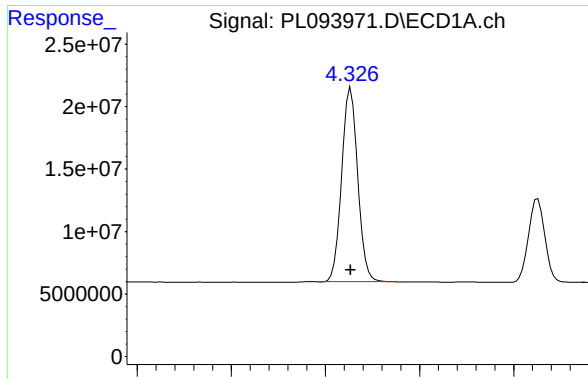
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.000 min
Response: 197929895
Conc: 51.63 ng/ml



#2 alpha-BHC

R.T.: 3.276 min
Delta R.T.: 0.000 min
Response: 259690513
Conc: 53.12 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.327 min
Delta R.T.: 0.000 min
Response: 184303795
Conc: 50.04 ng/ml

Instrument :

ECD_L

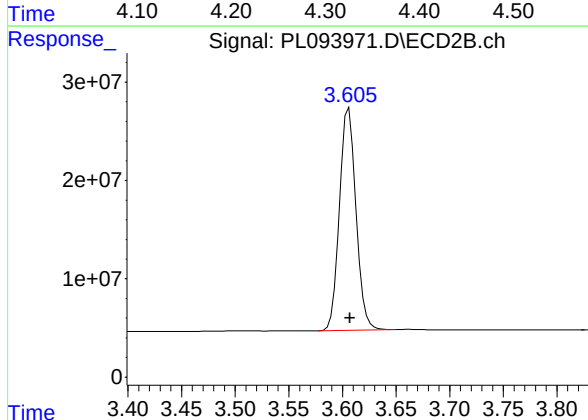
ClientSampleId :

PSTDCCC050

Manual Integrations

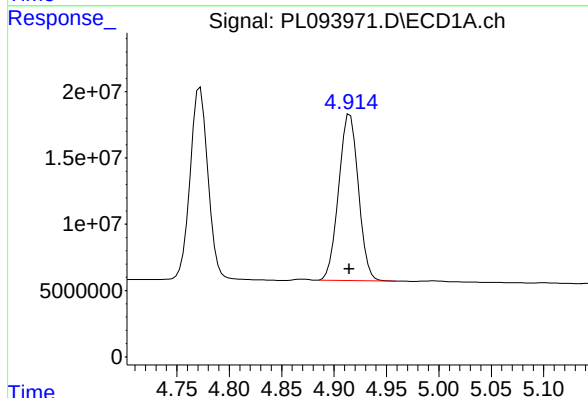
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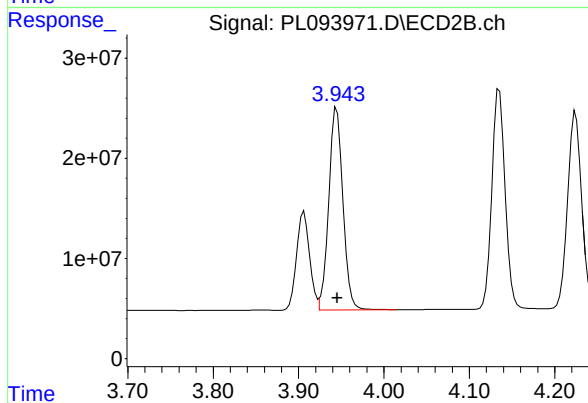
#3 gamma-BHC (Lindane)

R.T.: 3.606 min
Delta R.T.: -0.001 min
Response: 242279064
Conc: 51.10 ng/ml



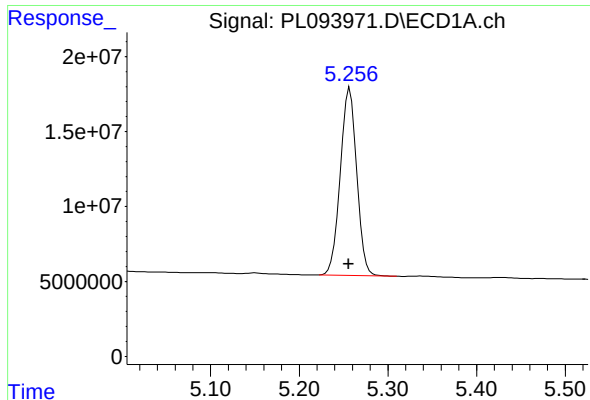
#4 Heptachlor

R.T.: 4.915 min
Delta R.T.: 0.000 min
Response: 164258733
Conc: 50.12 ng/ml



#4 Heptachlor

R.T.: 3.945 min
Delta R.T.: 0.000 min
Response: 233773504
Conc: 50.22 ng/ml



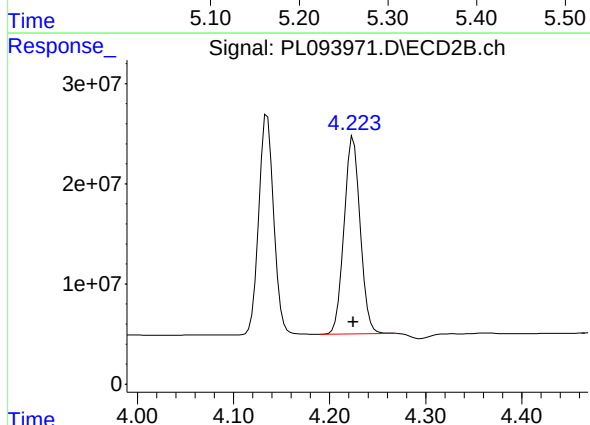
#5 Aldrin

R.T.: 5.257 min
Delta R.T.: 0.001 min
Response: 160808163
Conc: 49.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

