

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111022\
 Data File : PL079004.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Nov 2022 17:09
 Operator : AR\AJ
 Sample : PB148955BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB148955BSD

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 10 20:48:05 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...	3.327	2.567	34325694	43262100	18.000	16.944
28)	SA Decachlor...	8.775	7.636	24374018	33049679	16.202	17.449
Target Compounds							
2)	A alpha-BHC	3.788	3.053	146.0E6	176.7E6	50.841	44.748
3)	MA gamma-BHC...	4.121	3.374	134.0E6	164.4E6	50.152	45.752
4)	MA Heptachlor	4.691	3.701	140.0E6	165.7E6	53.945	47.788
5)	MB Aldrin	5.029	3.973	130.4E6	170.7E6	52.642	48.756
6)	B beta-BHC	4.336	3.675	53688897	61690273	46.606	42.994
7)	B delta-BHC	4.576	3.894	100.5E6	162.9E6	44.141	44.723
8)	B Heptachlo...	5.463	4.470	110.3E6	145.2E6	51.932	48.197
9)	A Endosulfan I	5.846	4.832	109.6E6	129.9E6	51.385	45.375
10)	B gamma-Chl...	5.718	4.718	119.5E6	142.3E6	52.952	46.442
11)	B alpha-Chl...	5.794	4.779	119.5E6	138.5E6	51.658	46.473
12)	B 4,4'-DDE	5.977	4.973	102.3E6	132.6E6	51.103	48.707m
13)	MA Dieldrin	6.124	5.093	113.9E6	145.2E6	52.836	49.007m
14)	MA Endrin	6.354	5.365	99303159	130.4E6	52.325	50.072
15)	B Endosulfa...	6.584	5.662	95015617	115.5E6	50.644	50.732
16)	A 4,4'-DDD	6.502	5.526	95219522	99678681	57.119	45.383
17)	MA 4,4'-DDT	6.811	5.771	92464232	116.7E6	51.589	53.778m
18)	B Endrin al...	6.715	5.839	76688554	96637499	52.705	51.491m
19)	B Endosulfa...	6.948	6.064	94546790	117.6E6	51.386	49.392
20)	A Methoxychlor	7.295	6.350	46750439	61768058	50.767	54.431
21)	B Endrin ke...	7.434	6.559	93796435	131.0E6	49.855	50.679
22)	Mirex	7.890	6.731	69439347	96948823	47.567	49.264

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111022\
Data File : PL079004.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Nov 2022 17:09
Operator : AR\AJ
Sample : PB148955BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

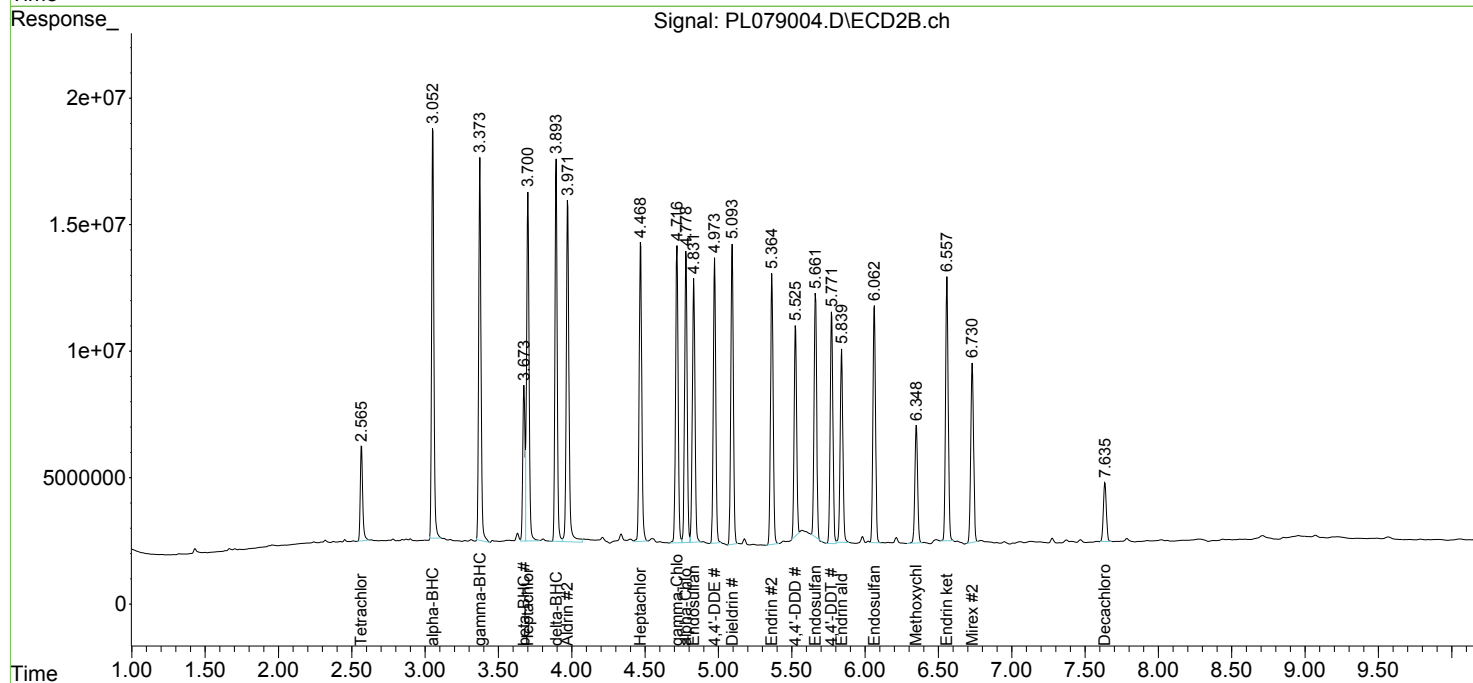
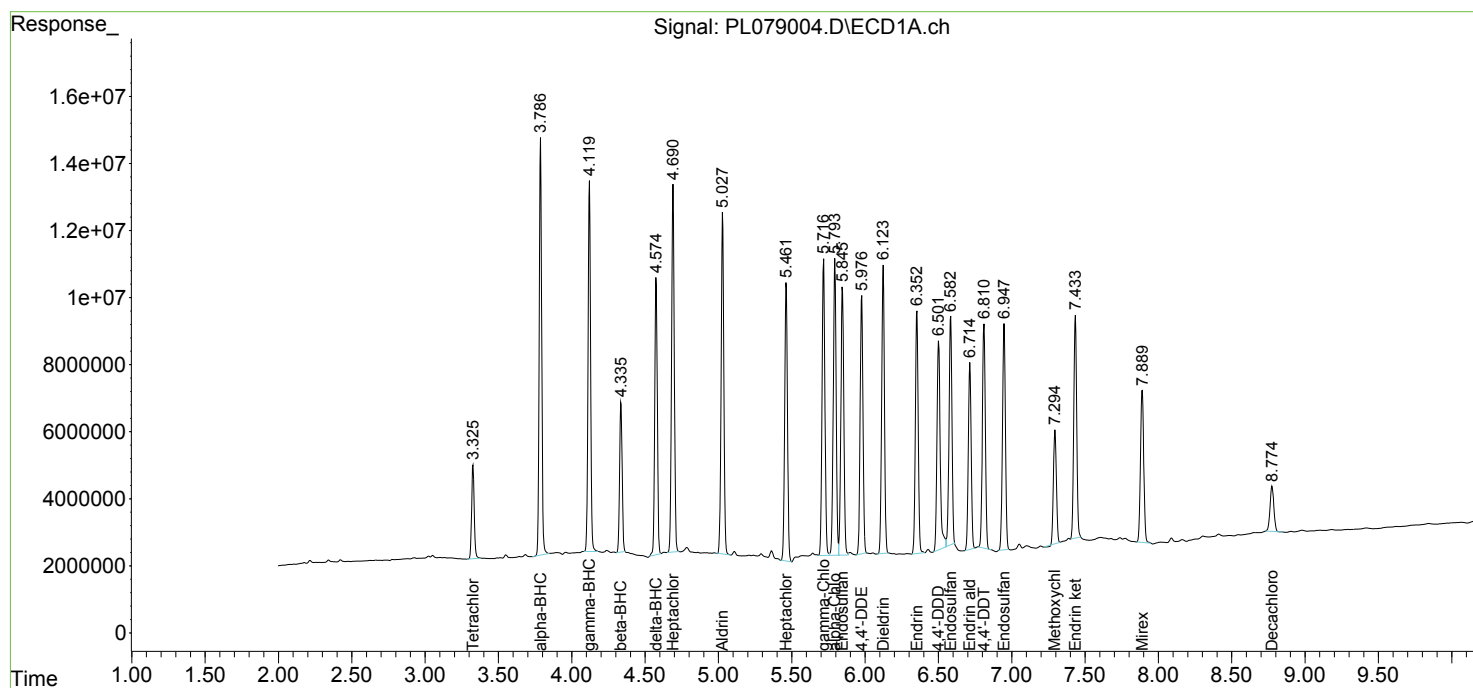
Instrument :
ECD_L
ClientSampleId :
PB148955BSD

