

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111219\
 Data File : PL054206.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Nov 2019 16:50
 Operator : SG\AJ
 Sample : K5789-03MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TP-17-SMSD

Manual Integrations
 APPROVED

Ankita
 11/13/2019 10:45:29 AM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 13 00:33:00 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL101919.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 18 13:56:08 2019
 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...	3.540	4.043	239.2E6	59659440	22.068	23.841
28)	SA Decachlor...	8.324	9.124	185.3E6	53773752	18.883	19.096
Target Compounds							
2)	A alpha-BHC	3.984	4.435	1009.7E6	212.0E6	57.909	61.325
3)	MA gamma-BHC...	4.270	4.721	910.9E6	198.3E6	58.491	61.563
4)	MA Heptachlor	4.576	5.230	908.5E6	181.1E6	57.563	56.213
5)	MB Aldrin	4.828	5.535	828.3E6	168.4E6	57.942	56.464
6)	B beta-BHC	4.521	4.891	370.0E6	89032021	56.144	57.640
7)	B delta-BHC	4.729	5.109	765.6E6	146.1E6	50.301	48.360
8)	B Heptachlor...	5.273	5.922	755.8E6	143.9E6	55.986	49.329
9)	A Endosulfan I	5.615	6.279	663.6E6	142.4E6	53.988	52.508
10)	B gamma-Chl...	5.502	6.155	736.9E6	154.5E6	54.008	52.956m
11)	B alpha-Chl...	5.560	6.229	706.3E6	151.3E6	53.088	51.844
12)	B 4,4'-DDE	5.723	6.385	673.1E6	148.5E6	56.647	52.732
13)	MA Dieldrin	5.859	6.536	704.1E6	150.1E6	54.026	52.600
14)	MA Endrin	6.118	6.755	632.4E6	130.0E6	54.559	53.546
15)	B Endosulfa...	6.392	6.964	578.2E6	132.5E6	51.715	51.877
16)	A 4,4'-DDD	6.241	6.876	487.5E6	115.3E6	54.775	55.313
17)	MA 4,4'-DDT	6.483	7.175	525.5E6	120.1E6	53.050	51.953
18)	B Endrin al...	6.560	7.088	457.4E6	113.3E6	49.883	51.570
19)	B Endosulfa...	6.773	7.311	504.8E6	121.7E6	49.625	49.586
20)	A Methoxychlor	7.028	7.632	258.3E6	65818294	52.394	50.672
21)	B Endrin ke...	7.267	7.782	542.7E6	134.7E6	50.414	52.244
22)	Mirex	7.460	8.237	453.3E6	105.9E6	53.002	52.331

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111219\
Data File : PL054206.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 Nov 2019 16:50
Operator : SG\AJ
Sample : K5789-03MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

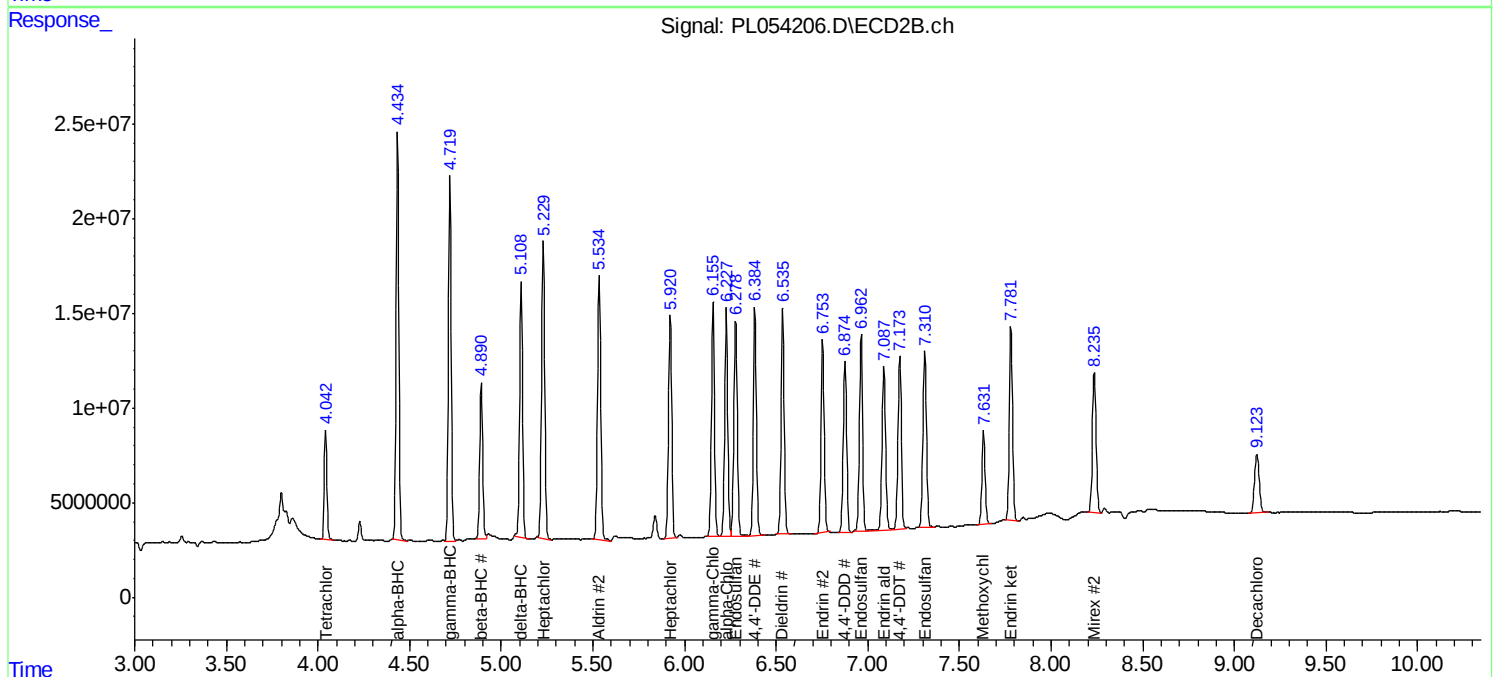
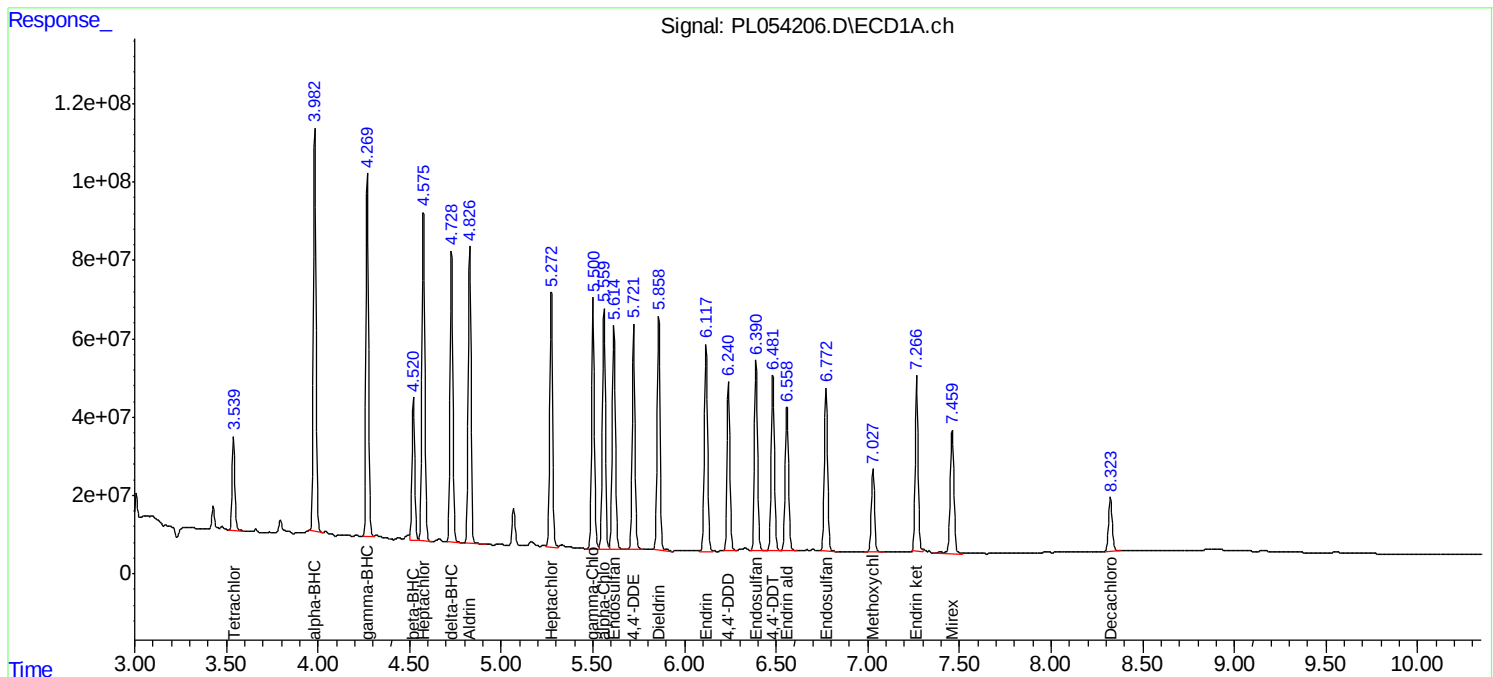
Instrument :
ECD_L
ClientSampled :
TP-17-SMSD

