Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111920\
Data File : PL063101.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Nov 2020 12:36
Operator : DD\AJ
Sample : PB133100BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PB133100BS

Manual Integrations APPROVED
Ankita
11/20/2020 3:37:07 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 20 04:47:56 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102120.M
Quant Title : GC Extractables
QLast Update : Thu Oct 22 04:25:31 2020
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...	3.410	3.948	32329427	57335152	18.795	19.510
28)	SA Decachlor...	8.125	8.986	34103229	41972744	21.258	20.054
	Target Compounds						
2)	A alpha-BHC	3.842	4.335	110.8E6	202.1E6	43.474	45.495
3)	MA gamma-BHC...	4.122	4.618	98660179	185.9E6	42.587	44.509
4)	MA Heptachlor	4.418	5.123	95093909	174.2E6	44.316	43.688
5)	MB Aldrin	4.663	5.425	85931273	166.6E6	45.020	46.027
6)	B beta-BHC	4.371	4.789	43438938	83791029	45.477	44.498
7)	B delta-BHC	4.572	5.004	97027977	166.5E6	44.647	47.587
8)	B Heptachlo...	5.101	5.811	85021489	148.2E6	46.598	45.761
9)	A Endosulfan I	5.436	6.166	76010237	138.0E6	45.471	43.749
10)	B gamma-Chl...	5.327	6.045	81766466	148.0E6	45.386	43.963
11)	B alpha-Chl...	5.383	6.117	81212910	147.7E6	44.925m	43.843
12)	B 4,4'-DDE	5.550	6.276	75016271	145.4E6	45.342	45.115
13)	MA Dieldrin	5.678	6.423	79411869	140.6E6	44.942	43.916
14)	MA Endrin	5.932	6.639	70835578	114.6E6	42.575	41.044m
15)	B Endosulfa...	6.204	6.850	70772156	114.9E6	42.927	40.205
16)	A 4,4'-DDD	6.062	6.766	67780925	119.7E6	47.919	46.768
17)	MA 4,4'-DDT	6.301	7.063	57565006	100.3E6	43.134	44.656
18)	B Endrin al...	6.371	6.974	59925918	95846709	41.269	42.027
19)	B Endosulfa...	6.584	7.196	74586047	112.3E6	45.197	46.791
20)	A Methoxychlor	6.845	7.523	36212995	51008490	42.045	41.285
21)	B Endrin ke...	7.070	7.665	87534863	112.1E6	48.549	47.322
22)	Mirex	7.256	8.118	69275567	78581929	48.865	46.114

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

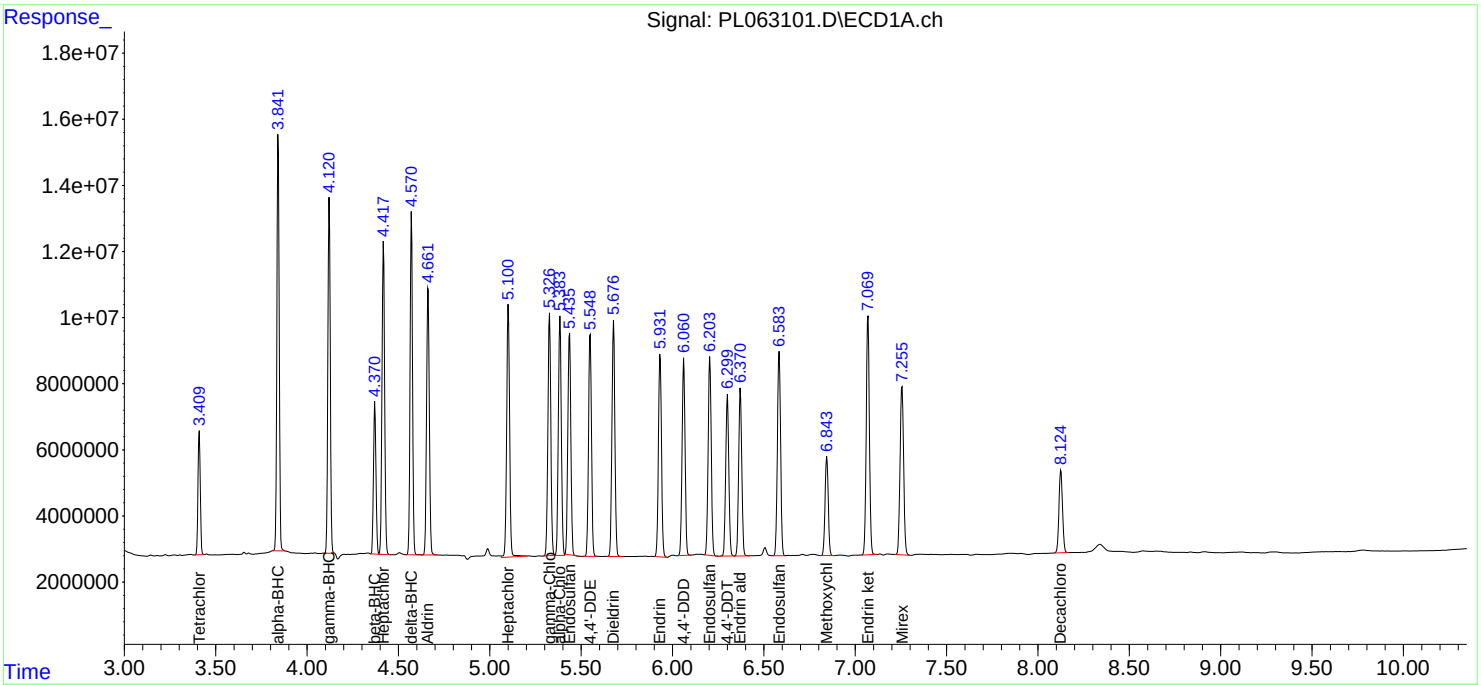
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111920\
Data File : PL063101.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Nov 2020 12:36
Operator : DD\AJ
Sample : PB133100BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

