

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121724\
 Data File : PL093399.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Dec 2024 12:27
 Operator : AR\AJ
 Sample : PB165684BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB165684BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/18/2024
 Supervised By : Ankita Jodhani 12/18/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 17 23:44:53 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112524.M
 Quant Title : GC Extractables
 QLast Update : Mon Nov 25 15:18:43 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	3.538	2.775	49769914	52067658	19.150	18.054
28) SA Decachlor...	9.053	7.912	40532314	63305872	23.314	22.162
Target Compounds						
2) A alpha-BHC	3.995	3.278	171.1E6	211.4E6	47.937	49.513
3) MA gamma-BHC...	4.327	3.608	159.6E6	202.0E6	47.232	48.783
4) MA Heptachlor	4.915	3.946	150.1E6	210.5E6	49.098	52.021
5) MB Aldrin	5.257	4.226	141.0E6	195.1E6	46.901	49.038
6) B beta-BHC	4.525	3.908	71471953	88012505	47.341	49.477
7) B delta-BHC	4.773	4.136	145.4E6	197.7E6	43.943	46.335
8) B Heptachlo...	5.683	4.727	128.4E6	190.5E6	46.232	52.303m
9) A Endosulfan I	6.069	5.098	120.6E6	176.3E6	49.535	52.740
10) B gamma-Chl...	5.939	4.977	129.1E6	193.8E6	50.109	52.315m
11) B alpha-Chl...	6.018	5.042	130.1E6	191.9E6	50.215	52.862
12) B 4,4'-DDE	6.192	5.231	116.4E6	186.4E6	49.743	52.058
13) MA Dieldrin	6.344	5.362	127.3E6	193.8E6	49.680	52.590
14) MA Endrin	6.572	5.637	110.1E6	170.0E6	52.504m	53.295m
15) B Endosulfa...	6.793	5.931	112.3E6	172.3E6	51.521	54.380m
16) A 4,4'-DDD	6.709	5.785	91636260	144.8E6	50.012	51.659
17) MA 4,4'-DDT	7.023	6.036	102.7E6	162.3E6	53.285	54.787
18) B Endrin al...	6.923	6.112	87141604	133.2E6	48.235	50.806
19) B Endosulfa...	7.158	6.335	103.7E6	160.1E6	50.012	52.679
20) A Methoxychlor	7.499	6.611	54481195	82647805	52.141	54.126
21) B Endrin ke...	7.642	6.840	116.0E6	182.6E6	51.099	54.382
22) Mirex	8.115	7.020	88755892	136.0E6	49.138	50.616

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL121724\
Data File : PL093399.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Dec 2024 12:27
Operator : AR\AJ
Sample : PB165684BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

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Manual Integrations

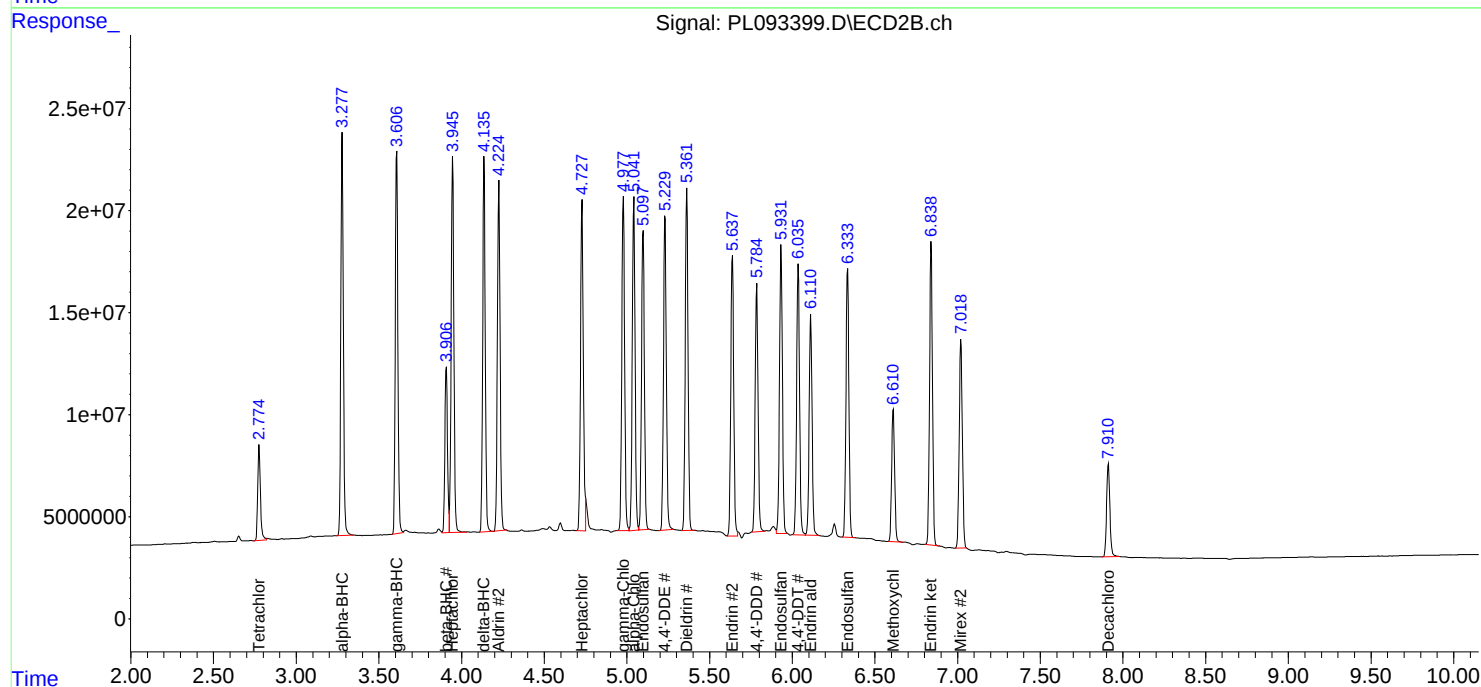
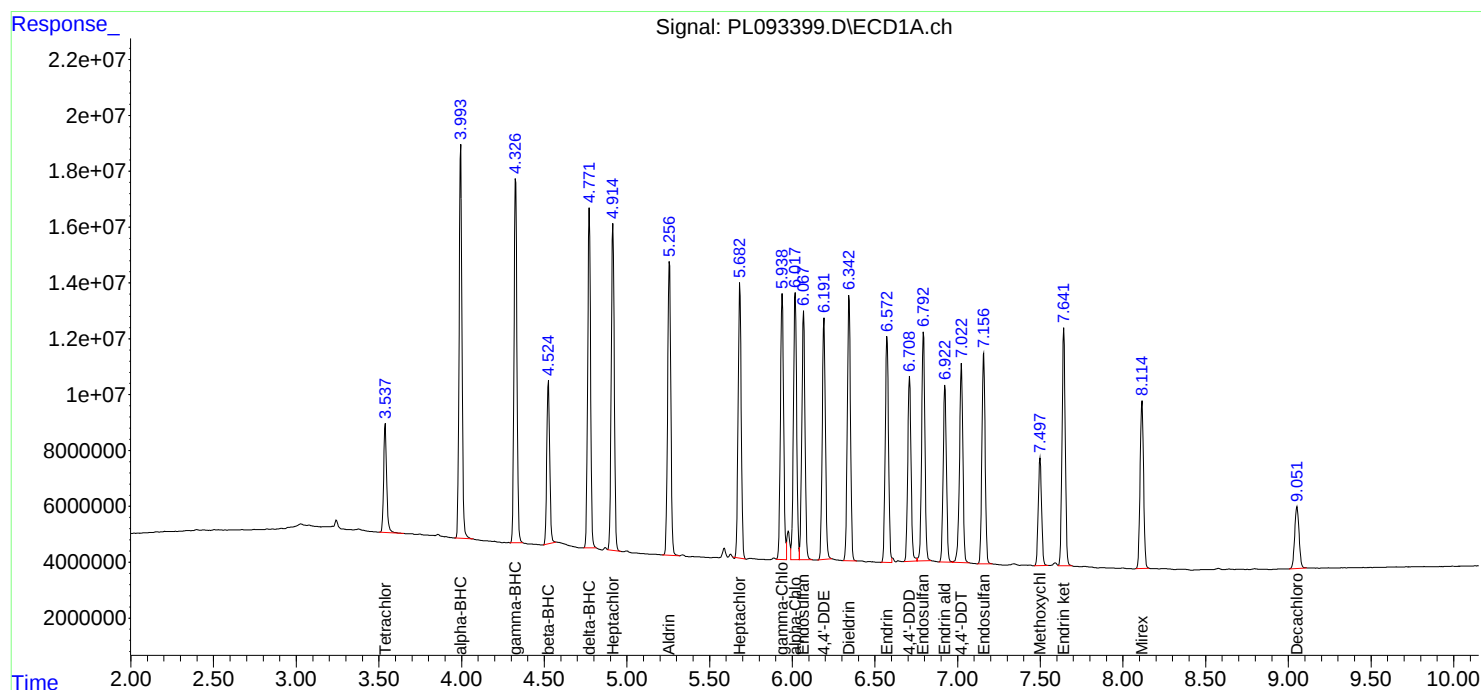
APPROVED

