Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102720\
Data File : PL062617.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2020 14:04
Operator : DD\AJ
Sample : L4523-05MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
CS-41MSD

Manual Integrations APPROVED
Ankita
10/28/2020 3:44:45 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 05:03:47 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...	3.412	3.966	37969085	68427252	22.074	23.285m
28)	SA Decachlor...	8.127	9.006f	39862408	52962526	24.847	25.305
	Target Compounds						
2)	A alpha-BHC	3.843	4.352	124.2E6	231.7E6	48.697	52.152m
3)	MA gamma-BHC...	4.123	4.635	111.6E6	217.5E6	48.175	52.085m
4)	MA Heptachlor	4.420	5.141	104.1E6	207.8E6	48.519	52.120m
5)	MB Aldrin	4.664	5.444f	92739000	188.8E6	48.586	52.152m
6)	B beta-BHC	4.372	4.808f	46304116	92648713	48.476	49.202
7)	B delta-BHC	4.573	5.021	105.8E6	195.5E6	48.690	55.874m
8)	B Heptachlo...	5.103	5.830f	89846138	172.7E6	49.242	53.317
9)	A Endosulfan I	5.438	6.186f	82725399	157.7E6	49.488	50.007
10)	B gamma-Chl...	5.328	6.064f	87618250	167.1E6	48.634	49.636
11)	B alpha-Chl...	5.386	6.136f	87687053	171.0E6	48.506	50.760
12)	B 4,4'-DDE	5.551	6.294	81546995	163.4E6	49.290	50.700m
13)	MA Dieldrin	5.679	6.442f	86230308	161.0E6	48.801	50.301
14)	MA Endrin	5.934	6.658	80011685	133.7E6	48.090	47.919m
15)	B Endosulfa...	6.205	6.867	80027287	142.5E6	48.541	49.852m
16)	A 4,4'-DDD	6.063	6.785f	70468022	139.6E6	49.819	54.522
17)	MA 4,4'-DDT	6.302	7.082f	63932828	115.9E6	47.905	51.611
18)	B Endrin al...	6.373	6.993f	69761439	118.8E6	48.042	52.081
19)	B Endosulfa...	6.585	7.216f	79724863	129.5E6	48.311	53.963
20)	A Methoxychlor	6.846	7.542f	39790654	63265766	46.199	51.206
21)	B Endrin ke...	7.070	7.685f	92273253	136.0E6	51.177m	57.394
22)	Mirex	7.258	8.137f	69284151	92985180	48.871	54.566

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

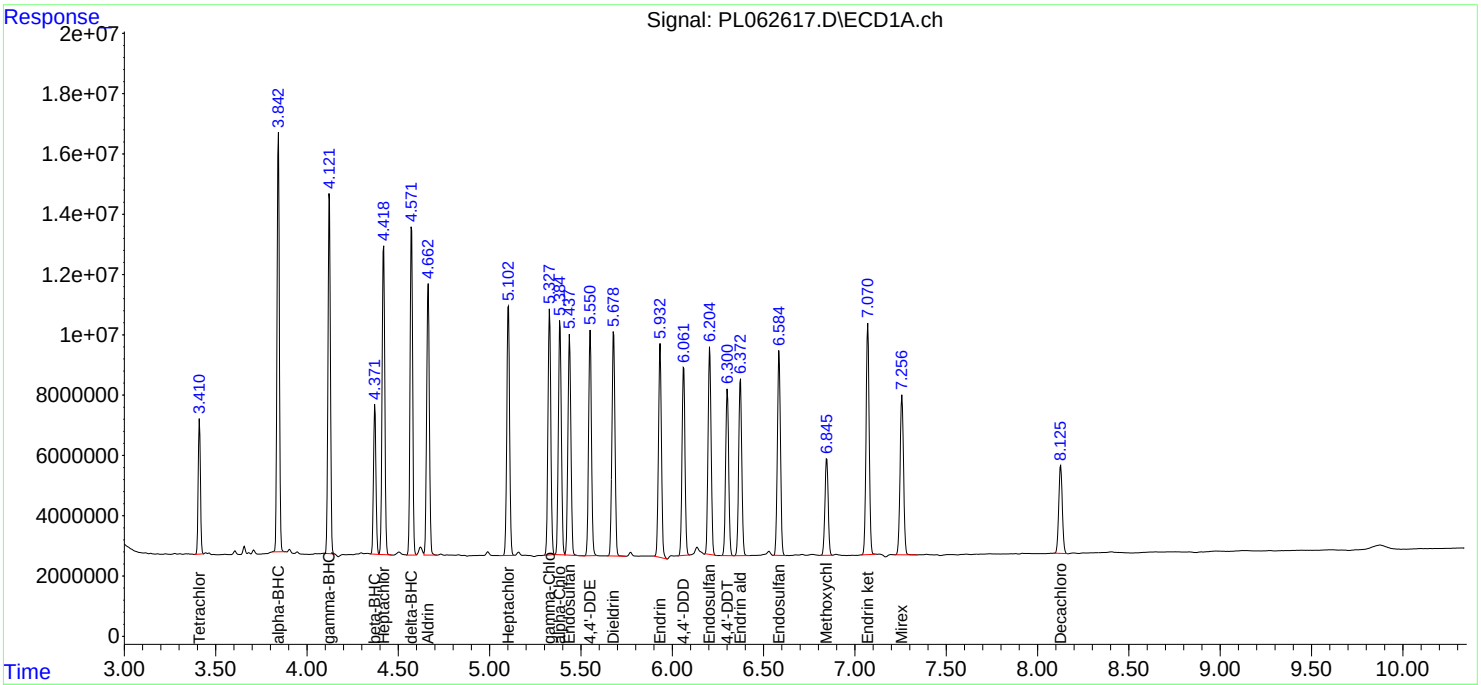
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102720\
Data File : PL062617.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Oct 2020 14:04
Operator : DD\AJ
Sample : L4523-05MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