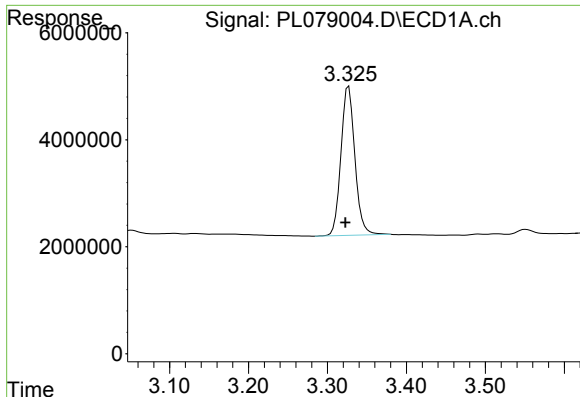
Manual Integrations
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Supervised By : Ankita Jodhani 11/11/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 10 20:48:05 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





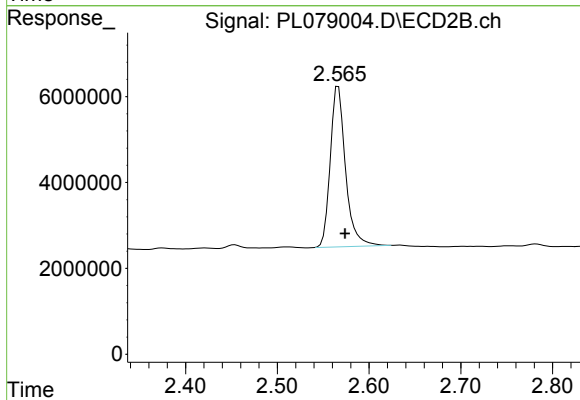
#1 Tetrachloro-m-xylene

R.T.: 3.327 min
Delta R.T.: 0.004 min
Response: 34325694
Conc: 18.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148955BSD

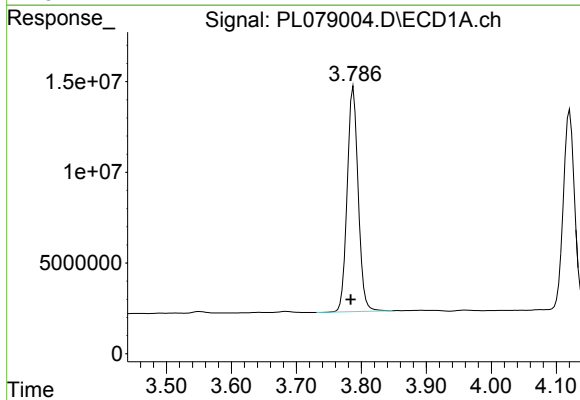
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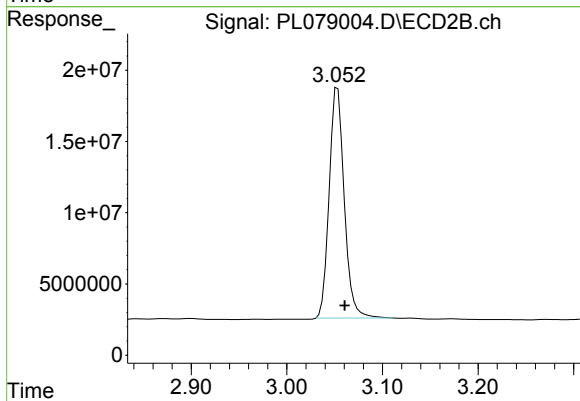
#1 Tetrachloro-m-xylene

R.T.: 2.567 min
Delta R.T.: -0.007 min
Response: 43262100
Conc: 16.94 ng/ml



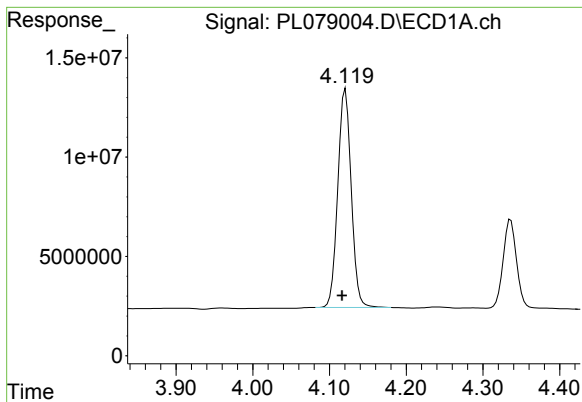
#2 alpha-BHC

R.T.: 3.788 min
Delta R.T.: 0.004 min
Response: 145984353
Conc: 50.84 ng/ml



#2 alpha-BHC

R.T.: 3.053 min
Delta R.T.: -0.008 min
Response: 176712777
Conc: 44.75 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.121 min
Delta R.T.: 0.004 min
Response: 133992141
Conc: 50.15 ng/ml

