

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030923\
 Data File : PL081387.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Mar 2023 22:28
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 03/10/2023
 Supervised By :Ankita Jodhani 03/10/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 10 04:11:07 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030223.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 03 01:48:45 2023
 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...	3.332	2.663	105.4E6	92766897	48.798	45.837
28)	SA Decachlor...	8.756	7.786	76137113	84528233	49.941	44.128
Target Compounds							
2)	A alpha-BHC	3.782	3.164	156.0E6	132.0E6	49.052	45.047
3)	MA gamma-BHC...	4.111	3.492	145.1E6	124.1E6	49.035	45.115
4)	MA Heptachlor	4.690	3.825	137.0E6	123.2E6	49.641	44.630
5)	MB Aldrin	5.027	4.103	126.6E6	115.1E6	49.777	43.909
6)	B beta-BHC	4.313	3.791	64762751	53252326	47.050	45.882
7)	B delta-BHC	4.555	4.018	139.1E6	118.1E6	50.062	46.374
8)	B Heptachlo...	5.453	4.606	116.4E6	108.3E6	49.308	44.807
9)	A Endosulfan I	5.834	4.973	106.2E6	97400336	50.246	43.028
10)	B gamma-Chl...	5.708	4.855	119.9E6	106.4E6	52.545	43.457
11)	B alpha-Chl...	5.787	4.918	114.7E6	106.0E6	50.920	43.273
12)	B 4,4'-DDE	5.964	5.109	97157128	89586452	49.656	45.641
13)	MA Dieldrin	6.109	5.238	102.4E6	98650351	48.911	43.760
14)	MA Endrin	6.335	5.513	89377281	87320968	49.177	43.451
15)	B Endosulfa...	6.557	5.809	86171845	80590324	49.425	43.711
16)	A 4,4'-DDD	6.479	5.663	78493124	70338455	50.990	45.850
17)	MA 4,4'-DDT	6.791	5.913	82082139	74217347	51.712	46.261
18)	B Endrin al...	6.686	5.989	70154189	67022024	49.013m	44.238
19)	B Endosulfa...	6.921	6.212	88915978	82363705	49.522	42.852
20)	A Methoxychlor	7.271	6.492	44080973	41119923	51.176	44.306
21)	B Endrin ke...	7.401	6.717	90493465	91047711	49.886	42.287
22)	Mirex	7.866	6.890	72897143	81679337	49.960	42.439

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL030923\
Data File : PL081387.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 09 Mar 2023 22:28
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

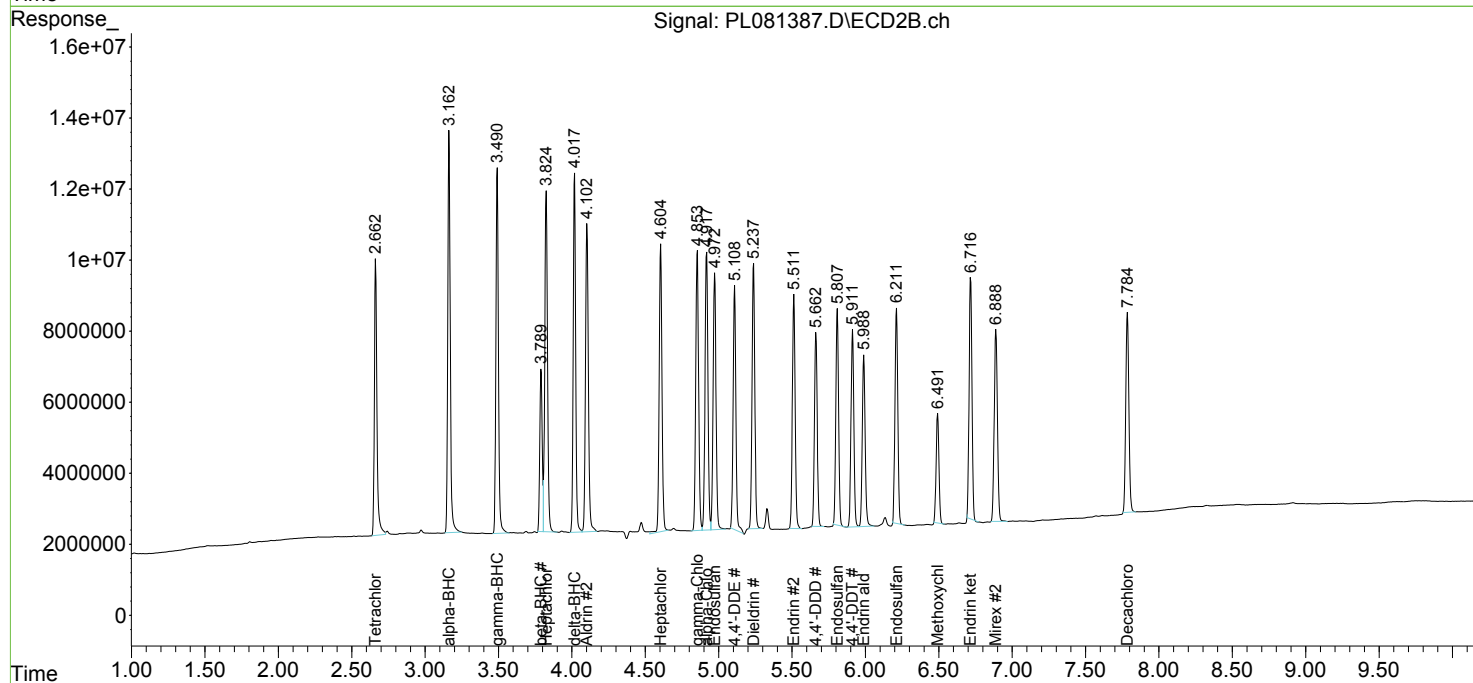
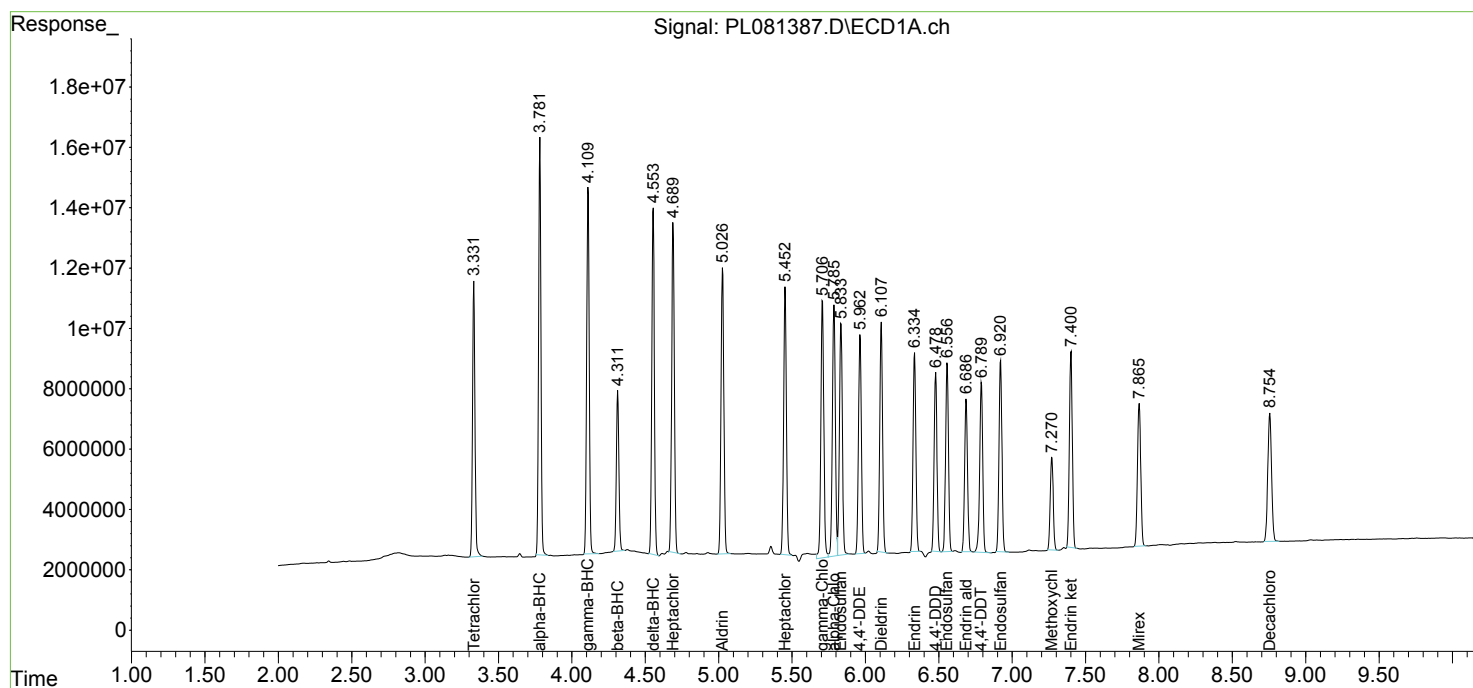
APPROVED

