

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060123\
 Data File : PL083163.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Jun 2023 18:42
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/02/2023
 Supervised By :Ankita Jodhani 06/02/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 01 21:20:13 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051923.M
 Quant Title : GC Extractables
 QLast Update : Sat May 20 04:58:53 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...	3.315	2.635	137.9E6	128.1E6	46.934	49.332
28)	SA Decachlor...	8.730	7.737	104.0E6	121.6E6	49.593	48.895
Target Compounds							
2)	A alpha-BHC	3.764	3.131	213.9E6	184.9E6	48.185	49.562
3)	MA gamma-BHC...	4.092	3.456	198.6E6	169.7E6	47.929	50.909
4)	MA Heptachlor	4.669	3.787	182.4E6	171.0E6	47.707	46.700
5)	MB Aldrin	5.005	4.063	176.6E6	162.5E6	50.187	49.929
6)	B beta-BHC	4.296	3.757	89470465	72259449	47.522	50.528
7)	B delta-BHC	4.537	3.982	196.1E6	167.7E6	57.018	51.187
8)	B Heptachlo...	5.432	4.564	161.0E6	146.8E6	50.344	49.479
9)	A Endosulfan I	5.812	4.930	149.1E6	136.3E6	49.698	48.779
10)	B gamma-Chl...	5.685	4.812	160.7E6	150.8E6	50.570m	50.224
11)	B alpha-Chl...	5.764	4.875	161.8E6	150.4E6	50.417	50.087
12)	B 4,4'-DDE	5.943	5.064	138.7E6	130.3E6	50.331	53.666m
13)	MA Dieldrin	6.087	5.194	146.0E6	141.1E6	48.538	49.973
14)	MA Endrin	6.313	5.468	117.5E6	114.7E6	43.715	45.229
15)	B Endosulfa...	6.537	5.765	123.8E6	119.1E6	46.506	48.154
16)	A 4,4'-DDD	6.459	5.620	121.9E6	112.0E6	56.110	58.222
17)	MA 4,4'-DDT	6.770	5.868	109.7E6	98629460	43.833	44.208
18)	B Endrin al...	6.665	5.945	102.9E6	97050034	51.171m	49.078
19)	B Endosulfa...	6.901	6.167	129.6E6	121.1E6	50.534	49.436
20)	A Methoxychlor	7.250	6.446	56524913	55144174	42.745	43.361
21)	B Endrin ke...	7.380	6.671	133.7E6	140.6E6	52.398	51.997
22)	Mirex	7.844	6.842	100.6E6	111.3E6	48.014	47.547

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060123\
Data File : PL083163.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Jun 2023 18:42
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

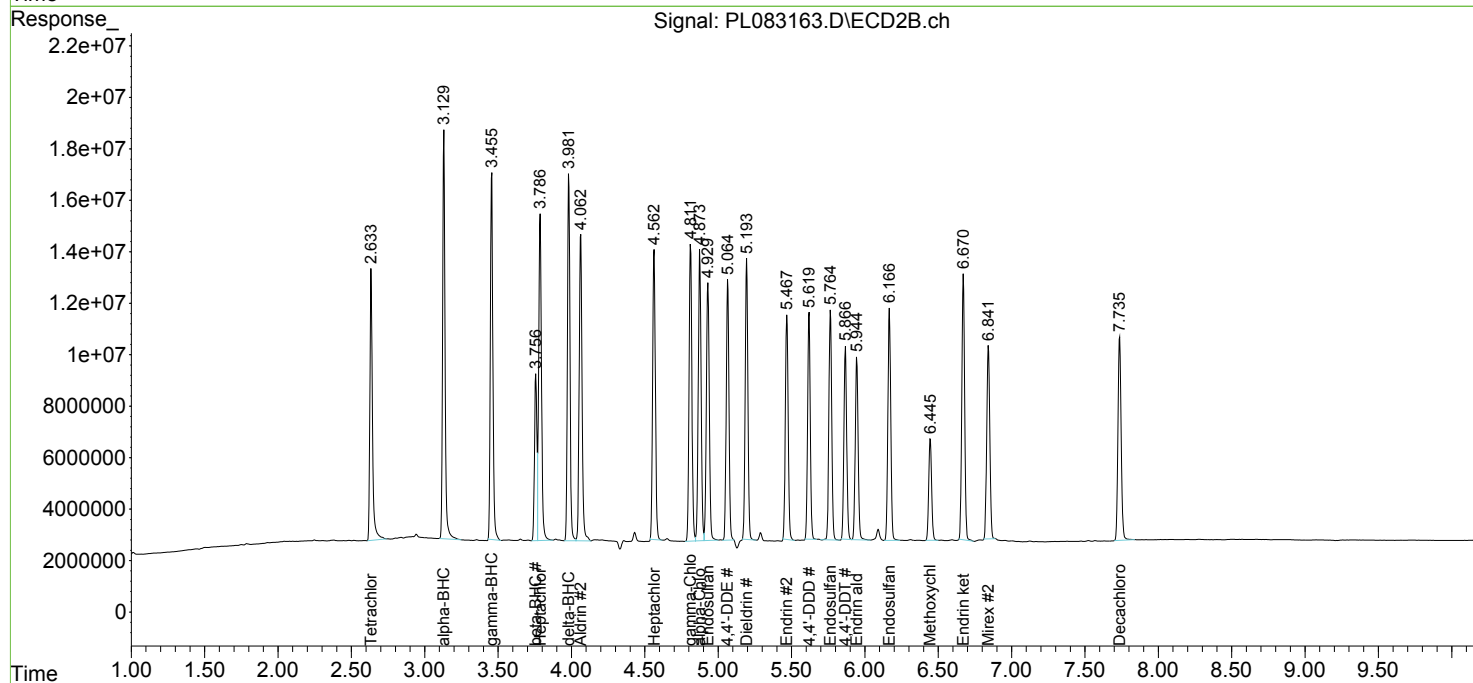
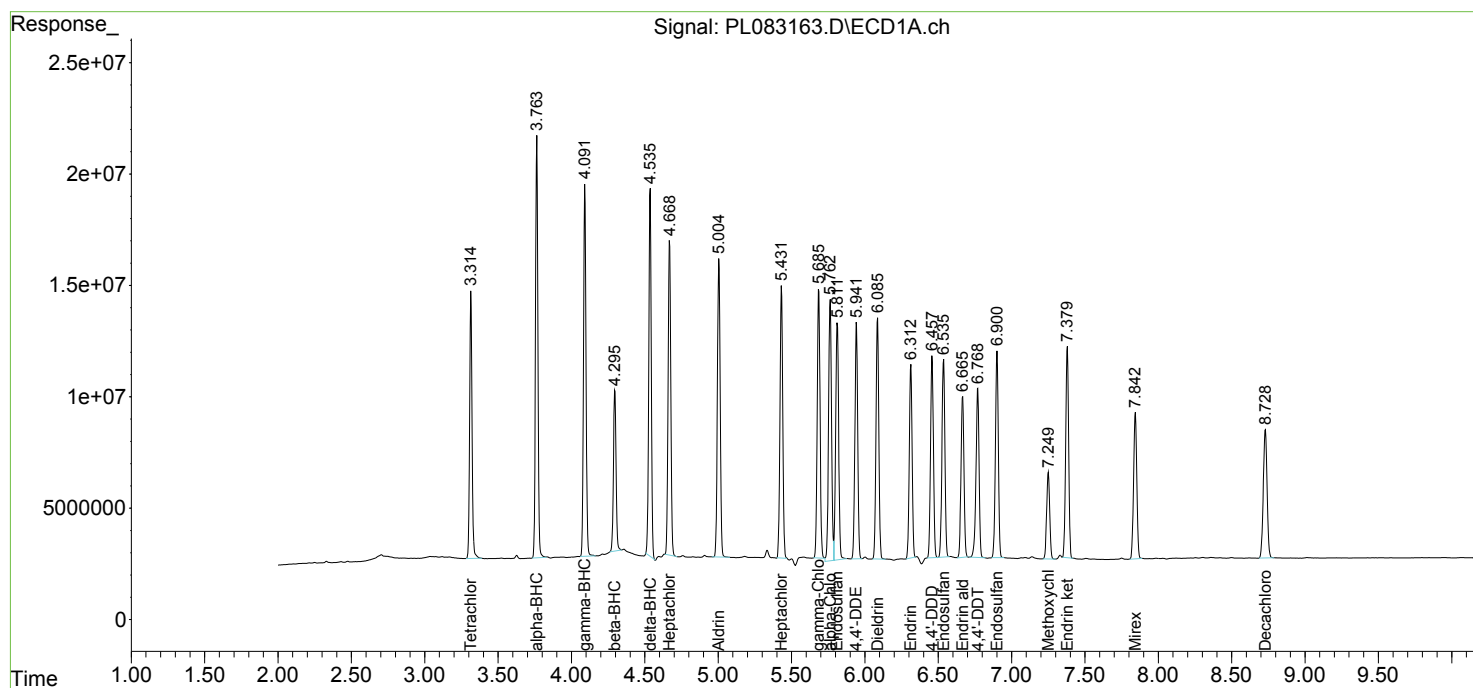
APPROVED