Instrument :

ECD_L

ClientSampleId :

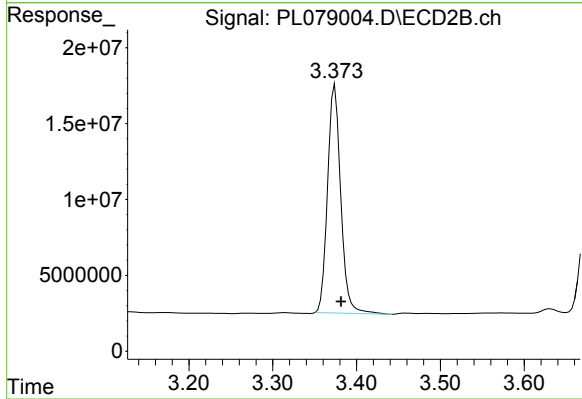
PB148955BSD

Manual Integrations

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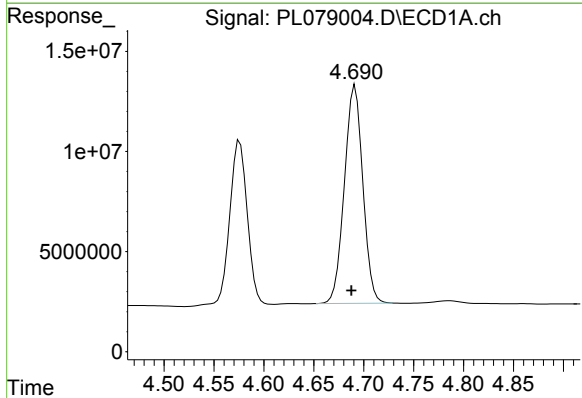
Reviewed By :Abdul Mirza 11/11/2022

Supervised By :Ankita Jodhani 11/11/2022



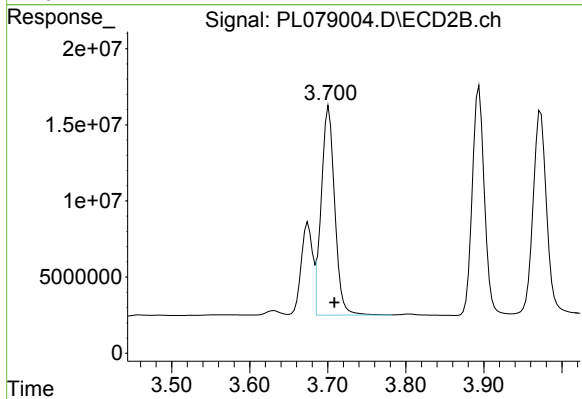
#3 gamma-BHC (Lindane)

R.T.: 3.374 min
Delta R.T.: -0.007 min
Response: 164441422
Conc: 45.75 ng/ml



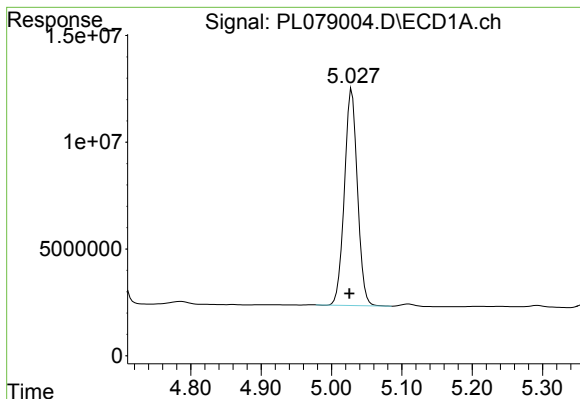
#4 Heptachlor

R.T.: 4.691 min
Delta R.T.: 0.004 min
Response: 140042570
Conc: 53.95 ng/ml



#4 Heptachlor

R.T.: 3.701 min
Delta R.T.: -0.007 min
Response: 165718159
Conc: 47.79 ng/ml



#5 Aldrin

R.T.: 5.029 min
Delta R.T.: 0.004 min
Response: 130378475
Conc: 52.64 ng/ml

Instrument :

ECD_L

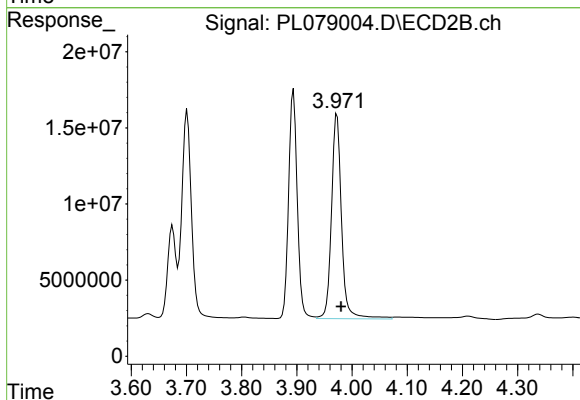
ClientSampleId :

PB148955BSD

Manual Integrations

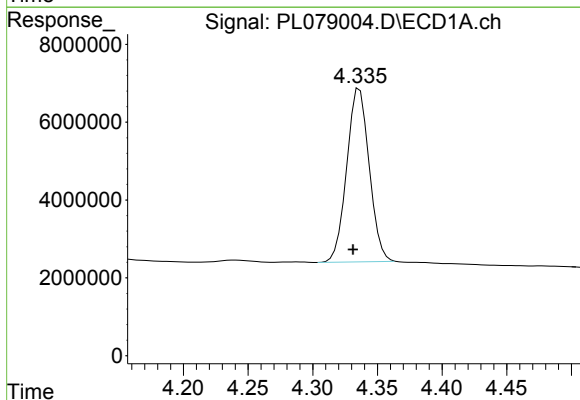
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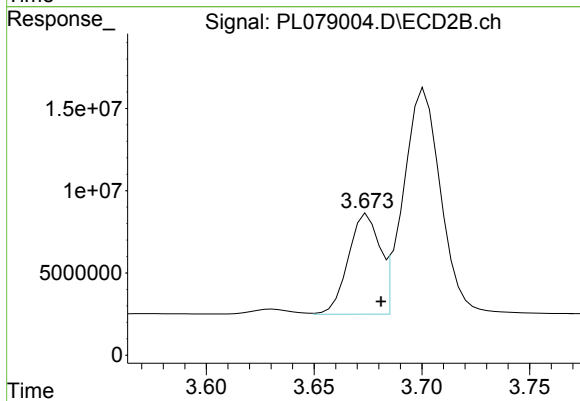
#5 Aldrin

