

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081524\
 Data File : PL091121.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Aug 2024 19:40
 Operator : AR\AJ
 Sample : PB162721BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB162721BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/19/2024
 Supervised By :Ankita Jodhani 08/19/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 16 07:25:20 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL081324.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 14 13:09:19 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...	3.544	2.785	38942872	35915800	18.137	18.400
28)	SA Decachlor...	9.055	7.925	31505624	38807282	20.666	20.488
Target Compounds							
2)	A alpha-BHC	4.000	3.288	145.9E6	145.4E6	48.655	52.414
3)	MA gamma-BHC...	4.332	3.619	138.8E6	137.6E6	48.384	52.223
4)	MA Heptachlor	4.921	3.958	129.6E6	137.2E6	48.658	53.105
5)	MB Aldrin	5.262	4.237	124.5E6	135.2E6	48.232	54.982m
6)	B beta-BHC	4.528	3.917	62485542	60225757	46.205	51.166
7)	B delta-BHC	4.776	4.147	129.5E6	139.7E6	47.579	55.107
8)	B Heptachlo...	5.686	4.741	142.1E6	117.1E6	58.076m	51.920
9)	A Endosulfan I	6.072	5.110	110.3E6	85529017	49.134m	40.532
10)	B gamma-Chl...	5.942	4.990	117.7E6	122.5E6	48.688m	51.812m
11)	B alpha-Chl...	6.022	5.055	113.4E6	122.0E6	47.104m	51.855
12)	B 4,4'-DDE	6.194	5.242	102.5E6	113.8E6	49.002m	54.485m
13)	MA Dieldrin	6.347	5.374	113.5E6	122.1E6	48.173m	53.608m
14)	MA Endrin	6.577	5.651	96117675	124.7E6	49.565	61.210
15)	B Endosulfa...	6.797	5.944	104.1E6	102.1E6	51.440	52.795
16)	A 4,4'-DDD	6.712	5.799	85782113	84305256	56.758	51.070
17)	MA 4,4'-DDT	7.025	6.048	92956815	99554824	52.368m	56.043
18)	B Endrin al...	6.926	6.124	78112818	81529762	48.930	52.340
19)	B Endosulfa...	7.161	6.346	94015271	99578010	49.001	51.648
20)	A Methoxychlor	7.499	6.624	73698432	54316212	78.381m	54.700 #
21)	B Endrin ke...	7.645	6.850	102.7E6	229.6E6	48.915	105.423m#
22)	Mirex	8.119	7.032	88160528	92209819	51.824	49.404m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081524\
Data File : PL091121.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Aug 2024 19:40
Operator : AR\AJ
Sample : PB162721BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

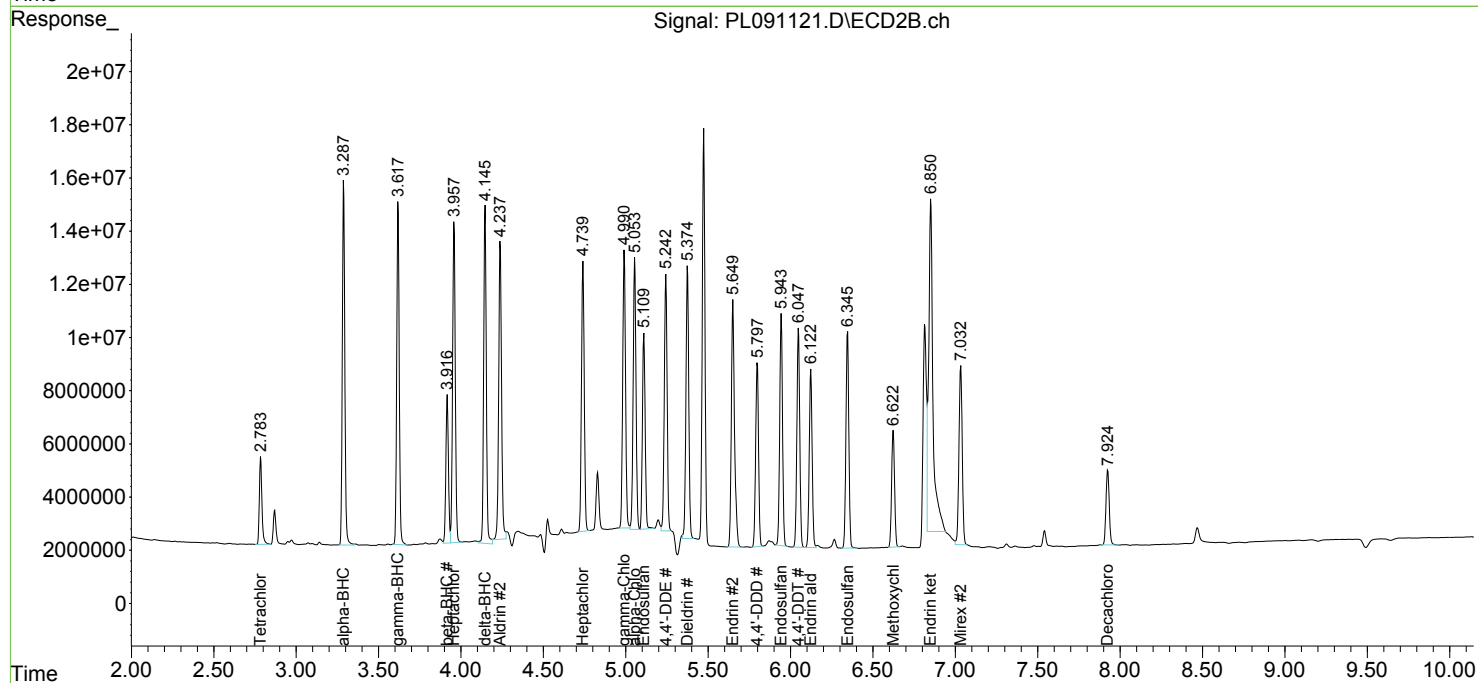
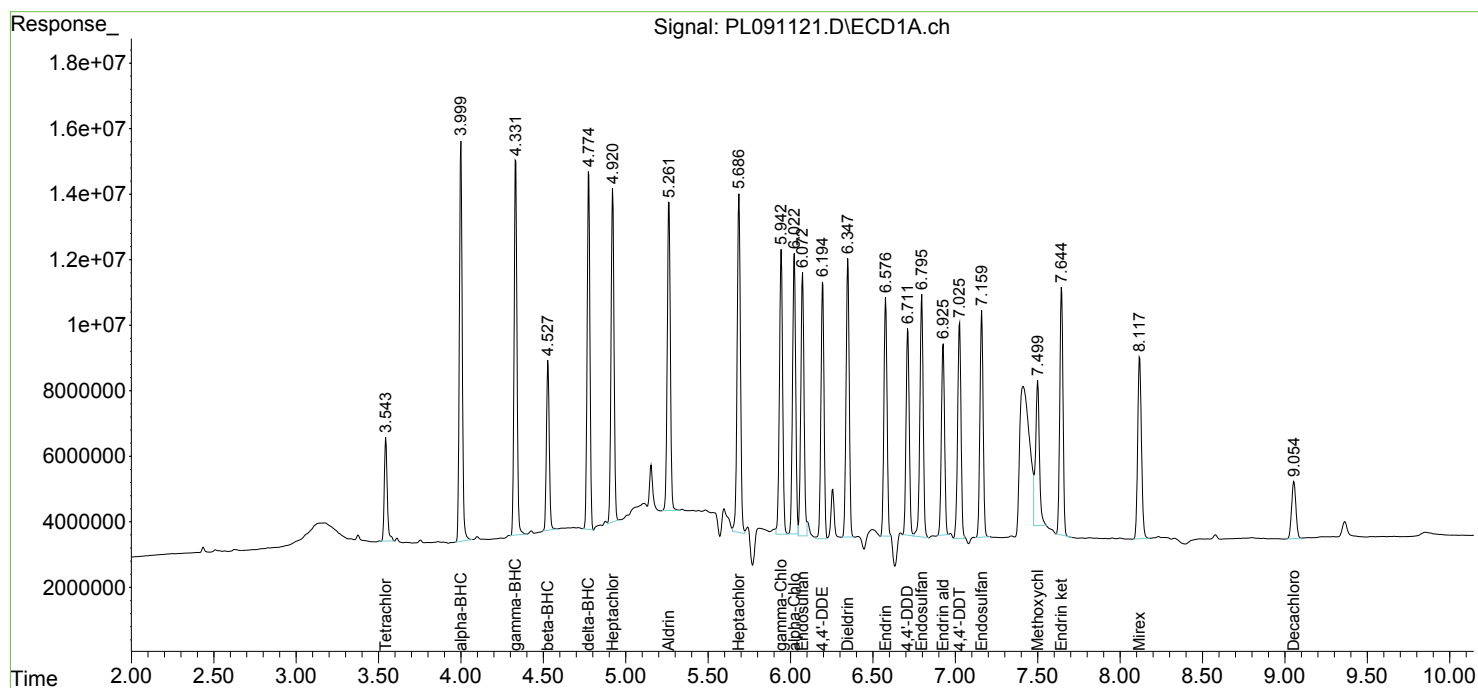
Instrument :
ECD_L
ClientSampleId :
PB162721BS

