

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110722\
 Data File : PL078901.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Nov 2022 04:20
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/08/2022
 Supervised By : Ankita Jodhani 11/10/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 08 06:44:30 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102122.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 21 07:08:41 2022
 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...	3.321	2.568	103.3E6	132.7E6	54.171	51.993
28)	SA Decachlor...	8.769	7.635	76253329	101.6E6	50.688	53.615
Target Compounds							
2)	A alpha-BHC	3.781	3.054	161.0E6	205.4E6	56.065	52.003
3)	MA gamma-BHC...	4.114	3.375	149.2E6	188.7E6	55.857	52.488
4)	MA Heptachlor	4.685	3.703	145.9E6	178.0E6	56.197	51.326
5)	MB Aldrin	5.022	3.973	141.8E6	188.7E6	57.272	53.883
6)	B beta-BHC	4.329	3.675	64080815	73798514	55.627	51.433
7)	B delta-BHC	4.569	3.895	135.3E6	190.3E6	59.443	52.251
8)	B Heptachlo...	5.456	4.470	131.3E6	161.6E6	61.855	53.640
9)	A Endosulfan I	5.840	4.833	118.7E6	149.6E6	55.637	52.249
10)	B gamma-Chl...	5.711	4.718	129.7E6	161.3E6	57.458	52.640
11)	B alpha-Chl...	5.787	4.780	127.6E6	157.5E6	55.142	52.839
12)	B 4,4'-DDE	5.971	4.975	111.5E6	143.7E6	55.697	52.797
13)	MA Dieldrin	6.118	5.093	120.2E6	160.5E6	55.720	54.183m
14)	MA Endrin	6.348	5.365	93887850	126.7E6	49.471	48.615
15)	B Endosulfa...	6.578	5.661	95632278	127.9E6	50.972	56.188
16)	A 4,4'-DDD	6.496	5.526	98123406	131.6E6	58.861	59.900
17)	MA 4,4'-DDT	6.805	5.771	81338046	105.9E6	45.381	48.826m
18)	B Endrin al...	6.709	5.840	77199437	100.7E6	53.056	53.669
19)	B Endosulfa...	6.942	6.063	97994280	130.5E6	53.260	54.816
20)	A Methoxychlor	7.289	6.349	41360628	55518309	44.914	48.924
21)	B Endrin ke...	7.428	6.558	104.3E6	154.2E6	55.464	59.640
22)	Mirex	7.885	6.731	75925944	105.2E6	52.011	53.441

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110722\
 Data File : PL078901.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Nov 2022 04:20
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

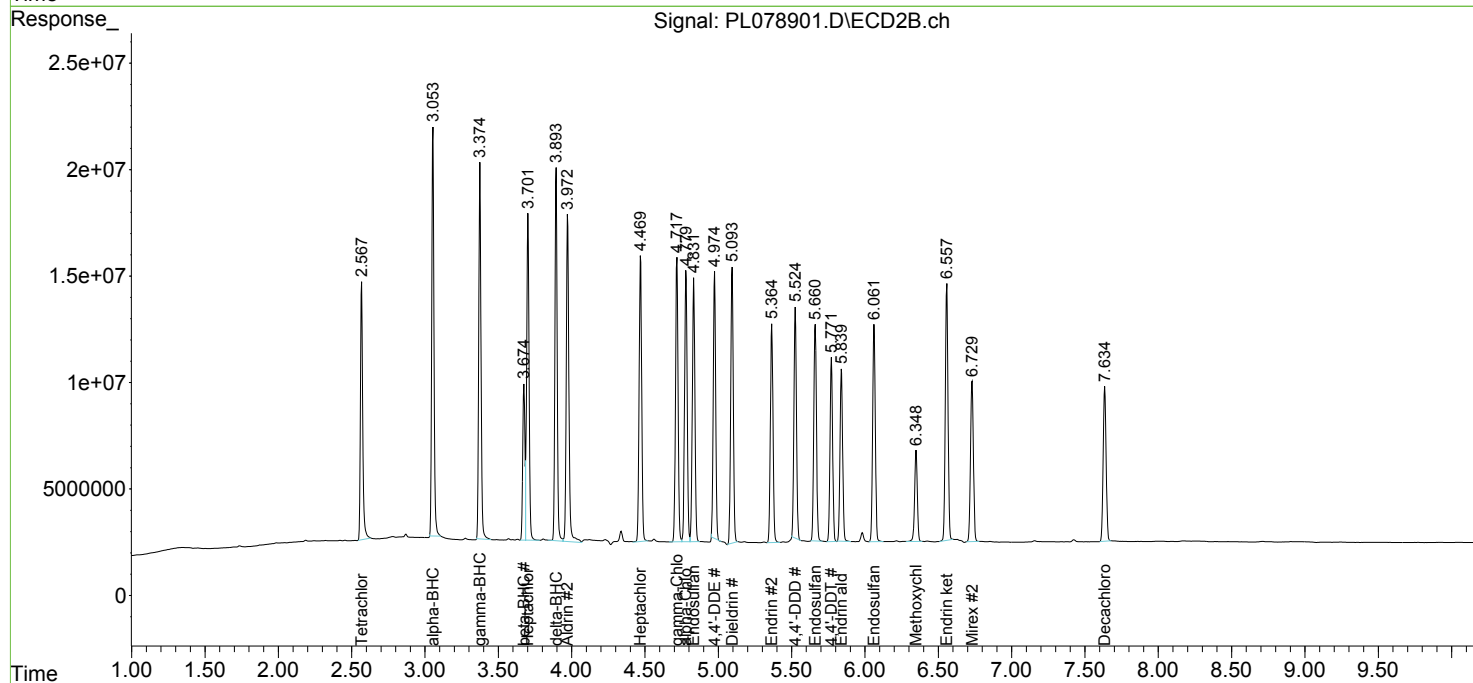
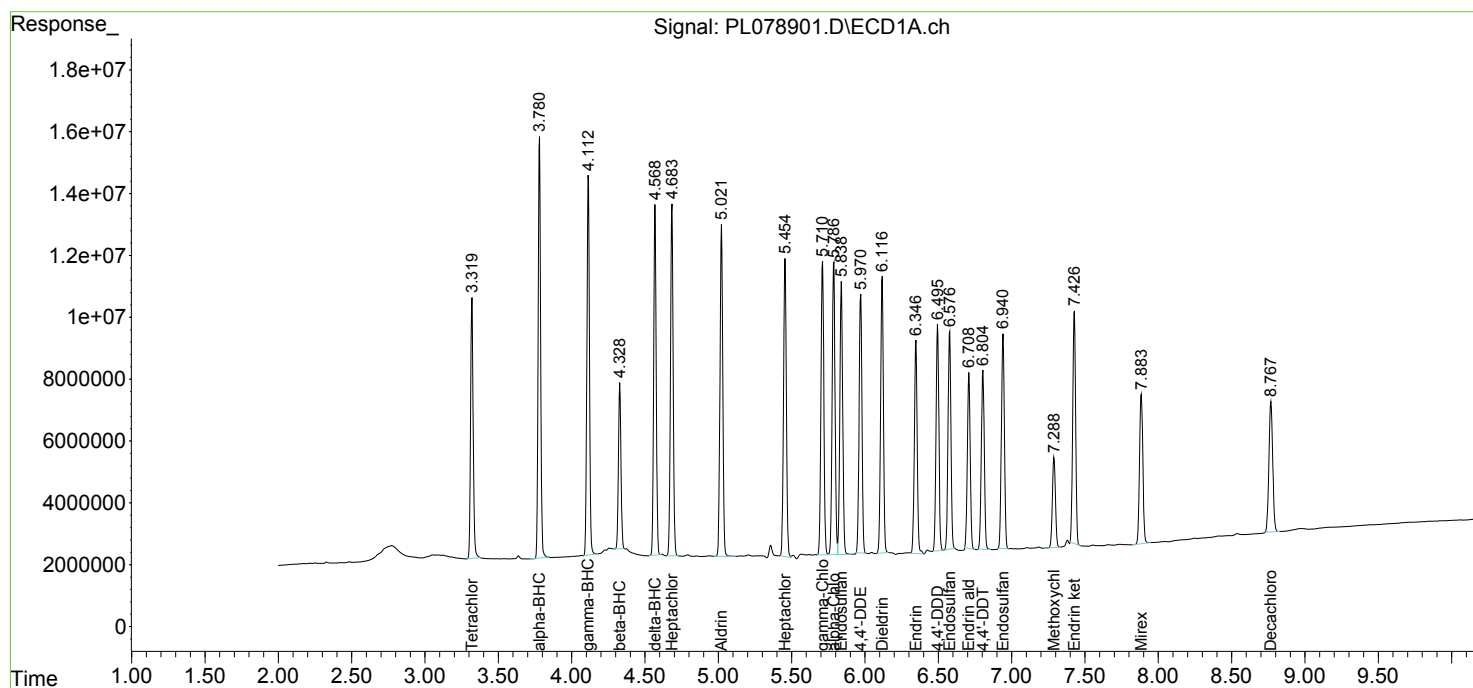
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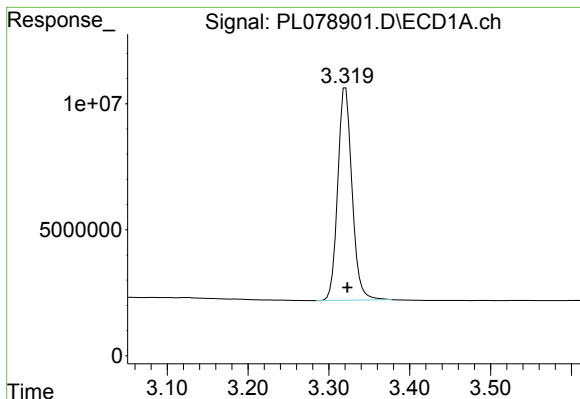
Reviewed By :Abdul Mirza 11/08/2022

