

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120924\
 Data File : PL093336.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Dec 2024 14:36
 Operator : AR\AJ
 Sample : P5174-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 ROLL-OFF-COMPMS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 12/10/2024
 Supervised By :Ankita Jodhani 12/10/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 10 00:26:51 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	2.774	28629683	32543749	11.016m	11.284m
28) SA Decachlor...	9.058	7.913	22521802	38742810	12.954	13.563
Target Compounds						
2) A alpha-BHC	3.996	3.278	139.5E6	135.8E6	39.091	31.809
3) MA gamma-BHC...	4.329	3.608	141.0E6	150.7E6	41.735	36.395
4) MA Heptachlor	4.917	3.947	129.6E6	155.3E6	42.414	38.389
5) MB Aldrin	5.259	4.227	124.3E6	155.6E6	41.325	39.117
6) B beta-BHC	4.527	3.908	55403197	69738814	36.697	39.204
7) B delta-BHC	4.774	4.137	121.6E6	158.9E6	36.741	37.241
8) B Heptachlo...	5.685	4.729	109.5E6	148.2E6	39.449m	40.692
9) A Endosulfan I	6.071	5.103	102.6E6	330.3E6	42.164	98.807m#
10) B gamma-Chl...	5.942	4.978	133.0E6	192.6E6	51.621	51.980m
11) B alpha-Chl...	6.022	5.043	139.8E6	176.0E6	53.946	48.472
12) B 4,4'-DDE	6.192	5.232	95303740	152.5E6	40.740m	42.591
13) MA Dieldrin	6.346	5.363	112.7E6	165.1E6	43.973	44.784
14) MA Endrin	6.576	5.641	98725337	197.8E6	47.069	62.025 #
15) B Endosulfa...	6.796	5.934	104.3E6	154.2E6	47.842	48.660
16) A 4,4'-DDD	6.710	5.787	92969400	121.6E6	50.739m	43.364
17) MA 4,4'-DDT	7.026	6.037	287.3E6	458.3E6	149.028	154.722
18) B Endrin al...	6.926	6.113	76995488	110.3E6	42.619	42.075
19) B Endosulfa...	7.160	6.336	96318444	137.7E6	46.471	45.297
20) A Methoxychlor	7.502	6.612	49981536	64222145	47.835	42.059
21) B Endrin ke...	7.645	6.842	109.4E6	147.7E6	48.189	43.989
22) Mirex	8.119	7.022	82265005	116.3E6	45.545	43.285

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL120924\
Data File : PL093336.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Dec 2024 14:36
Operator : AR\AJ
Sample : P5174-01MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

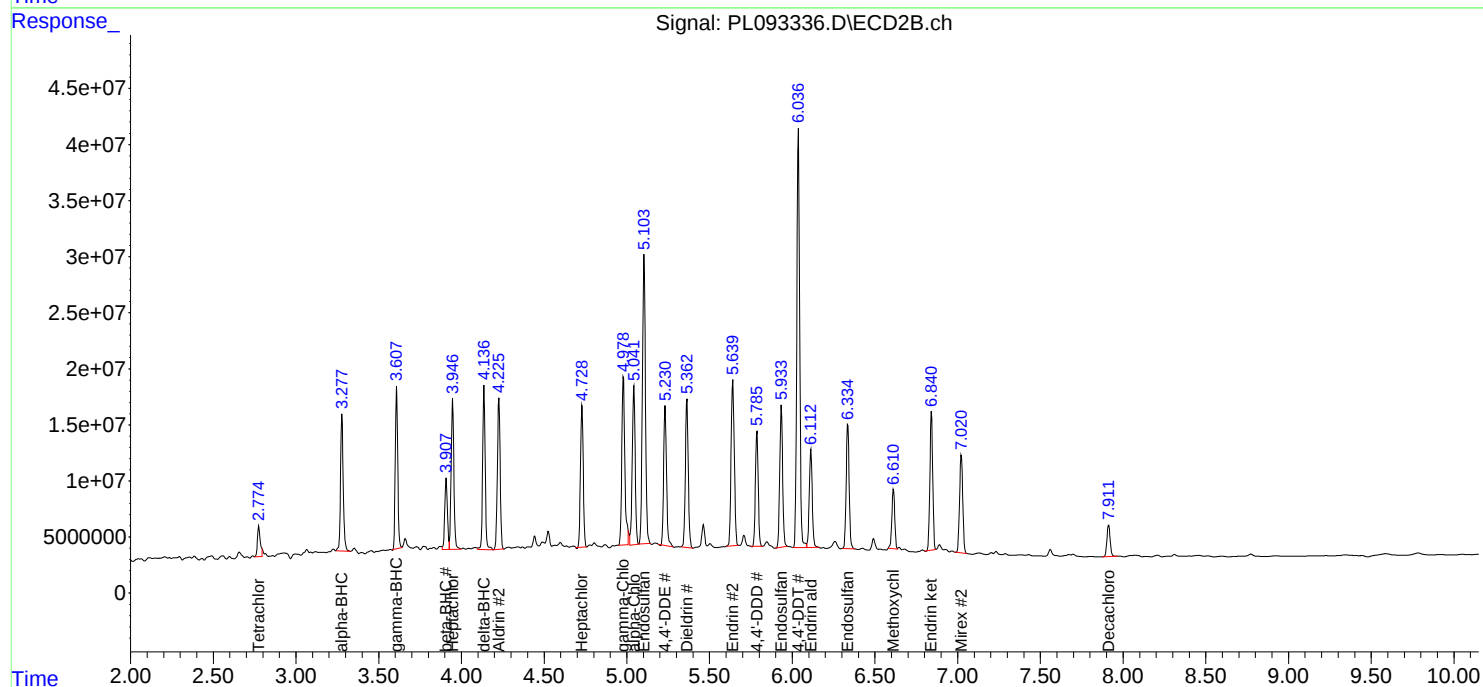
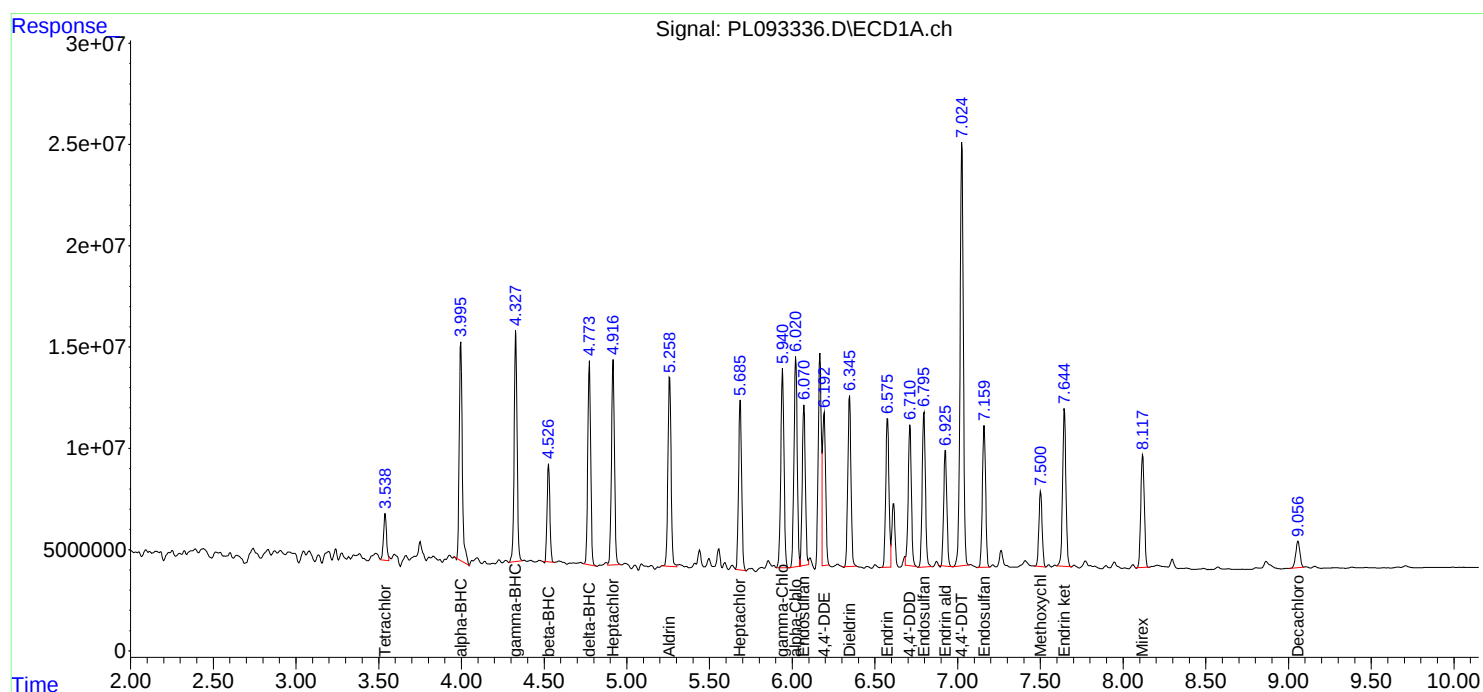
Instrument :
ECD_L
ClientSampleId :
ROLL-OFF-COMPMS

