

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080519\
 Data File : PL051082.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Aug 2019 04:55
 Operator : SM\AJ
 Sample : K4156-13MS
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 RBR-200035MS

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 06 07:20:12 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071719.M
 Quant Title : GC Extractables
 QLast Update : Fri Jul 19 01:19:13 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...	3.318	3.928	210.2E6	52662691	20.915	18.457
2)	SA Decachlor...	7.978	8.956	251.5E6	75926043	24.842	26.849m
Target Compounds							
2)	A alpha-BHC	3.746	4.316	751.5E6	230.2E6	44.843	55.785
3)	MA gamma-BHC...	4.021	4.599	751.3E6	228.2E6	48.843	58.929
4)	MA Heptachlor	4.304	5.100	757.3E6	224.2E6	46.156	54.072
5)	MB Aldrin	4.542	5.403	693.8E6	203.5E6	44.785	54.009
6)	B beta-BHC	4.275	4.775	368.0E6	92424145	56.134	53.460
7)	B delta-BHC	4.468	4.989	631.9E6	191.0E6	38.510	49.395 #
8)	B Heptachlo...	4.979	5.790	659.3E6	206.0E6	44.624	53.852
9)	A Endosulfan I	5.309	6.144	583.6E6	176.3E6	40.126	51.279 #
10)	B gamma-Chl...	5.201	6.021	726.0E6	242.4E6	46.000	65.591m#
11)	B alpha-Chl...	5.257	6.095	783.7E6	204.3E6	51.370	55.747
12)	B 4,4'-DDE	5.424	6.254	695.9E6	170.6E6	46.435	47.353
13)	MA Dieldrin	5.548	6.401	844.3E6	190.0E6	54.480	53.655
14)	MA Endrin	5.800	6.617	705.9E6	165.3E6	47.956	53.299
15)	B Endosulfa...	6.076	6.830	670.3E6	179.5E6	47.894	56.453
16)	A 4,4'-DDD	5.934	6.745	534.3E6	155.4E6	44.585	58.362 #
17)	MA 4,4'-DDT	6.168	7.042	591.2E6	165.7E6	47.732	61.388 #
18)	B Endrin al...	6.242	6.954	499.5E6	140.1E6	43.294	51.537
19)	B Endosulfa...	6.453	7.177	596.2E6	168.8E6	46.798	58.438
20)	A Methoxychlor	6.712	7.503	288.3E6	103.4E6	46.213m	70.488 #
21)	B Endrin ke...	6.934	7.645	613.3E6	183.7E6	44.839	63.526 #
22)	Mirex	7.107	8.093	424.4E6	133.6E6	43.286	58.154 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080519\
Data File : PL051082.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Aug 2019 04:55
Operator : SM\AJ
Sample : K4156-13MS
Misc :
ALS Vial : 64 Sample Multiplier: 1

