

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL112024\
 Data File : PL093186.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Nov 2024 15:30
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/21/2024
 Supervised By :Ankita Jodhani 11/21/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 20 23:16:53 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 28 18:58:23 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...	3.536	2.774	117.8E6	132.7E6	48.097	48.758
28)	SA Decachlor...	9.056	7.913	82937011	131.7E6	43.094	48.255
Target Compounds							
2)	A alpha-BHC	3.992	3.277	164.3E6	198.0E6	48.443	49.627
3)	MA gamma-BHC...	4.325	3.607	154.3E6	191.7E6	47.346	49.666
4)	MA Heptachlor	4.913	3.946	135.0E6	183.2E6	44.953	48.532
5)	MB Aldrin	5.254	4.225	135.4E6	182.9E6	45.111m	49.965
6)	B beta-BHC	4.523	3.907	67131057	80844720	46.443	49.108
7)	B delta-BHC	4.770	4.136	147.5E6	193.1E6	47.132	50.251
8)	B Heptachlo...	5.682	4.728	123.8E6	166.3E6	44.827	49.783
9)	A Endosulfan I	6.068	5.098	111.0E6	146.1E6	44.372	47.850
10)	B gamma-Chl...	5.938	4.978	116.9E6	169.0E6	43.928	50.270
11)	B alpha-Chl...	6.017	5.042	117.4E6	165.1E6	44.348	49.652
12)	B 4,4'-DDE	6.191	5.231	107.0E6	165.1E6	45.145	51.234
13)	MA Dieldrin	6.343	5.362	117.2E6	168.2E6	44.466	50.357
14)	MA Endrin	6.573	5.638	95680462	137.5E6	42.027	47.527
15)	B Endosulfa...	6.792	5.931	100.8E6	142.4E6	42.287	50.258m
16)	A 4,4'-DDD	6.709	5.786	87681534	133.2E6	45.679	53.500
17)	MA 4,4'-DDT	7.023	6.036	83994775	120.2E6	40.582	44.809
18)	B Endrin al...	6.923	6.112	83830887	117.0E6	44.639	50.708
19)	B Endosulfa...	7.158	6.335	94275264	134.2E6	43.438	49.769
20)	A Methoxychlor	7.499	6.612	46329711	66027940	40.640	46.237
21)	B Endrin ke...	7.643	6.841	108.2E6	157.7E6	44.679	51.381
22)	Mirex	8.116	7.021	82508310	123.9E6	41.635	47.498

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL112024\
Data File : PL093186.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Nov 2024 15:30
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

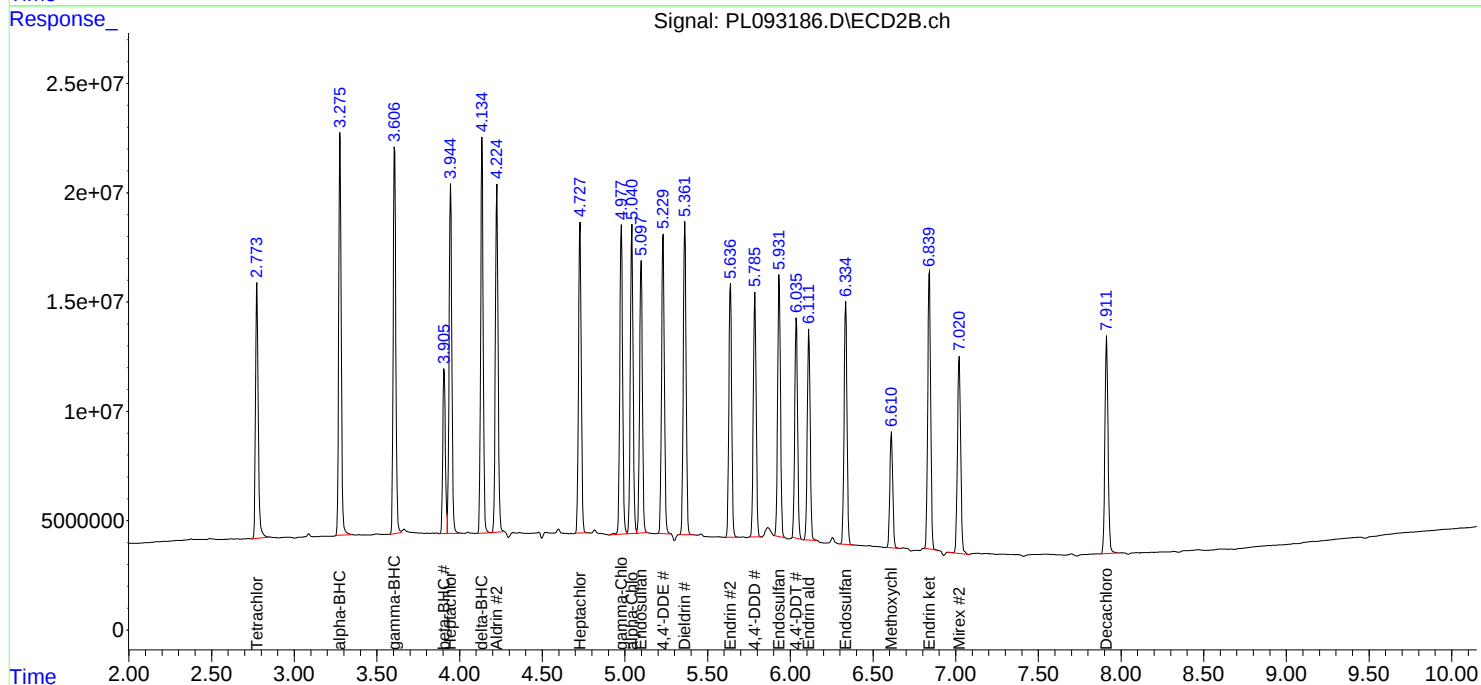
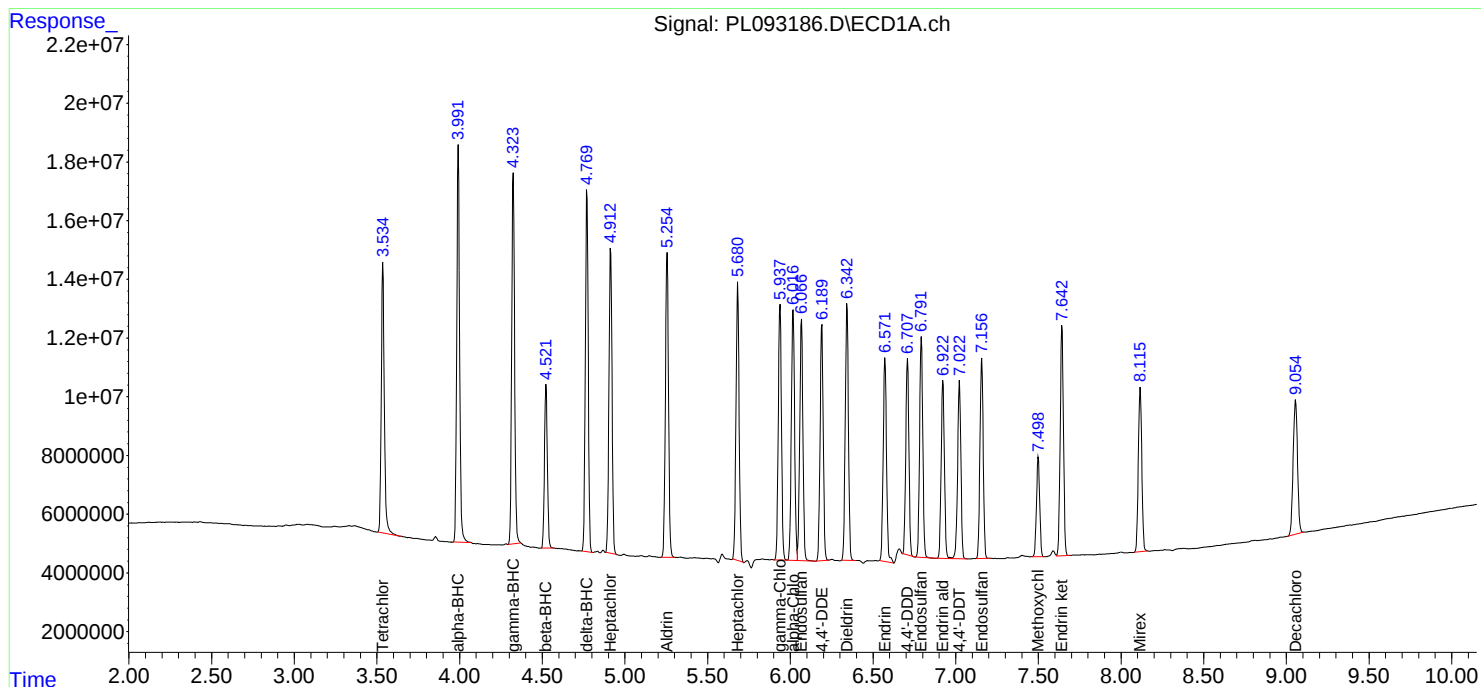
APPROVED