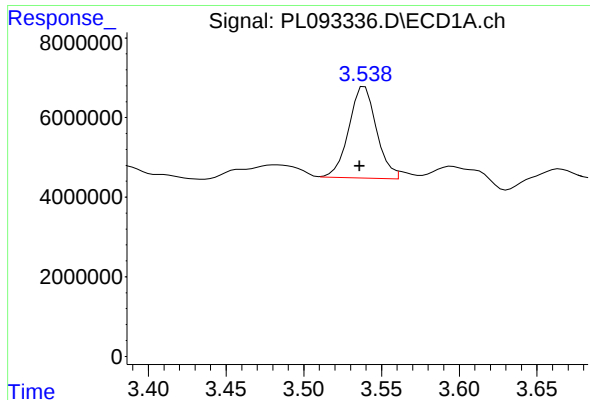
Manual Integrations
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Reviewed By : Abdul Mirza 12/10/2024
Supervised By : Ankita Jodhani 12/10/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 10 00:26:51 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





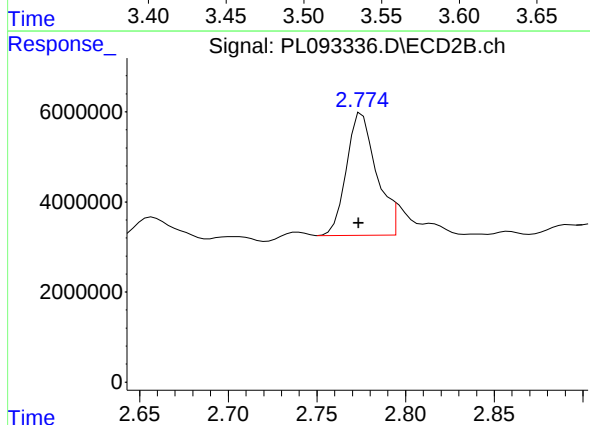
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: 0.002 min
Response: 28629683
Conc: 11.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
ROLL-OFF-COMPMS

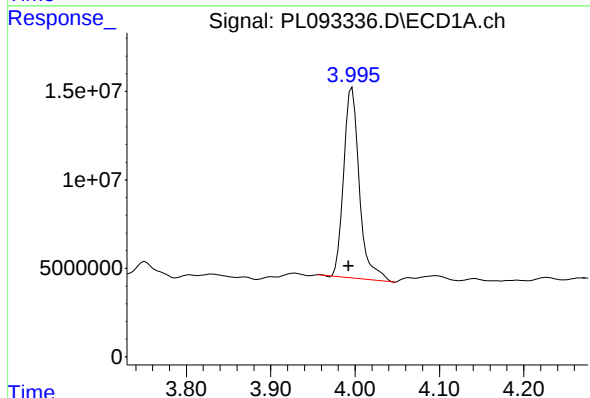
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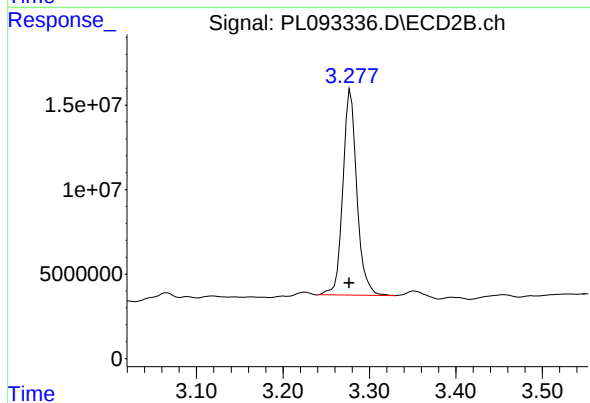
#1 Tetrachloro-m-xylene