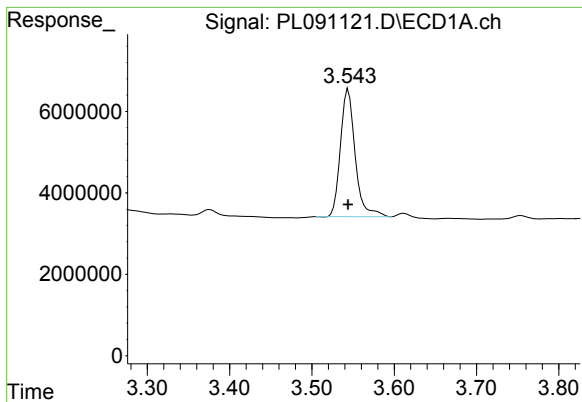
Manual Integrations
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Supervised By :Ankita Jodhani 08/19/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 16 07:25:20 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL081324.M
Quant Title : GC Extractables
QLast Update : Wed Aug 14 13:09:19 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





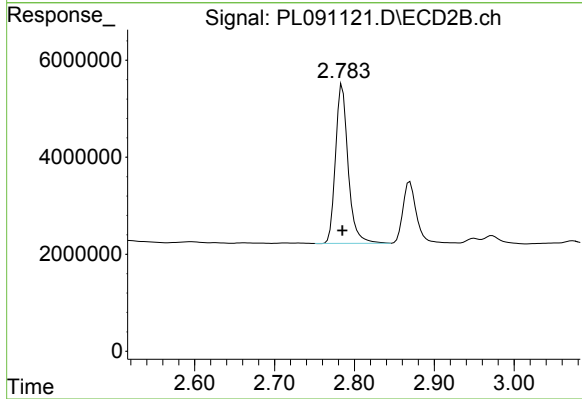
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: 0.000 min
Response: 38942872
Conc: 18.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162721BS

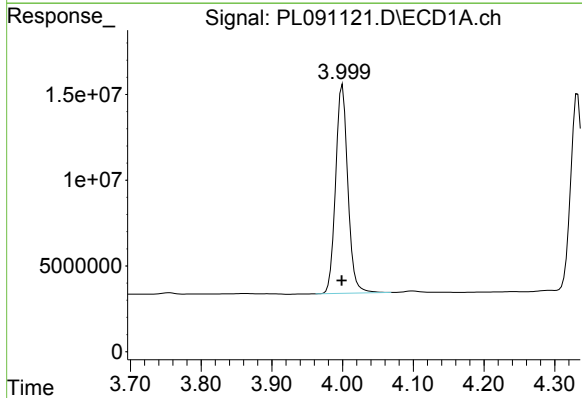
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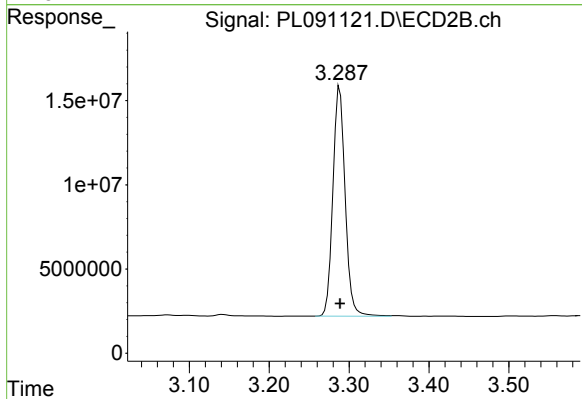
#1 Tetrachloro-m-xylene

