

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL123024\
 Data File : PL093566.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Dec 2024 13:27
 Operator : AR\AJ
 Sample : P5391-01MS 10X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 NB-07-12272024MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/31/2024
 Supervised By :Ankita Jodhani 12/31/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 31 02:22:25 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122324.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 24 15:29:41 2024
 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...	3.536	2.775	5945751	6551008	2.402m	2.250
28) SA Decachlor...	9.059	7.913	6883763	3748150	3.723	1.255m#
Target Compounds						
2) A alpha-BHC	3.993	3.277	21404108	22368513	6.200m	5.146
3) MA gamma-BHC...	4.327	3.607	19881480	20525868	6.062	4.865
4) MA Heptachlor	4.916	3.946	18513562	21913228	6.322	5.273
5) MB Aldrin	5.258	4.225	17821223	19609806	6.127	4.780
6) B beta-BHC	4.525	3.908	9337841	12013453	6.477	6.683
7) B delta-BHC	4.771	4.135	22104429	20650966	7.218m	4.883m#
8) B Heptachlo...	5.683	4.729	18784800	18921340	7.131m	4.942 #
9) A Endosulfan I	6.070	5.098	14035038	18905564	5.949	5.411m
10) B gamma-Chl...	5.939	4.978	14924154	21046339	5.939m	5.462m
11) B alpha-Chl...	6.019	5.041	15019772	20524616	6.001	5.391m
12) B 4,4'-DDE	6.193	5.232	13744710	18820588	6.125	5.118
13) MA Dieldrin	6.345	5.363	15088810	17628561	6.047	4.574
14) MA Endrin	6.574	5.638	12540580	16467325	5.826m	4.978m
15) B Endosulfa...	6.796	5.934	13374304	14245824	5.883	4.385 #
16) A 4,4'-DDD	6.710	5.787	11758158	13040471	6.696m	4.608 #
17) MA 4,4'-DDT	7.025	6.037	10475373	10654720	5.667	3.528 #
18) B Endrin al...	6.925	6.113	9906961	10772260	5.583	4.000 #
19) B Endosulfa...	7.160	6.336	12420373	14116666	6.152	4.475 #
20) A Methoxychlor	7.502	6.612	5812607	6789510	5.814	4.218 #
21) B Endrin ke...	7.645	6.841	12236063	14172249	5.453	3.893 #
22) Mirex	8.119	7.021	9344446	11494127	5.000	3.761m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL123024\
 Data File : PL093566.D
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 Acq On : 30 Dec 2024 13:27
 Operator : AR\AJ
 Sample : P5391-01MS 10X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

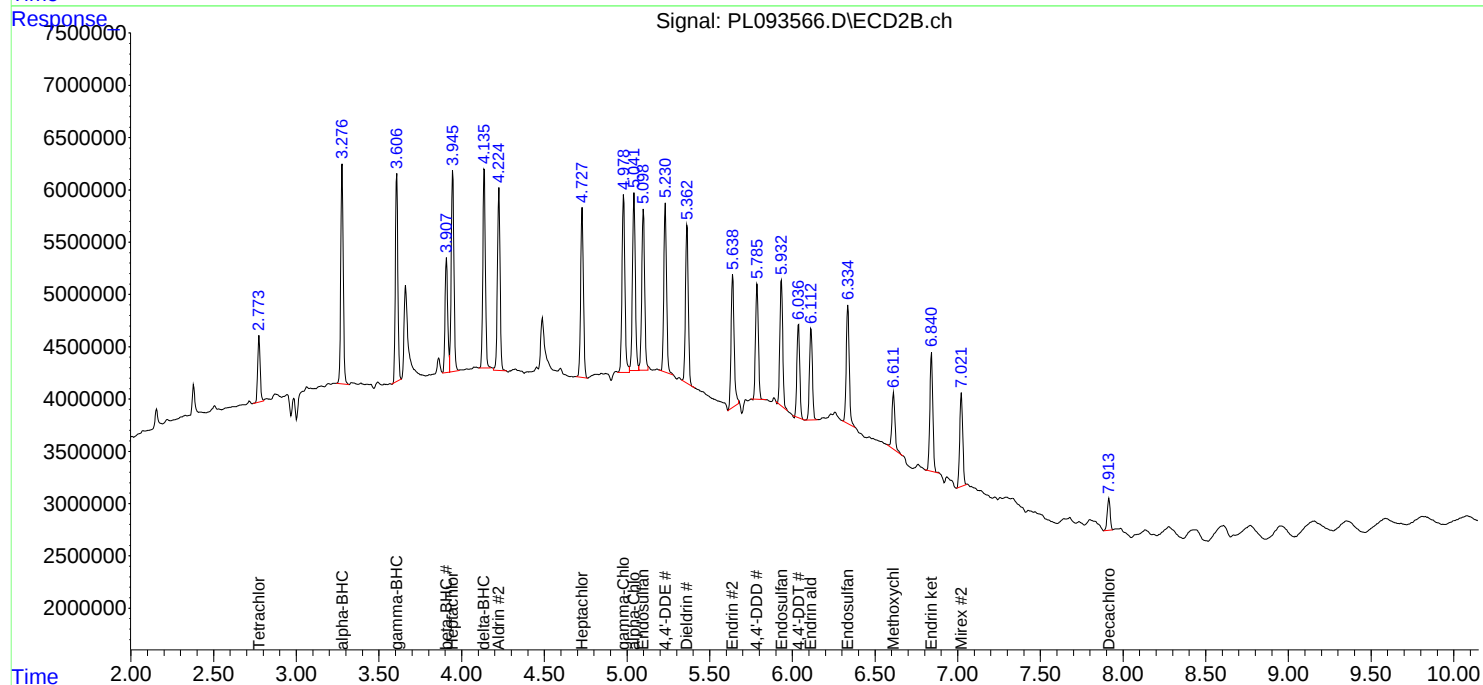
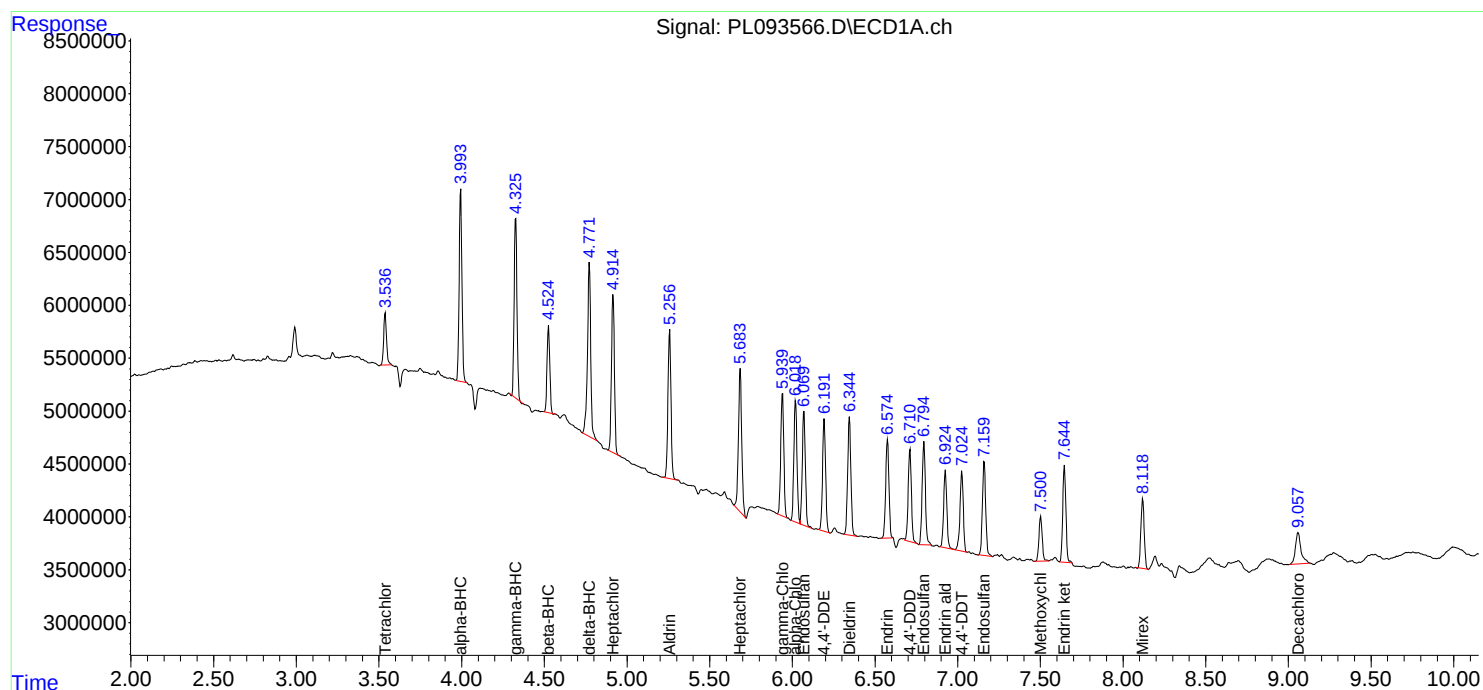
Instrument :
 ECD_L
 ClientSampleId :
 NB-07-12272024MS