R.T.: 3.973 min
Delta R.T.: -0.008 min
Response: 170729162
Conc: 48.76 ng/ml



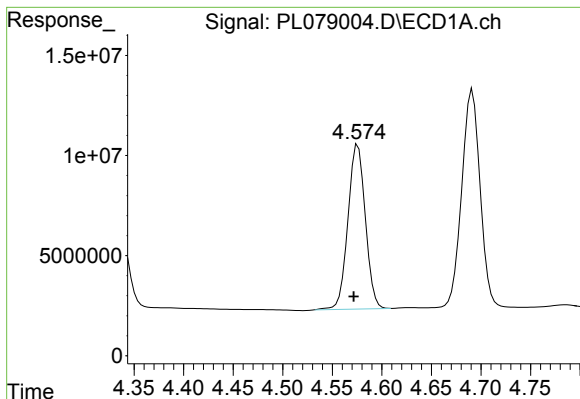
#6 beta-BHC

R.T.: 4.336 min
Delta R.T.: 0.005 min
Response: 53688897
Conc: 46.61 ng/ml



#6 beta-BHC

R.T.: 3.675 min
Delta R.T.: -0.006 min
Response: 61690273
Conc: 42.99 ng/ml



#7 delta-BHC

R.T.: 4.576 min
Delta R.T.: 0.004 min
Response: 100501943
Conc: 44.14 ng/ml

Instrument :

ECD_L

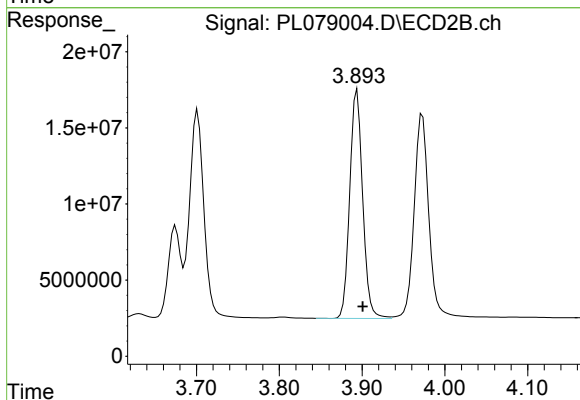
ClientSampleId :

PB148955BSD

Manual Integrations

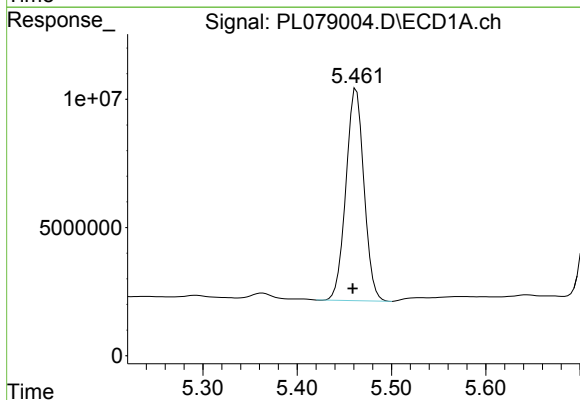
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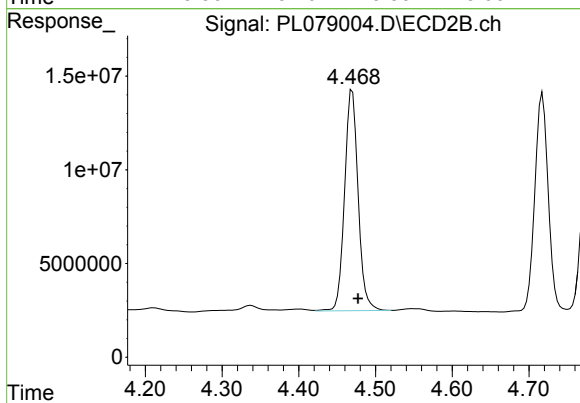
#7 delta-BHC

R.T.: 3.894 min
Delta R.T.: -0.007 min
Response: 162852439
Conc: 44.72 ng/ml



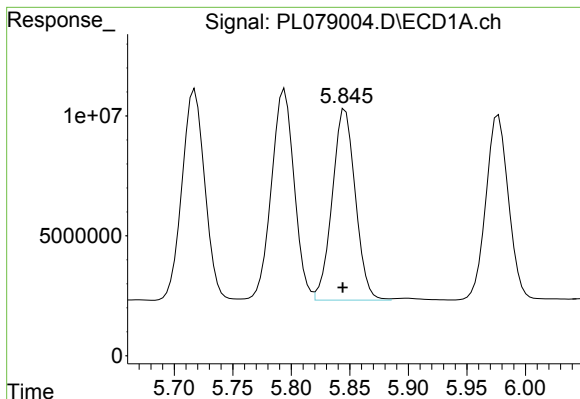
#8 Heptachlor epoxide

R.T.: 5.463 min
Delta R.T.: 0.004 min
Response: 110252873
Conc: 51.93 ng/ml



#8 Heptachlor epoxide

R.T.: 4.470 min
Delta R.T.: -0.008 min
Response: 145227060
Conc: 48.20 ng/ml



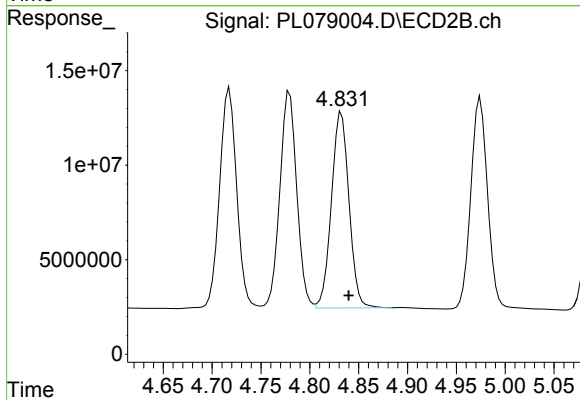
#9 Endosulfan I

R.T.: 5.846 min
Delta R.T.: 0.002 min
Response: 109633288
Conc: 51.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148955BSD