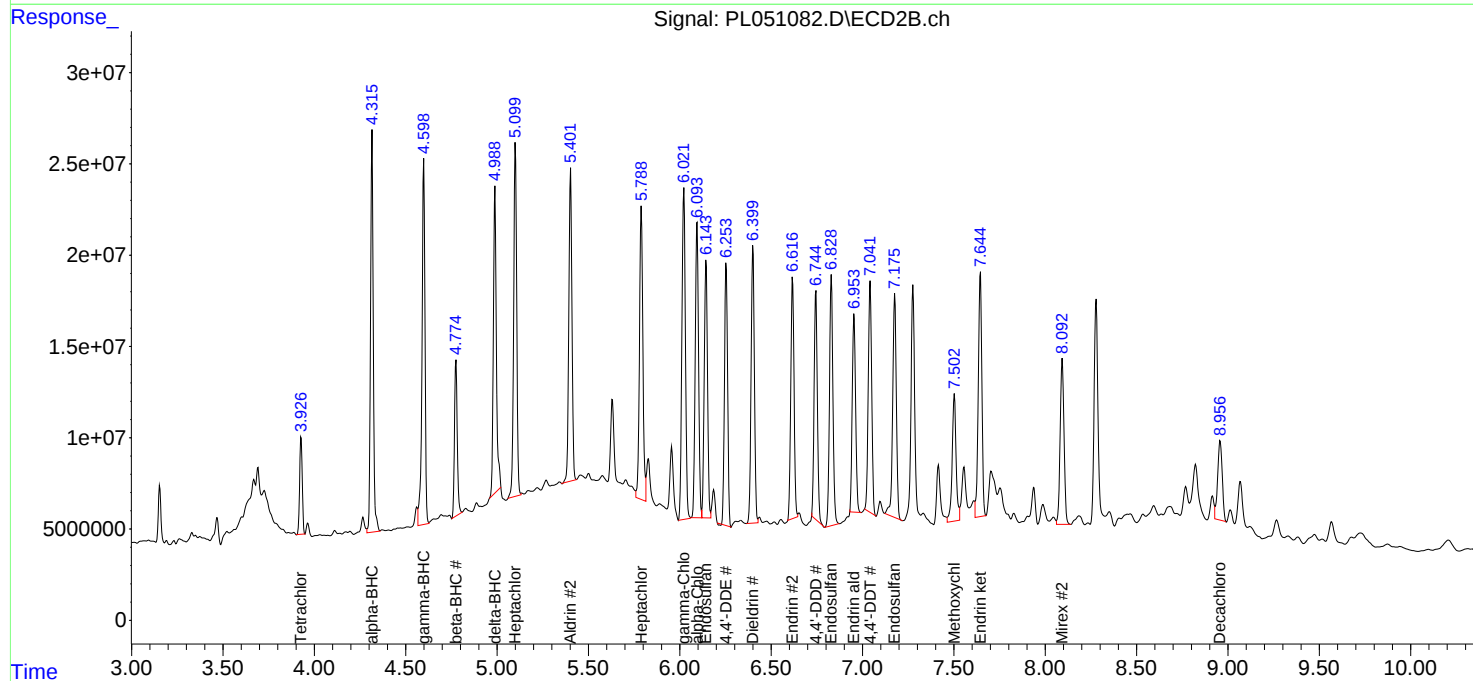
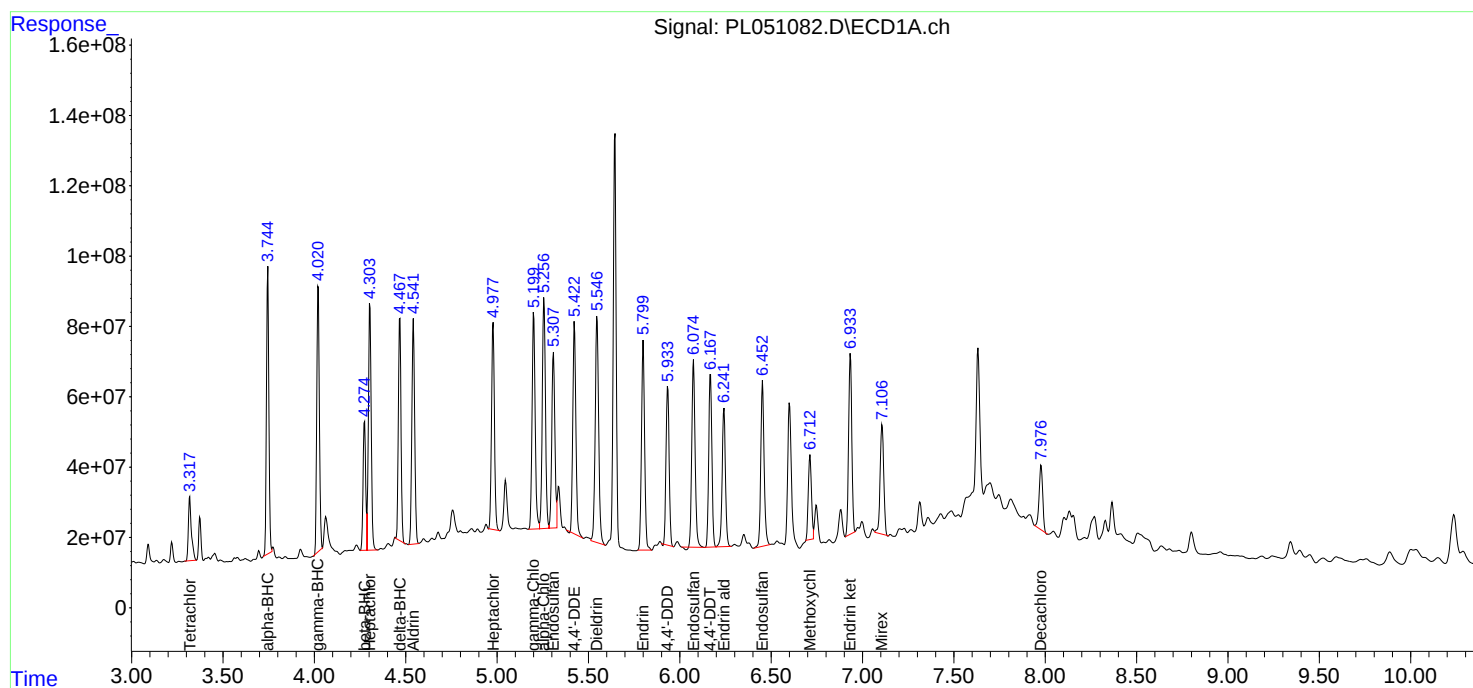
Instrument :
ECD_L
ClientSampled :
RBR-200035MS