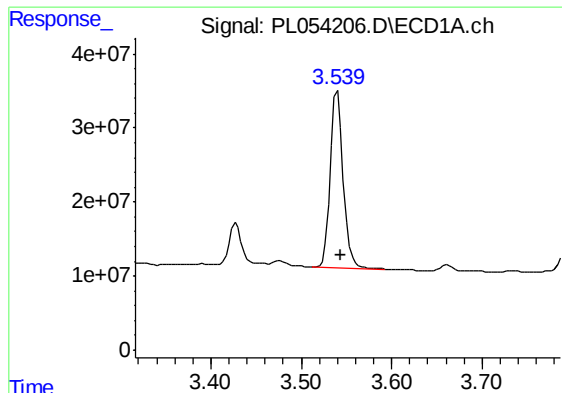
Manual Integrations
APPROVED

Ankita
11/13/2019 10:45:29 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 13 00:33:00 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL101919.M
Quant Title : GC Extractables
QLast Update : Fri Oct 18 13:56:08 2019
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





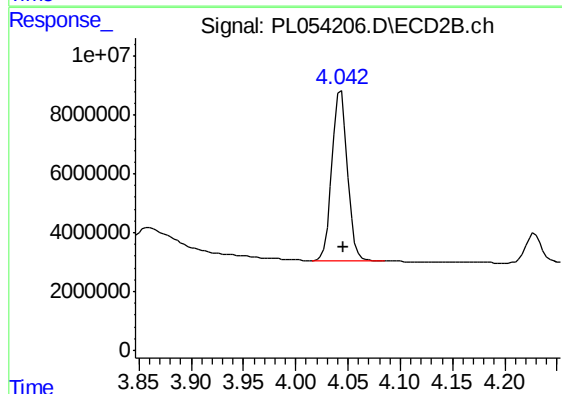
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: -0.004 min
Response: 239204761
Conc: 22.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-17-SMSD