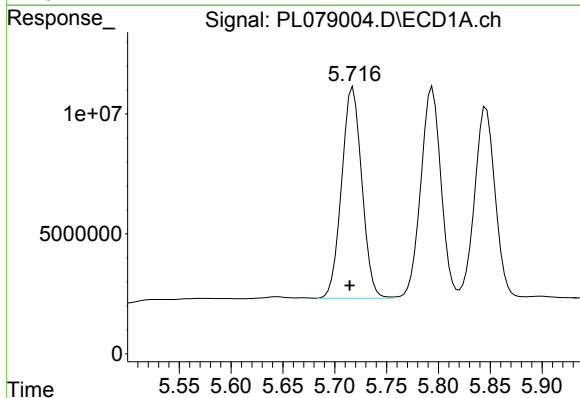
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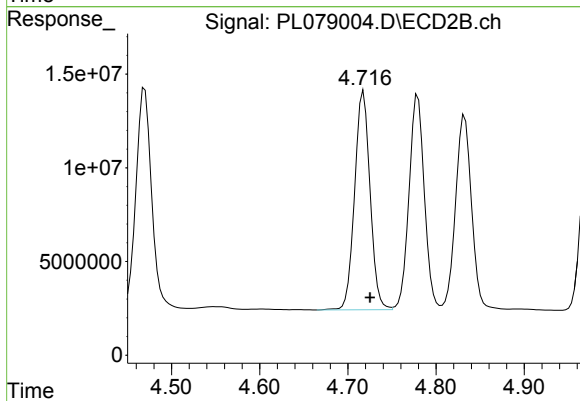
#9 Endosulfan I

R.T.: 4.832 min
Delta R.T.: -0.007 min
Response: 129893374
Conc: 45.38 ng/ml



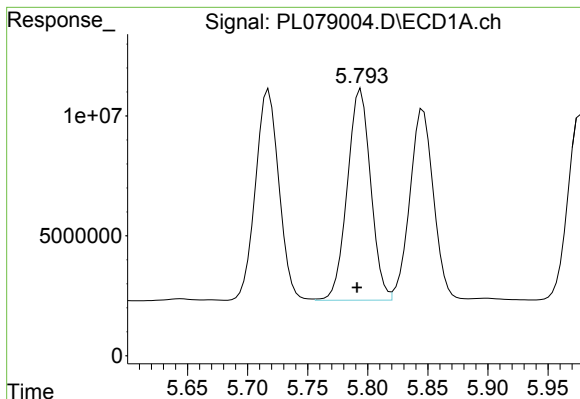
#10 gamma-Chlordane

R.T.: 5.718 min
Delta R.T.: 0.003 min
Response: 119521222
Conc: 52.95 ng/ml



#10 gamma-Chlordane

R.T.: 4.718 min
Delta R.T.: -0.007 min
Response: 142318858
Conc: 46.44 ng/ml



#11 alpha-Chlordane

R.T.: 5.794 min
Delta R.T.: 0.003 min
Response: 119524752
Conc: 51.66 ng/ml

Instrument :

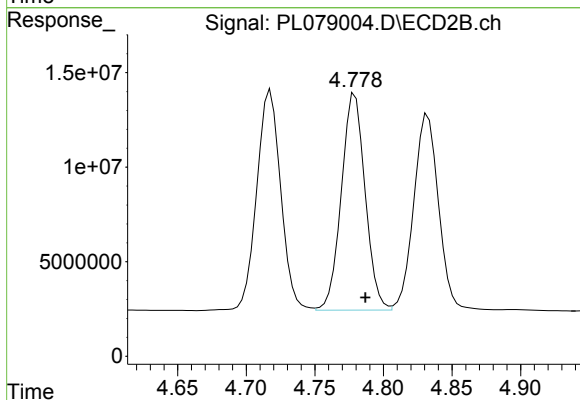
ECD_L

ClientSampleId :

PB148955BSD

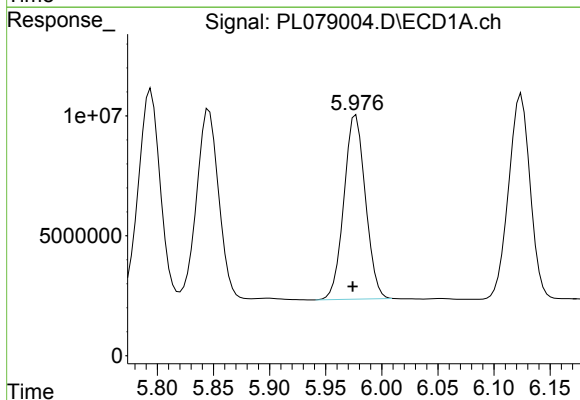
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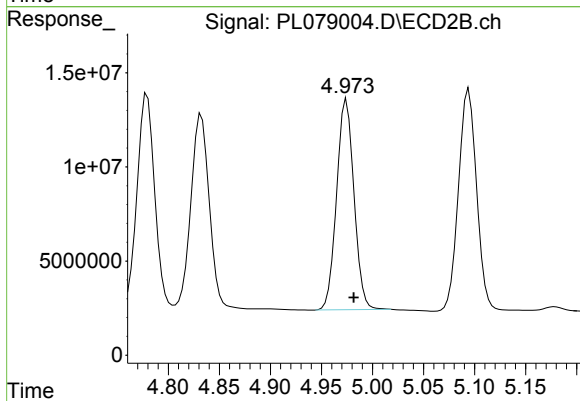
#11 alpha-Chlordane

R.T.: 4.779 min
Delta R.T.: -0.007 min
Response: 138509261
Conc: 46.47 ng/ml



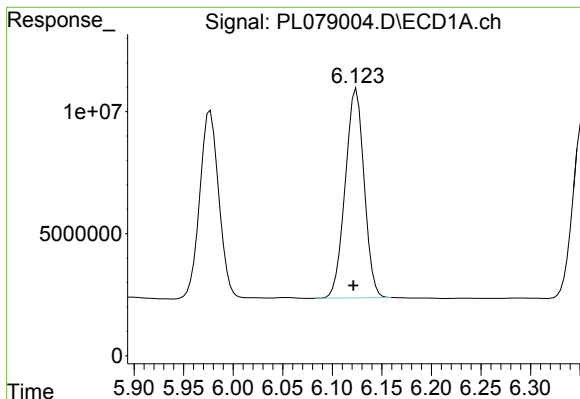
#12 4,4'-DDE

R.T.: 5.977 min
Delta R.T.: 0.003 min
Response: 102275101
Conc: 51.10 ng/ml



#12 4,4'-DDE

R.T.: 4.973 min
Delta R.T.: -0.009 min
Response: 132606685
Conc: 48.71 ng/ml m



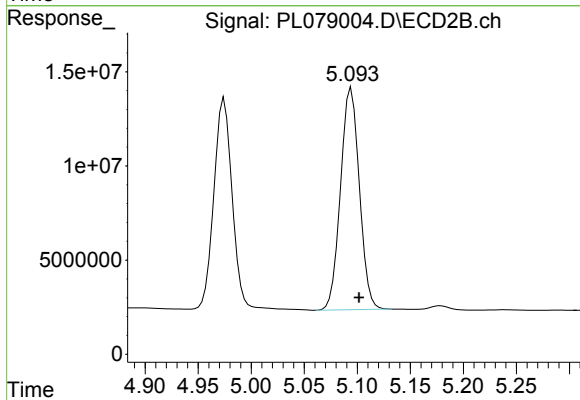
#13 Dieldrin

R.T.: 6.124 min
Delta R.T.: 0.003 min
Response: 113940834
Conc: 52.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148955BSD