R.T.: 2.785 min
Delta R.T.: 0.000 min
Response: 35915800
Conc: 18.40 ng/ml



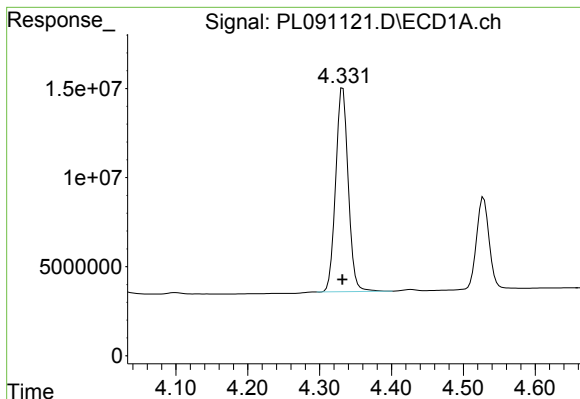
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.000 min
Response: 145858194
Conc: 48.65 ng/ml



#2 alpha-BHC

R.T.: 3.288 min
Delta R.T.: 0.000 min
Response: 145368011
Conc: 52.41 ng/ml



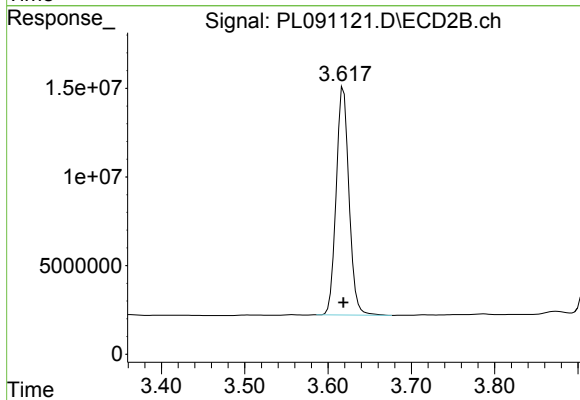
#3 gamma-BHC (Lindane)

R.T.: 4.332 min
Delta R.T.: 0.000 min
Response: 138796194
Conc: 48.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162721BS

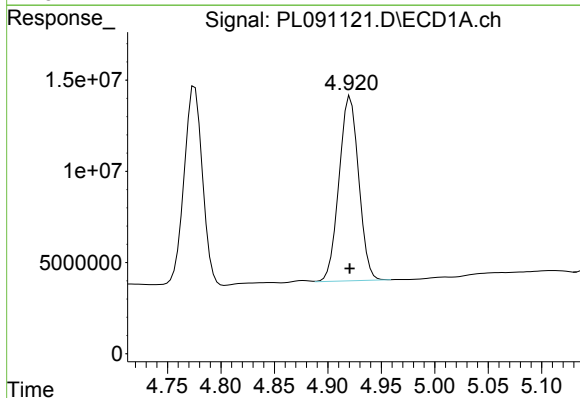
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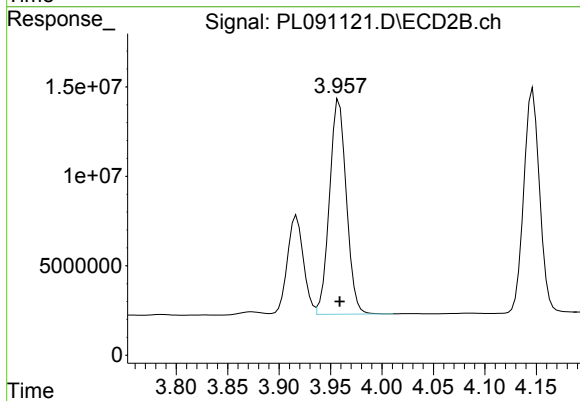
#3 gamma-BHC (Lindane)

R.T.: 3.619 min
Delta R.T.: 0.000 min
Response: 137552834
Conc: 52.22 ng/ml



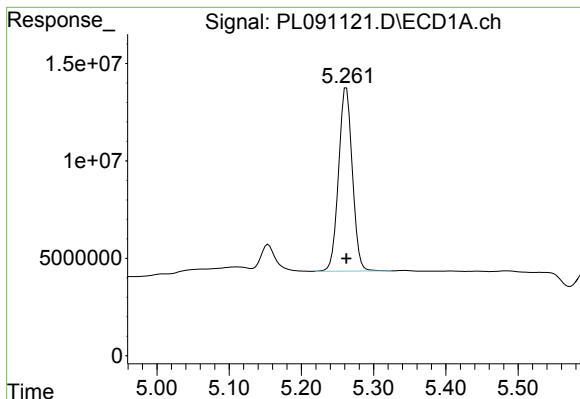
#4 Heptachlor

R.T.: 4.921 min
Delta R.T.: 0.000 min
Response: 129576212
Conc: 48.66 ng/ml



#4 Heptachlor

R.T.: 3.958 min
Delta R.T.: 0.000 min
Response: 137155435
Conc: 53.11 ng/ml



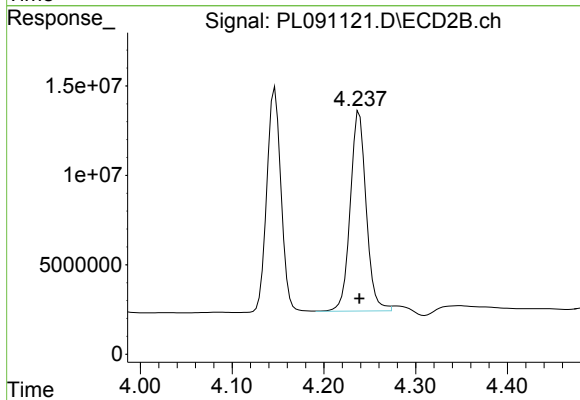
#5 Aldrin

R.T.: 5.262 min
Delta R.T.: 0.000 min
Response: 124480159
Conc: 48.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162721BS

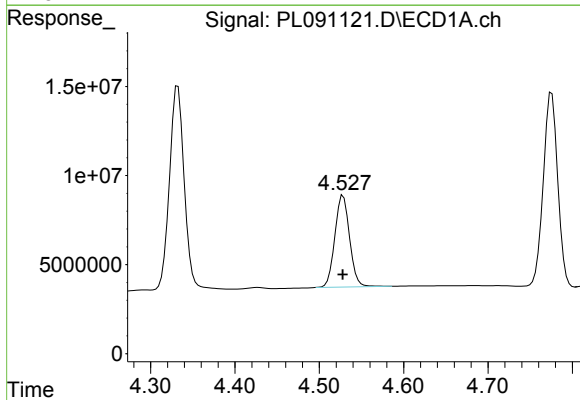
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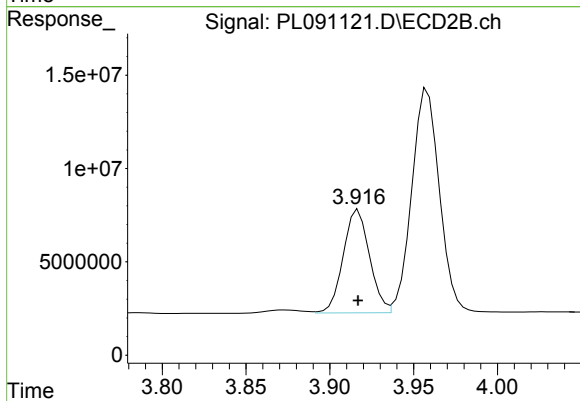
#5 Aldrin