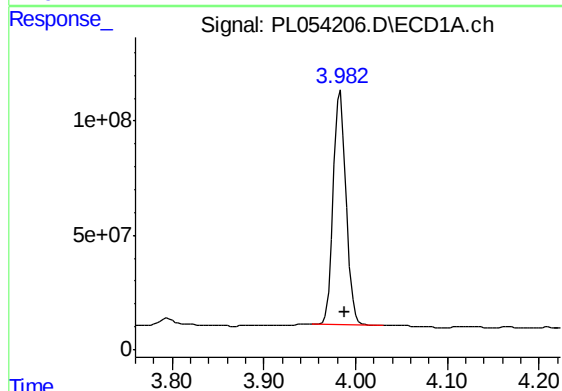
Manual Integrations
APPROVED

Ankita
11/13/2019 10:45:29 AM



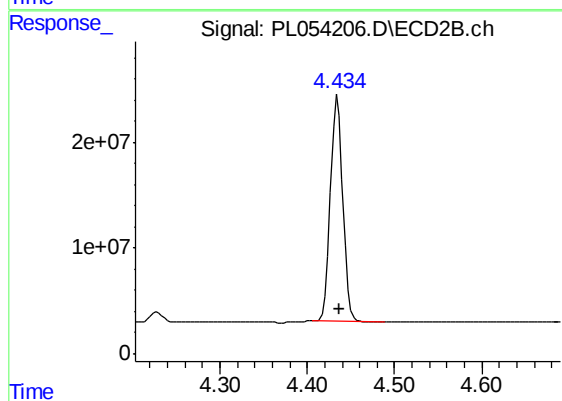
#1 Tetrachloro-m-xylene

R.T.: 4.043 min
Delta R.T.: -0.003 min
Response: 59659440
Conc: 23.84 ng/ml



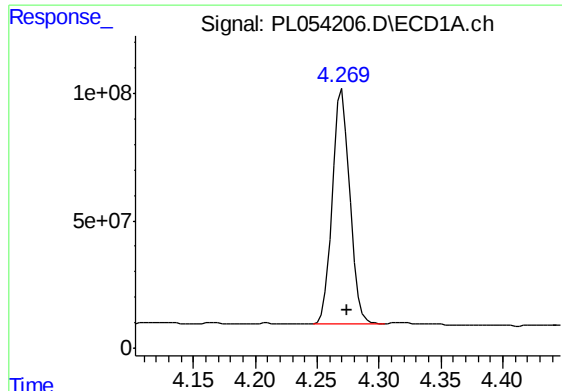
#2 alpha-BHC

R.T.: 3.984 min
Delta R.T.: -0.004 min
Response: 1009738516
Conc: 57.91 ng/ml



#2 alpha-BHC

R.T.: 4.435 min
Delta R.T.: -0.002 min
Response: 212006242
Conc: 61.33 ng/ml



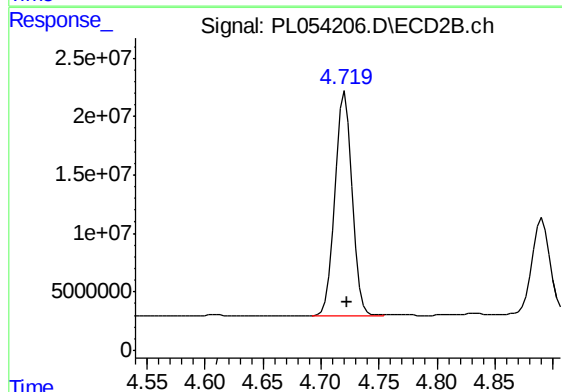
#3 gamma-BHC (Lindane)

R.T.: 4.270 min
Delta R.T.: -0.004 min
Response: 910910350
Conc: 58.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-17-SMSD

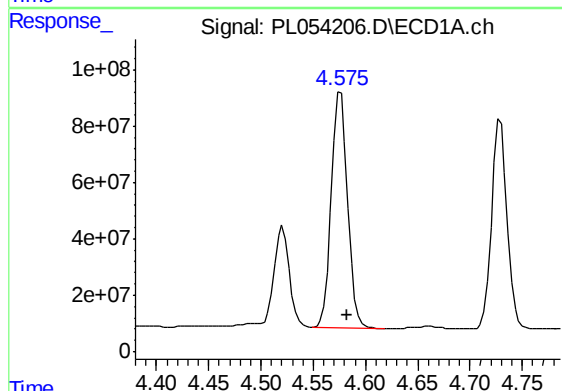
Manual Integrations
APPROVED

Ankita
11/13/2019 10:45:29 AM



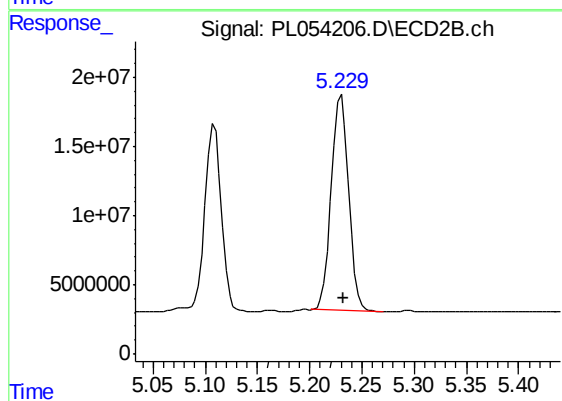
#3 gamma-BHC (Lindane)

R.T.: 4.721 min
Delta R.T.: -0.002 min
Response: 198254843
Conc: 61.56 ng/ml



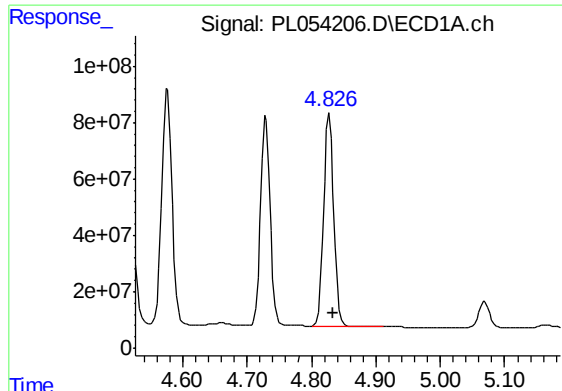
#4 Heptachlor

R.T.: 4.576 min
Delta R.T.: -0.006 min
Response: 908507491
Conc: 57.56 ng/ml



#4 Heptachlor

R.T.: 5.230 min
Delta R.T.: -0.002 min
Response: 181127656
Conc: 56.21 ng/ml



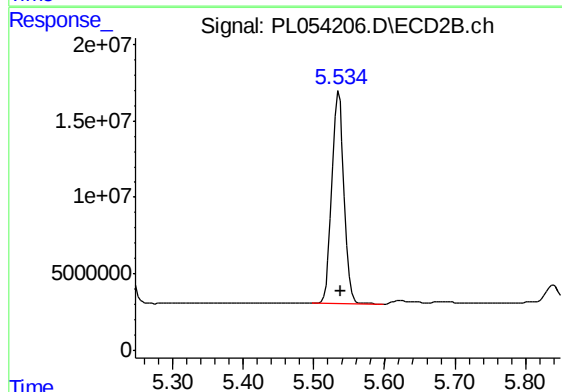
#5 Aldrin

R.T.: 4.828 min
Delta R.T.: -0.007 min
Response: 828317702
Conc: 57.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-17-SMSD

