

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041719\
 Data File : PL047531.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Apr 2019 22:45
 Operator : AJ\SJ
 Sample : K2196-06MSD
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 HD-01-041619MSD

Manual Integrations
 APPROVED

Sohil
 4/18/2019 10:45:29 AM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 18 01:20:32 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032219.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 22 13:40:08 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...	3.357	3.975	143.6E6	50776185	19.734	22.177
28)	SA Decachlor...	8.031	9.026	171.5E6	52370874	20.386	22.589
Target Compounds							
2)	A alpha-BHC	3.786	4.365	624.3E6	184.1E6	53.534	57.304
3)	MA gamma-BHC...	4.063	4.649	577.3E6	171.1E6	53.731	57.155
4)	MA Heptachlor	4.349	5.153	606.8E6	183.5E6	55.042	59.665m
5)	MB Aldrin	4.589	5.458	575.2E6	169.2E6	55.766	59.053
6)	B beta-BHC	4.316	4.822	235.9E6	75983973	52.405	57.316
7)	B delta-BHC	4.510	5.036	424.0E6	100.5E6	41.890	43.320m
8)	B Heptachlo...	5.026	5.843	507.5E6	143.7E6	52.032	54.505m
9)	A Endosulfan I	5.357	6.200	501.4E6	147.3E6	53.324	56.424
10)	B gamma-Chl...	5.248	6.079	542.3E6	159.4E6	52.790	56.150
11)	B alpha-Chl...	5.304	6.151	531.9E6	158.1E6	52.456	55.740
12)	B 4,4'-DDE	5.470	6.309	502.0E6	142.6E6	54.527m	57.434
13)	MA Dieldrin	5.597	6.456	539.4E6	155.0E6	53.749	57.167m
14)	MA Endrin	5.850	6.675	484.7E6	130.6E6	51.462	54.653
15)	B Endosulfa...	6.124	6.885	462.2E6	132.6E6	51.592	54.950
16)	A 4,4'-DDD	5.983	6.800	406.5E6	115.5E6	53.779	57.424
17)	MA 4,4'-DDT	6.217	7.096	399.5E6	118.1E6	52.740	56.303m
18)	B Endrin al...	6.291	7.009	389.2E6	115.1E6	51.927	54.200
19)	B Endosulfa...	6.502	7.232	402.5E6	127.1E6	49.015	53.899
20)	A Methoxychlor	6.762	7.556	213.6E6	68204161	50.255	53.503
21)	B Endrin ke...	6.984	7.701	511.7E6	142.8E6	55.334m	57.456
22)	Mirex	7.160	8.153	381.2E6	116.5E6	52.325m	58.242

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041719\
Data File : PL047531.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Apr 2019 22:45
Operator : AJ\SJ
Sample : K2196-06MSD
Misc :
ALS Vial : 41 Sample Multiplier: 1

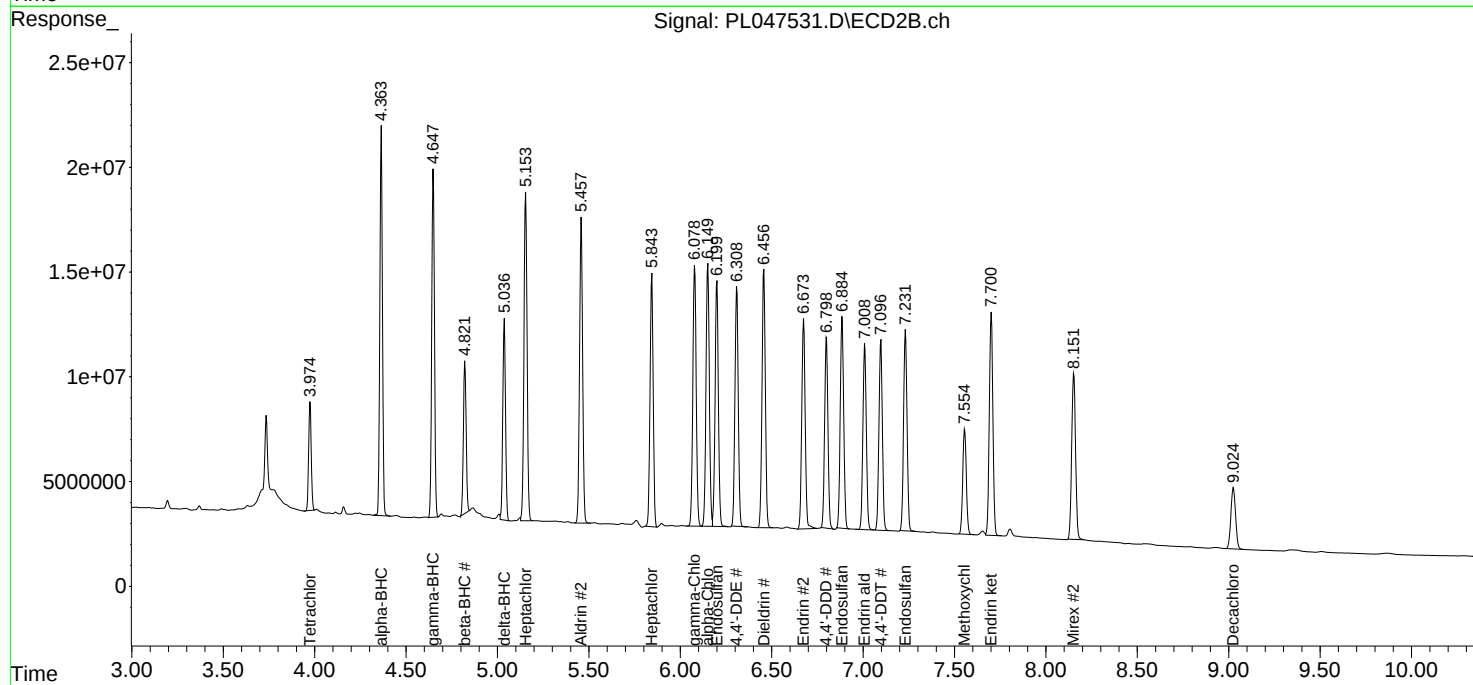
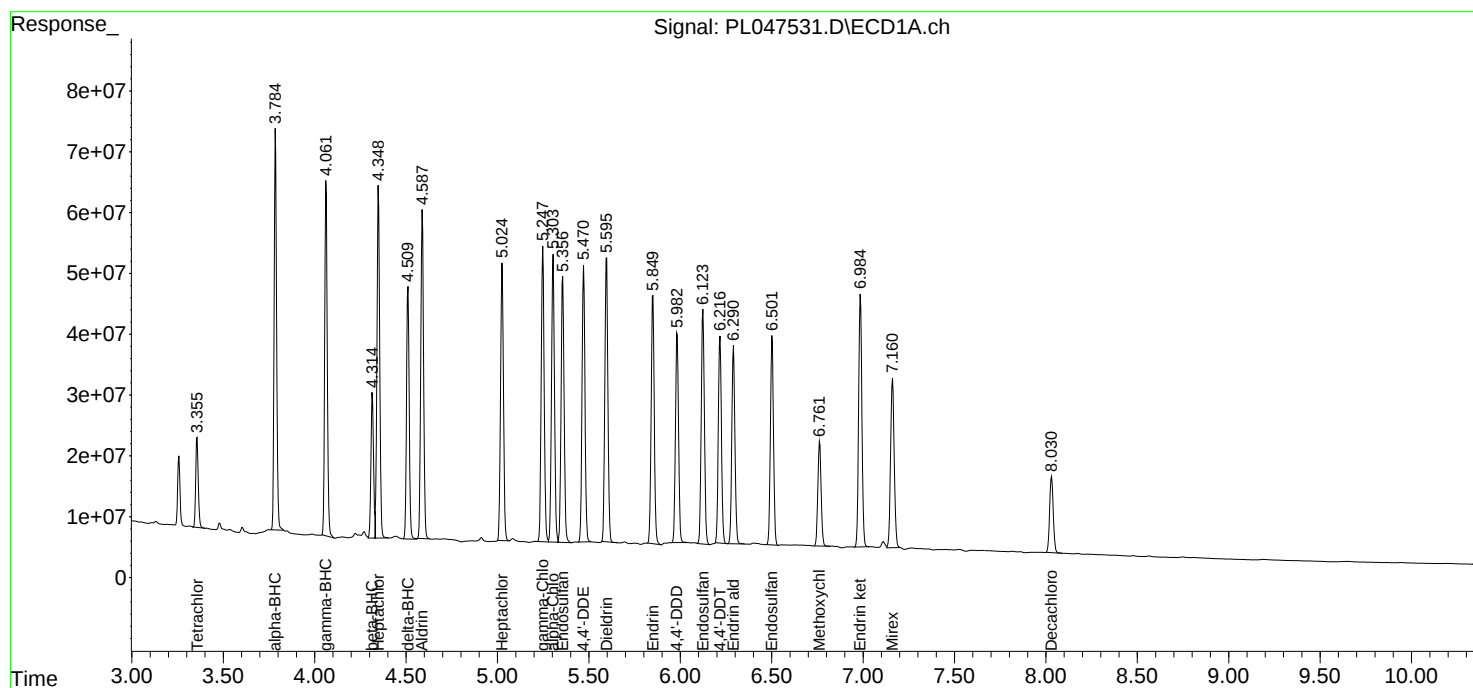
Instrument :
ECD_L
ClientSampleId :
HD-01-041619MSD