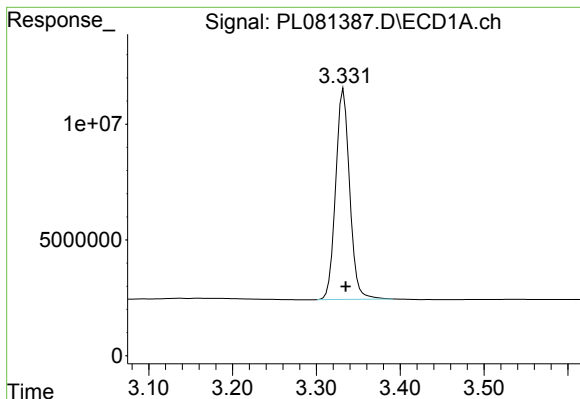
Reviewed By :Abdul Mirza 03/10/2023

Supervised By :Ankita Jodhani 03/10/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 10 04:11:07 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL030223.M
Quant Title : GC Extractables
QLast Update : Fri Mar 03 01:48:45 2023
Response via : Initial Calibration
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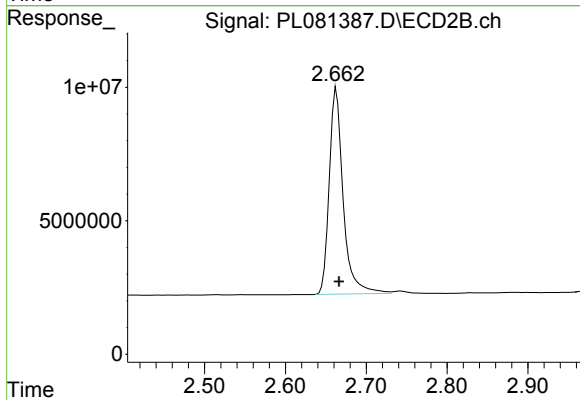
#1 Tetrachloro-m-xylene

R.T.: 3.332 min
Delta R.T.: -0.003 min
Response: 105431830
Conc: 48.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

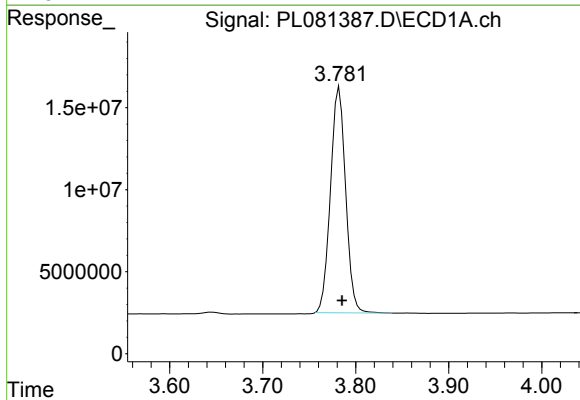
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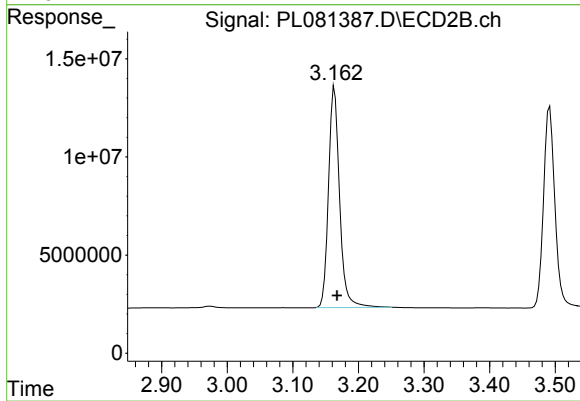
#1 Tetrachloro-m-xylene