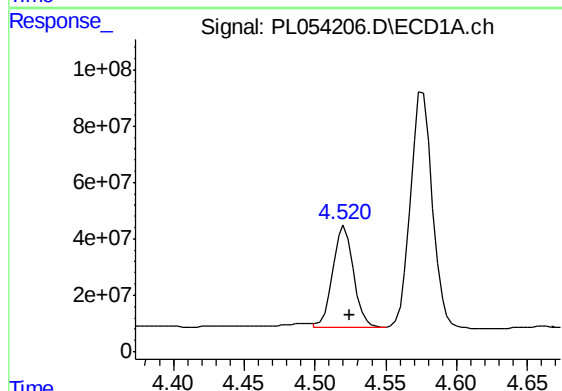
Manual Integrations
APPROVED

Ankita
11/13/2019 10:45:29 AM



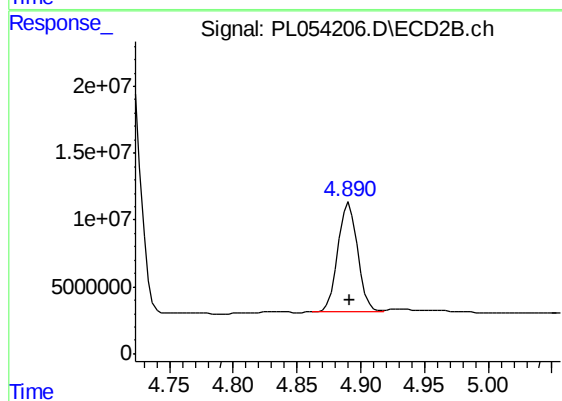
#5 Aldrin

R.T.: 5.535 min
Delta R.T.: -0.002 min
Response: 168350692
Conc: 56.46 ng/ml



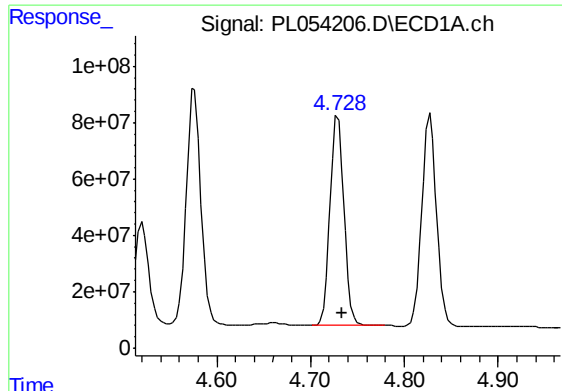
#6 beta-BHC

R.T.: 4.521 min
Delta R.T.: -0.004 min
Response: 369980014
Conc: 56.14 ng/ml



#6 beta-BHC

R.T.: 4.891 min
Delta R.T.: 0.000 min
Response: 89032021
Conc: 57.64 ng/ml



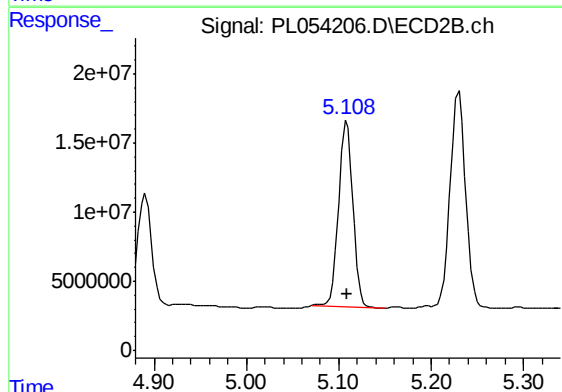
#7 delta-BHC

R.T.: 4.729 min
Delta R.T.: -0.004 min
Response: 765630080
Conc: 50.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-17-SMSD

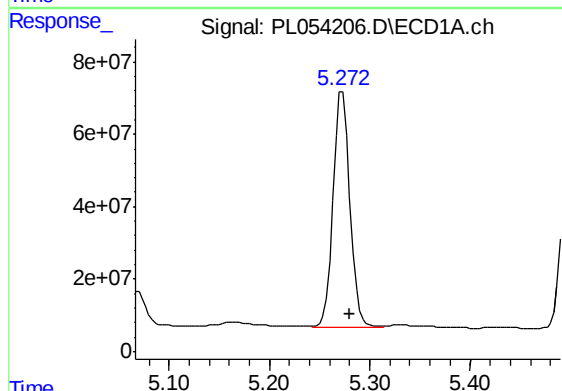
Manual Integrations
APPROVED

Ankita
11/13/2019 10:45:29 AM



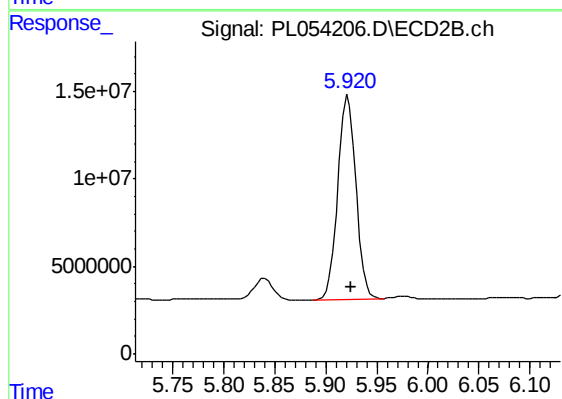
#7 delta-BHC

R.T.: 5.109 min
Delta R.T.: 0.000 min
Response: 146075787
Conc: 48.36 ng/ml



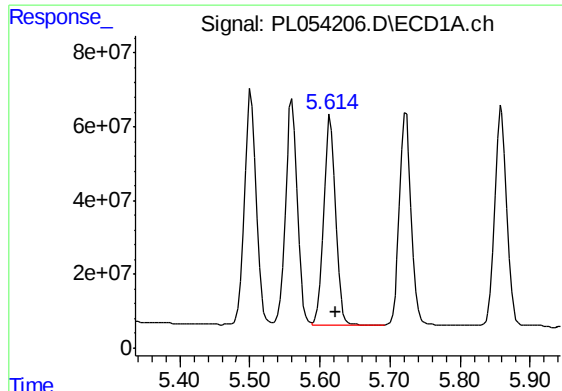
#8 Heptachlor epoxide

R.T.: 5.273 min
Delta R.T.: -0.007 min
Response: 755764888
Conc: 55.99 ng/ml



#8 Heptachlor epoxide

R.T.: 5.922 min
Delta R.T.: -0.003 min
Response: 143862425
Conc: 49.33 ng/ml



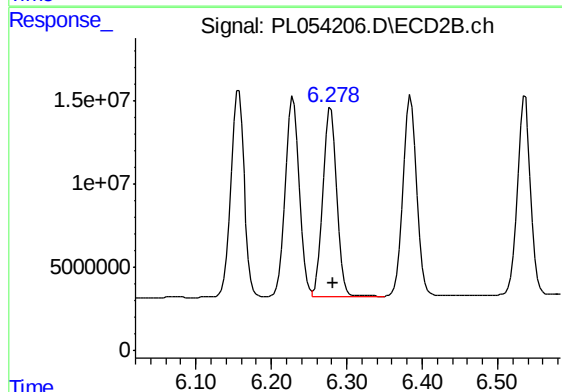
#9 Endosulfan I

R.T.: 5.615 min
Delta R.T.: -0.008 min
Response: 663630235
Conc: 53.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-17-SMSD