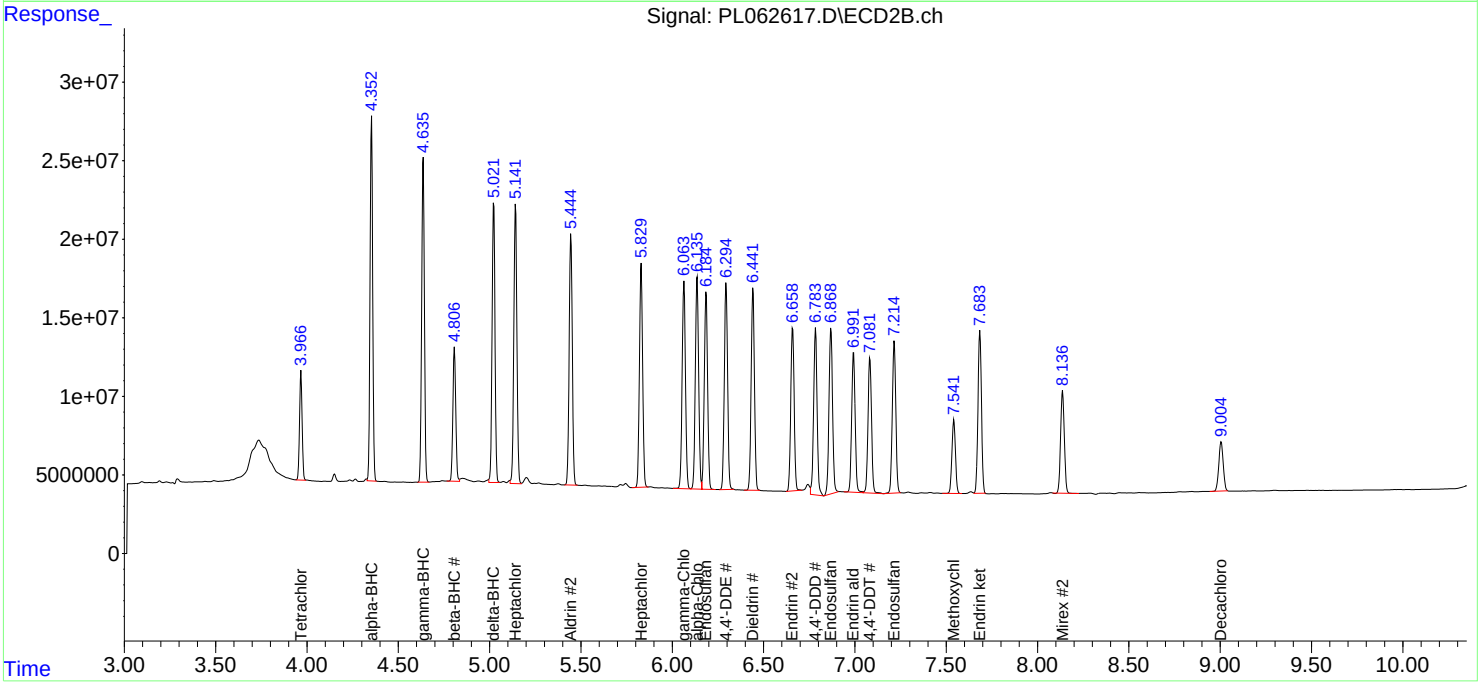
Instrument :
ECD_L
ClientSampleId :
CS-41MSD

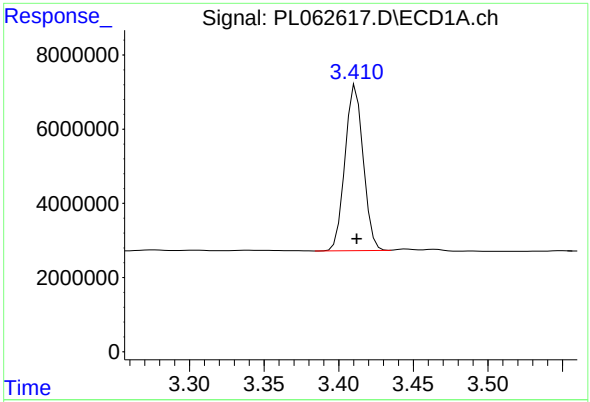
Manual Integrations APPROVED
Ankita
10/28/2020 3:44:45 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 28 05:03:47 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





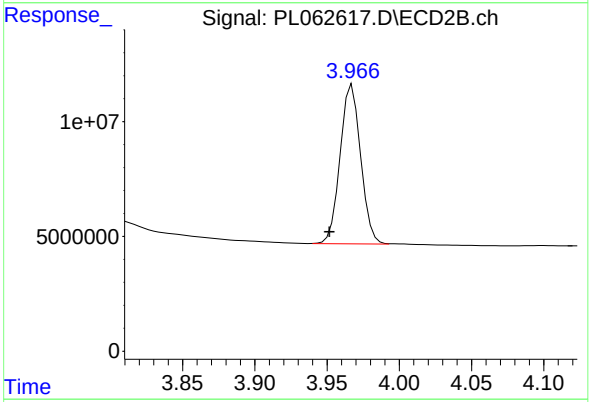


#1 Tetrachloro-m-xylene

R.T.: 3.412 min
Delta R.T.: 0.000 min
Response: 37969085
Conc: 22.07 ng/ml

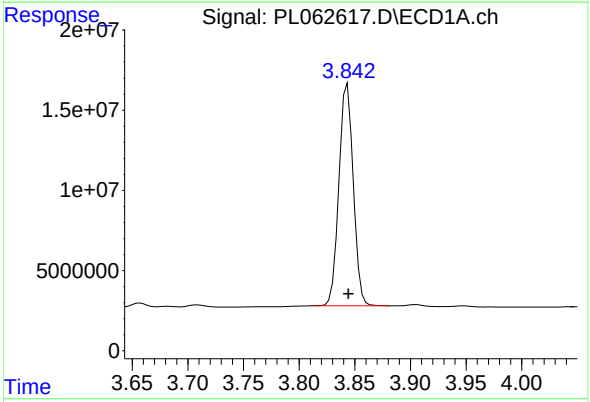
Instrument :
ECD_L
ClientSampleId :
CS-41MSD