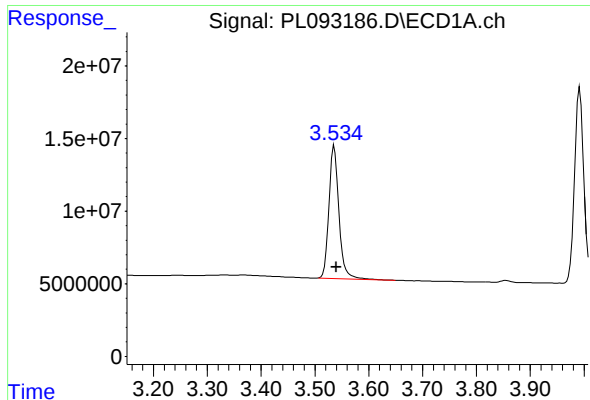
Reviewed By :Yogesh Patel 11/21/2024

Supervised By :Ankita Jodhani 11/21/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 20 23:16:53 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102824.M
Quant Title : GC Extractables
QLast Update : Mon Oct 28 18:58:23 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





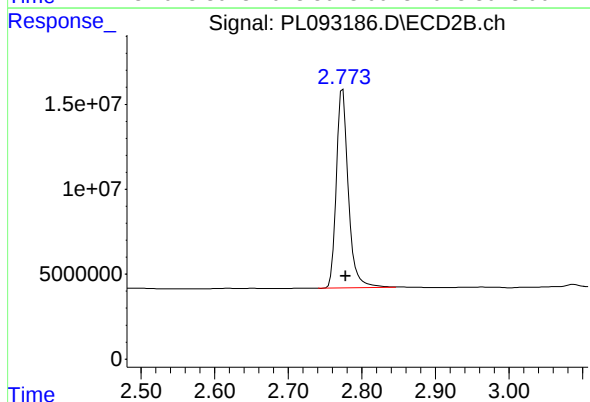
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: -0.004 min
Response: 117848669
Conc: 48.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

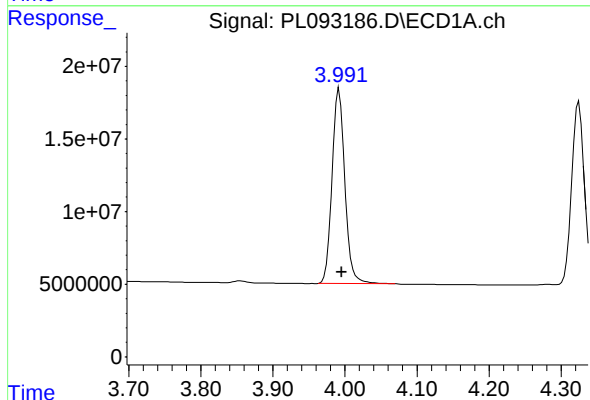
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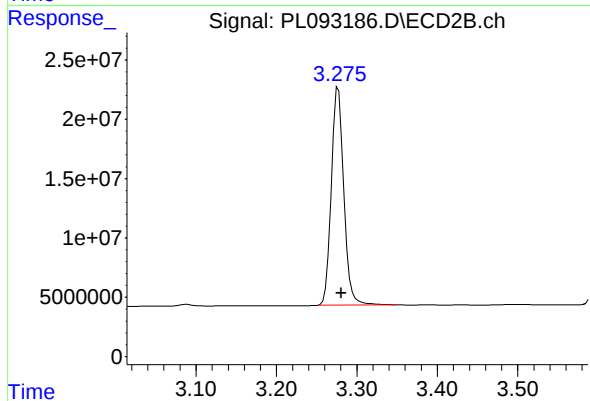
#1 Tetrachloro-m-xylene

