

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022819\
 Data File : PL045288.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Mar 2019 02:30
 Operator : AJ\SJ
 Sample : K1340-02MS
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 BU-03-022719MS

Manual Integrations
 APPROVED

Sohil
 3/1/2019 12:19:56 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 01 05:25:16 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022719.M
 Quant Title : GC Extractables
 QLast Update : Wed Feb 27 17:00:03 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...	3.364	3.982	150.3E6	46527536	21.842	21.726
28)	SA Decachlor...	8.048	9.039	117.2E6	35277271	14.012	15.439
Target Compounds							
2)	A alpha-BHC	3.794	4.372	583.9E6	160.1E6	52.572	52.687
3)	MA gamma-BHC...	4.072	4.655	535.1E6	150.1E6	52.945	53.150m
4)	MA Heptachlor	4.360	5.164	544.1E6	149.4E6	51.559	50.221
5)	MB Aldrin	4.600	5.469	504.2E6	134.5E6	51.834	49.783
6)	B beta-BHC	4.324	4.829	216.5E6	66035881	50.514	51.999
7)	B delta-BHC	4.520	5.043	513.6E6	123.3E6	53.732	57.339m
8)	B Heptachlo...	5.038	5.855	470.2E6	125.0E6	50.381	52.046
9)	A Endosulfan I	5.370	6.211	440.7E6	121.3E6	49.301	48.694
10)	B gamma-Chl...	5.261	6.089	477.5E6	131.7E6	48.784	49.090
11)	B alpha-Chl...	5.317	6.161	467.0E6	130.3E6	48.158	48.311
12)	B 4,4'-DDE	5.485	6.319	437.5E6	113.9E6	49.834	48.752
13)	MA Dieldrin	5.610	6.468	480.4E6	125.1E6	50.264	48.669
14)	MA Endrin	5.863	6.686	405.7E6	101.1E6	45.051	44.425
15)	B Endosulfa...	6.137	6.895	413.3E6	111.6E6	47.680	47.451
16)	A 4,4'-DDD	5.996	6.809	360.1E6	95914224	49.178	49.875
17)	MA 4,4'-DDT	6.231	7.107	336.1E6	90155749	44.814	45.684
18)	B Endrin al...	6.305	7.019	345.8E6	95438691	47.302	46.687
19)	B Endosulfa...	6.516	7.242	392.0E6	107.0E6	48.222	47.571
20)	A Methoxychlor	6.777	7.565	182.9E6	53260299	41.654	43.392
21)	B Endrin ke...	7.000	7.711	441.5E6	113.8E6	47.919	47.867
22)	Mirex	7.177	8.164	306.6E6	88618185	41.215	44.494

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022819\
Data File : PL045288.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Mar 2019 02:30
Operator : AJ\SJ
Sample : K1340-02MS
Misc :
ALS Vial : 47 Sample Multiplier: 1

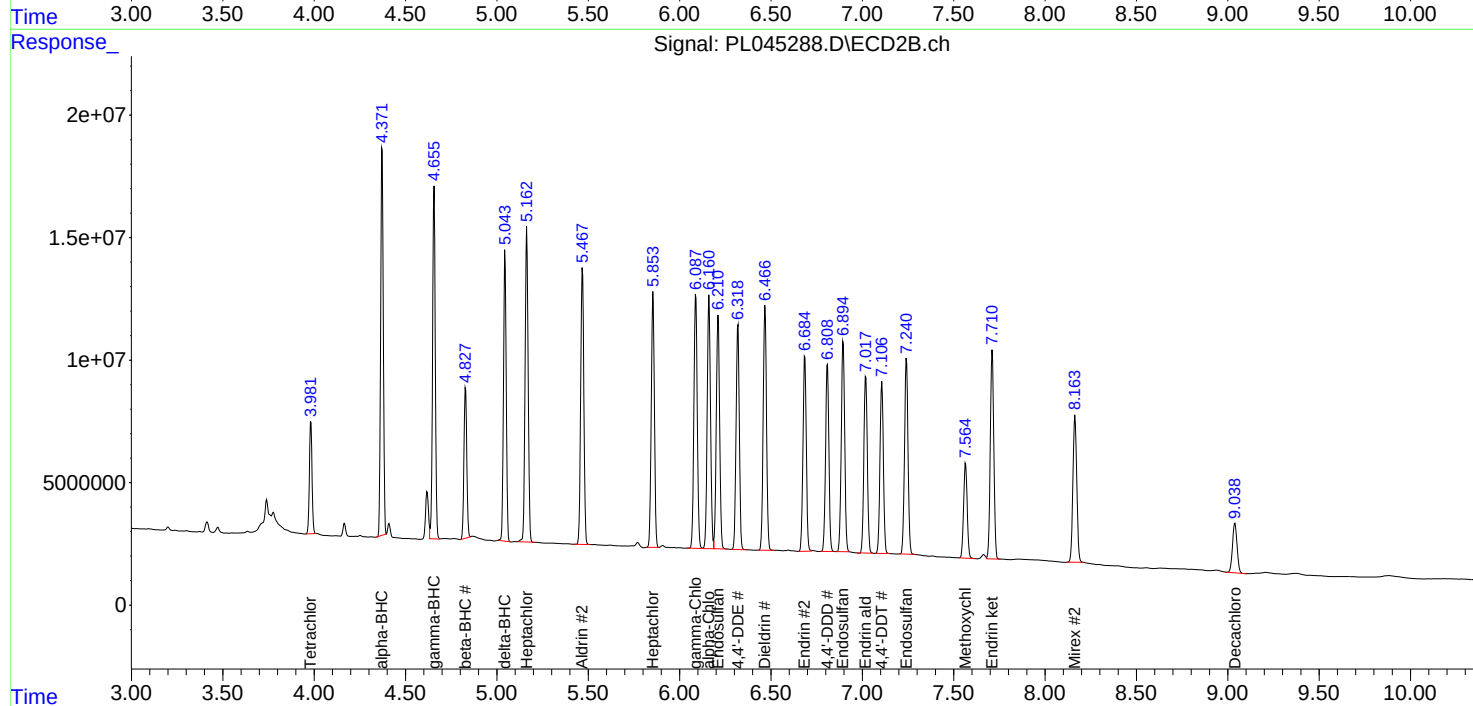
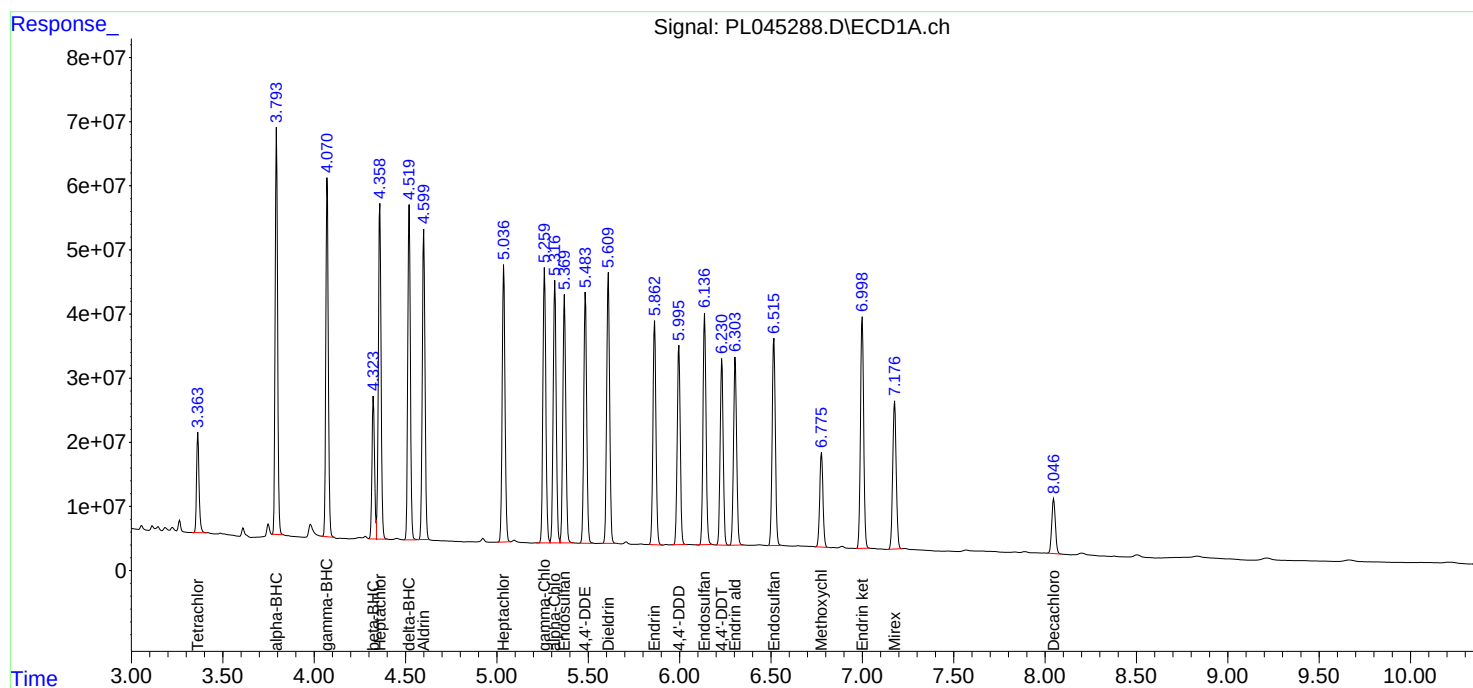
Instrument :
ECD_L
ClientSampleId :
BU-03-022719MS