R.T.: 2.663 min
Delta R.T.: -0.003 min
Response: 92766897
Conc: 45.84 ng/ml



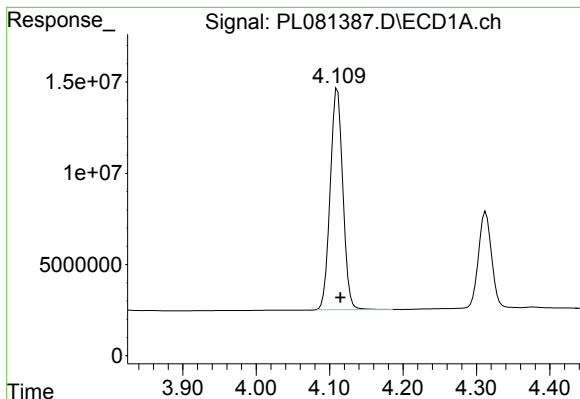
#2 alpha-BHC

R.T.: 3.782 min
Delta R.T.: -0.003 min
Response: 156048241
Conc: 49.05 ng/ml



#2 alpha-BHC

R.T.: 3.164 min
Delta R.T.: -0.004 min
Response: 132014862
Conc: 45.05 ng/ml



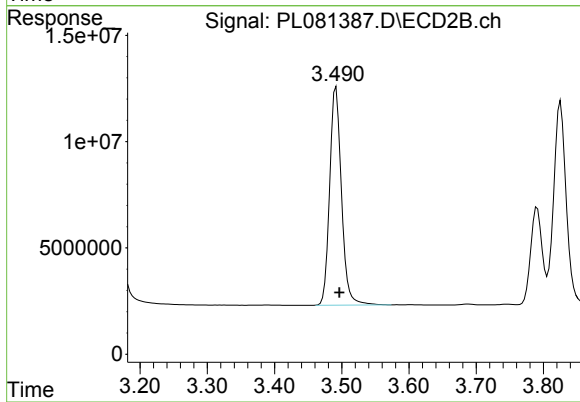
#3 gamma-BHC (Lindane)

R.T.: 4.111 min
Delta R.T.: -0.004 min
Response: 145073019
Conc: 49.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

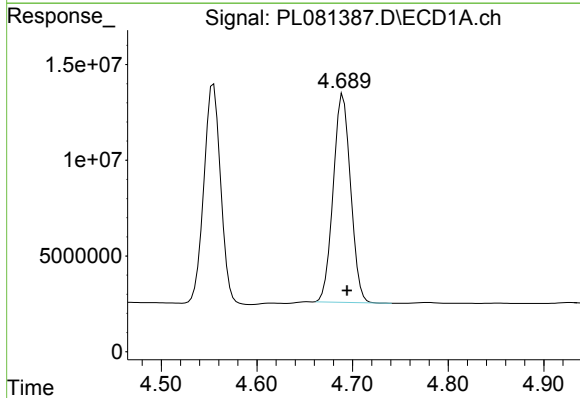
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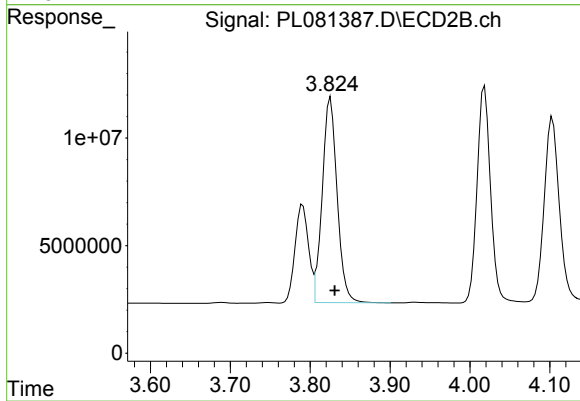
#3 gamma-BHC (Lindane)

R.T.: 3.492 min
Delta R.T.: -0.005 min
Response: 124113092
Conc: 45.11 ng/ml



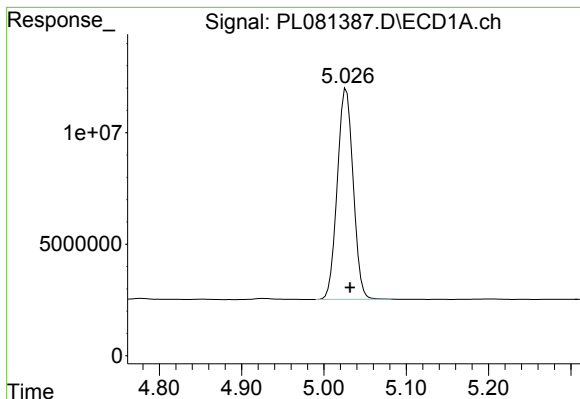
#4 Heptachlor

R.T.: 4.690 min
Delta R.T.: -0.004 min
Response: 136979203
Conc: 49.64 ng/ml



#4 Heptachlor

R.T.: 3.825 min
Delta R.T.: -0.005 min
Response: 123158934
Conc: 44.63 ng/ml



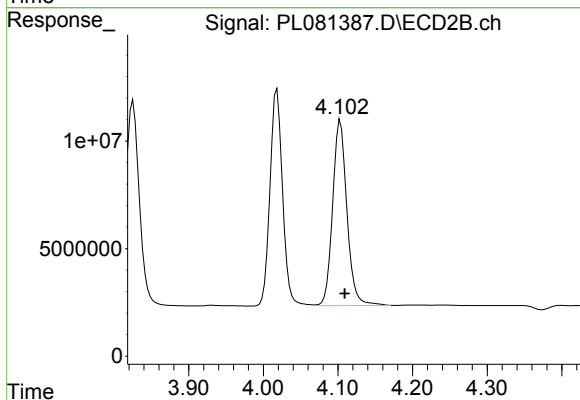
#5 Aldrin

R.T.: 5.027 min
Delta R.T.: -0.005 min
Response: 126640429
Conc: 49.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

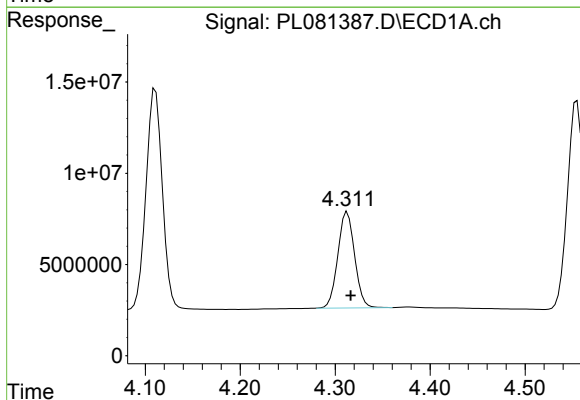
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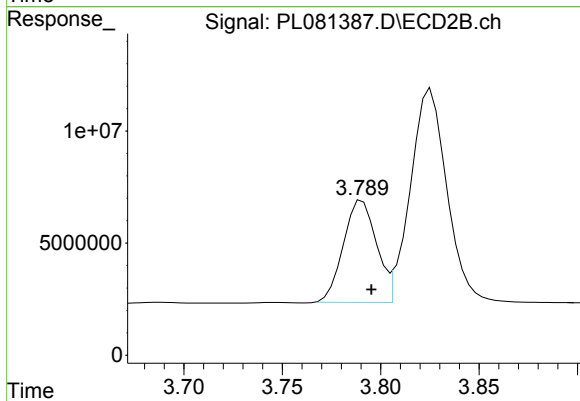
#5 Aldrin