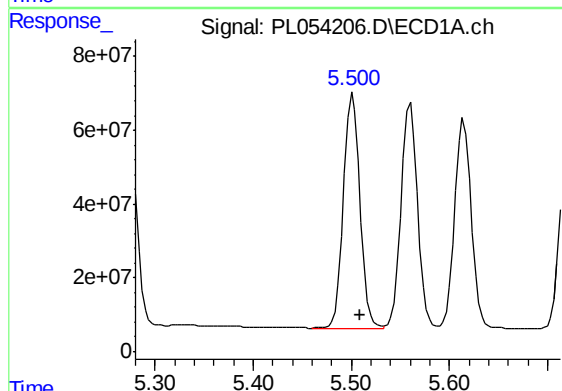
Manual Integrations
APPROVED

Ankita
11/13/2019 10:45:29 AM



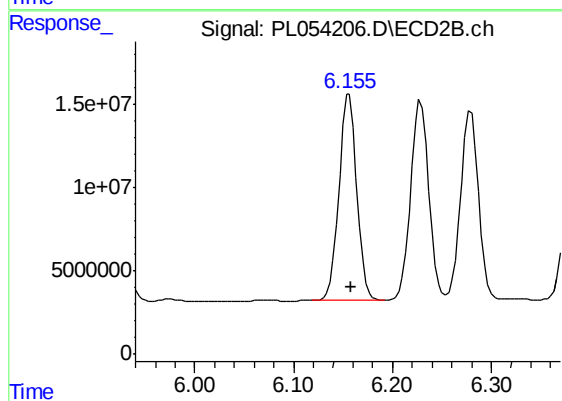
#9 Endosulfan I

R.T.: 6.279 min
Delta R.T.: -0.002 min
Response: 142363030
Conc: 52.51 ng/ml



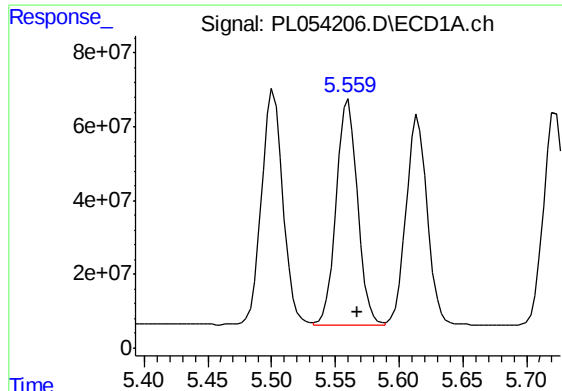
#10 gamma-Chlordane

R.T.: 5.502 min
Delta R.T.: -0.007 min
Response: 736867761
Conc: 54.01 ng/ml



#10 gamma-Chlordane

R.T.: 6.155 min
Delta R.T.: -0.003 min
Response: 154514453
Conc: 52.96 ng/ml m



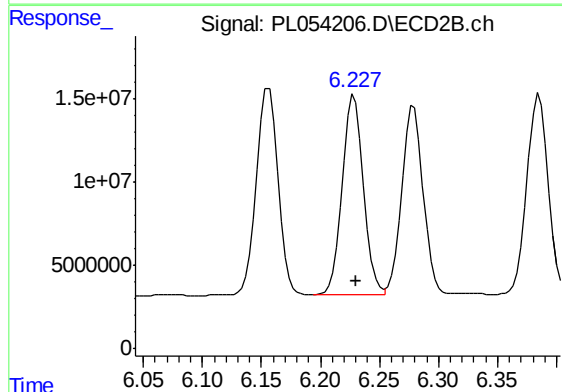
#11 alpha-Chlordane

R.T.: 5.560 min
Delta R.T.: -0.007 min
Response: 706258080
Conc: 53.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-17-SMSD

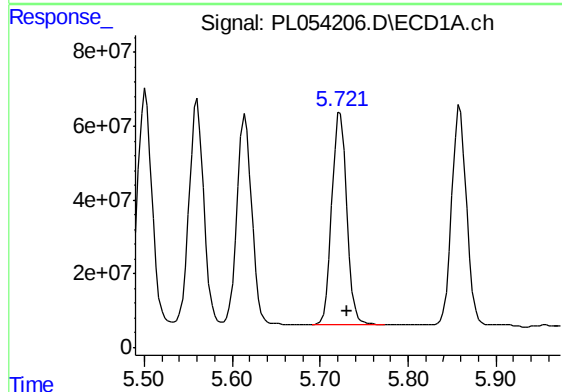
Manual Integrations
APPROVED

Ankita
11/13/2019 10:45:29 AM



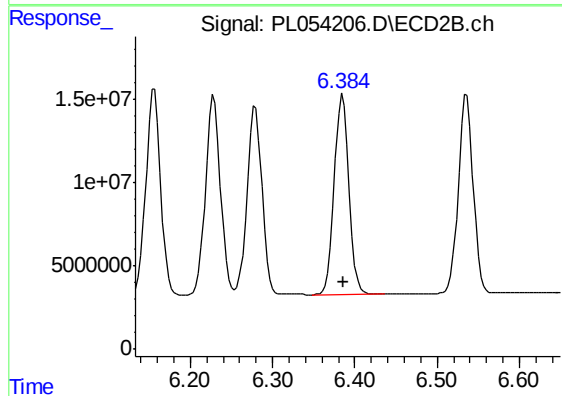
#11 alpha-Chlordane

R.T.: 6.229 min
Delta R.T.: -0.002 min
Response: 151344197
Conc: 51.84 ng/ml



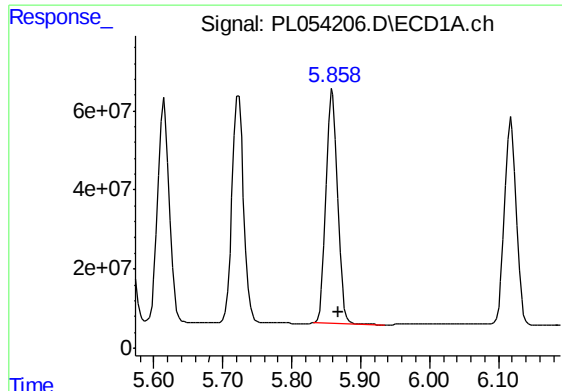
#12 4,4'-DDE

R.T.: 5.723 min
Delta R.T.: -0.008 min
Response: 673091909
Conc: 56.65 ng/ml



#12 4,4'-DDE

R.T.: 6.385 min
Delta R.T.: -0.002 min
Response: 148512738
Conc: 52.73 ng/ml



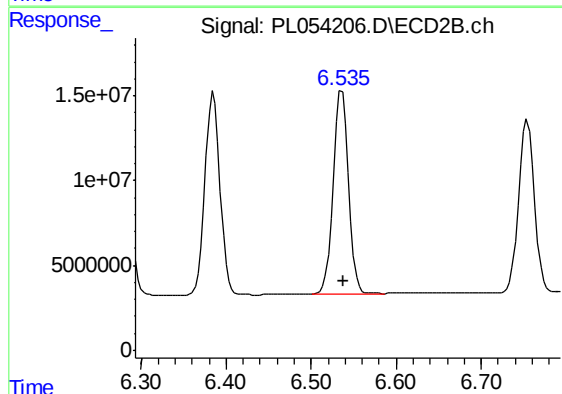
#13 Dieldrin

R.T.: 5.859 min
Delta R.T.: -0.008 min
Response: 704146524
Conc: 54.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-17-SMSD