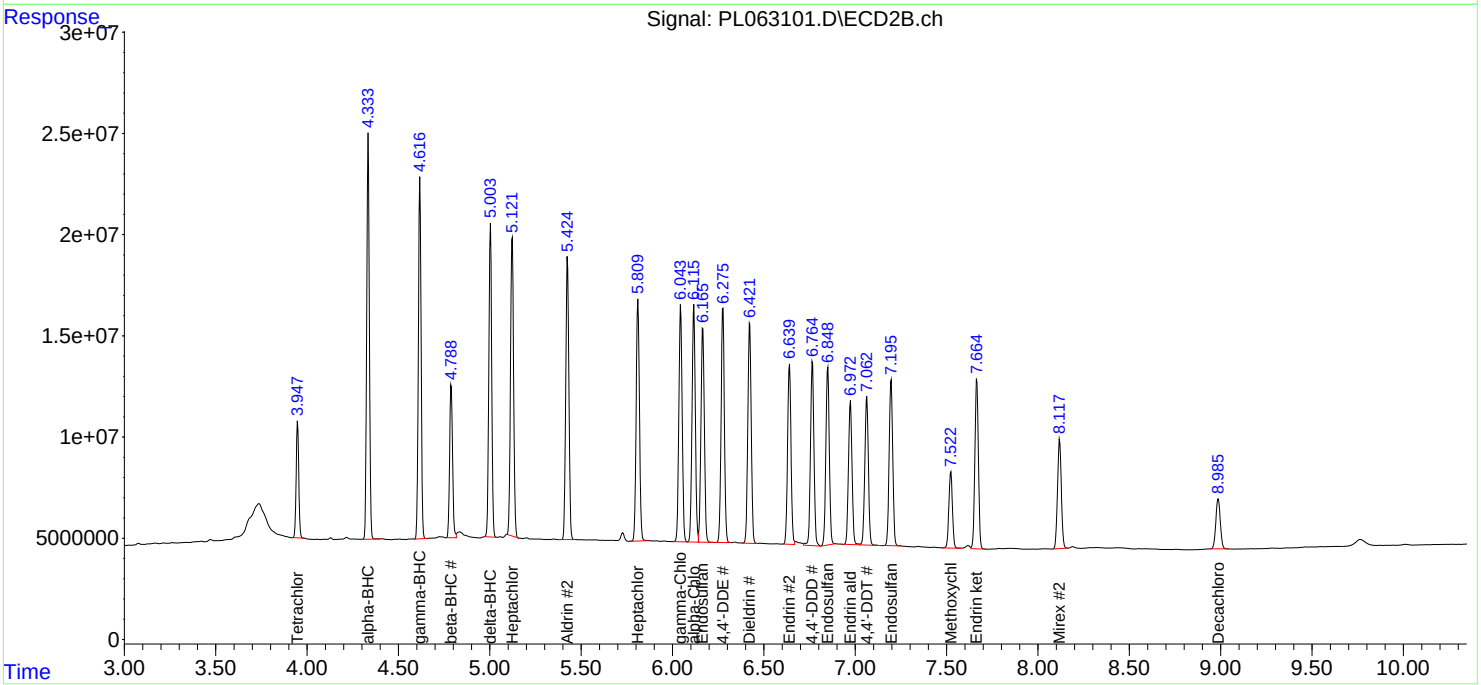
Instrument :
ECD_L
ClientSampleId :
PB133100BS

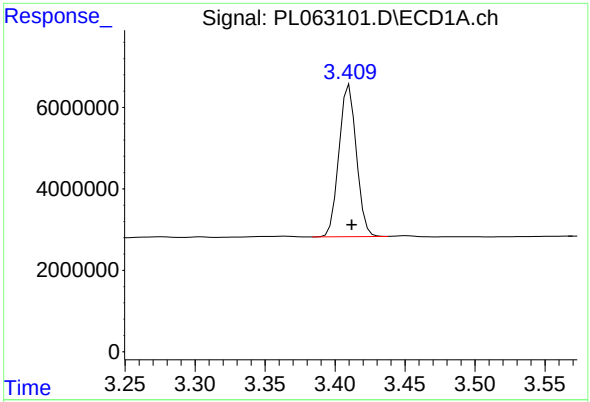
Manual Integrations APPROVED
Ankita
11/20/2020 3:37:07 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 20 04:47:56 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102120.M
Quant Title : GC Extractables
QLast Update : Thu Oct 22 04:25:31 2020
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





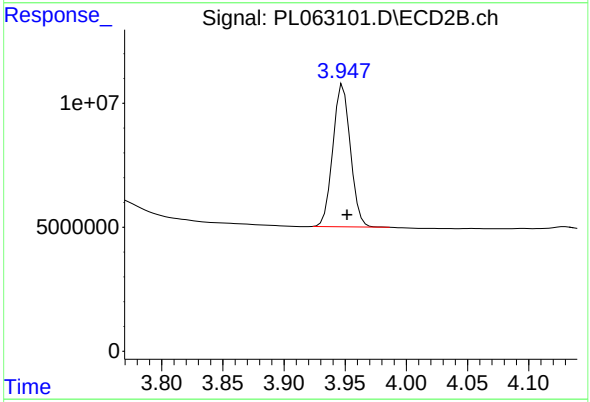


#1 Tetrachloro-m-xylene

R.T.: 3.410 min
Delta R.T.: -0.002 min
Response: 32329427
Conc: 18.80 ng/ml

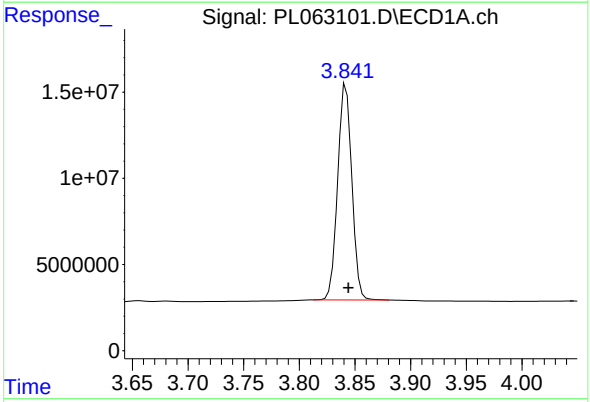
Instrument :
ECD_L
ClientSampleId :
PB133100BS