R.T.: 4.103 min
Delta R.T.: -0.006 min
Response: 115116486
Conc: 43.91 ng/ml



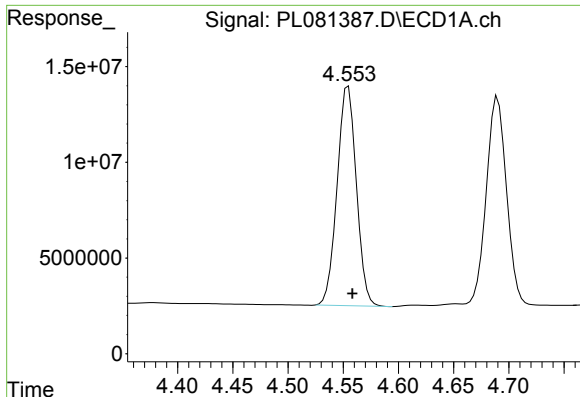
#6 beta-BHC

R.T.: 4.313 min
Delta R.T.: -0.004 min
Response: 64762751
Conc: 47.05 ng/ml



#6 beta-BHC

R.T.: 3.791 min
Delta R.T.: -0.005 min
Response: 53252326
Conc: 45.88 ng/ml



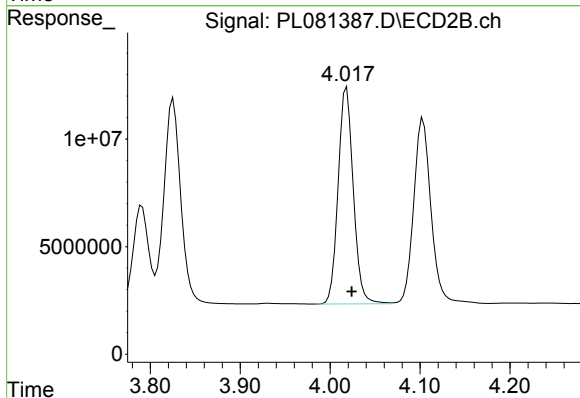
#7 delta-BHC

R.T.: 4.555 min
Delta R.T.: -0.004 min
Response: 139130601
Conc: 50.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

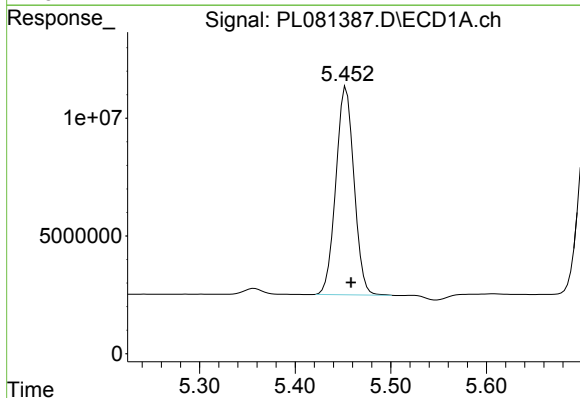
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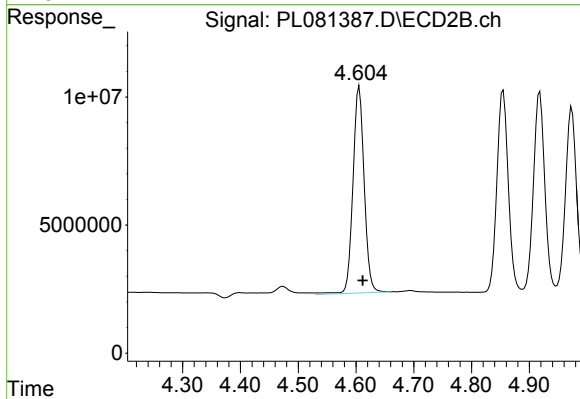
#7 delta-BHC

R.T.: 4.018 min
Delta R.T.: -0.006 min
Response: 118097924
Conc: 46.37 ng/ml



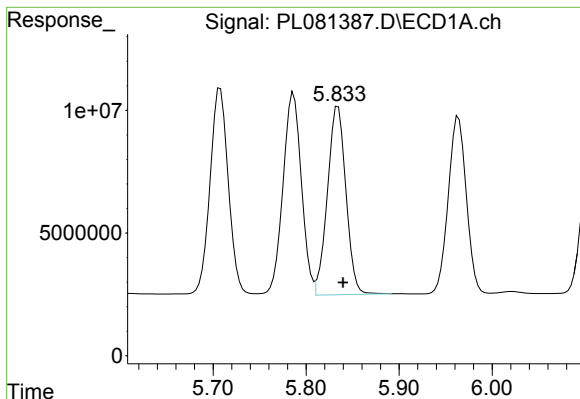
#8 Heptachlor epoxide

R.T.: 5.453 min
Delta R.T.: -0.005 min
Response: 116368667
Conc: 49.31 ng/ml



#8 Heptachlor epoxide

R.T.: 4.606 min
Delta R.T.: -0.007 min
Response: 108348536
Conc: 44.81 ng/ml



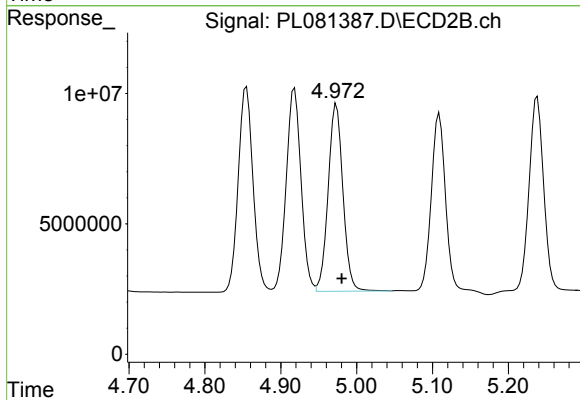
#9 Endosulfan I

R.T.: 5.834 min
Delta R.T.: -0.005 min
Response: 106156119
Conc: 50.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