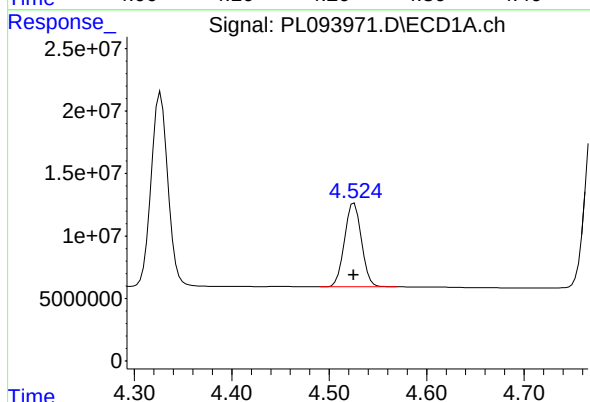
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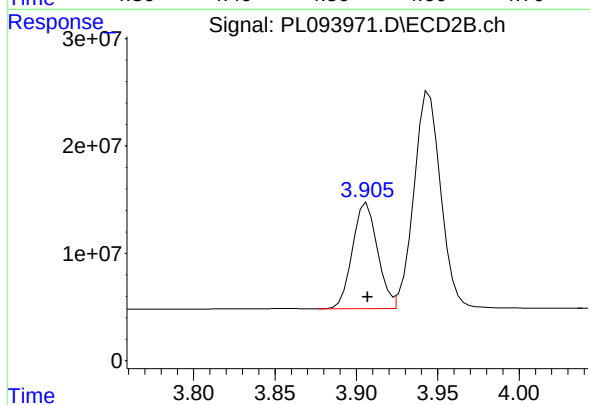
#5 Aldrin

R.T.: 4.224 min
Delta R.T.: 0.000 min
Response: 228224277
Conc: 50.03 ng/ml



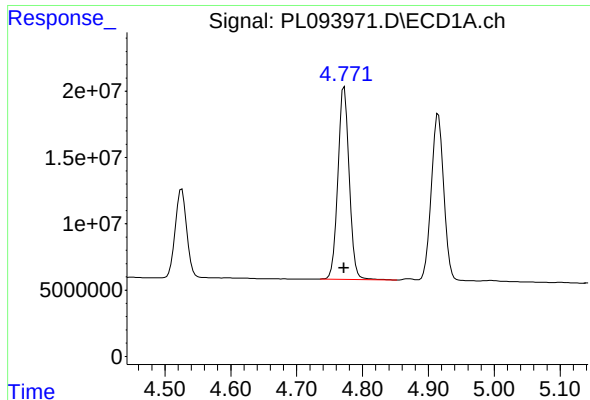
#6 beta-BHC

R.T.: 4.526 min
Delta R.T.: 0.000 min
Response: 81125313
Conc: 50.47 ng/ml



#6 beta-BHC

R.T.: 3.906 min
Delta R.T.: 0.000 min
Response: 105619555
Conc: 52.88 ng/ml



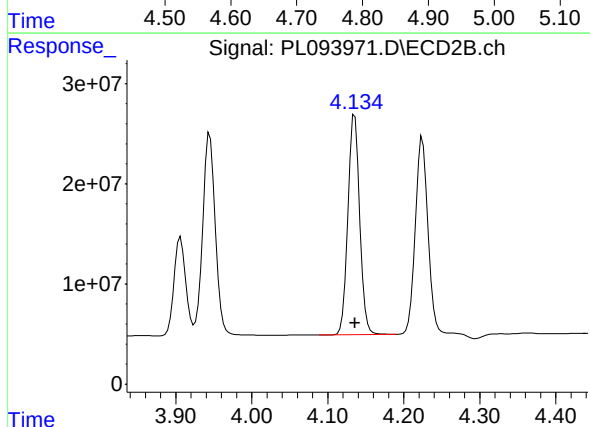
#7 delta-BHC

R.T.: 4.772 min
Delta R.T.: 0.000 min
Response: 173193791
Conc: 49.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