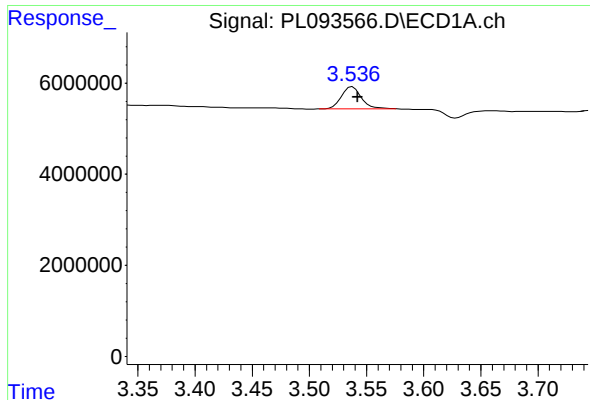
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 Supervised By :Ankita Jodhani 12/31/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 31 02:22:25 2024
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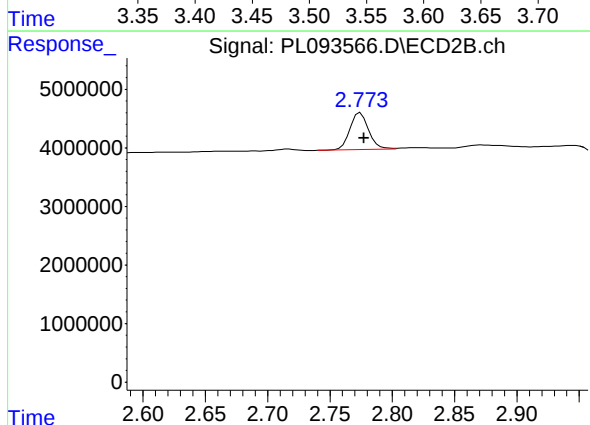
#1 Tetrachloro-m-xylene

R.T.: 3.536 min
Delta R.T.: -0.006 min
Response: 5945751
Conc: 2.40 ng/ml

Instrument :
ECD_L
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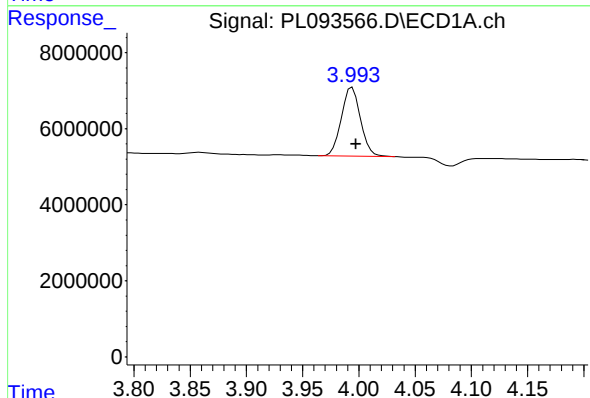
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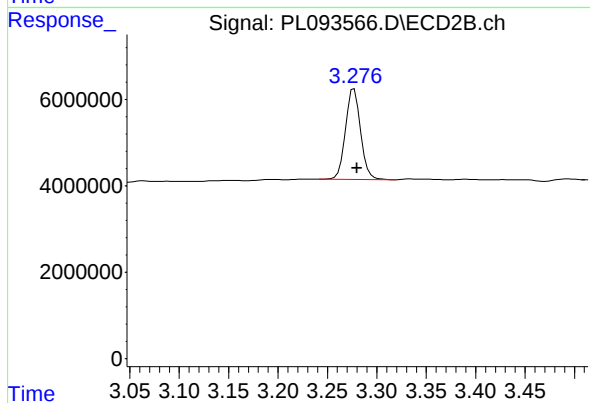
#1 Tetrachloro-m-xylene

R.T.: 2.775 min
Delta R.T.: -0.003 min
Response: 6551008
Conc: 2.25 ng/ml



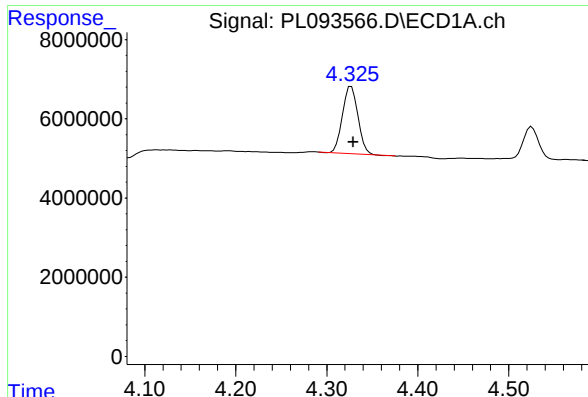
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: -0.005 min
Response: 21404108
Conc: 6.20 ng/ml m