R.T.: 2.774 min
Delta R.T.: -0.004 min
Response: 132678090
Conc: 48.76 ng/ml



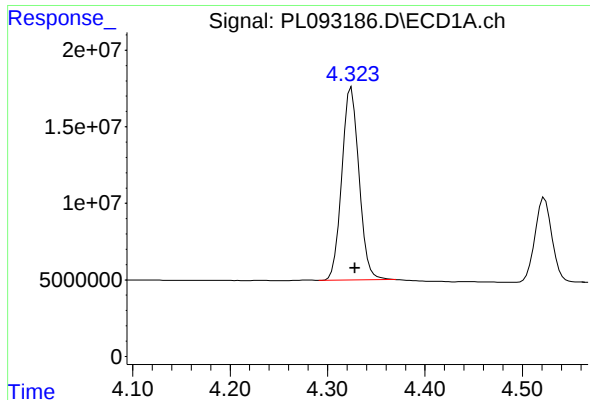
#2 alpha-BHC

R.T.: 3.992 min
Delta R.T.: -0.004 min
Response: 164296618
Conc: 48.44 ng/ml



#2 alpha-BHC

R.T.: 3.277 min
Delta R.T.: -0.004 min
Response: 198021834
Conc: 49.63 ng/ml



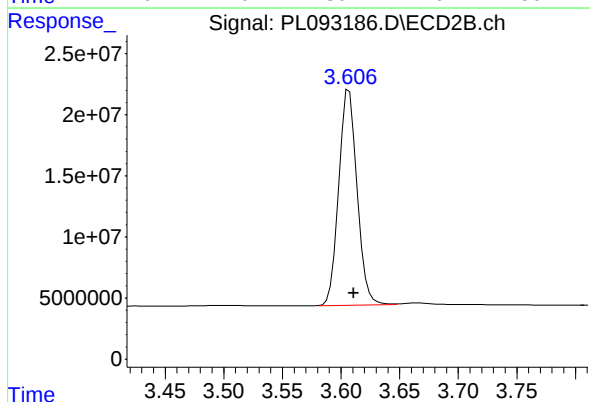
#3 gamma-BHC (Lindane)

R.T.: 4.325 min
Delta R.T.: -0.004 min
Response: 154328179
Conc: 47.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

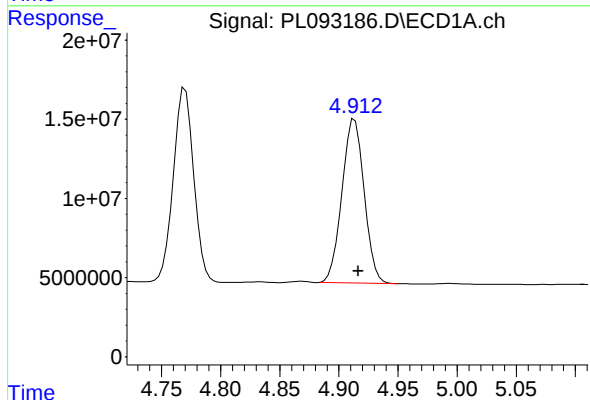
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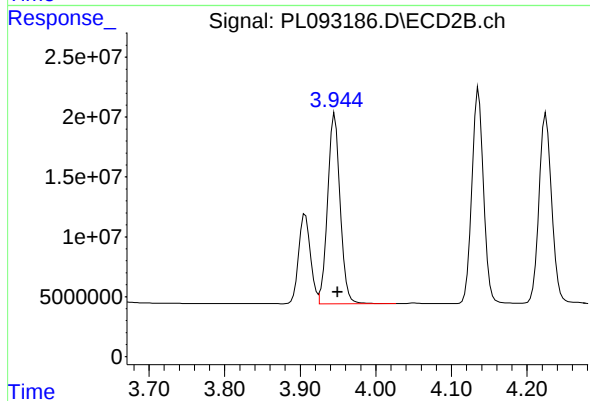
#3 gamma-BHC (Lindane)

R.T.: 3.607 min
Delta R.T.: -0.004 min
Response: 191682734
Conc: 49.67 ng/ml



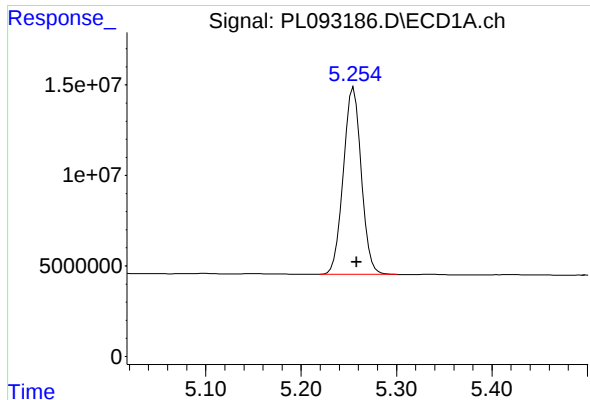
#4 Heptachlor

R.T.: 4.913 min
Delta R.T.: -0.003 min
Response: 134999198
Conc: 44.95 ng/ml



#4 Heptachlor

R.T.: 3.946 min
Delta R.T.: -0.004 min
Response: 183157401
Conc: 48.53 ng/ml



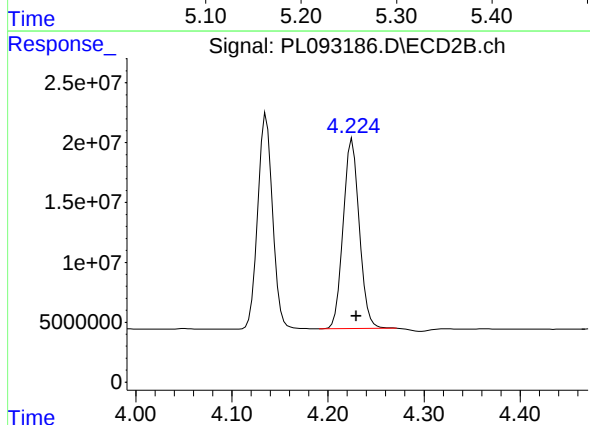
#5 Aldrin

R.T.: 5.254 min
Delta R.T.: -0.004 min
Response: 135398473
Conc: 45.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

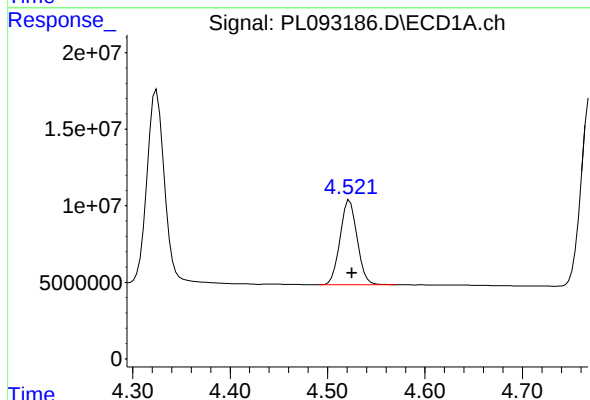
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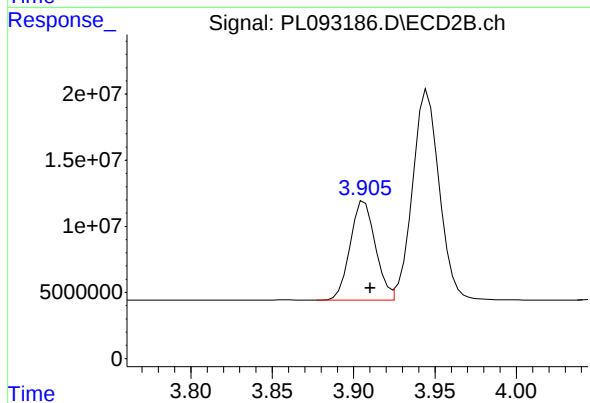
#5 Aldrin

