

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070924\
 Data File : PL090451.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Jul 2024 13:20
 Operator : AR\AJ
 Sample : PB161964BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB161964BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/10/2024
 Supervised By :Ankita Jodhani 07/10/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 10 00:56:30 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062424.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 25 11:05:38 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...	3.547	2.809f	58183506	41855928	25.636m	26.462m
2)	SA Decachlor...	9.062	7.953	40319983	37718293	26.144	25.285m
Target Compounds							
2)	A alpha-BHC	4.004	3.315f	154.3E6	121.3E6	49.203	54.265
3)	MA gamma-BHC...	4.336	3.644f	151.8E6	120.8E6	50.488	56.511m
4)	MA Heptachlor	4.924	3.986f	137.6E6	112.7E6	49.512m	54.210
5)	MB Aldrin	5.267	4.265f	135.7E6	112.7E6	49.561m	56.959m
6)	B beta-BHC	4.532	3.943f	67896248	50941587	50.406	52.769
7)	B delta-BHC	4.779	4.173f	135.1E6	106.6E6	47.901	52.560
8)	B Heptachlo...	5.693	4.767f	132.1E6	102.4E6	51.805	55.712m
9)	A Endosulfan I	6.078	5.139f	119.7E6	93266820	50.852	53.902
10)	B gamma-Chl...	5.947	5.019f	123.8E6	105.3E6	48.984m	54.938
11)	B alpha-Chl...	6.027	5.083f	124.7E6	105.3E6	49.974m	54.981
12)	B 4,4'-DDE	6.199	5.270f	111.1E6	95273153	50.891m	57.513m
13)	MA Dieldrin	6.354	5.402f	123.0E6	104.1E6	50.313	56.424m
14)	MA Endrin	6.581	5.679f	106.4E6	91473998	50.168m	55.319
15)	B Endosulfa...	6.800	5.973f	108.0E6	90477288	48.856m	55.143
16)	A 4,4'-DDD	6.715	5.825f	94954847	77921045	51.829m	56.850m
17)	MA 4,4'-DDT	7.031	6.076f	100.2E6	85399170	52.221	57.697m
18)	B Endrin al...	6.930	6.150f	86062515	71804872	50.972m	56.384m
19)	B Endosulfa...	7.165	6.373f	101.1E6	86907790	51.054	55.577m
20)	A Methoxychlor	7.506	6.650f	55732654	46624842	54.081	55.887m
21)	B Endrin ke...	7.650	6.879f	113.4E6	100.6E6	52.275	56.164m
22)	Mirex	8.124	7.062f	84972550	79137239	48.871	51.821m

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

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Data File : PL090451.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Jul 2024 13:20
Operator : AR\AJ
Sample : PB161964BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

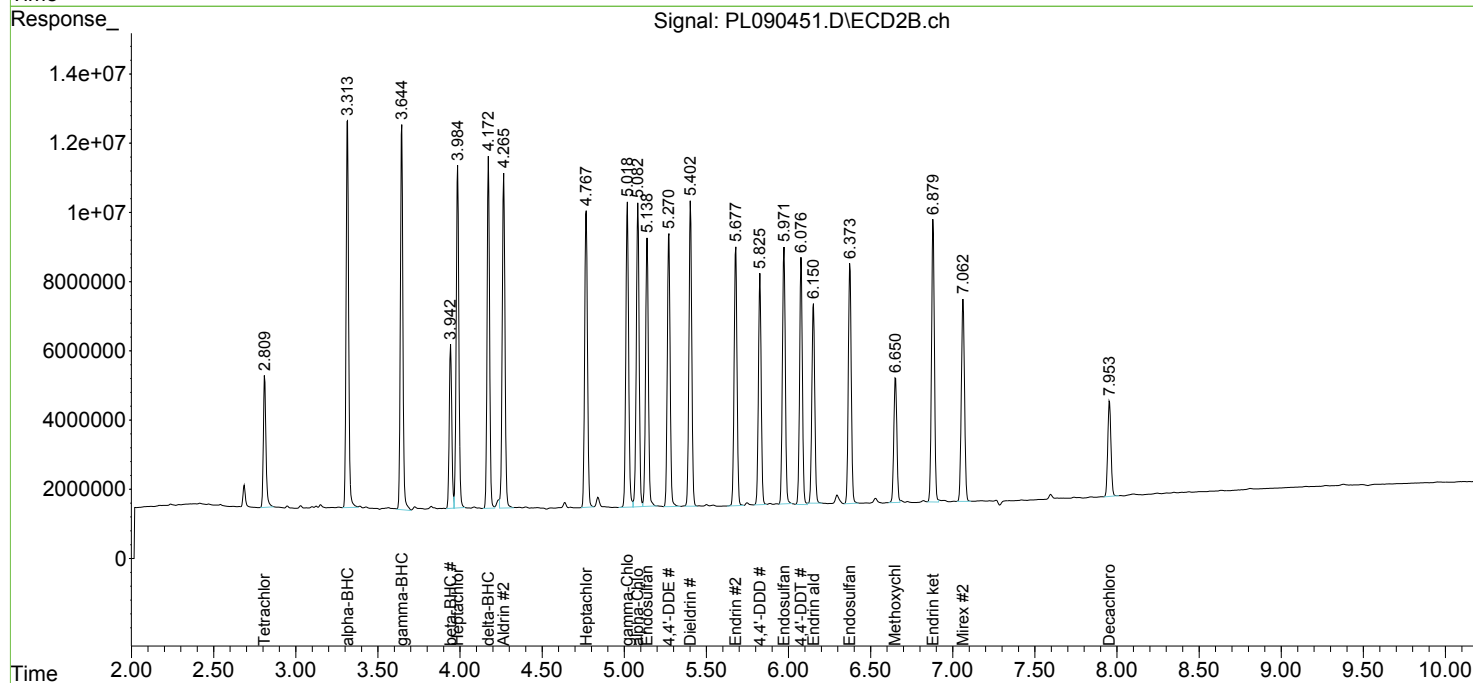
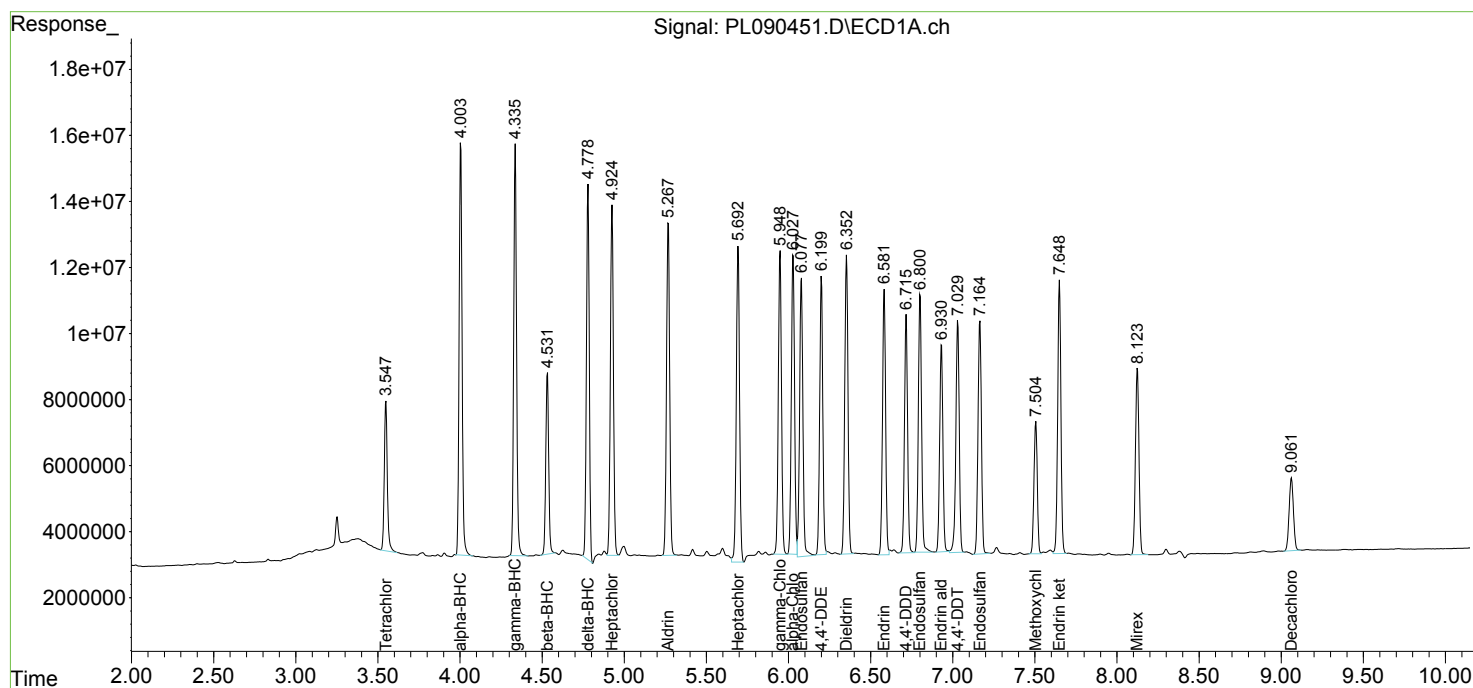
Instrument :
ECD_L
ClientSampleId :
PB161964BS