R.T.: 4.237 min
Delta R.T.: -0.002 min
Response: 135209433
Conc: 54.98 ng/ml m



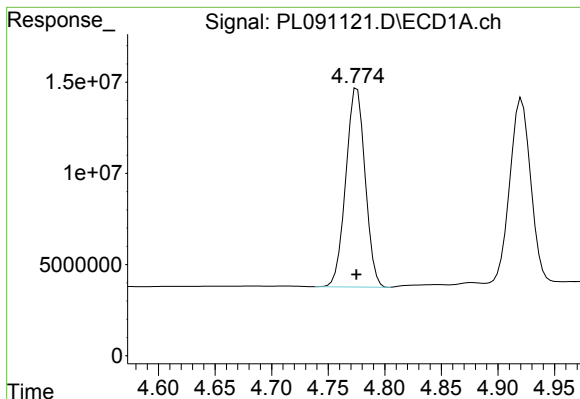
#6 beta-BHC

R.T.: 4.528 min
Delta R.T.: 0.000 min
Response: 62485542
Conc: 46.20 ng/ml



#6 beta-BHC

R.T.: 3.917 min
Delta R.T.: 0.000 min
Response: 60225757
Conc: 51.17 ng/ml



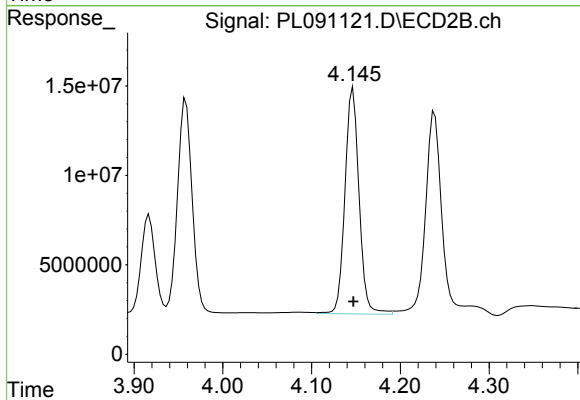
#7 delta-BHC

R.T.: 4.776 min
Delta R.T.: 0.000 min
Response: 129534454
Conc: 47.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162721BS

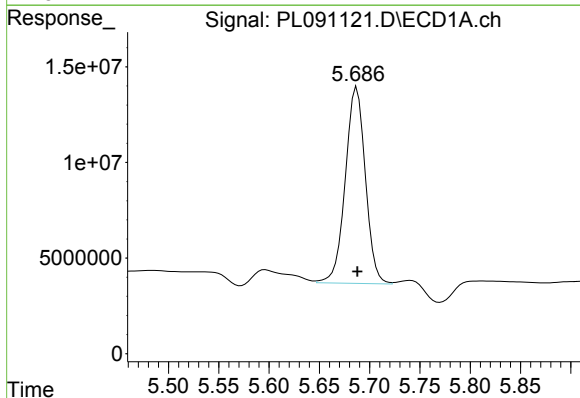
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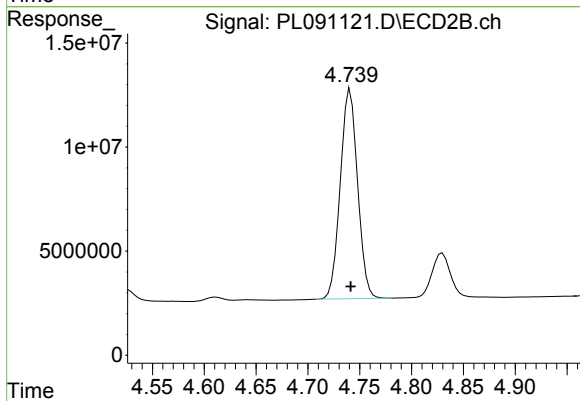
#7 delta-BHC

R.T.: 4.147 min
Delta R.T.: 0.000 min
Response: 139651917
Conc: 55.11 ng/ml



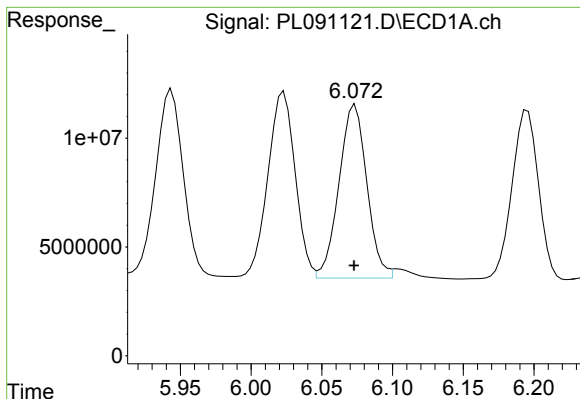
#8 Heptachlor epoxide

R.T.: 5.686 min
Delta R.T.: -0.002 min
Response: 142086578
Conc: 58.08 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.741 min
Delta R.T.: 0.000 min
Response: 117071244
Conc: 51.92 ng/ml



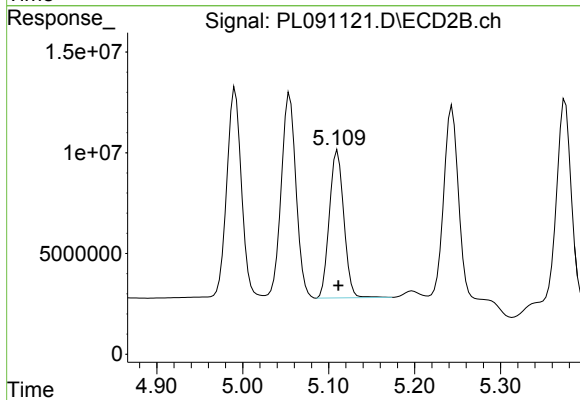
#9 Endosulfan I

R.T.: 6.072 min
Delta R.T.: 0.000 min
Response: 110322454
Conc: 49.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162721BS