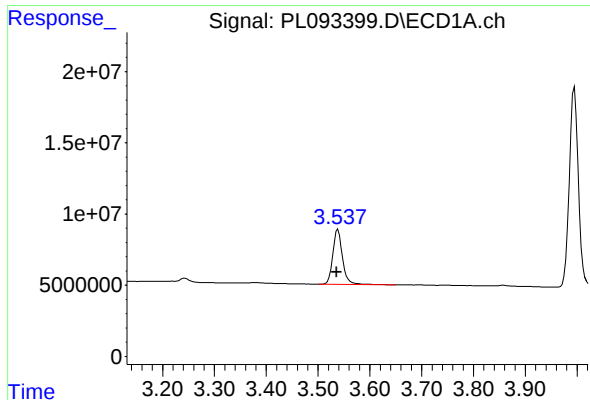
Reviewed By :Abdul Mirza 12/18/2024

Supervised By :Ankita Jodhani 12/18/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 17 23:44:53 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112524.M
Quant Title : GC Extractables
QLast Update : Mon Nov 25 15:18:43 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





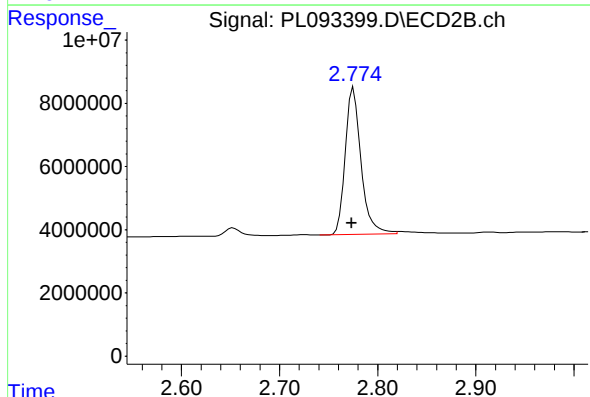
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: 0.002 min
Response: 49769914
Conc: 19.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165684BS

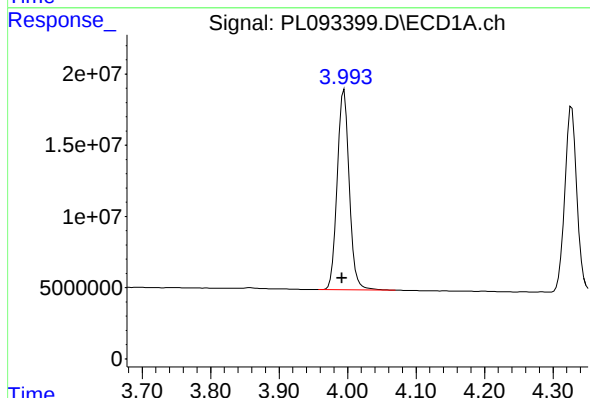
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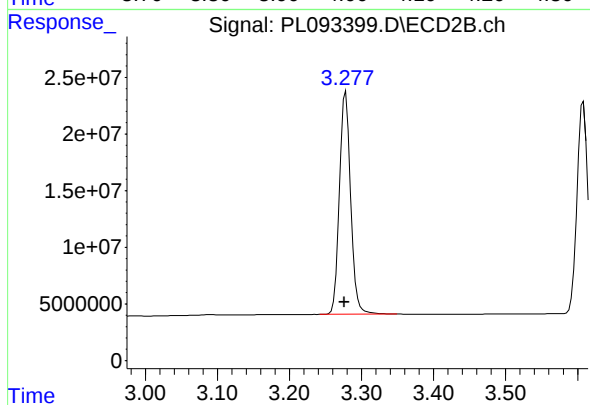
#1 Tetrachloro-m-xylene

R.T.: 2.775 min
Delta R.T.: 0.002 min
Response: 52067658
Conc: 18.05 ng/ml



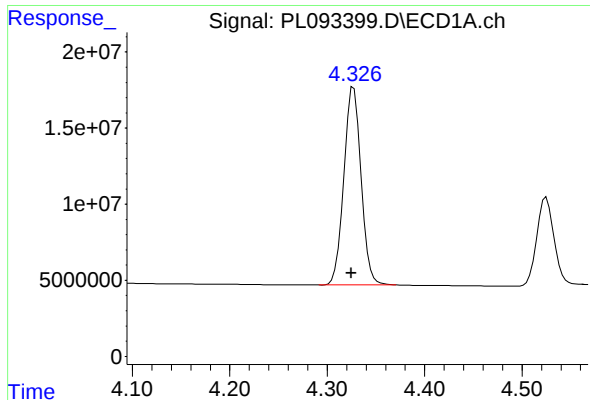
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: 0.003 min
Response: 171058287
Conc: 47.94 ng/ml