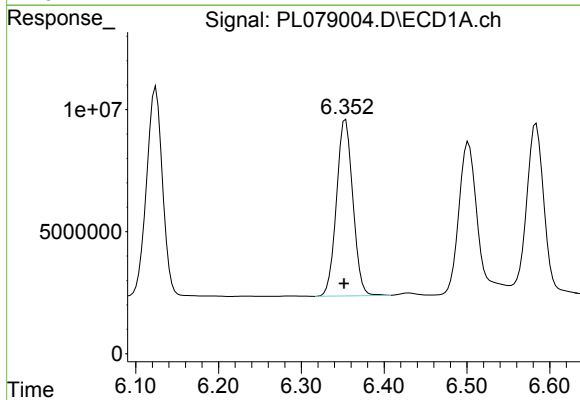
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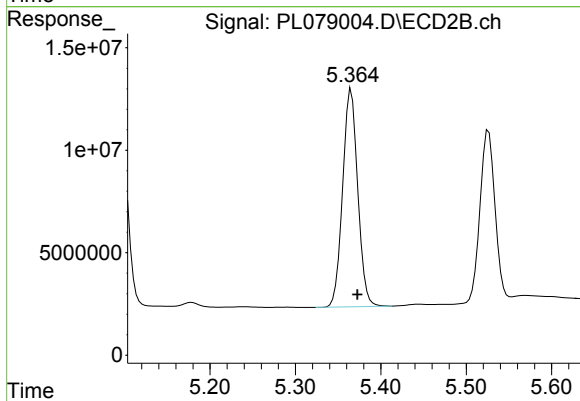
#13 Dieldrin

R.T.: 5.093 min
Delta R.T.: -0.009 min
Response: 145213594
Conc: 49.01 ng/ml m



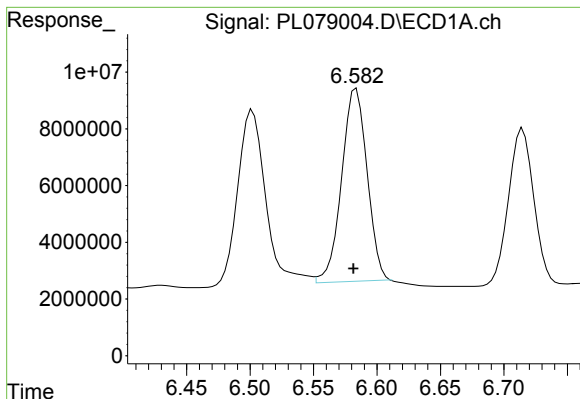
#14 Endrin

R.T.: 6.354 min
Delta R.T.: 0.002 min
Response: 99303159
Conc: 52.32 ng/ml



#14 Endrin

R.T.: 5.365 min
Delta R.T.: -0.007 min
Response: 130448963
Conc: 50.07 ng/ml



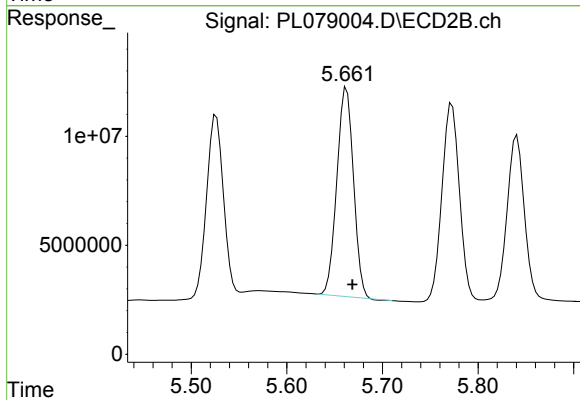
#15 Endosulfan II

R.T.: 6.584 min
Delta R.T.: 0.002 min
Response: 95015617
Conc: 50.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148955BSD

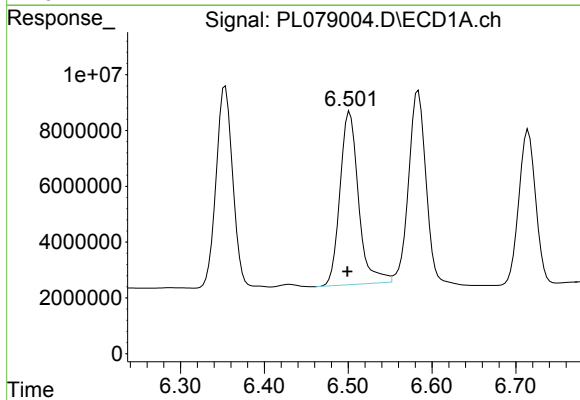
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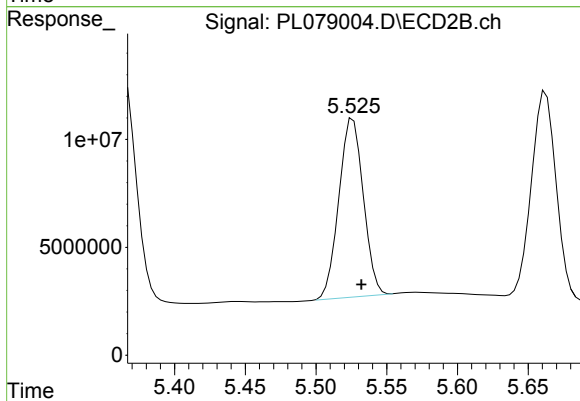
#15 Endosulfan II