Manual Integrations APPROVED
Ankita
10/28/2020 3:44:45 PM



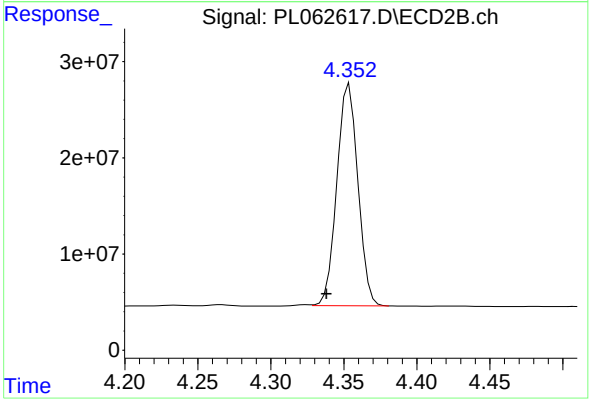
#1 Tetrachloro-m-xylene

R.T.: 3.966 min
Delta R.T.: 0.014 min
Response: 68427252
Conc: 23.28 ng/ml m



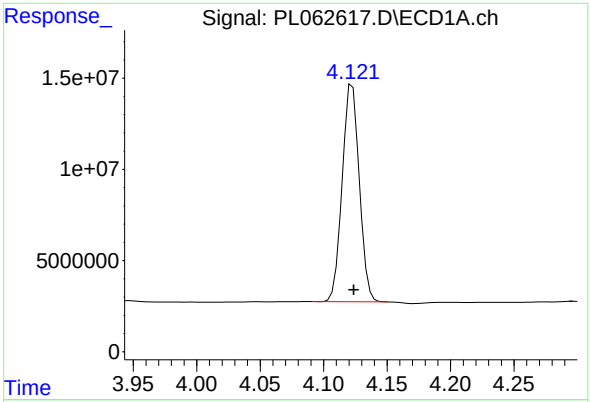
#2 alpha-BHC

R.T.: 3.843 min
Delta R.T.: 0.000 min
Response: 124161748
Conc: 48.70 ng/ml



#2 alpha-BHC

R.T.: 4.352 min
Delta R.T.: 0.014 min
Response: 231723193
Conc: 52.15 ng/ml m

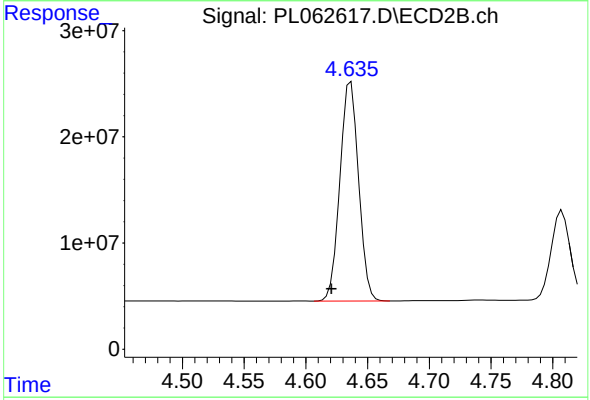


#3 gamma-BHC (Lindane)

R.T.: 4.123 min
Delta R.T.: 0.000 min
Response: 111605865
Conc: 48.17 ng/ml

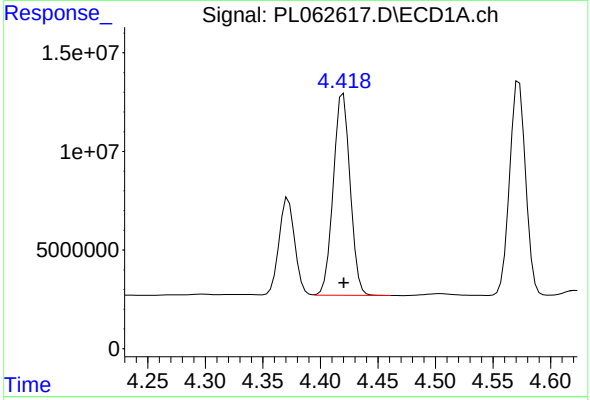
Instrument :
ECD_L
ClientSampleId :
CS-41MSD

Manual Integrations APPROVED
Ankita
10/28/2020 3:44:45 PM



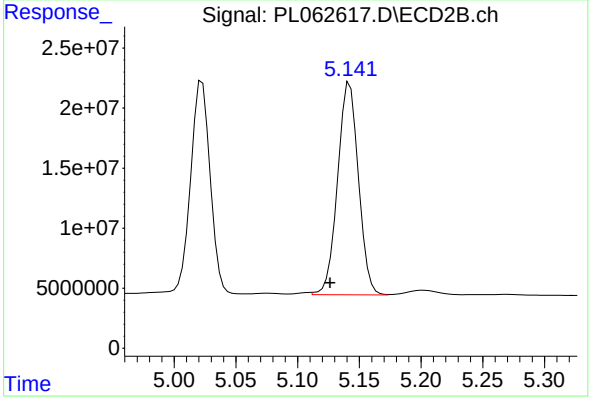
#3 gamma-BHC (Lindane)

R.T.: 4.635 min
Delta R.T.: 0.014 min
Response: 217491638
Conc: 52.08 ng/ml m



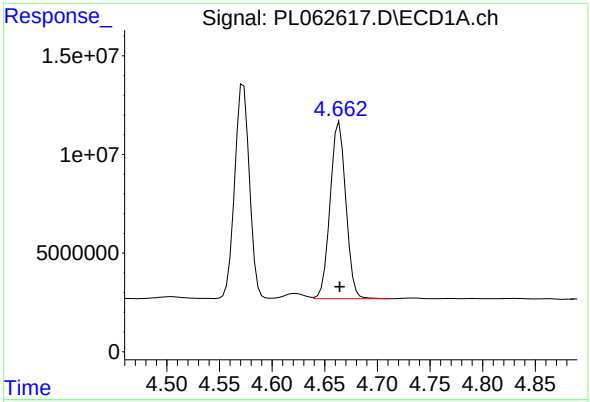
#4 Heptachlor

R.T.: 4.420 min
Delta R.T.: 0.000 min
Response: 104111281
Conc: 48.52 ng/ml



#4 Heptachlor

R.T.: 5.141 min
Delta R.T.: 0.015 min
Response: 207848746
Conc: 52.12 ng/ml m

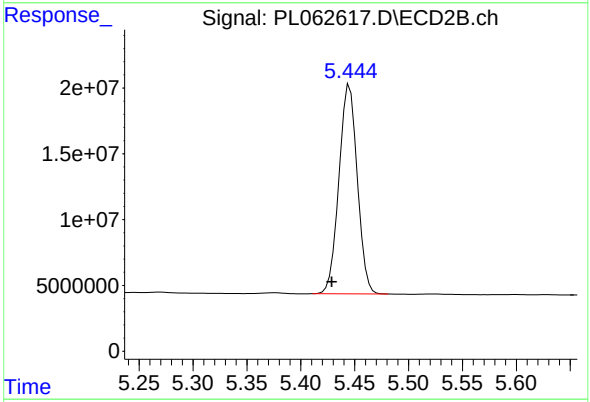


#5 Aldrin

R.T.: 4.664 min
Delta R.T.: 0.000 min
Response: 92739000
Conc: 48.59 ng/ml

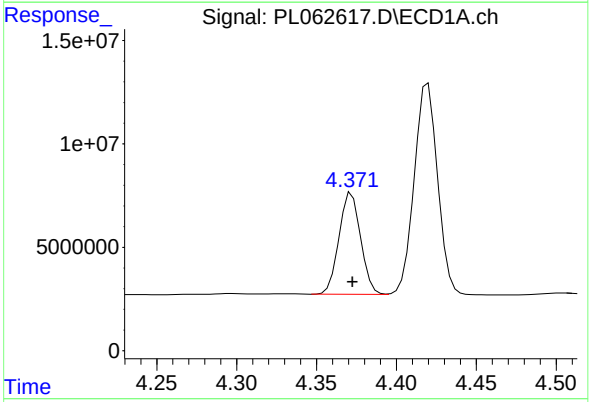
Instrument :
ECD_L
ClientSampleId :
CS-41MSD