#2 alpha-BHC

R.T.: 3.278 min
Delta R.T.: 0.002 min
Response: 211389858
Conc: 49.51 ng/ml



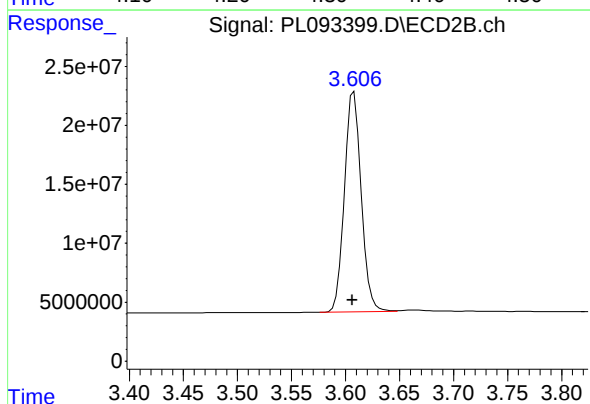
#3 gamma-BHC (Lindane)

R.T.: 4.327 min
Delta R.T.: 0.002 min
Response: 159580469
Conc: 47.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165684BS

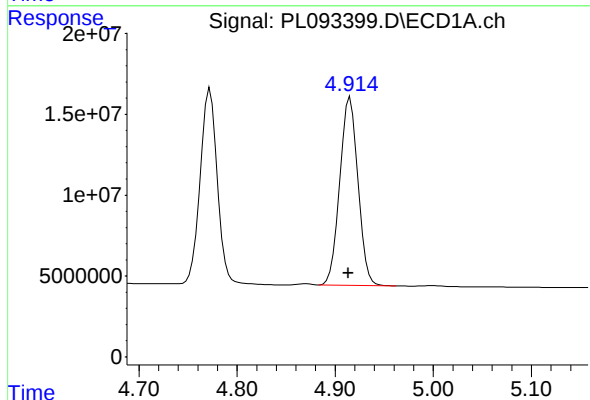
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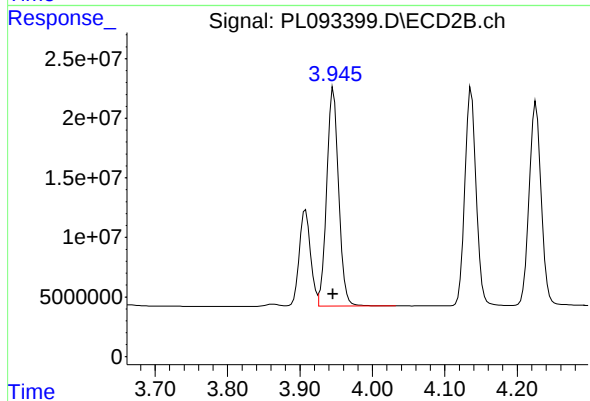
#3 gamma-BHC (Lindane)

R.T.: 3.608 min
Delta R.T.: 0.001 min
Response: 201950249
Conc: 48.78 ng/ml



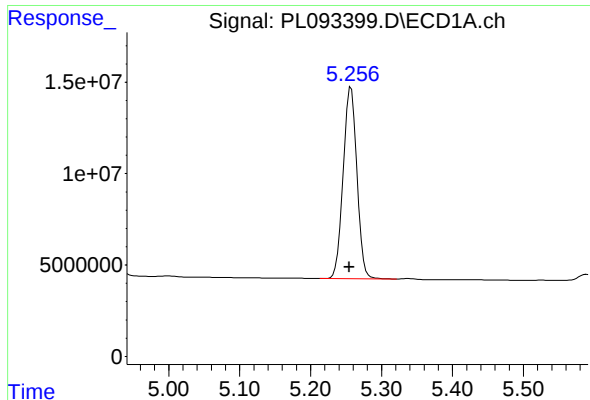
#4 Heptachlor

R.T.: 4.915 min
Delta R.T.: 0.002 min
Response: 150050188
Conc: 49.10 ng/ml



#4 Heptachlor

R.T.: 3.946 min
Delta R.T.: 0.001 min
Response: 210452564
Conc: 52.02 ng/ml



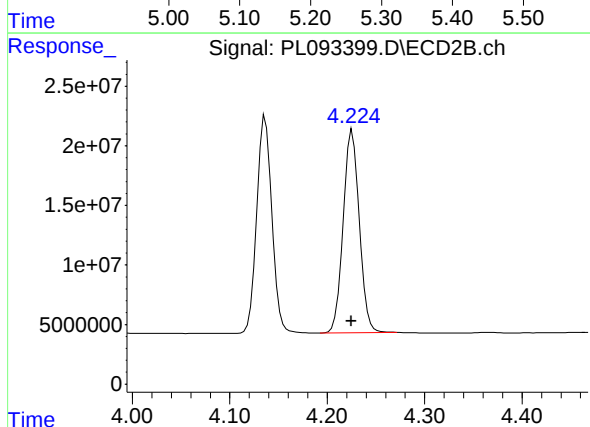
#5 Aldrin

R.T.: 5.257 min
Delta R.T.: 0.002 min
Response: 141037974
Conc: 46.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165684BS

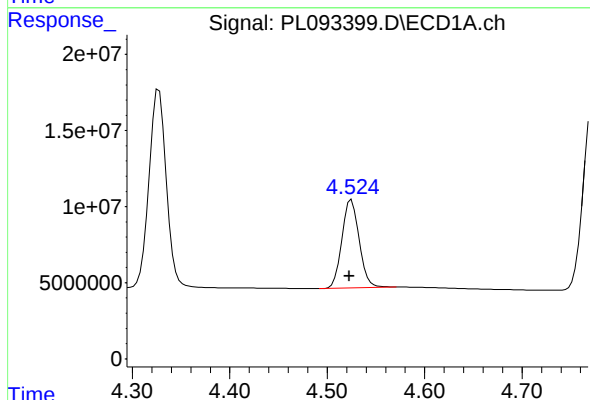
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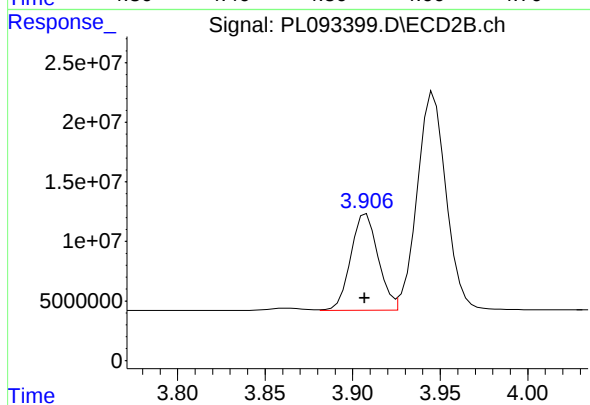
#5 Aldrin