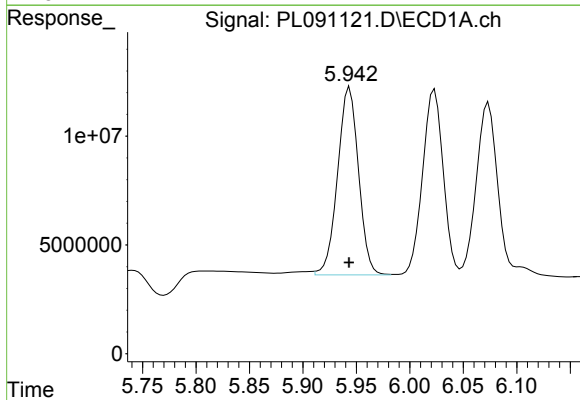
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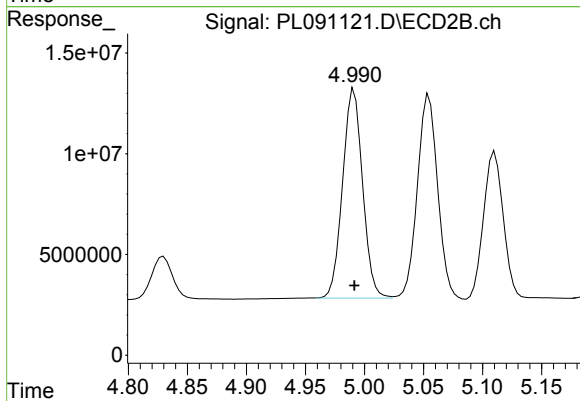
#9 Endosulfan I

R.T.: 5.110 min
Delta R.T.: 0.000 min
Response: 85529017
Conc: 40.53 ng/ml



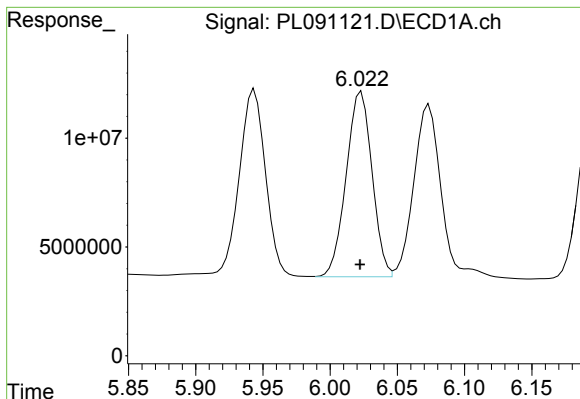
#10 gamma-Chlordane

R.T.: 5.942 min
Delta R.T.: 0.000 min
Response: 117651677
Conc: 48.69 ng/ml m



#10 gamma-Chlordane

R.T.: 4.990 min
Delta R.T.: -0.002 min
Response: 122480556
Conc: 51.81 ng/ml m



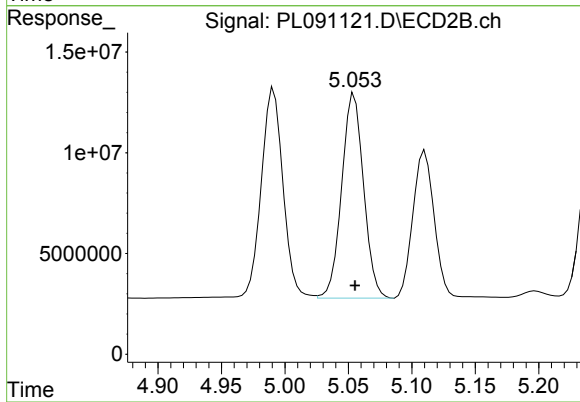
#11 alpha-Chlordane

R.T.: 6.022 min
Delta R.T.: 0.000 min
Response: 113412722
Conc: 47.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162721BS

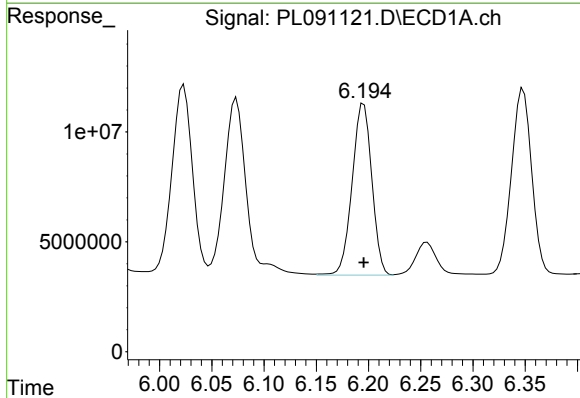
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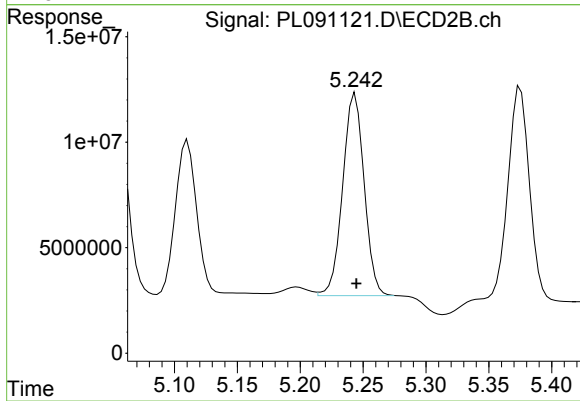
#11 alpha-Chlordane

R.T.: 5.055 min
Delta R.T.: 0.000 min
Response: 121992589
Conc: 51.86 ng/ml



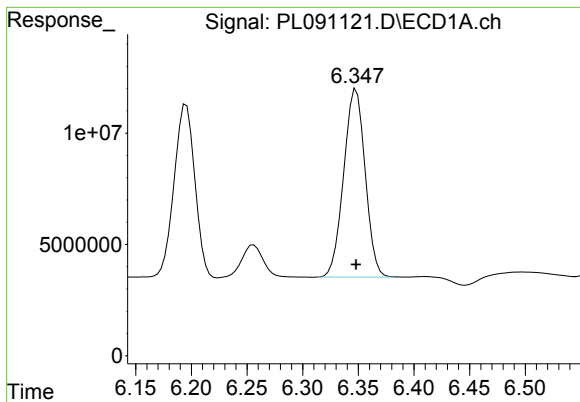
#12 4,4'-DDE

R.T.: 6.194 min
Delta R.T.: -0.001 min
Response: 102516496
Conc: 49.00 ng/ml m



#12 4,4'-DDE

R.T.: 5.242 min
Delta R.T.: -0.002 min
Response: 113841894
Conc: 54.49 ng/ml m



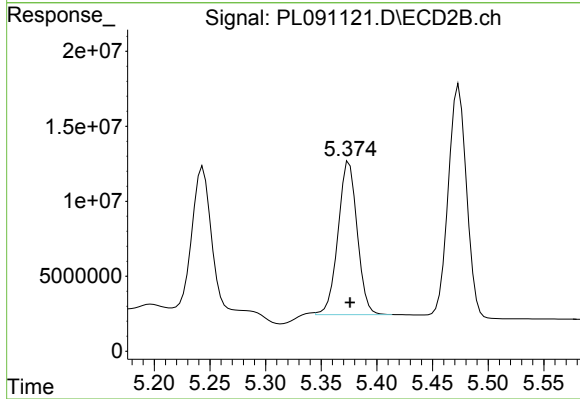
#13 Dieldrin

R.T.: 6.347 min
Delta R.T.: -0.001 min
Response: 113458987
Conc: 48.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162721BS