Manual Integrations APPROVED
Ankita
11/20/2020 3:37:07 PM



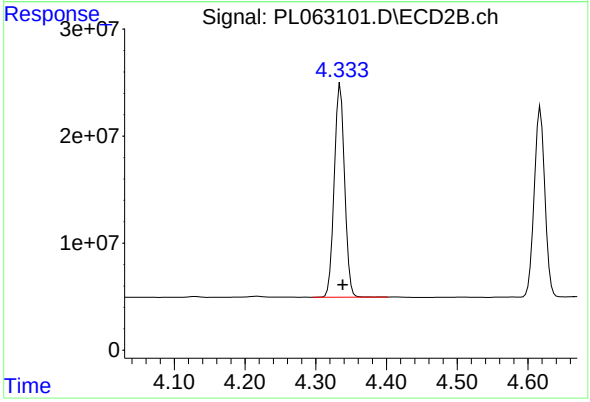
#1 Tetrachloro-m-xylene

R.T.: 3.948 min
Delta R.T.: -0.003 min
Response: 57335152
Conc: 19.51 ng/ml



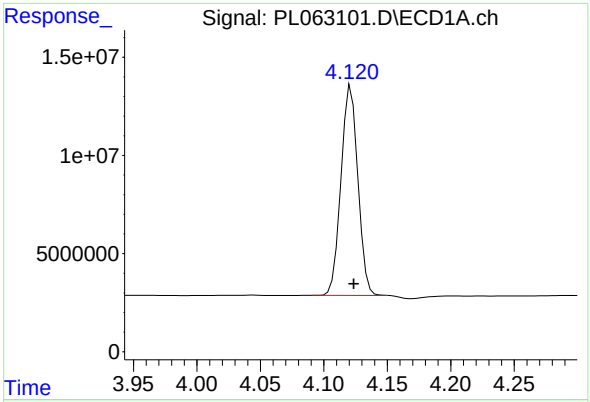
#2 alpha-BHC

R.T.: 3.842 min
Delta R.T.: -0.002 min
Response: 110846242
Conc: 43.47 ng/ml



#2 alpha-BHC

R.T.: 4.335 min
Delta R.T.: -0.003 min
Response: 202143484
Conc: 45.49 ng/ml

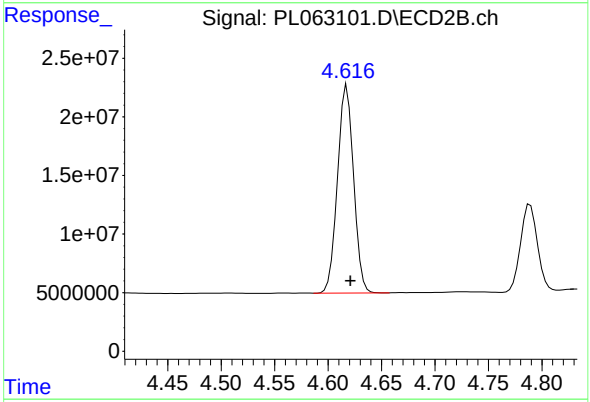


#3 gamma-BHC (Lindane)

R.T.: 4.122 min
Delta R.T.: -0.002 min
Response: 98660179
Conc: 42.59 ng/ml

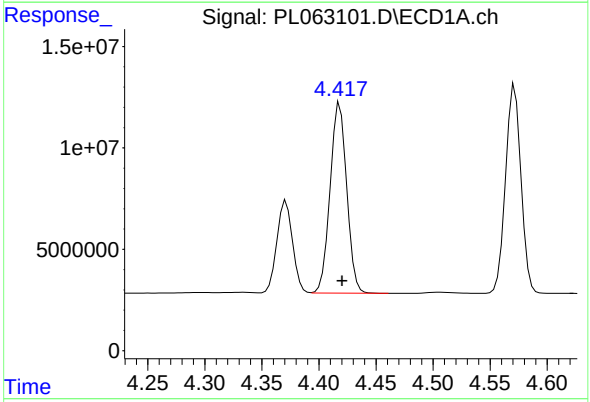
Instrument :
ECD_L
ClientSampleId :
PB133100BS

Manual Integrations APPROVED
Ankita
11/20/2020 3:37:07 PM



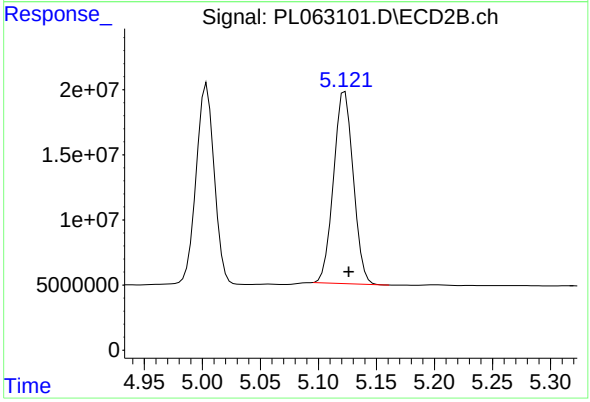
#3 gamma-BHC (Lindane)

R.T.: 4.618 min
Delta R.T.: -0.003 min
Response: 185856442
Conc: 44.51 ng/ml



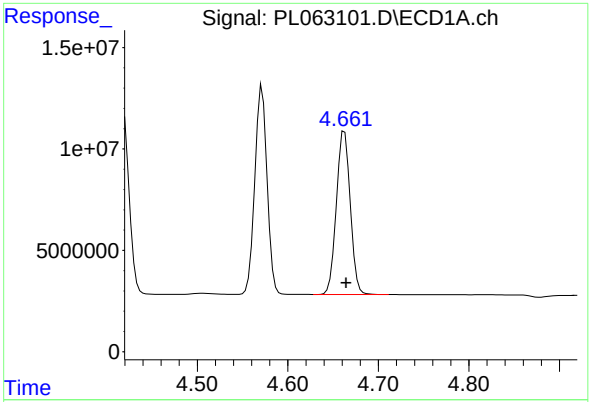
#4 Heptachlor

R.T.: 4.418 min
Delta R.T.: -0.002 min
Response: 95093909
Conc: 44.32 ng/ml



#4 Heptachlor

R.T.: 5.123 min
Delta R.T.: -0.003 min
Response: 174225744
Conc: 43.69 ng/ml

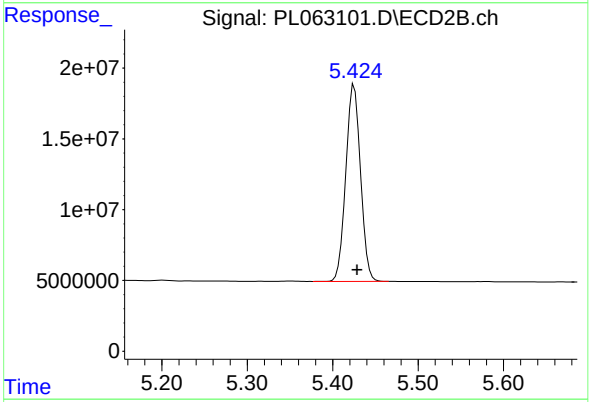


#5 Aldrin

R.T.: 4.663 min
Delta R.T.: -0.002 min
Response: 85931273
Conc: 45.02 ng/ml

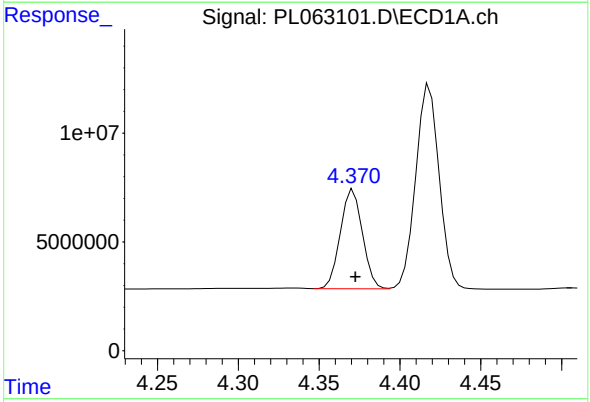
Instrument :
ECD_L
ClientSampleId :
PB133100BS