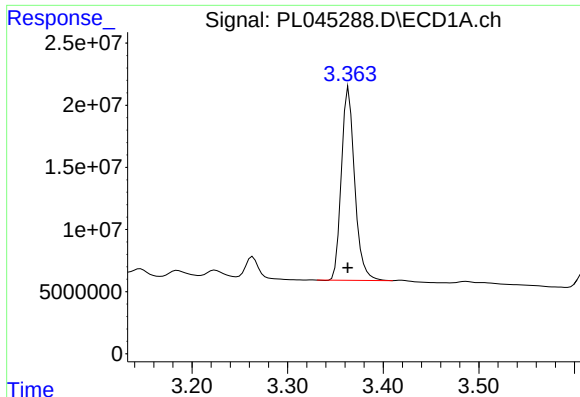
Manual Integrations
APPROVED

Sohil
3/1/2019 12:19:56 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 01 05:25:16 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022719.M
Quant Title : GC Extractables
QLast Update : Wed Feb 27 17:00:03 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





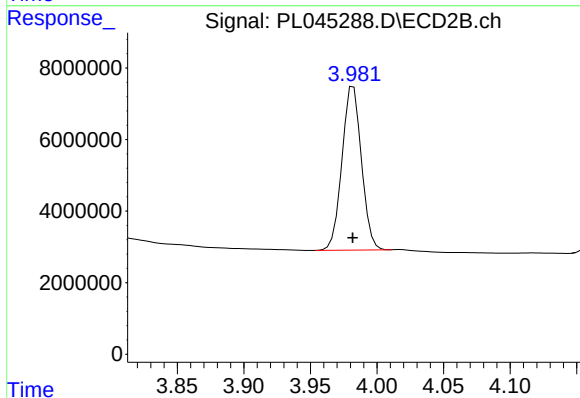
#1 Tetrachloro-m-xylene

R.T.: 3.364 min
Delta R.T.: 0.000 min
Response: 150255160
Conc: 21.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-03-022719MS