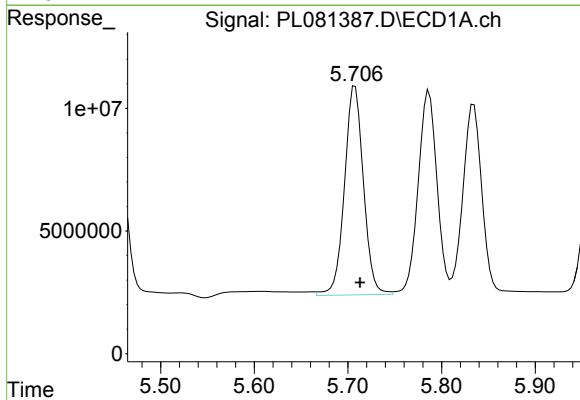
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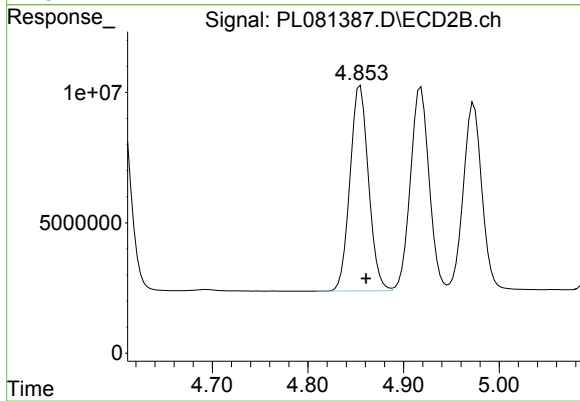
#9 Endosulfan I

R.T.: 4.973 min
Delta R.T.: -0.007 min
Response: 97400336
Conc: 43.03 ng/ml



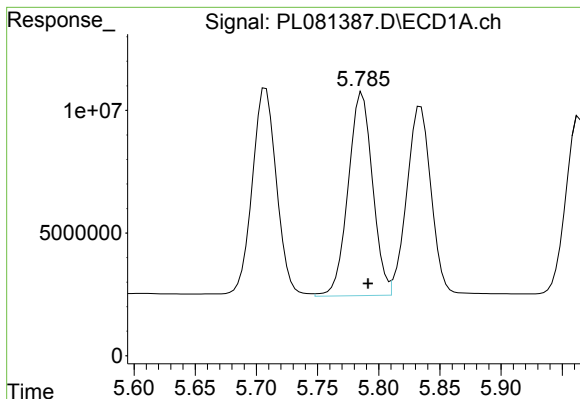
#10 gamma-Chlordane

R.T.: 5.708 min
Delta R.T.: -0.005 min
Response: 119903610
Conc: 52.55 ng/ml



#10 gamma-Chlordane

R.T.: 4.855 min
Delta R.T.: -0.006 min
Response: 106372953
Conc: 43.46 ng/ml



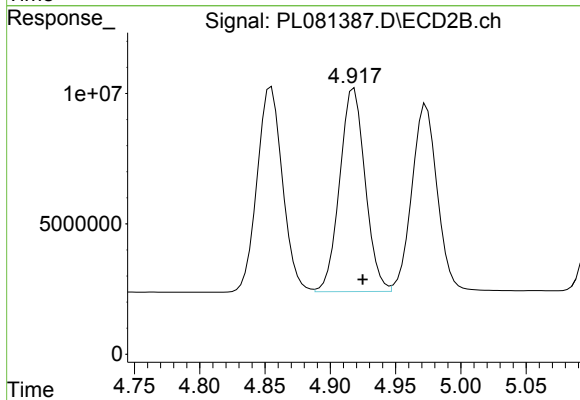
#11 alpha-Chlordane

R.T.: 5.787 min
Delta R.T.: -0.005 min
Response: 114718440
Conc: 50.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

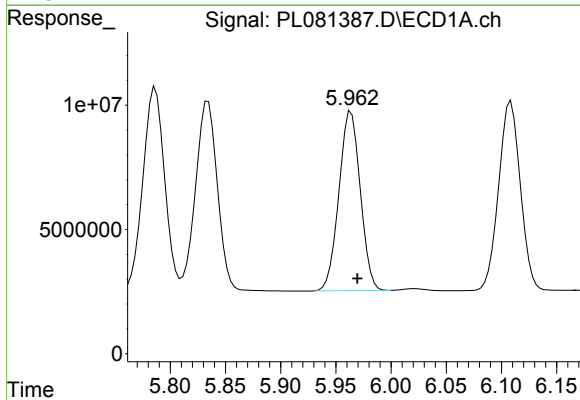
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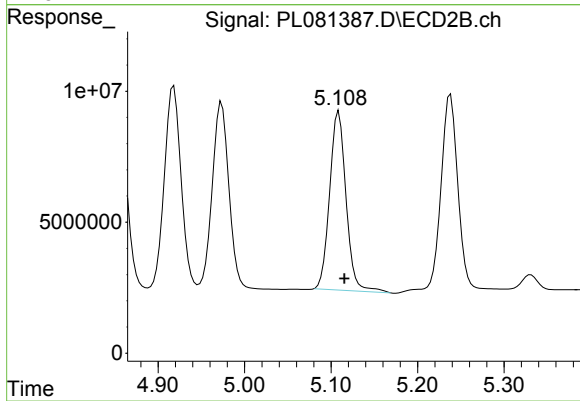
#11 alpha-Chlordane

R.T.: 4.918 min
Delta R.T.: -0.007 min
Response: 105956098
Conc: 43.27 ng/ml



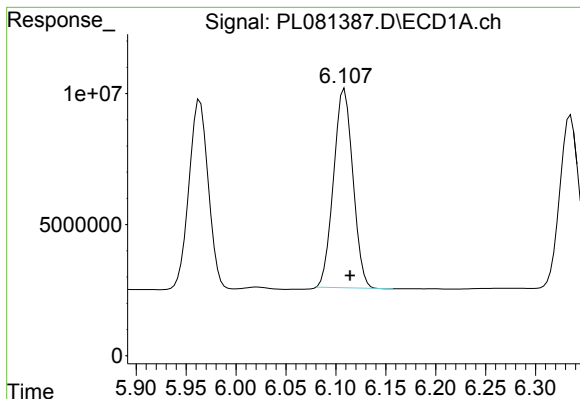
#12 4,4'-DDE

R.T.: 5.964 min
Delta R.T.: -0.006 min
Response: 97157128
Conc: 49.66 ng/ml



#12 4,4'-DDE

R.T.: 5.109 min
Delta R.T.: -0.007 min
Response: 89586452
Conc: 45.64 ng/ml



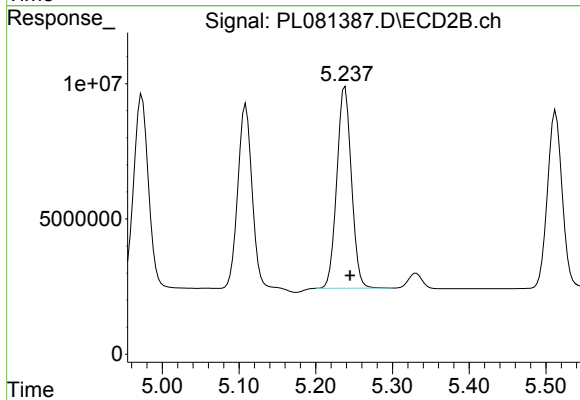
#13 Dieldrin

R.T.: 6.109 min
Delta R.T.: -0.006 min
Response: 102370322
Conc: 48.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