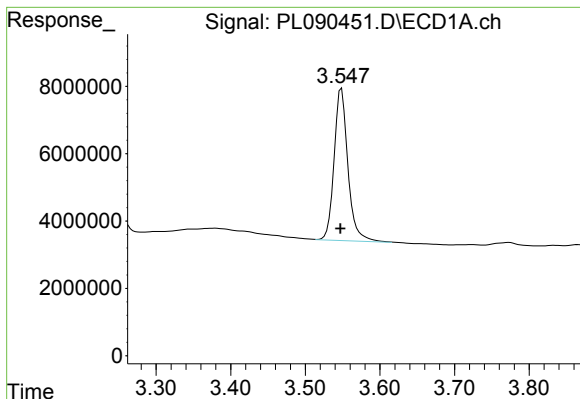
Manual Integrations
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Supervised By :Ankita Jodhani 07/10/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 10 00:56:30 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062424.M
Quant Title : GC Extractables
QLast Update : Tue Jun 25 11:05:38 2024
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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





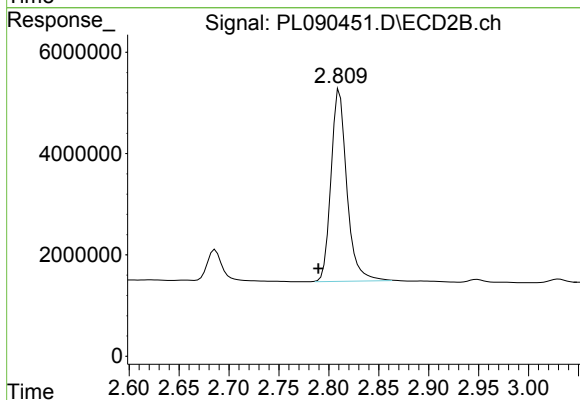
#1 Tetrachloro-m-xylene

R.T.: 3.547 min
Delta R.T.: 0.000 min
Response: 58183506
Conc: 25.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB161964BS

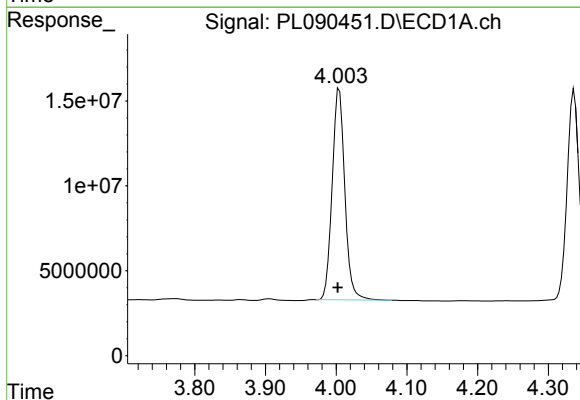
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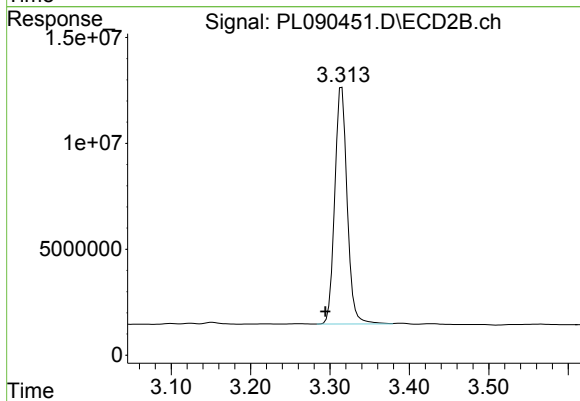
#1 Tetrachloro-m-xylene