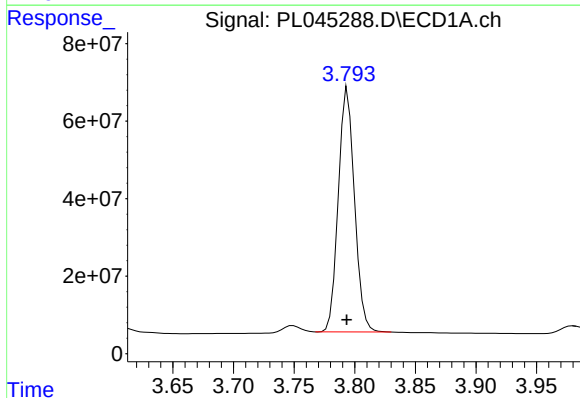
Manual Integrations
APPROVED

Sohil
3/1/2019 12:19:56 PM



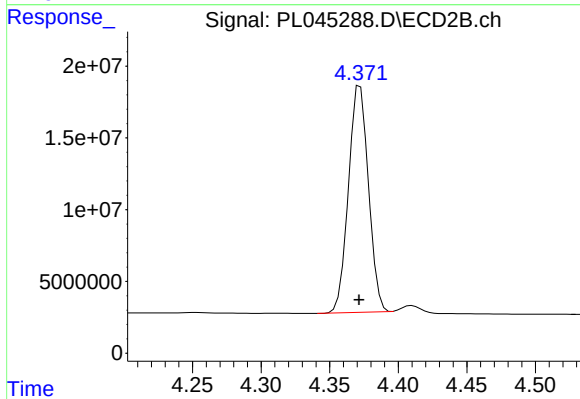
#1 Tetrachloro-m-xylene

R.T.: 3.982 min
Delta R.T.: 0.000 min
Response: 46527536
Conc: 21.73 ng/ml



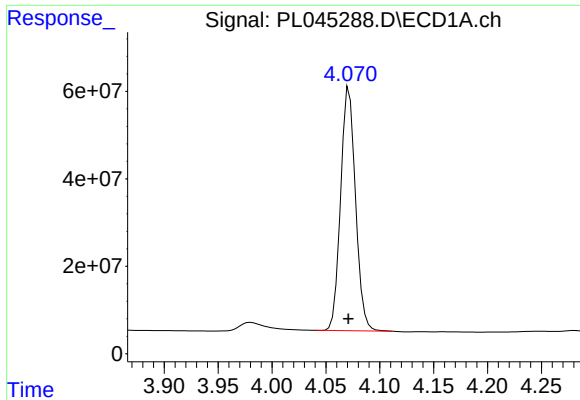
#2 alpha-BHC

R.T.: 3.794 min
Delta R.T.: 0.000 min
Response: 583930674
Conc: 52.57 ng/ml



#2 alpha-BHC

R.T.: 4.372 min
Delta R.T.: 0.000 min
Response: 160097424
Conc: 52.69 ng/ml



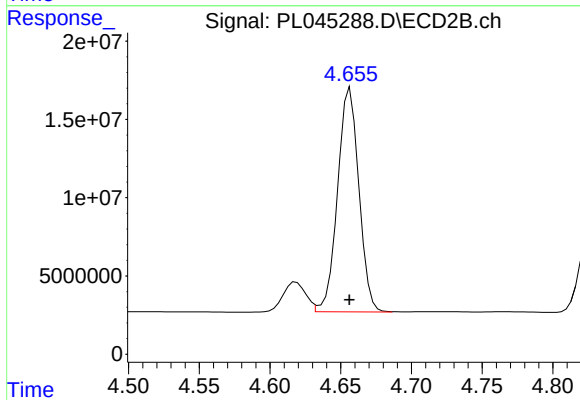
#3 gamma-BHC (Lindane)

R.T.: 4.072 min
Delta R.T.: 0.000 min
Response: 535123578
Conc: 52.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-03-022719MS

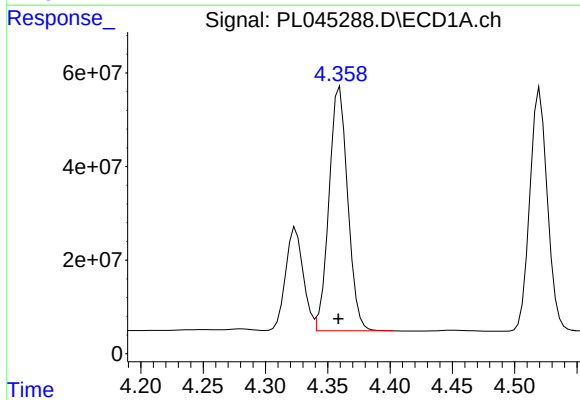
Manual Integrations
APPROVED

Sohil
3/1/2019 12:19:56 PM



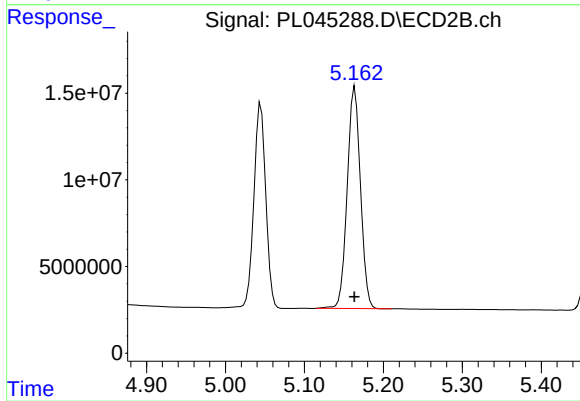
#3 gamma-BHC (Lindane)

R.T.: 4.655 min
Delta R.T.: 0.000 min
Response: 150128407
Conc: 53.15 ng/ml m



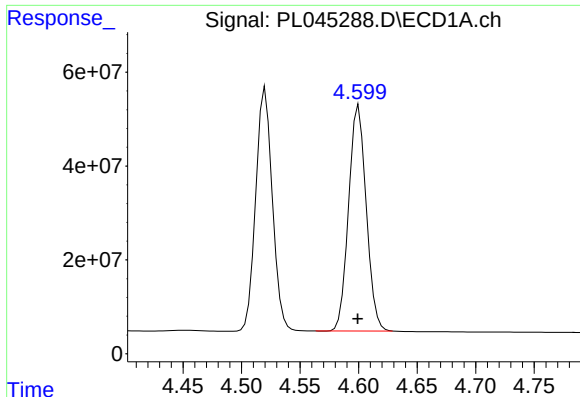
#4 Heptachlor

R.T.: 4.360 min
Delta R.T.: 0.001 min
Response: 544063227
Conc: 51.56 ng/ml



#4 Heptachlor

R.T.: 5.164 min
Delta R.T.: 0.000 min
Response: 149404667
Conc: 50.22 ng/ml



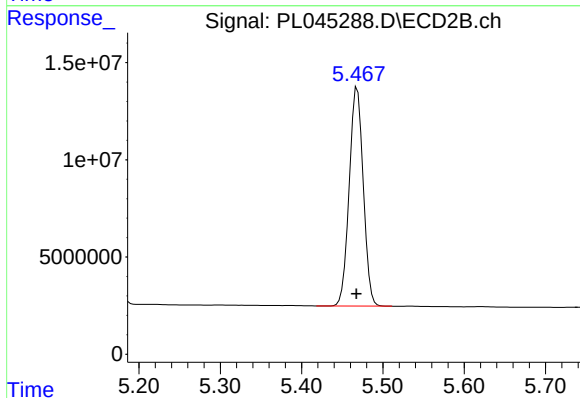
#5 Aldrin

R.T.: 4.600 min
Delta R.T.: 0.000 min
Response: 504156839
Conc: 51.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-03-022719MS