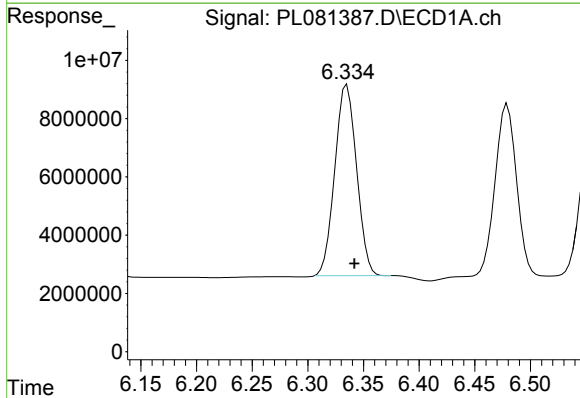
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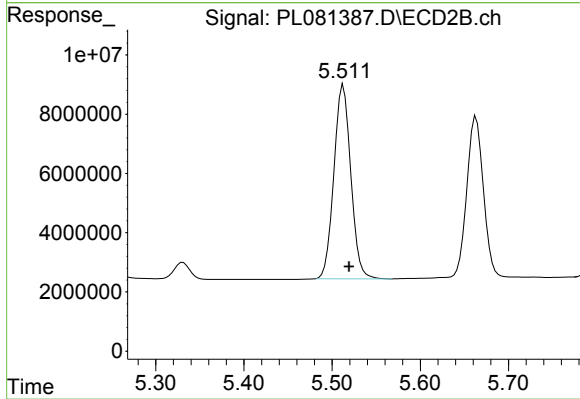
#13 Dieldrin

R.T.: 5.238 min
Delta R.T.: -0.007 min
Response: 98650351
Conc: 43.76 ng/ml



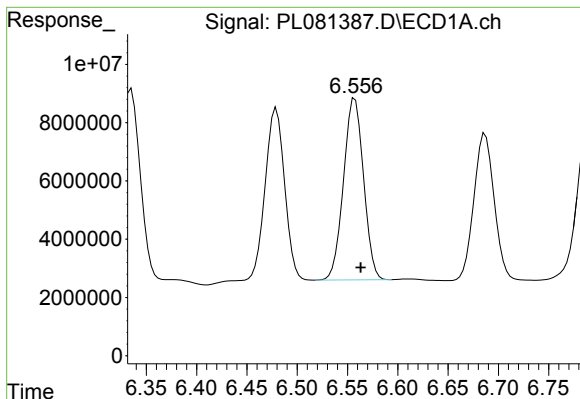
#14 Endrin

R.T.: 6.335 min
Delta R.T.: -0.007 min
Response: 89377281
Conc: 49.18 ng/ml



#14 Endrin

R.T.: 5.513 min
Delta R.T.: -0.006 min
Response: 87320968
Conc: 43.45 ng/ml



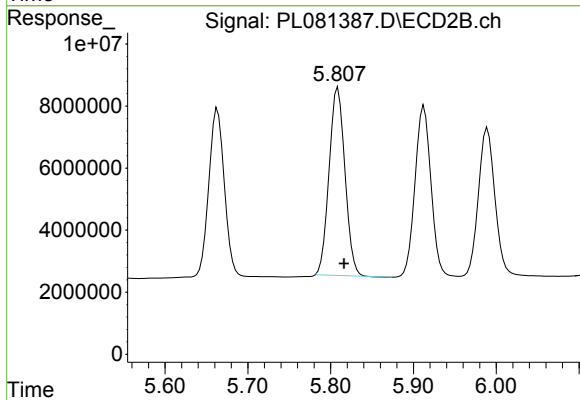
#15 Endosulfan II

R.T.: 6.557 min
Delta R.T.: -0.006 min
Response: 86171845
Conc: 49.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

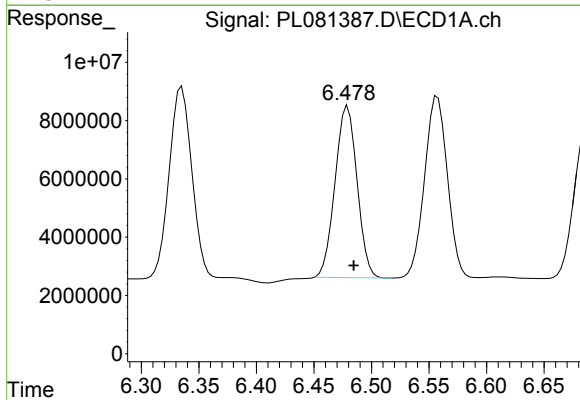
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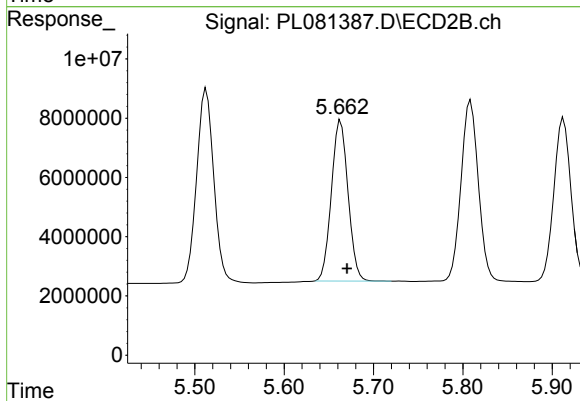
#15 Endosulfan II