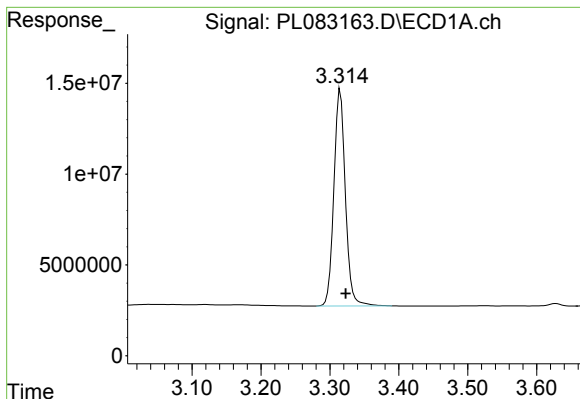
Reviewed By :Abdul Mirza 06/02/2023

Supervised By :Ankita Jodhani 06/02/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 01 21:20:13 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051923.M
Quant Title : GC Extractables
QLast Update : Sat May 20 04:58:53 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





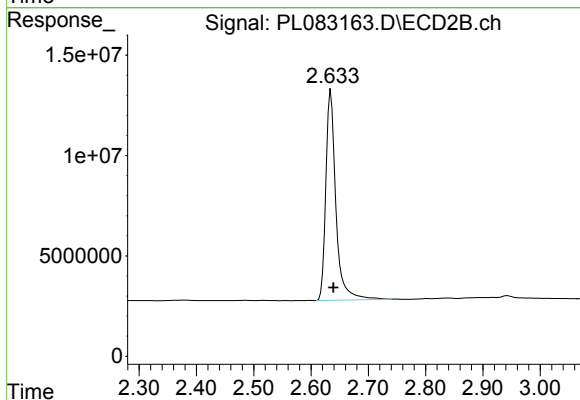
#1 Tetrachloro-m-xylene

R.T.: 3.315 min
Delta R.T.: -0.008 min
Response: 137940421
Conc: 46.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

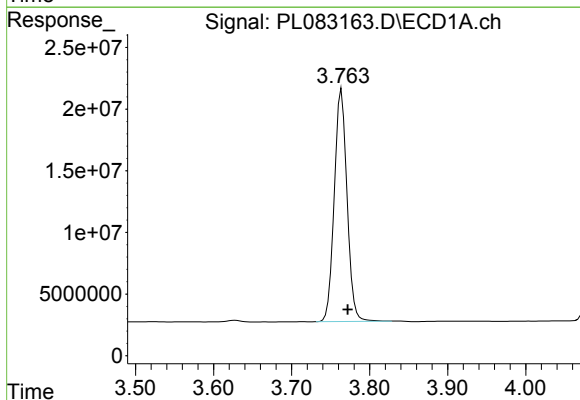
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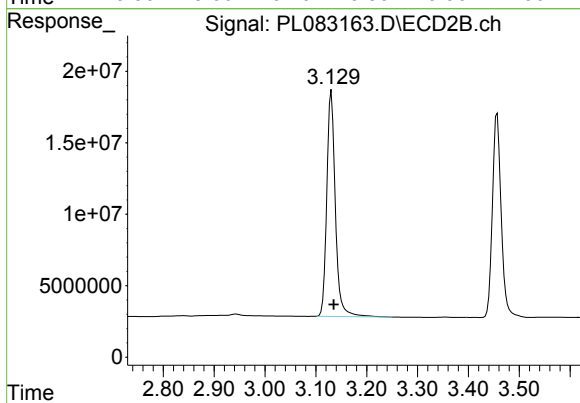
#1 Tetrachloro-m-xylene