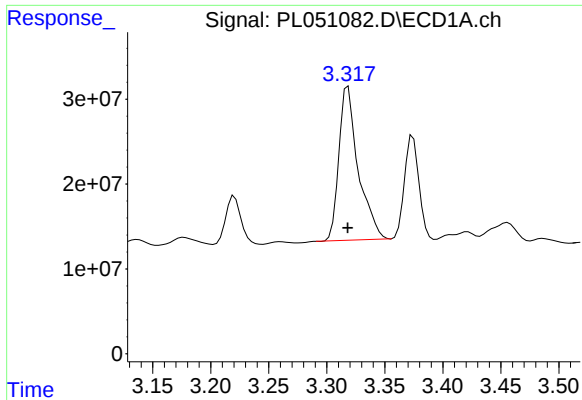
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 06 07:20:12 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071719.M
Quant Title : GC Extractables
QLast Update : Fri Jul 19 01:19:13 2019
Response 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





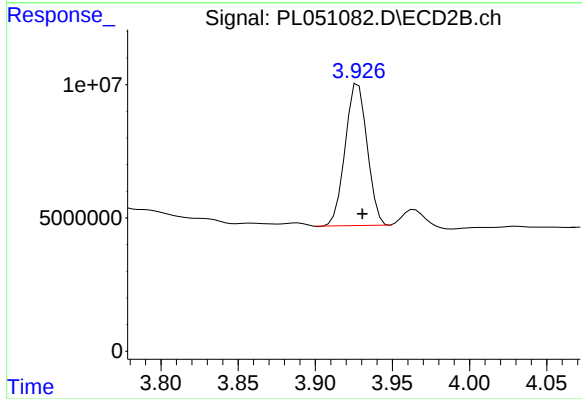
#1 Tetrachloro-m-xylene

R.T.: 3.318 min
Delta R.T.: 0.000 min
Response: 210154796
Conc: 20.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200035MS

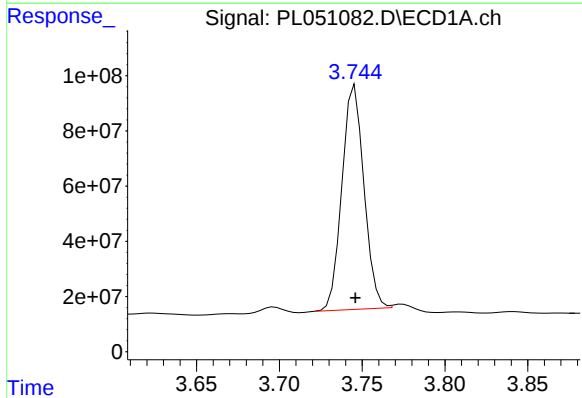
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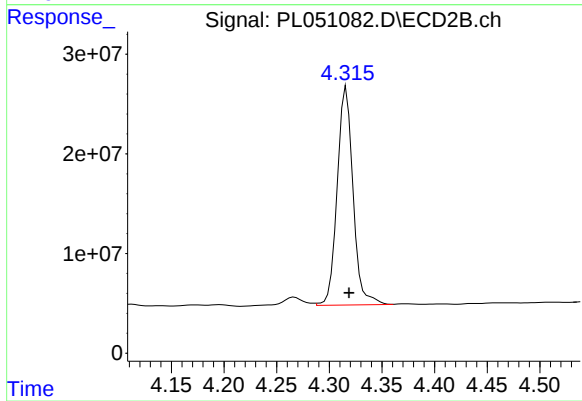
#1 Tetrachloro-m-xylene