R.T.: 4.225 min
Delta R.T.: -0.004 min
Response: 182881794
Conc: 49.96 ng/ml



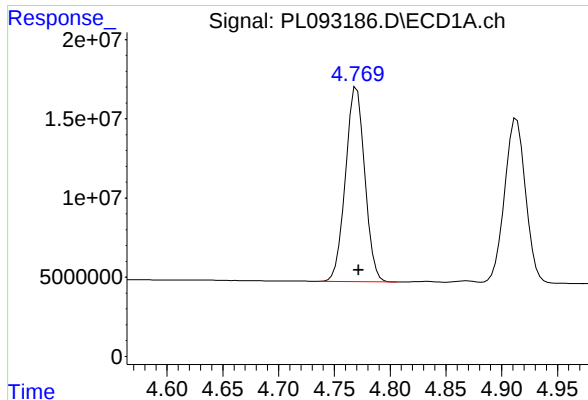
#6 beta-BHC

R.T.: 4.523 min
Delta R.T.: -0.002 min
Response: 67131057
Conc: 46.44 ng/ml



#6 beta-BHC

R.T.: 3.907 min
Delta R.T.: -0.003 min
Response: 80844720
Conc: 49.11 ng/ml



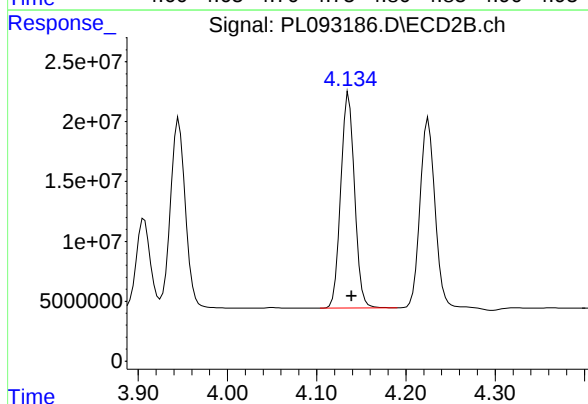
#7 delta-BHC

R.T.: 4.770 min
Delta R.T.: -0.002 min
Response: 147517423
Conc: 47.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

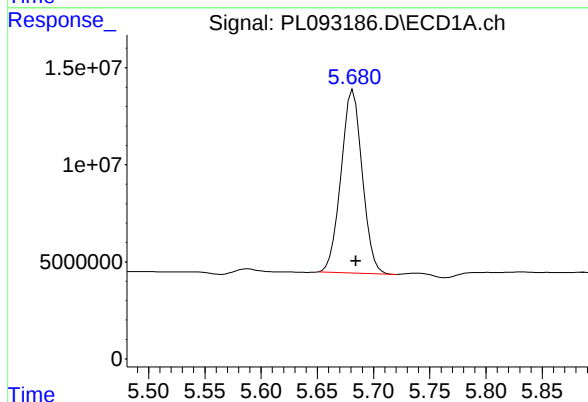
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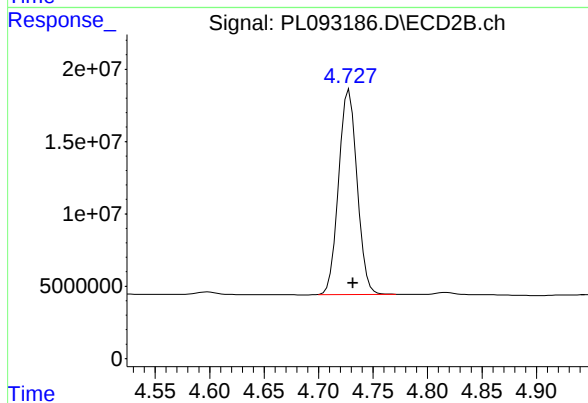
#7 delta-BHC

R.T.: 4.136 min
Delta R.T.: -0.003 min
Response: 193123611
Conc: 50.25 ng/ml



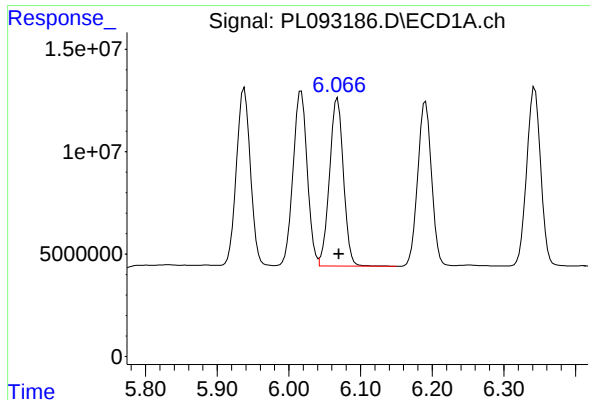
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: -0.002 min
Response: 123785673
Conc: 44.83 ng/ml



#8 Heptachlor epoxide

R.T.: 4.728 min
Delta R.T.: -0.004 min
Response: 166344494
Conc: 49.78 ng/ml



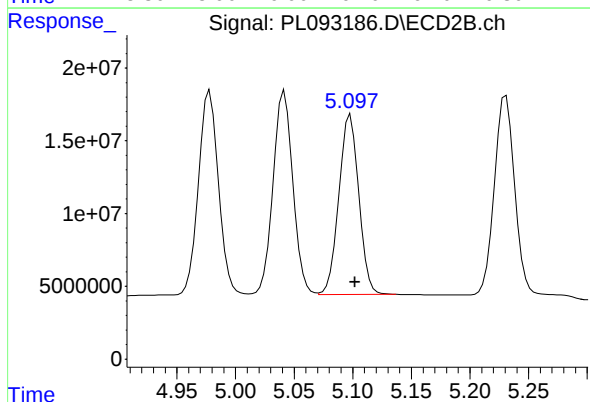
#9 Endosulfan I

R.T.: 6.068 min
Delta R.T.: -0.002 min
Response: 110990405
Conc: 44.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