#2 alpha-BHC

R.T.: 3.277 min
Delta R.T.: -0.003 min
Response: 22368513
Conc: 5.15 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.327 min
Delta R.T.: -0.002 min
Response: 19881480
Conc: 6.06 ng/ml

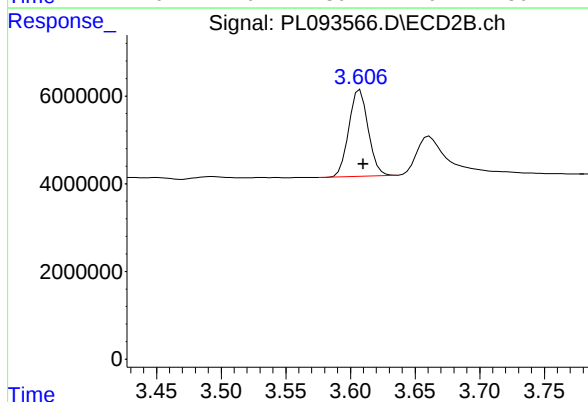
Instrument :

ECD_L

ClientSampleId :
NB-07-12272024MS

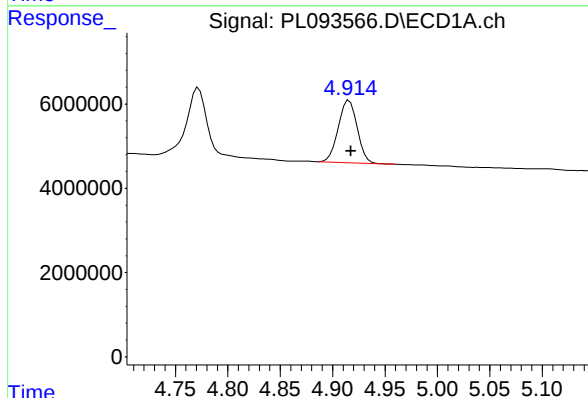
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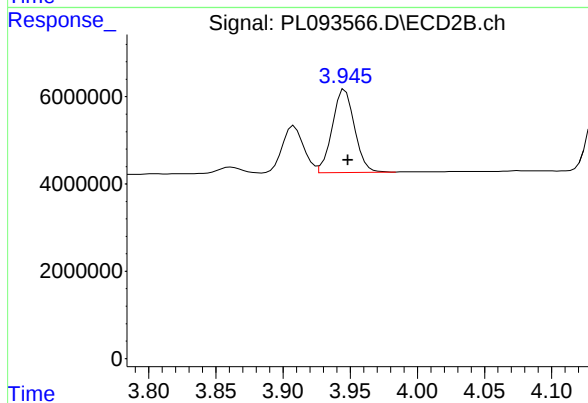
#3 gamma-BHC (Lindane)

R.T.: 3.607 min
Delta R.T.: -0.002 min
Response: 20525868
Conc: 4.86 ng/ml



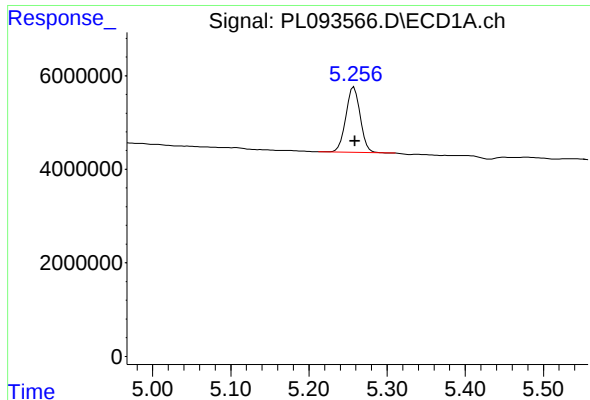
#4 Heptachlor

R.T.: 4.916 min
Delta R.T.: -0.002 min
Response: 18513562
Conc: 6.32 ng/ml



#4 Heptachlor

R.T.: 3.946 min
Delta R.T.: -0.002 min
Response: 21913228
Conc: 5.27 ng/ml



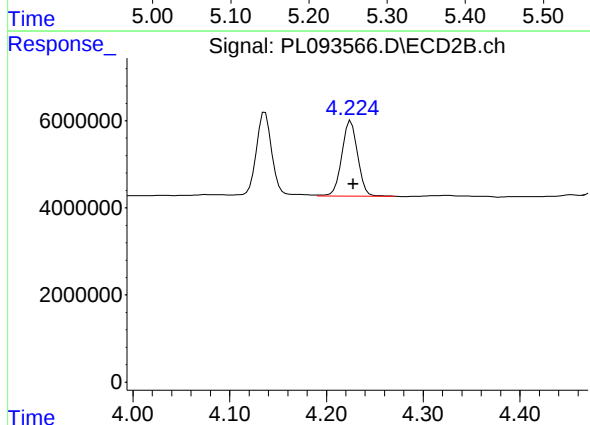
#5 Aldrin

R.T.: 5.258 min
Delta R.T.: -0.001 min
Response: 17821223
Conc: 6.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
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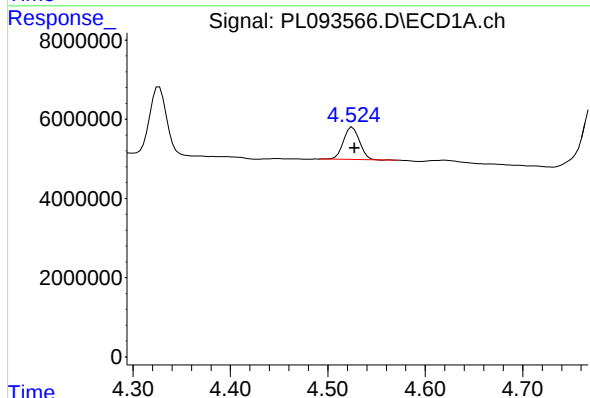
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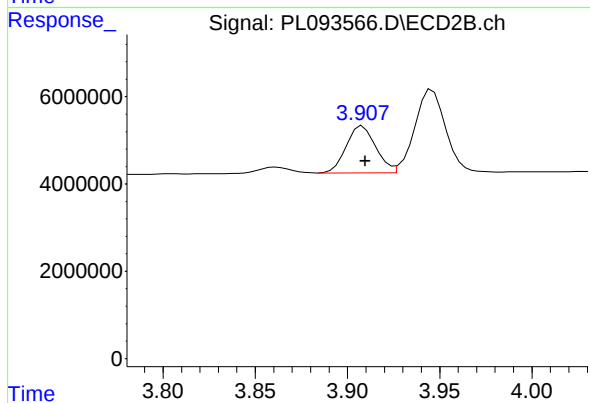
#5 Aldrin