R.T.: 4.226 min
Delta R.T.: 0.000 min
Response: 195114782
Conc: 49.04 ng/ml



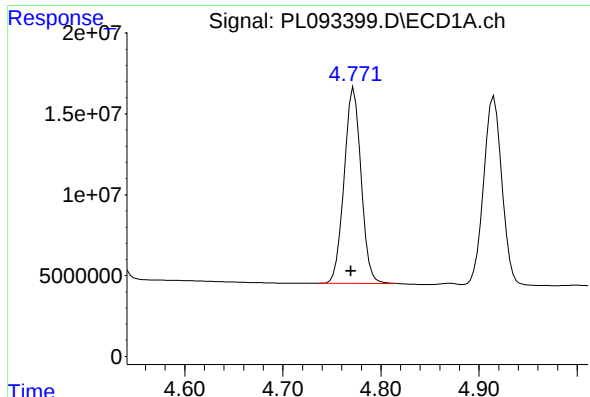
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: 0.002 min
Response: 71471953
Conc: 47.34 ng/ml



#6 beta-BHC

R.T.: 3.908 min
Delta R.T.: 0.001 min
Response: 88012505
Conc: 49.48 ng/ml



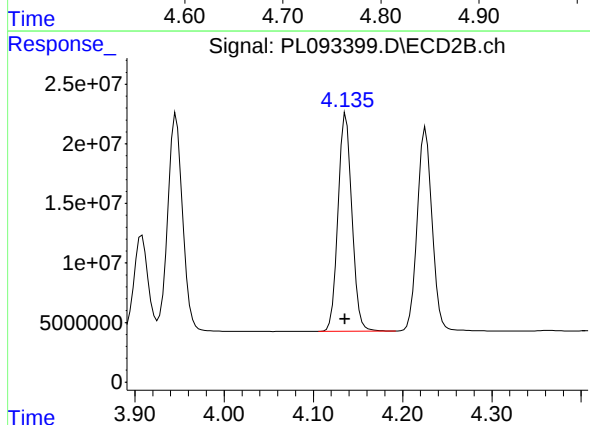
#7 delta-BHC

R.T.: 4.773 min
Delta R.T.: 0.003 min
Response: 145390067
Conc: 43.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165684BS

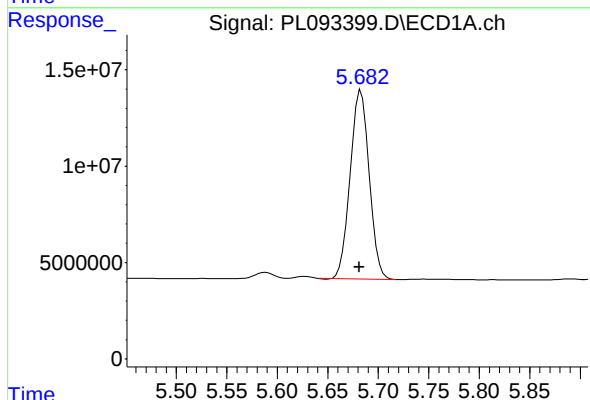
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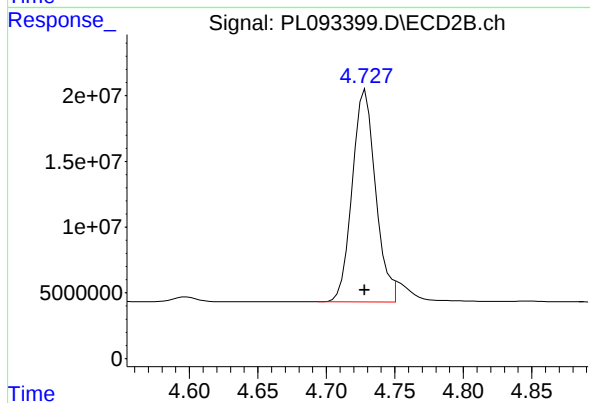
#7 delta-BHC

R.T.: 4.136 min
Delta R.T.: 0.000 min
Response: 197686811
Conc: 46.33 ng/ml



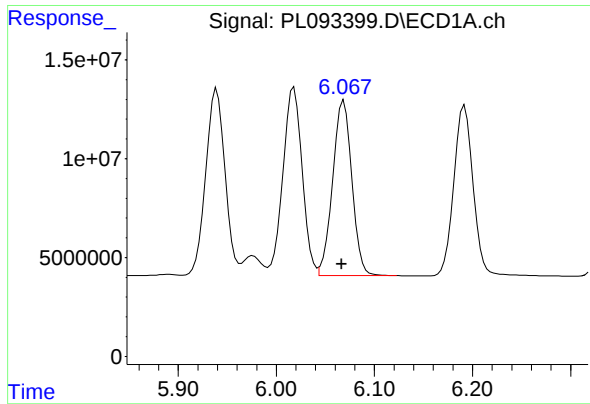
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: 0.002 min
Response: 128371040
Conc: 46.23 ng/ml



#8 Heptachlor epoxide

R.T.: 4.727 min
Delta R.T.: 0.000 min
Response: 190498615
Conc: 52.30 ng/ml m



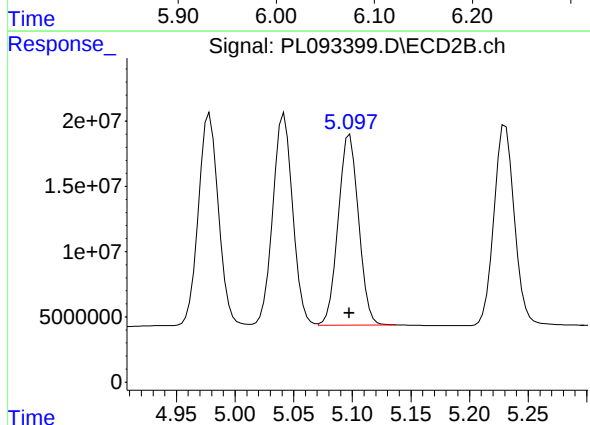
#9 Endosulfan I

R.T.: 6.069 min
Delta R.T.: 0.002 min
Response: 120578669
Conc: 49.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165684BS