R.T.: 3.928 min
Delta R.T.: -0.003 min
Response: 52662691
Conc: 18.46 ng/ml



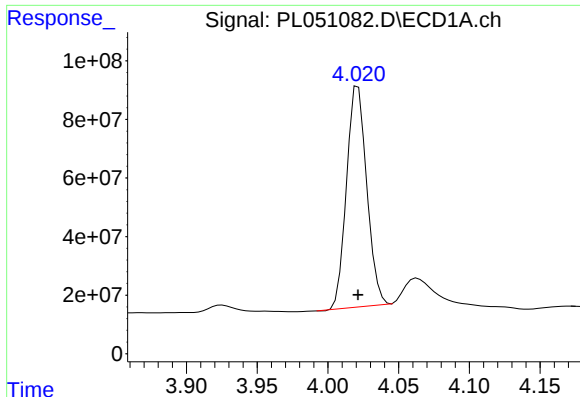
#2 alpha-BHC

R.T.: 3.746 min
Delta R.T.: 0.000 min
Response: 751461387
Conc: 44.84 ng/ml



#2 alpha-BHC

R.T.: 4.316 min
Delta R.T.: -0.003 min
Response: 230167932
Conc: 55.78 ng/ml



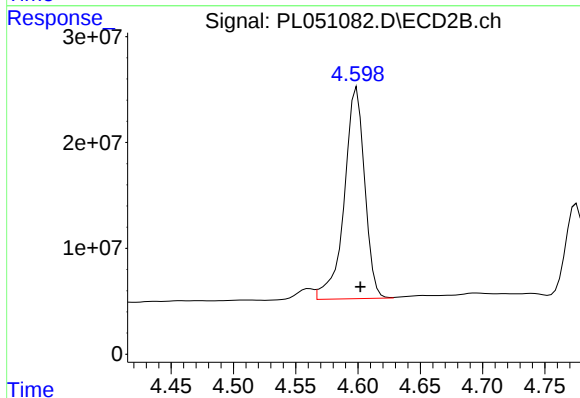
#3 gamma-BHC (Lindane)

R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 751292009
Conc: 48.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200035MS

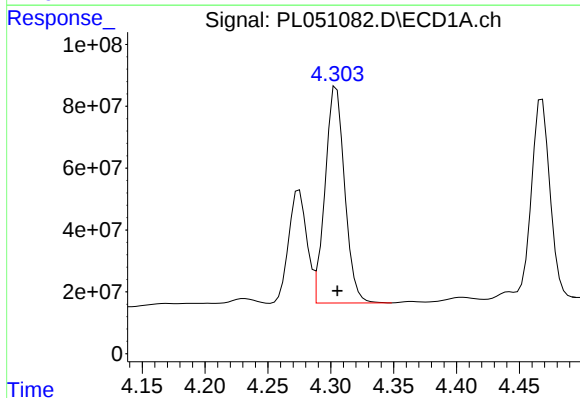
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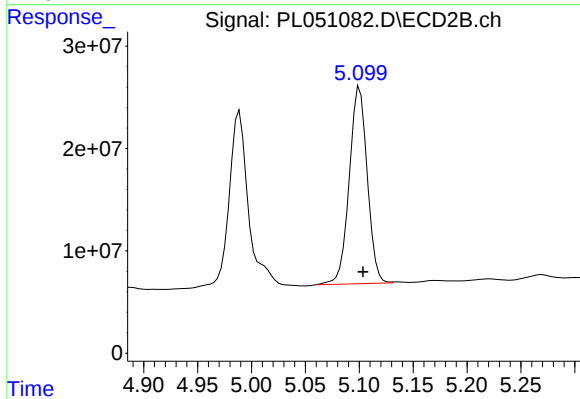
#3 gamma-BHC (Lindane)