Supervised By :Ankita Jodhani 11/10/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 08 06:44:30 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102122.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 21 07:08:41 2022
 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





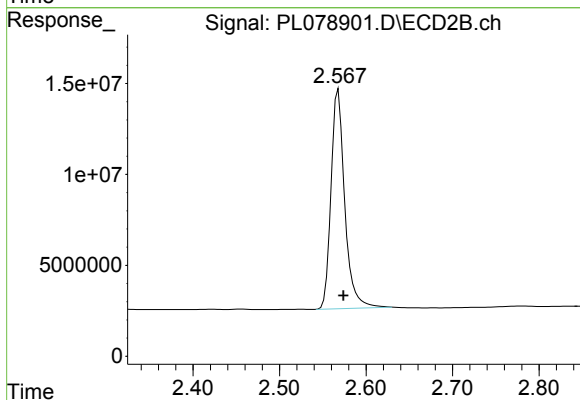
#1 Tetrachloro-m-xylene

R.T.: 3.321 min
Delta R.T.: -0.002 min
Response: 103305420
Conc: 54.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

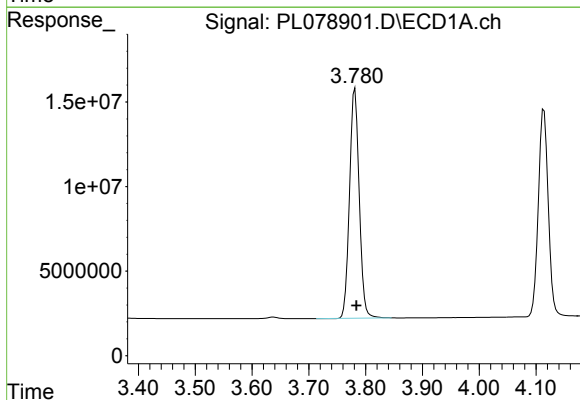
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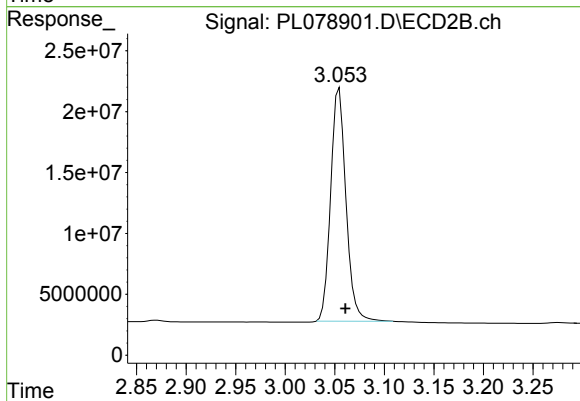
#1 Tetrachloro-m-xylene