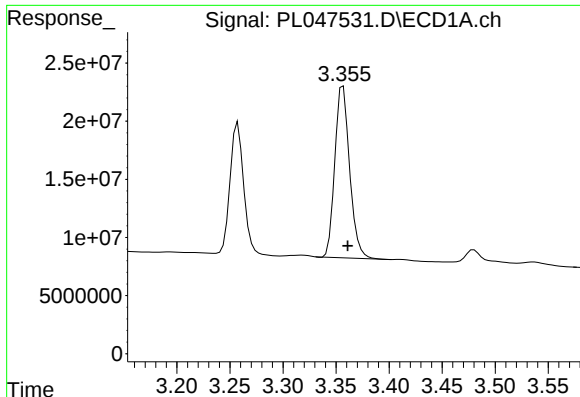
Manual Integrations
APPROVED

Sohil
4/18/2019 10:45:29 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 18 01:20:32 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032219.M
Quant Title : GC Extractables
QLast Update : Fri Mar 22 13:40:08 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





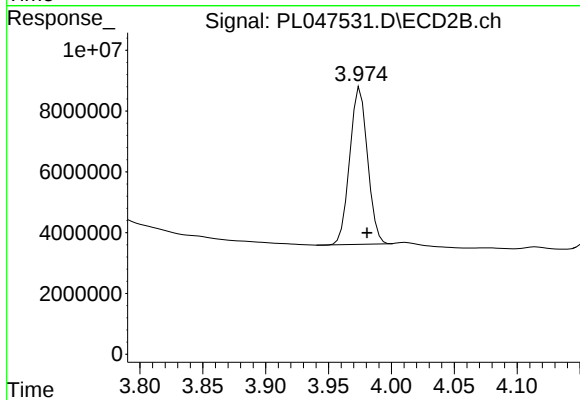
#1 Tetrachloro-m-xylene

R.T.: 3.357 min
Delta R.T.: -0.004 min
Response: 143560674
Conc: 19.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-041619MSD