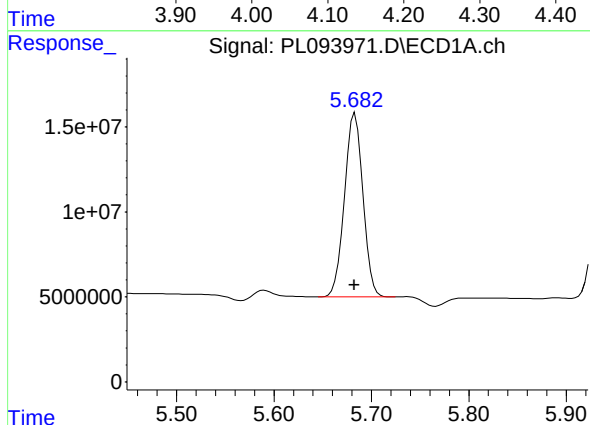
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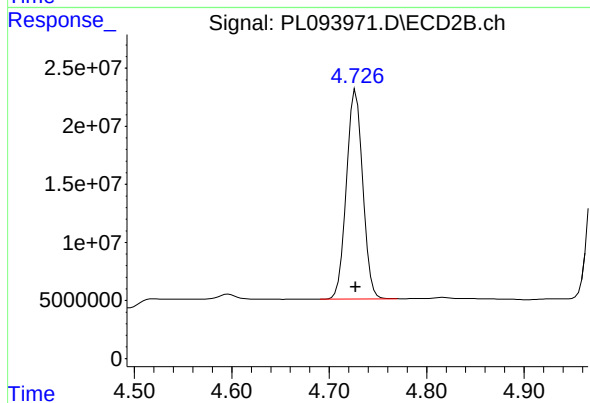
#7 delta-BHC

R.T.: 4.135 min
Delta R.T.: 0.000 min
Response: 237802685
Conc: 50.05 ng/ml



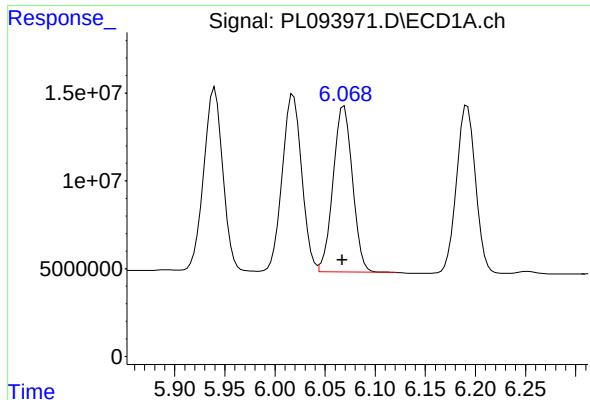
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: 0.000 min
Response: 142110295
Conc: 47.79 ng/ml



#8 Heptachlor epoxide

R.T.: 4.727 min
Delta R.T.: 0.000 min
Response: 209288866
Conc: 50.07 ng/ml



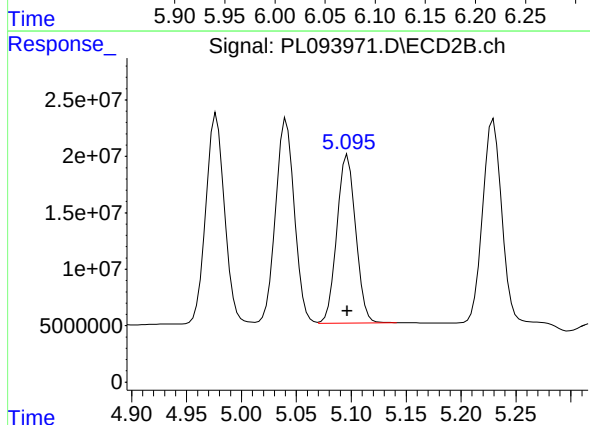
#9 Endosulfan I

R.T.: 6.069 min
Delta R.T.: 0.002 min
Response: 127025462
Conc: 48.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

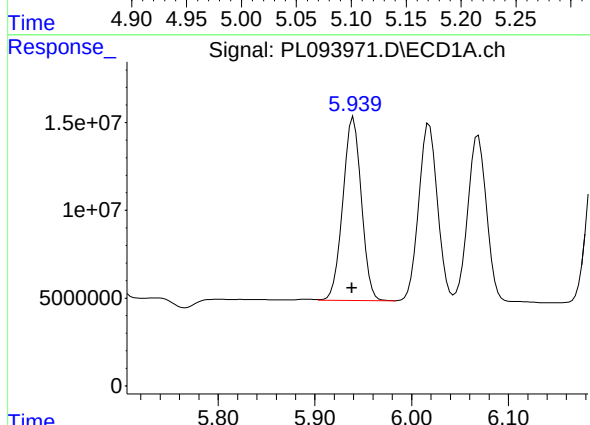
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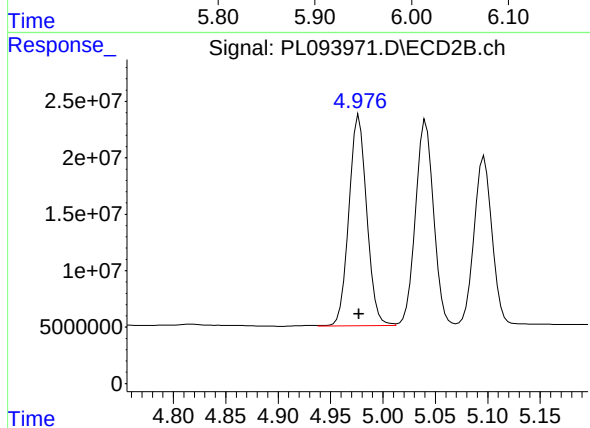
#9 Endosulfan I