R.T.: 4.225 min
Delta R.T.: -0.002 min
Response: 19609806
Conc: 4.78 ng/ml



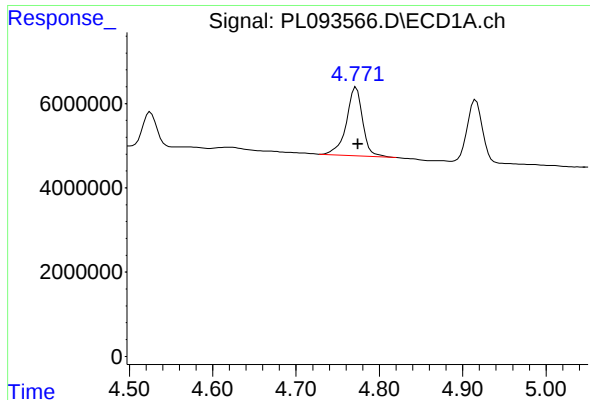
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: -0.002 min
Response: 9337841
Conc: 6.48 ng/ml



#6 beta-BHC

R.T.: 3.908 min
Delta R.T.: -0.001 min
Response: 12013453
Conc: 6.68 ng/ml



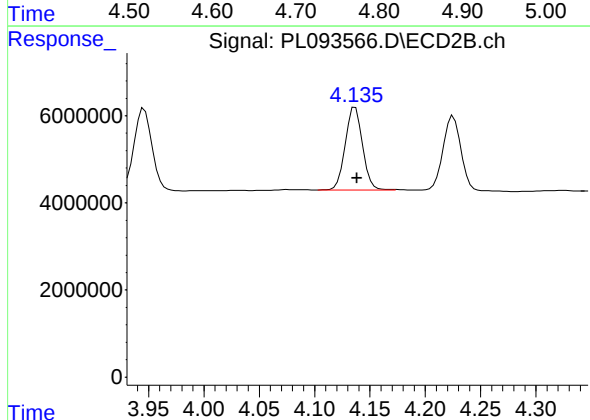
#7 delta-BHC

R.T.: 4.771 min
Delta R.T.: -0.004 min
Response: 22104429
Conc: 7.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-07-12272024MS

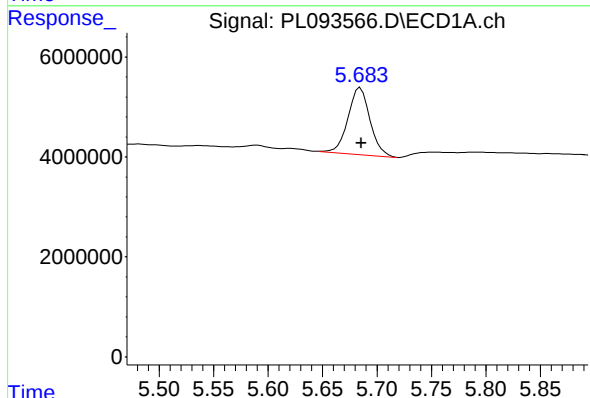
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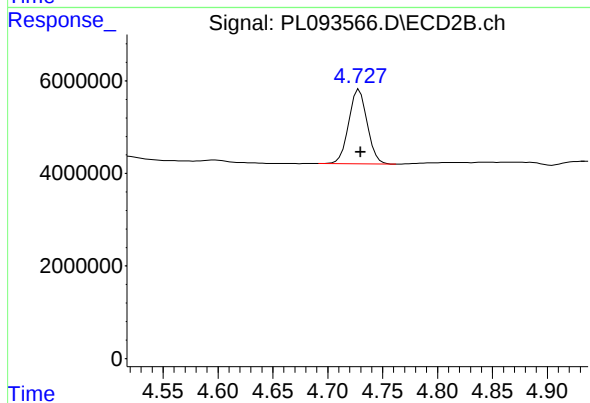
#7 delta-BHC

R.T.: 4.135 min
Delta R.T.: -0.003 min
Response: 20650966
Conc: 4.88 ng/ml m



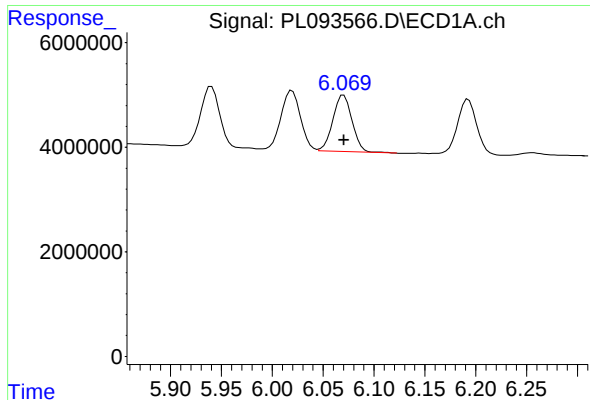
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: -0.002 min
Response: 18784800
Conc: 7.13 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.729 min
Delta R.T.: -0.002 min
Response: 18921340
Conc: 4.94 ng/ml



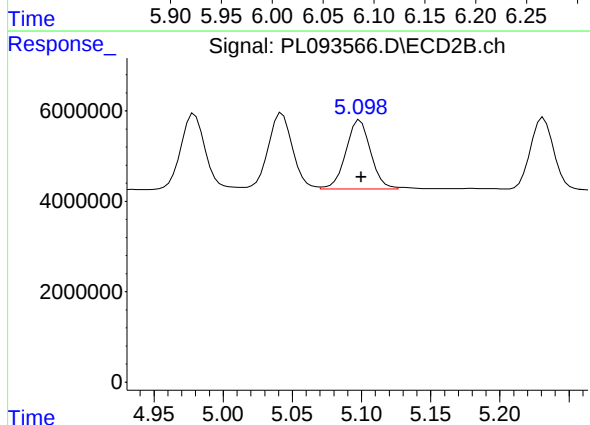
#9 Endosulfan I

R.T.: 6.070 min
Delta R.T.: 0.000 min
Response: 14035038
Conc: 5.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-07-12272024MS