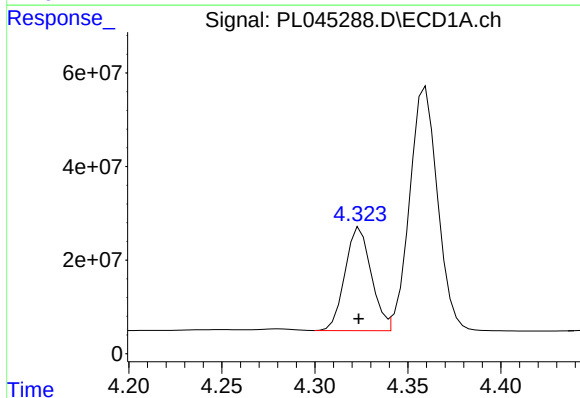
Manual Integrations
APPROVED

Sohil
3/1/2019 12:19:56 PM



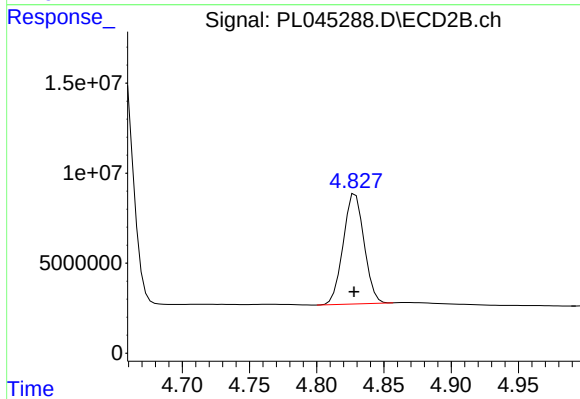
#5 Aldrin

R.T.: 5.469 min
Delta R.T.: 0.001 min
Response: 134460602
Conc: 49.78 ng/ml



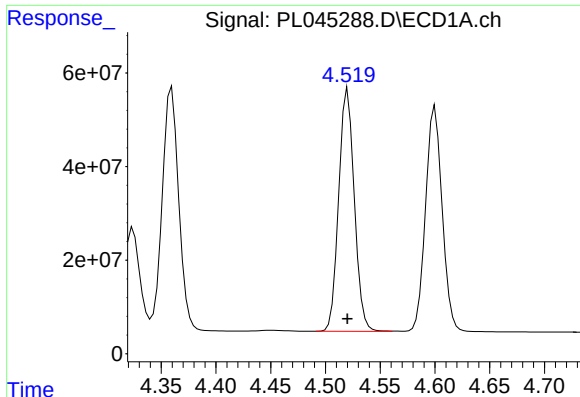
#6 beta-BHC

R.T.: 4.324 min
Delta R.T.: 0.000 min
Response: 216504824
Conc: 50.51 ng/ml



#6 beta-BHC

R.T.: 4.829 min
Delta R.T.: 0.001 min
Response: 66035881
Conc: 52.00 ng/ml



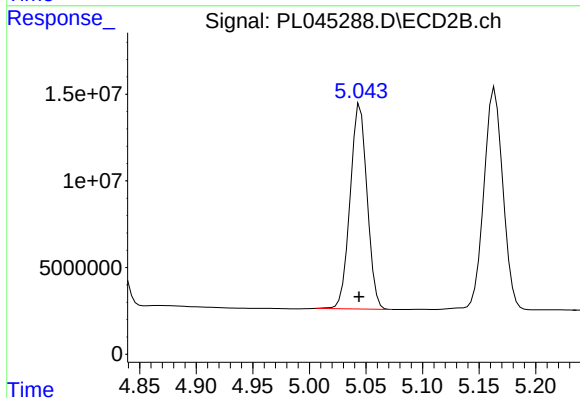
#7 delta-BHC

R.T.: 4.520 min
Delta R.T.: 0.000 min
Response: 513569628
Conc: 53.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-03-022719MS

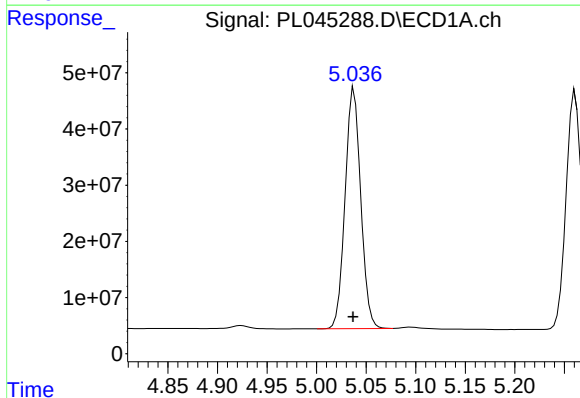
Manual Integrations
APPROVED

Sohil
3/1/2019 12:19:56 PM



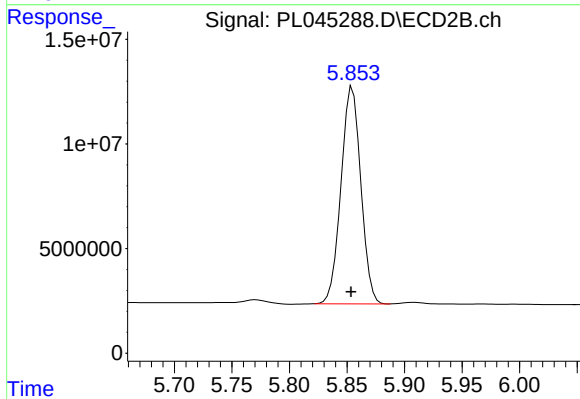
#7 delta-BHC

R.T.: 5.043 min
Delta R.T.: 0.000 min
Response: 123329633
Conc: 57.34 ng/ml m



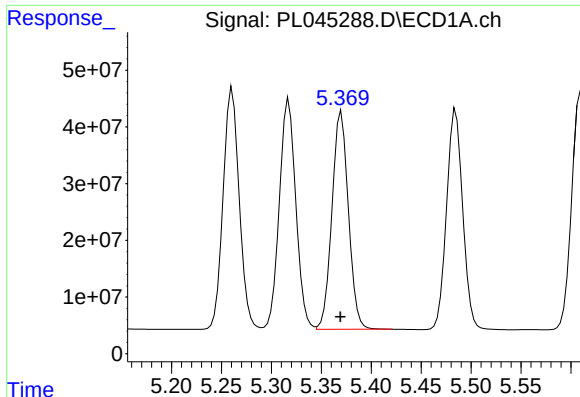
#8 Heptachlor epoxide

R.T.: 5.038 min
Delta R.T.: 0.000 min
Response: 470211854
Conc: 50.38 ng/ml



#8 Heptachlor epoxide

R.T.: 5.855 min
Delta R.T.: 0.001 min
Response: 125011720
Conc: 52.05 ng/ml



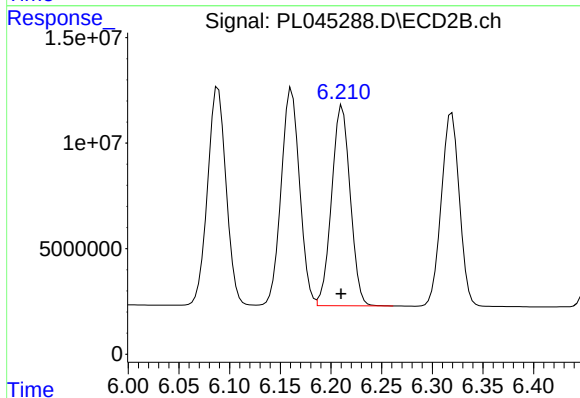
#9 Endosulfan I

R.T.: 5.370 min
Delta R.T.: 0.001 min
Response: 440668642
Conc: 49.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-03-022719MS