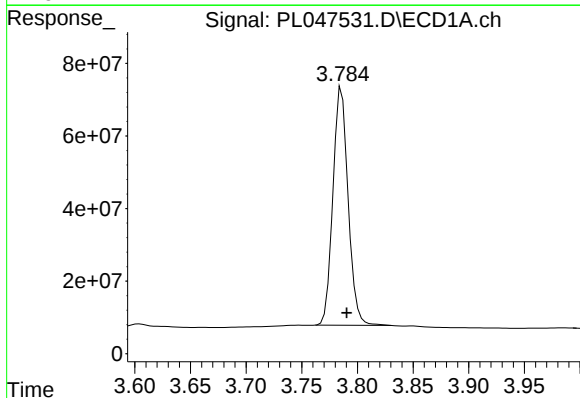
Manual Integrations
APPROVED

Sohil
4/18/2019 10:45:29 AM



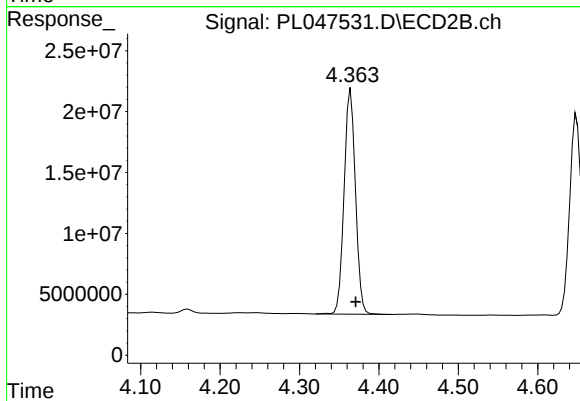
#1 Tetrachloro-m-xylene

R.T.: 3.975 min
Delta R.T.: -0.006 min
Response: 50776185
Conc: 22.18 ng/ml



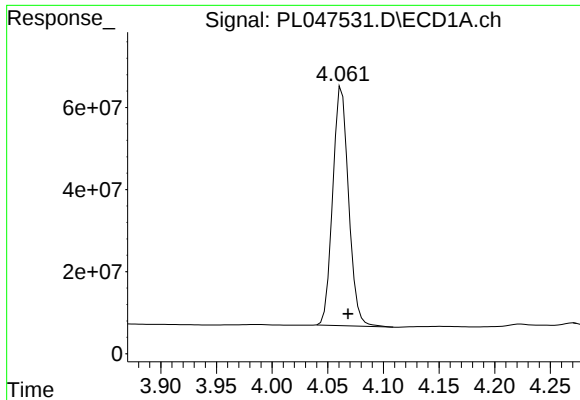
#2 alpha-BHC

R.T.: 3.786 min
Delta R.T.: -0.005 min
Response: 624317889
Conc: 53.53 ng/ml



#2 alpha-BHC

R.T.: 4.365 min
Delta R.T.: -0.006 min
Response: 184133961
Conc: 57.30 ng/ml



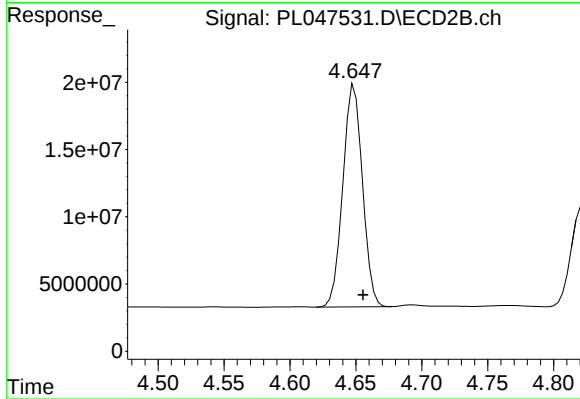
#3 gamma-BHC (Lindane)

R.T.: 4.063 min
Delta R.T.: -0.006 min
Response: 577310969
Conc: 53.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-041619MSD

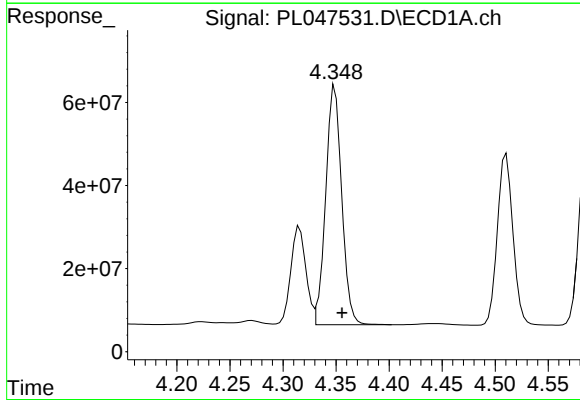
Manual Integrations
APPROVED

Sohil
4/18/2019 10:45:29 AM



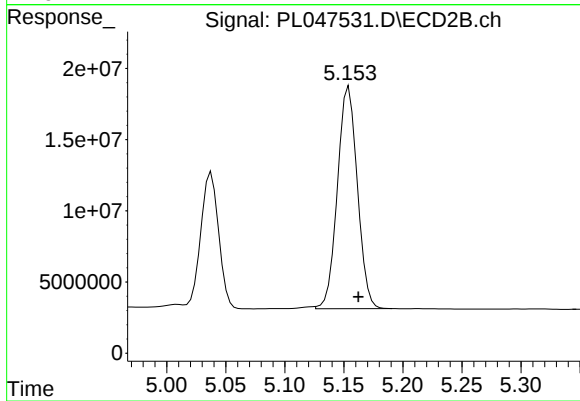
#3 gamma-BHC (Lindane)

R.T.: 4.649 min
Delta R.T.: -0.007 min
Response: 171065923
Conc: 57.15 ng/ml



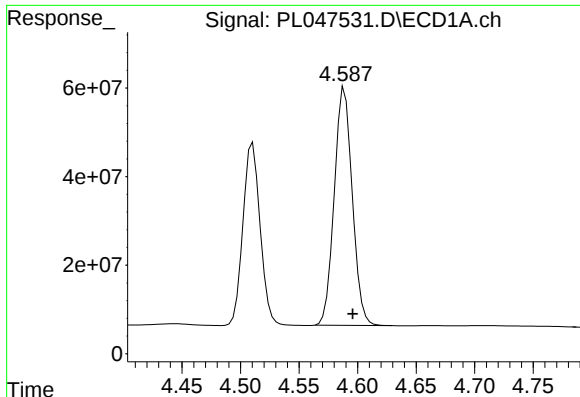
#4 Heptachlor

R.T.: 4.349 min
Delta R.T.: -0.007 min
Response: 606846709
Conc: 55.04 ng/ml



#4 Heptachlor

R.T.: 5.153 min
Delta R.T.: -0.010 min
Response: 183523580
Conc: 59.67 ng/ml m



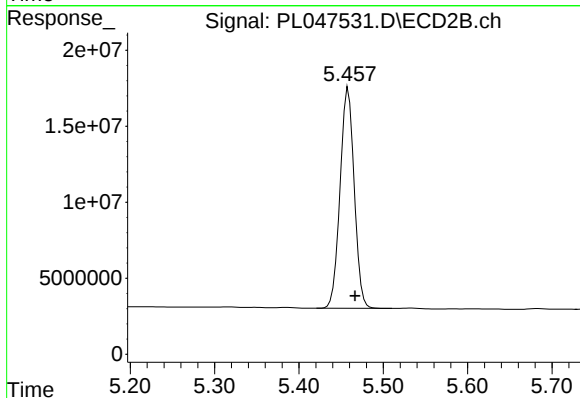
#5 Aldrin

R.T.: 4.589 min
Delta R.T.: -0.007 min
Response: 575226475
Conc: 55.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-041619MSD