R.T.: 2.568 min
Delta R.T.: -0.006 min
Response: 132748386
Conc: 51.99 ng/ml



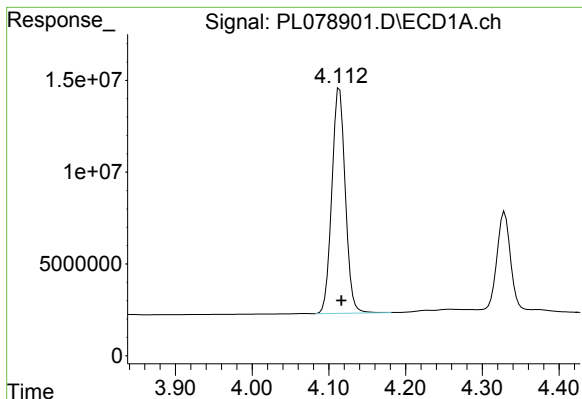
#2 alpha-BHC

R.T.: 3.781 min
Delta R.T.: -0.003 min
Response: 160984334
Conc: 56.07 ng/ml



#2 alpha-BHC

R.T.: 3.054 min
Delta R.T.: -0.006 min
Response: 205359696
Conc: 52.00 ng/ml



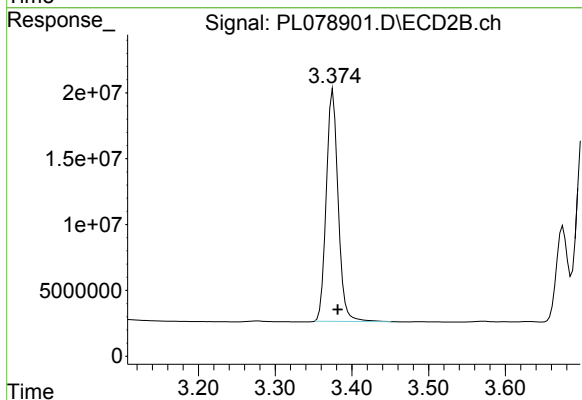
#3 gamma-BHC (Lindane)

R.T.: 4.114 min
Delta R.T.: -0.003 min
Response: 149235172
Conc: 55.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

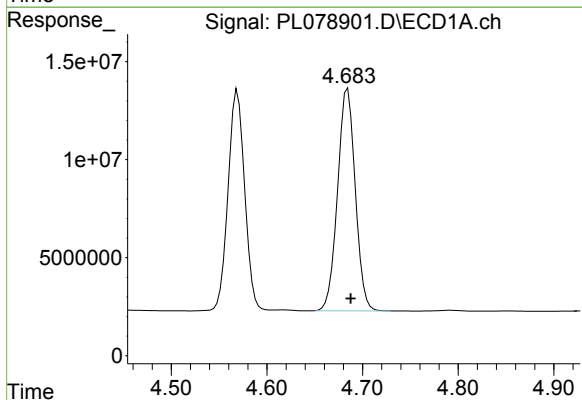
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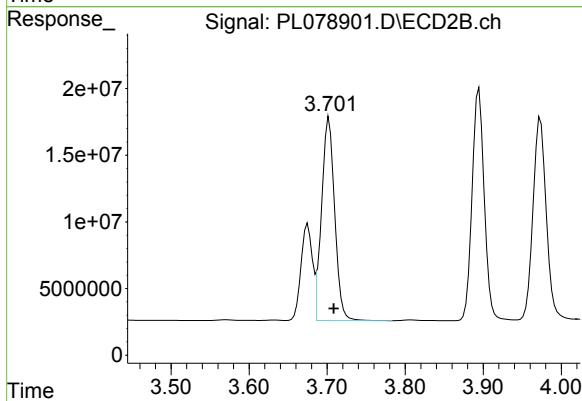
#3 gamma-BHC (Lindane)

R.T.: 3.375 min
Delta R.T.: -0.006 min
Response: 188650099
Conc: 52.49 ng/ml



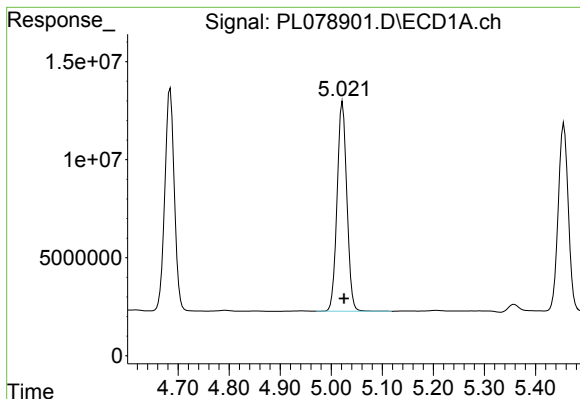
#4 Heptachlor

R.T.: 4.685 min
Delta R.T.: -0.003 min
Response: 145887593
Conc: 56.20 ng/ml



#4 Heptachlor

R.T.: 3.703 min
Delta R.T.: -0.006 min
Response: 177987515
Conc: 51.33 ng/ml



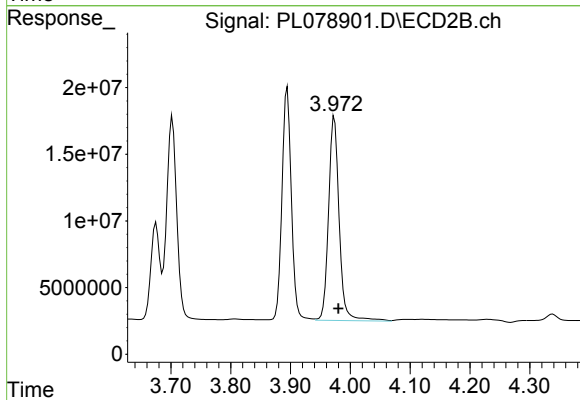
#5 Aldrin

R.T.: 5.022 min
Delta R.T.: -0.003 min
Response: 141844880
Conc: 57.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

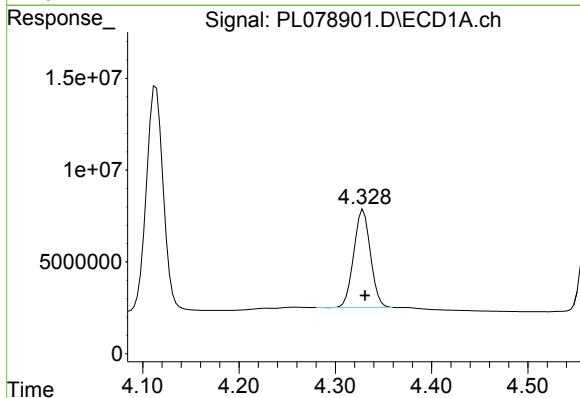
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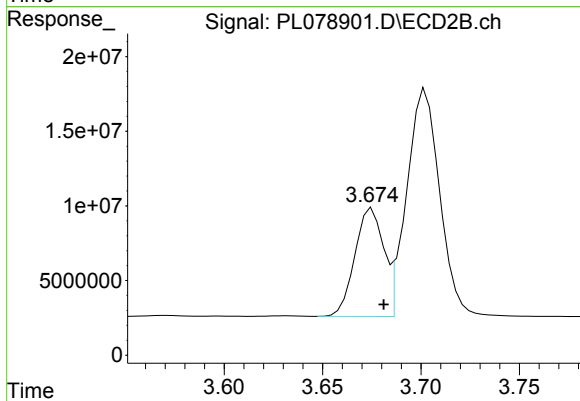
#5 Aldrin