R.T.: 4.599 min
Delta R.T.: -0.003 min
Response: 228241584
Conc: 58.93 ng/ml



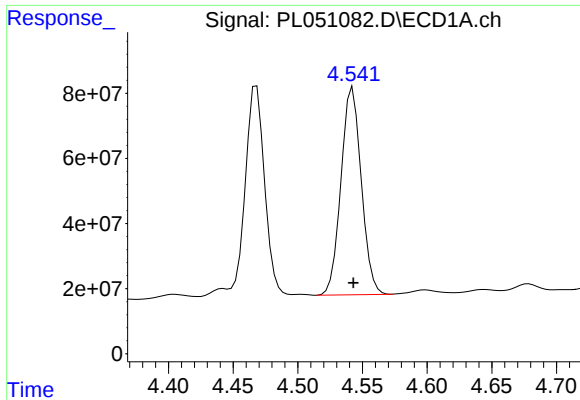
#4 Heptachlor

R.T.: 4.304 min
Delta R.T.: 0.000 min
Response: 757317402
Conc: 46.16 ng/ml



#4 Heptachlor

R.T.: 5.100 min
Delta R.T.: -0.003 min
Response: 224219238
Conc: 54.07 ng/ml



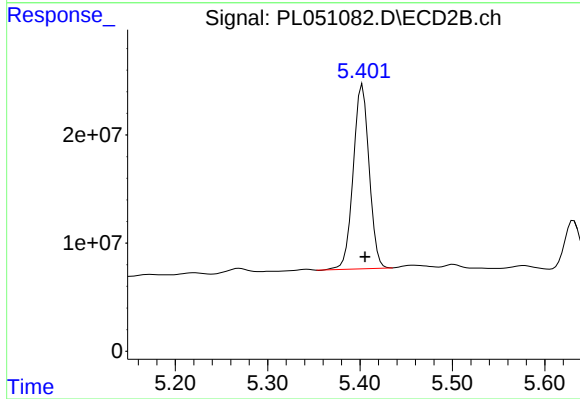
#5 Aldrin

R.T.: 4.542 min
Delta R.T.: 0.000 min
Response: 693784130
Conc: 44.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200035MS

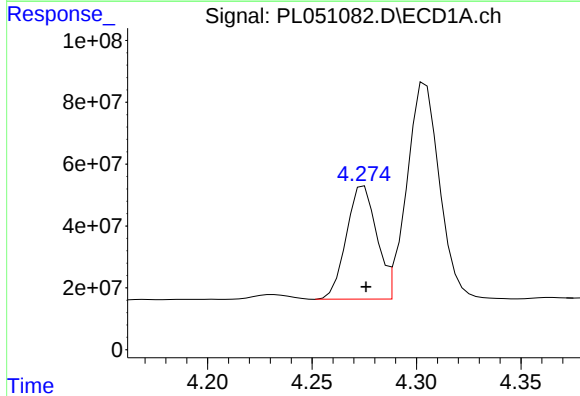
Manual Integrations
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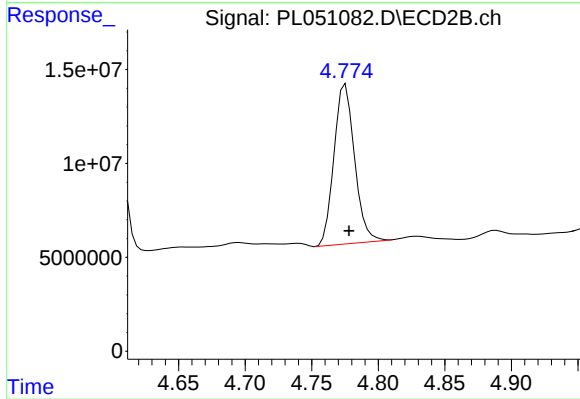
#5 Aldrin