R.T.: 2.809 min
Delta R.T.: 0.020 min
Response: 41855928
Conc: 26.46 ng/ml m



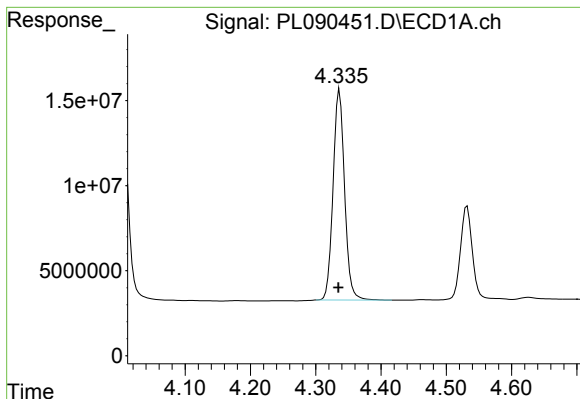
#2 alpha-BHC

R.T.: 4.004 min
Delta R.T.: 0.002 min
Response: 154324287
Conc: 49.20 ng/ml



#2 alpha-BHC

R.T.: 3.315 min
Delta R.T.: 0.021 min
Response: 121310513
Conc: 54.27 ng/ml



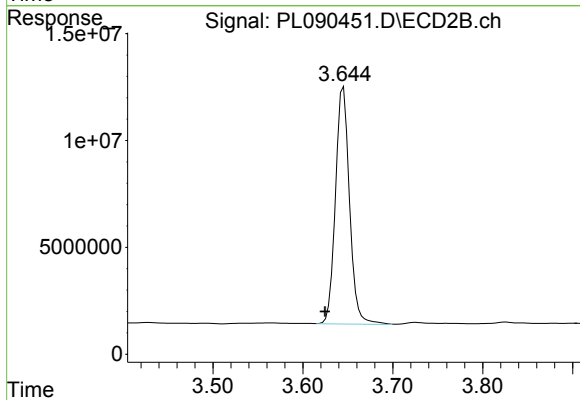
#3 gamma-BHC (Lindane)

R.T.: 4.336 min
Delta R.T.: 0.002 min
Response: 151766597
Conc: 50.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB161964BS

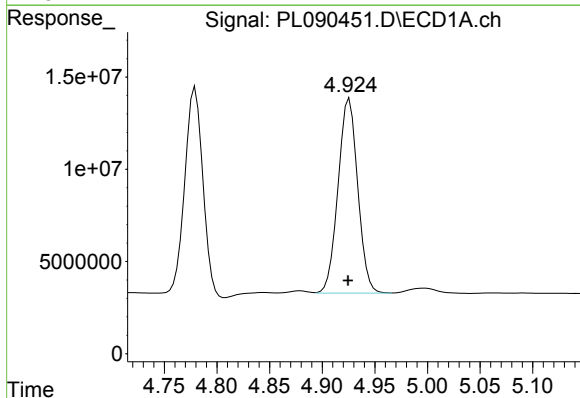
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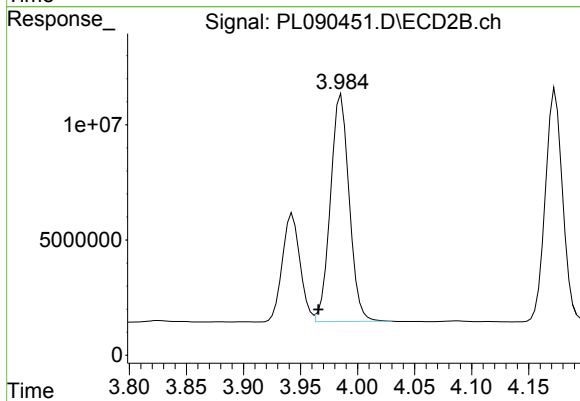
#3 gamma-BHC (Lindane)

R.T.: 3.644 min
Delta R.T.: 0.019 min
Response: 120819450
Conc: 56.51 ng/ml m



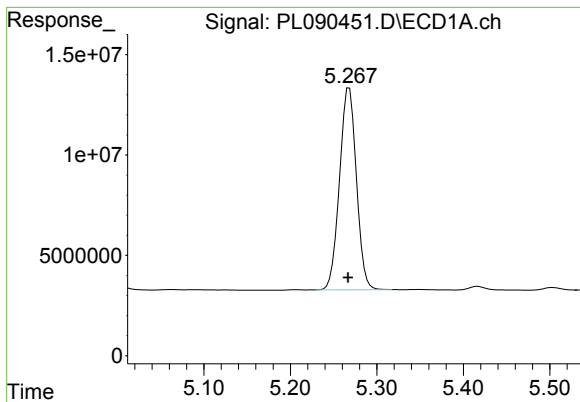
#4 Heptachlor

R.T.: 4.924 min
Delta R.T.: 0.000 min
Response: 137596190
Conc: 49.51 ng/ml m



#4 Heptachlor

R.T.: 3.986 min
Delta R.T.: 0.020 min
Response: 112694639
Conc: 54.21 ng/ml



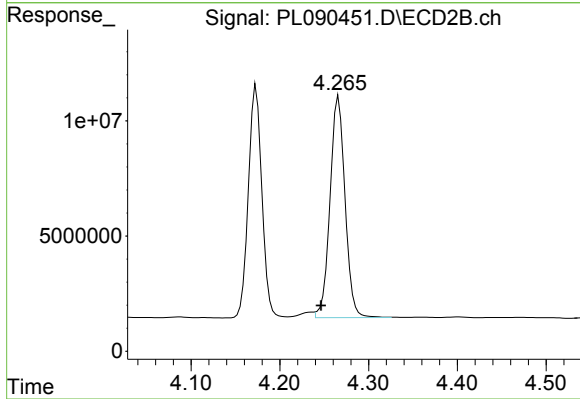
#5 Aldrin

R.T.: 5.267 min
Delta R.T.: 0.000 min
Response: 135673775
Conc: 49.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB161964BS

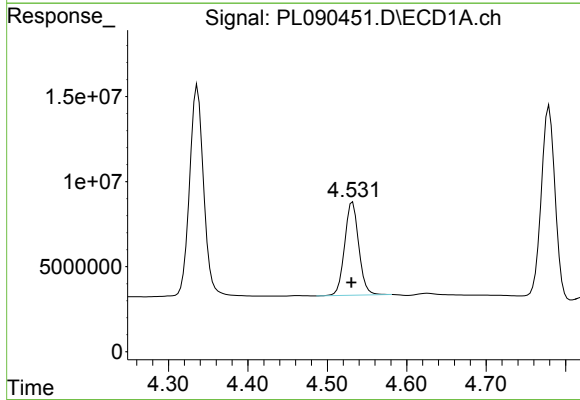
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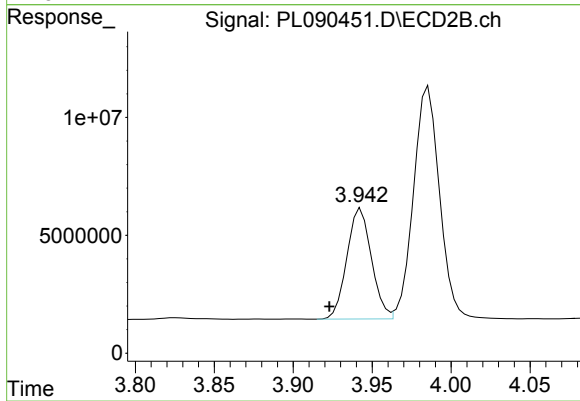
#5 Aldrin