R.T.: 2.635 min
Delta R.T.: -0.004 min
Response: 128069918
Conc: 49.33 ng/ml



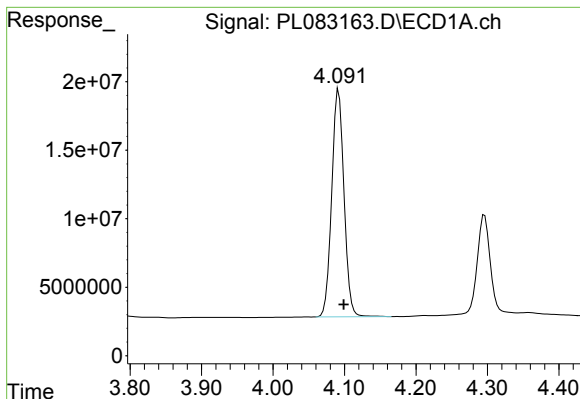
#2 alpha-BHC

R.T.: 3.764 min
Delta R.T.: -0.008 min
Response: 213904569
Conc: 48.18 ng/ml



#2 alpha-BHC

R.T.: 3.131 min
Delta R.T.: -0.005 min
Response: 184937028
Conc: 49.56 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.092 min
Delta R.T.: -0.007 min
Response: 198567512
Conc: 47.93 ng/ml

Instrument :

ECD_L

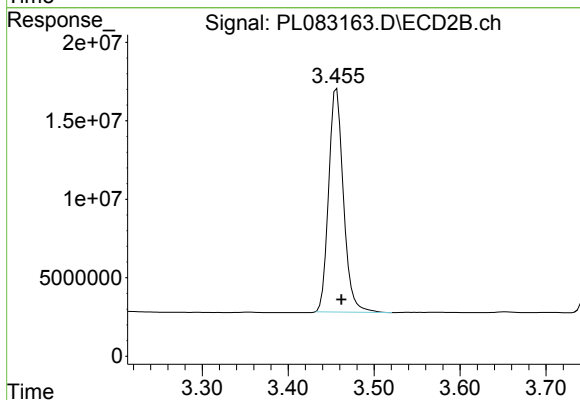
ClientSampleId :

PSTDCCC050

Manual Integrations

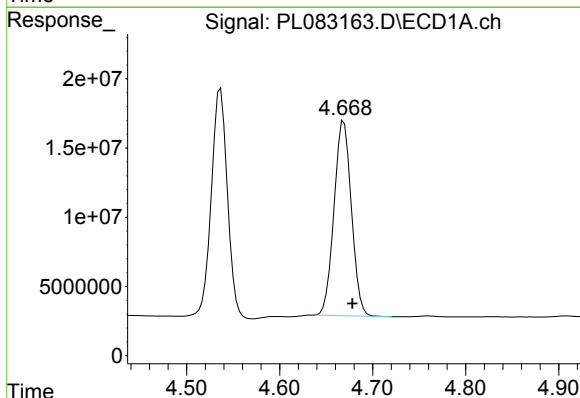
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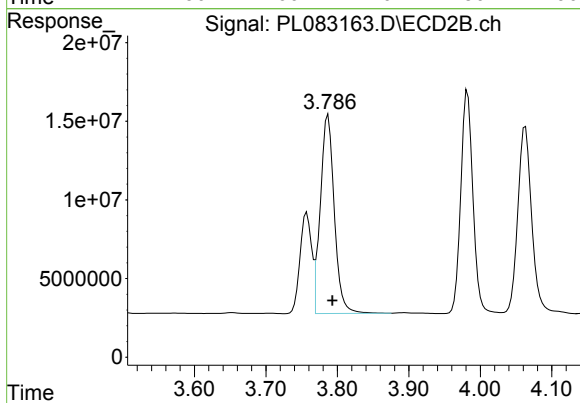
#3 gamma-BHC (Lindane)

R.T.: 3.456 min
Delta R.T.: -0.005 min
Response: 169693827
Conc: 50.91 ng/ml



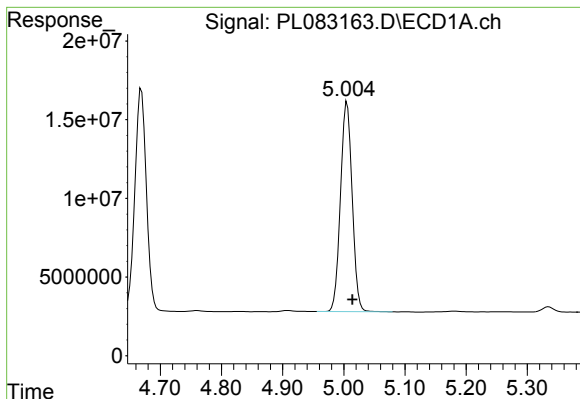
#4 Heptachlor

R.T.: 4.669 min
Delta R.T.: -0.009 min
Response: 182358206
Conc: 47.71 ng/ml



#4 Heptachlor

R.T.: 3.787 min
Delta R.T.: -0.006 min
Response: 170972257
Conc: 46.70 ng/ml



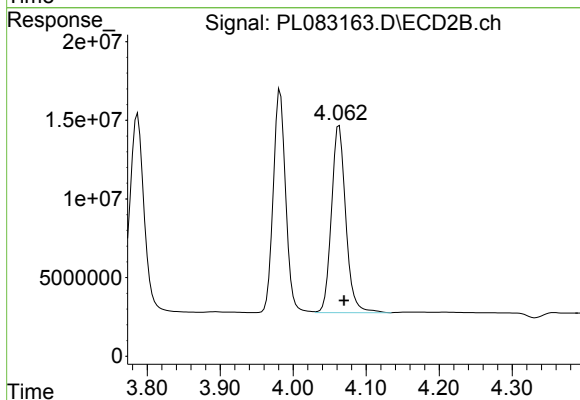
#5 Aldrin

R.T.: 5.005 min
Delta R.T.: -0.009 min
Response: 176564809
Conc: 50.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

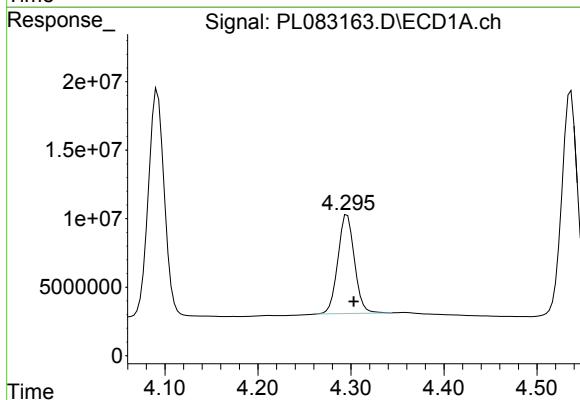
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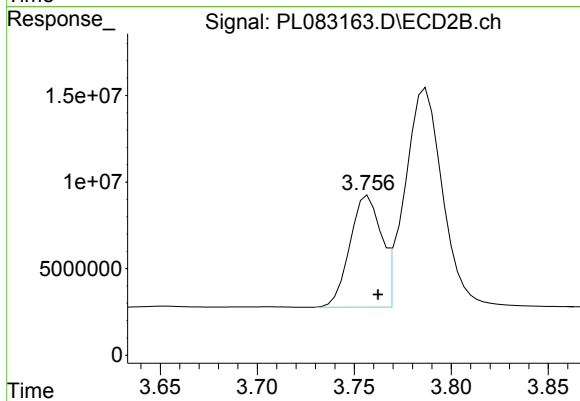
#5 Aldrin