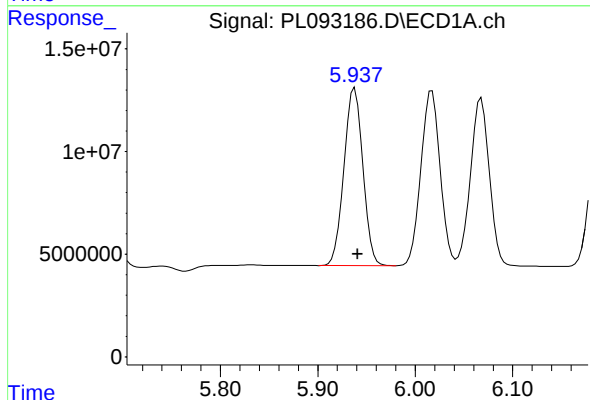
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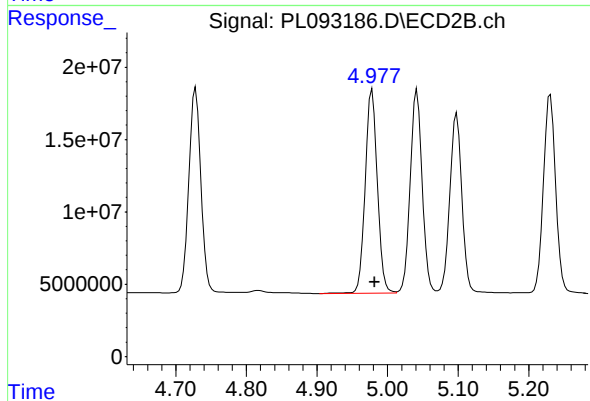
#9 Endosulfan I

R.T.: 5.098 min
Delta R.T.: -0.004 min
Response: 146094124
Conc: 47.85 ng/ml



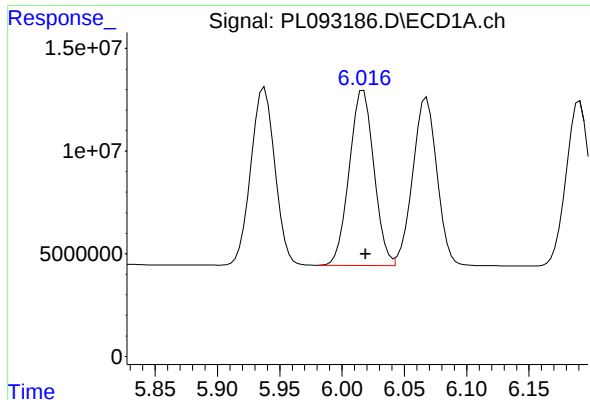
#10 gamma-Chlordane

R.T.: 5.938 min
Delta R.T.: -0.003 min
Response: 116876231
Conc: 43.93 ng/ml



#10 gamma-Chlordane

R.T.: 4.978 min
Delta R.T.: -0.004 min
Response: 168991682
Conc: 50.27 ng/ml



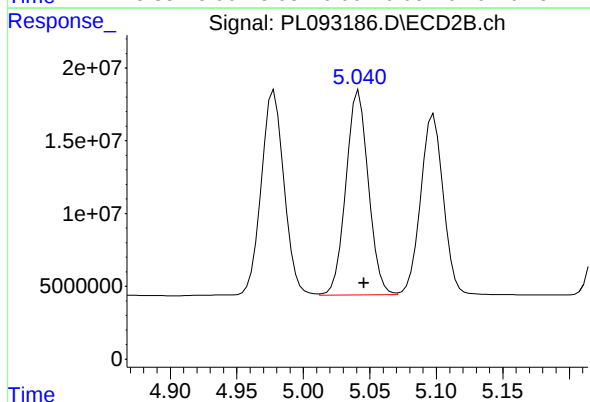
#11 alpha-Chlordane

R.T.: 6.017 min
Delta R.T.: -0.002 min
Response: 117440130
Conc: 44.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

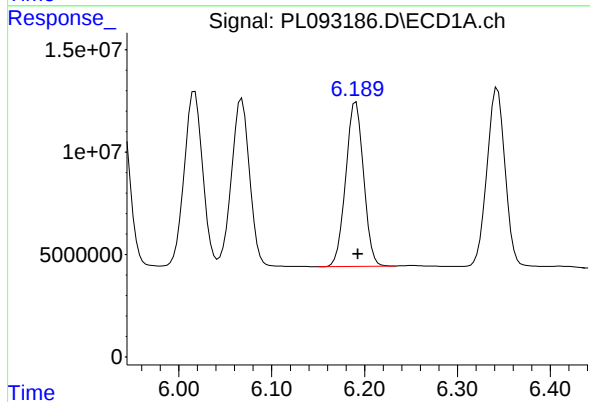
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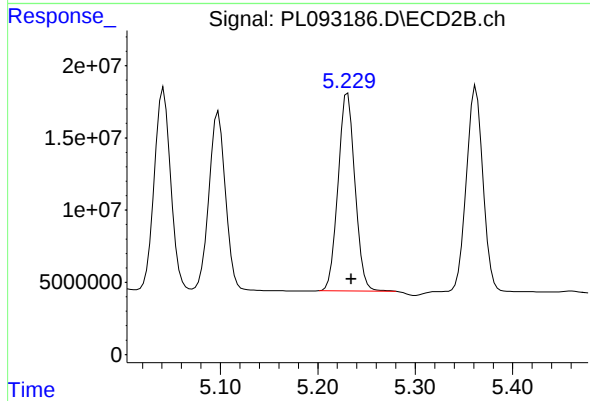
#11 alpha-Chlordane

R.T.: 5.042 min
Delta R.T.: -0.004 min
Response: 165144422
Conc: 49.65 ng/ml



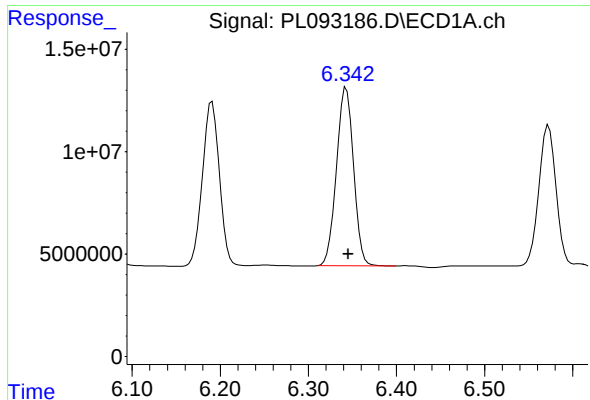
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: -0.002 min
Response: 106957781
Conc: 45.15 ng/ml