R.T.: 4.265 min
Delta R.T.: 0.018 min
Response: 112688008
Conc: 56.96 ng/ml m



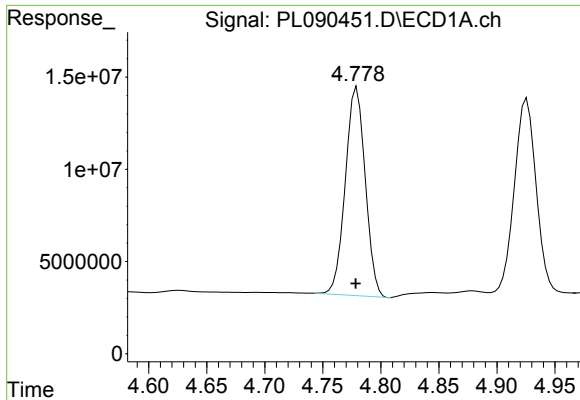
#6 beta-BHC

R.T.: 4.532 min
Delta R.T.: 0.002 min
Response: 67896248
Conc: 50.41 ng/ml



#6 beta-BHC

R.T.: 3.943 min
Delta R.T.: 0.020 min
Response: 50941587
Conc: 52.77 ng/ml



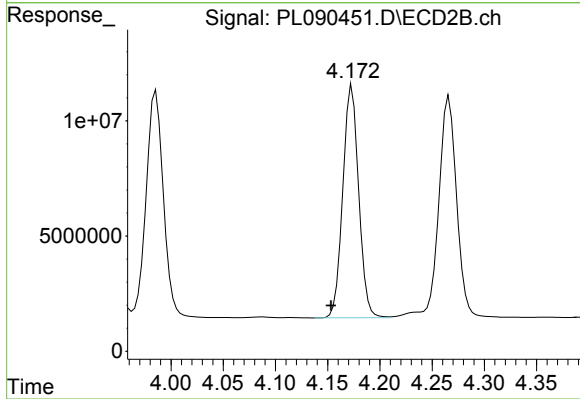
#7 delta-BHC

R.T.: 4.779 min
Delta R.T.: 0.000 min
Response: 135101307
Conc: 47.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB161964BS

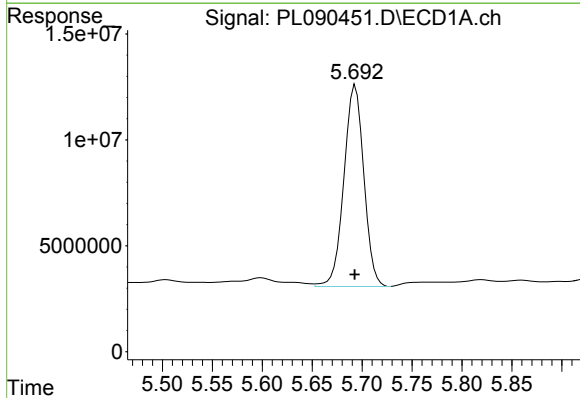
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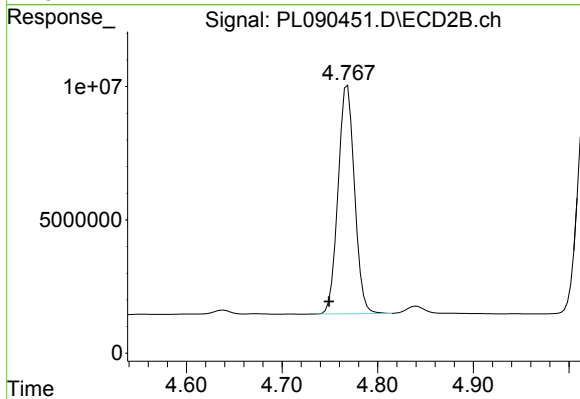
#7 delta-BHC

R.T.: 4.173 min
Delta R.T.: 0.020 min
Response: 106631869
Conc: 52.56 ng/ml



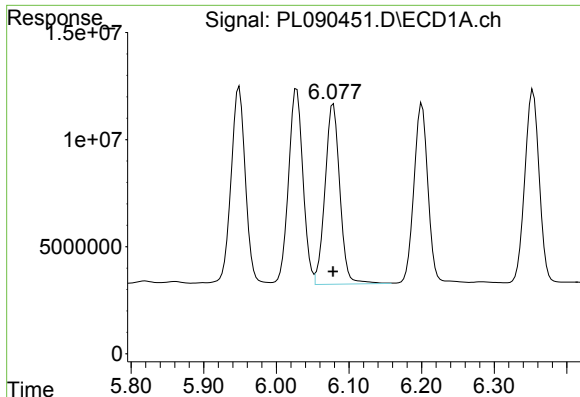
#8 Heptachlor epoxide

R.T.: 5.693 min
Delta R.T.: 0.000 min
Response: 132109484
Conc: 51.80 ng/ml



#8 Heptachlor epoxide

R.T.: 4.767 min
Delta R.T.: 0.018 min
Response: 102351229
Conc: 55.71 ng/ml m



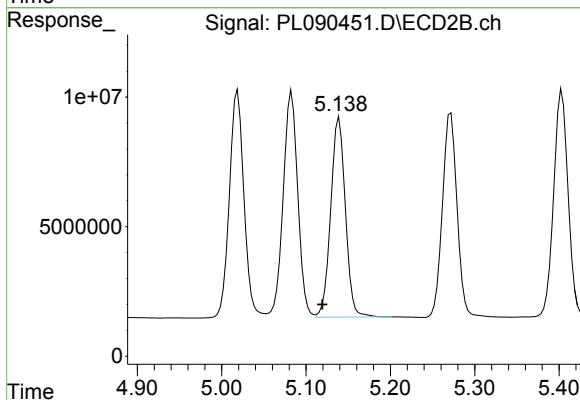
#9 Endosulfan I

R.T.: 6.078 min
Delta R.T.: 0.000 min
Response: 119749095
Conc: 50.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB161964BS