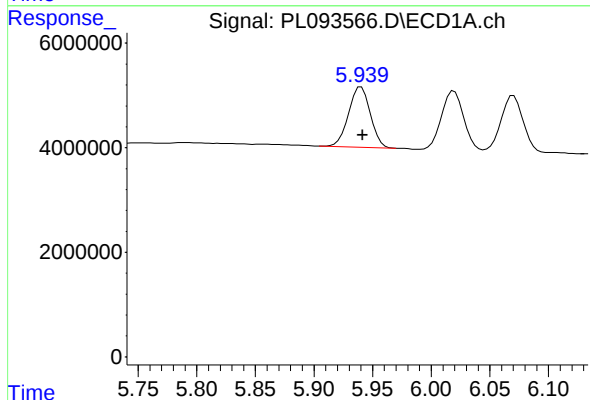
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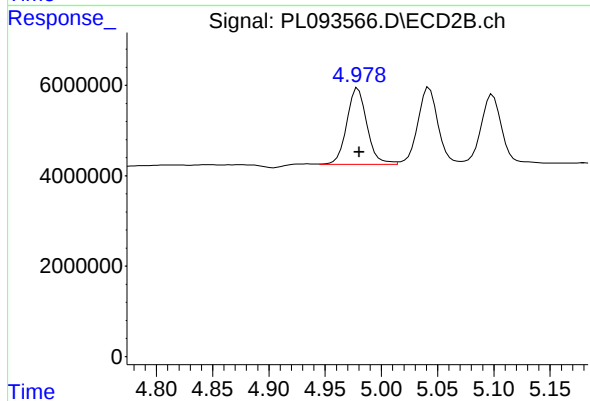
#9 Endosulfan I

R.T.: 5.098 min
Delta R.T.: -0.002 min
Response: 18905564
Conc: 5.41 ng/ml m



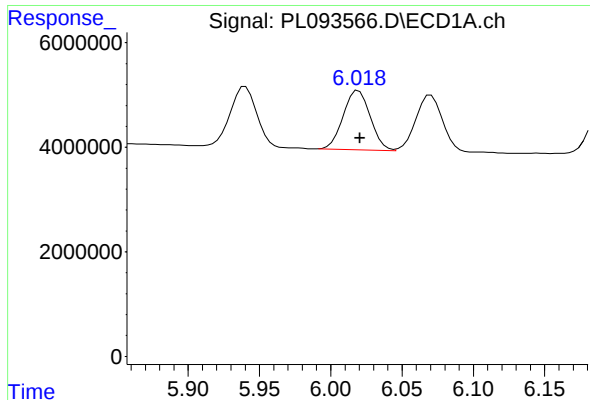
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: -0.003 min
Response: 14924154
Conc: 5.94 ng/ml m



#10 gamma-Chlordane

R.T.: 4.978 min
Delta R.T.: -0.003 min
Response: 21046339
Conc: 5.46 ng/ml m



#11 alpha-Chlordane

R.T.: 6.019 min
Delta R.T.: -0.001 min
Response: 15019772
Conc: 6.00 ng/ml

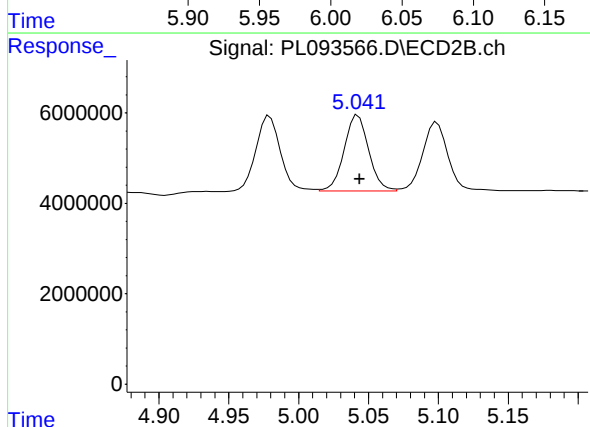
Instrument :

ECD_L

ClientSampleId :
NB-07-12272024MS

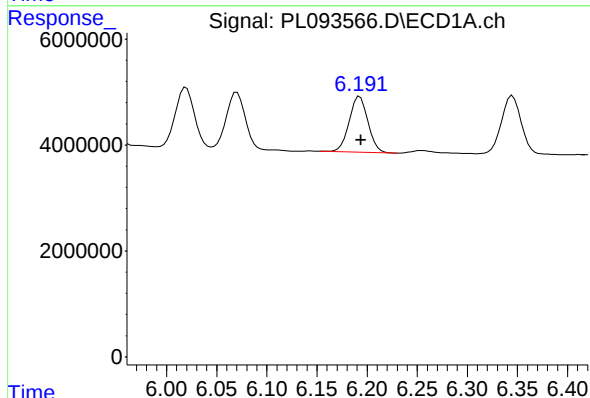
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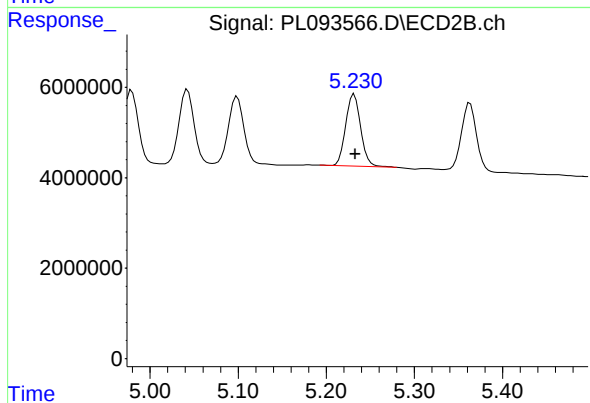
#11 alpha-Chlordane