R.T.: 2.774 min
Delta R.T.: 0.000 min
Response: 32543749
Conc: 11.28 ng/ml



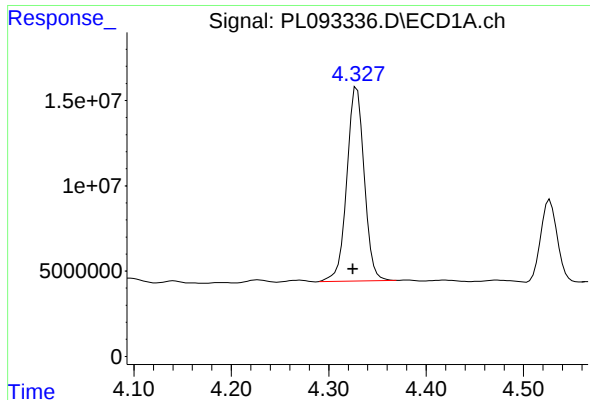
#2 alpha-BHC

R.T.: 3.996 min
Delta R.T.: 0.004 min
Response: 139493834
Conc: 39.09 ng/ml



#2 alpha-BHC

R.T.: 3.278 min
Delta R.T.: 0.002 min
Response: 135806746
Conc: 31.81 ng/ml



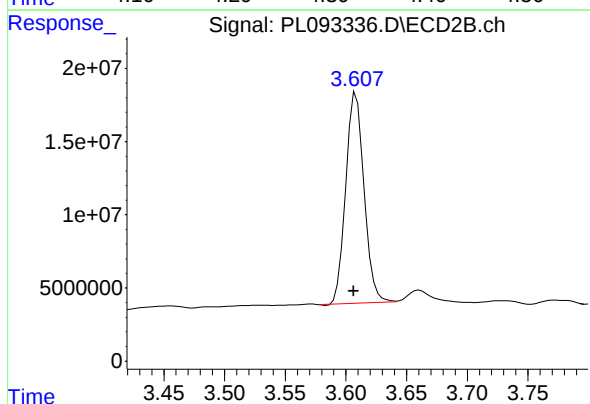
#3 gamma-BHC (Lindane)

R.T.: 4.329 min
Delta R.T.: 0.004 min
Response: 141008579
Conc: 41.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
ROLL-OFF-COMPMS

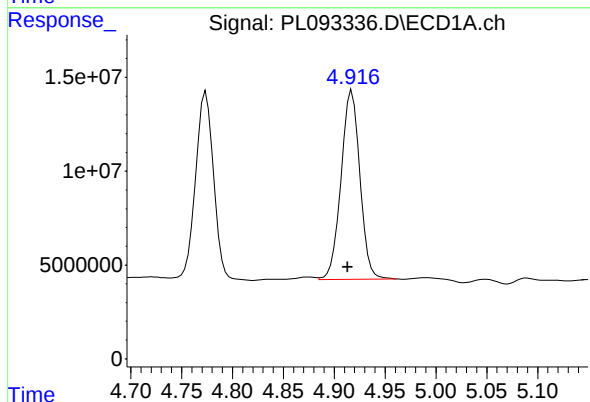
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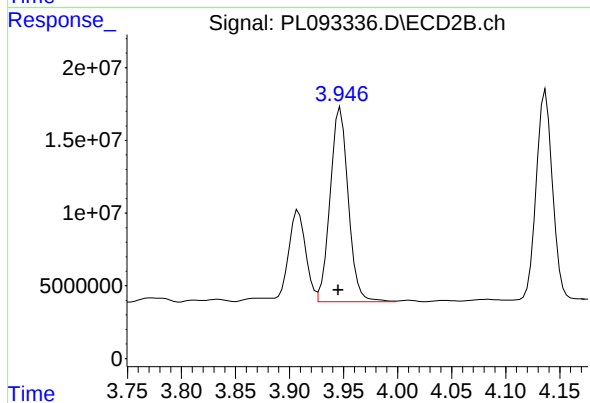
#3 gamma-BHC (Lindane)

R.T.: 3.608 min
Delta R.T.: 0.002 min
Response: 150666799
Conc: 36.40 ng/ml



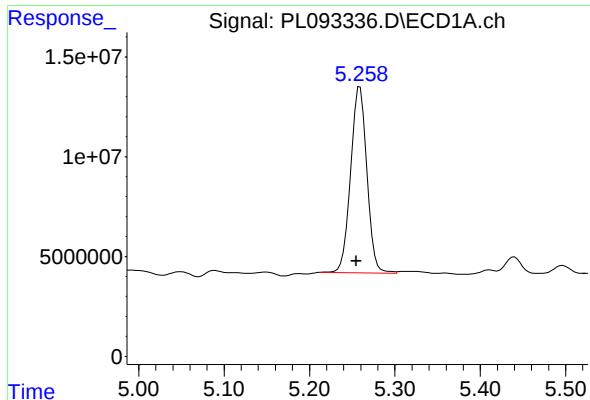
#4 Heptachlor

R.T.: 4.917 min
Delta R.T.: 0.004 min
Response: 129622821
Conc: 42.41 ng/ml



#4 Heptachlor

R.T.: 3.947 min
Delta R.T.: 0.002 min
Response: 155304570
Conc: 38.39 ng/ml



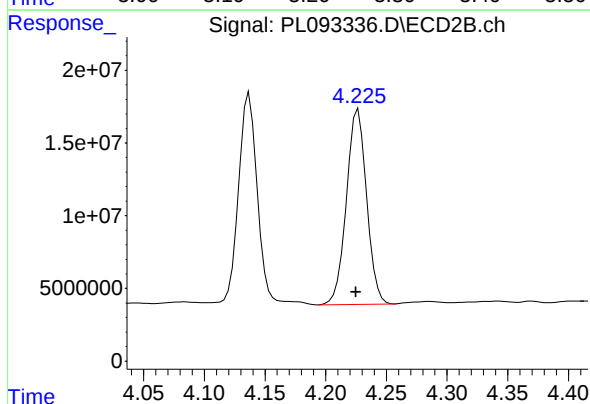
#5 Aldrin

R.T.: 5.259 min
Delta R.T.: 0.004 min
Response: 124270774
Conc: 41.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
ROLL-OFF-COMPMS

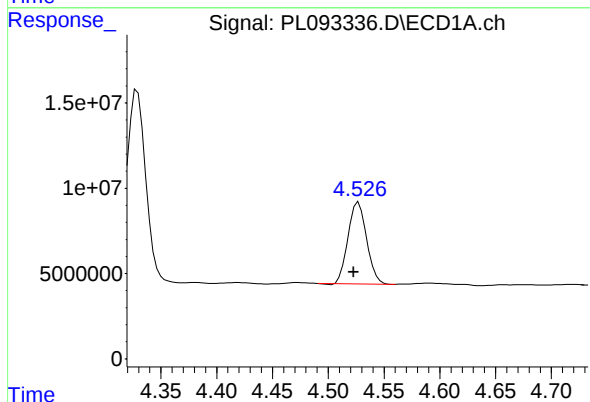
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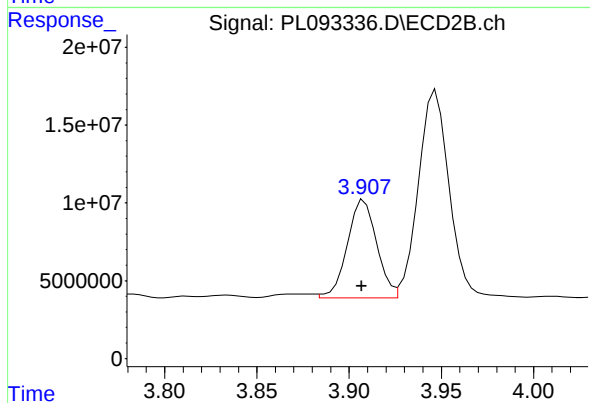
#5 Aldrin