R.T.: 5.097 min
Delta R.T.: 0.000 min
Response: 177320788
Conc: 45.74 ng/ml



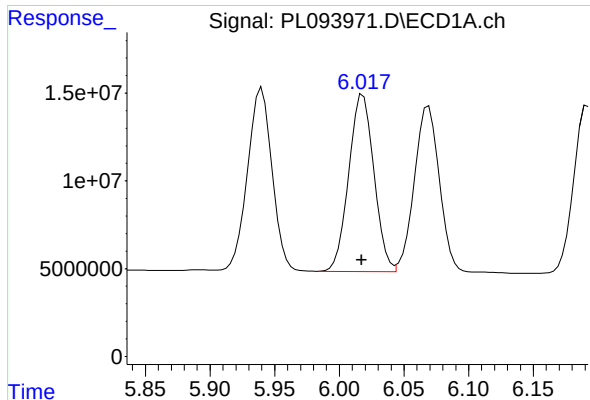
#10 gamma-Chlordane

R.T.: 5.940 min
Delta R.T.: 0.002 min
Response: 138116385
Conc: 49.55 ng/ml



#10 gamma-Chlordane

R.T.: 4.977 min
Delta R.T.: 0.000 min
Response: 222332589
Conc: 52.47 ng/ml



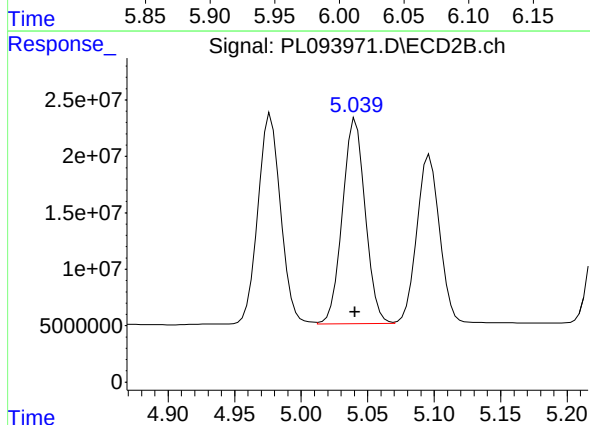
#11 alpha-Chlordane

R.T.: 6.018 min
Delta R.T.: 0.001 min
Response: 136776971
Conc: 49.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

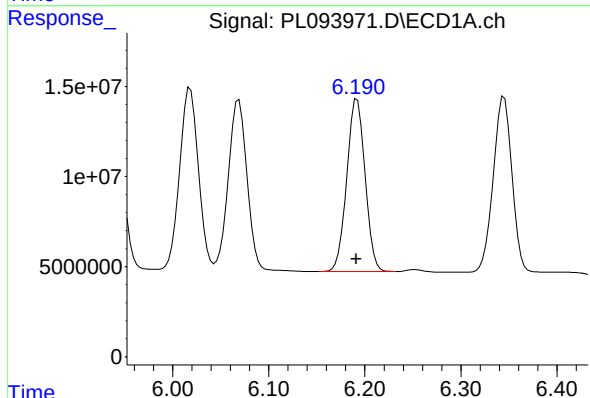
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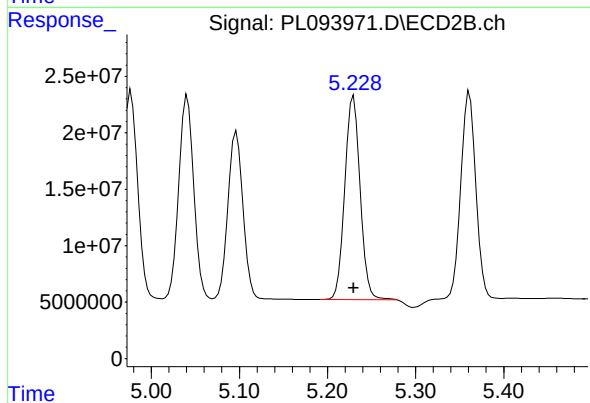
#11 alpha-Chlordane