#12 4,4'-DDE

R.T.: 5.231 min
Delta R.T.: -0.004 min
Response: 165056769
Conc: 51.23 ng/ml



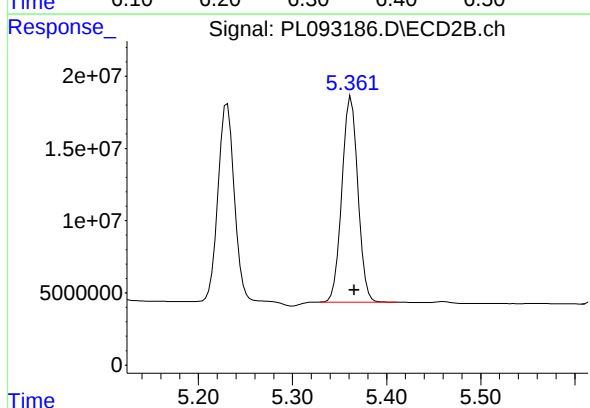
#13 Dieldrin

R.T.: 6.343 min
Delta R.T.: -0.002 min
Response: 117189034
Conc: 44.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

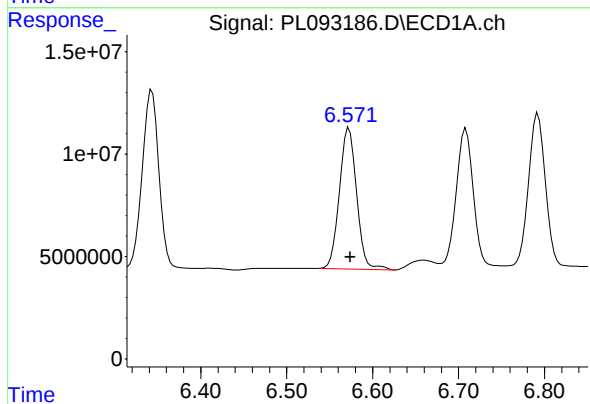
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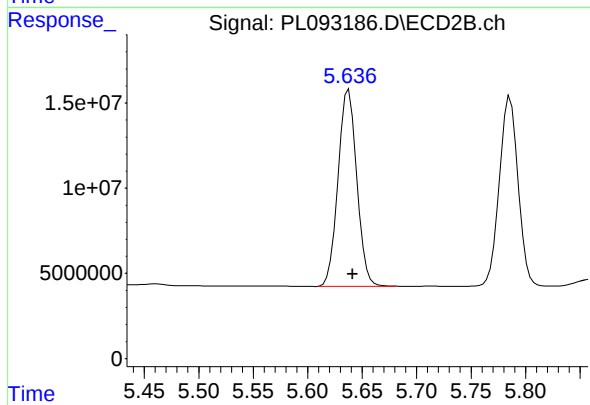
#13 Dieldrin

R.T.: 5.362 min
Delta R.T.: -0.003 min
Response: 168206754
Conc: 50.36 ng/ml



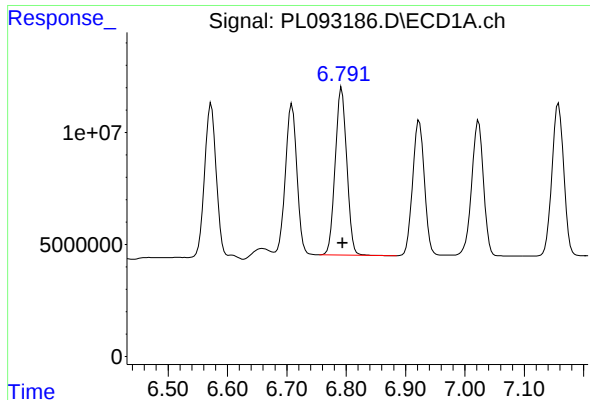
#14 Endrin

R.T.: 6.573 min
Delta R.T.: -0.002 min
Response: 95680462
Conc: 42.03 ng/ml



#14 Endrin

R.T.: 5.638 min
Delta R.T.: -0.004 min
Response: 137496727
Conc: 47.53 ng/ml



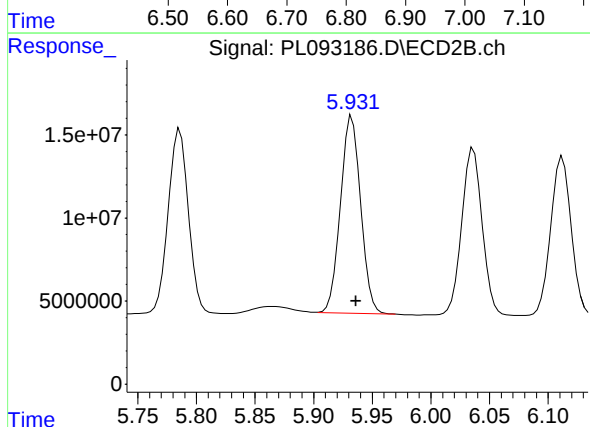
#15 Endosulfan II

R.T.: 6.792 min
Delta R.T.: -0.002 min
Response: 100804775
Conc: 42.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

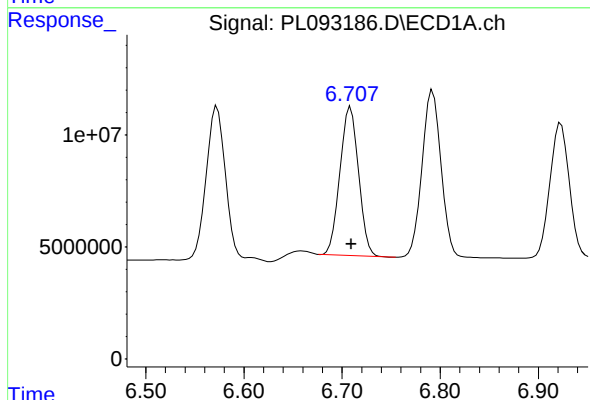
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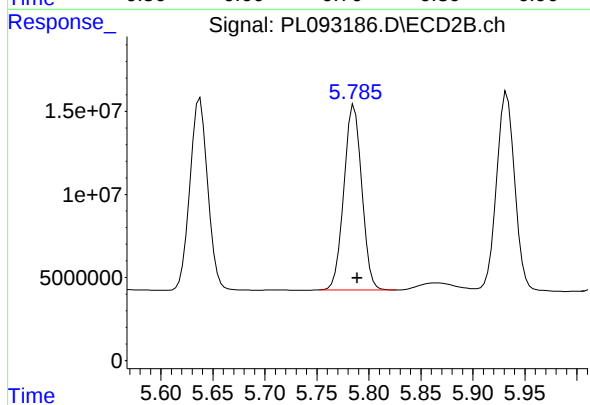
#15 Endosulfan II