Manual Integrations APPROVED
Ankita
10/28/2020 3:44:45 PM



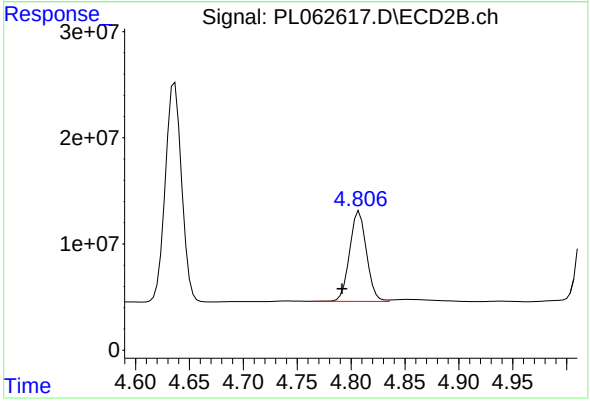
#5 Aldrin

R.T.: 5.444 min
Delta R.T.: 0.015 min
Response: 188762918
Conc: 52.15 ng/ml m



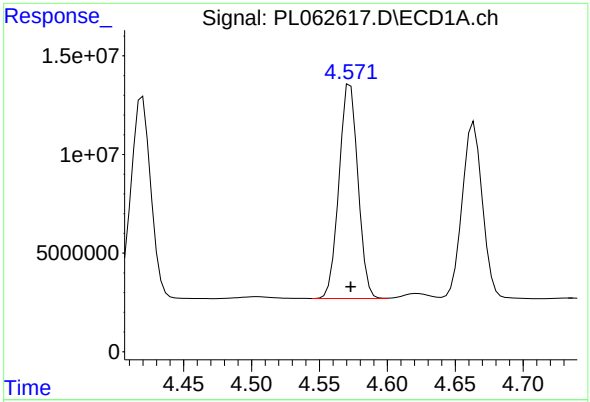
#6 beta-BHC

R.T.: 4.372 min
Delta R.T.: 0.000 min
Response: 46304116
Conc: 48.48 ng/ml



#6 beta-BHC

R.T.: 4.808 min
Delta R.T.: 0.016 min
Response: 92648713
Conc: 49.20 ng/ml

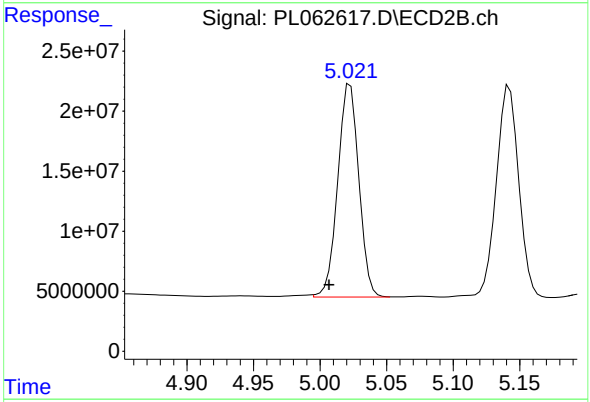


#7 delta-BHC

R.T.: 4.573 min
Delta R.T.: 0.000 min
Response: 105813157
Conc: 48.69 ng/ml

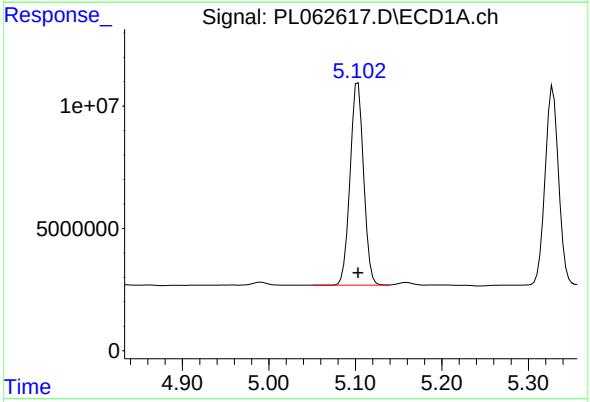
Instrument :
ECD_L
ClientSampleId :
CS-41MSD

Manual Integrations APPROVED
Ankita
10/28/2020 3:44:45 PM



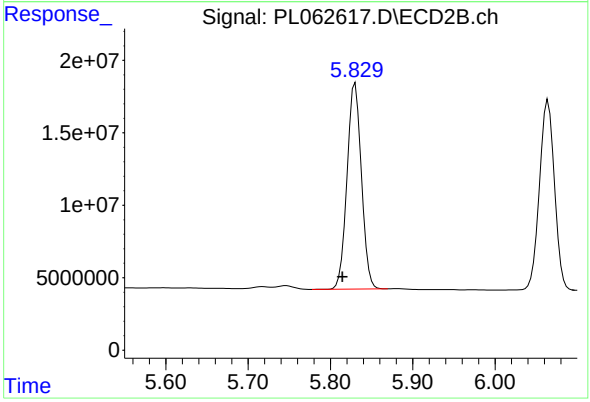
#7 delta-BHC

R.T.: 5.021 min
Delta R.T.: 0.015 min
Response: 195528023
Conc: 55.87 ng/ml m



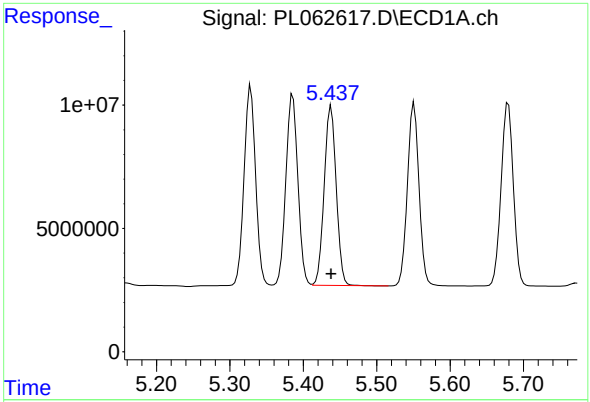
#8 Heptachlor epoxide

R.T.: 5.103 min
Delta R.T.: 0.000 min
Response: 89846138
Conc: 49.24 ng/ml



#8 Heptachlor epoxide

R.T.: 5.830 min
Delta R.T.: 0.016 min
Response: 172673378
Conc: 53.32 ng/ml

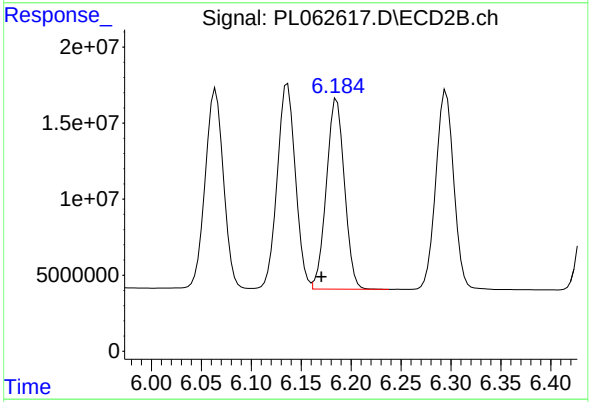


#9 Endosulfan I

R.T.: 5.438 min
Delta R.T.: 0.000 min
Response: 82725399
Conc: 49.49 ng/ml

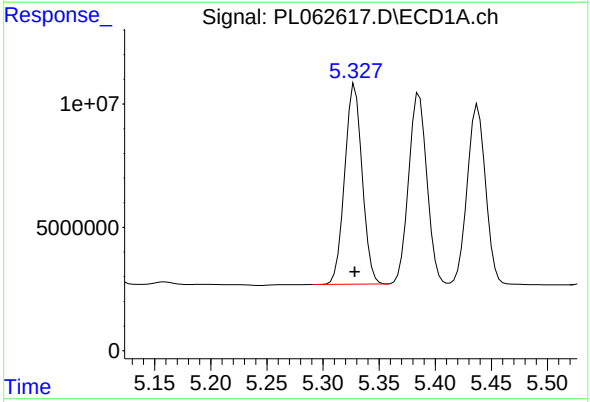
Instrument :
ECD_L
ClientSampleId :
CS-41MSD