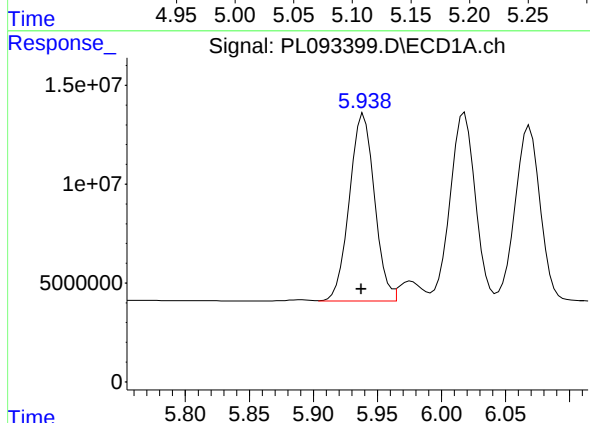
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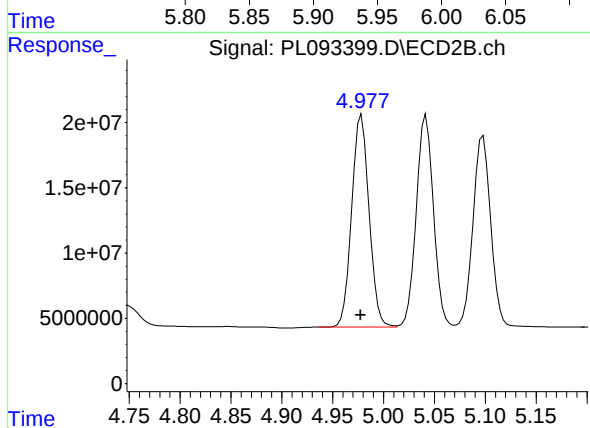
#9 Endosulfan I

R.T.: 5.098 min
Delta R.T.: 0.000 min
Response: 176309450
Conc: 52.74 ng/ml



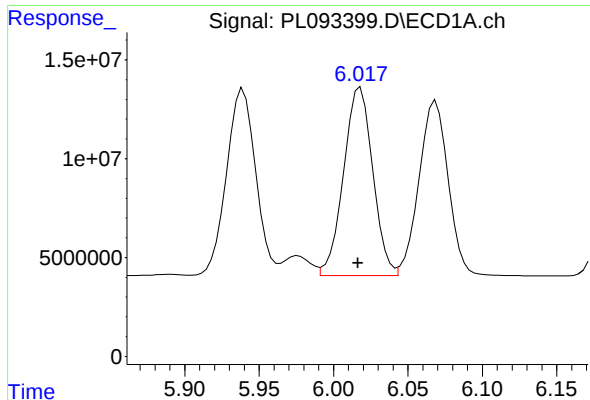
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: 0.002 min
Response: 129098275
Conc: 50.11 ng/ml



#10 gamma-Chlordane

R.T.: 4.977 min
Delta R.T.: 0.000 min
Response: 193831238
Conc: 52.31 ng/ml m



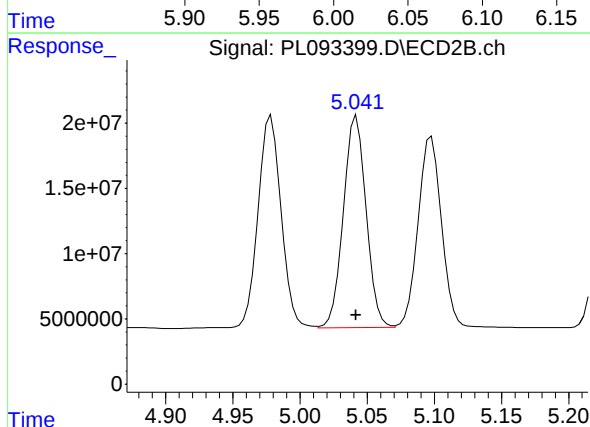
#11 alpha-Chlordane

R.T.: 6.018 min
Delta R.T.: 0.002 min
Response: 130110020
Conc: 50.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165684BS

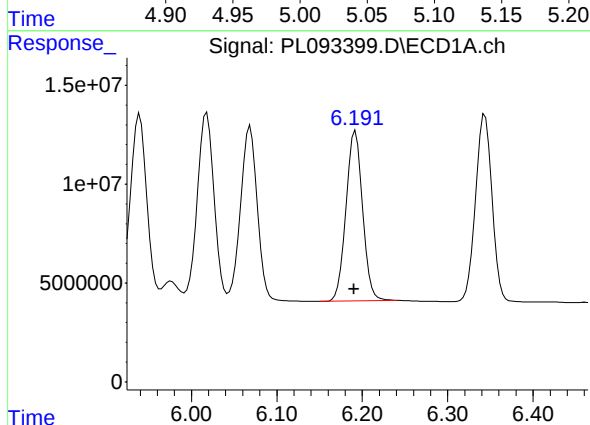
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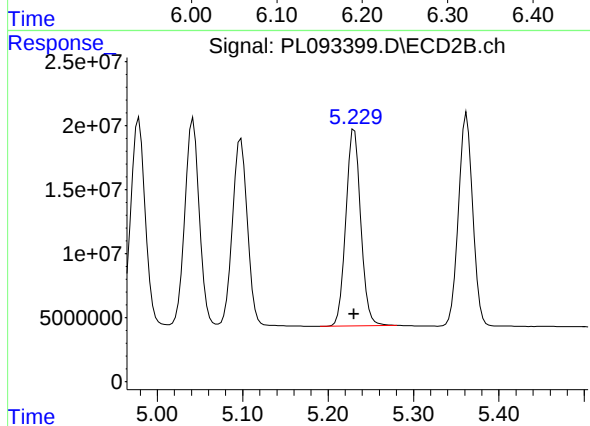
#11 alpha-Chlordane

R.T.: 5.042 min
Delta R.T.: 0.000 min
Response: 191903369
Conc: 52.86 ng/ml



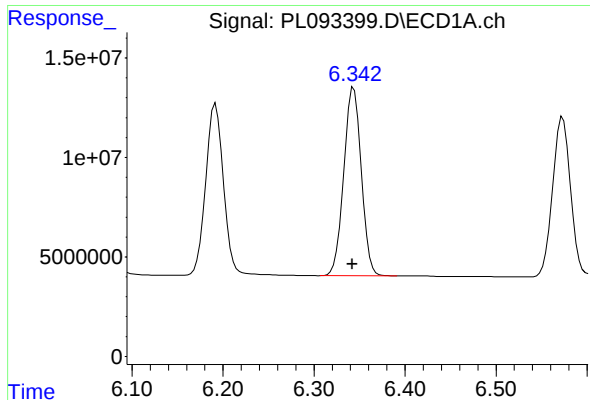
#12 4,4'-DDE

R.T.: 6.192 min
Delta R.T.: 0.002 min
Response: 116364844
Conc: 49.74 ng/ml



#12 4,4'-DDE

R.T.: 5.231 min
Delta R.T.: 0.000 min
Response: 186367974
Conc: 52.06 ng/ml



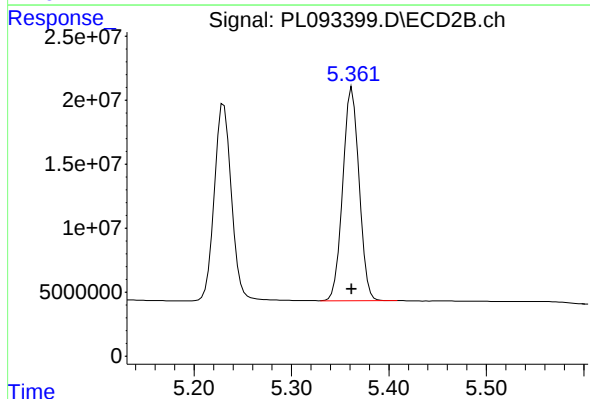
#13 Dieldrin

R.T.: 6.344 min
Delta R.T.: 0.002 min
Response: 127337431
Conc: 49.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165684BS