R.T.: 4.063 min
Delta R.T.: -0.007 min
Response: 162451419
Conc: 49.93 ng/ml



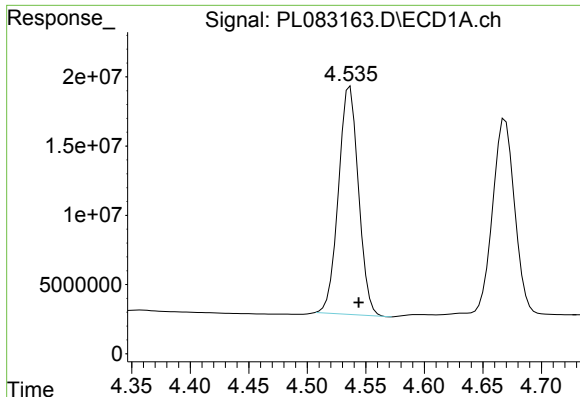
#6 beta-BHC

R.T.: 4.296 min
Delta R.T.: -0.007 min
Response: 89470465
Conc: 47.52 ng/ml



#6 beta-BHC

R.T.: 3.757 min
Delta R.T.: -0.005 min
Response: 72259449
Conc: 50.53 ng/ml



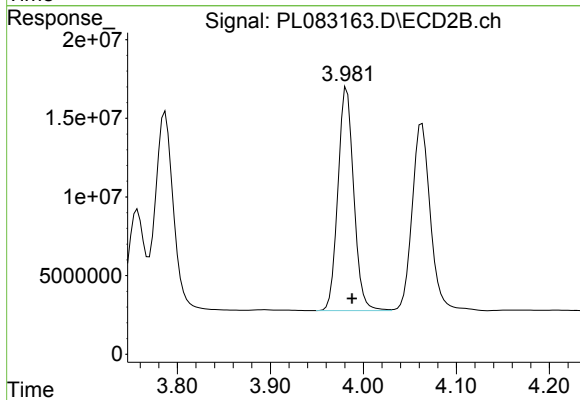
#7 delta-BHC

R.T.: 4.537 min
Delta R.T.: -0.007 min
Response: 196079584
Conc: 57.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

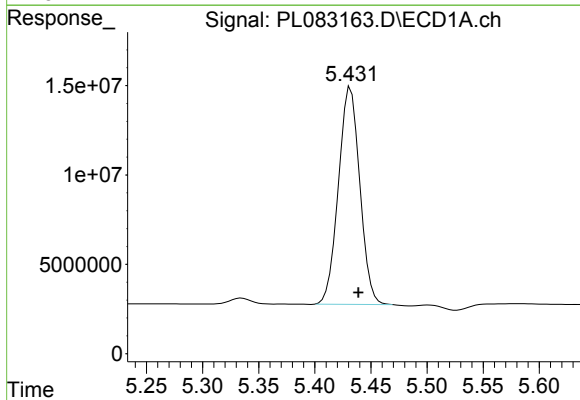
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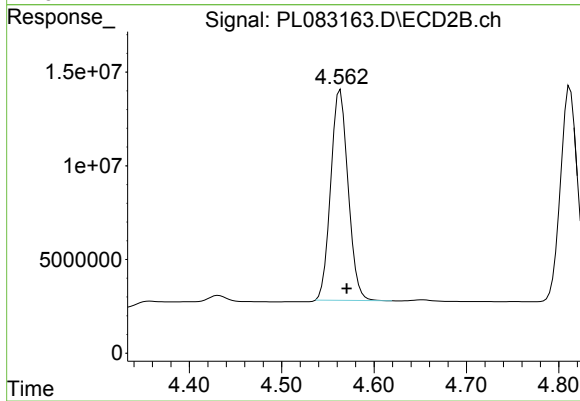
#7 delta-BHC

R.T.: 3.982 min
Delta R.T.: -0.006 min
Response: 167711723
Conc: 51.19 ng/ml



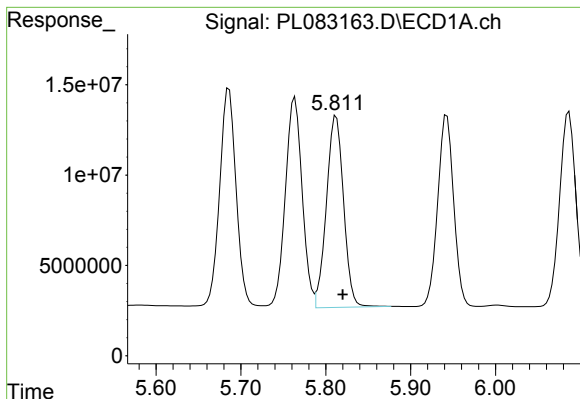
#8 Heptachlor epoxide

R.T.: 5.432 min
Delta R.T.: -0.007 min
Response: 161037293
Conc: 50.34 ng/ml



#8 Heptachlor epoxide

R.T.: 4.564 min
Delta R.T.: -0.007 min
Response: 146848731
Conc: 49.48 ng/ml



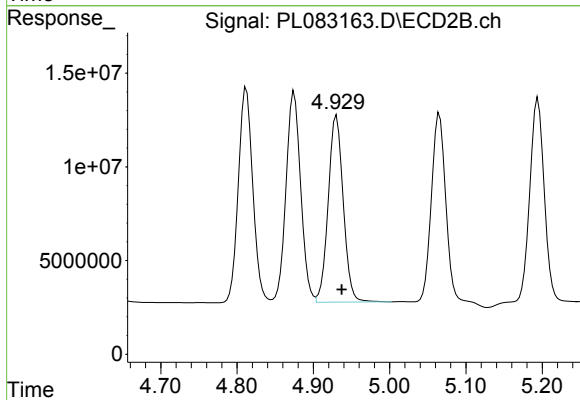
#9 Endosulfan I

R.T.: 5.812 min
Delta R.T.: -0.008 min
Response: 149123448
Conc: 49.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