Manual Integrations APPROVED
Ankita
10/28/2020 3:44:45 PM



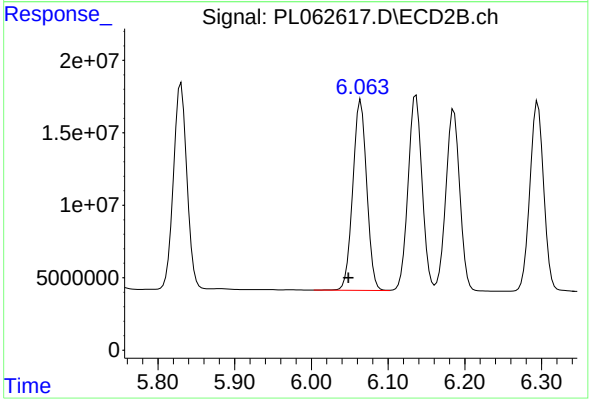
#9 Endosulfan I

R.T.: 6.186 min
Delta R.T.: 0.015 min
Response: 157714484
Conc: 50.01 ng/ml



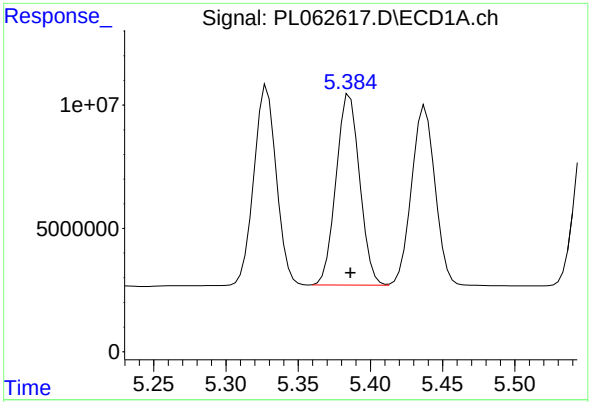
#10 gamma-Chlordane

R.T.: 5.328 min
Delta R.T.: 0.000 min
Response: 87618250
Conc: 48.63 ng/ml



#10 gamma-Chlordane

R.T.: 6.064 min
Delta R.T.: 0.016 min
Response: 167091741
Conc: 49.64 ng/ml

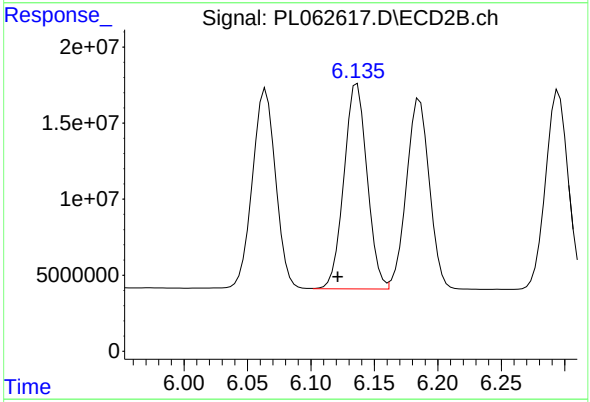


#11 alpha-Chlordane

R.T.: 5.386 min
Delta R.T.: 0.000 min
Response: 87687053
Conc: 48.51 ng/ml

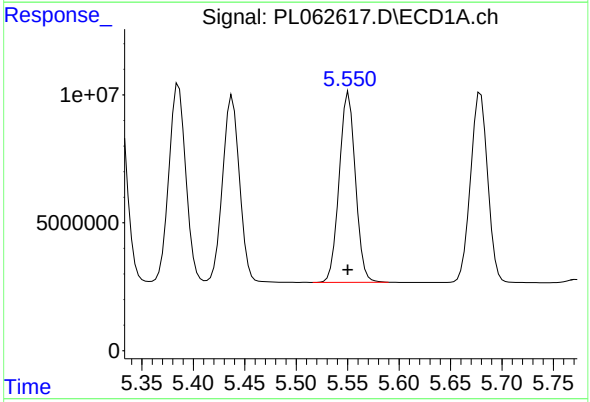
Instrument :
ECD_L
ClientSampleId :
CS-41MSD