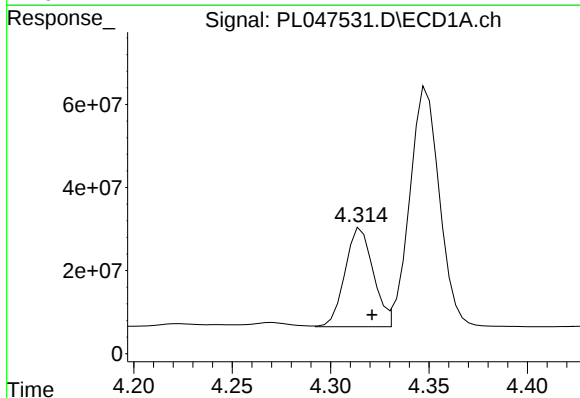
Manual Integrations
APPROVED

Sohil
4/18/2019 10:45:29 AM



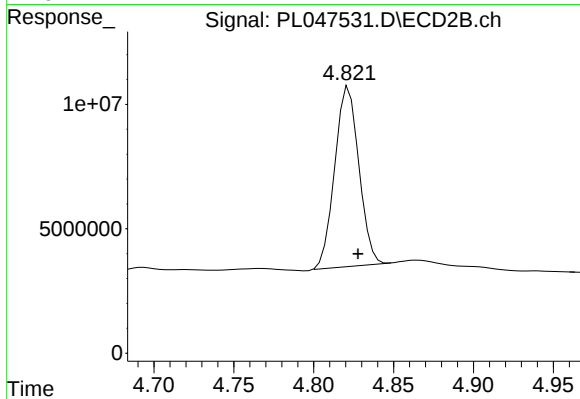
#5 Aldrin

R.T.: 5.458 min
Delta R.T.: -0.008 min
Response: 169185759
Conc: 59.05 ng/ml



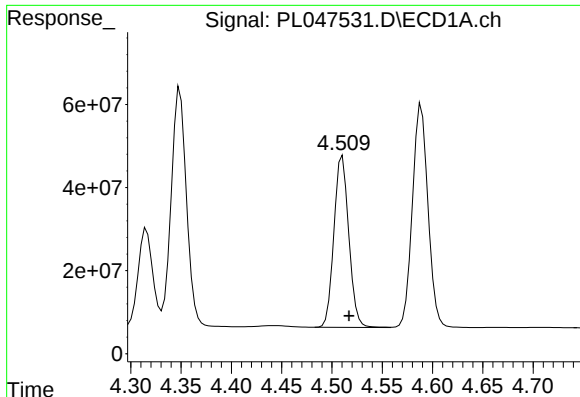
#6 beta-BHC

R.T.: 4.316 min
Delta R.T.: -0.005 min
Response: 235947123
Conc: 52.40 ng/ml



#6 beta-BHC

R.T.: 4.822 min
Delta R.T.: -0.006 min
Response: 75983973
Conc: 57.32 ng/ml



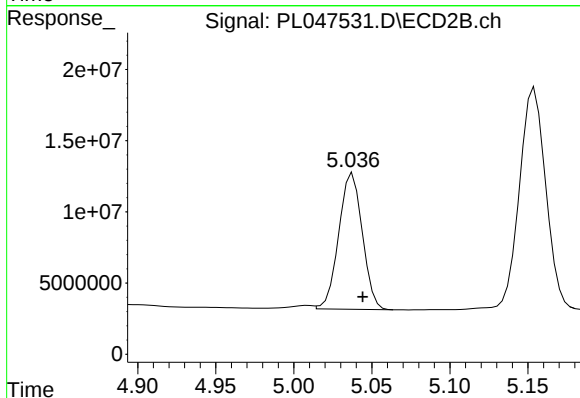
#7 delta-BHC

R.T.: 4.510 min
Delta R.T.: -0.007 min
Response: 424049683
Conc: 41.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-041619MSD

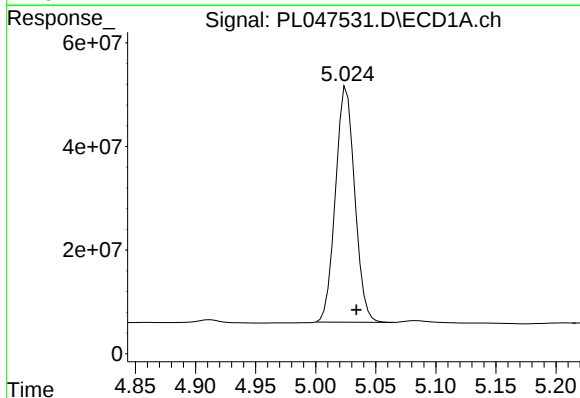
Manual Integrations
APPROVED

Sohil
4/18/2019 10:45:29 AM



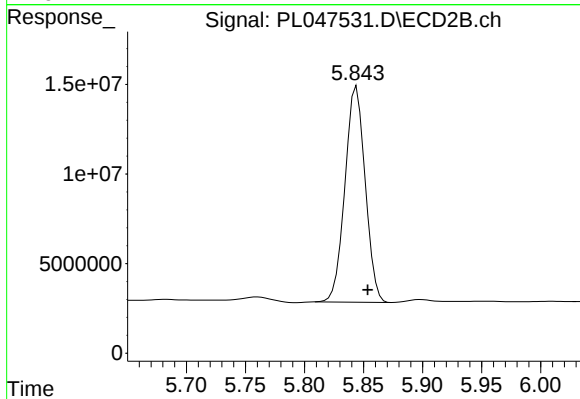
#7 delta-BHC

R.T.: 5.036 min
Delta R.T.: -0.008 min
Response: 100509600
Conc: 43.32 ng/ml m



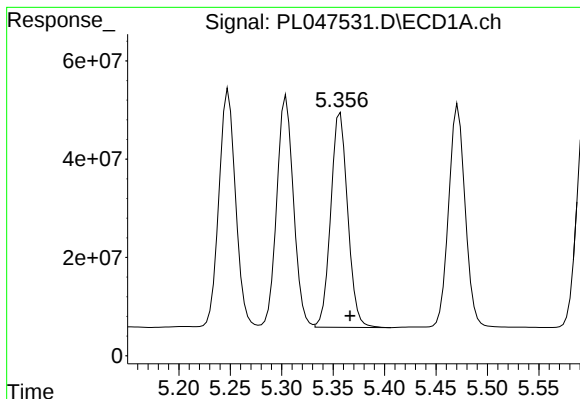
#8 Heptachlor epoxide

R.T.: 5.026 min
Delta R.T.: -0.008 min
Response: 507498244
Conc: 52.03 ng/ml



#8 Heptachlor epoxide

R.T.: 5.843 min
Delta R.T.: -0.011 min
Response: 143741178
Conc: 54.51 ng/ml m



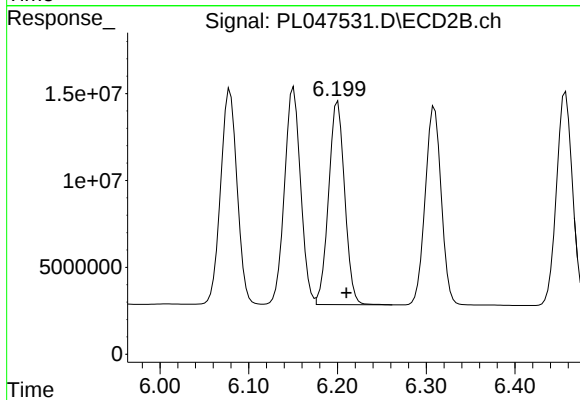
#9 Endosulfan I

R.T.: 5.357 min
Delta R.T.: -0.009 min
Response: 501371767
Conc: 53.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-041619MSD