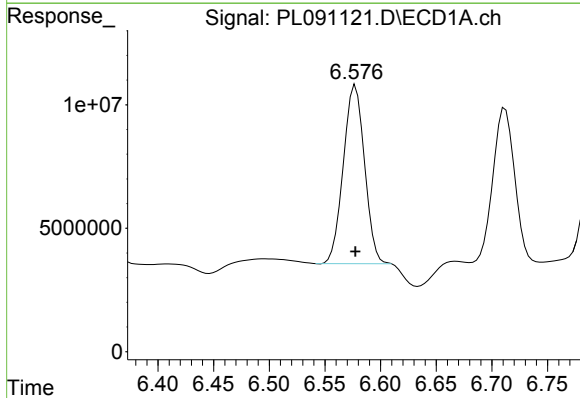
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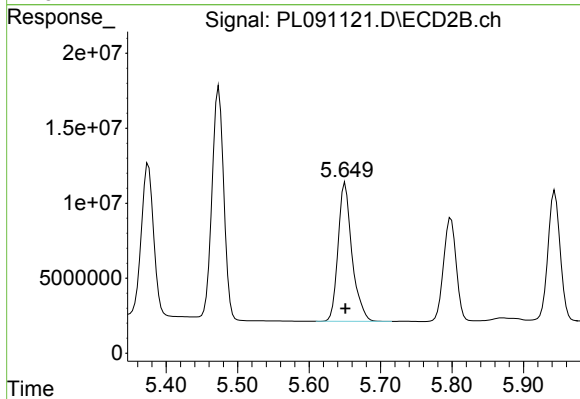
#13 Dieldrin

R.T.: 5.374 min
Delta R.T.: -0.002 min
Response: 122093773
Conc: 53.61 ng/ml m



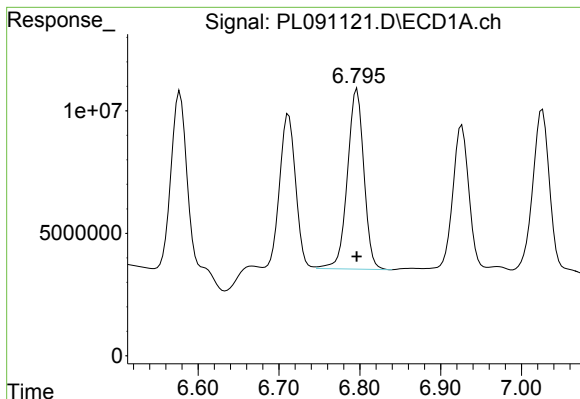
#14 Endrin

R.T.: 6.577 min
Delta R.T.: 0.000 min
Response: 96117675
Conc: 49.56 ng/ml



#14 Endrin

R.T.: 5.651 min
Delta R.T.: 0.000 min
Response: 124693402
Conc: 61.21 ng/ml



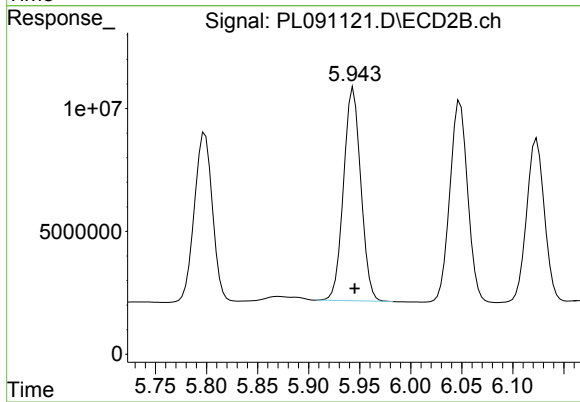
#15 Endosulfan II

R.T.: 6.797 min
Delta R.T.: 0.000 min
Response: 104097064
Conc: 51.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162721BS

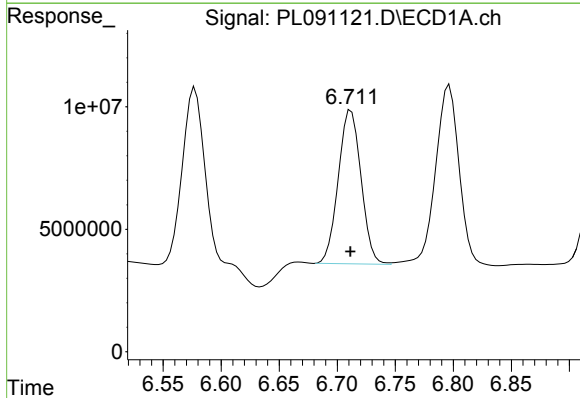
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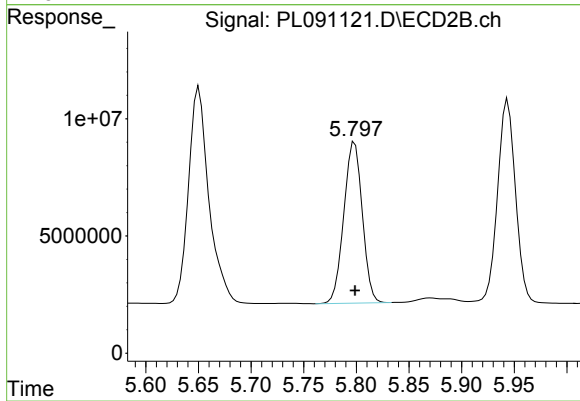
#15 Endosulfan II