Manual Integrations APPROVED
Ankita
11/20/2020 3:37:07 PM



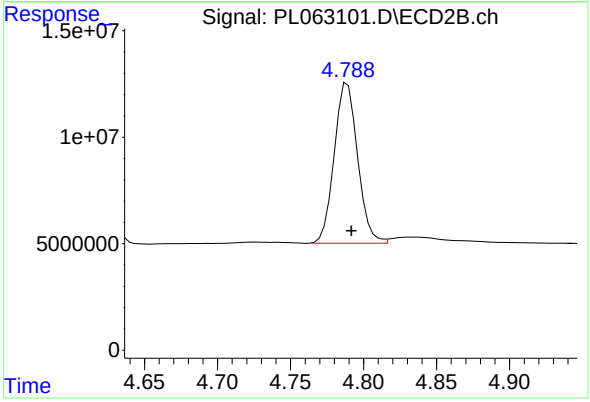
#5 Aldrin

R.T.: 5.425 min
Delta R.T.: -0.003 min
Response: 166593277
Conc: 46.03 ng/ml



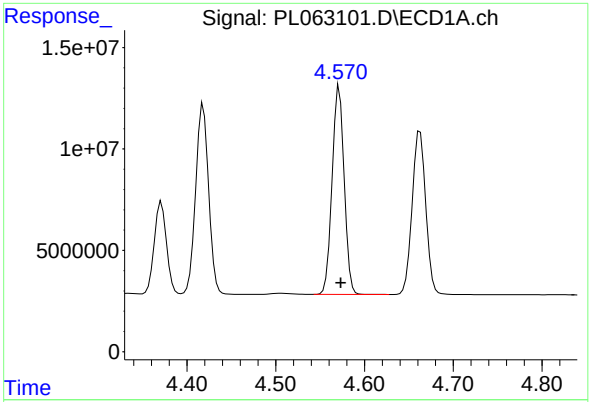
#6 beta-BHC

R.T.: 4.371 min
Delta R.T.: -0.001 min
Response: 43438938
Conc: 45.48 ng/ml



#6 beta-BHC

R.T.: 4.789 min
Delta R.T.: -0.003 min
Response: 83791029
Conc: 44.50 ng/ml

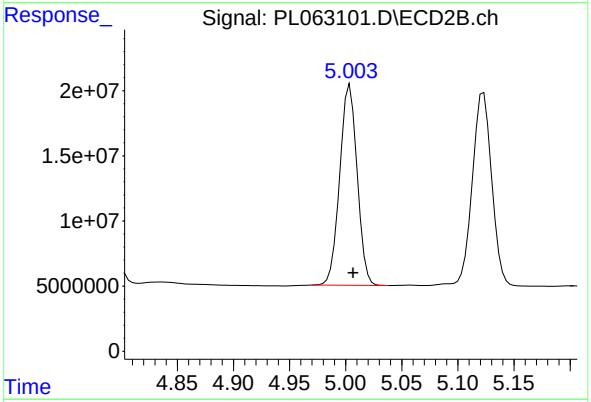


#7 delta-BHC

R.T.: 4.572 min
Delta R.T.: -0.001 min
Response: 97027977
Conc: 44.65 ng/ml

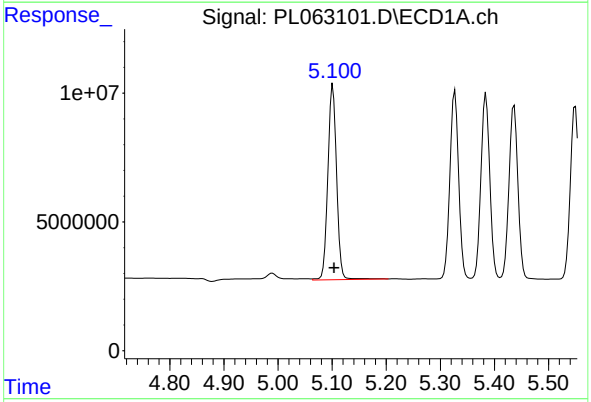
Instrument :
ECD_L
ClientSampleId :
PB133100BS

Manual Integrations APPROVED
Ankita
11/20/2020 3:37:07 PM



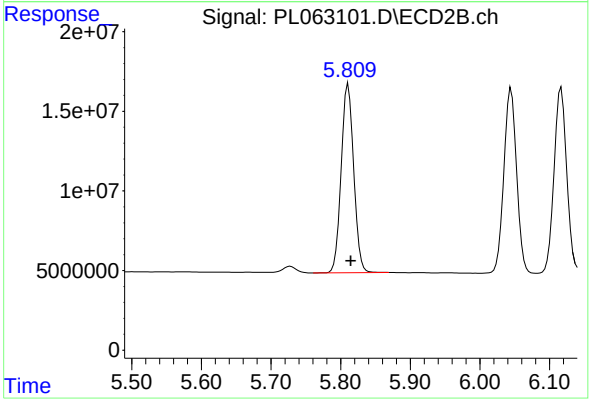
#7 delta-BHC

R.T.: 5.004 min
Delta R.T.: -0.003 min
Response: 166529816
Conc: 47.59 ng/ml



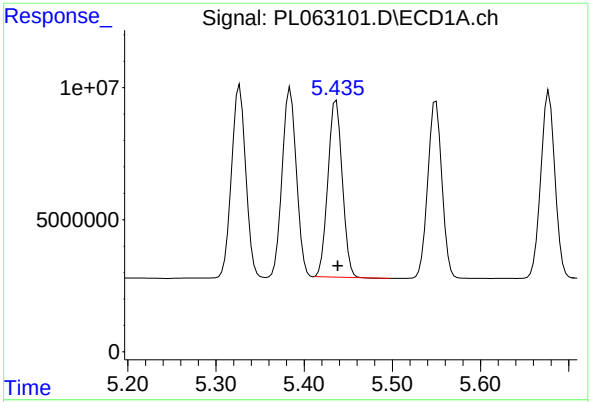
#8 Heptachlor epoxide

R.T.: 5.101 min
Delta R.T.: -0.002 min
Response: 85021489
Conc: 46.60 ng/ml



#8 Heptachlor epoxide

R.T.: 5.811 min
Delta R.T.: -0.004 min
Response: 148202029
Conc: 45.76 ng/ml

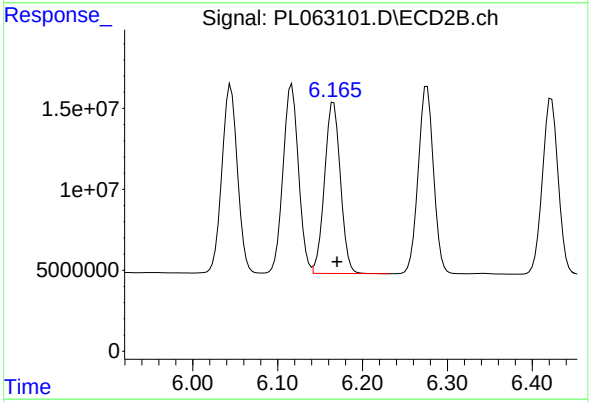


#9 Endosulfan I

R.T.: 5.436 min
Delta R.T.: -0.002 min
Response: 76010237
Conc: 45.47 ng/ml

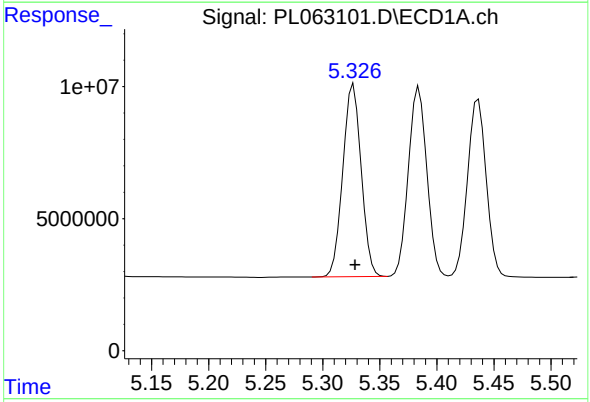
Instrument :
ECD_L
ClientSampleId :
PB133100BS