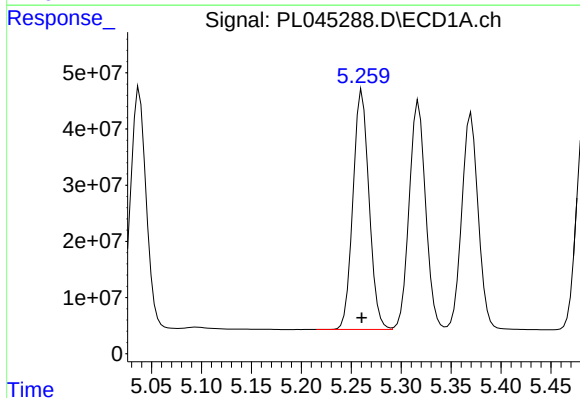
Manual Integrations
APPROVED

Sohil
3/1/2019 12:19:56 PM



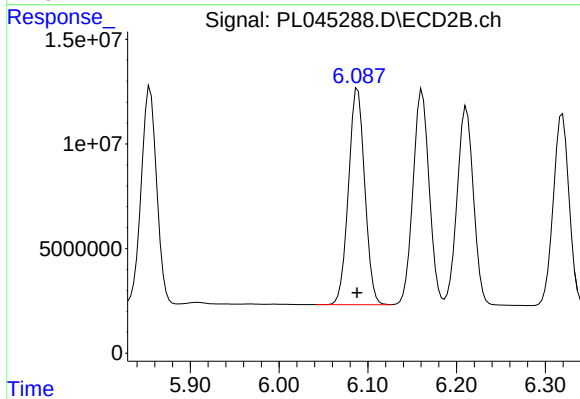
#9 Endosulfan I

R.T.: 6.211 min
Delta R.T.: 0.001 min
Response: 121260762
Conc: 48.69 ng/ml



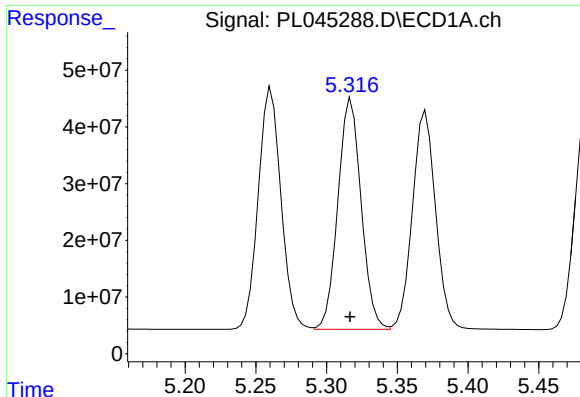
#10 gamma-Chlordane

R.T.: 5.261 min
Delta R.T.: 0.000 min
Response: 477450702
Conc: 48.78 ng/ml



#10 gamma-Chlordane

R.T.: 6.089 min
Delta R.T.: 0.000 min
Response: 131705504
Conc: 49.09 ng/ml



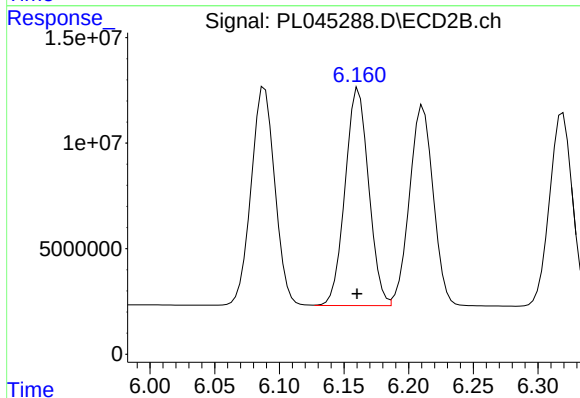
#11 alpha-Chlordane

R.T.: 5.317 min
Delta R.T.: 0.000 min
Response: 466984200
Conc: 48.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-03-022719MS

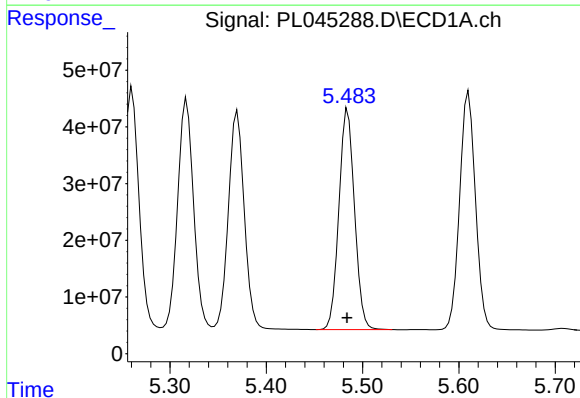
Manual Integrations
APPROVED

Sohil
3/1/2019 12:19:56 PM



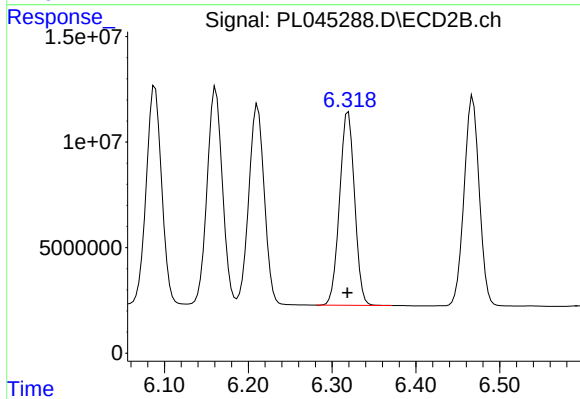
#11 alpha-Chlordane

R.T.: 6.161 min
Delta R.T.: 0.001 min
Response: 130328319
Conc: 48.31 ng/ml



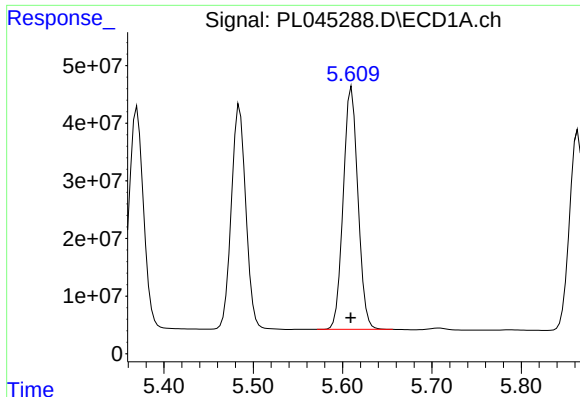
#12 4,4'-DDE

R.T.: 5.485 min
Delta R.T.: 0.000 min
Response: 437450982
Conc: 49.83 ng/ml



#12 4,4'-DDE

R.T.: 6.319 min
Delta R.T.: 0.001 min
Response: 113880584
Conc: 48.75 ng/ml



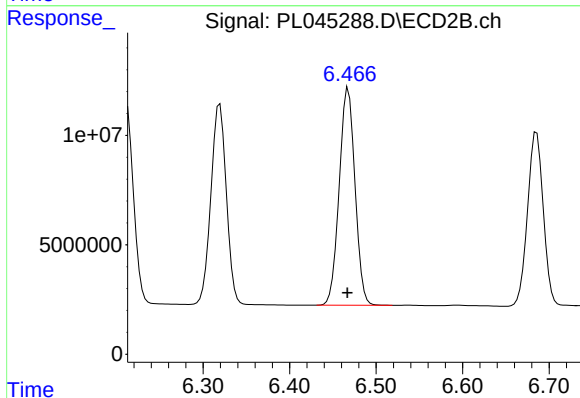
#13 Dieldrin

R.T.: 5.610 min
Delta R.T.: 0.000 min
Response: 480417498
Conc: 50.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-03-022719MS