R.T.: 5.403 min
Delta R.T.: -0.003 min
Response: 203523389
Conc: 54.01 ng/ml



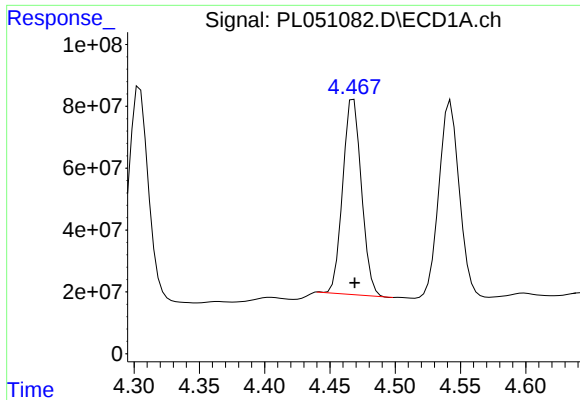
#6 beta-BHC

R.T.: 4.275 min
Delta R.T.: 0.000 min
Response: 368004987
Conc: 56.13 ng/ml



#6 beta-BHC

R.T.: 4.775 min
Delta R.T.: -0.003 min
Response: 92424145
Conc: 53.46 ng/ml



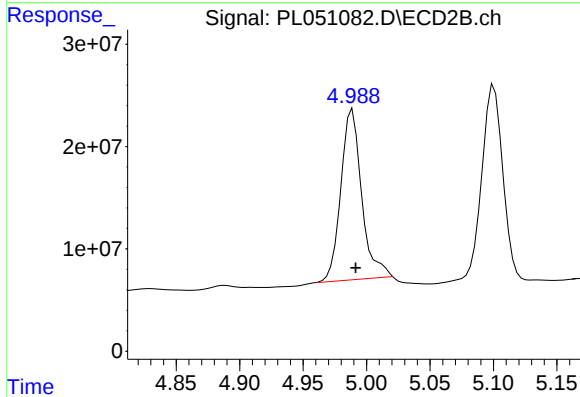
#7 delta-BHC

R.T.: 4.468 min
Delta R.T.: 0.000 min
Response: 631895991
Conc: 38.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200035MS

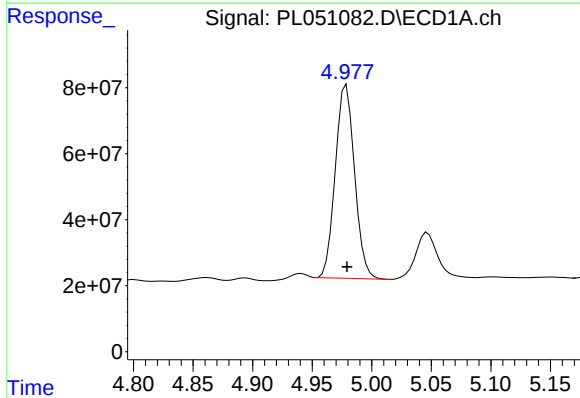
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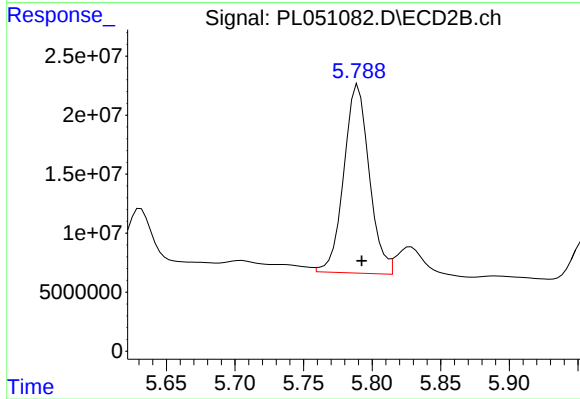
#7 delta-BHC