Manual Integrations APPROVED
Ankita
11/20/2020 3:37:07 PM



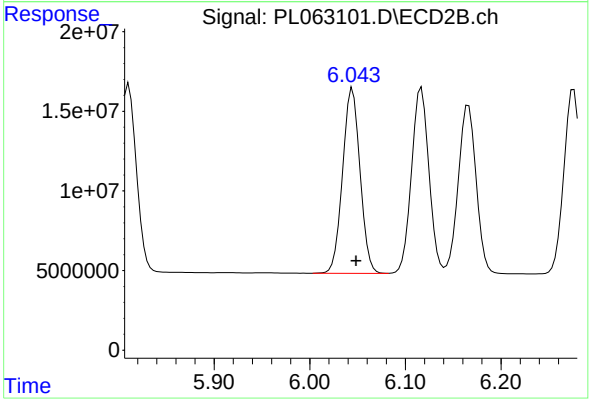
#9 Endosulfan I

R.T.: 6.166 min
Delta R.T.: -0.004 min
Response: 137977143
Conc: 43.75 ng/ml



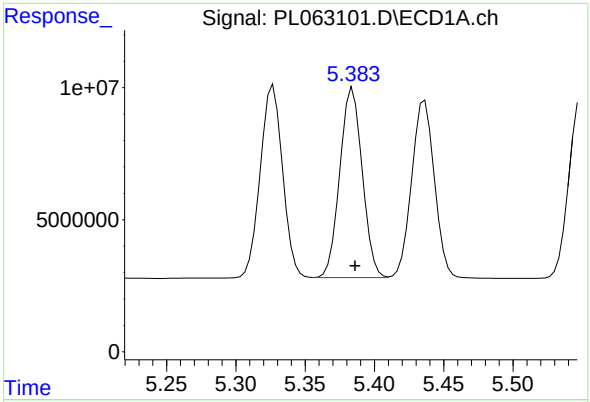
#10 gamma-Chlordane

R.T.: 5.327 min
Delta R.T.: -0.001 min
Response: 81766466
Conc: 45.39 ng/ml



#10 gamma-Chlordane

R.T.: 6.045 min
Delta R.T.: -0.004 min
Response: 147995285
Conc: 43.96 ng/ml

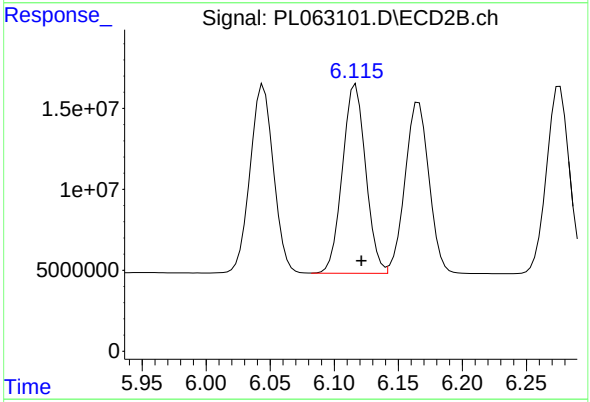


#11 alpha-Chlordane

R.T.: 5.383 min
Delta R.T.: -0.003 min
Response: 81212910
Conc: 44.92 ng/ml m

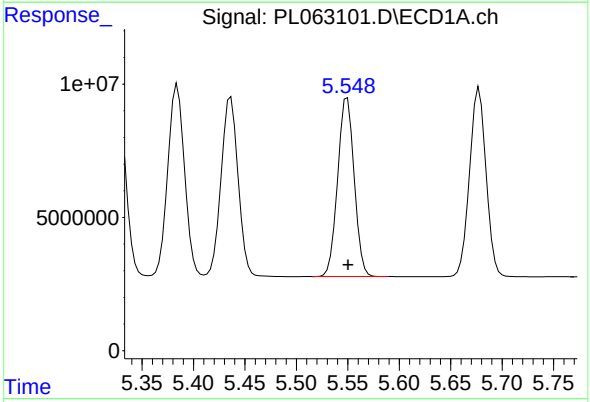
Instrument :
ECD_L
ClientSampleId :
PB133100BS