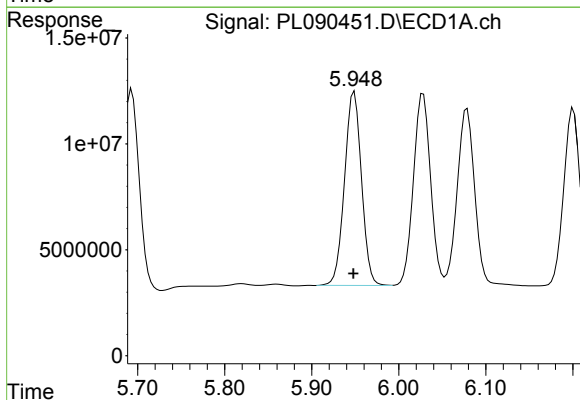
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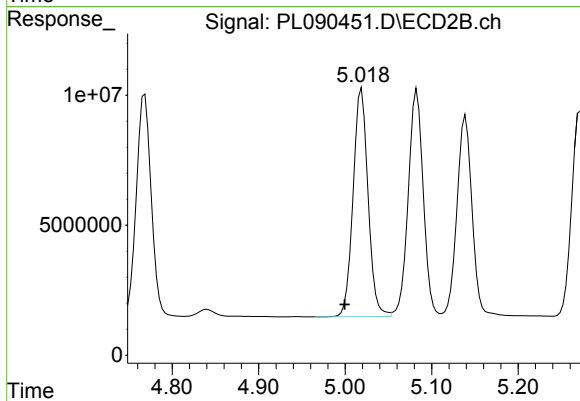
#9 Endosulfan I

R.T.: 5.139 min
Delta R.T.: 0.020 min
Response: 93266820
Conc: 53.90 ng/ml



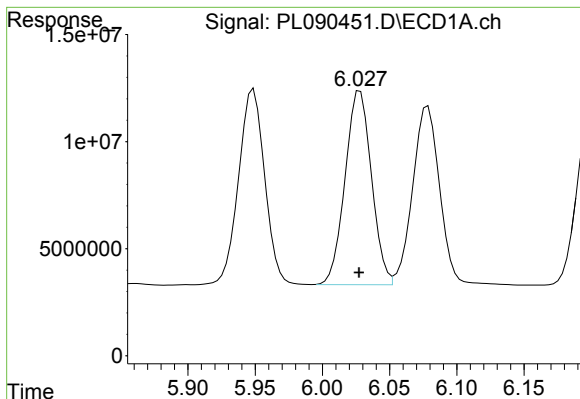
#10 gamma-Chlordane

R.T.: 5.947 min
Delta R.T.: 0.000 min
Response: 123772882
Conc: 48.98 ng/ml m



#10 gamma-Chlordane

R.T.: 5.019 min
Delta R.T.: 0.019 min
Response: 105292601
Conc: 54.94 ng/ml



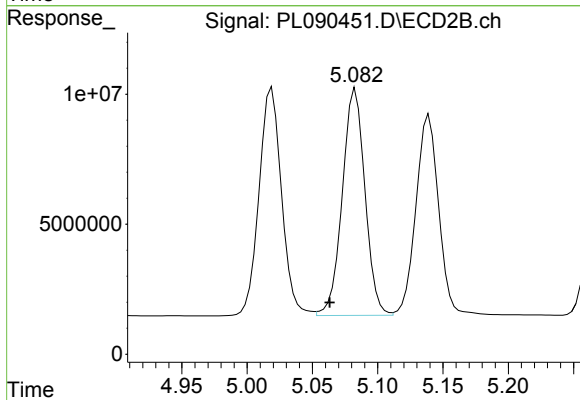
#11 alpha-Chlordane

R.T.: 6.027 min
Delta R.T.: 0.000 min
Response: 124653075
Conc: 49.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB161964BS

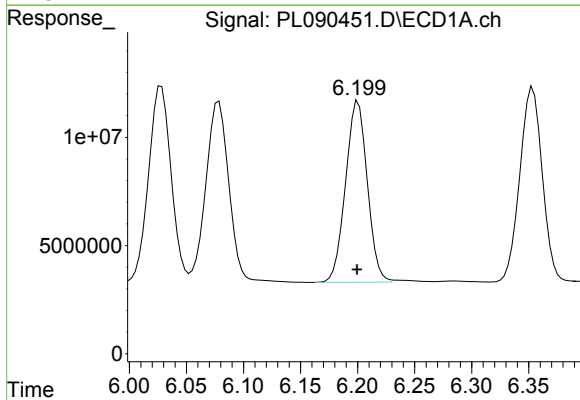
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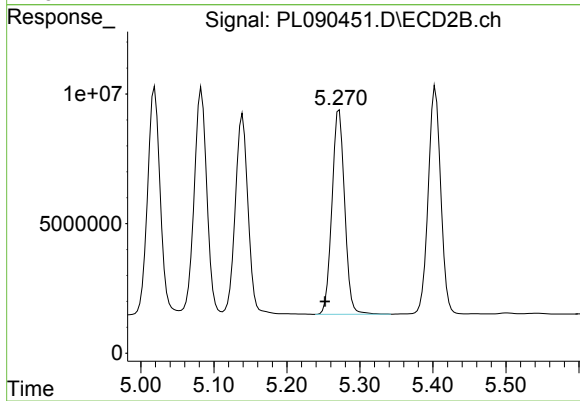
#11 alpha-Chlordane

R.T.: 5.083 min
Delta R.T.: 0.020 min
Response: 105304254
Conc: 54.98 ng/ml



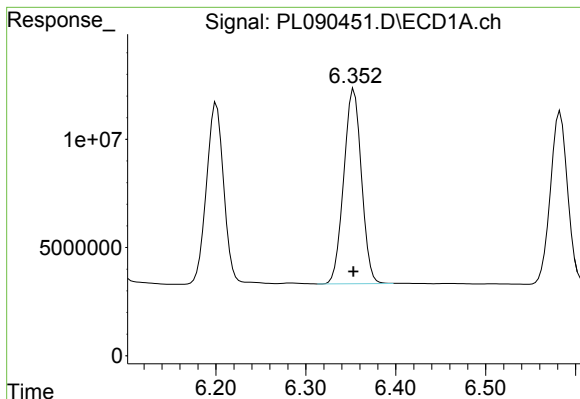
#12 4,4'-DDE

R.T.: 6.199 min
Delta R.T.: 0.000 min
Response: 111092814
Conc: 50.89 ng/ml m



#12 4,4'-DDE

R.T.: 5.270 min
Delta R.T.: 0.018 min
Response: 95273153
Conc: 57.51 ng/ml m



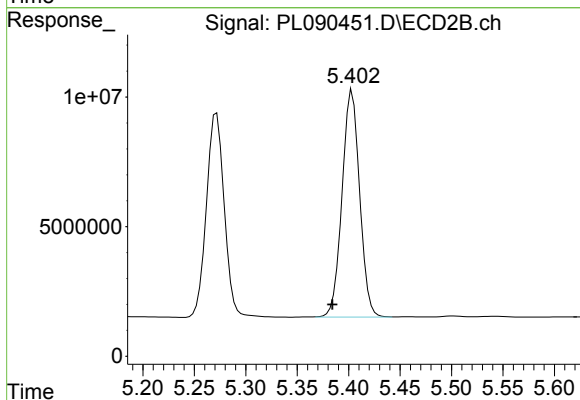
#13 Dieldrin

R.T.: 6.354 min
Delta R.T.: 0.000 min
Response: 123009620
Conc: 50.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB161964BS