R.T.: 5.041 min
Delta R.T.: -0.003 min
Response: 20524616
Conc: 5.39 ng/ml m



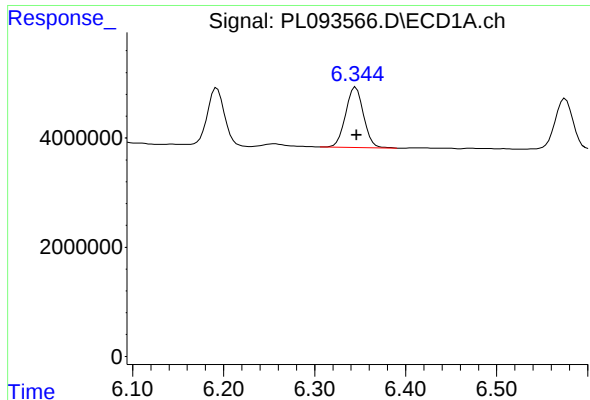
#12 4,4'-DDE

R.T.: 6.193 min
Delta R.T.: -0.001 min
Response: 13744710
Conc: 6.13 ng/ml



#12 4,4'-DDE

R.T.: 5.232 min
Delta R.T.: -0.001 min
Response: 18820588
Conc: 5.12 ng/ml



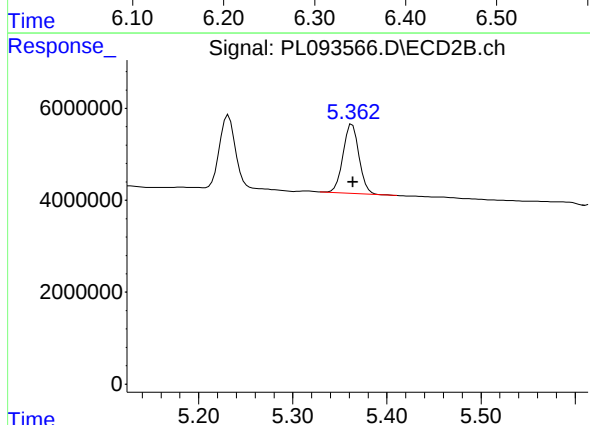
#13 Dieldrin

R.T.: 6.345 min
Delta R.T.: 0.000 min
Response: 15088810
Conc: 6.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
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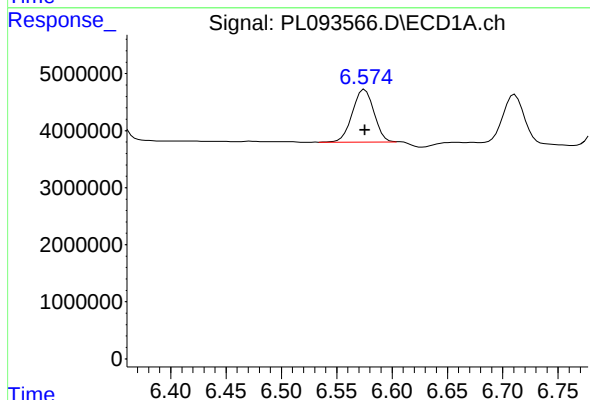
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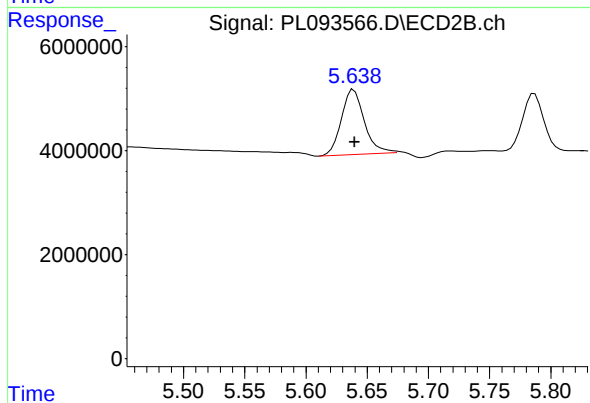
#13 Dieldrin

R.T.: 5.363 min
Delta R.T.: -0.001 min
Response: 17628561
Conc: 4.57 ng/ml



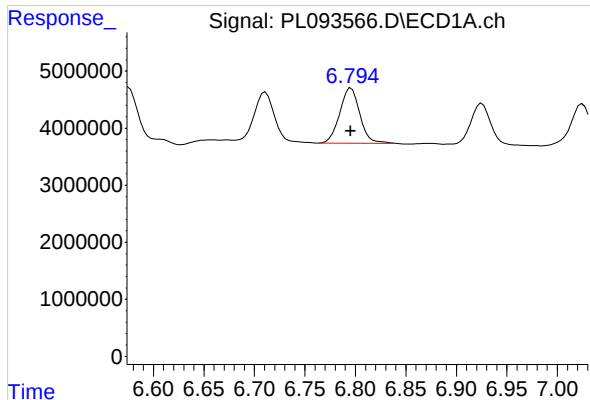
#14 Endrin

R.T.: 6.574 min
Delta R.T.: -0.001 min
Response: 12540580
Conc: 5.83 ng/ml m



#14 Endrin

R.T.: 5.638 min
Delta R.T.: -0.002 min
Response: 16467325
Conc: 4.98 ng/ml m



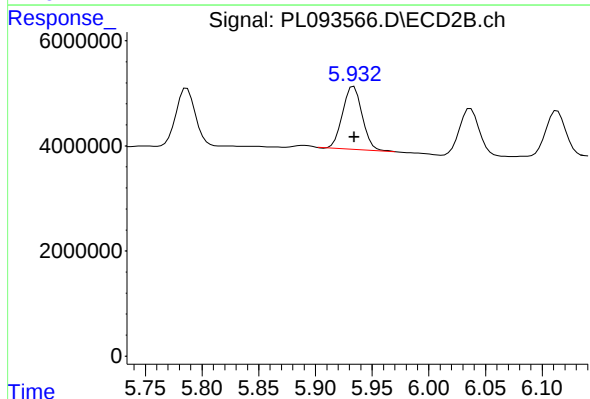
#15 Endosulfan II

R.T.: 6.796 min
Delta R.T.: 0.000 min
Response: 13374304
Conc: 5.88 ng/ml

Instrument :
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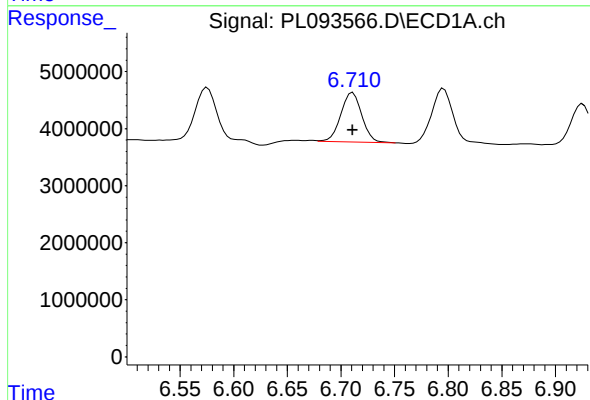
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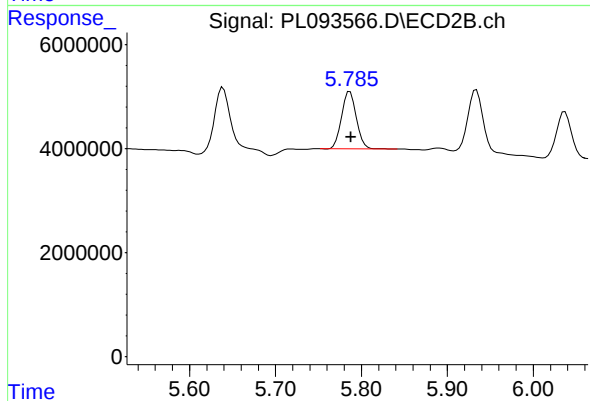
#15 Endosulfan II