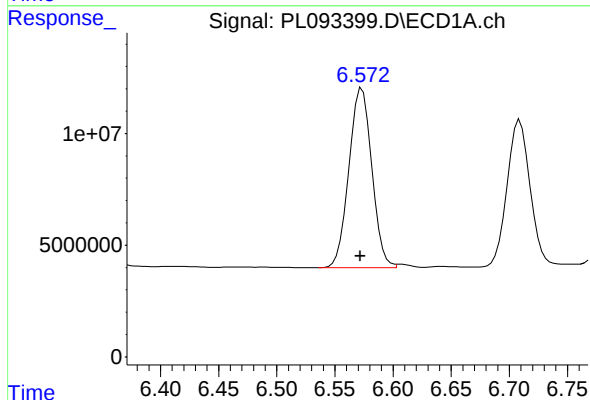
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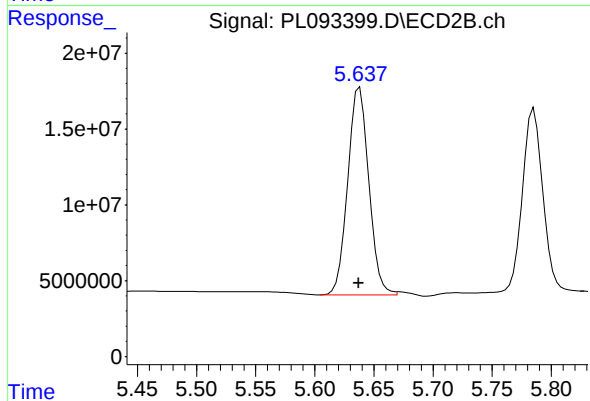
#13 Dieldrin

R.T.: 5.362 min
Delta R.T.: 0.000 min
Response: 193820494
Conc: 52.59 ng/ml



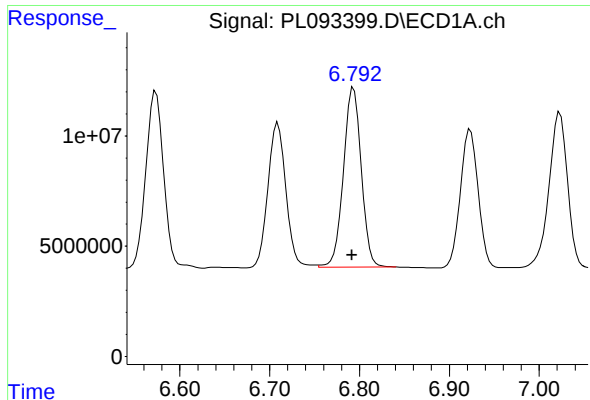
#14 Endrin

R.T.: 6.572 min
Delta R.T.: 0.000 min
Response: 110125844
Conc: 52.50 ng/ml m



#14 Endrin

R.T.: 5.637 min
Delta R.T.: 0.000 min
Response: 169972506
Conc: 53.30 ng/ml m



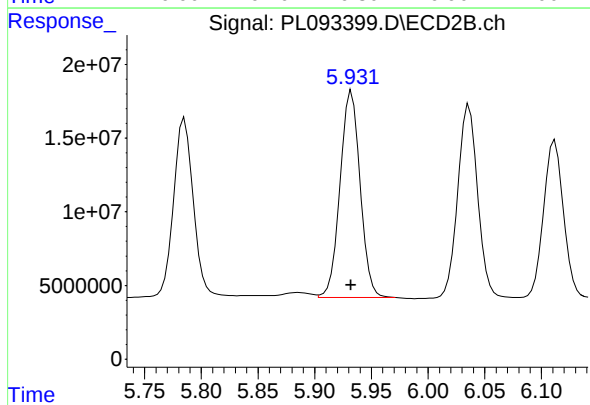
#15 Endosulfan II

R.T.: 6.793 min
Delta R.T.: 0.002 min
Response: 112341057
Conc: 51.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165684BS

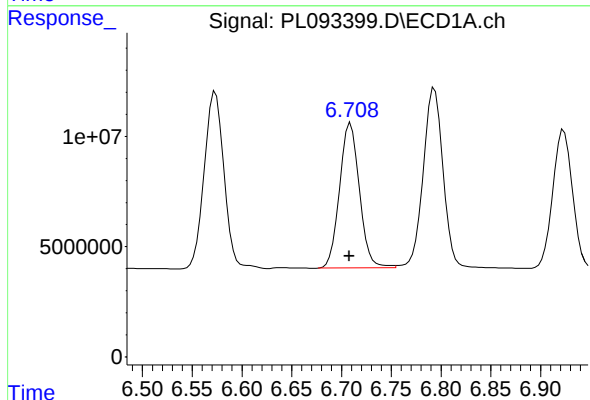
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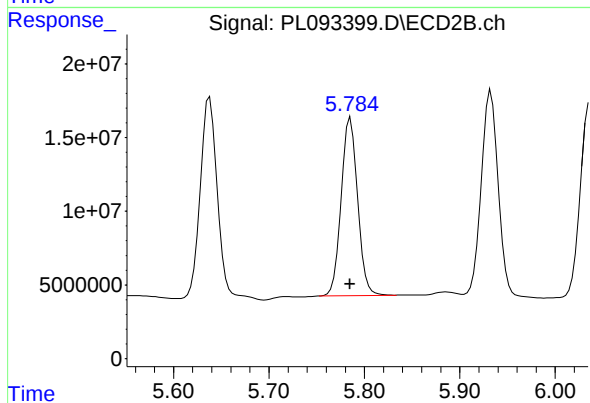
#15 Endosulfan II