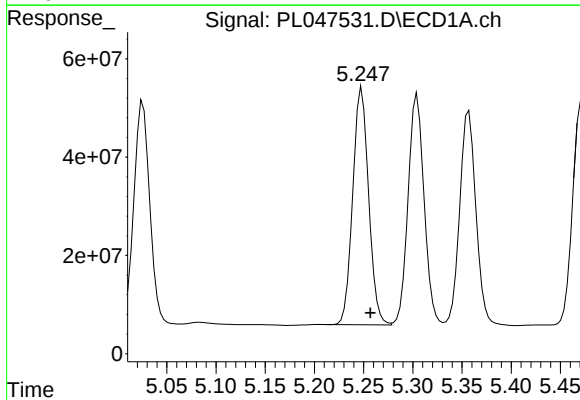
Manual Integrations
APPROVED

Sohil
4/18/2019 10:45:29 AM



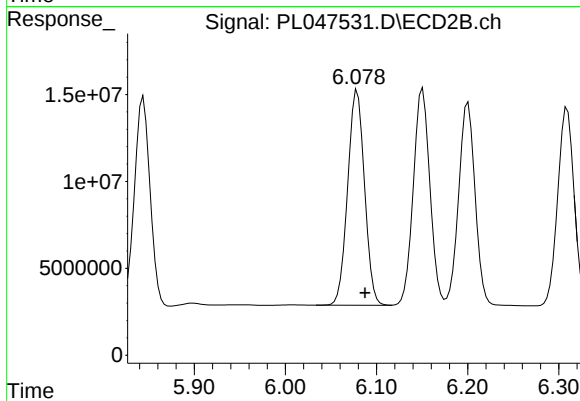
#9 Endosulfan I

R.T.: 6.200 min
Delta R.T.: -0.010 min
Response: 147259975
Conc: 56.42 ng/ml



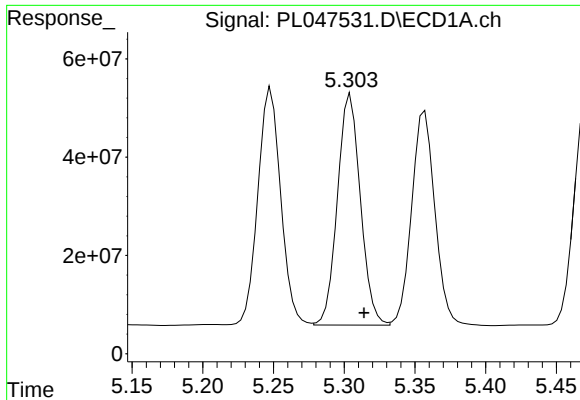
#10 gamma-Chlordane

R.T.: 5.248 min
Delta R.T.: -0.009 min
Response: 542289216
Conc: 52.79 ng/ml



#10 gamma-Chlordane

R.T.: 6.079 min
Delta R.T.: -0.009 min
Response: 159358130
Conc: 56.15 ng/ml



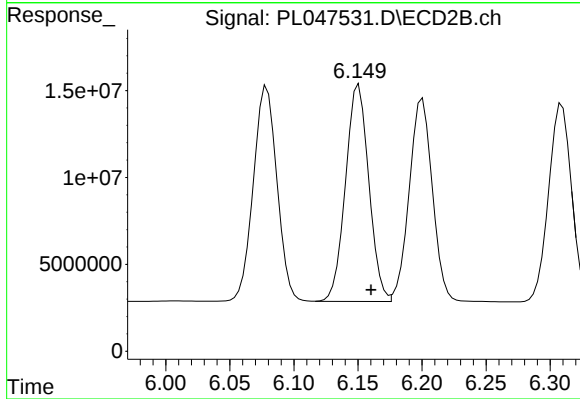
#11 alpha-Chlordane

R.T.: 5.304 min
Delta R.T.: -0.010 min
Response: 531856926
Conc: 52.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-041619MSD

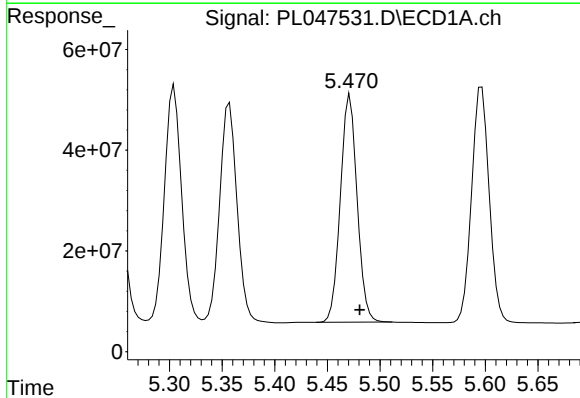
Manual Integrations
APPROVED

Sohil
4/18/2019 10:45:29 AM



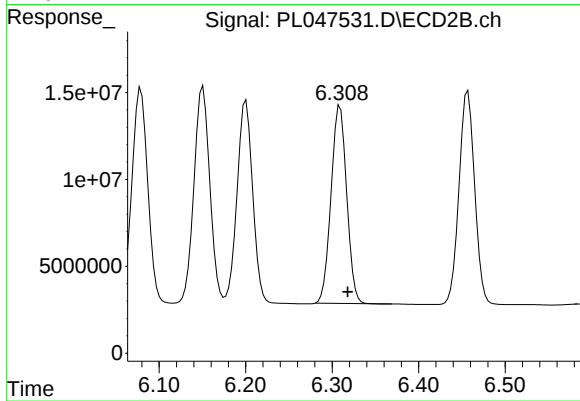
#11 alpha-Chlordane

R.T.: 6.151 min
Delta R.T.: -0.010 min
Response: 158116922
Conc: 55.74 ng/ml



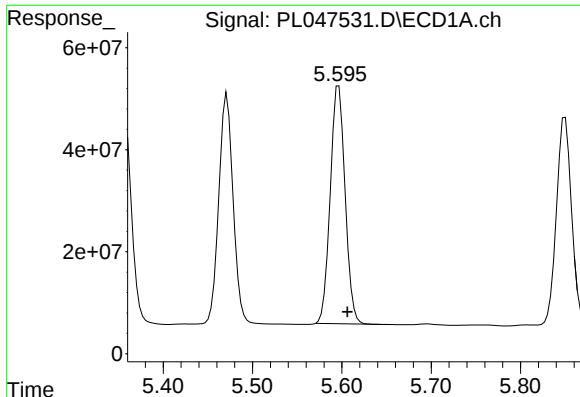
#12 4,4'-DDE

R.T.: 5.470 min
Delta R.T.: -0.011 min
Response: 502027226
Conc: 54.53 ng/ml m



#12 4,4'-DDE

R.T.: 6.309 min
Delta R.T.: -0.009 min
Response: 142571174
Conc: 57.43 ng/ml



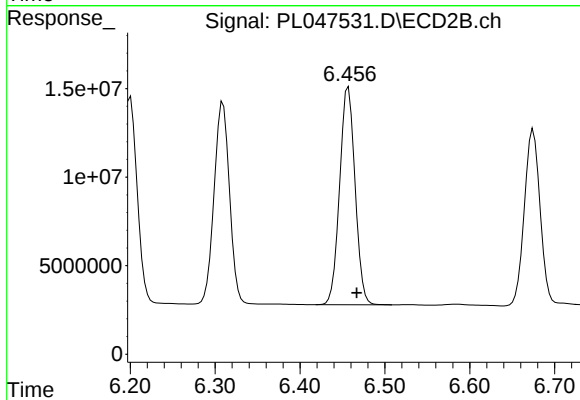
#13 Dieldrin

R.T.: 5.597 min
Delta R.T.: -0.010 min
Response: 539397678
Conc: 53.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-041619MSD