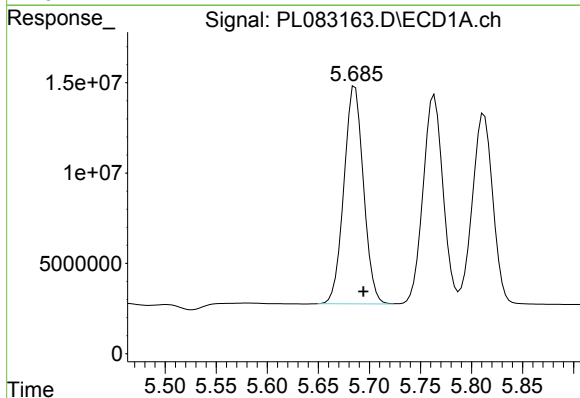
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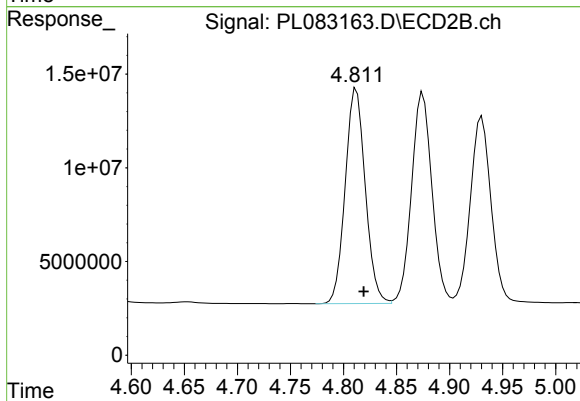
#9 Endosulfan I

R.T.: 4.930 min
Delta R.T.: -0.007 min
Response: 136305444
Conc: 48.78 ng/ml



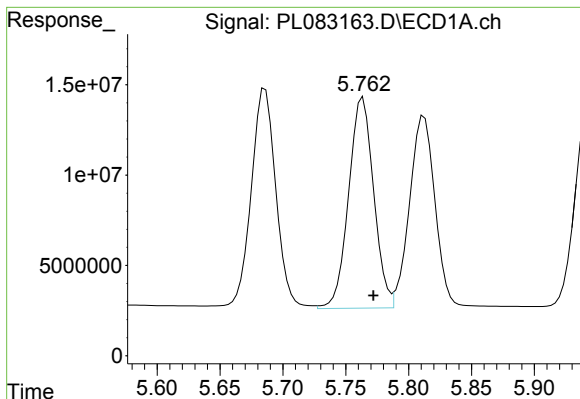
#10 gamma-Chlordane

R.T.: 5.685 min
Delta R.T.: -0.009 min
Response: 160659530
Conc: 50.57 ng/ml m



#10 gamma-Chlordane

R.T.: 4.812 min
Delta R.T.: -0.007 min
Response: 150842785
Conc: 50.22 ng/ml



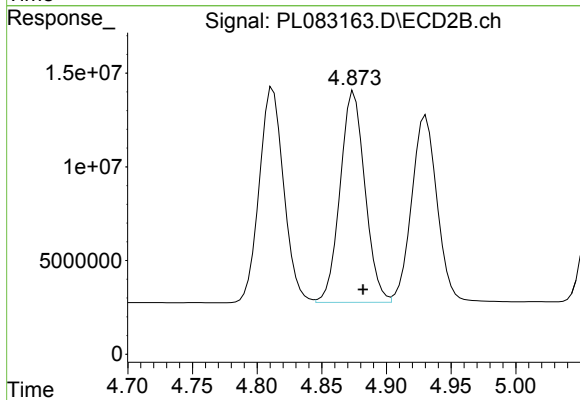
#11 alpha-Chlordane

R.T.: 5.764 min
Delta R.T.: -0.008 min
Response: 161802407
Conc: 50.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

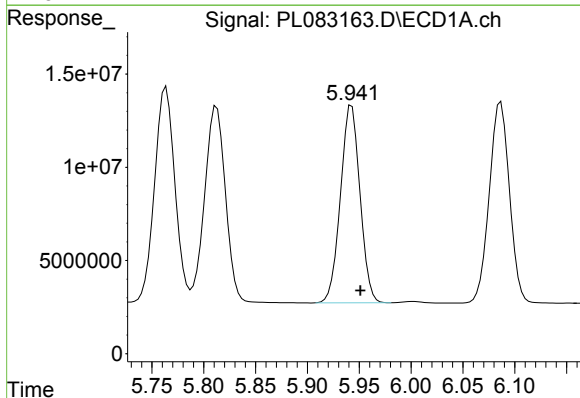
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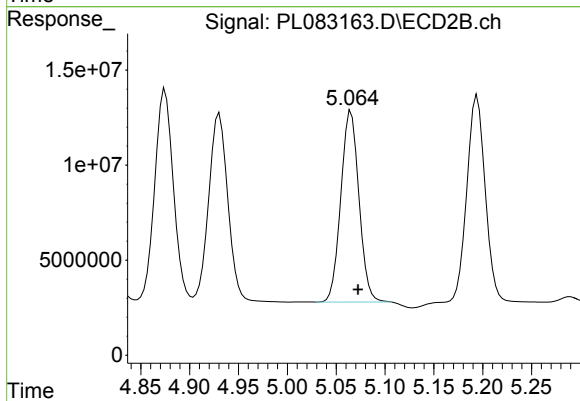
#11 alpha-Chlordane

R.T.: 4.875 min
Delta R.T.: -0.007 min
Response: 150359694
Conc: 50.09 ng/ml



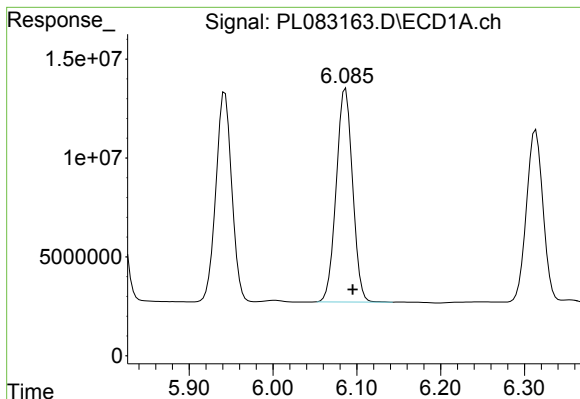
#12 4,4'-DDE

R.T.: 5.943 min
Delta R.T.: -0.008 min
Response: 138738769
Conc: 50.33 ng/ml



#12 4,4'-DDE

R.T.: 5.064 min
Delta R.T.: -0.009 min
Response: 130342113
Conc: 53.67 ng/ml m



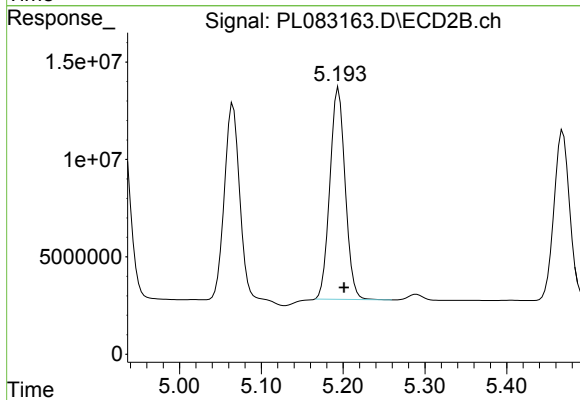
#13 Dieldrin

R.T.: 6.087 min
Delta R.T.: -0.008 min
Response: 145993587
Conc: 48.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