R.T.: 3.973 min
Delta R.T.: -0.007 min
Response: 188680810
Conc: 53.88 ng/ml



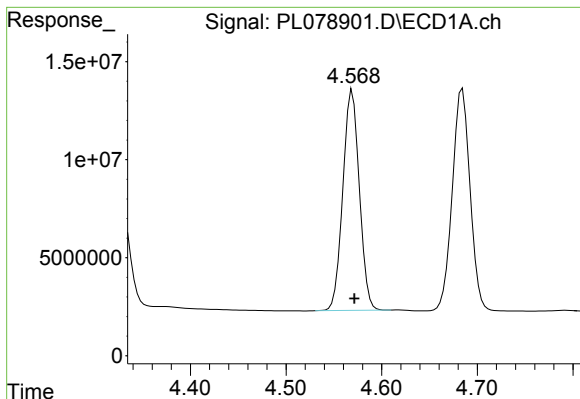
#6 beta-BHC

R.T.: 4.329 min
Delta R.T.: -0.002 min
Response: 64080815
Conc: 55.63 ng/ml



#6 beta-BHC

R.T.: 3.675 min
Delta R.T.: -0.006 min
Response: 73798514
Conc: 51.43 ng/ml



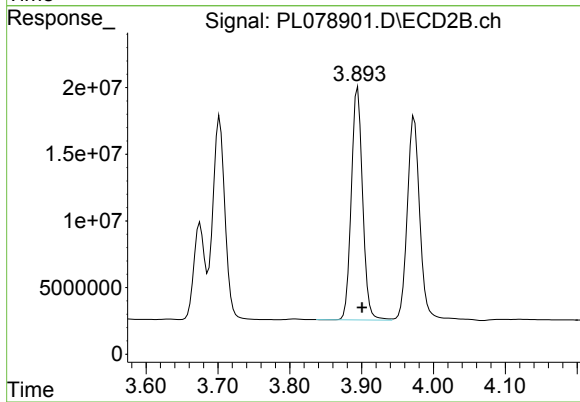
#7 delta-BHC

R.T.: 4.569 min
Delta R.T.: -0.002 min
Response: 135343384
Conc: 59.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

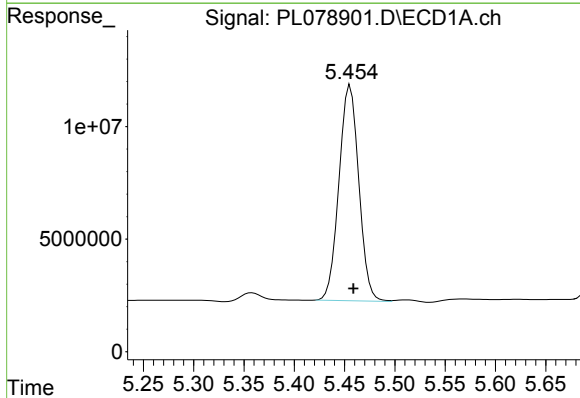
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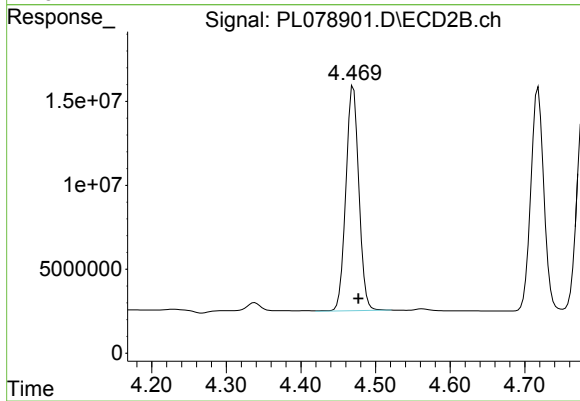
#7 delta-BHC

R.T.: 3.895 min
Delta R.T.: -0.006 min
Response: 190264468
Conc: 52.25 ng/ml



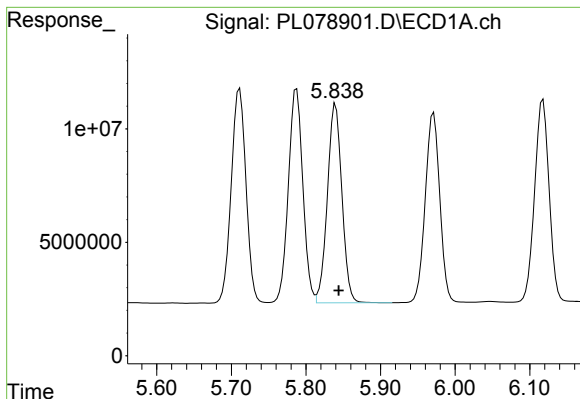
#8 Heptachlor epoxide

R.T.: 5.456 min
Delta R.T.: -0.003 min
Response: 131319027
Conc: 61.86 ng/ml



#8 Heptachlor epoxide

R.T.: 4.470 min
Delta R.T.: -0.007 min
Response: 161630193
Conc: 53.64 ng/ml



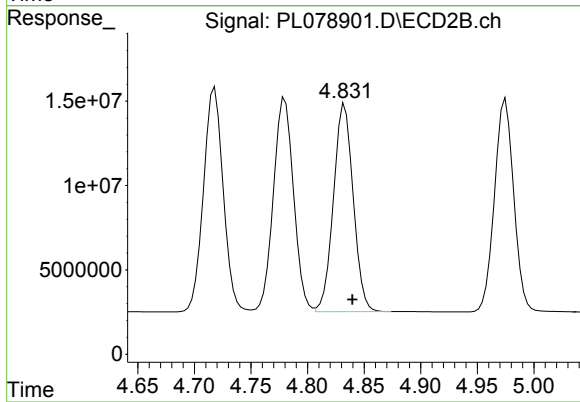
#9 Endosulfan I

R.T.: 5.840 min
Delta R.T.: -0.004 min
Response: 118706802
Conc: 55.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