R.T.: 5.934 min
Delta R.T.: 0.000 min
Response: 14245824
Conc: 4.38 ng/ml



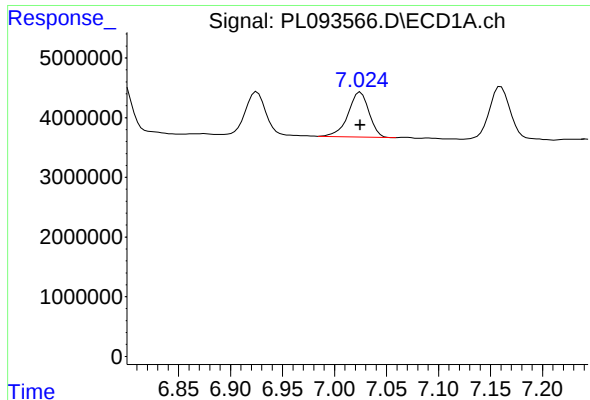
#16 4,4'-DDD

R.T.: 6.710 min
Delta R.T.: -0.001 min
Response: 11758158
Conc: 6.70 ng/ml m



#16 4,4'-DDD

R.T.: 5.787 min
Delta R.T.: -0.001 min
Response: 13040471
Conc: 4.61 ng/ml



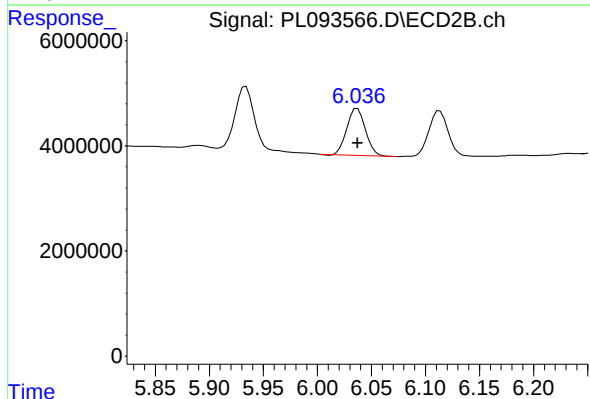
#17 4,4'-DDT

R.T.: 7.025 min
Delta R.T.: 0.000 min
Response: 10475373
Conc: 5.67 ng/ml

Instrument :
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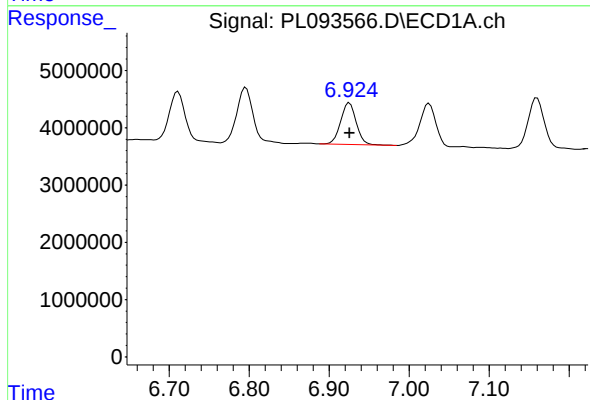
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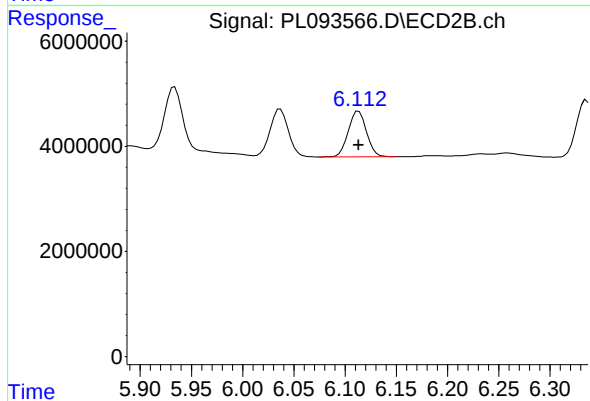
#17 4,4'-DDT

R.T.: 6.037 min
Delta R.T.: 0.000 min
Response: 10654720
Conc: 3.53 ng/ml



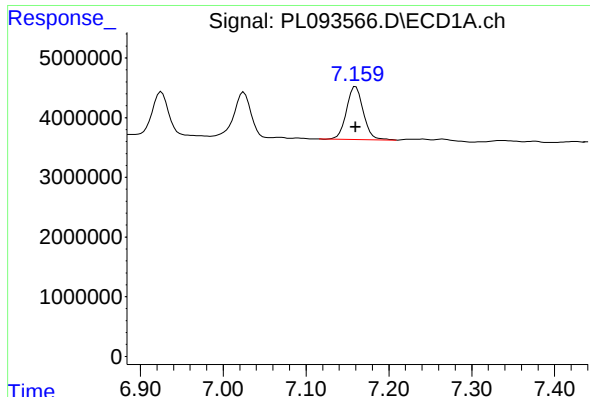
#18 Endrin aldehyde

R.T.: 6.925 min
Delta R.T.: 0.000 min
Response: 9906961
Conc: 5.58 ng/ml



#18 Endrin aldehyde

R.T.: 6.113 min
Delta R.T.: 0.000 min
Response: 10772260
Conc: 4.00 ng/ml



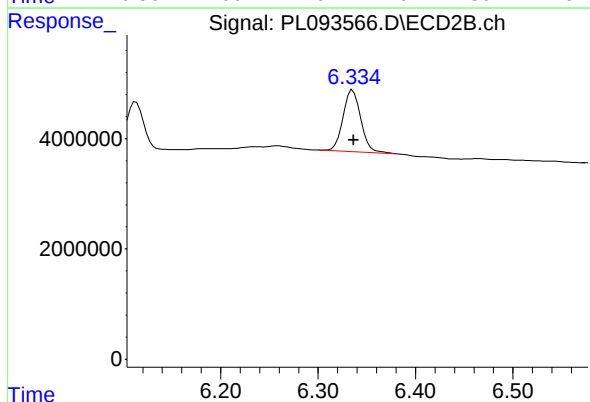
#19 Endosulfan Sulfate

R.T.: 7.160 min
Delta R.T.: 0.000 min
Response: 12420373
Conc: 6.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
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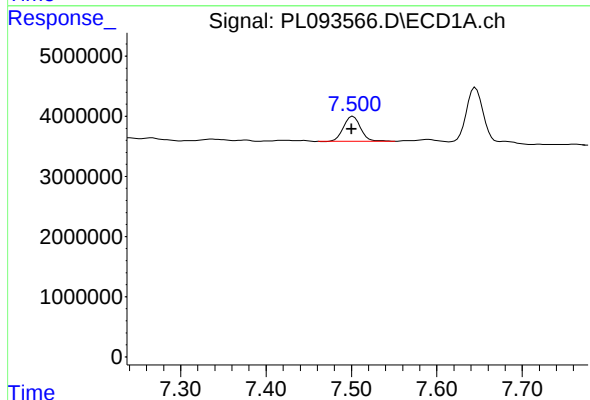
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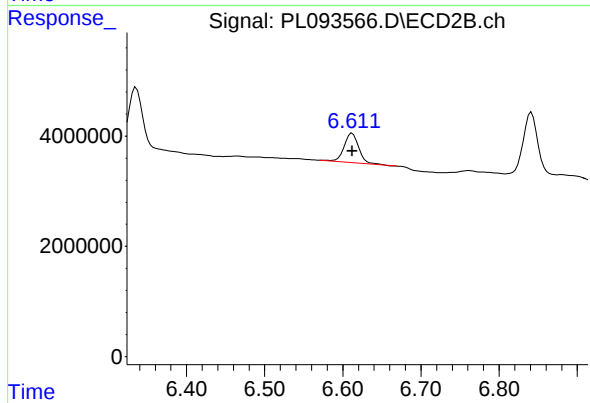
#19 Endosulfan Sulfate