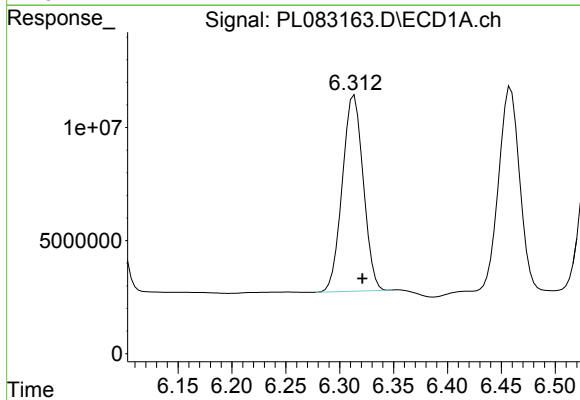
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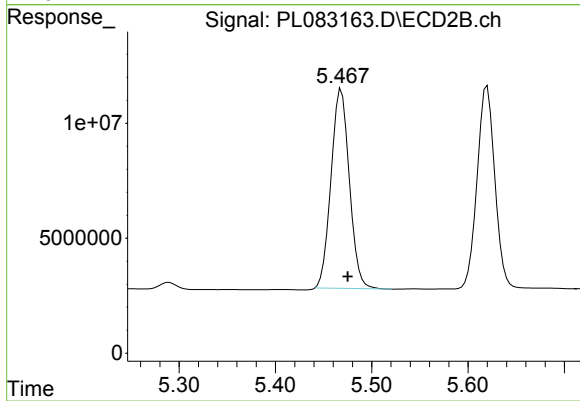
#13 Dieldrin

R.T.: 5.194 min
Delta R.T.: -0.007 min
Response: 141069690
Conc: 49.97 ng/ml



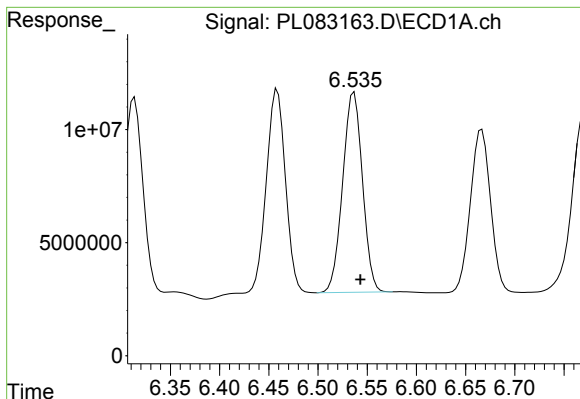
#14 Endrin

R.T.: 6.313 min
Delta R.T.: -0.008 min
Response: 117473196
Conc: 43.72 ng/ml



#14 Endrin

R.T.: 5.468 min
Delta R.T.: -0.006 min
Response: 114742822
Conc: 45.23 ng/ml



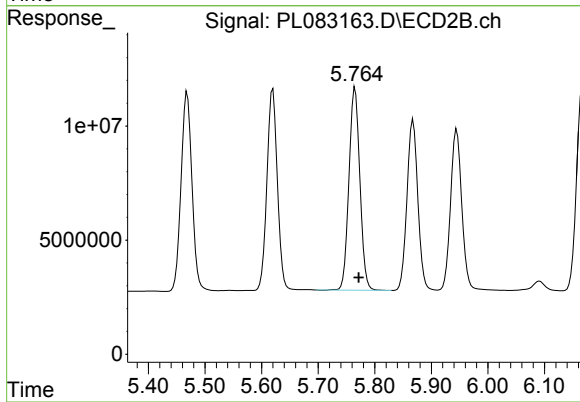
#15 Endosulfan II

R.T.: 6.537 min
Delta R.T.: -0.006 min
Response: 123767234
Conc: 46.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

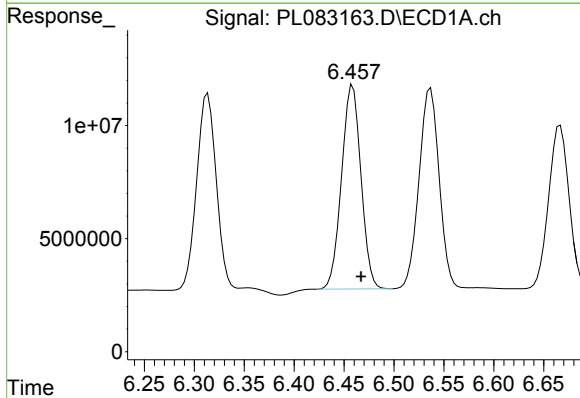
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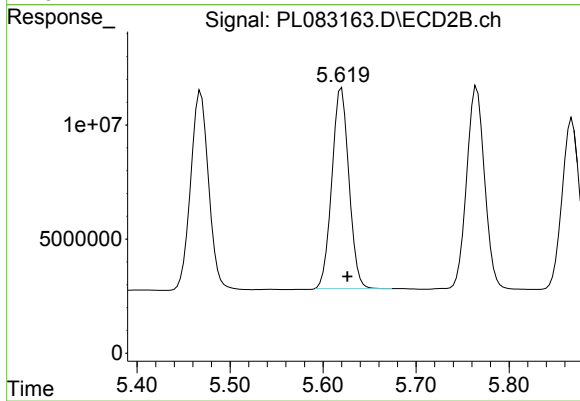
#15 Endosulfan II