R.T.: 5.944 min
Delta R.T.: -0.001 min
Response: 102142390
Conc: 52.80 ng/ml



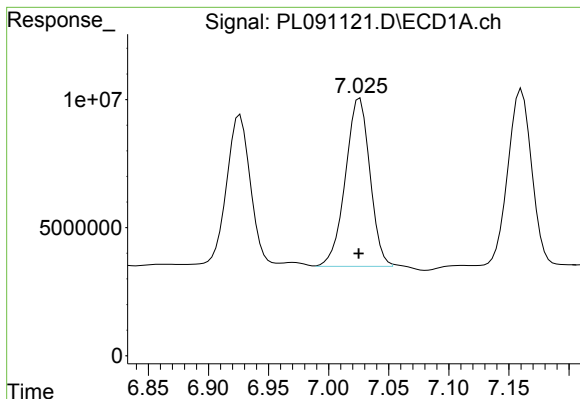
#16 4,4'-DDD

R.T.: 6.712 min
Delta R.T.: 0.000 min
Response: 85782113
Conc: 56.76 ng/ml



#16 4,4'-DDD

R.T.: 5.799 min
Delta R.T.: 0.000 min
Response: 84305256
Conc: 51.07 ng/ml



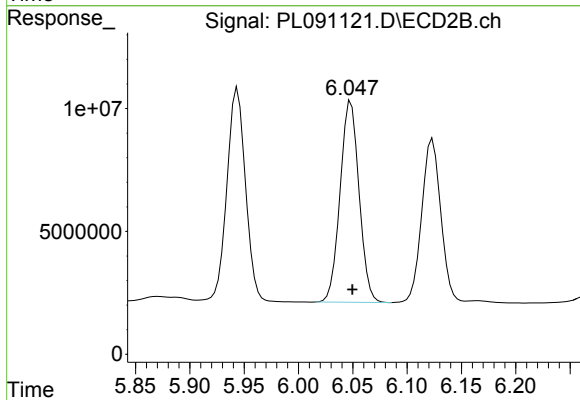
#17 4,4'-DDT

R.T.: 7.025 min
Delta R.T.: 0.000 min
Response: 92956815
Conc: 52.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162721BS

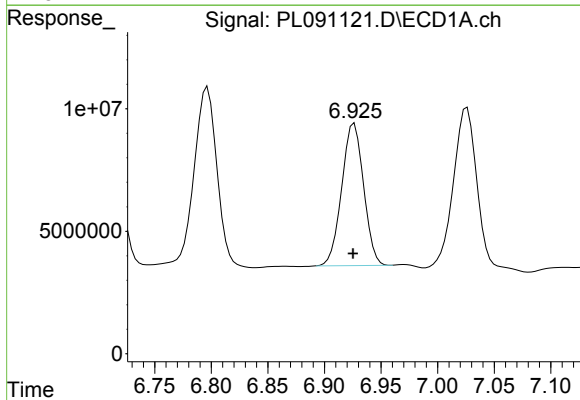
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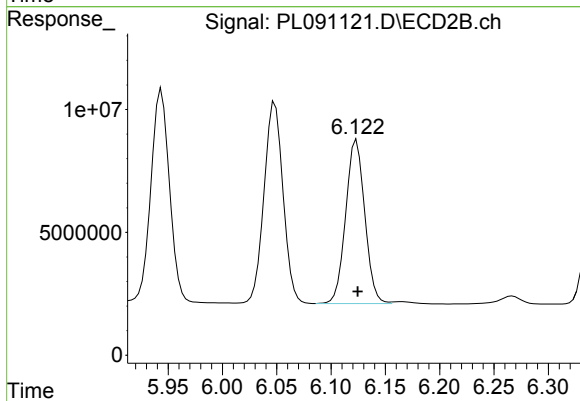
#17 4,4'-DDT

R.T.: 6.048 min
Delta R.T.: -0.001 min
Response: 99554824
Conc: 56.04 ng/ml



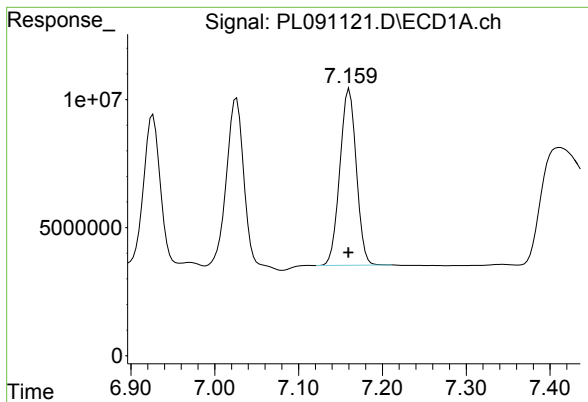
#18 Endrin aldehyde

R.T.: 6.926 min
Delta R.T.: 0.000 min
Response: 78112818
Conc: 48.93 ng/ml



#18 Endrin aldehyde

R.T.: 6.124 min
Delta R.T.: -0.001 min
Response: 81529762
Conc: 52.34 ng/ml



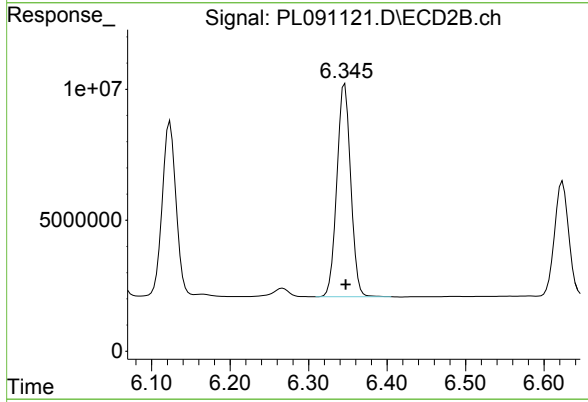
#19 Endosulfan Sulfate

R.T.: 7.161 min
Delta R.T.: 0.000 min
Response: 94015271
Conc: 49.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162721BS

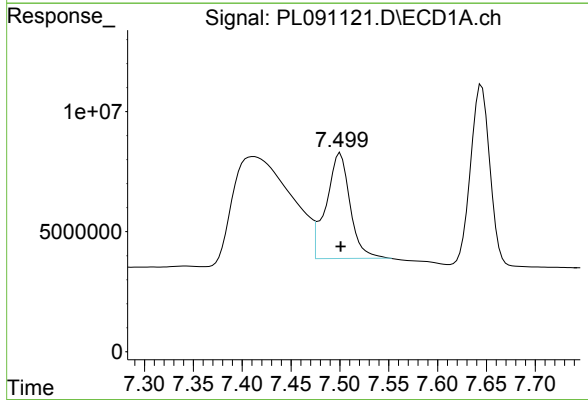
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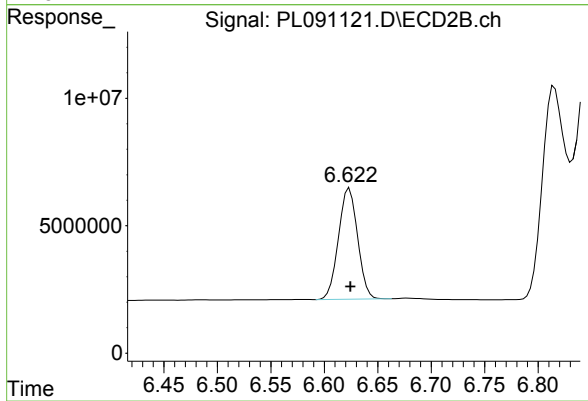
#19 Endosulfan Sulfate