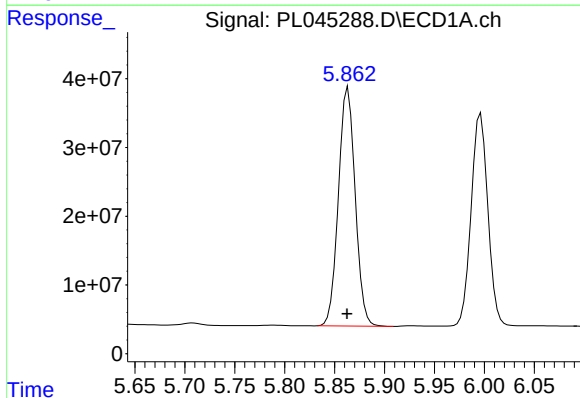
Manual Integrations
APPROVED

Sohil
3/1/2019 12:19:56 PM



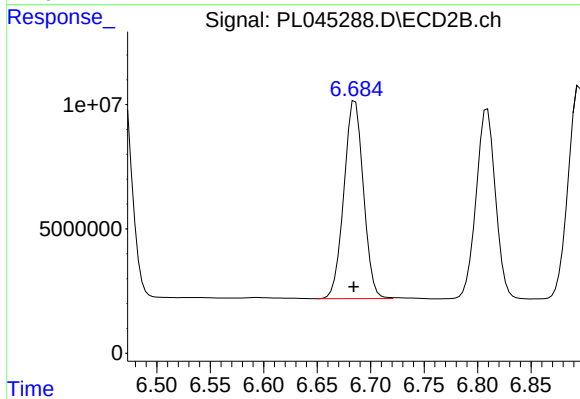
#13 Dieldrin

R.T.: 6.468 min
Delta R.T.: 0.001 min
Response: 125067337
Conc: 48.67 ng/ml



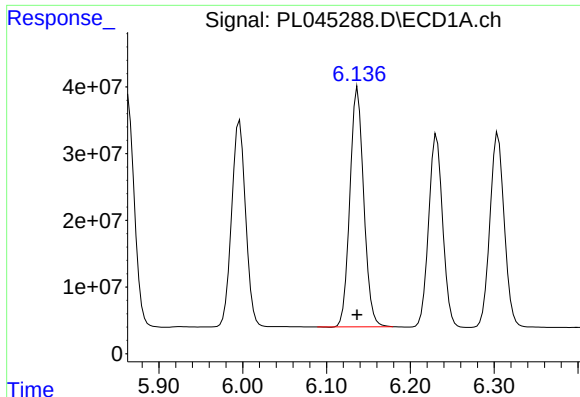
#14 Endrin

R.T.: 5.863 min
Delta R.T.: 0.001 min
Response: 405717451
Conc: 45.05 ng/ml



#14 Endrin

R.T.: 6.686 min
Delta R.T.: 0.001 min
Response: 101080754
Conc: 44.43 ng/ml



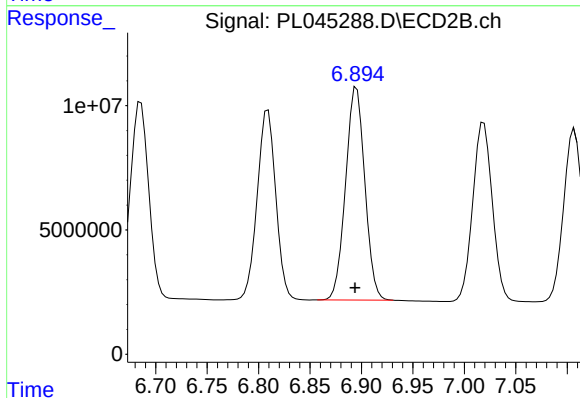
#15 Endosulfan II

R.T.: 6.137 min
Delta R.T.: 0.000 min
Response: 413321181
Conc: 47.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-03-022719MS