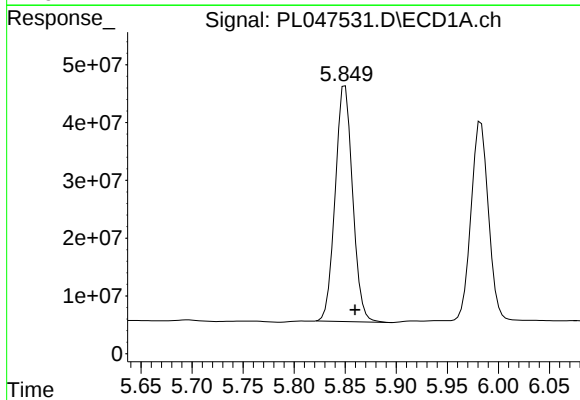
Manual Integrations
APPROVED

Sohil
4/18/2019 10:45:29 AM



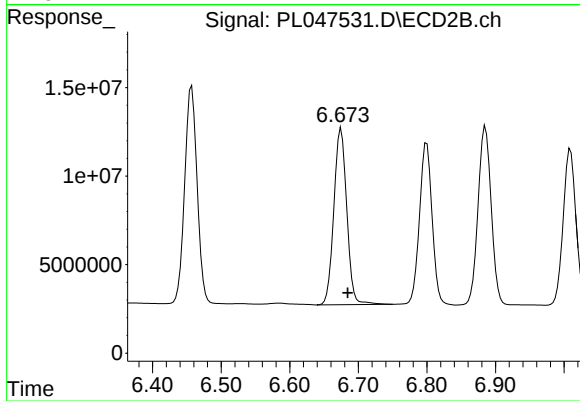
#13 Dieldrin

R.T.: 6.456 min
Delta R.T.: -0.011 min
Response: 154961824
Conc: 57.17 ng/ml m



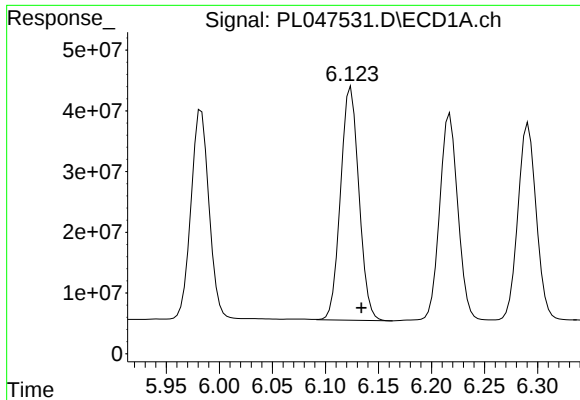
#14 Endrin

R.T.: 5.850 min
Delta R.T.: -0.010 min
Response: 484727727
Conc: 51.46 ng/ml



#14 Endrin

R.T.: 6.675 min
Delta R.T.: -0.010 min
Response: 130609074
Conc: 54.65 ng/ml



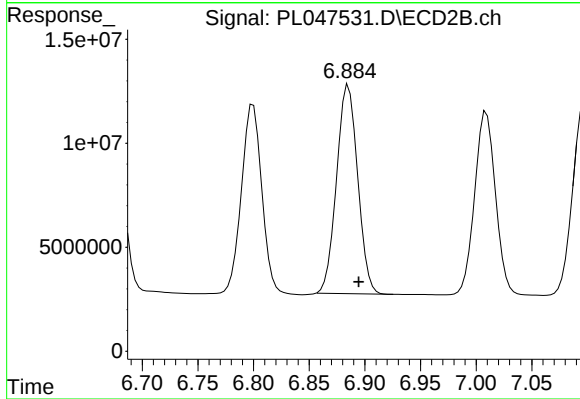
#15 Endosulfan II

R.T.: 6.124 min
Delta R.T.: -0.010 min
Response: 462243855
Conc: 51.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-041619MSD