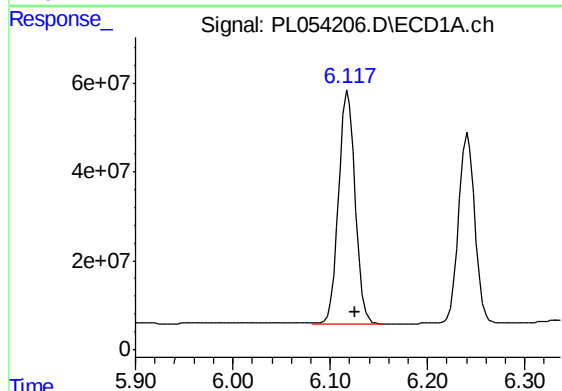
Manual Integrations
APPROVED

Ankita
11/13/2019 10:45:29 AM



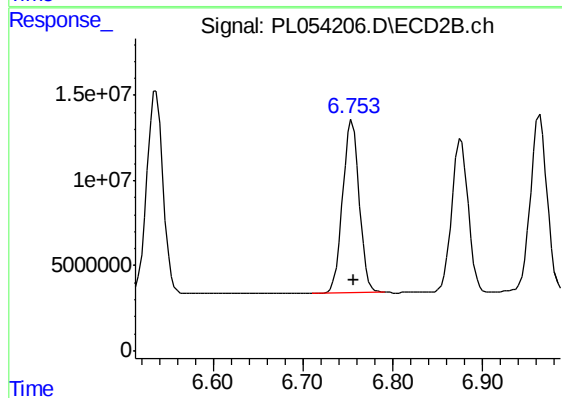
#13 Dieldrin

R.T.: 6.536 min
Delta R.T.: -0.002 min
Response: 150101820
Conc: 52.60 ng/ml



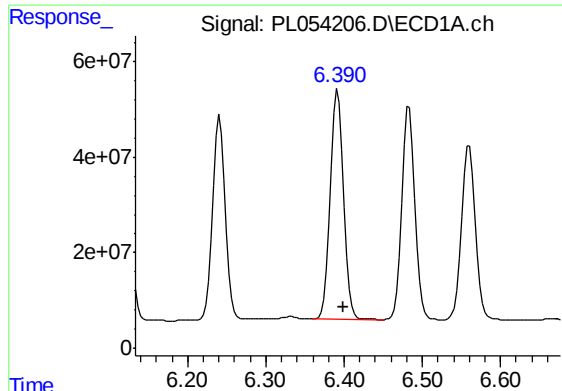
#14 Endrin

R.T.: 6.118 min
Delta R.T.: -0.008 min
Response: 632409295
Conc: 54.56 ng/ml



#14 Endrin

R.T.: 6.755 min
Delta R.T.: -0.001 min
Response: 129967698
Conc: 53.55 ng/ml



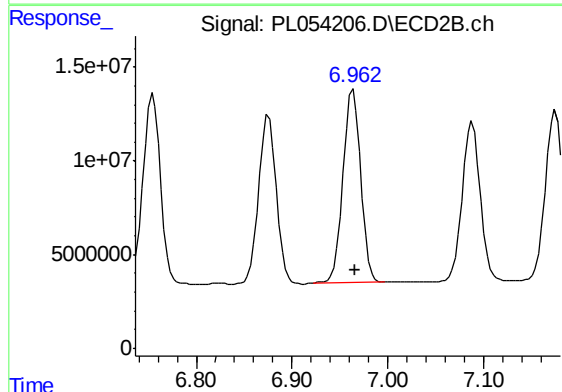
#15 Endosulfan II

R.T.: 6.392 min
Delta R.T.: -0.007 min
Response: 578189626
Conc: 51.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-17-SMSD