R.T.: 4.227 min
Delta R.T.: 0.002 min
Response: 155641732
Conc: 39.12 ng/ml



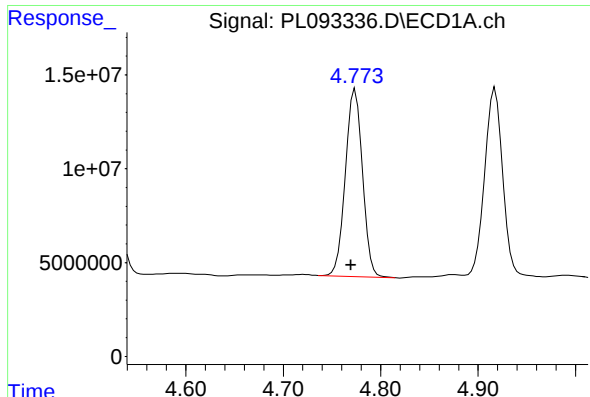
#6 beta-BHC

R.T.: 4.527 min
Delta R.T.: 0.005 min
Response: 55403197
Conc: 36.70 ng/ml



#6 beta-BHC

R.T.: 3.908 min
Delta R.T.: 0.002 min
Response: 69738814
Conc: 39.20 ng/ml



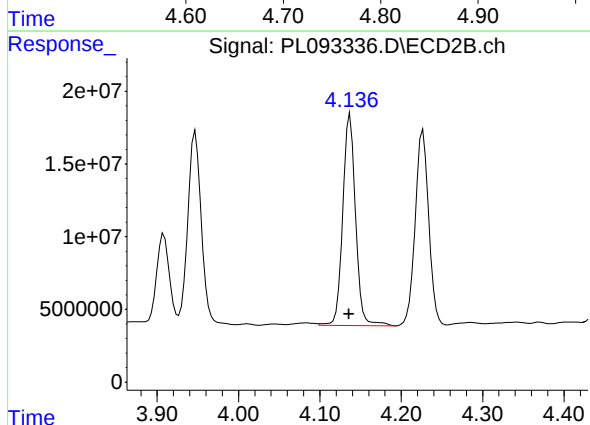
#7 delta-BHC

R.T.: 4.774 min
Delta R.T.: 0.004 min
Response: 121562330
Conc: 36.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
ROLL-OFF-COMPMS

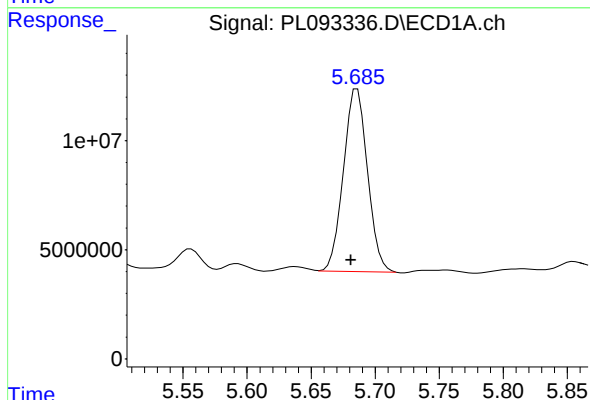
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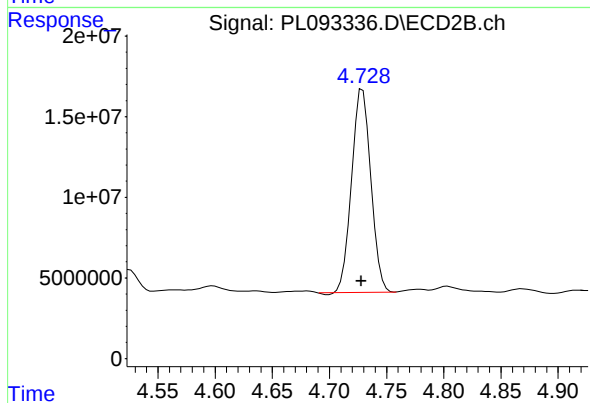
#7 delta-BHC

R.T.: 4.137 min
Delta R.T.: 0.002 min
Response: 158889923
Conc: 37.24 ng/ml



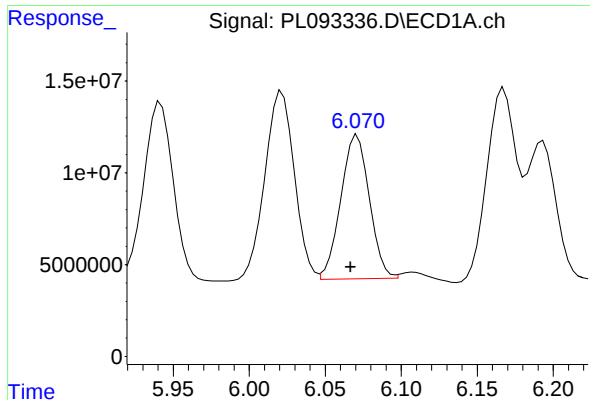
#8 Heptachlor epoxide

R.T.: 5.685 min
Delta R.T.: 0.003 min
Response: 109538912
Conc: 39.45 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.729 min
Delta R.T.: 0.001 min
Response: 148205949
Conc: 40.69 ng/ml



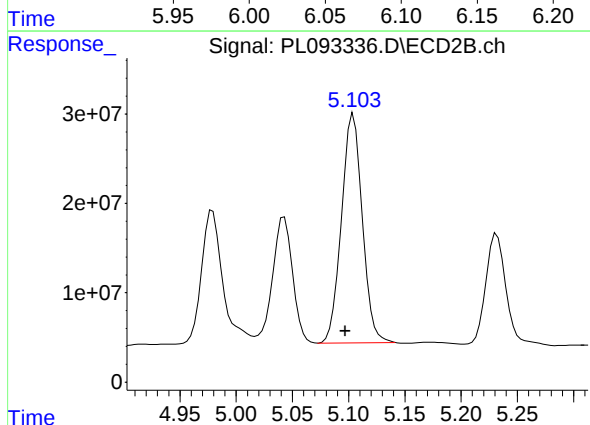
#9 Endosulfan I

R.T.: 6.071 min
Delta R.T.: 0.004 min
Response: 102634342
Conc: 42.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
ROLL-OFF-COMPMS