R.T.: 5.041 min
Delta R.T.: 0.000 min
Response: 216520758
Conc: 51.72 ng/ml



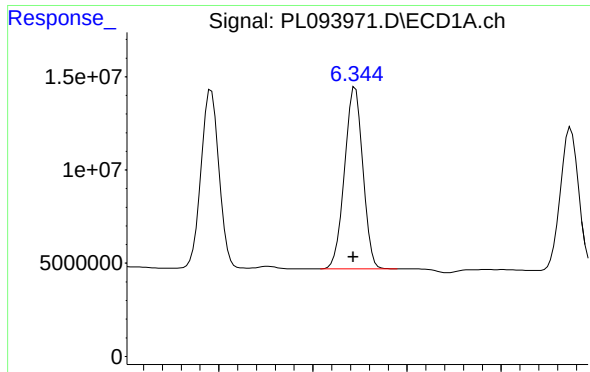
#12 4,4'-DDE

R.T.: 6.192 min
Delta R.T.: 0.000 min
Response: 126294058
Conc: 51.87 ng/ml



#12 4,4'-DDE

R.T.: 5.230 min
Delta R.T.: 0.000 min
Response: 218947610
Conc: 54.61 ng/ml



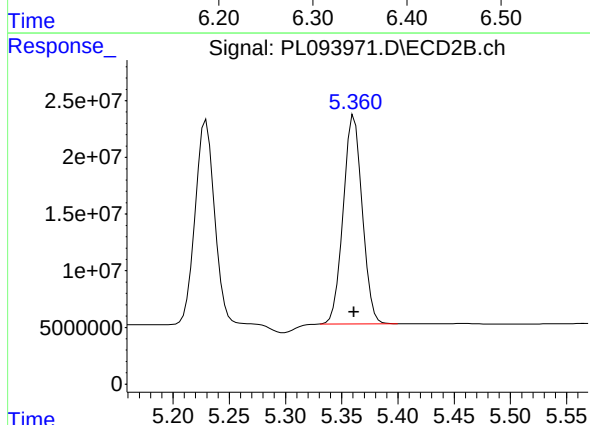
#13 Dieldrin

R.T.: 6.345 min
Delta R.T.: 0.002 min
Response: 131914872
Conc: 47.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

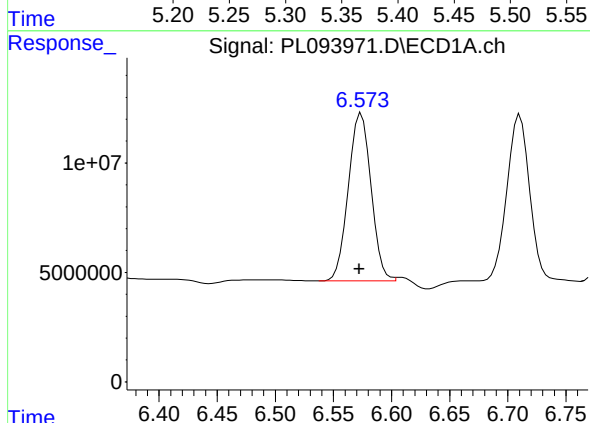
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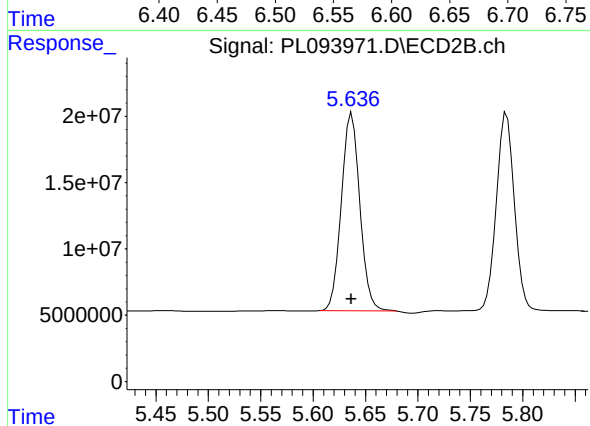
#13 Dieldrin

R.T.: 5.361 min
Delta R.T.: 0.000 min
Response: 216891243
Conc: 50.49 ng/ml



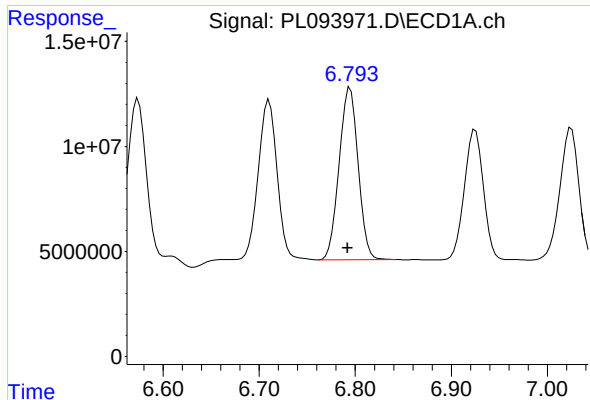
#14 Endrin

R.T.: 6.573 min
Delta R.T.: 0.000 min
Response: 104266266
Conc: 44.47 ng/ml m



#14 Endrin

R.T.: 5.637 min
Delta R.T.: 0.000 min
Response: 183753883
Conc: 49.76 ng/ml



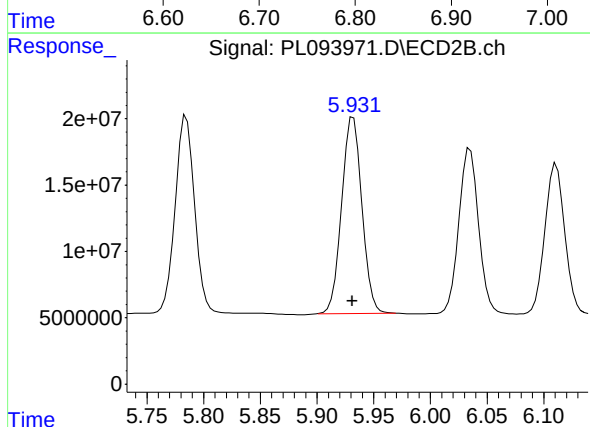
#15 Endosulfan II

R.T.: 6.795 min
Delta R.T.: 0.003 min
Response: 111631719
Conc: 46.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