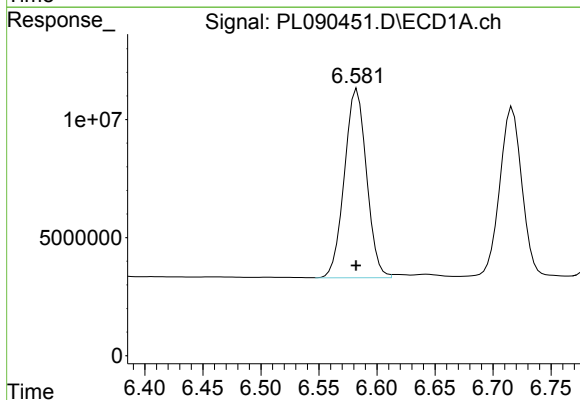
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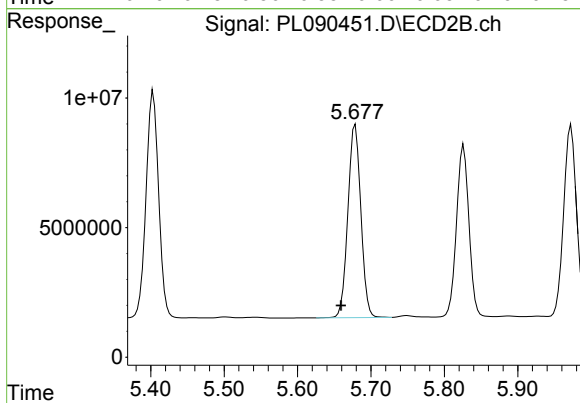
#13 Dieldrin

R.T.: 5.402 min
Delta R.T.: 0.018 min
Response: 104070088
Conc: 56.42 ng/ml m



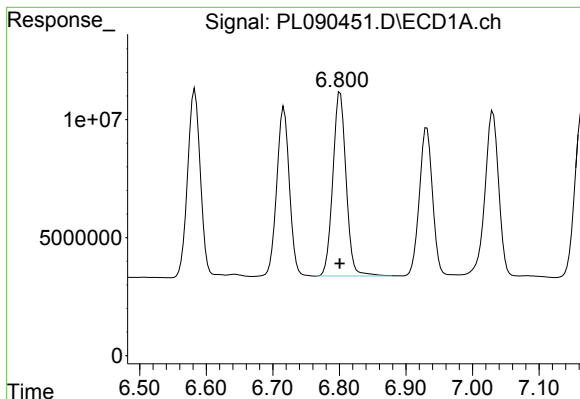
#14 Endrin

R.T.: 6.581 min
Delta R.T.: 0.000 min
Response: 106371744
Conc: 50.17 ng/ml m



#14 Endrin

R.T.: 5.679 min
Delta R.T.: 0.019 min
Response: 91473998
Conc: 55.32 ng/ml



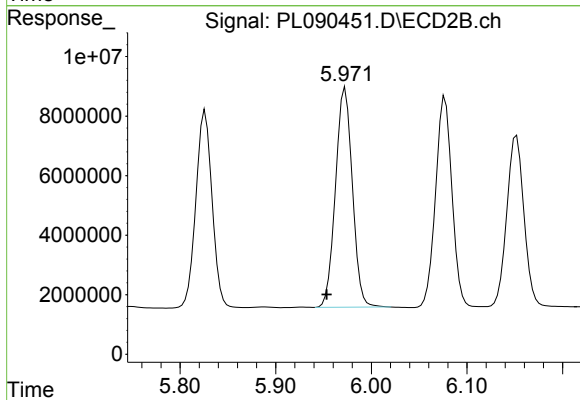
#15 Endosulfan II

R.T.: 6.800 min
Delta R.T.: 0.000 min
Response: 108026865
Conc: 48.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB161964BS

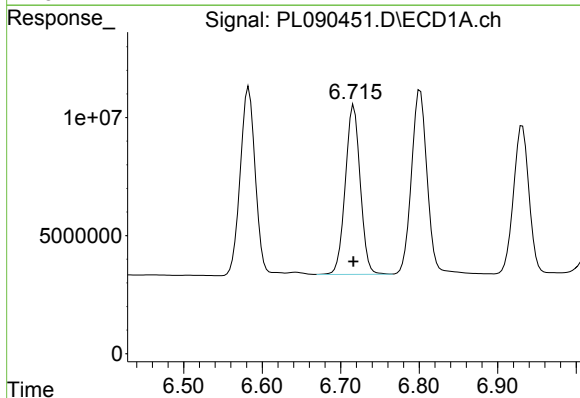
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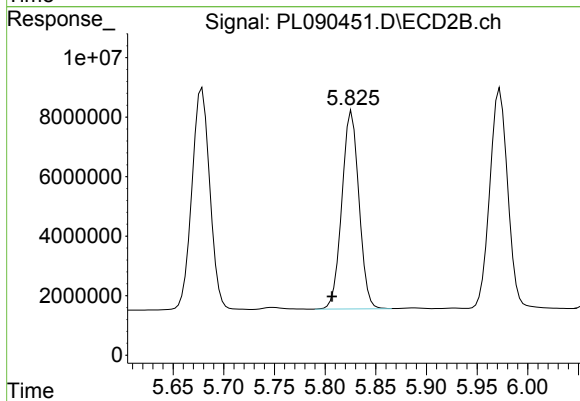
#15 Endosulfan II