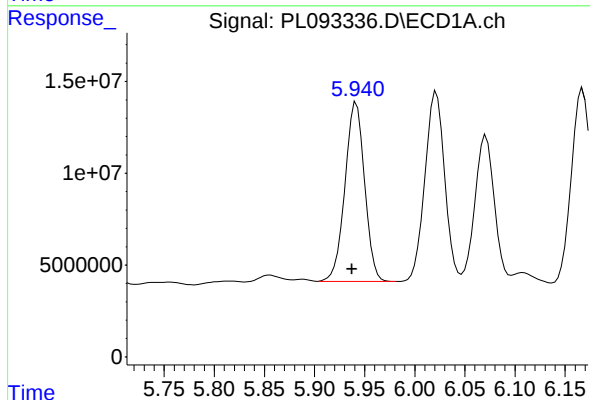
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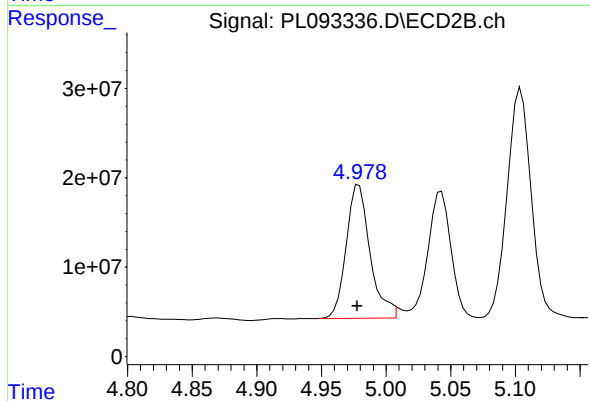
#9 Endosulfan I

R.T.: 5.103 min
Delta R.T.: 0.006 min
Response: 330309663
Conc: 98.81 ng/ml m



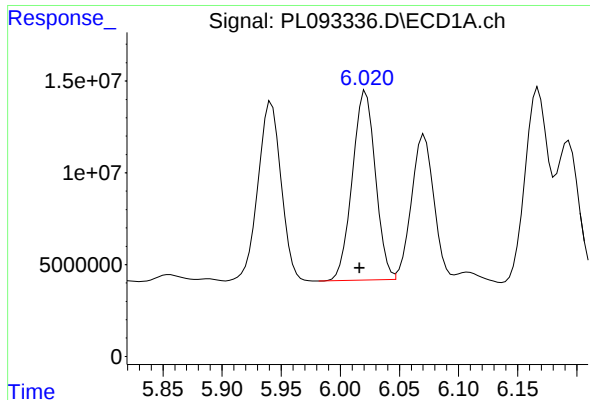
#10 gamma-Chlordane

R.T.: 5.942 min
Delta R.T.: 0.004 min
Response: 132993097
Conc: 51.62 ng/ml



#10 gamma-Chlordane

R.T.: 4.978 min
Delta R.T.: 0.000 min
Response: 192590949
Conc: 51.98 ng/ml m



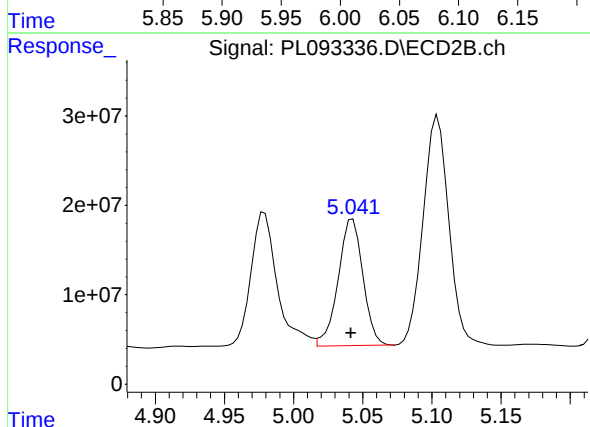
#11 alpha-Chlordane

R.T.: 6.022 min
Delta R.T.: 0.005 min
Response: 139778588
Conc: 53.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
ROLL-OFF-COMPMS

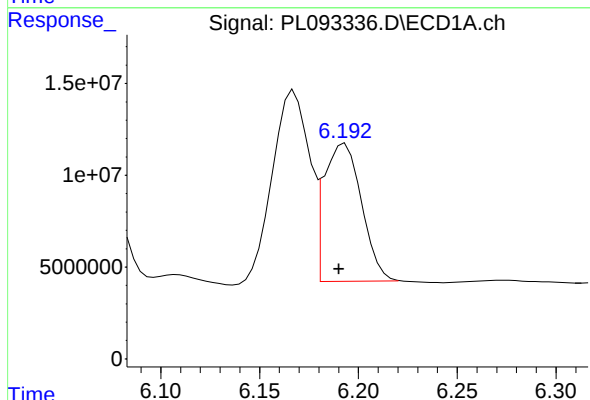
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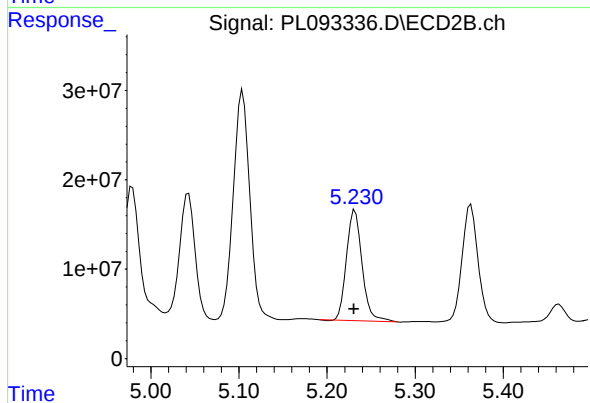
#11 alpha-Chlordane

R.T.: 5.043 min
Delta R.T.: 0.001 min
Response: 175964818
Conc: 48.47 ng/ml



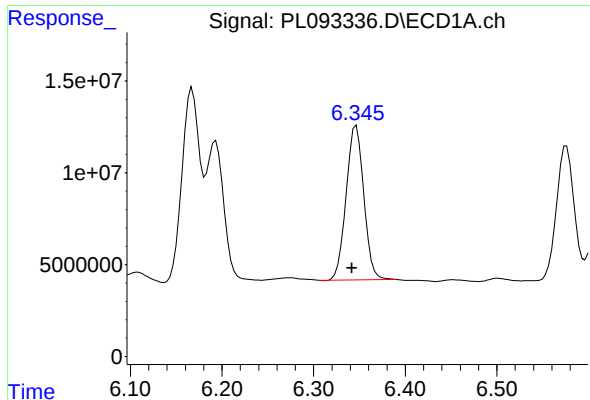
#12 4,4'-DDE

R.T.: 6.192 min
Delta R.T.: 0.002 min
Response: 95303740
Conc: 40.74 ng/ml m



#12 4,4'-DDE

R.T.: 5.232 min
Delta R.T.: 0.001 min
Response: 152478010
Conc: 42.59 ng/ml



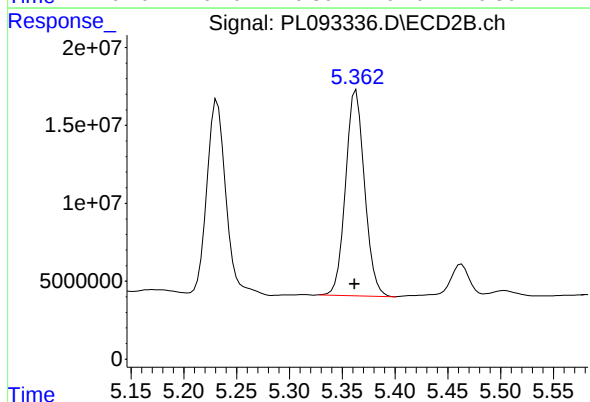
#13 Dieldrin

R.T.: 6.346 min
Delta R.T.: 0.004 min
Response: 112710738
Conc: 43.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
ROLL-OFF-COMPMS