R.T.: 6.346 min
Delta R.T.: -0.001 min
Response: 99578010
Conc: 51.65 ng/ml



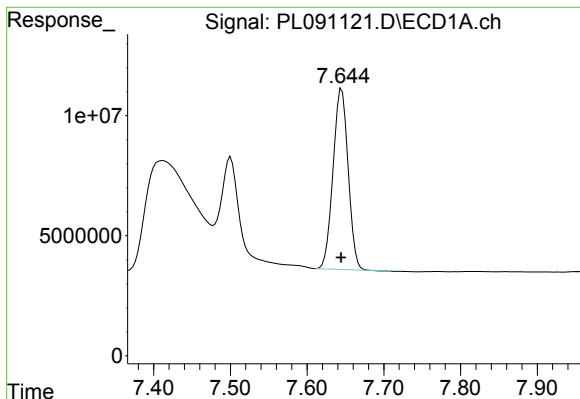
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: -0.002 min
Response: 73698432
Conc: 78.38 ng/ml m



#20 Methoxychlor

R.T.: 6.624 min
Delta R.T.: 0.000 min
Response: 54316212
Conc: 54.70 ng/ml



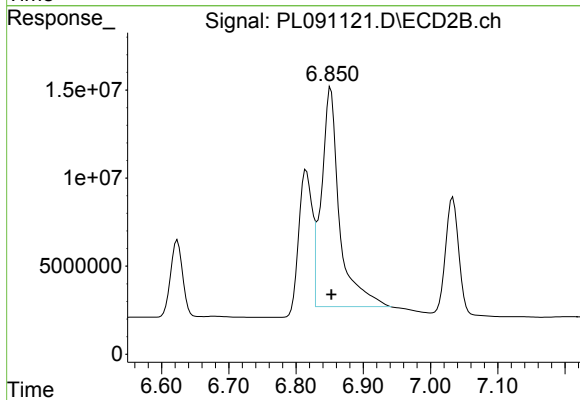
#21 Endrin ketone

R.T.: 7.645 min
Delta R.T.: 0.000 min
Response: 102707144
Conc: 48.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB162721BS

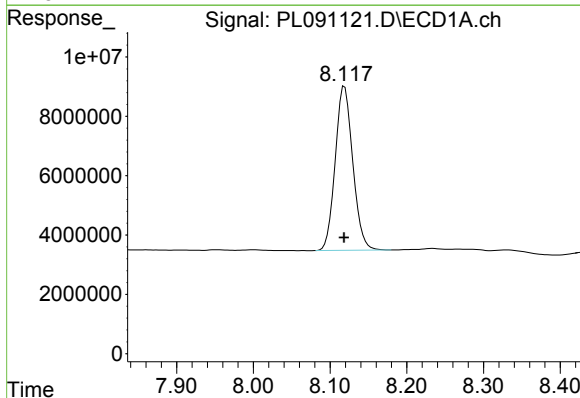
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/19/2024
Supervised By :Ankita Jodhani 08/19/2024



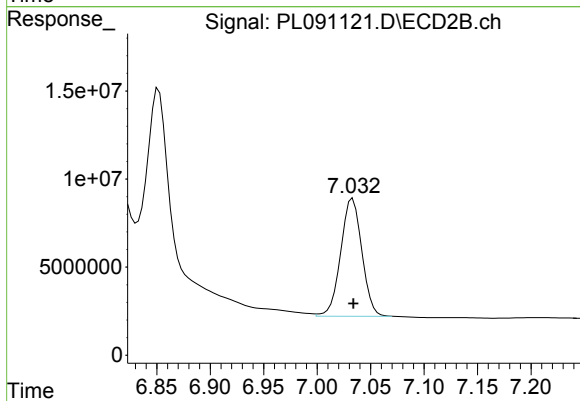
#21 Endrin ketone

R.T.: 6.850 min
Delta R.T.: -0.002 min
Response: 229607114
Conc: 105.42 ng/ml m



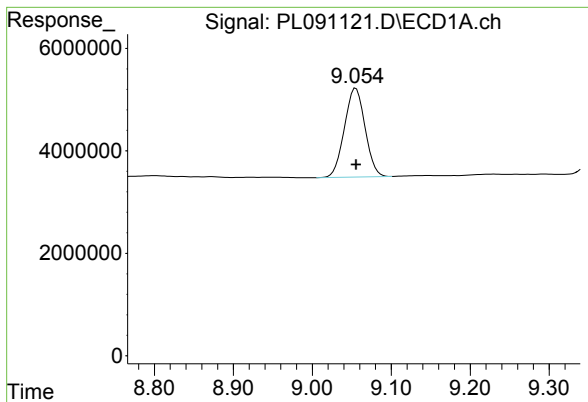
#22 Mirex

R.T.: 8.119 min
Delta R.T.: 0.000 min
Response: 88160528
Conc: 51.82 ng/ml



#22 Mirex

R.T.: 7.032 min
Delta R.T.: -0.002 min
Response: 92209819
Conc: 49.40 ng/ml m



#28 Decachlorobiphenyl

R.T.: 9.055 min
Delta R.T.: 0.000 min
Response: 31505624
Conc: 20.67 ng/ml

Instrument :

ECD_L

ClientSampleId :

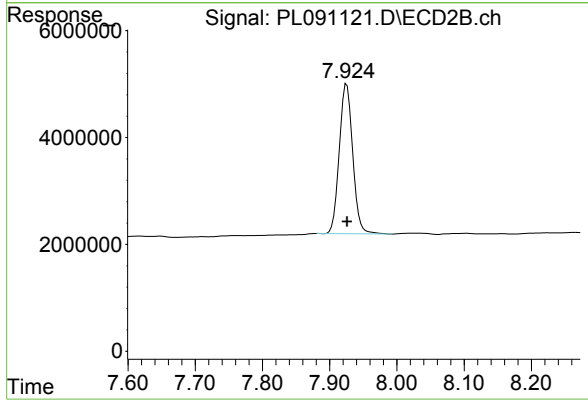
PB162721BS

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 7.925 min
Delta R.T.: 0.000 min
Response: 38807282
Conc: 20.49 ng/ml