Manual Integrations APPROVED
Ankita
10/28/2020 3:44:45 PM



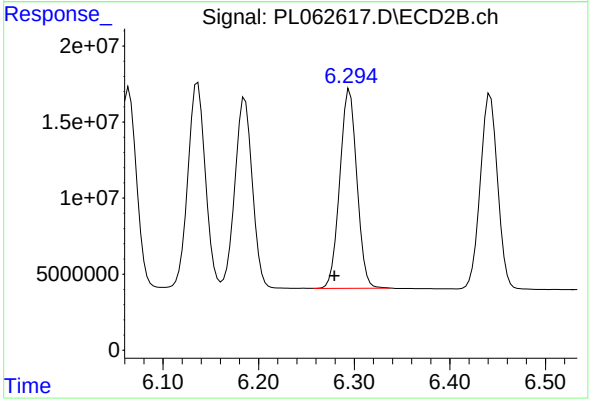
#11 alpha-Chlordane

R.T.: 6.136 min
Delta R.T.: 0.015 min
Response: 171006677
Conc: 50.76 ng/ml



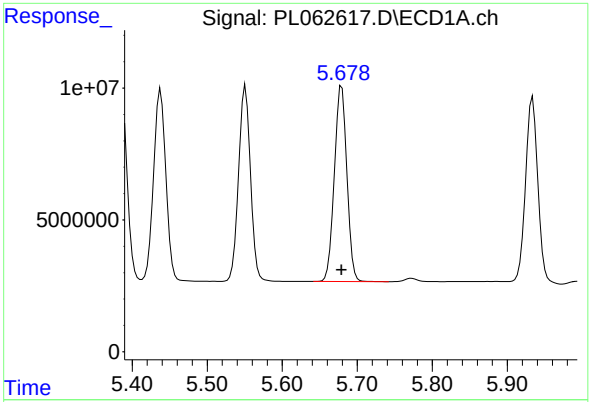
#12 4,4'-DDE

R.T.: 5.551 min
Delta R.T.: 0.000 min
Response: 81546995
Conc: 49.29 ng/ml



#12 4,4'-DDE

R.T.: 6.294 min
Delta R.T.: 0.014 min
Response: 163357630
Conc: 50.70 ng/ml m

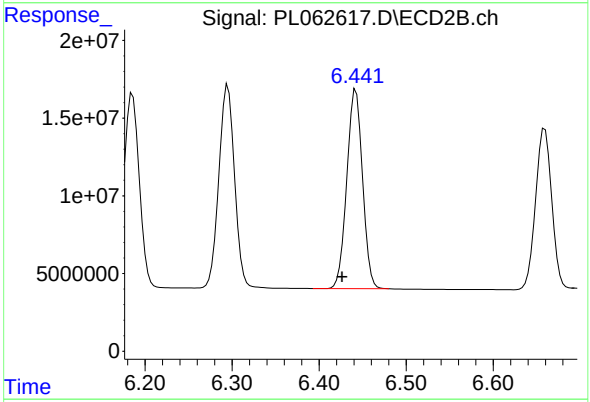


#13 Dieldrin

R.T.: 5.679 min
Delta R.T.: 0.000 min
Response: 86230308
Conc: 48.80 ng/ml

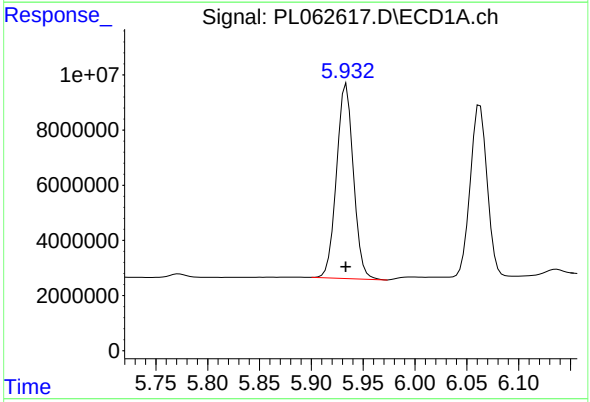
Instrument :
ECD_L
ClientSampleId :
CS-41MSD

Manual Integrations APPROVED
Ankita
10/28/2020 3:44:45 PM



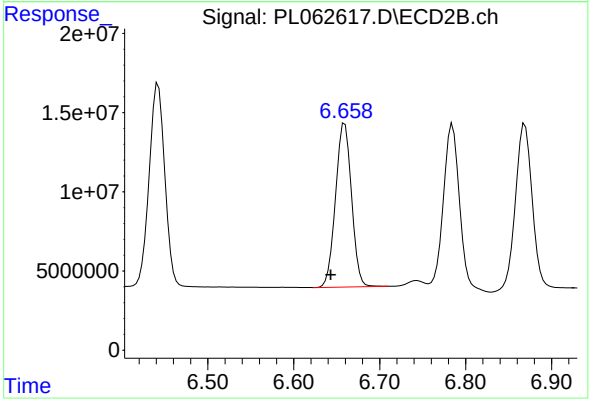
#13 Dieldrin

R.T.: 6.442 min
Delta R.T.: 0.016 min
Response: 161006371
Conc: 50.30 ng/ml



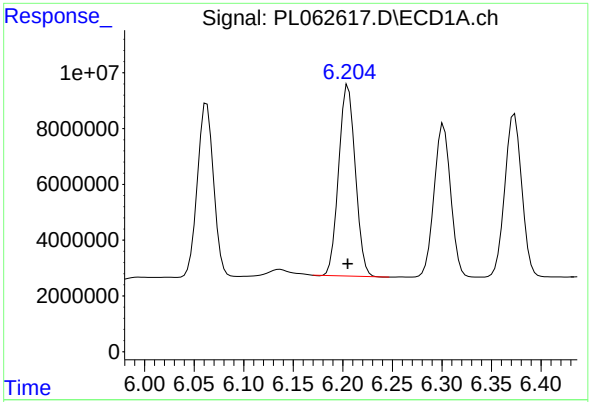
#14 Endrin

R.T.: 5.934 min
Delta R.T.: 0.000 min
Response: 80011685
Conc: 48.09 ng/ml



#14 Endrin

R.T.: 6.658 min
Delta R.T.: 0.015 min
Response: 133745960
Conc: 47.92 ng/ml m

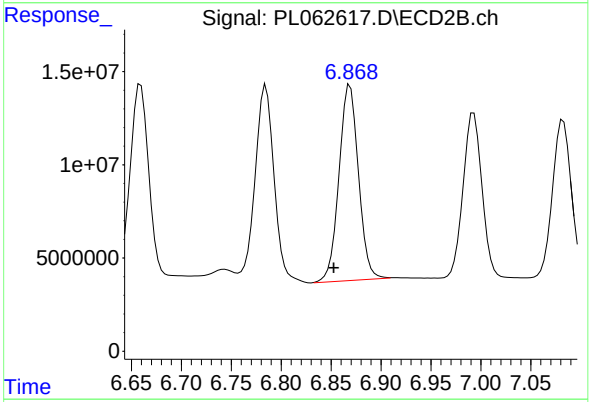


#15 Endosulfan II

R.T.: 6.205 min
Delta R.T.: 0.000 min
Response: 80027287
Conc: 48.54 ng/ml

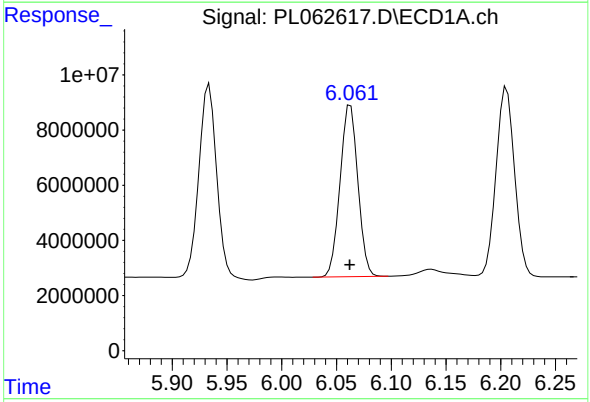
Instrument :
ECD_L
ClientSampleId :
CS-41MSD