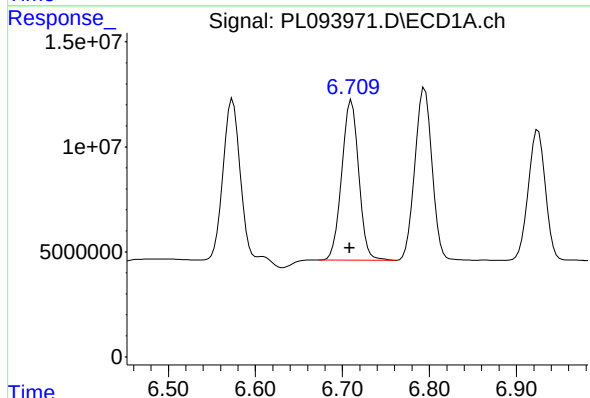
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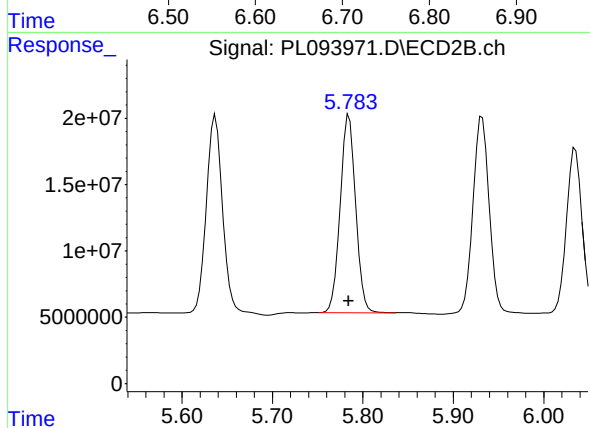
#15 Endosulfan II

R.T.: 5.932 min
Delta R.T.: 0.000 min
Response: 183774349
Conc: 49.62 ng/ml



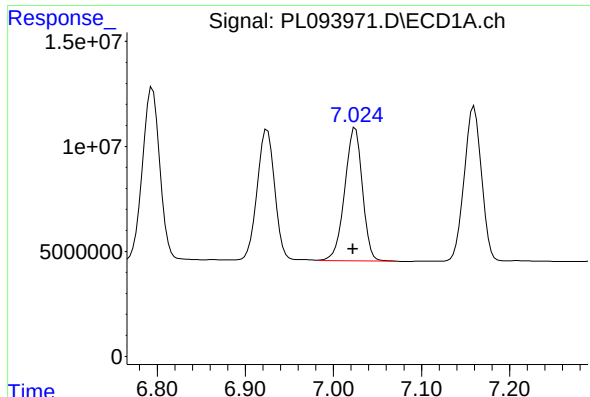
#16 4,4'-DDD

R.T.: 6.711 min
Delta R.T.: 0.002 min
Response: 104011017
Conc: 54.73 ng/ml



#16 4,4'-DDD

R.T.: 5.785 min
Delta R.T.: 0.000 min
Response: 177390621
Conc: 56.20 ng/ml



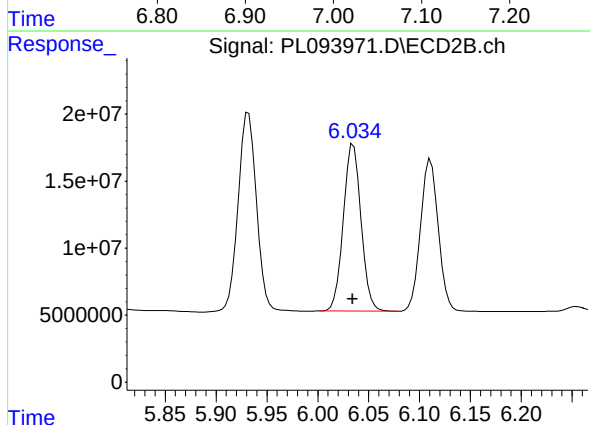
#17 4,4'-DDT

R.T.: 7.025 min
Delta R.T.: 0.003 min
Response: 88412487
Conc: 44.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

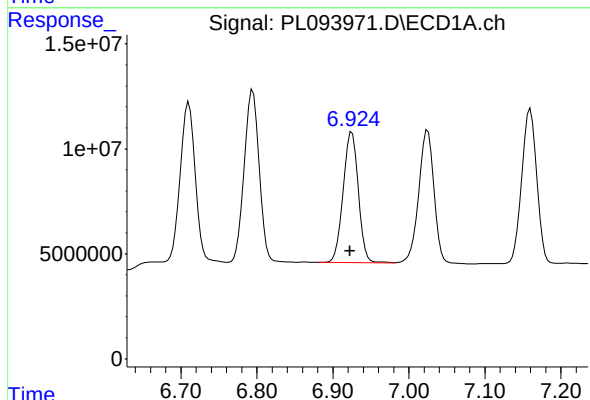
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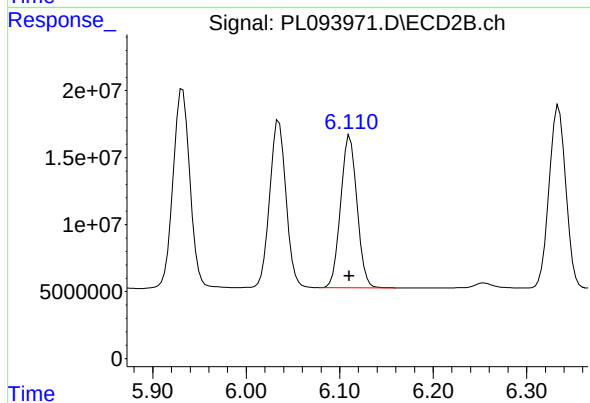
#17 4,4'-DDT