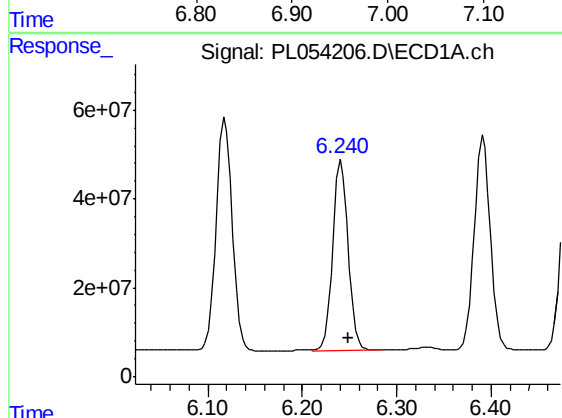
Manual Integrations
APPROVED

Ankita
11/13/2019 10:45:29 AM



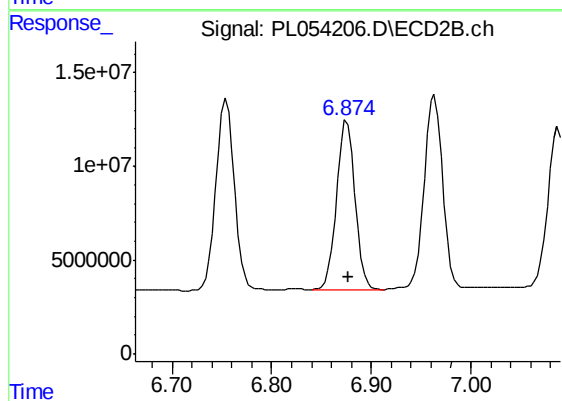
#15 Endosulfan II

R.T.: 6.964 min
Delta R.T.: -0.001 min
Response: 132520294
Conc: 51.88 ng/ml



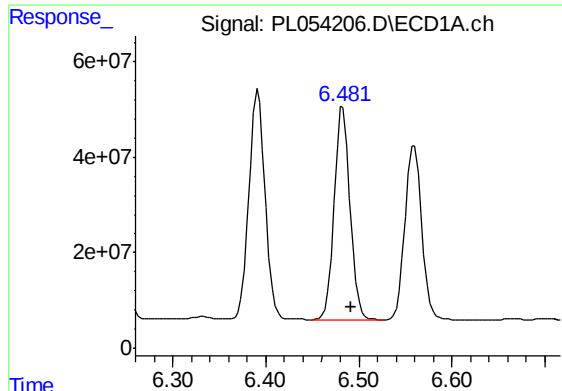
#16 4,4'-DDD

R.T.: 6.241 min
Delta R.T.: -0.007 min
Response: 487493556
Conc: 54.78 ng/ml



#16 4,4'-DDD

R.T.: 6.876 min
Delta R.T.: 0.000 min
Response: 115269402
Conc: 55.31 ng/ml



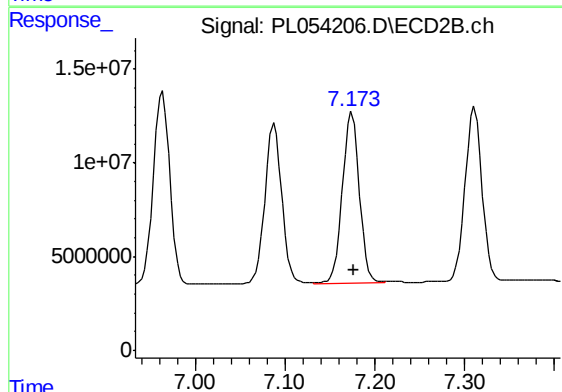
#17 4,4'-DDT

R.T.: 6.483 min
Delta R.T.: -0.008 min
Response: 525529879
Conc: 53.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-17-SMSD

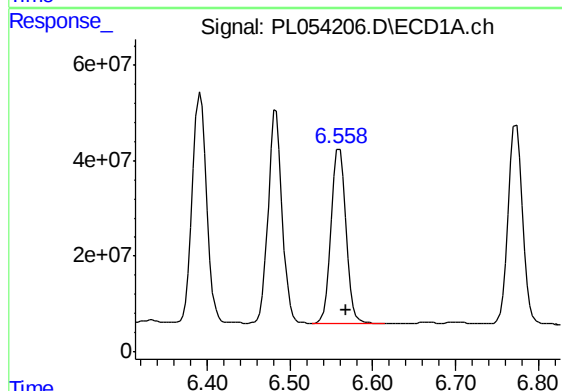
Manual Integrations
APPROVED

Ankita
11/13/2019 10:45:29 AM



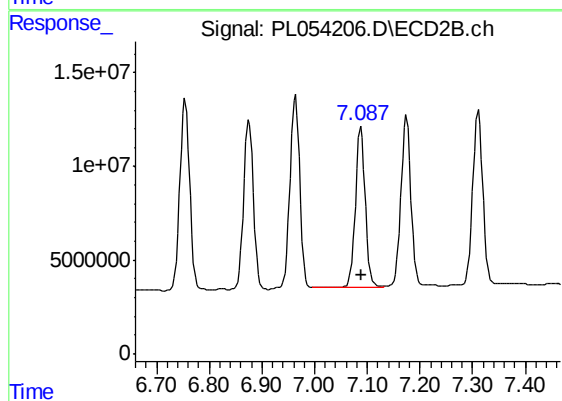
#17 4,4'-DDT

R.T.: 7.175 min
Delta R.T.: -0.001 min
Response: 120141677
Conc: 51.95 ng/ml



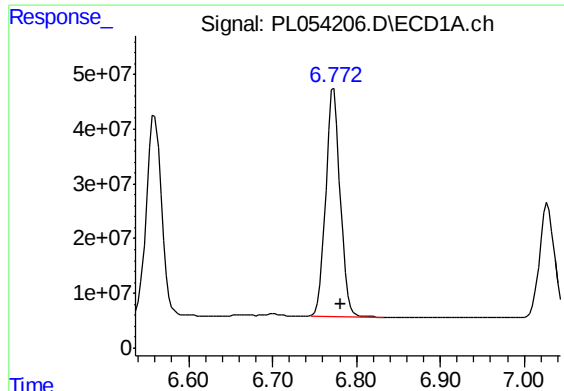
#18 Endrin aldehyde

R.T.: 6.560 min
Delta R.T.: -0.007 min
Response: 457392717
Conc: 49.88 ng/ml



#18 Endrin aldehyde

R.T.: 7.088 min
Delta R.T.: -0.001 min
Response: 113287339
Conc: 51.57 ng/ml



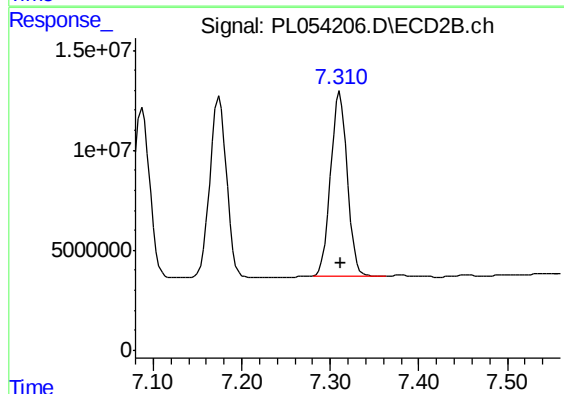
#19 Endosulfan Sulfate

R.T.: 6.773 min
Delta R.T.: -0.008 min
Response: 504764353
Conc: 49.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-17-SMSD