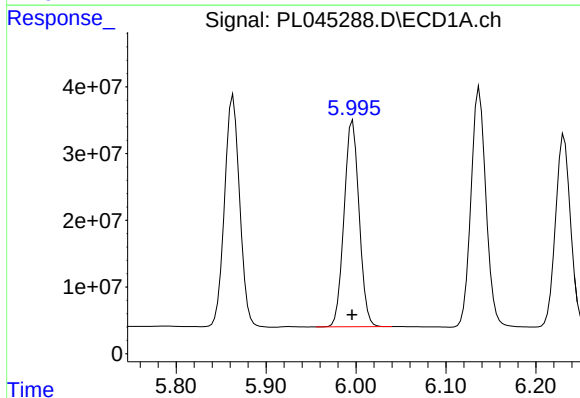
Manual Integrations
APPROVED

Sohil
3/1/2019 12:19:56 PM



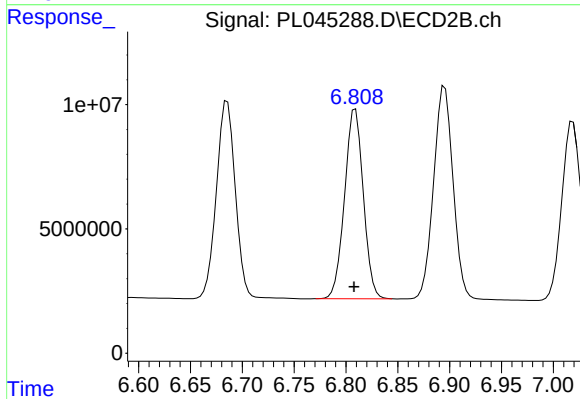
#15 Endosulfan II

R.T.: 6.895 min
Delta R.T.: 0.002 min
Response: 111587474
Conc: 47.45 ng/ml



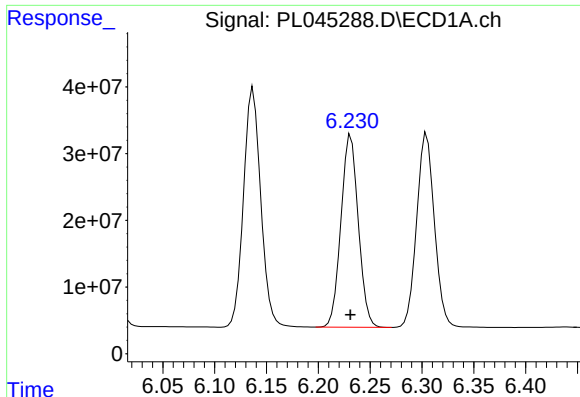
#16 4,4'-DDD

R.T.: 5.996 min
Delta R.T.: 0.000 min
Response: 360069045
Conc: 49.18 ng/ml



#16 4,4'-DDD

R.T.: 6.809 min
Delta R.T.: 0.001 min
Response: 95914224
Conc: 49.88 ng/ml



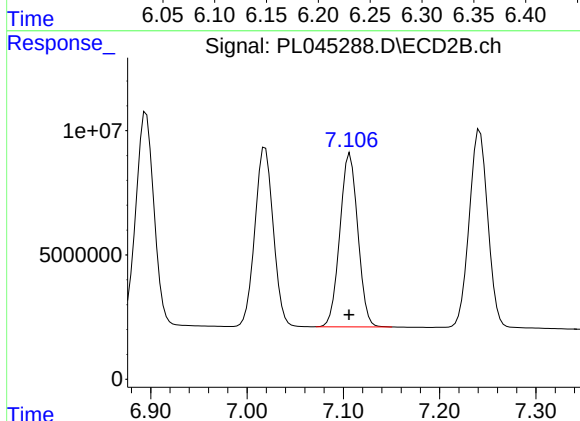
#17 4,4'-DDT

R.T.: 6.231 min
Delta R.T.: 0.000 min
Response: 336109089
Conc: 44.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-03-022719MS

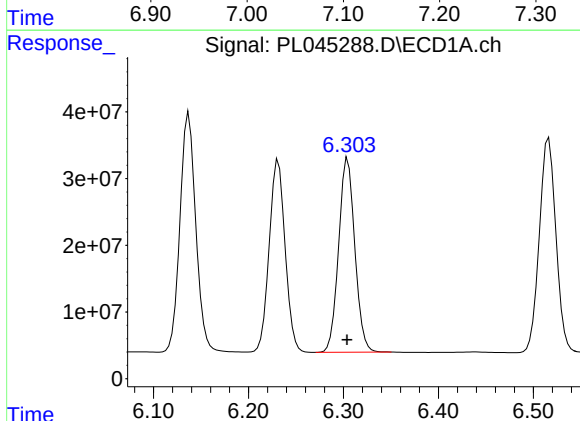
Manual Integrations
APPROVED

Sohil
3/1/2019 12:19:56 PM



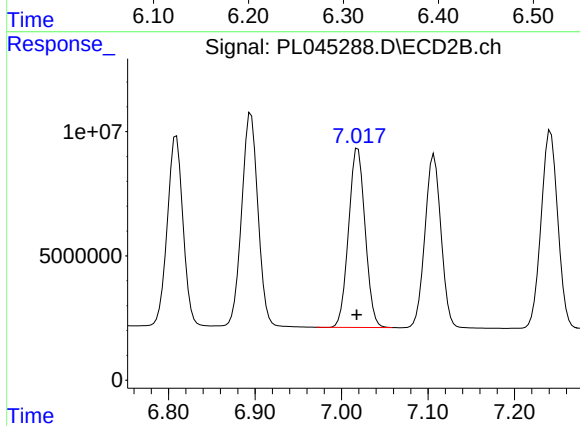
#17 4,4'-DDT

R.T.: 7.107 min
Delta R.T.: 0.001 min
Response: 90155749
Conc: 45.68 ng/ml



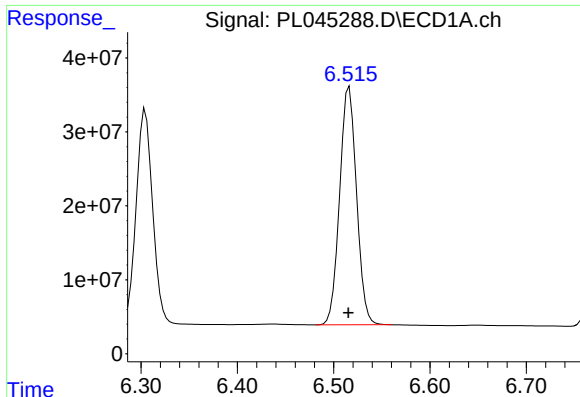
#18 Endrin aldehyde

R.T.: 6.305 min
Delta R.T.: 0.000 min
Response: 345762169
Conc: 47.30 ng/ml



#18 Endrin aldehyde

R.T.: 7.019 min
Delta R.T.: 0.001 min
Response: 95438691
Conc: 46.69 ng/ml



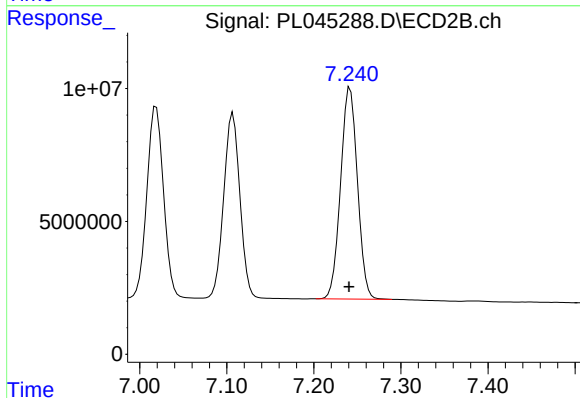
#19 Endosulfan Sulfate

R.T.: 6.516 min
Delta R.T.: 0.000 min
Response: 391951625
Conc: 48.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-03-022719MS