R.T.: 6.035 min
Delta R.T.: 0.000 min
Response: 151169658
Conc: 46.46 ng/ml



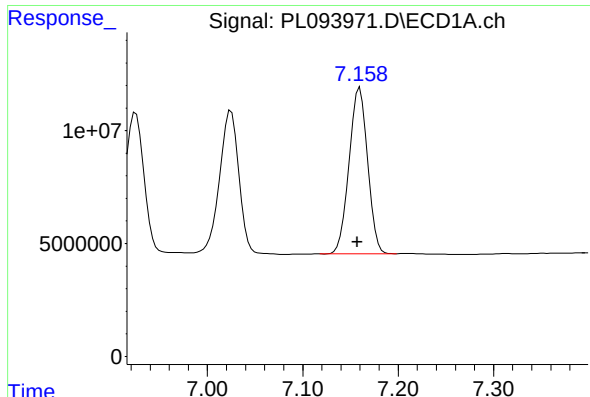
#18 Endrin aldehyde

R.T.: 6.925 min
Delta R.T.: 0.002 min
Response: 86568776
Conc: 44.53 ng/ml



#18 Endrin aldehyde

R.T.: 6.111 min
Delta R.T.: 0.000 min
Response: 138148088
Conc: 45.37 ng/ml



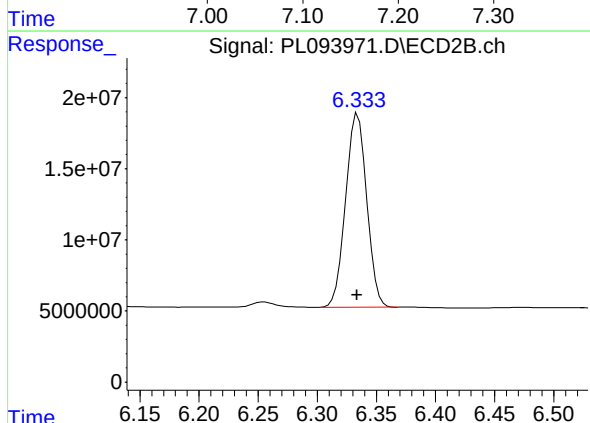
#19 Endosulfan Sulfate

R.T.: 7.160 min
Delta R.T.: 0.003 min
Response: 100219540
Conc: 44.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

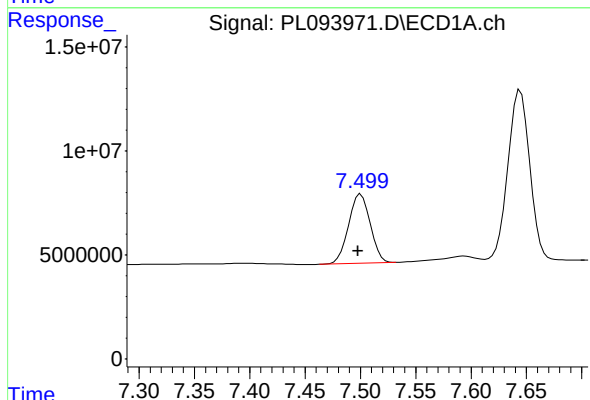
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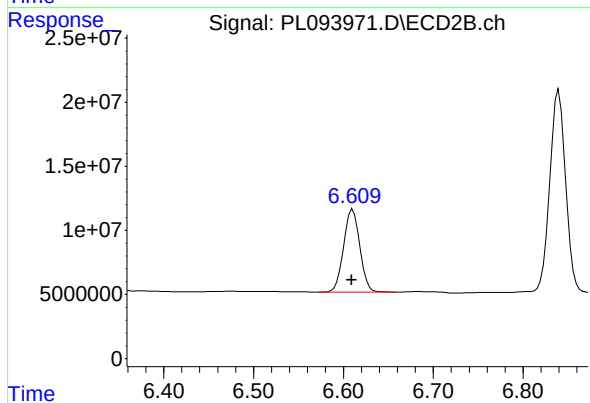
#19 Endosulfan Sulfate