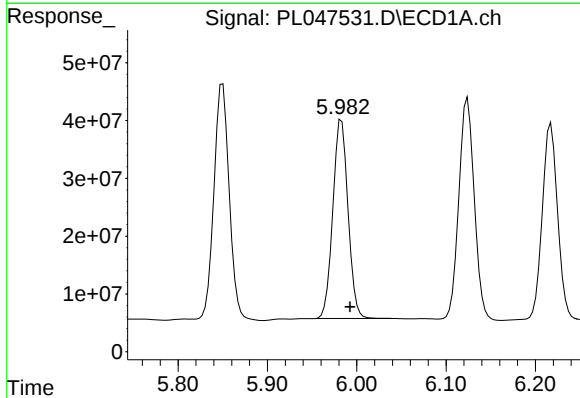
Manual Integrations
APPROVED

Sohil
4/18/2019 10:45:29 AM



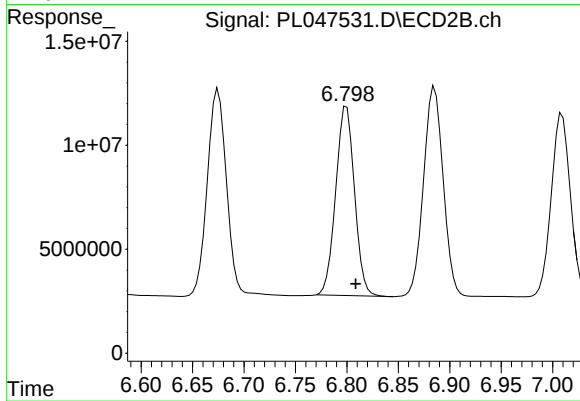
#15 Endosulfan II

R.T.: 6.885 min
Delta R.T.: -0.009 min
Response: 132587571
Conc: 54.95 ng/ml



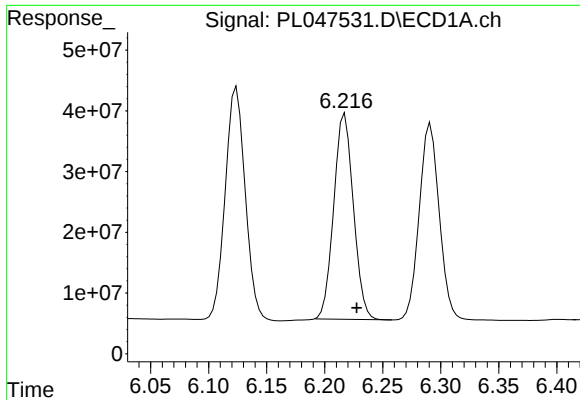
#16 4,4'-DDD

R.T.: 5.983 min
Delta R.T.: -0.010 min
Response: 406521401
Conc: 53.78 ng/ml



#16 4,4'-DDD

R.T.: 6.800 min
Delta R.T.: -0.009 min
Response: 115538983
Conc: 57.42 ng/ml



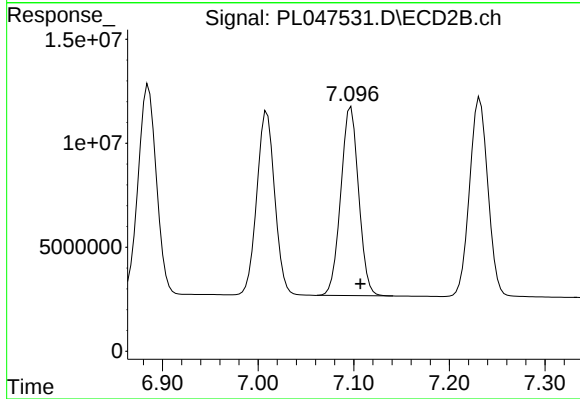
#17 4,4'-DDT

R.T.: 6.217 min
Delta R.T.: -0.010 min
Response: 399472999
Conc: 52.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-041619MSD

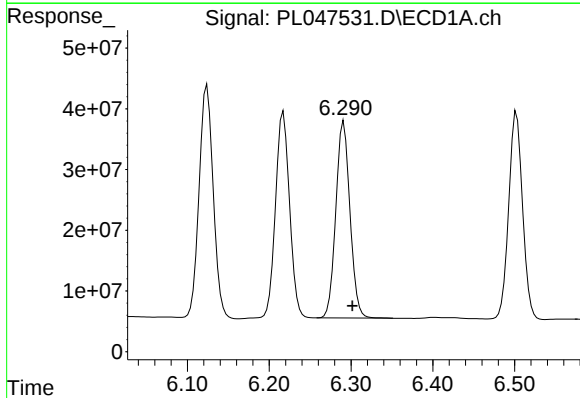
Manual Integrations
APPROVED

Sohil
4/18/2019 10:45:29 AM



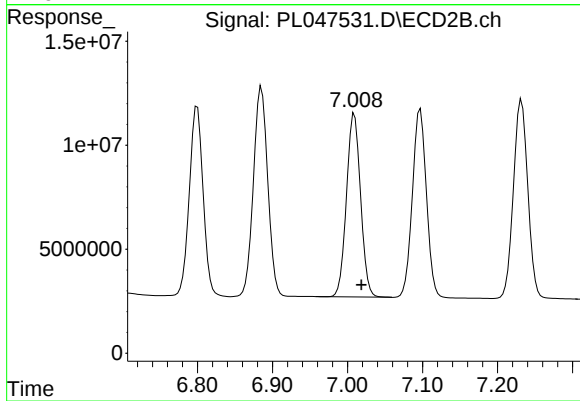
#17 4,4'-DDT

R.T.: 7.096 min
Delta R.T.: -0.011 min
Response: 118064258
Conc: 56.30 ng/ml m



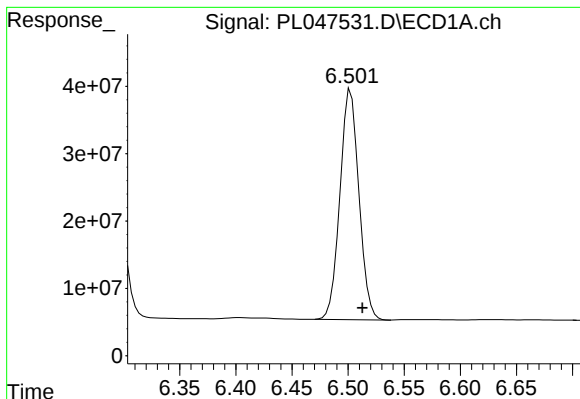
#18 Endrin aldehyde

R.T.: 6.291 min
Delta R.T.: -0.010 min
Response: 389202698
Conc: 51.93 ng/ml



#18 Endrin aldehyde

R.T.: 7.009 min
Delta R.T.: -0.010 min
Response: 115121116
Conc: 54.20 ng/ml



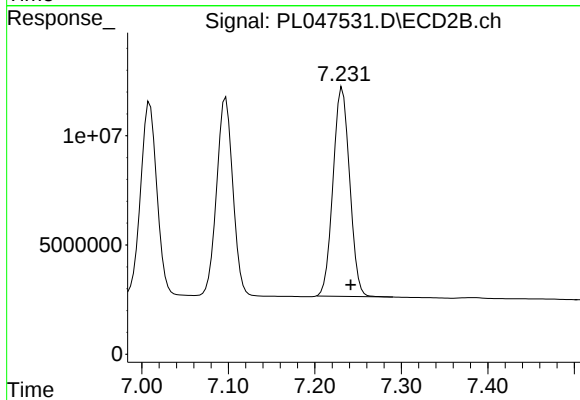
#19 Endosulfan Sulfate

R.T.: 6.502 min
Delta R.T.: -0.010 min
Response: 402471720
Conc: 49.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-041619MSD