R.T.: 5.809 min
Delta R.T.: -0.007 min
Response: 80590324
Conc: 43.71 ng/ml



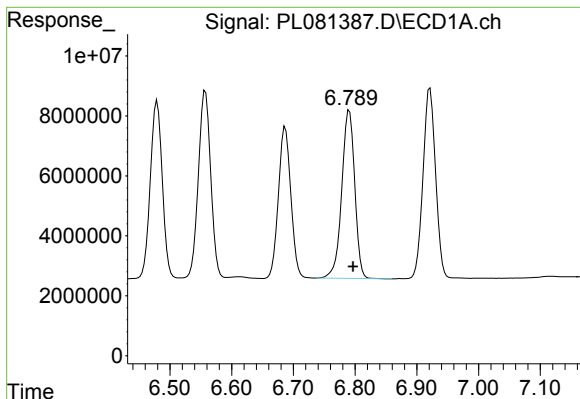
#16 4,4'-DDD

R.T.: 6.479 min
Delta R.T.: -0.005 min
Response: 78493124
Conc: 50.99 ng/ml



#16 4,4'-DDD

R.T.: 5.663 min
Delta R.T.: -0.007 min
Response: 70338455
Conc: 45.85 ng/ml



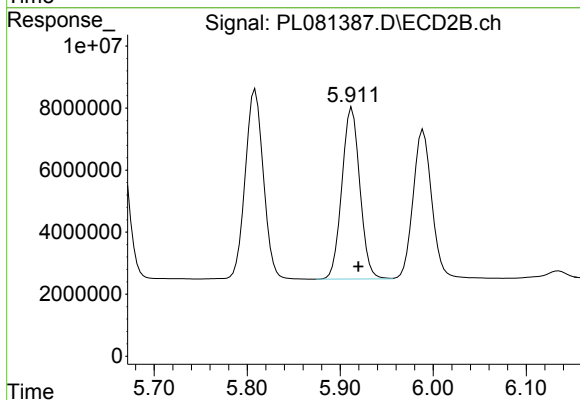
#17 4,4'-DDT

R.T.: 6.791 min
Delta R.T.: -0.006 min
Response: 82082139
Conc: 51.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

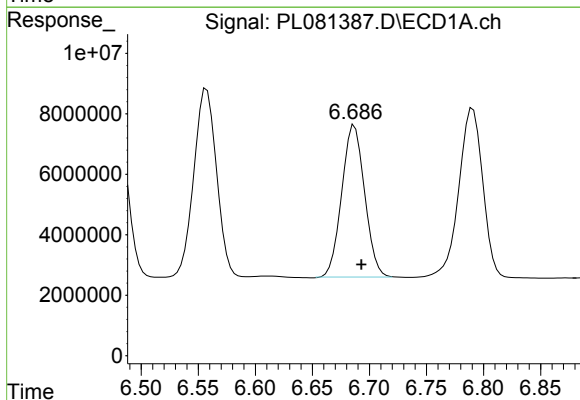
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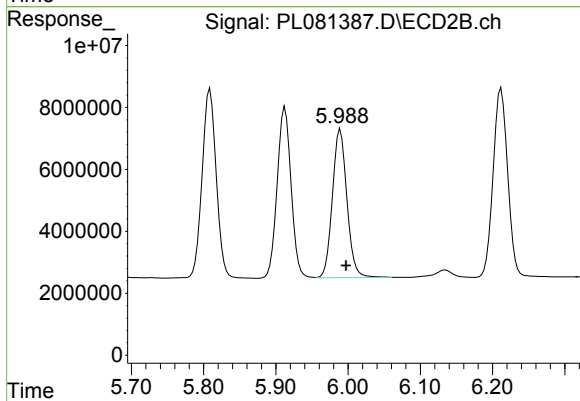
#17 4,4'-DDT

R.T.: 5.913 min
Delta R.T.: -0.007 min
Response: 74217347
Conc: 46.26 ng/ml



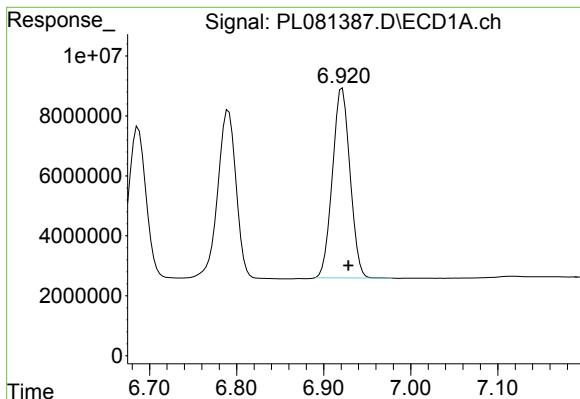
#18 Endrin aldehyde

R.T.: 6.686 min
Delta R.T.: -0.008 min
Response: 70154189
Conc: 49.01 ng/ml m



#18 Endrin aldehyde

R.T.: 5.989 min
Delta R.T.: -0.008 min
Response: 67022024
Conc: 44.24 ng/ml



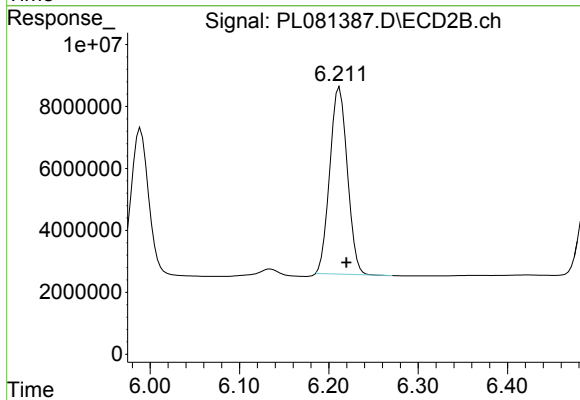
#19 Endosulfan Sulfate

R.T.: 6.921 min
Delta R.T.: -0.007 min
Response: 88915978
Conc: 49.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

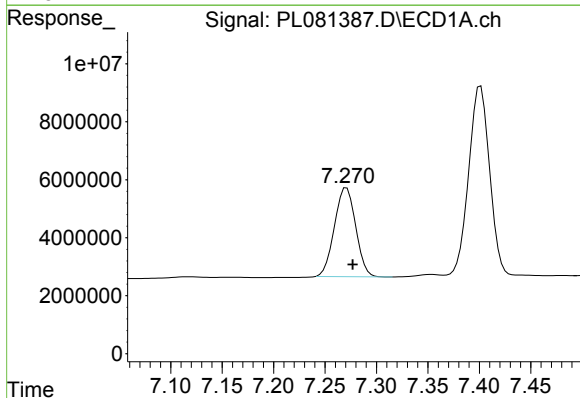
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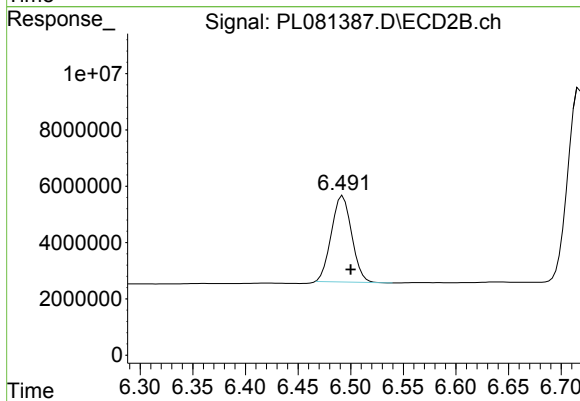
#19 Endosulfan Sulfate