R.T.: 6.334 min
Delta R.T.: 0.000 min
Response: 169037546
Conc: 47.40 ng/ml



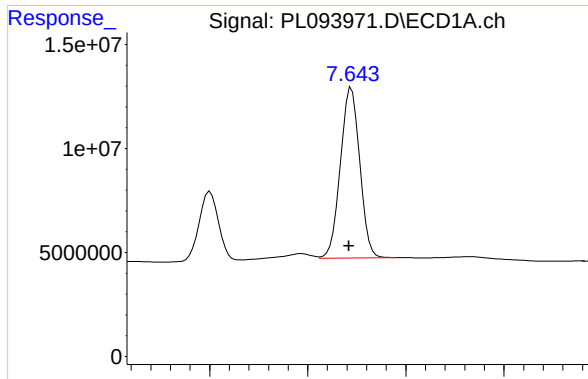
#20 Methoxychlor

R.T.: 7.500 min
Delta R.T.: 0.003 min
Response: 45529670
Conc: 43.64 ng/ml



#20 Methoxychlor

R.T.: 6.611 min
Delta R.T.: 0.001 min
Response: 80874445
Conc: 45.23 ng/ml



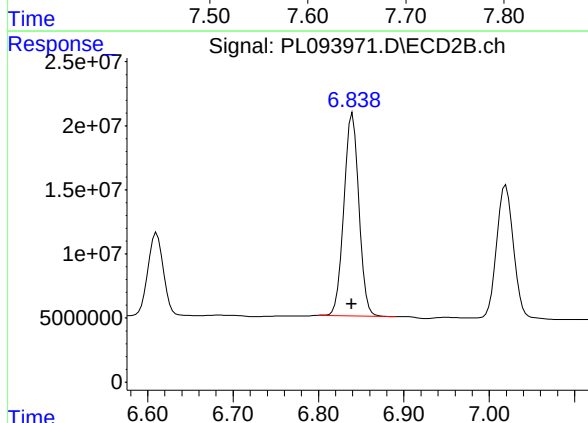
#21 Endrin ketone

R.T.: 7.645 min
Delta R.T.: 0.003 min
Response: 112662187
Conc: 44.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

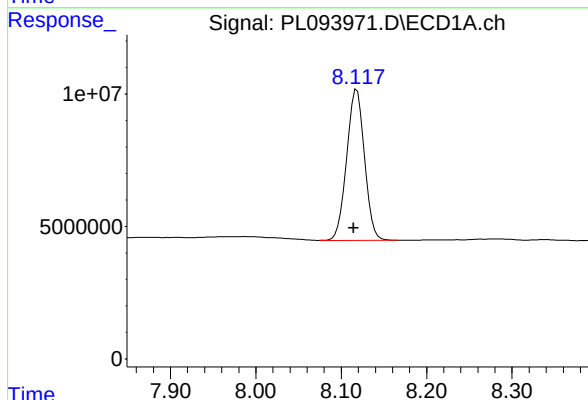
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Reviewed By :Abdul Mirza 02/03/2025
Supervised By :Ankita Jodhani 02/03/2025



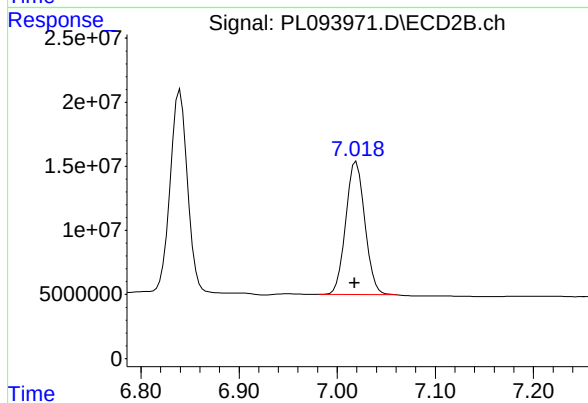
#21 Endrin ketone

R.T.: 6.840 min
Delta R.T.: 0.000 min
Response: 192435988
Conc: 45.87 ng/ml



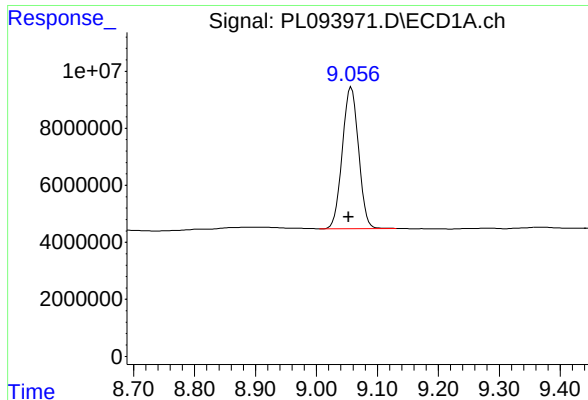
#22 Mirex

R.T.: 8.118 min
Delta R.T.: 0.004 min
Response: 82894240
Conc: 39.81 ng/ml



#22 Mirex

R.T.: 7.020 min
Delta R.T.: 0.002 min
Response: 140640985
Conc: 41.59 ng/ml



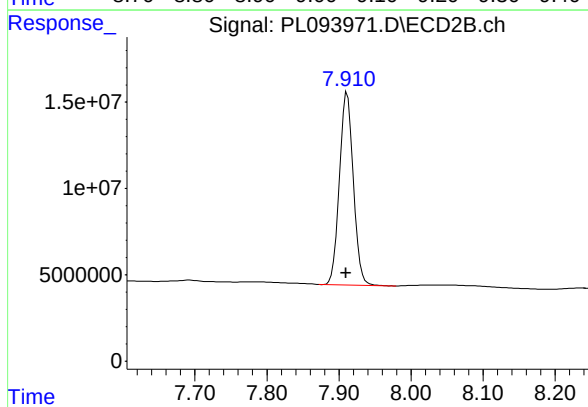
#28 Decachlorobiphenyl

R.T.: 9.057 min
Delta R.T.: 0.004 min
Response: 92166830
Conc: 44.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/03/2025
Supervised By :Ankita Jodhani 02/03/2025



#28 Decachlorobiphenyl

R.T.: 7.911 min
Delta R.T.: 0.001 min
Response: 148352395
Conc: 42.34 ng/ml