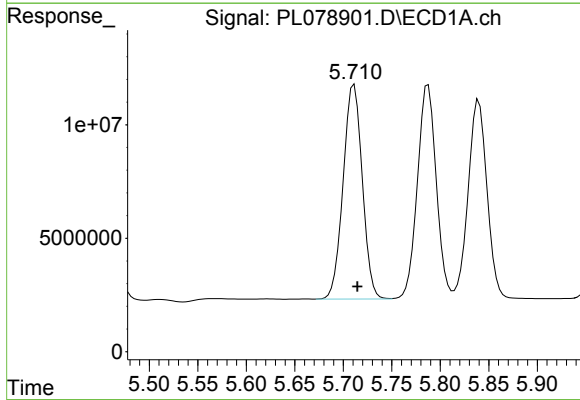
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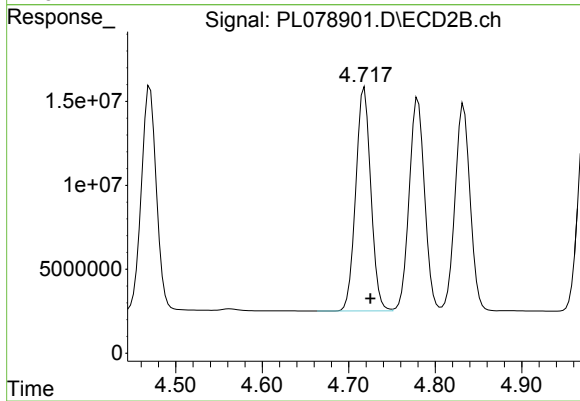
#9 Endosulfan I

R.T.: 4.833 min
Delta R.T.: -0.007 min
Response: 149571106
Conc: 52.25 ng/ml



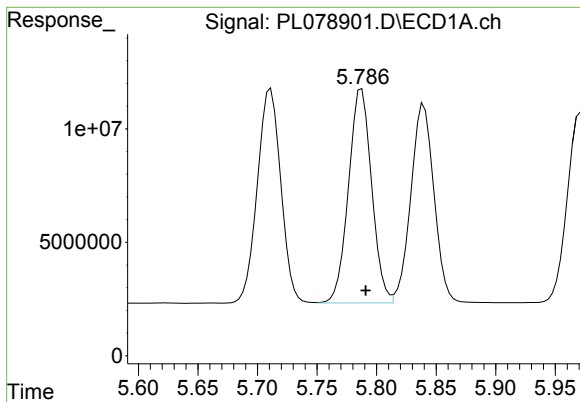
#10 gamma-Chlordane

R.T.: 5.711 min
Delta R.T.: -0.003 min
Response: 129690691
Conc: 57.46 ng/ml



#10 gamma-Chlordane

R.T.: 4.718 min
Delta R.T.: -0.007 min
Response: 161312336
Conc: 52.64 ng/ml



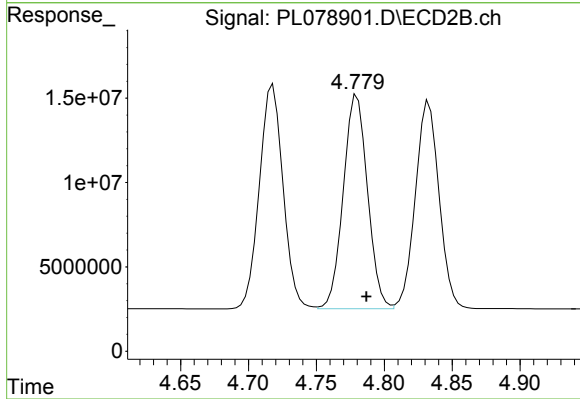
#11 alpha-Chlordane

R.T.: 5.787 min
Delta R.T.: -0.003 min
Response: 127585934
Conc: 55.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

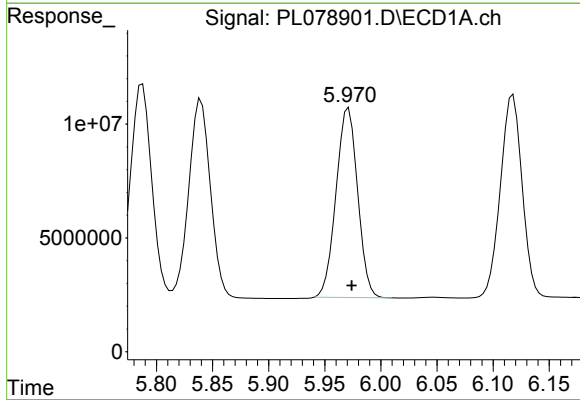
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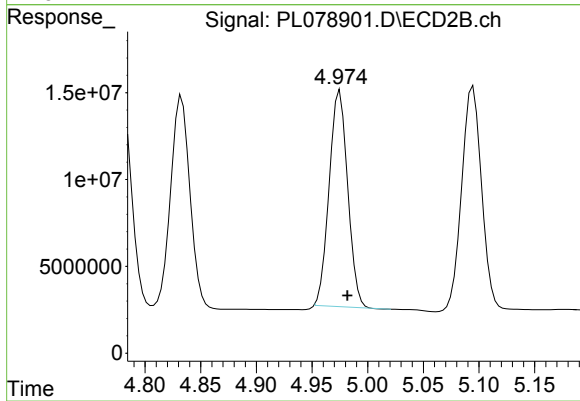
#11 alpha-Chlordane

R.T.: 4.780 min
Delta R.T.: -0.007 min
Response: 157481279
Conc: 52.84 ng/ml



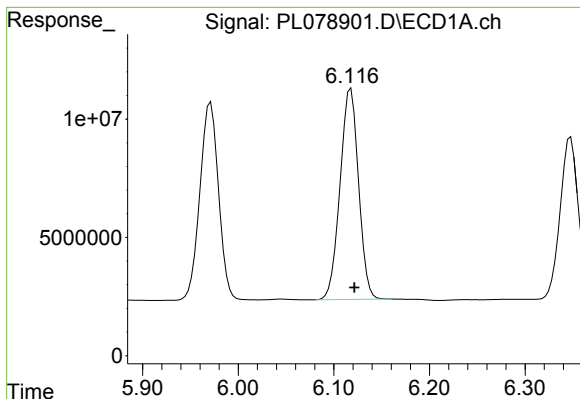
#12 4,4'-DDE

R.T.: 5.971 min
Delta R.T.: -0.003 min
Response: 111470015
Conc: 55.70 ng/ml



#12 4,4'-DDE

R.T.: 4.975 min
Delta R.T.: -0.007 min
Response: 143740411
Conc: 52.80 ng/ml



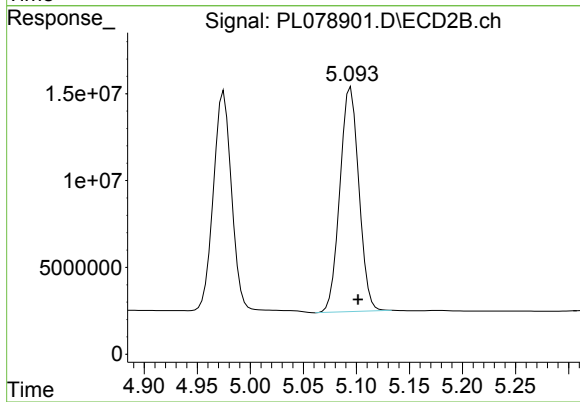
#13 Dieldrin

R.T.: 6.118 min
Delta R.T.: -0.004 min
Response: 120160616
Conc: 55.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