Manual Integrations APPROVED
Ankita
10/28/2020 3:44:45 PM



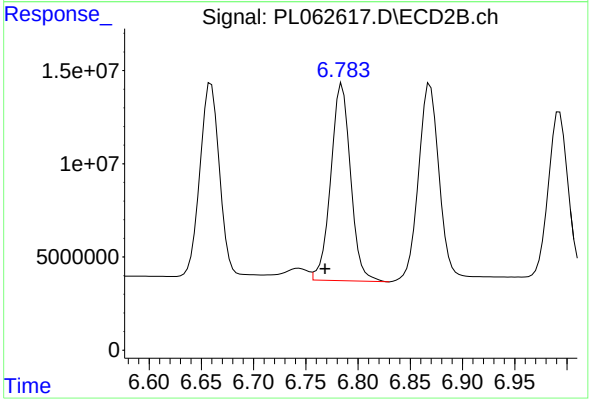
#15 Endosulfan II

R.T.: 6.867 min
Delta R.T.: 0.015 min
Response: 142509705
Conc: 49.85 ng/ml m



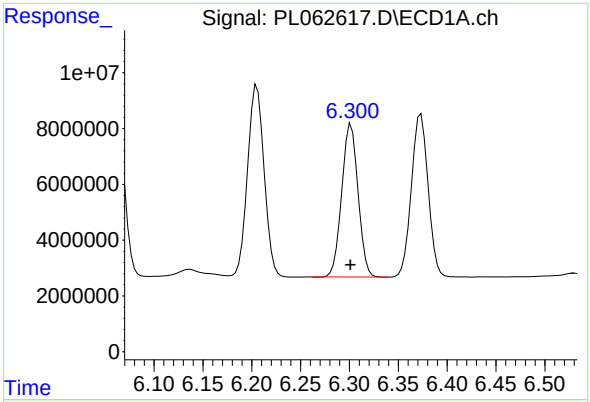
#16 4,4'-DDD

R.T.: 6.063 min
Delta R.T.: 0.000 min
Response: 70468022
Conc: 49.82 ng/ml



#16 4,4'-DDD

R.T.: 6.785 min
Delta R.T.: 0.016 min
Response: 139575551
Conc: 54.52 ng/ml

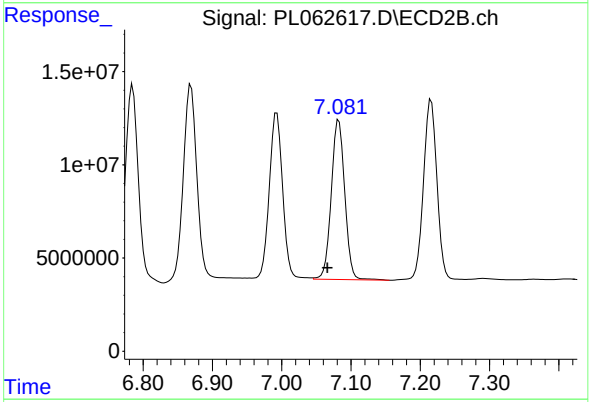


#17 4,4'-DDT

R.T.: 6.302 min
Delta R.T.: 0.000 min
Response: 63932828
Conc: 47.91 ng/ml

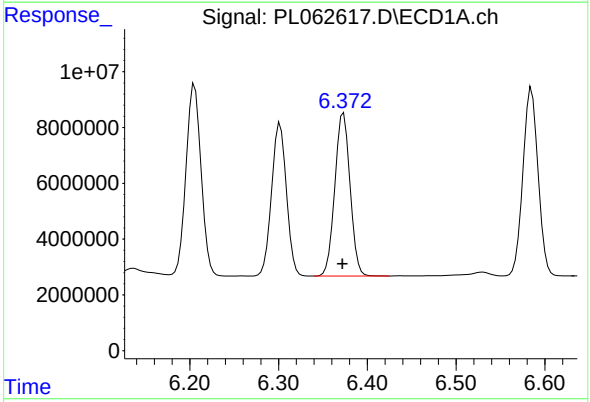
Instrument :
ECD_L
ClientSampleId :
CS-41MSD

Manual Integrations APPROVED
Ankita
10/28/2020 3:44:45 PM



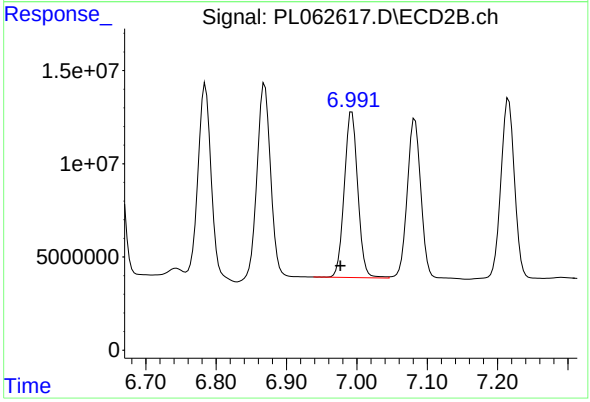
#17 4,4'-DDT

R.T.: 7.082 min
Delta R.T.: 0.016 min
Response: 115881356
Conc: 51.61 ng/ml



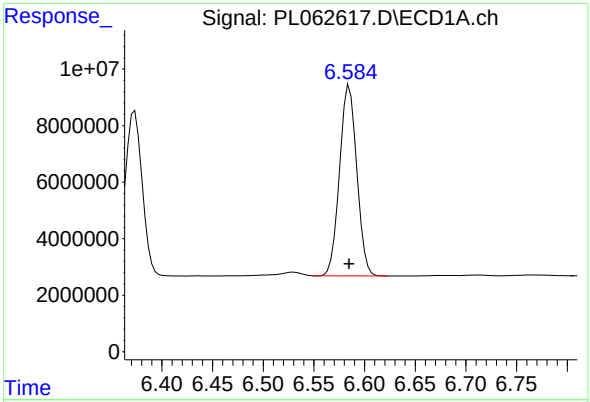
#18 Endrin aldehyde

R.T.: 6.373 min
Delta R.T.: 0.001 min
Response: 69761439
Conc: 48.04 ng/ml



#18 Endrin aldehyde

R.T.: 6.993 min
Delta R.T.: 0.016 min
Response: 118775096
Conc: 52.08 ng/ml

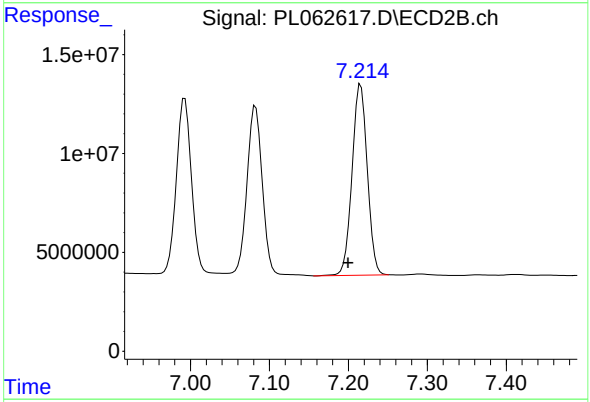


#19 Endosulfan Sulfate

R.T.: 6.585 min
Delta R.T.: 0.000 min
Response: 79724863
Conc: 48.31 ng/ml

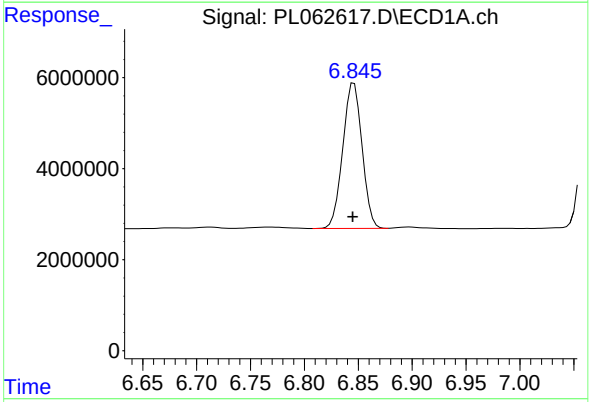
Instrument :
ECD_L
ClientSampleId :
CS-41MSD