R.T.: 5.931 min
Delta R.T.: -0.005 min
Response: 142394947
Conc: 50.26 ng/ml



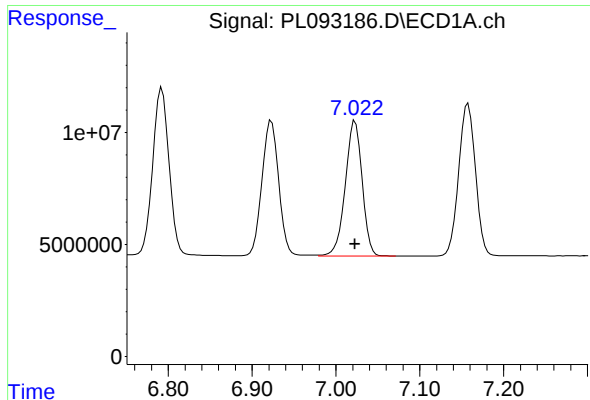
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: 0.000 min
Response: 87681534
Conc: 45.68 ng/ml



#16 4,4'-DDD

R.T.: 5.786 min
Delta R.T.: -0.003 min
Response: 133217454
Conc: 53.50 ng/ml



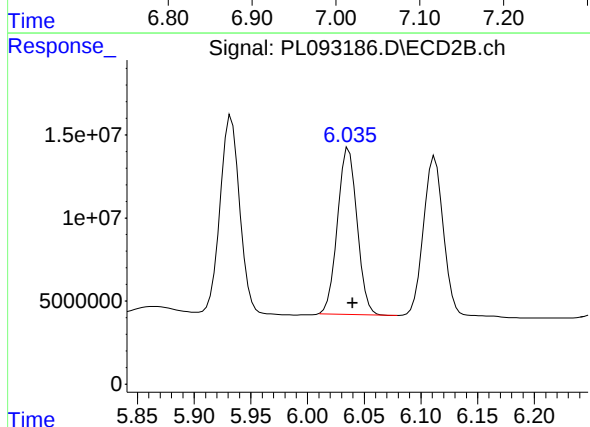
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: 0.000 min
Response: 83994775
Conc: 40.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

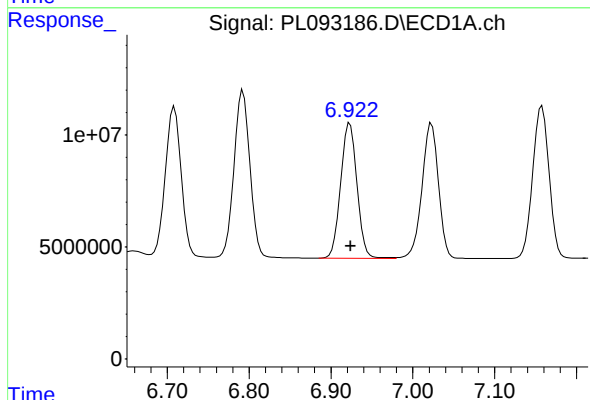
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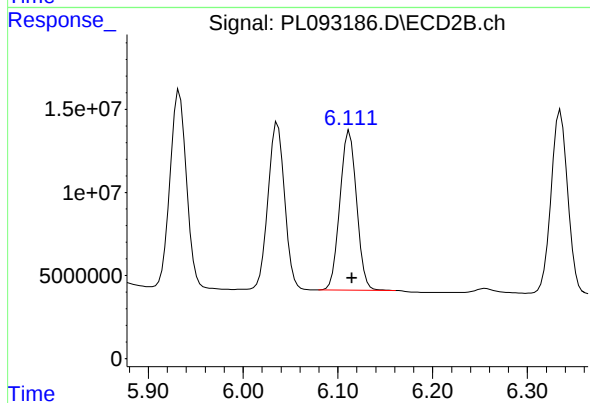
#17 4,4'-DDT

R.T.: 6.036 min
Delta R.T.: -0.003 min
Response: 120189908
Conc: 44.81 ng/ml



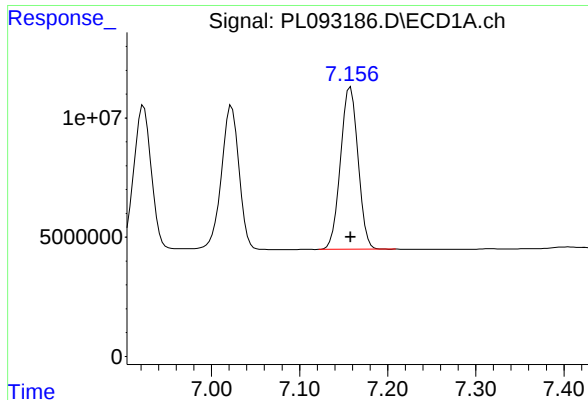
#18 Endrin aldehyde

R.T.: 6.923 min
Delta R.T.: 0.000 min
Response: 83830887
Conc: 44.64 ng/ml



#18 Endrin aldehyde

R.T.: 6.112 min
Delta R.T.: -0.003 min
Response: 116998028
Conc: 50.71 ng/ml



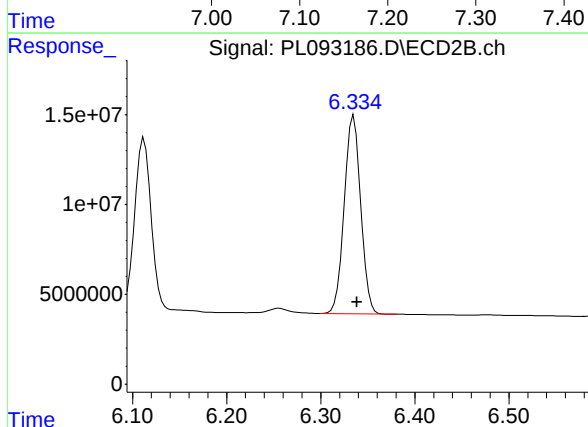
#19 Endosulfan Sulfate

R.T.: 7.158 min
Delta R.T.: 0.000 min
Response: 94275264
Conc: 43.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

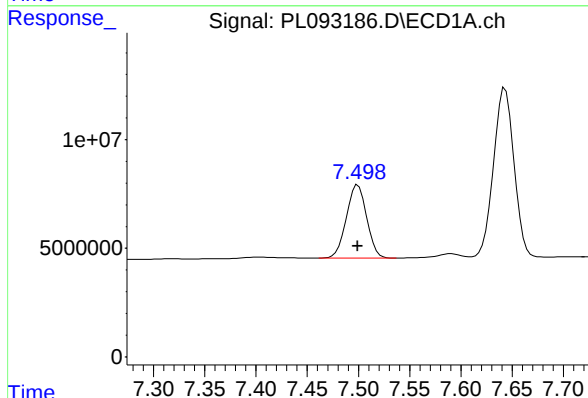
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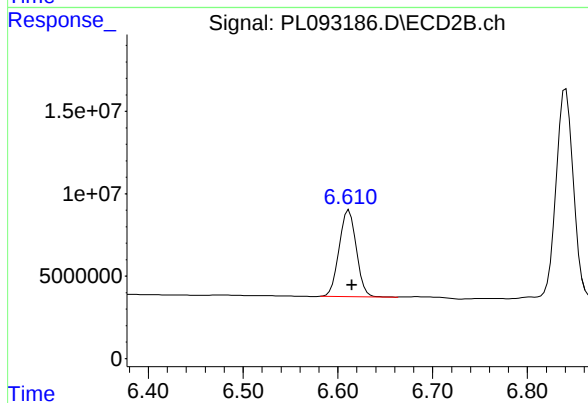
#19 Endosulfan Sulfate