R.T.: 5.973 min
Delta R.T.: 0.019 min
Response: 90477288
Conc: 55.14 ng/ml



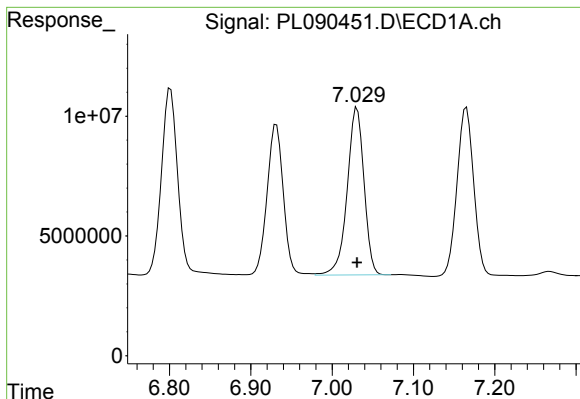
#16 4,4'-DDD

R.T.: 6.715 min
Delta R.T.: -0.001 min
Response: 94954847
Conc: 51.83 ng/ml m



#16 4,4'-DDD

R.T.: 5.825 min
Delta R.T.: 0.018 min
Response: 77921045
Conc: 56.85 ng/ml m



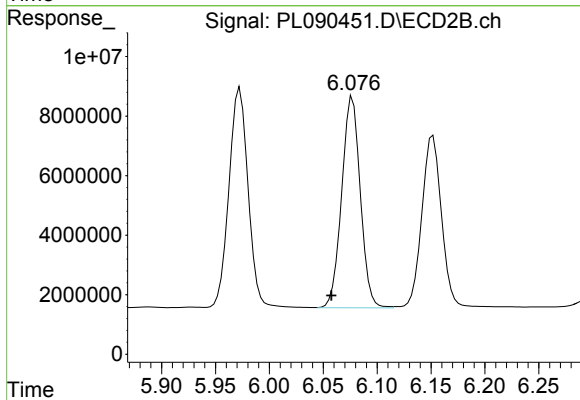
#17 4,4'-DDT

R.T.: 7.031 min
Delta R.T.: 0.000 min
Response: 100209400
Conc: 52.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB161964BS

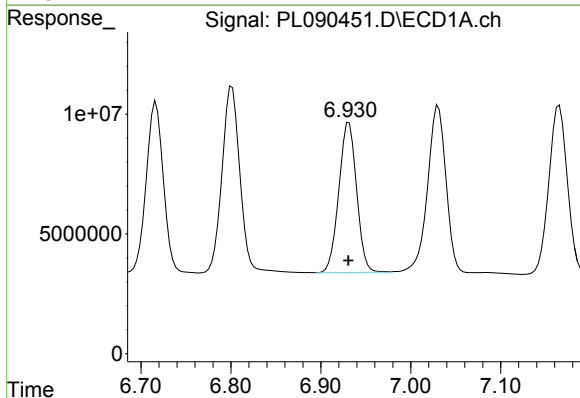
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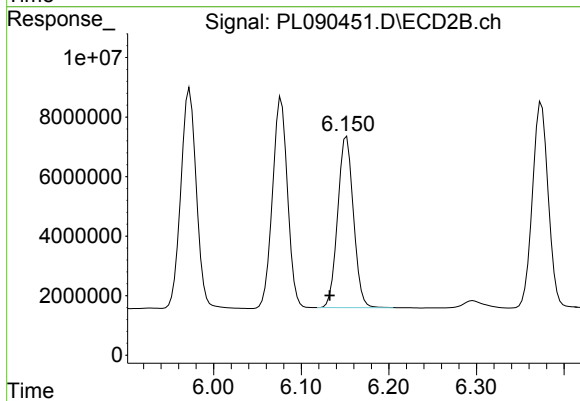
#17 4,4'-DDT

R.T.: 6.076 min
Delta R.T.: 0.018 min
Response: 85399170
Conc: 57.70 ng/ml m



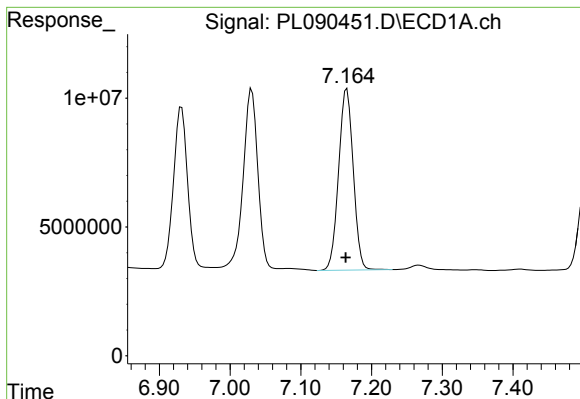
#18 Endrin aldehyde

R.T.: 6.930 min
Delta R.T.: 0.000 min
Response: 86062515
Conc: 50.97 ng/ml m



#18 Endrin aldehyde

R.T.: 6.150 min
Delta R.T.: 0.018 min
Response: 71804872
Conc: 56.38 ng/ml m



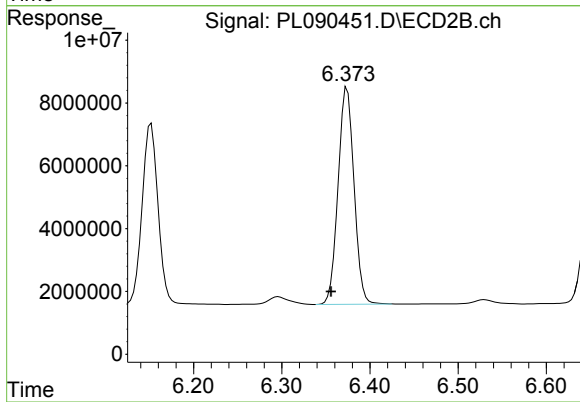
#19 Endosulfan Sulfate

R.T.: 7.165 min
Delta R.T.: 0.001 min
Response: 101122516
Conc: 51.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB161964BS

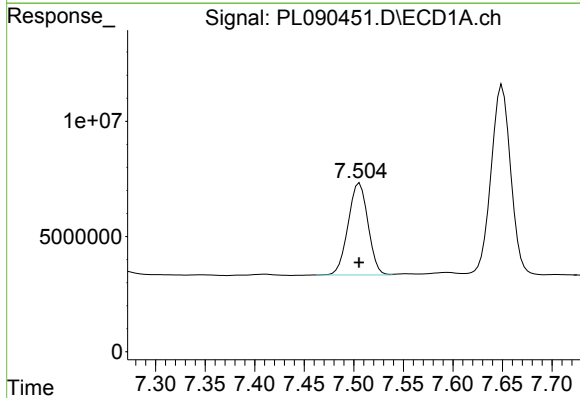
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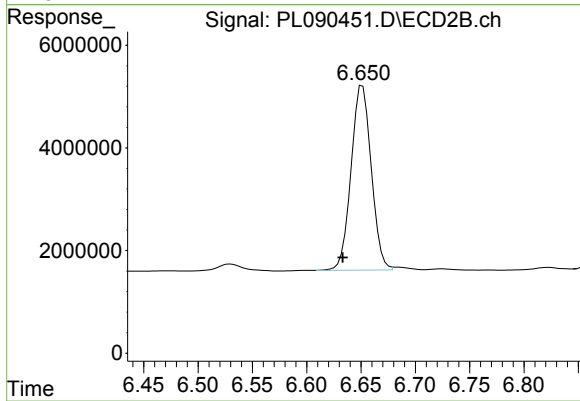
#19 Endosulfan Sulfate