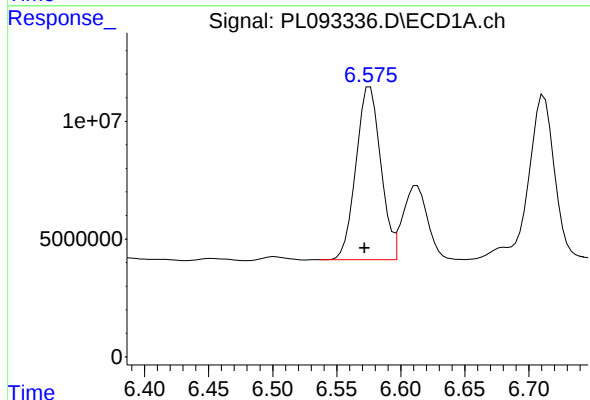
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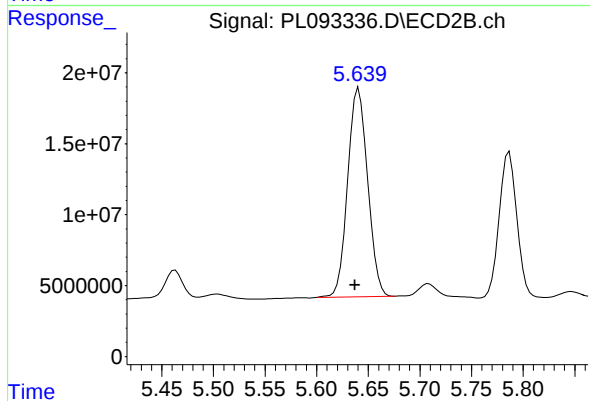
#13 Dieldrin

R.T.: 5.363 min
Delta R.T.: 0.001 min
Response: 165052482
Conc: 44.78 ng/ml



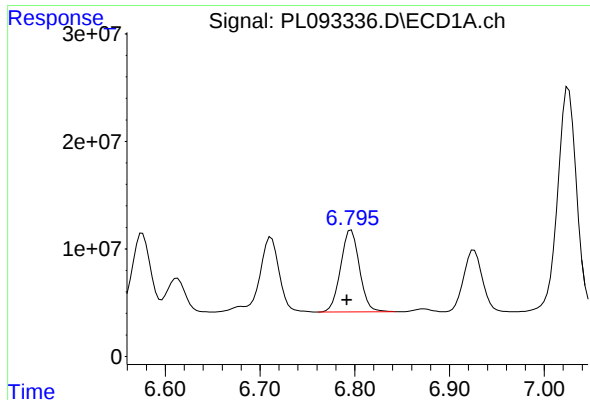
#14 Endrin

R.T.: 6.576 min
Delta R.T.: 0.004 min
Response: 98725337
Conc: 47.07 ng/ml



#14 Endrin

R.T.: 5.641 min
Delta R.T.: 0.004 min
Response: 197814137
Conc: 62.03 ng/ml



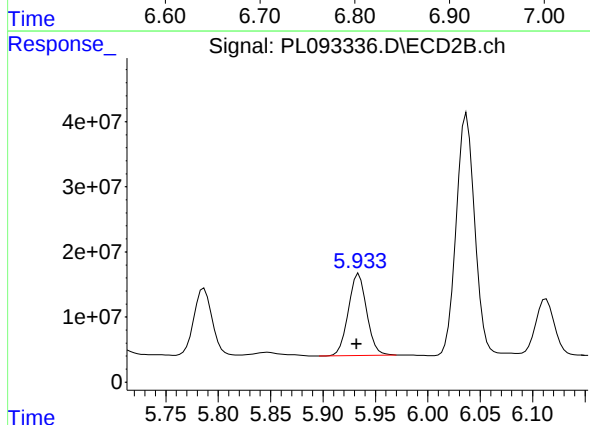
#15 Endosulfan II

R.T.: 6.796 min
Delta R.T.: 0.004 min
Response: 104319670
Conc: 47.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
ROLL-OFF-COMPMS

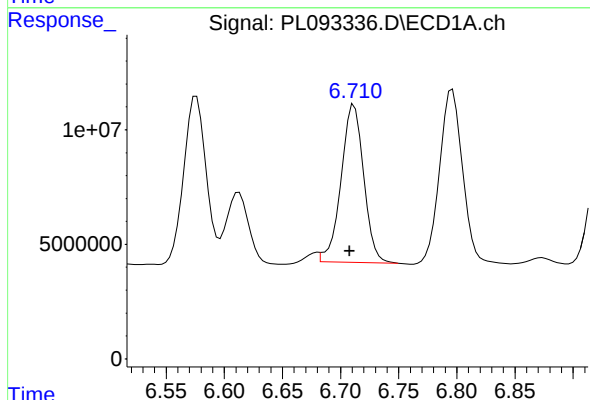
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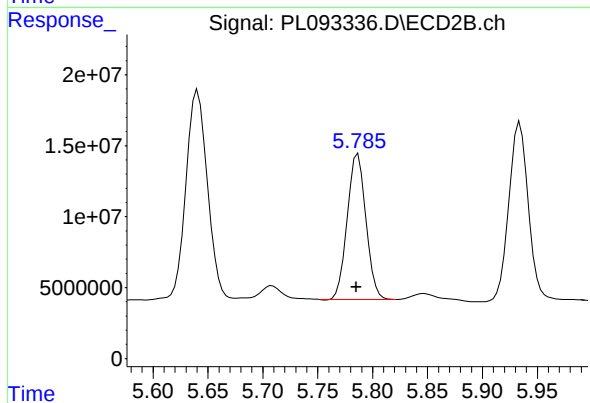
#15 Endosulfan II