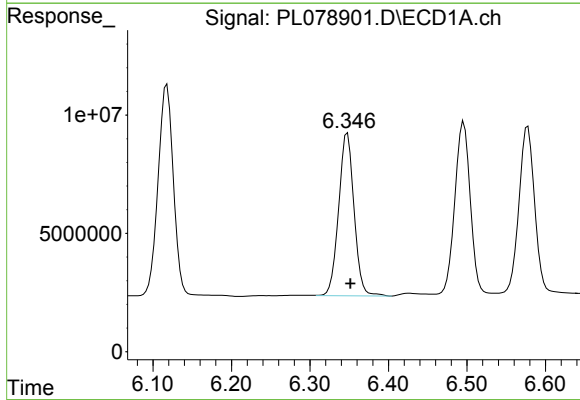
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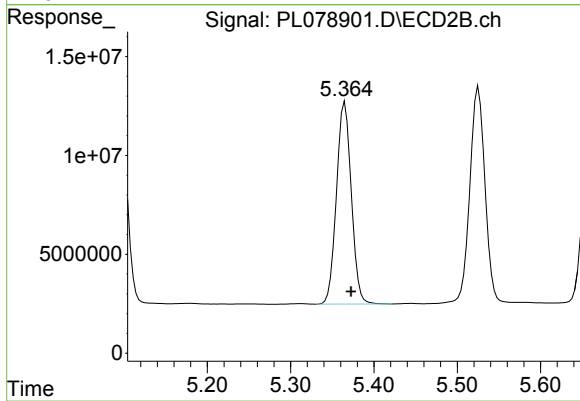
#13 Dieldrin

R.T.: 5.093 min
Delta R.T.: -0.008 min
Response: 160548764
Conc: 54.18 ng/ml m



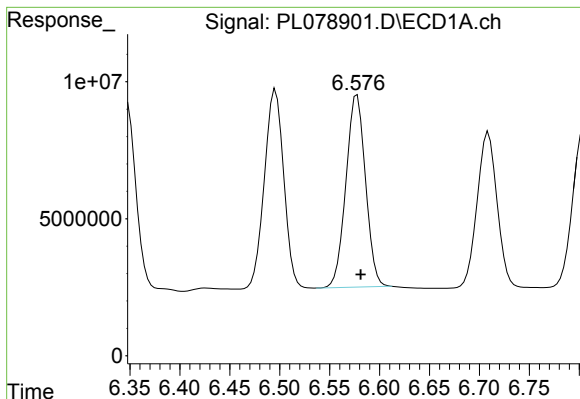
#14 Endrin

R.T.: 6.348 min
Delta R.T.: -0.004 min
Response: 93887850
Conc: 49.47 ng/ml



#14 Endrin

R.T.: 5.365 min
Delta R.T.: -0.007 min
Response: 126654524
Conc: 48.62 ng/ml



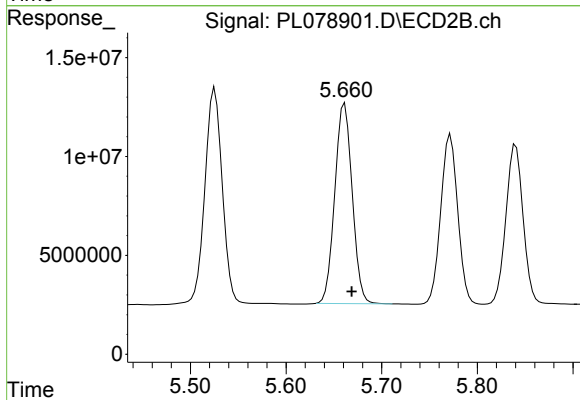
#15 Endosulfan II

R.T.: 6.578 min
Delta R.T.: -0.004 min
Response: 95632278
Conc: 50.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

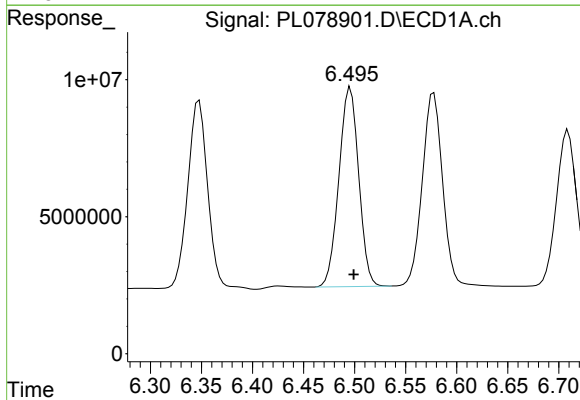
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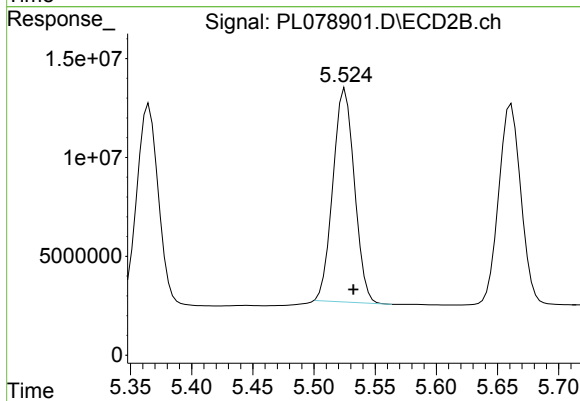
#15 Endosulfan II