R.T.: 5.662 min
Delta R.T.: -0.006 min
Response: 115480236
Conc: 50.73 ng/ml



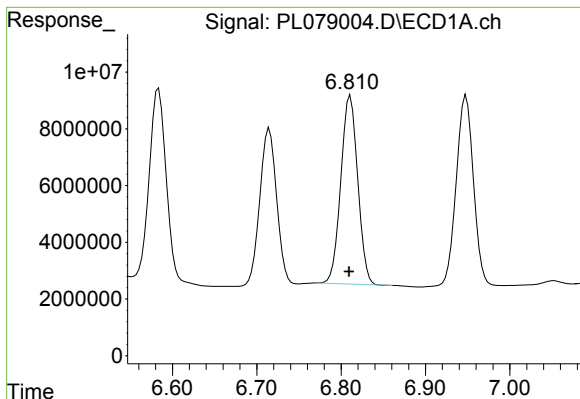
#16 4,4'-DDD

R.T.: 6.502 min
Delta R.T.: 0.003 min
Response: 95219522
Conc: 57.12 ng/ml



#16 4,4'-DDD

R.T.: 5.526 min
Delta R.T.: -0.006 min
Response: 99678681
Conc: 45.38 ng/ml



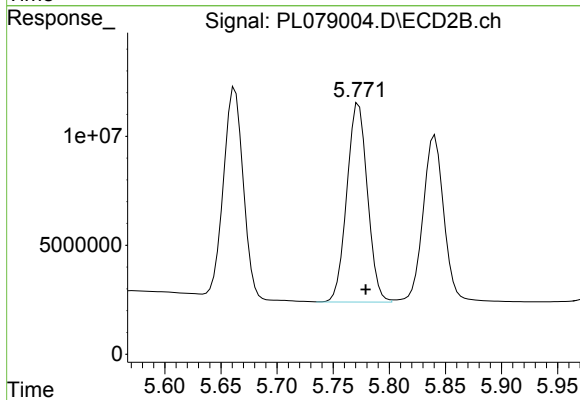
#17 4,4'-DDT

R.T.: 6.811 min
Delta R.T.: 0.002 min
Response: 92464232
Conc: 51.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148955BSD

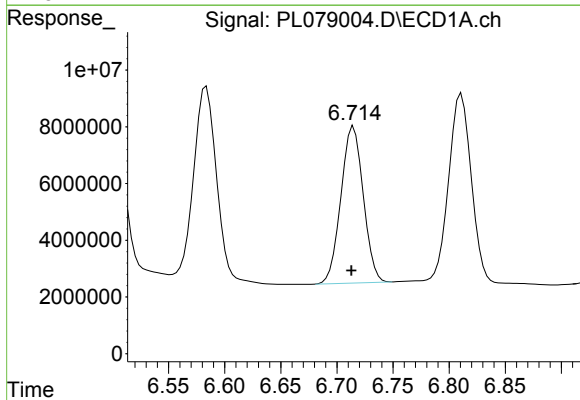
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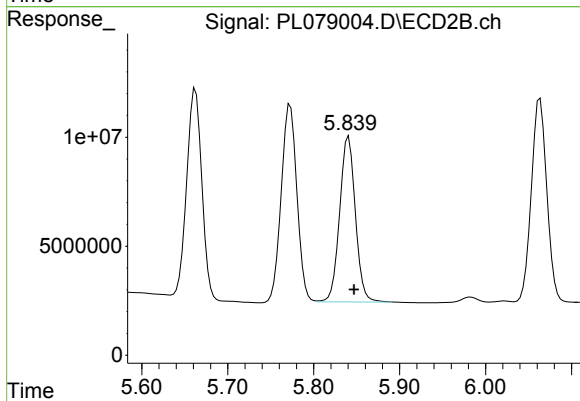
#17 4,4'-DDT

R.T.: 5.771 min
Delta R.T.: -0.008 min
Response: 116651216
Conc: 53.78 ng/ml m



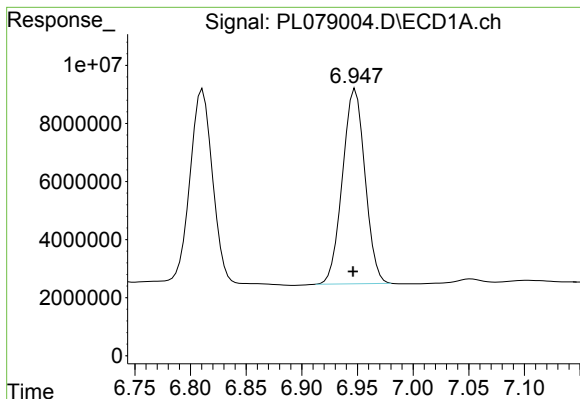
#18 Endrin aldehyde

R.T.: 6.715 min
Delta R.T.: 0.002 min
Response: 76688554
Conc: 52.70 ng/ml



#18 Endrin aldehyde

R.T.: 5.839 min
Delta R.T.: -0.008 min
Response: 96637499
Conc: 51.49 ng/ml m



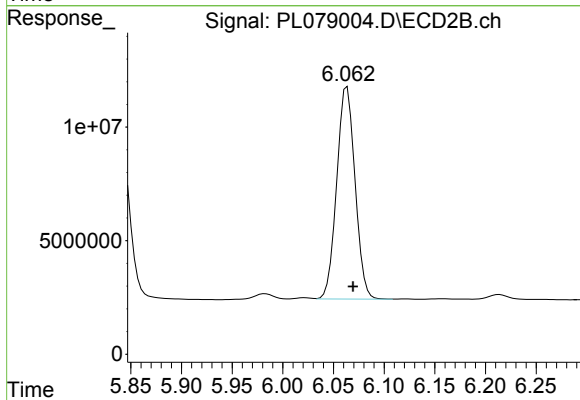
#19 Endosulfan Sulfate

R.T.: 6.948 min
Delta R.T.: 0.002 min
Response: 94546790
Conc: 51.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148955BSD

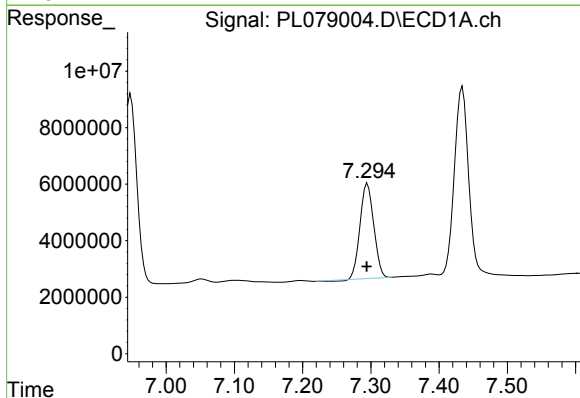
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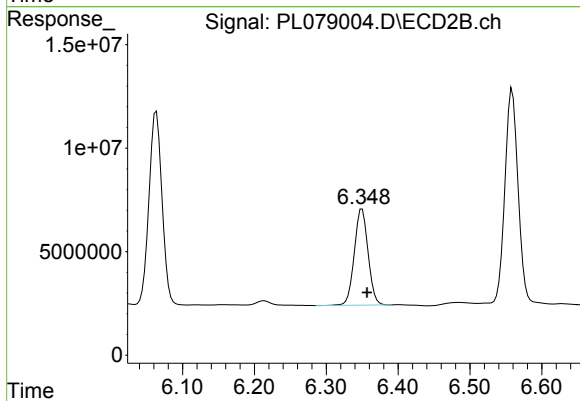
#19 Endosulfan Sulfate