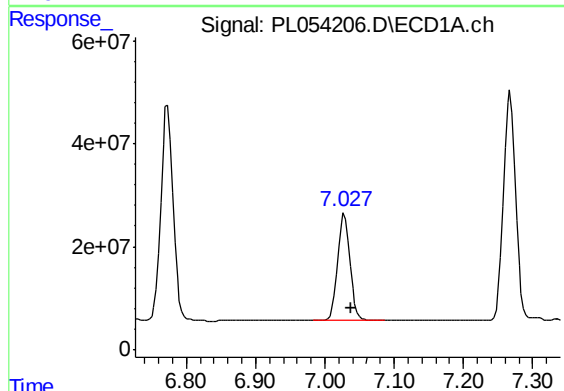
Manual Integrations
APPROVED

Ankita
11/13/2019 10:45:29 AM



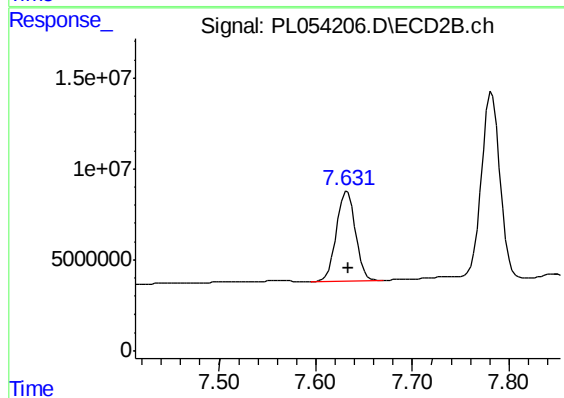
#19 Endosulfan Sulfate

R.T.: 7.311 min
Delta R.T.: 0.000 min
Response: 121663549
Conc: 49.59 ng/ml



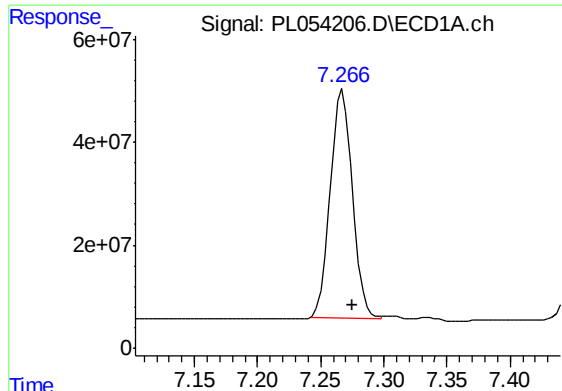
#20 Methoxychlor

R.T.: 7.028 min
Delta R.T.: -0.009 min
Response: 258318776
Conc: 52.39 ng/ml



#20 Methoxychlor

R.T.: 7.632 min
Delta R.T.: -0.001 min
Response: 65818294
Conc: 50.67 ng/ml



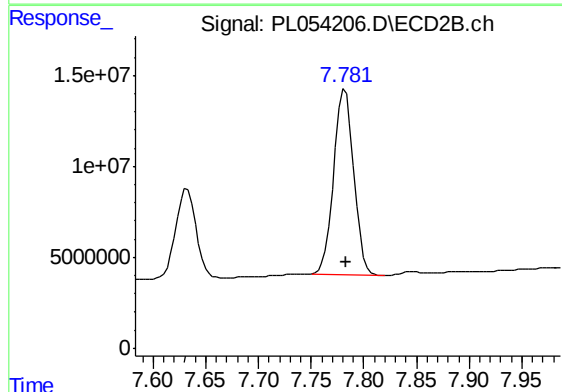
#21 Endrin ketone

R.T.: 7.267 min
Delta R.T.: -0.008 min
Response: 542713087
Conc: 50.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-17-SMSD

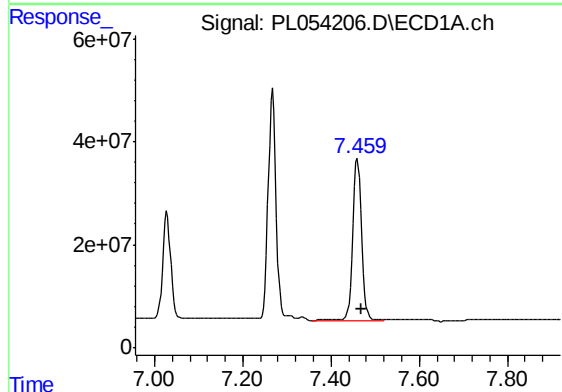
Manual Integrations
APPROVED

Ankita
11/13/2019 10:45:29 AM



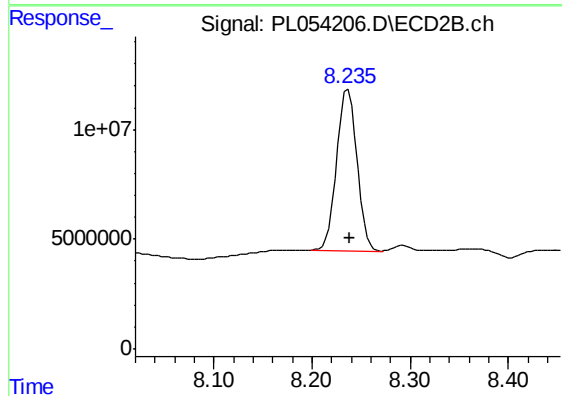
#21 Endrin ketone

R.T.: 7.782 min
Delta R.T.: 0.000 min
Response: 134710117
Conc: 52.24 ng/ml



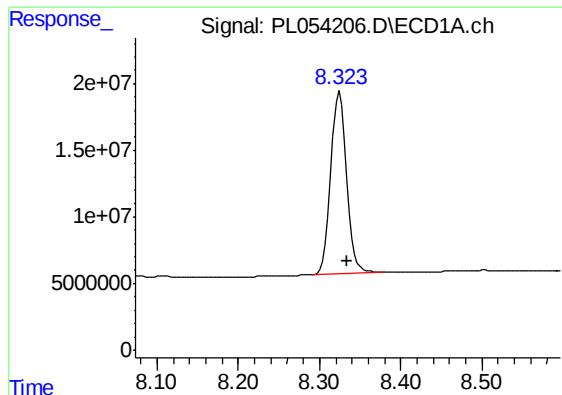
#22 Mirex

R.T.: 7.460 min
Delta R.T.: -0.009 min
Response: 453322934
Conc: 53.00 ng/ml



#22 Mirex

R.T.: 8.237 min
Delta R.T.: -0.002 min
Response: 105869777
Conc: 52.33 ng/ml



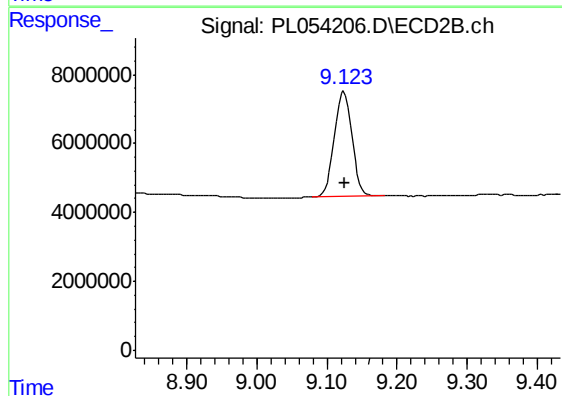
#28 Decachlorobiphenyl

R.T.: 8.324 min
Delta R.T.: -0.010 min
Response: 185269457
Conc: 18.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-17-SMSD

Manual Integrations
APPROVED

Ankita
11/13/2019 10:45:29 AM



#28 Decachlorobiphenyl

R.T.: 9.124 min
Delta R.T.: -0.002 min
Response: 53773752
Conc: 19.10 ng/ml