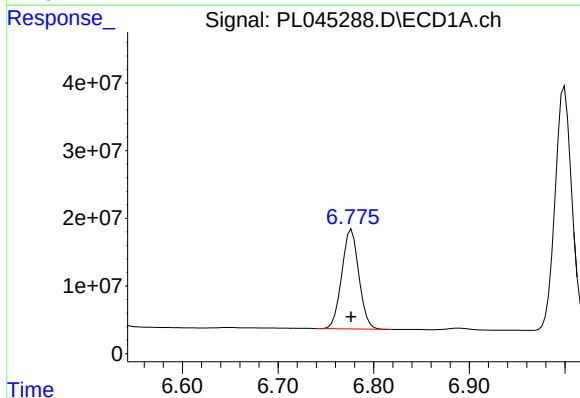
Manual Integrations
APPROVED

Sohil
3/1/2019 12:19:56 PM



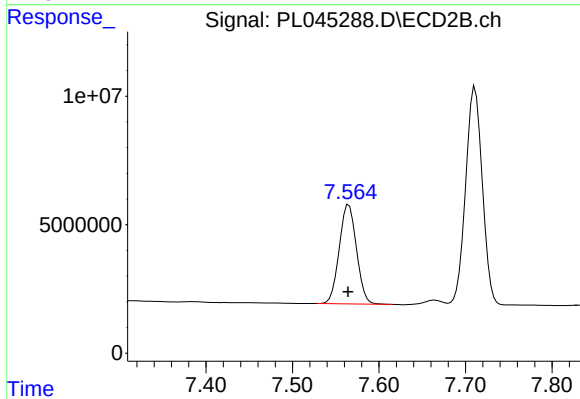
#19 Endosulfan Sulfate

R.T.: 7.242 min
Delta R.T.: 0.001 min
Response: 107011929
Conc: 47.57 ng/ml



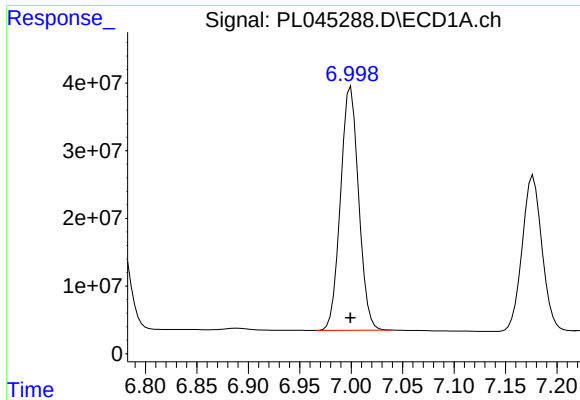
#20 Methoxychlor

R.T.: 6.777 min
Delta R.T.: 0.000 min
Response: 182933514
Conc: 41.65 ng/ml



#20 Methoxychlor

R.T.: 7.565 min
Delta R.T.: 0.000 min
Response: 53260299
Conc: 43.39 ng/ml



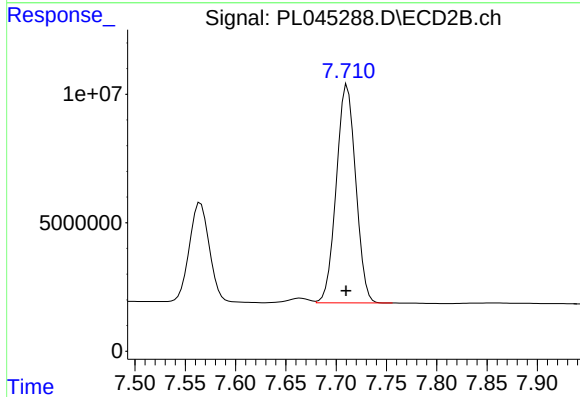
#21 Endrin ketone

R.T.: 7.000 min
Delta R.T.: 0.000 min
Response: 441466326
Conc: 47.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-03-022719MS

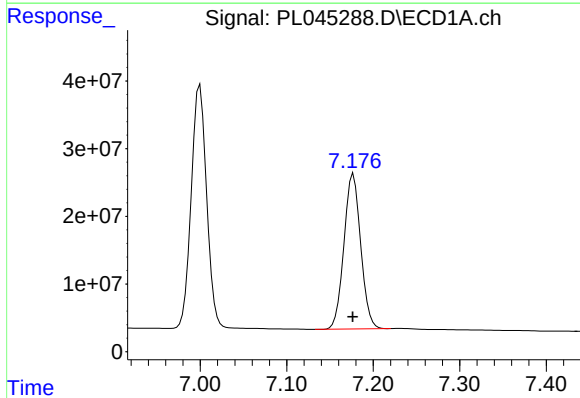
Manual Integrations
APPROVED

Sohil
3/1/2019 12:19:56 PM



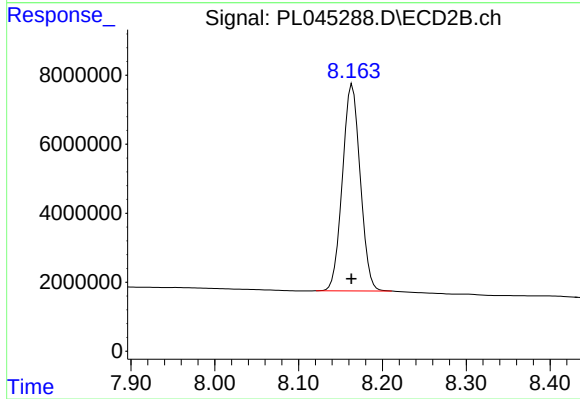
#21 Endrin ketone

R.T.: 7.711 min
Delta R.T.: 0.001 min
Response: 113846833
Conc: 47.87 ng/ml



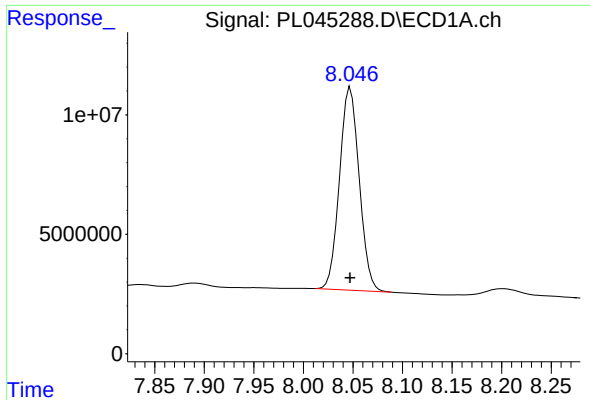
#22 Mirex

R.T.: 7.177 min
Delta R.T.: 0.000 min
Response: 306643598
Conc: 41.21 ng/ml



#22 Mirex

R.T.: 8.164 min
Delta R.T.: 0.001 min
Response: 88618185
Conc: 44.49 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.048 min

Delta R.T.: 0.000 min

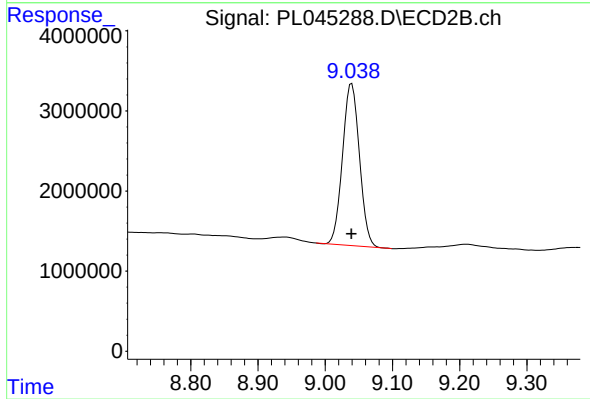
Response: 117246111

Conc: 14.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
BU-03-022719MS

Manual Integrations
APPROVED

Sohil
3/1/2019 12:19:56 PM



#28 Decachlorobiphenyl

R.T.: 9.039 min

Delta R.T.: 0.000 min

Response: 35277271

Conc: 15.44 ng/ml