R.T.: 5.931 min
Delta R.T.: 0.000 min
Response: 172330223
Conc: 54.38 ng/ml m



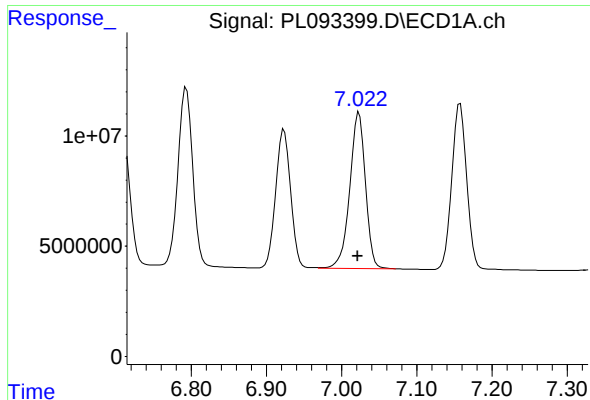
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: 0.001 min
Response: 91636260
Conc: 50.01 ng/ml



#16 4,4'-DDD

R.T.: 5.785 min
Delta R.T.: 0.000 min
Response: 144822523
Conc: 51.66 ng/ml



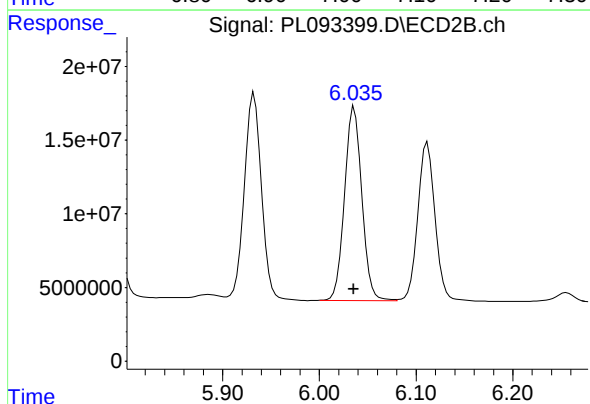
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: 0.002 min
Response: 102723687
Conc: 53.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165684BS

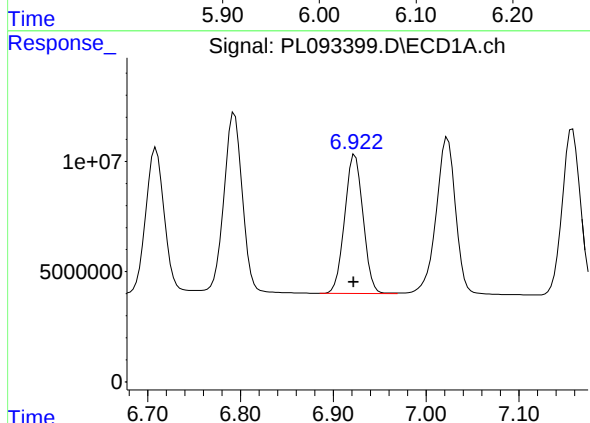
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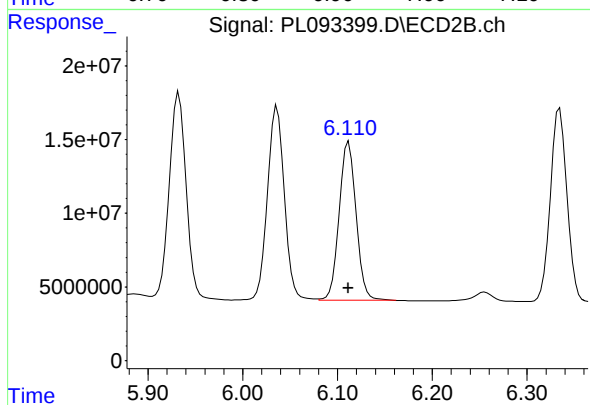
#17 4,4'-DDT

R.T.: 6.036 min
Delta R.T.: 0.000 min
Response: 162267314
Conc: 54.79 ng/ml



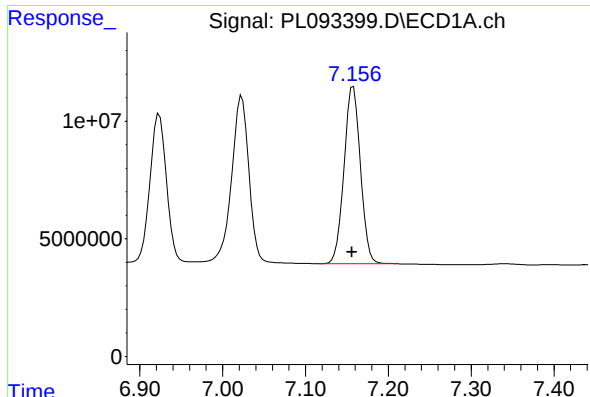
#18 Endrin aldehyde

R.T.: 6.923 min
Delta R.T.: 0.002 min
Response: 87141604
Conc: 48.23 ng/ml



#18 Endrin aldehyde

R.T.: 6.112 min
Delta R.T.: 0.000 min
Response: 133229164
Conc: 50.81 ng/ml



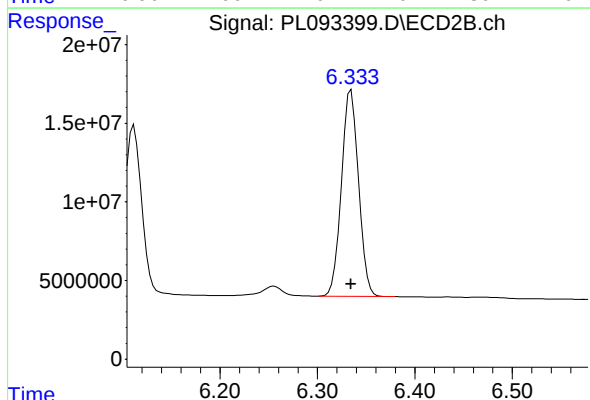
#19 Endosulfan Sulfate

R.T.: 7.158 min
Delta R.T.: 0.002 min
Response: 103659230
Conc: 50.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165684BS

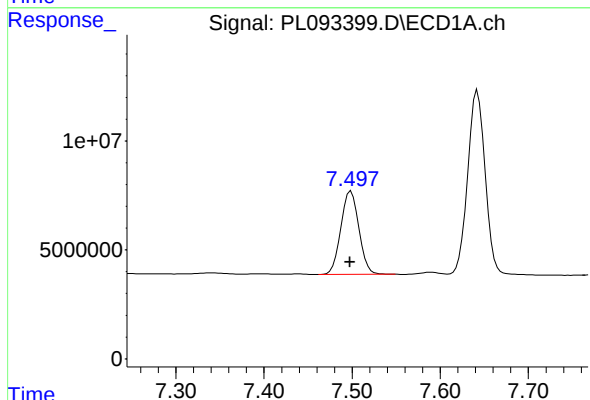
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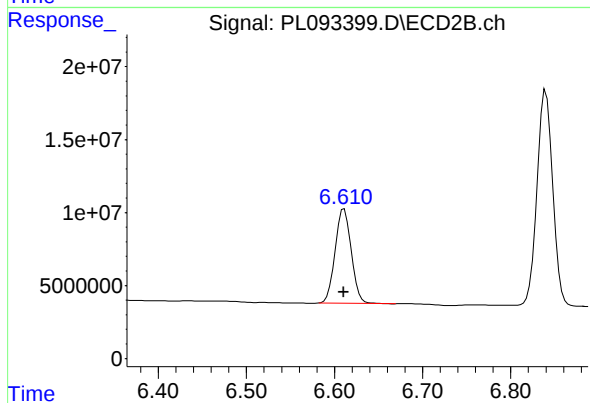
#19 Endosulfan Sulfate