R.T.: 6.064 min
Delta R.T.: -0.006 min
Response: 117576525
Conc: 49.39 ng/ml



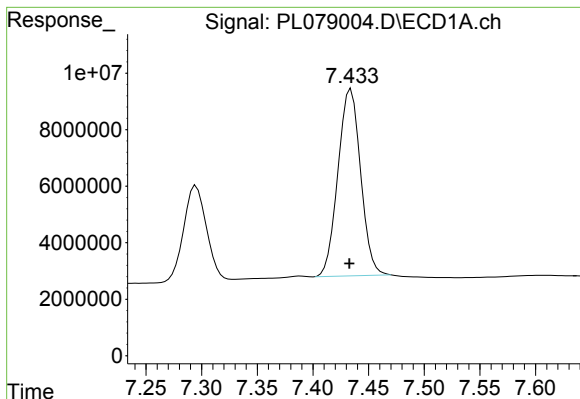
#20 Methoxychlor

R.T.: 7.295 min
Delta R.T.: 0.001 min
Response: 46750439
Conc: 50.77 ng/ml



#20 Methoxychlor

R.T.: 6.350 min
Delta R.T.: -0.007 min
Response: 61768058
Conc: 54.43 ng/ml



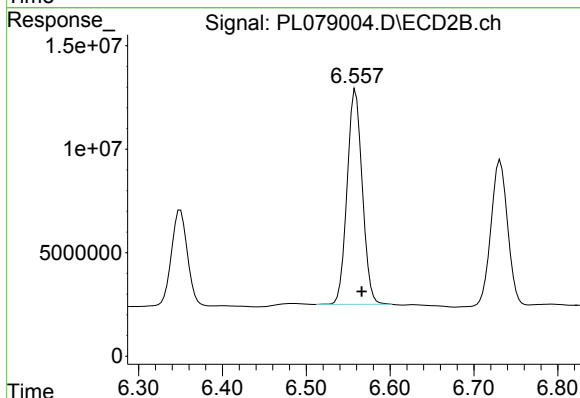
#21 Endrin ketone

R.T.: 7.434 min
Delta R.T.: 0.001 min
Response: 93796435
Conc: 49.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148955BSD

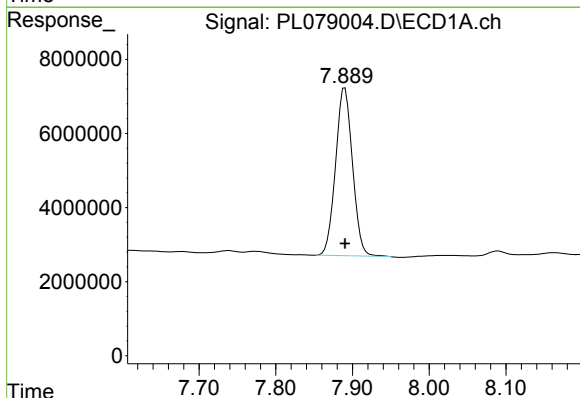
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Reviewed By :Abdul Mirza 11/11/2022
Supervised By :Ankita Jodhani 11/11/2022



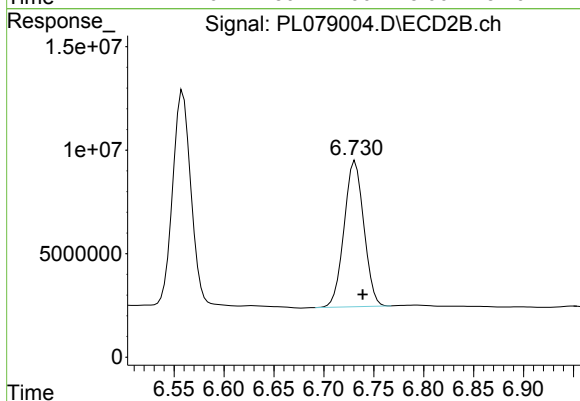
#21 Endrin ketone

R.T.: 6.559 min
Delta R.T.: -0.007 min
Response: 130991749
Conc: 50.68 ng/ml



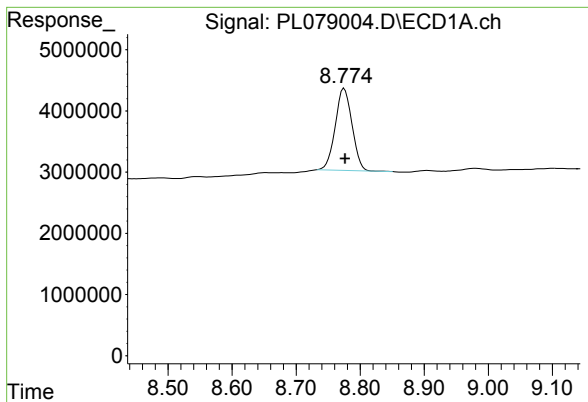
#22 Mirex

R.T.: 7.890 min
Delta R.T.: 0.000 min
Response: 69439347
Conc: 47.57 ng/ml



#22 Mirex

R.T.: 6.731 min
Delta R.T.: -0.008 min
Response: 96948823
Conc: 49.26 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.775 min
Delta R.T.: -0.002 min
Response: 24374018
Conc: 16.20 ng/ml

Instrument :

ECD_L

ClientSampleId :

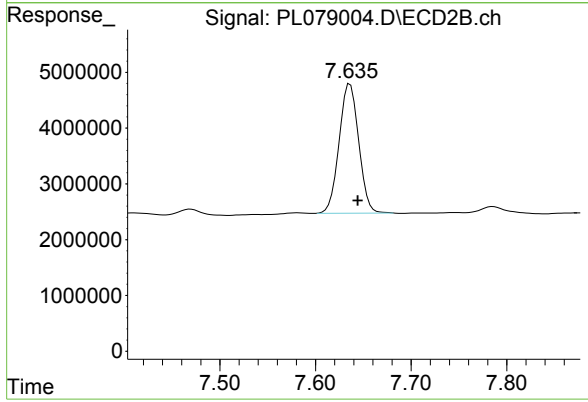
PB148955BSD

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 11/11/2022

Supervised By :Ankita Jodhani 11/11/2022



#28 Decachlorobiphenyl

R.T.: 7.636 min
Delta R.T.: -0.008 min
Response: 33049679
Conc: 17.45 ng/ml