R.T.: 5.934 min
Delta R.T.: 0.002 min
Response: 154204434
Conc: 48.66 ng/ml



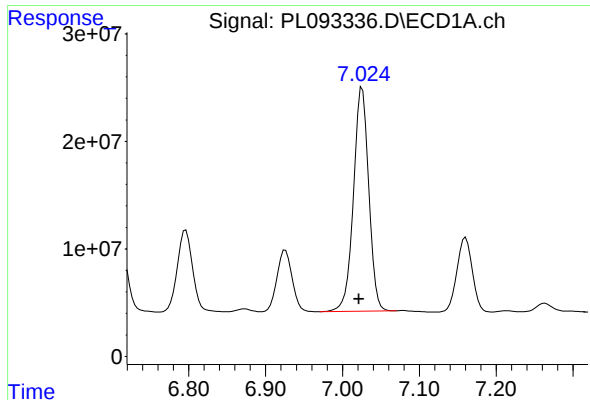
#16 4,4'-DDD

R.T.: 6.710 min
Delta R.T.: 0.003 min
Response: 92969400
Conc: 50.74 ng/ml m



#16 4,4'-DDD

R.T.: 5.787 min
Delta R.T.: 0.001 min
Response: 121566757
Conc: 43.36 ng/ml



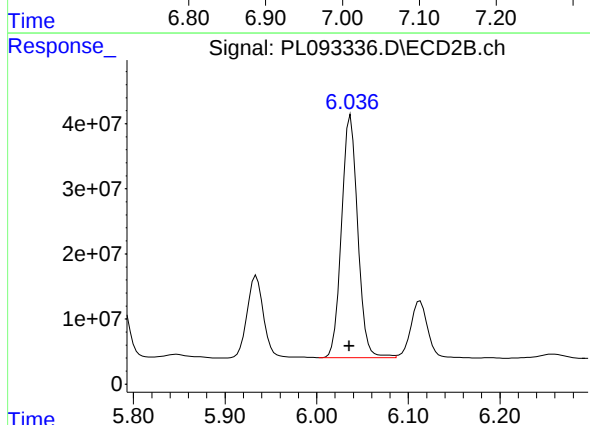
#17 4,4'-DDT

R.T.: 7.026 min
Delta R.T.: 0.004 min
Response: 287301684
Conc: 149.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
ROLL-OFF-COMPMS

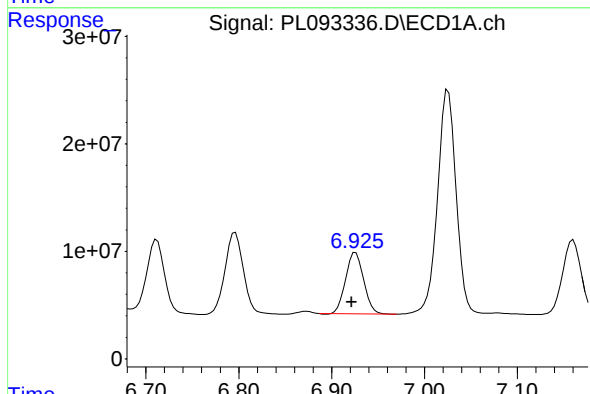
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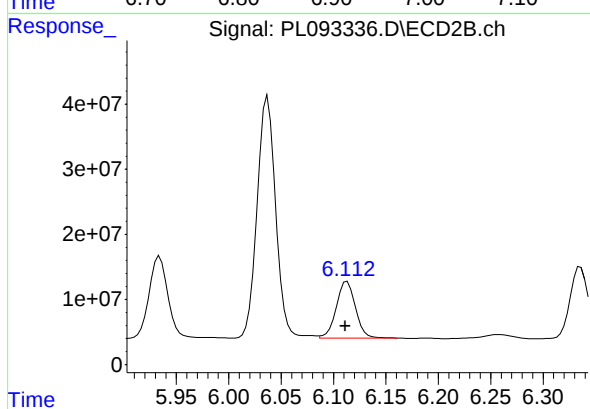
#17 4,4'-DDT

R.T.: 6.037 min
Delta R.T.: 0.002 min
Response: 458251109
Conc: 154.72 ng/ml



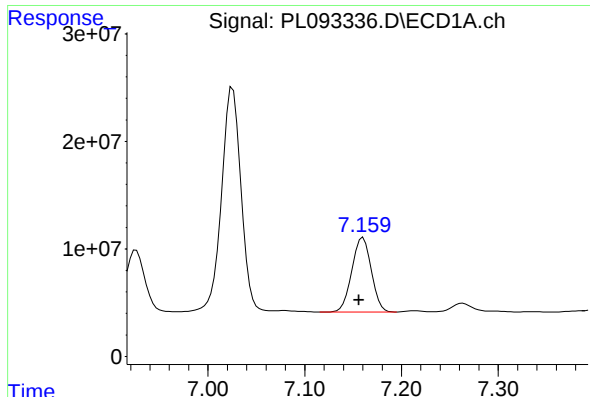
#18 Endrin aldehyde

R.T.: 6.926 min
Delta R.T.: 0.004 min
Response: 76995488
Conc: 42.62 ng/ml



#18 Endrin aldehyde

R.T.: 6.113 min
Delta R.T.: 0.002 min
Response: 110333461
Conc: 42.07 ng/ml



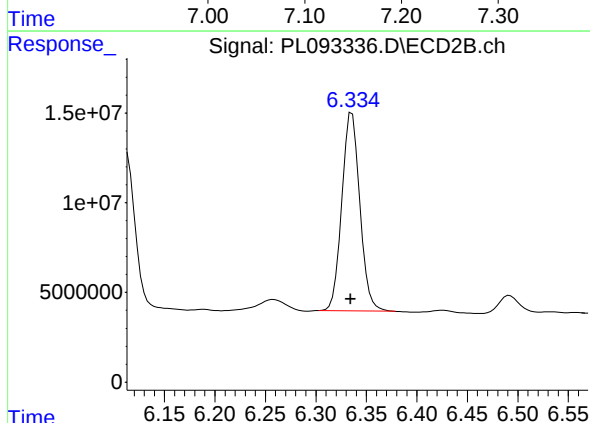
#19 Endosulfan Sulfate

R.T.: 7.160 min
Delta R.T.: 0.004 min
Response: 96318444
Conc: 46.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
ROLL-OFF-COMPMS

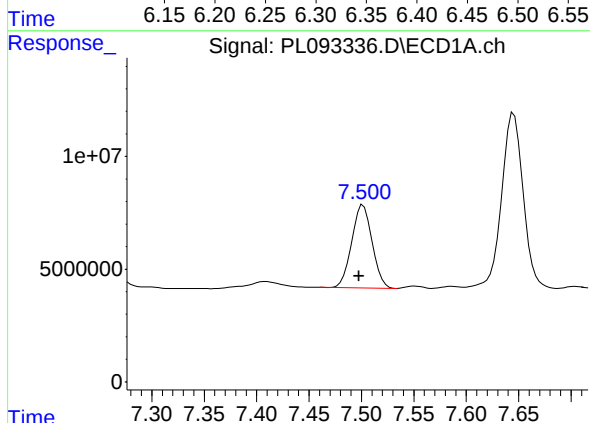
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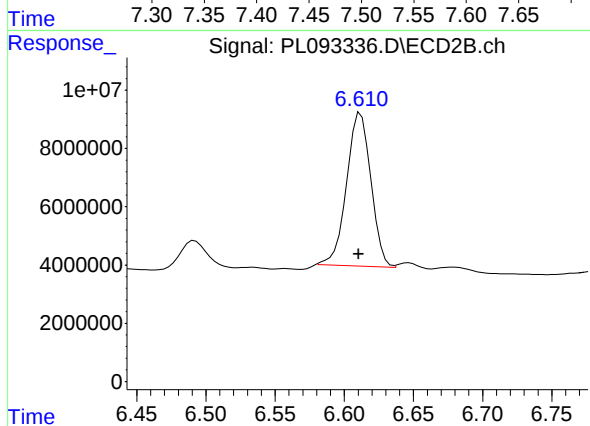
#19 Endosulfan Sulfate