R.T.: 6.335 min
Delta R.T.: 0.000 min
Response: 160127457
Conc: 52.68 ng/ml



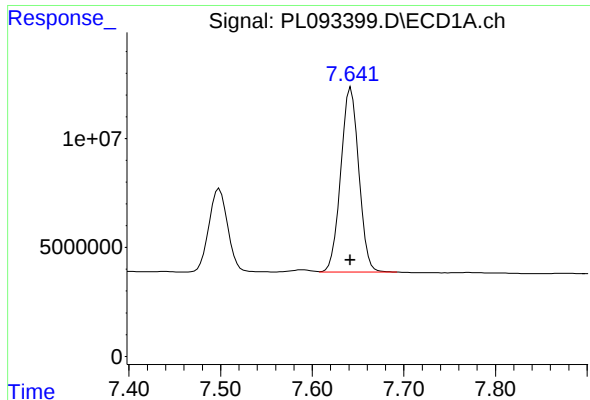
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: 0.000 min
Response: 54481195
Conc: 52.14 ng/ml



#20 Methoxychlor

R.T.: 6.611 min
Delta R.T.: 0.000 min
Response: 82647805
Conc: 54.13 ng/ml



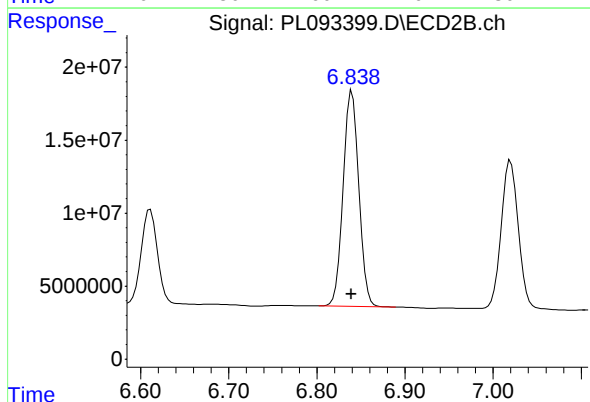
#21 Endrin ketone

R.T.: 7.642 min
Delta R.T.: 0.000 min
Response: 115957333
Conc: 51.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165684BS

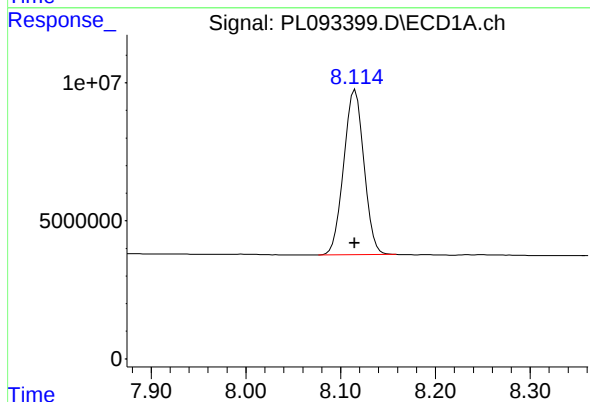
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/18/2024
Supervised By :Ankita Jodhani 12/18/2024



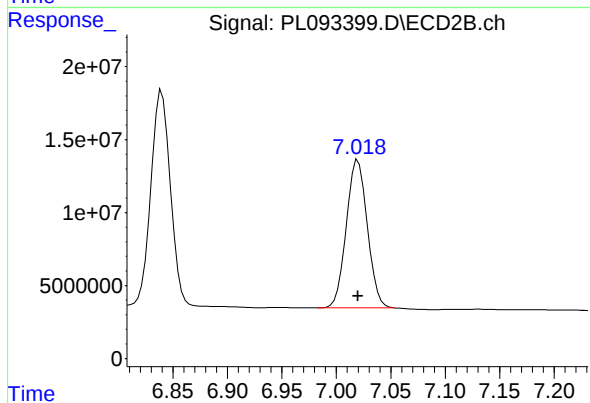
#21 Endrin ketone

R.T.: 6.840 min
Delta R.T.: 0.000 min
Response: 182562138
Conc: 54.38 ng/ml



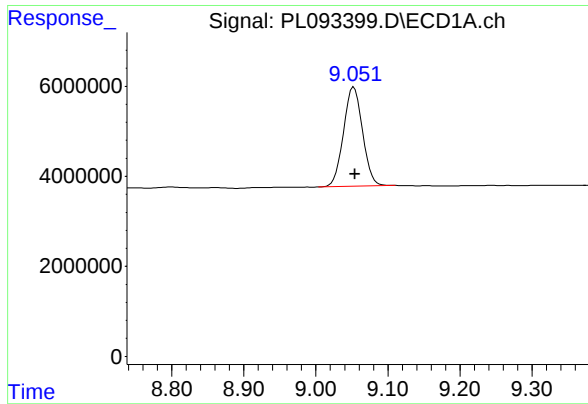
#22 Mirex

R.T.: 8.115 min
Delta R.T.: 0.000 min
Response: 88755892
Conc: 49.14 ng/ml



#22 Mirex

R.T.: 7.020 min
Delta R.T.: 0.000 min
Response: 135981926
Conc: 50.62 ng/ml



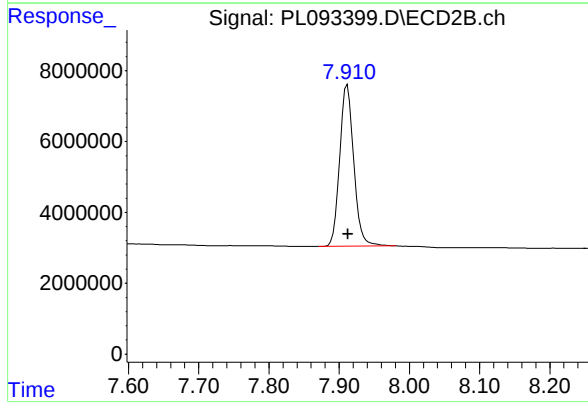
#28 Decachlorobiphenyl

R.T.: 9.053 min
Delta R.T.: -0.001 min
Response: 40532314
Conc: 23.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165684BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.912 min
Delta R.T.: 0.000 min
Response: 63305872
Conc: 22.16 ng/ml