R.T.: 5.765 min
Delta R.T.: -0.007 min
Response: 119143134
Conc: 48.15 ng/ml



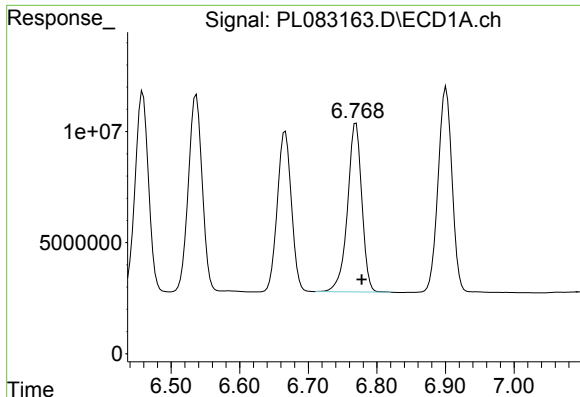
#16 4,4'-DDD

R.T.: 6.459 min
Delta R.T.: -0.008 min
Response: 121931195
Conc: 56.11 ng/ml



#16 4,4'-DDD

R.T.: 5.620 min
Delta R.T.: -0.006 min
Response: 111974829
Conc: 58.22 ng/ml



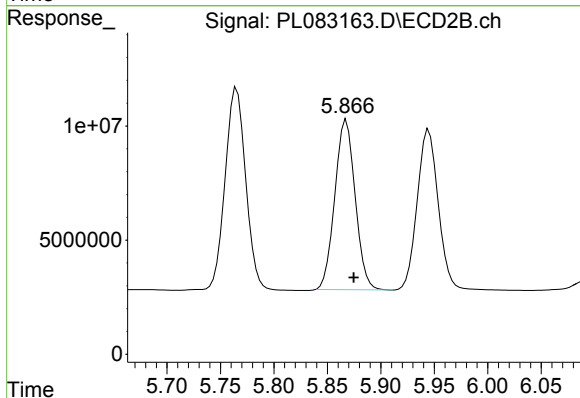
#17 4,4'-DDT

R.T.: 6.770 min
Delta R.T.: -0.008 min
Response: 109722727
Conc: 43.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

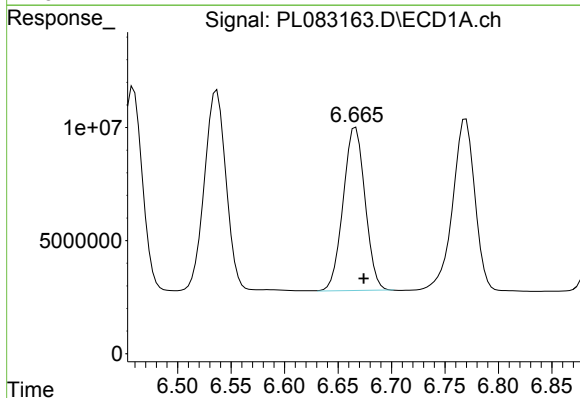
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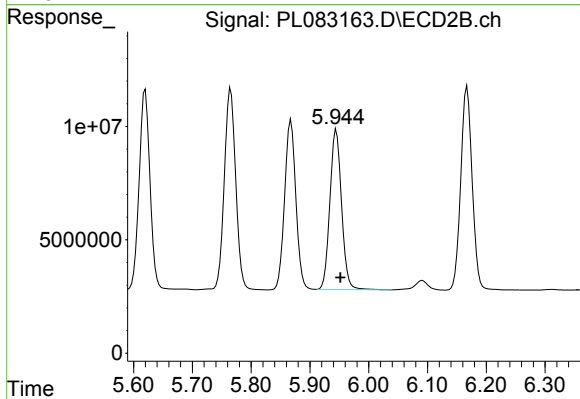
#17 4,4'-DDT

R.T.: 5.868 min
Delta R.T.: -0.007 min
Response: 98629460
Conc: 44.21 ng/ml



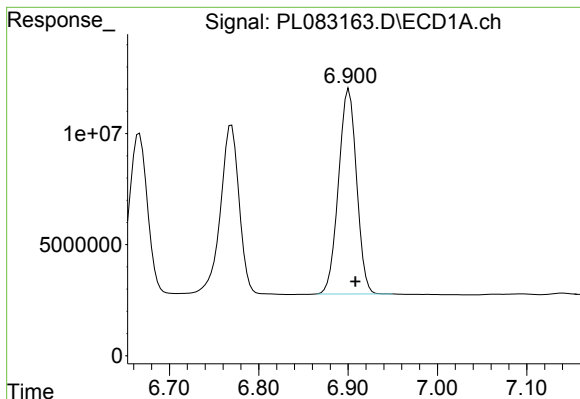
#18 Endrin aldehyde

R.T.: 6.665 min
Delta R.T.: -0.009 min
Response: 102886543
Conc: 51.17 ng/ml m



#18 Endrin aldehyde

R.T.: 5.945 min
Delta R.T.: -0.007 min
Response: 97050034
Conc: 49.08 ng/ml



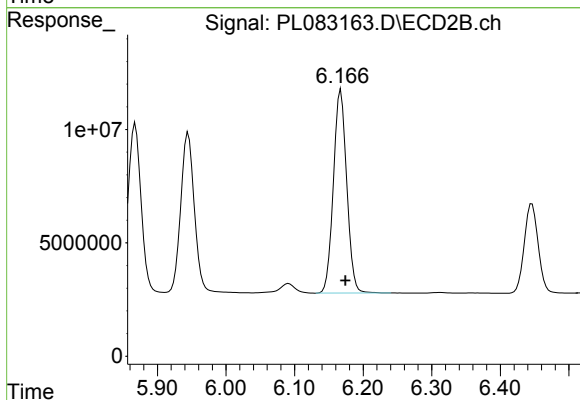
#19 Endosulfan Sulfate

R.T.: 6.901 min
Delta R.T.: -0.007 min
Response: 129554024
Conc: 50.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

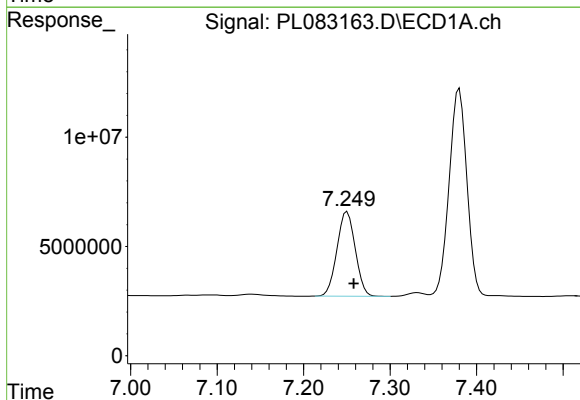
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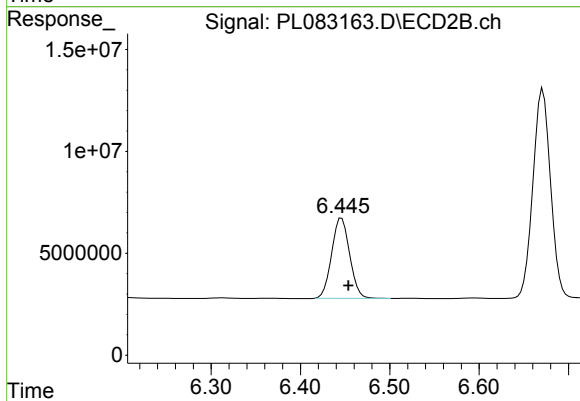
#19 Endosulfan Sulfate