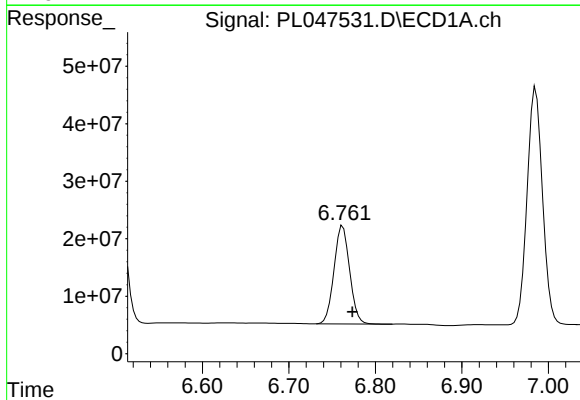
Manual Integrations
APPROVED

Sohil
4/18/2019 10:45:29 AM



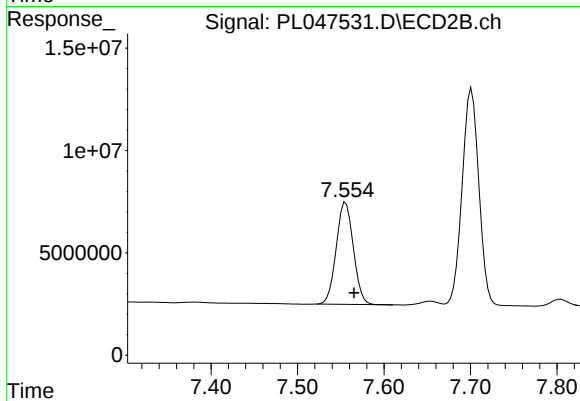
#19 Endosulfan Sulfate

R.T.: 7.232 min
Delta R.T.: -0.010 min
Response: 127148667
Conc: 53.90 ng/ml



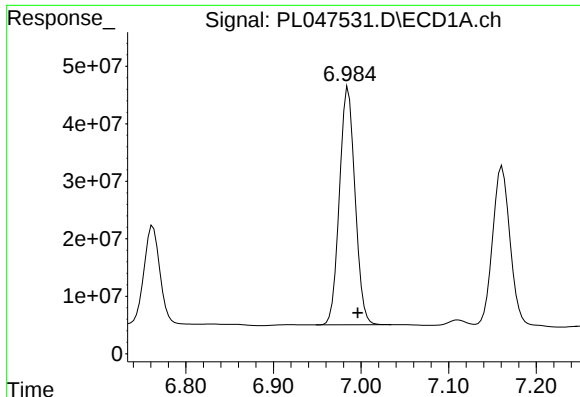
#20 Methoxychlor

R.T.: 6.762 min
Delta R.T.: -0.011 min
Response: 213575904
Conc: 50.25 ng/ml



#20 Methoxychlor

R.T.: 7.556 min
Delta R.T.: -0.010 min
Response: 68204161
Conc: 53.50 ng/ml



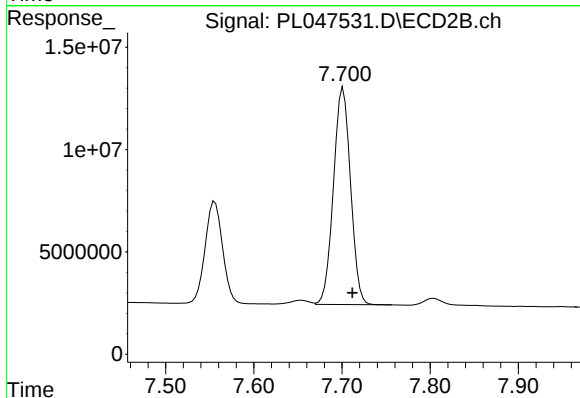
#21 Endrin ketone

R.T.: 6.984 min
Delta R.T.: -0.012 min
Response: 511664186
Conc: 55.33 ng/ml m

Instrument :
ECD_L
ClientSampleId :
HD-01-041619MSD

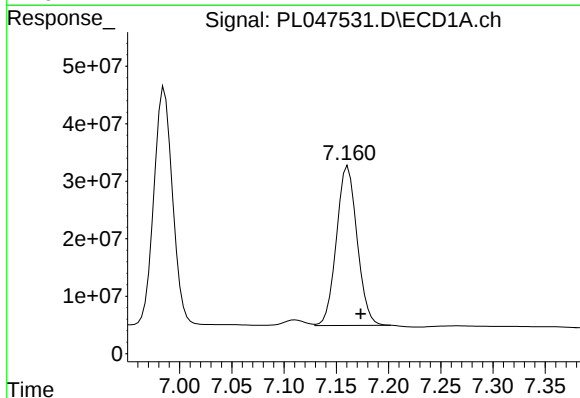
Manual Integrations
APPROVED

Sohil
4/18/2019 10:45:29 AM



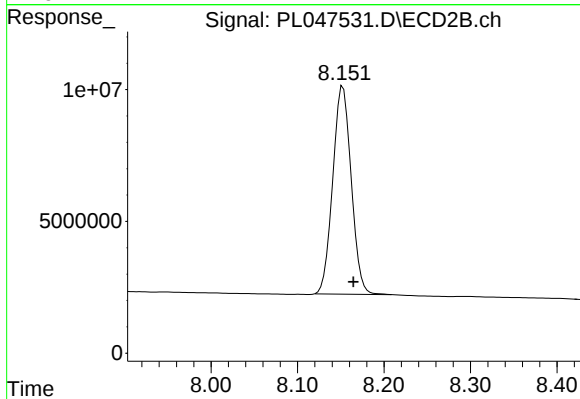
#21 Endrin ketone

R.T.: 7.701 min
Delta R.T.: -0.010 min
Response: 142752621
Conc: 57.46 ng/ml



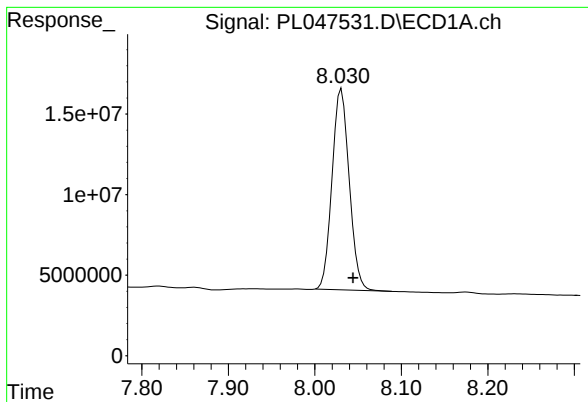
#22 Mirex

R.T.: 7.160 min
Delta R.T.: -0.013 min
Response: 381214476
Conc: 52.32 ng/ml m



#22 Mirex

R.T.: 8.153 min
Delta R.T.: -0.012 min
Response: 116494892
Conc: 58.24 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.031 min

Delta R.T.: -0.013 min

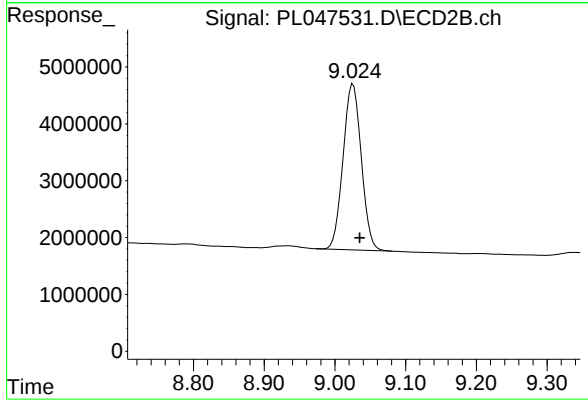
Response: 171471278

Conc: 20.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-041619MSD

Manual Integrations
APPROVED

Sohil
4/18/2019 10:45:29 AM



#28 Decachlorobiphenyl

R.T.: 9.026 min

Delta R.T.: -0.009 min

Response: 52370874

Conc: 22.59 ng/ml