R.T.: 6.335 min
Delta R.T.: -0.003 min
Response: 134221146
Conc: 49.77 ng/ml



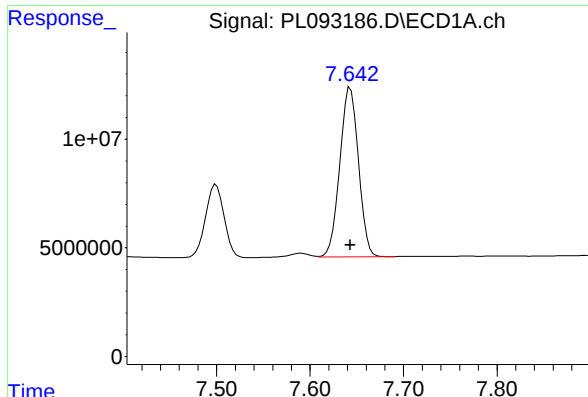
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: 0.000 min
Response: 46329711
Conc: 40.64 ng/ml



#20 Methoxychlor

R.T.: 6.612 min
Delta R.T.: -0.003 min
Response: 66027940
Conc: 46.24 ng/ml



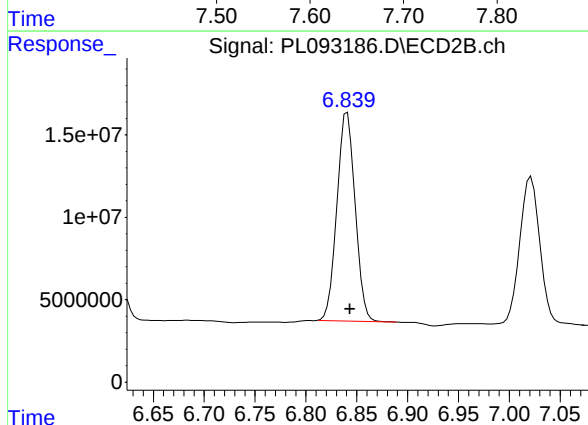
#21 Endrin ketone

R.T.: 7.643 min
Delta R.T.: 0.000 min
Response: 108248133
Conc: 44.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

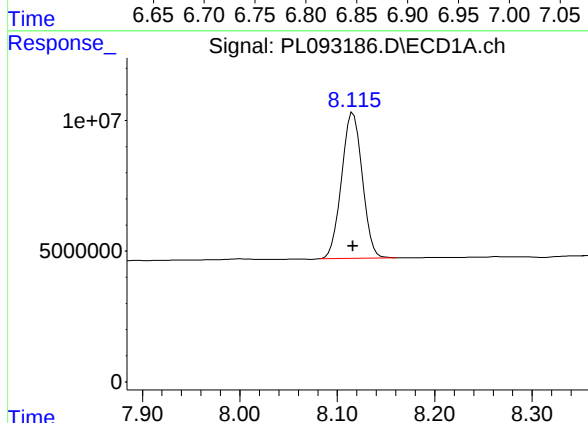
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/21/2024
Supervised By :Ankita Jodhani 11/21/2024



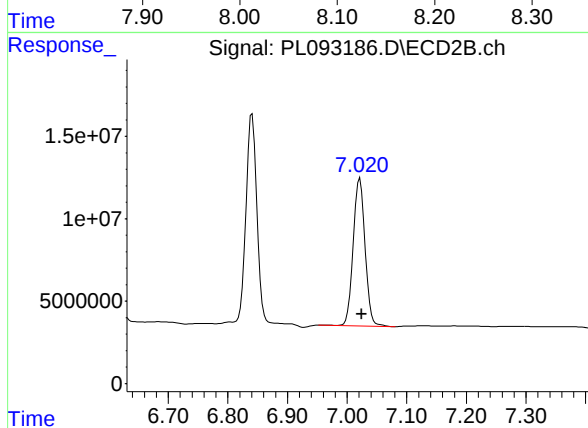
#21 Endrin ketone

R.T.: 6.841 min
Delta R.T.: -0.003 min
Response: 157678986
Conc: 51.38 ng/ml



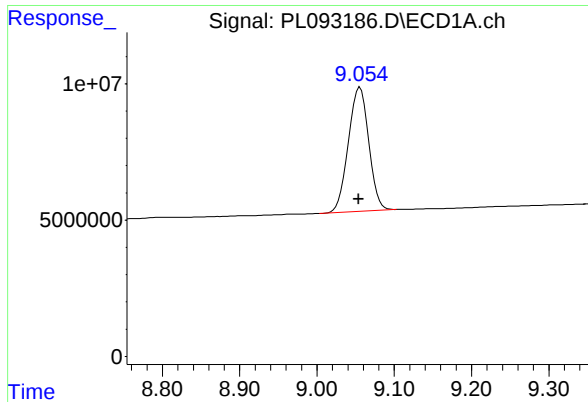
#22 Mirex

R.T.: 8.116 min
Delta R.T.: 0.000 min
Response: 82508310
Conc: 41.64 ng/ml



#22 Mirex

R.T.: 7.021 min
Delta R.T.: -0.003 min
Response: 123926580
Conc: 47.50 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.056 min
Delta R.T.: 0.002 min
Response: 82937011
Conc: 43.09 ng/ml

Instrument :

ECD_L

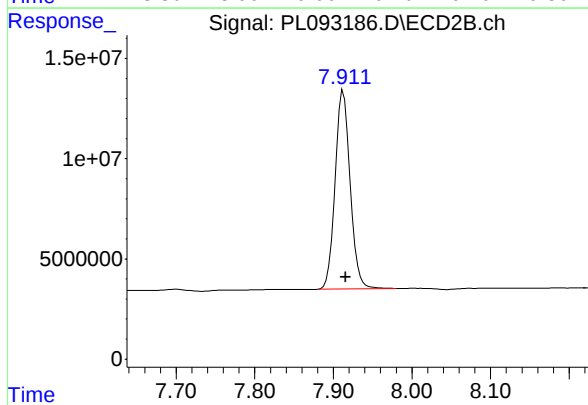
ClientSampleId :

PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 7.913 min
Delta R.T.: -0.003 min
Response: 131698333
Conc: 48.25 ng/ml