R.T.: 5.661 min
Delta R.T.: -0.007 min
Response: 127897895
Conc: 56.19 ng/ml



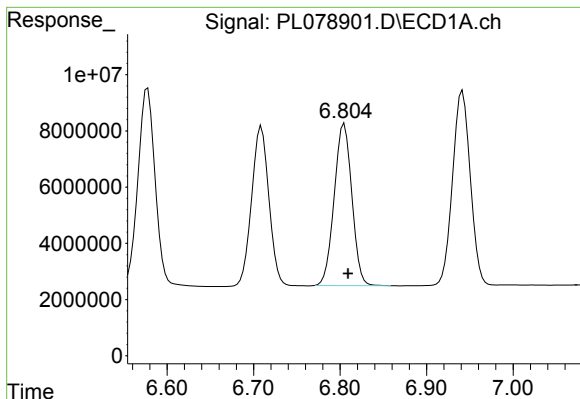
#16 4,4'-DDD

R.T.: 6.496 min
Delta R.T.: -0.003 min
Response: 98123406
Conc: 58.86 ng/ml



#16 4,4'-DDD

R.T.: 5.526 min
Delta R.T.: -0.007 min
Response: 131562414
Conc: 59.90 ng/ml



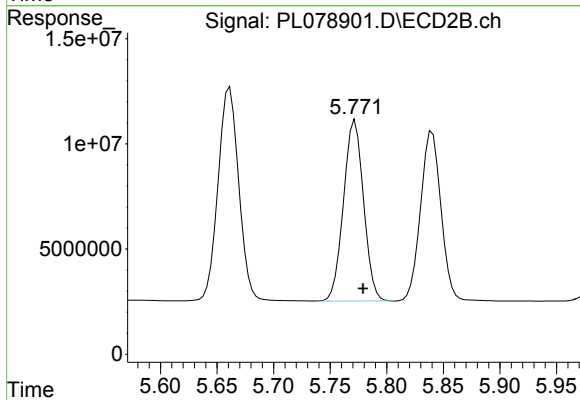
#17 4,4'-DDT

R.T.: 6.805 min
Delta R.T.: -0.004 min
Response: 81338046
Conc: 45.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

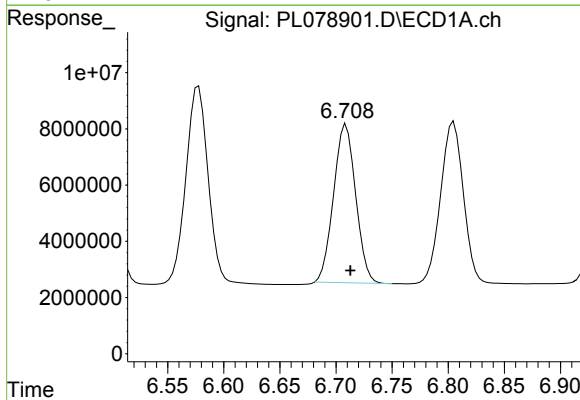
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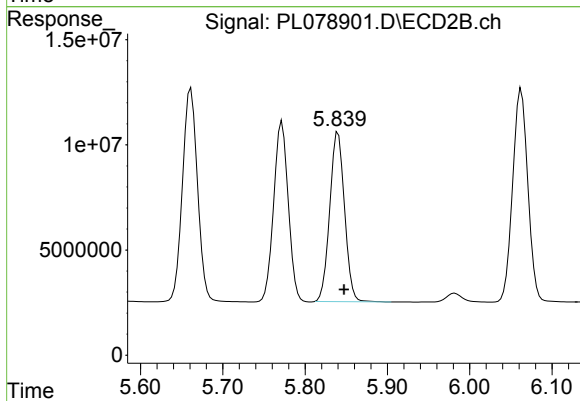
#17 4,4'-DDT

R.T.: 5.771 min
Delta R.T.: -0.008 min
Response: 105909339
Conc: 48.83 ng/ml m



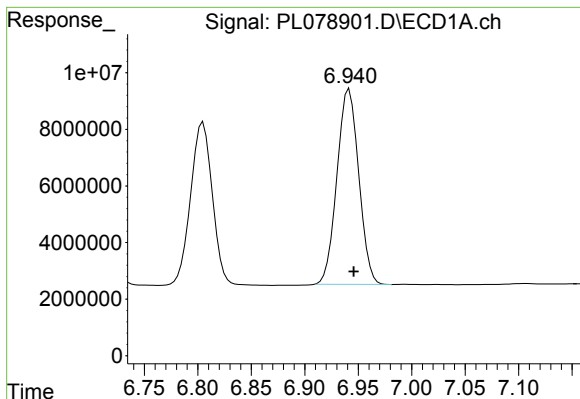
#18 Endrin aldehyde

R.T.: 6.709 min
Delta R.T.: -0.004 min
Response: 77199437
Conc: 53.06 ng/ml



#18 Endrin aldehyde

R.T.: 5.840 min
Delta R.T.: -0.007 min
Response: 100724068
Conc: 53.67 ng/ml



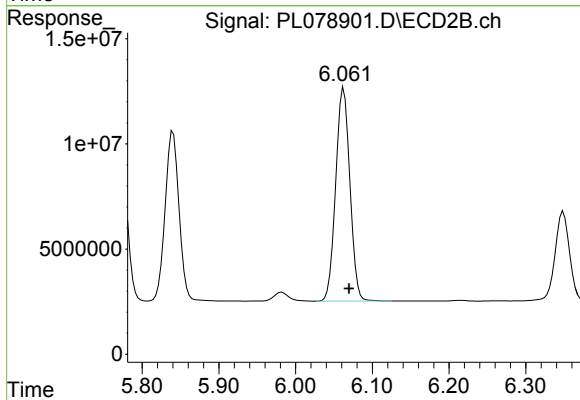
#19 Endosulfan Sulfate

R.T.: 6.942 min
Delta R.T.: -0.004 min
Response: 97994280
Conc: 53.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

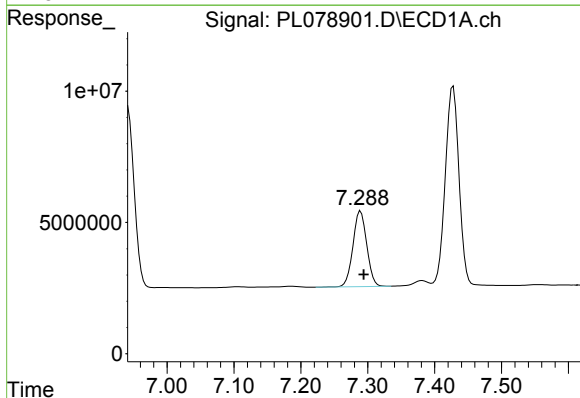
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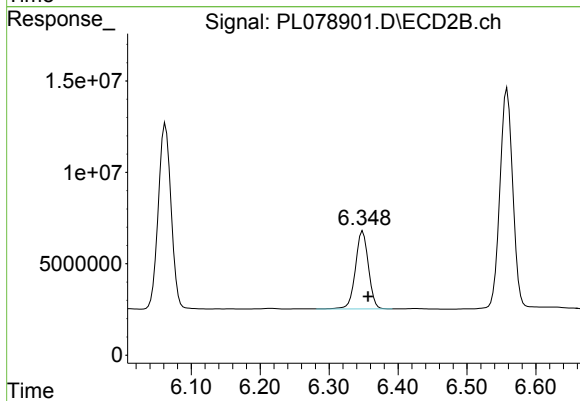
#19 Endosulfan Sulfate