Manual Integrations APPROVED
Ankita
11/20/2020 3:37:07 PM



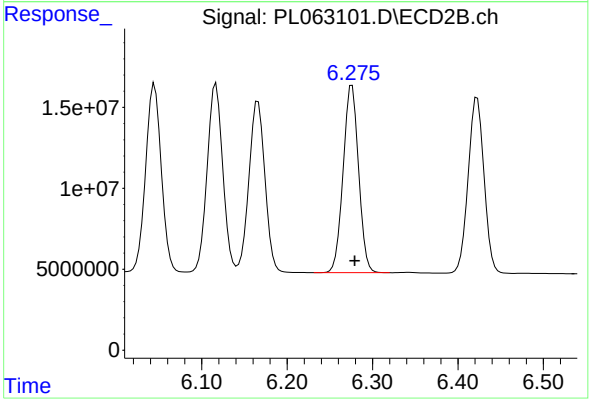
#11 alpha-Chlordane

R.T.: 6.117 min
Delta R.T.: -0.004 min
Response: 147701831
Conc: 43.84 ng/ml



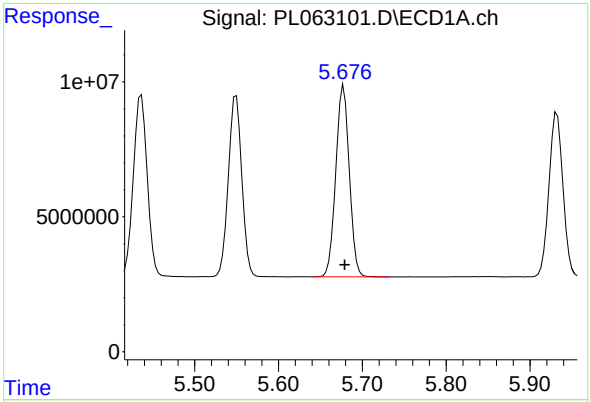
#12 4,4'-DDE

R.T.: 5.550 min
Delta R.T.: 0.000 min
Response: 75016271
Conc: 45.34 ng/ml



#12 4,4'-DDE

R.T.: 6.276 min
Delta R.T.: -0.003 min
Response: 145361340
Conc: 45.11 ng/ml

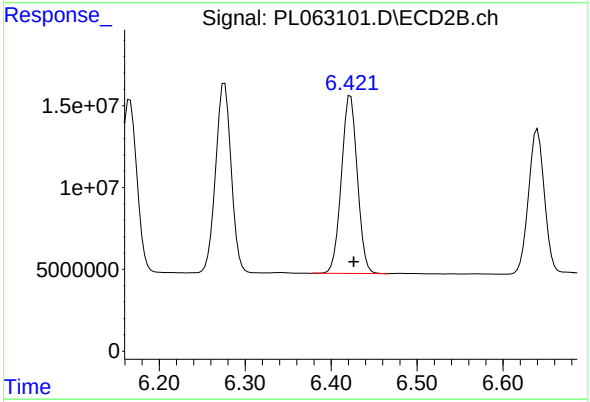


#13 Dieldrin

R.T.: 5.678 min
Delta R.T.: -0.001 min
Response: 79411869
Conc: 44.94 ng/ml

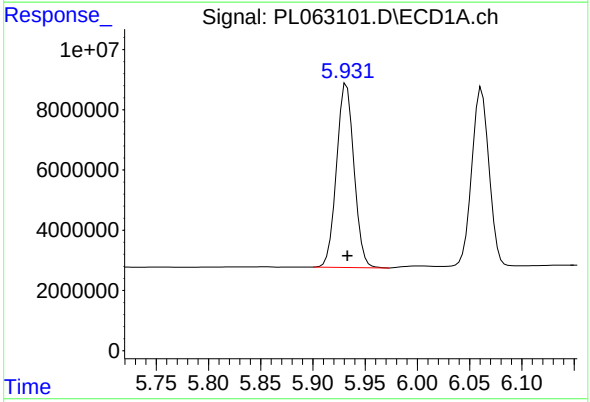
Instrument :
ECD_L
ClientSampleId :
PB133100BS

Manual Integrations APPROVED
Ankita
11/20/2020 3:37:07 PM



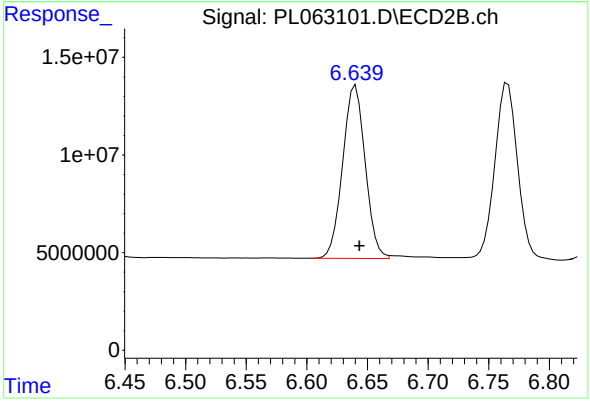
#13 Dieldrin

R.T.: 6.423 min
Delta R.T.: -0.004 min
Response: 140569239
Conc: 43.92 ng/ml



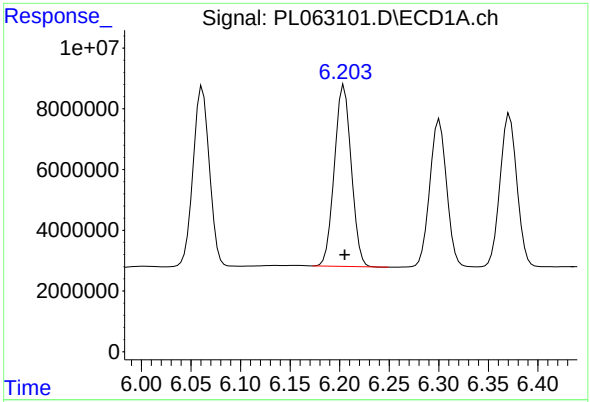
#14 Endrin

R.T.: 5.932 min
Delta R.T.: 0.000 min
Response: 70835578
Conc: 42.58 ng/ml



#14 Endrin

R.T.: 6.639 min
Delta R.T.: -0.004 min
Response: 114558275
Conc: 41.04 ng/ml m

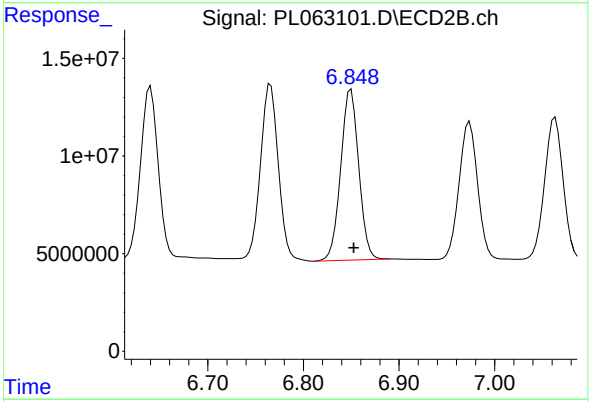


#15 Endosulfan II

R.T.: 6.204 min
Delta R.T.: 0.000 min
Response: 70772156
Conc: 42.93 ng/ml

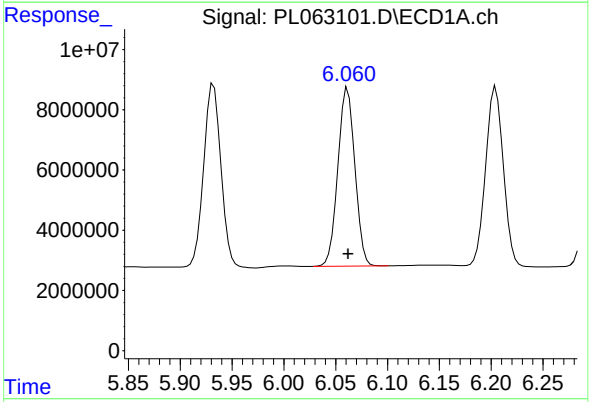
Instrument :
ECD_L
ClientSampleId :
PB133100BS