R.T.: 6.336 min
Delta R.T.: 0.001 min
Response: 137687675
Conc: 45.30 ng/ml



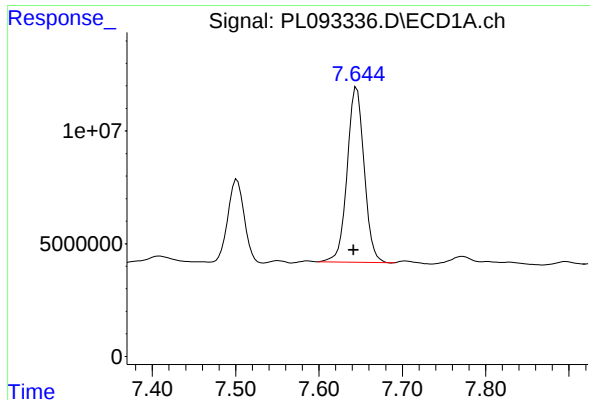
#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: 0.004 min
Response: 49981536
Conc: 47.83 ng/ml



#20 Methoxychlor

R.T.: 6.612 min
Delta R.T.: 0.001 min
Response: 64222145
Conc: 42.06 ng/ml



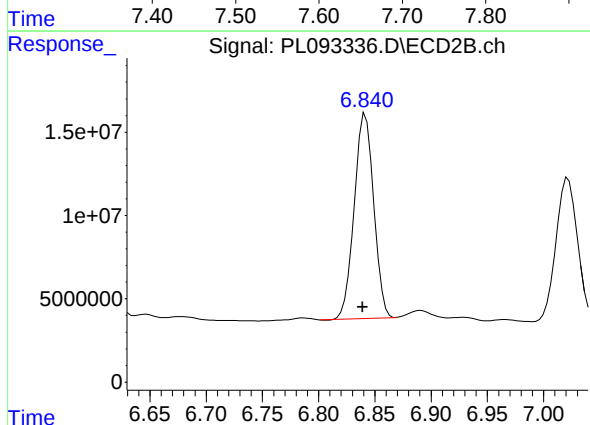
#21 Endrin ketone

R.T.: 7.645 min
Delta R.T.: 0.004 min
Response: 109352447
Conc: 48.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
ROLL-OFF-COMPMS

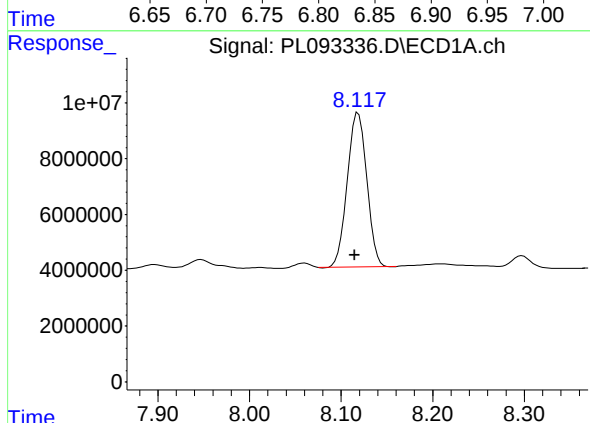
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/10/2024
Supervised By :Ankita Jodhani 12/10/2024



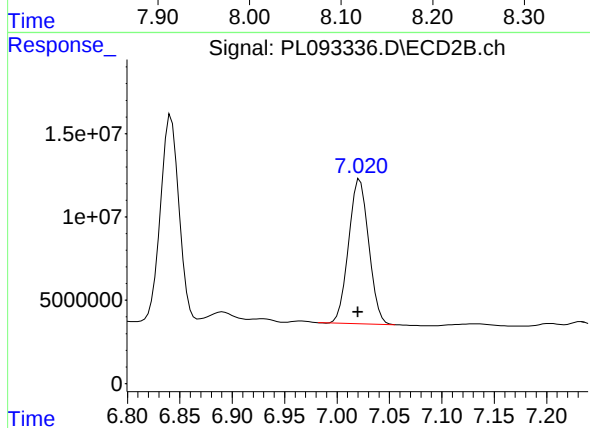
#21 Endrin ketone

R.T.: 6.842 min
Delta R.T.: 0.002 min
Response: 147670796
Conc: 43.99 ng/ml



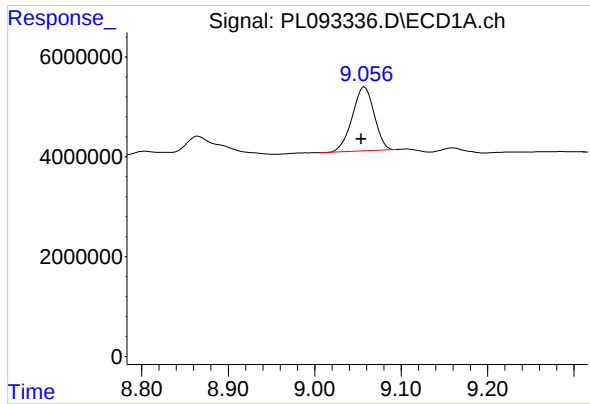
#22 Mirex

R.T.: 8.119 min
Delta R.T.: 0.004 min
Response: 82265005
Conc: 45.54 ng/ml



#22 Mirex

R.T.: 7.022 min
Delta R.T.: 0.002 min
Response: 116285771
Conc: 43.28 ng/ml



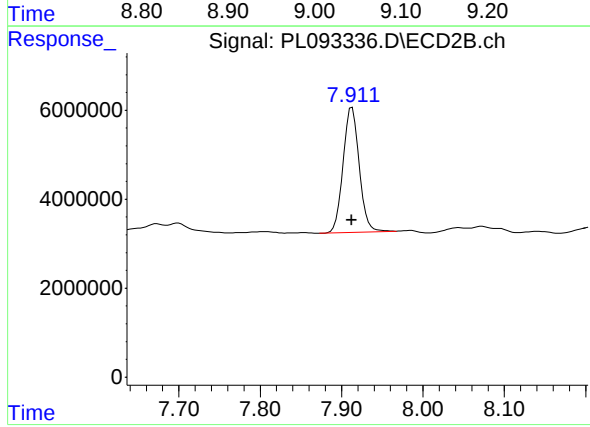
#28 Decachlorobiphenyl

R.T.: 9.058 min
Delta R.T.: 0.004 min
Response: 22521802
Conc: 12.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
ROLL-OFF-COMPMS

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 12/10/2024



#28 Decachlorobiphenyl

R.T.: 7.913 min
Delta R.T.: 0.000 min
Response: 38742810
Conc: 13.56 ng/ml