R.T.: 6.063 min
Delta R.T.: -0.007 min
Response: 130490013
Conc: 54.82 ng/ml



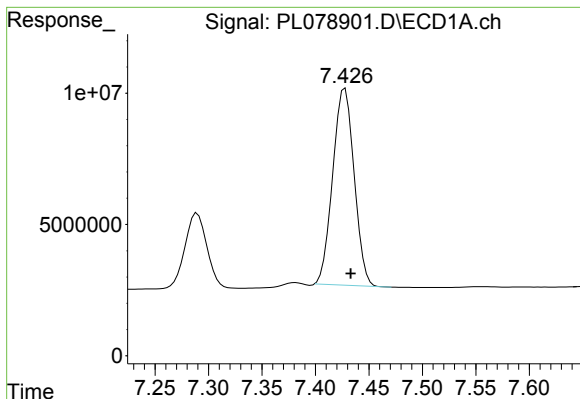
#20 Methoxychlor

R.T.: 7.289 min
Delta R.T.: -0.005 min
Response: 41360628
Conc: 44.91 ng/ml



#20 Methoxychlor

R.T.: 6.349 min
Delta R.T.: -0.008 min
Response: 55518309
Conc: 48.92 ng/ml



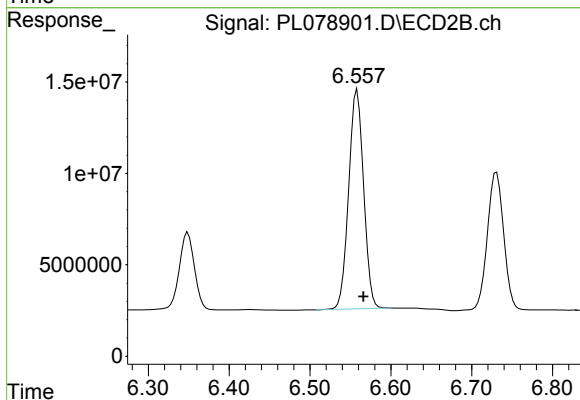
#21 Endrin ketone

R.T.: 7.428 min
Delta R.T.: -0.005 min
Response: 104349271
Conc: 55.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

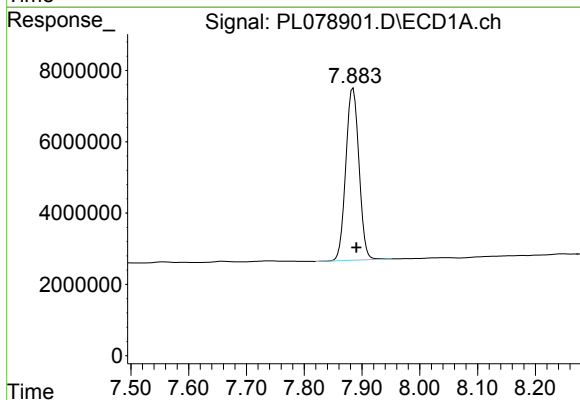
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Reviewed By :Abdul Mirza 11/08/2022
Supervised By :Ankita Jodhani 11/10/2022



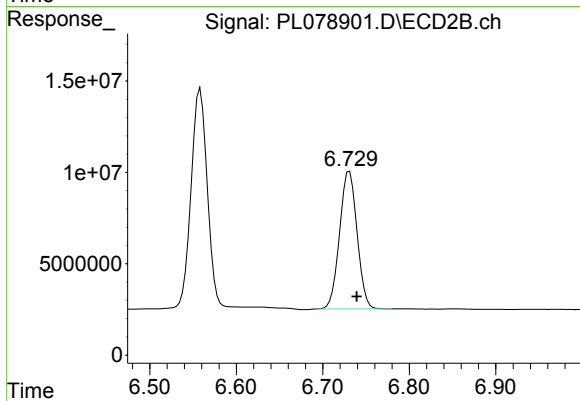
#21 Endrin ketone

R.T.: 6.558 min
Delta R.T.: -0.008 min
Response: 154153371
Conc: 59.64 ng/ml



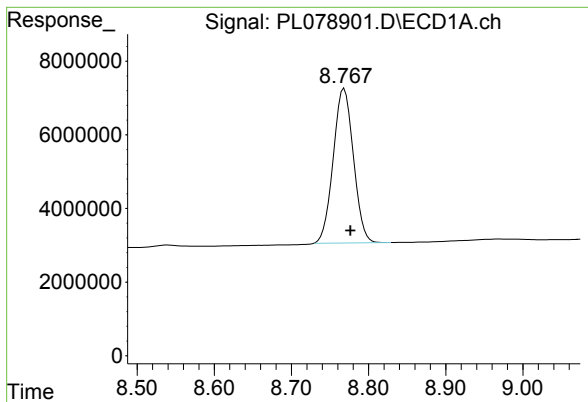
#22 Mirex

R.T.: 7.885 min
Delta R.T.: -0.006 min
Response: 75925944
Conc: 52.01 ng/ml



#22 Mirex

R.T.: 6.731 min
Delta R.T.: -0.008 min
Response: 105169572
Conc: 53.44 ng/ml



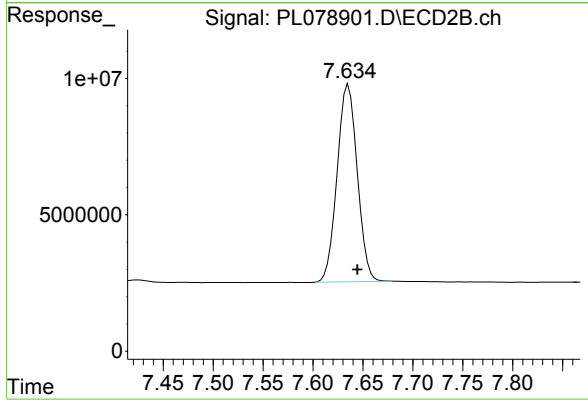
#28 Decachlorobiphenyl

R.T.: 8.769 min
Delta R.T.: -0.008 min
Response: 76253329
Conc: 50.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/08/2022
Supervised By :Ankita Jodhani 11/10/2022



#28 Decachlorobiphenyl

R.T.: 7.635 min
Delta R.T.: -0.009 min
Response: 101551967
Conc: 53.61 ng/ml