R.T.: 6.212 min
Delta R.T.: -0.008 min
Response: 82363705
Conc: 42.85 ng/ml



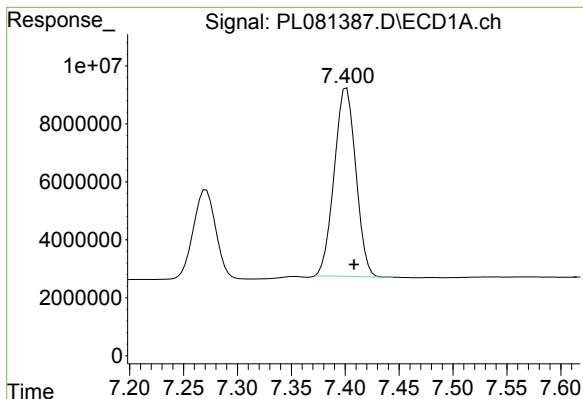
#20 Methoxychlor

R.T.: 7.271 min
Delta R.T.: -0.006 min
Response: 44080973
Conc: 51.18 ng/ml



#20 Methoxychlor

R.T.: 6.492 min
Delta R.T.: -0.007 min
Response: 41119923
Conc: 44.31 ng/ml



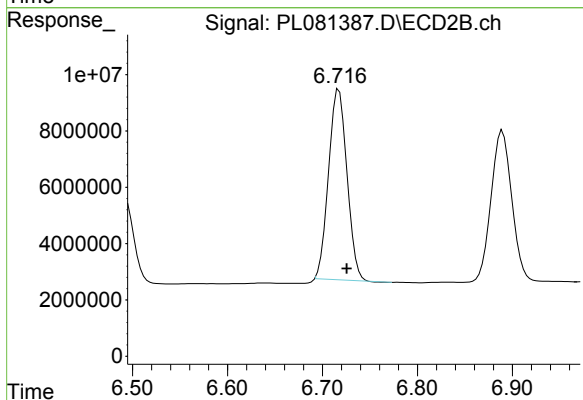
#21 Endrin ketone

R.T.: 7.401 min
Delta R.T.: -0.007 min
Response: 90493465
Conc: 49.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

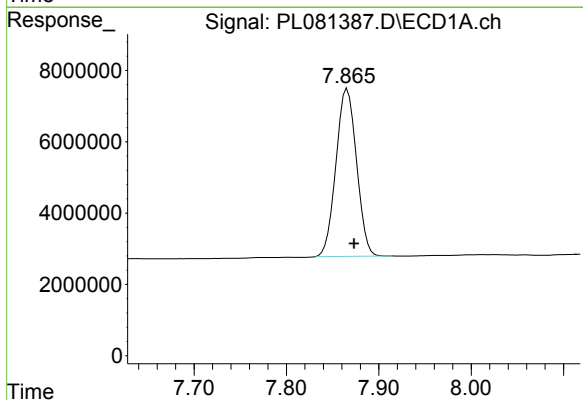
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Reviewed By :Abdul Mirza 03/10/2023
Supervised By :Ankita Jodhani 03/10/2023



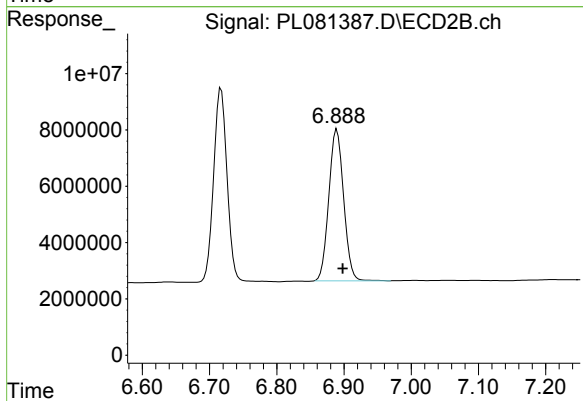
#21 Endrin ketone

R.T.: 6.717 min
Delta R.T.: -0.008 min
Response: 91047711
Conc: 42.29 ng/ml



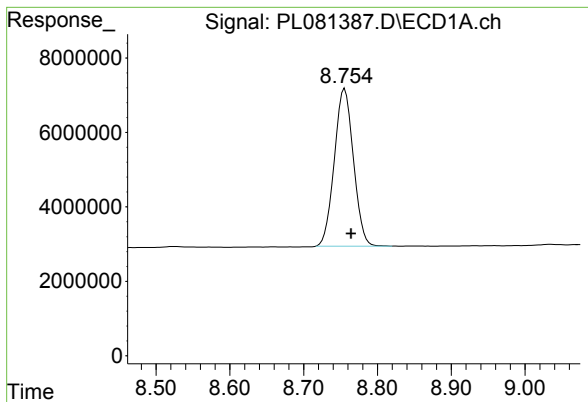
#22 Mirex

R.T.: 7.866 min
Delta R.T.: -0.008 min
Response: 72897143
Conc: 49.96 ng/ml



#22 Mirex

R.T.: 6.890 min
Delta R.T.: -0.008 min
Response: 81679337
Conc: 42.44 ng/ml



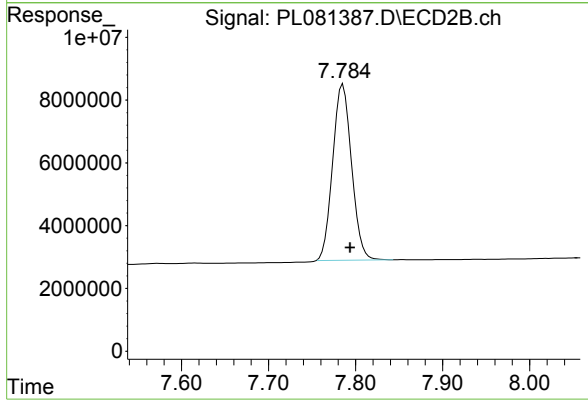
#28 Decachlorobiphenyl

R.T.: 8.756 min
Delta R.T.: -0.009 min
Response: 76137113
Conc: 49.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/10/2023
Supervised By :Ankita Jodhani 03/10/2023



#28 Decachlorobiphenyl

R.T.: 7.786 min
Delta R.T.: -0.008 min
Response: 84528233
Conc: 44.13 ng/ml