Manual Integrations APPROVED
Ankita
11/20/2020 3:37:07 PM



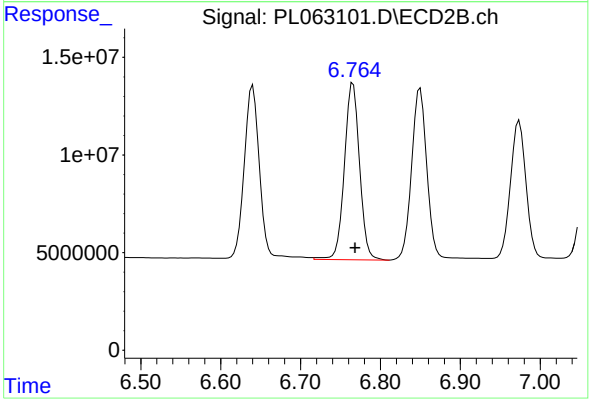
#15 Endosulfan II

R.T.: 6.850 min
Delta R.T.: -0.003 min
Response: 114932956
Conc: 40.21 ng/ml



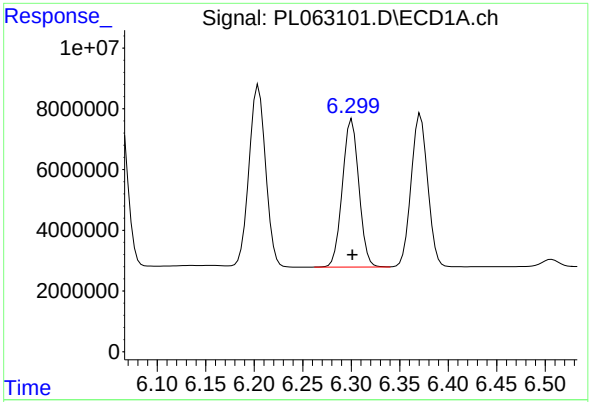
#16 4,4'-DDD

R.T.: 6.062 min
Delta R.T.: 0.000 min
Response: 67780925
Conc: 47.92 ng/ml



#16 4,4'-DDD

R.T.: 6.766 min
Delta R.T.: -0.003 min
Response: 119723371
Conc: 46.77 ng/ml

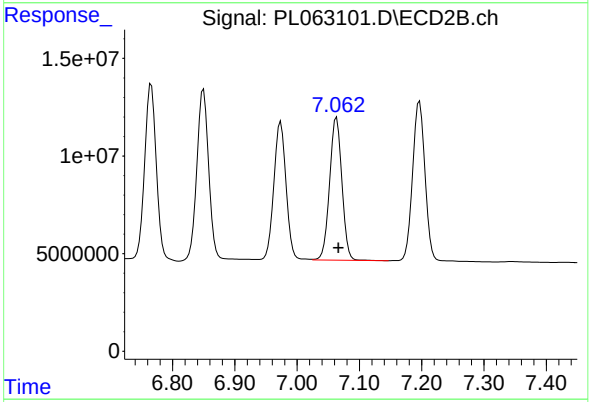


#17 4,4'-DDT

R.T.: 6.301 min
Delta R.T.: 0.000 min
Response: 57565006
Conc: 43.13 ng/ml

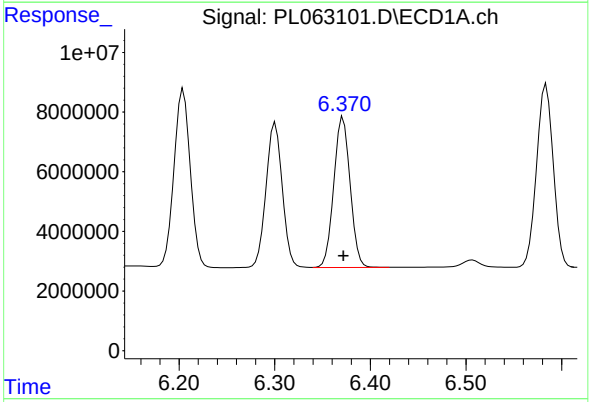
Instrument :
ECD_L
ClientSampleId :
PB133100BS

Manual Integrations APPROVED
Ankita
11/20/2020 3:37:07 PM



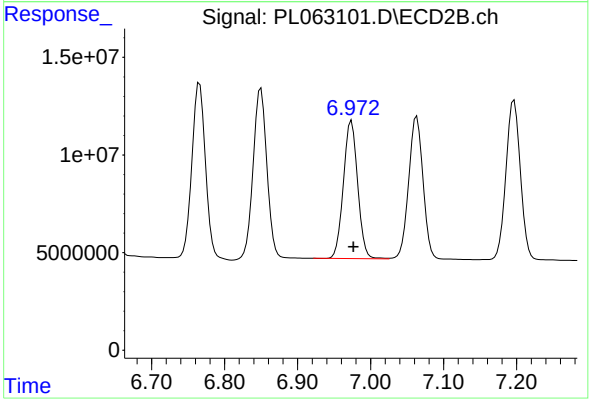
#17 4,4'-DDT

R.T.: 7.063 min
Delta R.T.: -0.003 min
Response: 100264936
Conc: 44.66 ng/ml



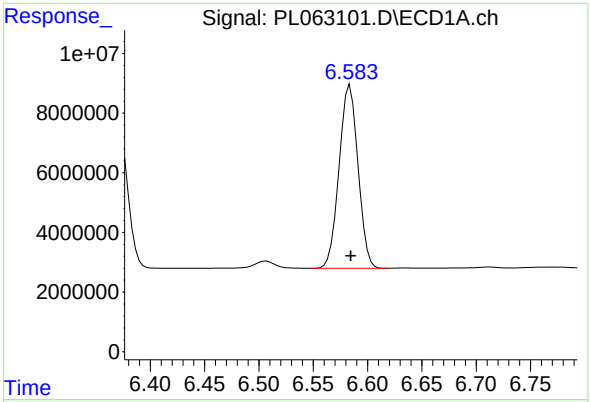
#18 Endrin aldehyde

R.T.: 6.371 min
Delta R.T.: 0.000 min
Response: 59925918
Conc: 41.27 ng/ml



#18 Endrin aldehyde

R.T.: 6.974 min
Delta R.T.: -0.003 min
Response: 95846709
Conc: 42.03 ng/ml

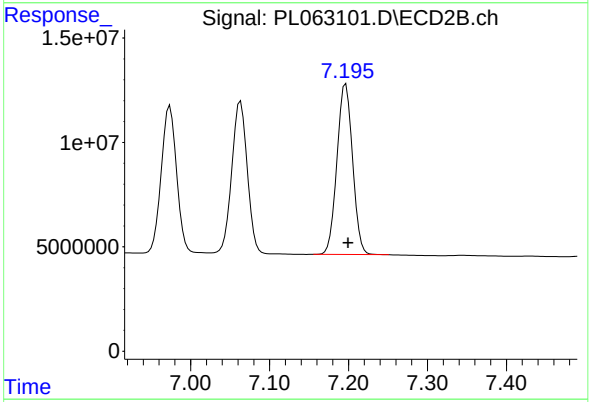


#19 Endosulfan Sulfate

R.T.: 6.584 min
Delta R.T.: 0.000 min
Response: 74586047
Conc: 45.20 ng/ml

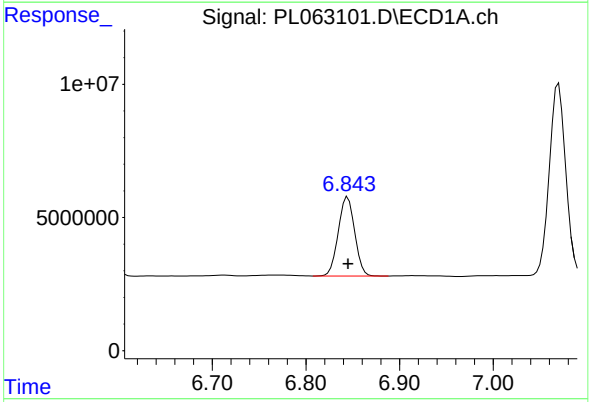
Instrument :
ECD_L
ClientSampleId :
PB133100BS