R.T.: 6.336 min
Delta R.T.: 0.000 min
Response: 14116666
Conc: 4.48 ng/ml



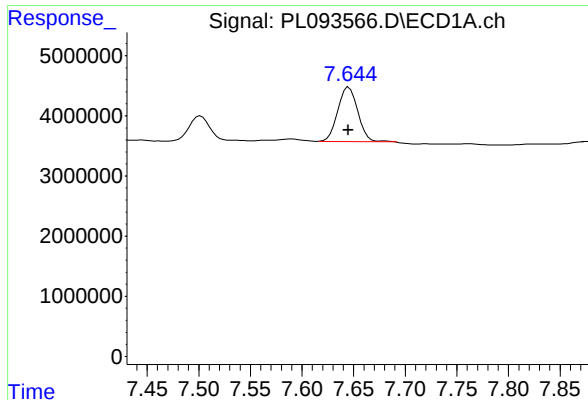
#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: 0.001 min
Response: 5812607
Conc: 5.81 ng/ml



#20 Methoxychlor

R.T.: 6.612 min
Delta R.T.: 0.000 min
Response: 6789510
Conc: 4.22 ng/ml



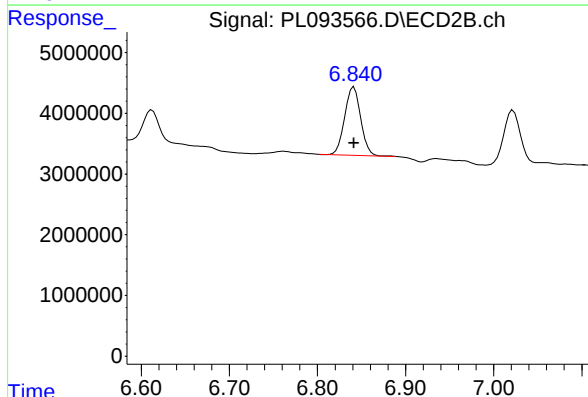
#21 Endrin ketone

R.T.: 7.645 min
Delta R.T.: 0.000 min
Response: 12236063
Conc: 5.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-07-12272024MS

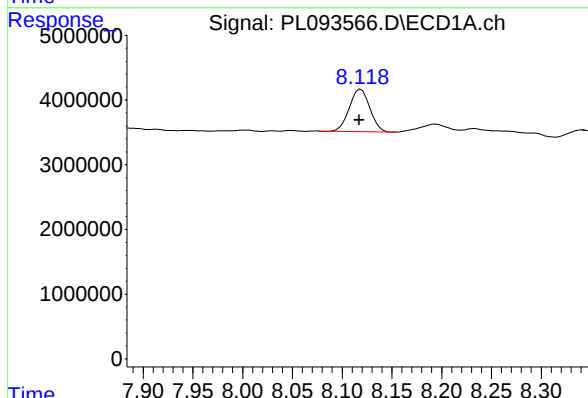
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/31/2024
Supervised By :Ankita Jodhani 12/31/2024



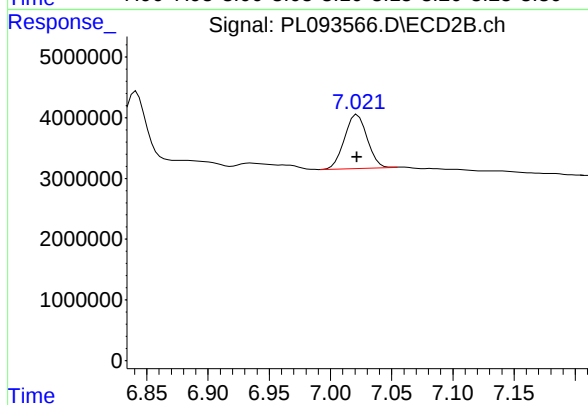
#21 Endrin ketone

R.T.: 6.841 min
Delta R.T.: 0.000 min
Response: 14172249
Conc: 3.89 ng/ml



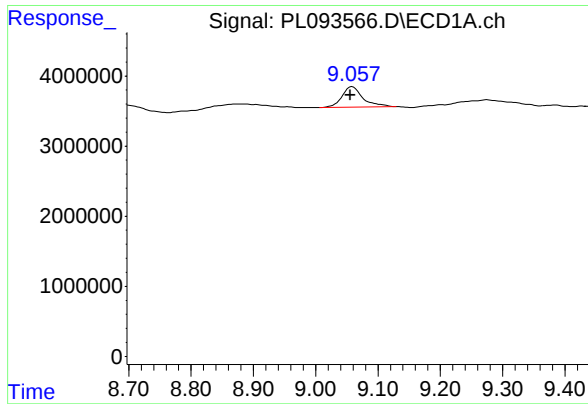
#22 Mirex

R.T.: 8.119 min
Delta R.T.: 0.002 min
Response: 9344446
Conc: 5.00 ng/ml



#22 Mirex

R.T.: 7.021 min
Delta R.T.: 0.000 min
Response: 11494127
Conc: 3.76 ng/ml m



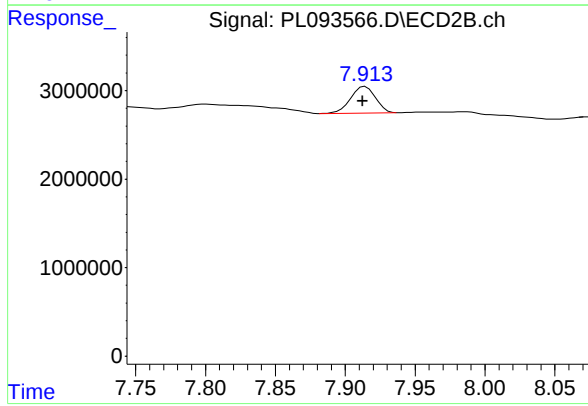
#28 Decachlorobiphenyl

R.T.: 9.059 min
Delta R.T.: 0.003 min
Response: 6883763
Conc: 3.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
NB-07-12272024MS

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#28 Decachlorobiphenyl

R.T.: 7.913 min
Delta R.T.: 0.000 min
Response: 3748150
Conc: 1.26 ng/ml m