R.T.: 6.167 min
Delta R.T.: -0.007 min
Response: 121067743
Conc: 49.44 ng/ml



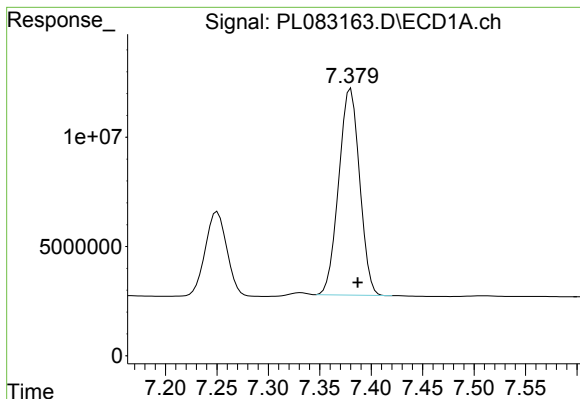
#20 Methoxychlor

R.T.: 7.250 min
Delta R.T.: -0.008 min
Response: 56524913
Conc: 42.74 ng/ml



#20 Methoxychlor

R.T.: 6.446 min
Delta R.T.: -0.008 min
Response: 55144174
Conc: 43.36 ng/ml



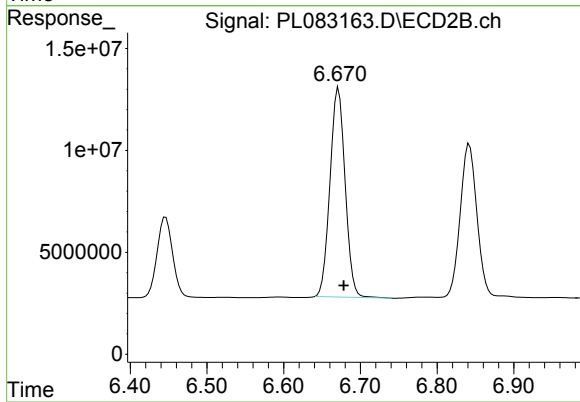
#21 Endrin ketone

R.T.: 7.380 min
Delta R.T.: -0.007 min
Response: 133657020
Conc: 52.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

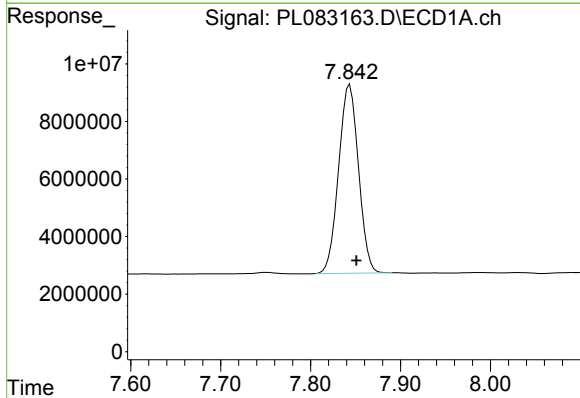
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/02/2023
Supervised By :Ankita Jodhani 06/02/2023



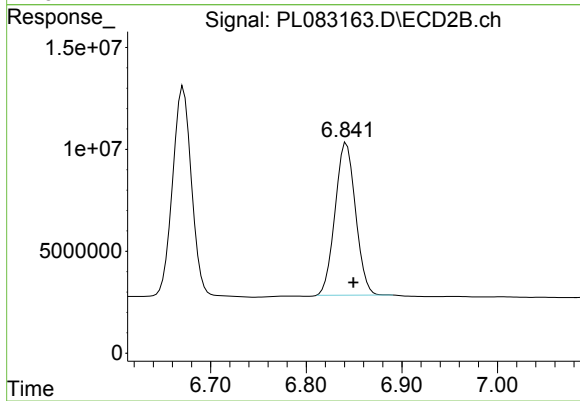
#21 Endrin ketone

R.T.: 6.671 min
Delta R.T.: -0.007 min
Response: 140592356
Conc: 52.00 ng/ml



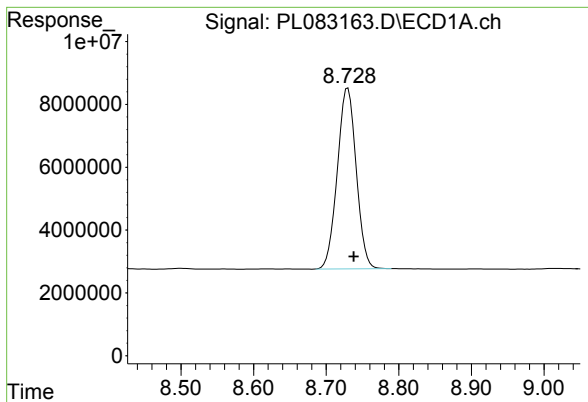
#22 Mirex

R.T.: 7.844 min
Delta R.T.: -0.007 min
Response: 100638801
Conc: 48.01 ng/ml



#22 Mirex

R.T.: 6.842 min
Delta R.T.: -0.007 min
Response: 111252375
Conc: 47.55 ng/ml



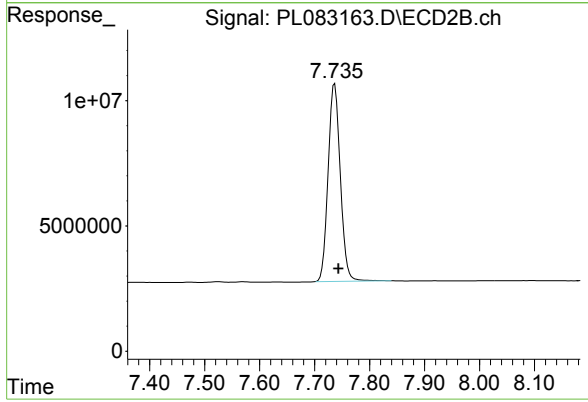
#28 Decachlorobiphenyl

R.T.: 8.730 min
Delta R.T.: -0.008 min
Response: 104012609
Conc: 49.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 7.737 min
Delta R.T.: -0.007 min
Response: 121580161
Conc: 48.90 ng/ml