Manual Integrations APPROVED
Ankita
11/20/2020 3:37:07 PM



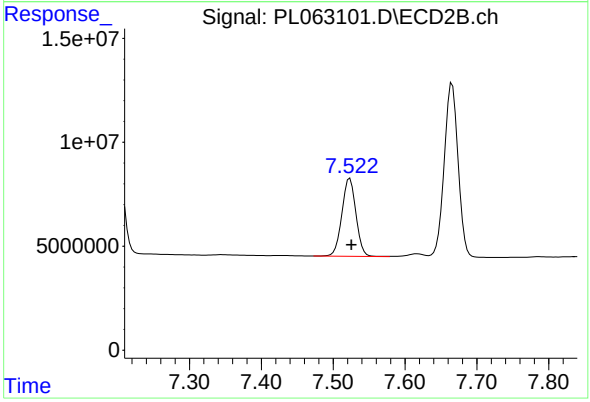
#19 Endosulfan Sulfate

R.T.: 7.196 min
Delta R.T.: -0.003 min
Response: 112263140
Conc: 46.79 ng/ml



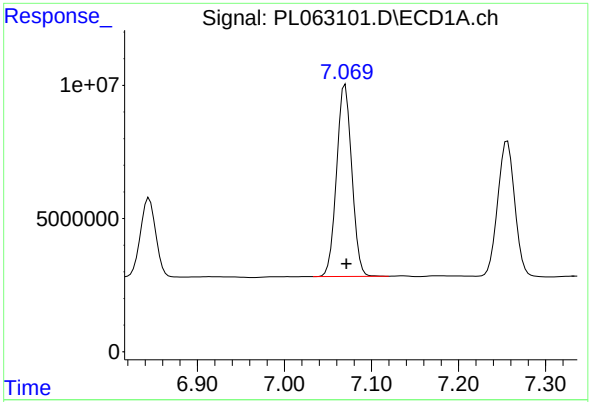
#20 Methoxychlor

R.T.: 6.845 min
Delta R.T.: 0.000 min
Response: 36212995
Conc: 42.04 ng/ml



#20 Methoxychlor

R.T.: 7.523 min
Delta R.T.: -0.002 min
Response: 51008490
Conc: 41.29 ng/ml

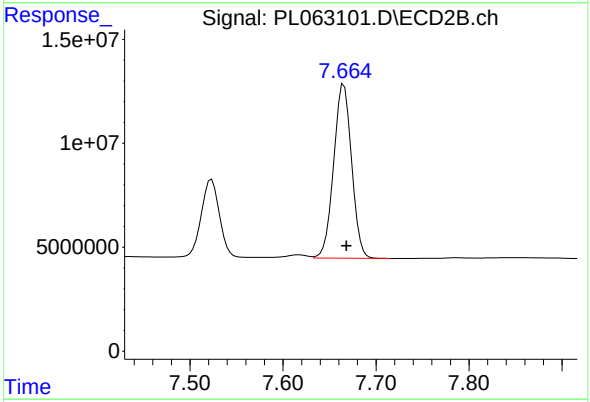


#21 Endrin ketone

R.T.: 7.070 min
Delta R.T.: -0.001 min
Response: 87534863
Conc: 48.55 ng/ml

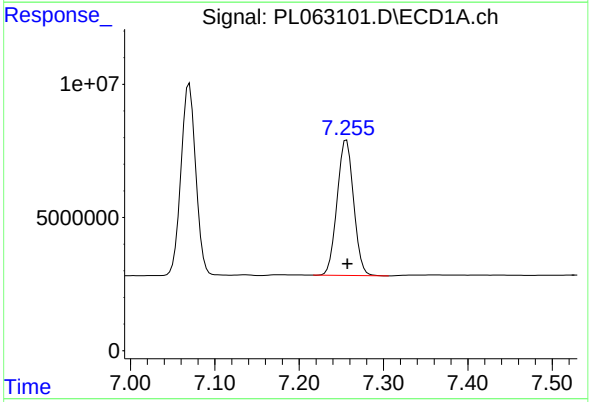
Instrument :
ECD_L
ClientSampleId :
PB133100BS

Manual Integrations APPROVED
Ankita
11/20/2020 3:37:07 PM



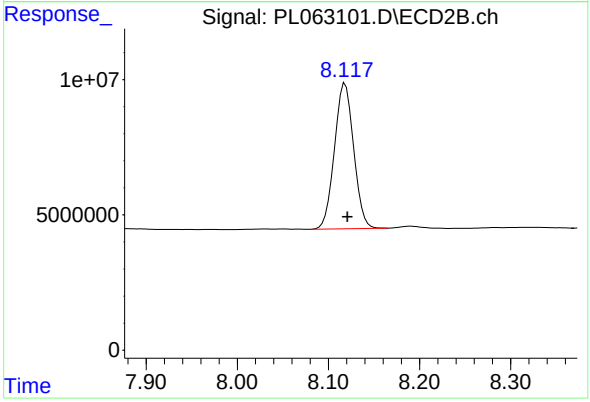
#21 Endrin ketone

R.T.: 7.665 min
Delta R.T.: -0.003 min
Response: 112145065
Conc: 47.32 ng/ml



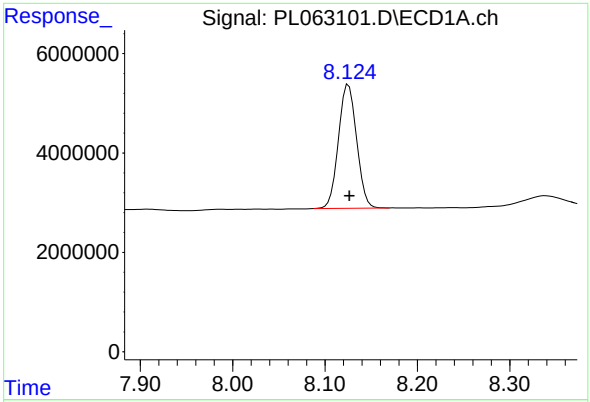
#22 Mirex

R.T.: 7.256 min
Delta R.T.: 0.000 min
Response: 69275567
Conc: 48.87 ng/ml



#22 Mirex

R.T.: 8.118 min
Delta R.T.: -0.003 min
Response: 78581929
Conc: 46.11 ng/ml

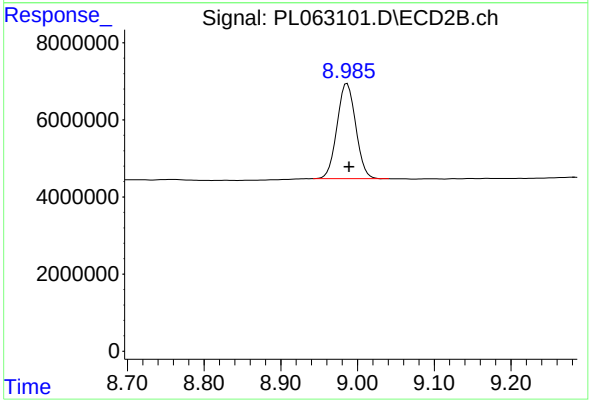


#28 Decachlorobiphenyl

R.T.: 8.125 min
Delta R.T.: 0.000 min
Response: 34103229
Conc: 21.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB133100BS

Manual Integrations APPROVED
Ankita
11/20/2020 3:37:07 PM



#28 Decachlorobiphenyl

R.T.: 8.986 min
Delta R.T.: -0.003 min
Response: 41972744
Conc: 20.05 ng/ml