R.T.: 6.373 min
Delta R.T.: 0.017 min
Response: 86907790
Conc: 55.58 ng/ml m



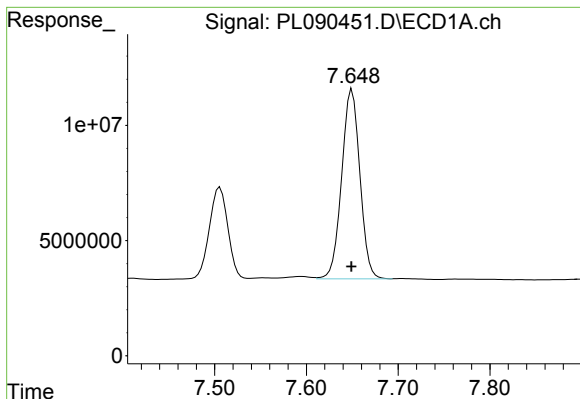
#20 Methoxychlor

R.T.: 7.506 min
Delta R.T.: 0.000 min
Response: 55732654
Conc: 54.08 ng/ml



#20 Methoxychlor

R.T.: 6.650 min
Delta R.T.: 0.017 min
Response: 46624842
Conc: 55.89 ng/ml m



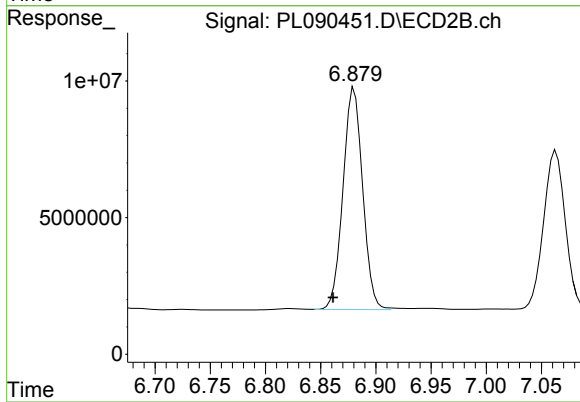
#21 Endrin ketone

R.T.: 7.650 min
Delta R.T.: 0.000 min
Response: 113389522
Conc: 52.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB161964BS

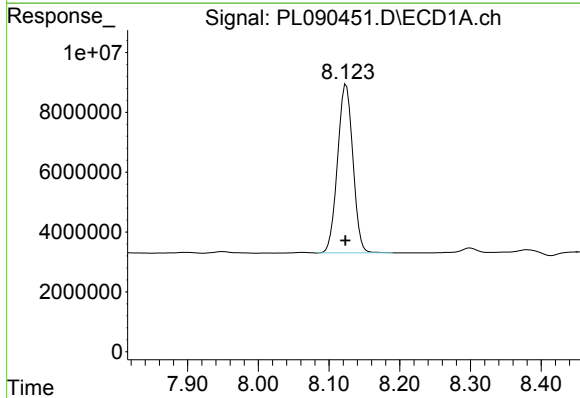
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APPROVED

Reviewed By :Abdul Mirza 07/10/2024
Supervised By :Ankita Jodhani 07/10/2024



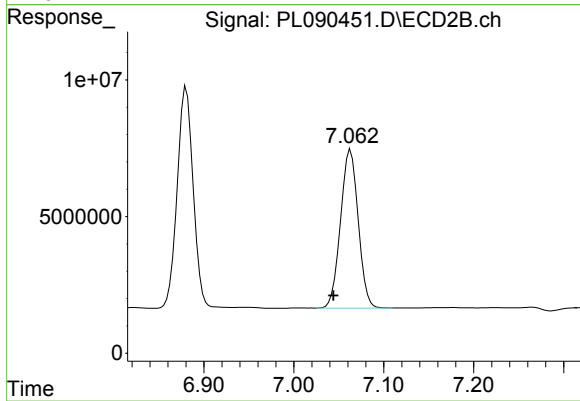
#21 Endrin ketone

R.T.: 6.879 min
Delta R.T.: 0.018 min
Response: 100562629
Conc: 56.16 ng/ml m



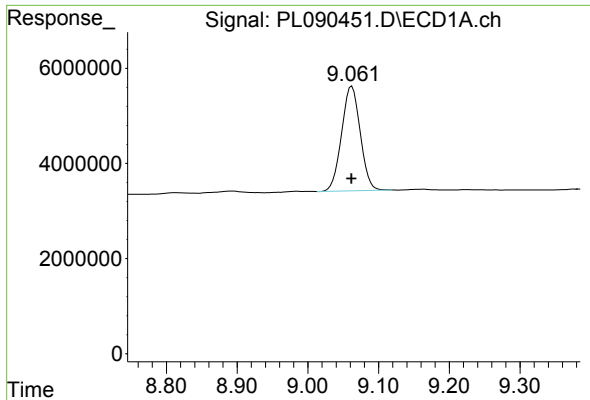
#22 Mirex

R.T.: 8.124 min
Delta R.T.: 0.000 min
Response: 84972550
Conc: 48.87 ng/ml



#22 Mirex

R.T.: 7.062 min
Delta R.T.: 0.018 min
Response: 79137239
Conc: 51.82 ng/ml m



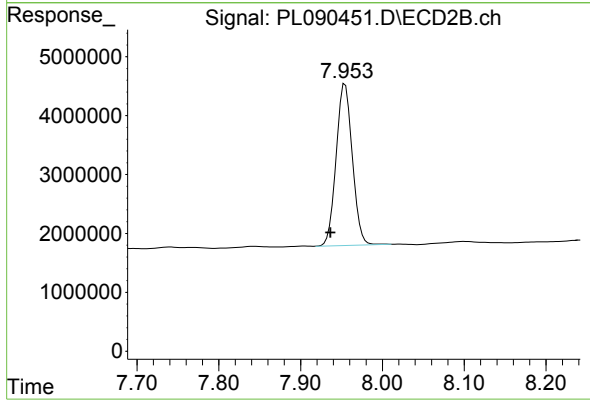
#28 Decachlorobiphenyl

R.T.: 9.062 min
Delta R.T.: 0.000 min
Response: 40319983
Conc: 26.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB161964BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.953 min
Delta R.T.: 0.016 min
Response: 37718293
Conc: 25.29 ng/ml m