Manual Integrations APPROVED
Ankita
10/28/2020 3:44:45 PM



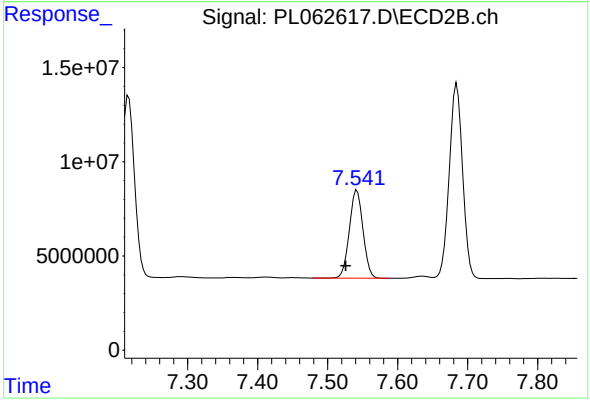
#19 Endosulfan Sulfate

R.T.: 7.216 min
Delta R.T.: 0.016 min
Response: 129468432
Conc: 53.96 ng/ml



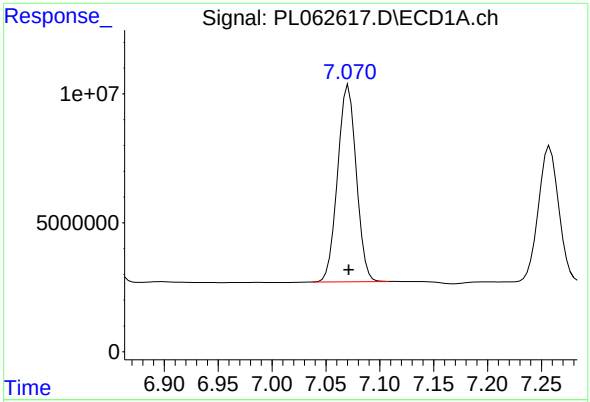
#20 Methoxychlor

R.T.: 6.846 min
Delta R.T.: 0.001 min
Response: 39790654
Conc: 46.20 ng/ml



#20 Methoxychlor

R.T.: 7.542 min
Delta R.T.: 0.016 min
Response: 63265766
Conc: 51.21 ng/ml

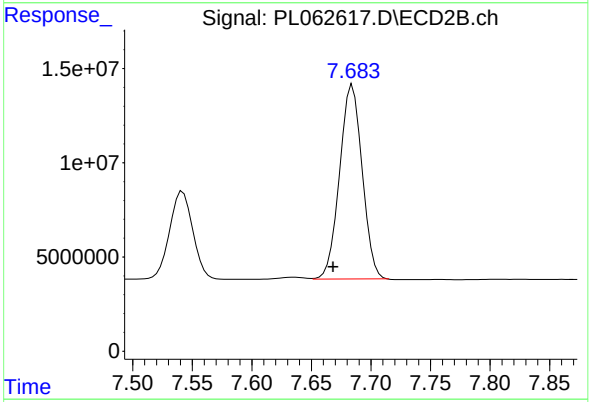


#21 Endrin ketone

R.T.: 7.070 min
Delta R.T.: -0.002 min
Response: 92273253
Conc: 51.18 ng/ml m

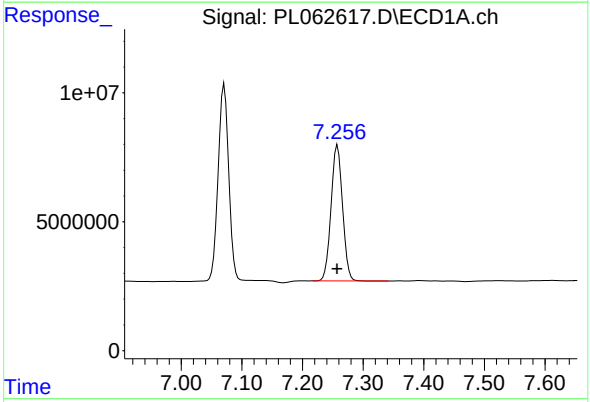
Instrument :
ECD_L
ClientSampleId :
CS-41MSD

Manual Integrations APPROVED
Ankita
10/28/2020 3:44:45 PM



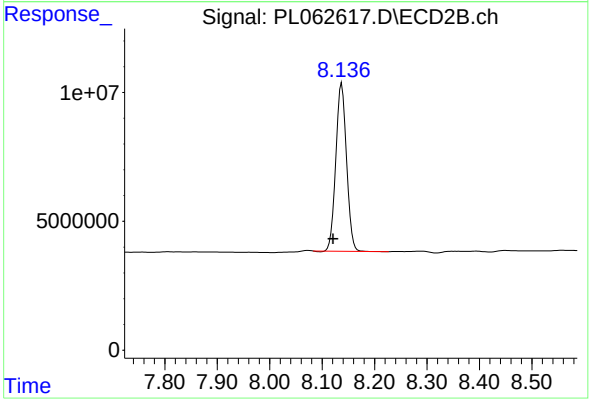
#21 Endrin ketone

R.T.: 7.685 min
Delta R.T.: 0.016 min
Response: 136013878
Conc: 57.39 ng/ml



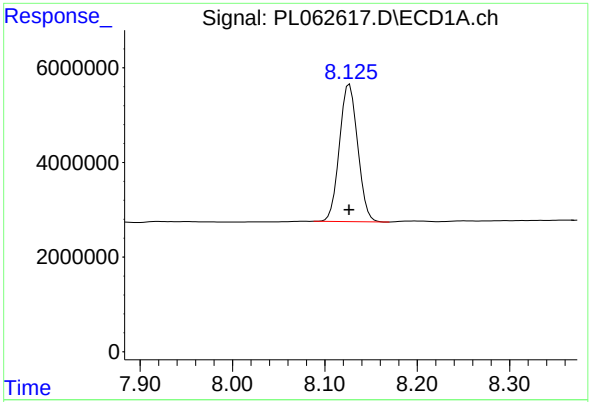
#22 Mirex

R.T.: 7.258 min
Delta R.T.: 0.000 min
Response: 69284151
Conc: 48.87 ng/ml



#22 Mirex

R.T.: 8.137 min
Delta R.T.: 0.016 min
Response: 92985180
Conc: 54.57 ng/ml

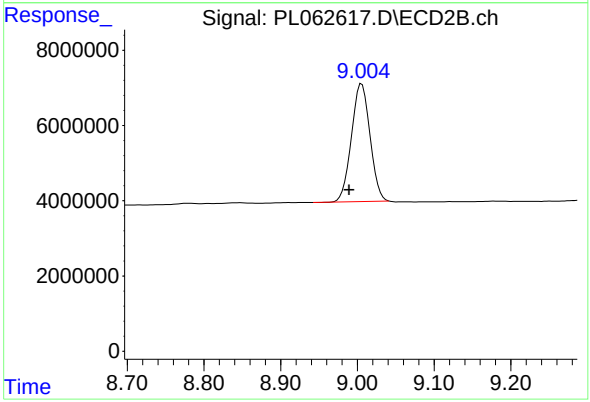


#28 Decachlorobiphenyl

R.T.: 8.127 min
Delta R.T.: 0.000 min
Response: 39862408
Conc: 24.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
CS-41MSD

Manual Integrations APPROVED
Ankita
10/28/2020 3:44:45 PM



#28 Decachlorobiphenyl

R.T.: 9.006 min
Delta R.T.: 0.017 min
Response: 52962526
Conc: 25.31 ng/ml