R.T.: 4.989 min
Delta R.T.: -0.003 min
Response: 191039697
Conc: 49.39 ng/ml



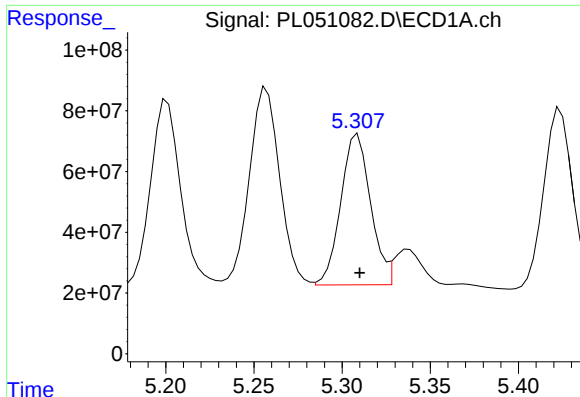
#8 Heptachlor epoxide

R.T.: 4.979 min
Delta R.T.: 0.000 min
Response: 659261656
Conc: 44.62 ng/ml



#8 Heptachlor epoxide

R.T.: 5.790 min
Delta R.T.: -0.003 min
Response: 205974671
Conc: 53.85 ng/ml



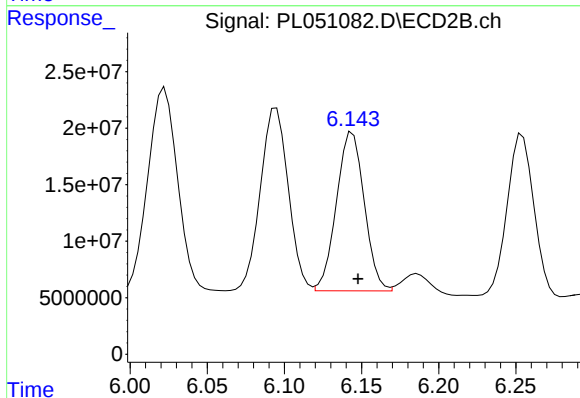
#9 Endosulfan I

R.T.: 5.309 min
Delta R.T.: -0.001 min
Response: 583594273
Conc: 40.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200035MS

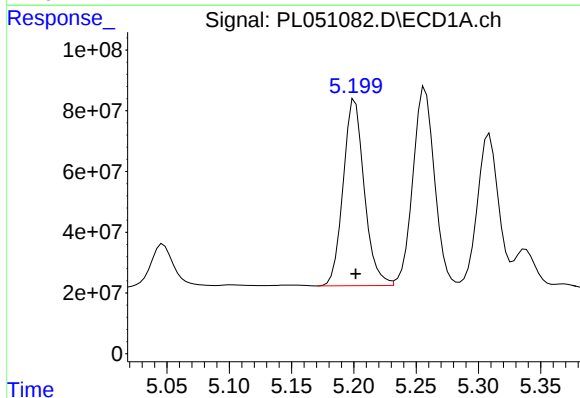
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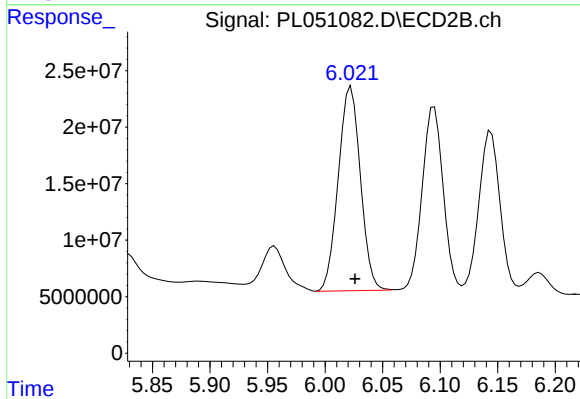
#9 Endosulfan I

R.T.: 6.144 min
Delta R.T.: -0.004 min
Response: 176343942
Conc: 51.28 ng/ml



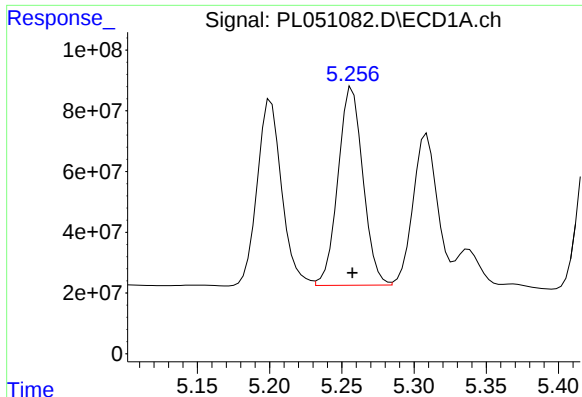
#10 gamma-Chlordane

R.T.: 5.201 min
Delta R.T.: 0.000 min
Response: 726030939
Conc: 46.00 ng/ml



#10 gamma-Chlordane

R.T.: 6.021 min
Delta R.T.: -0.005 min
Response: 242376750
Conc: 65.59 ng/ml m



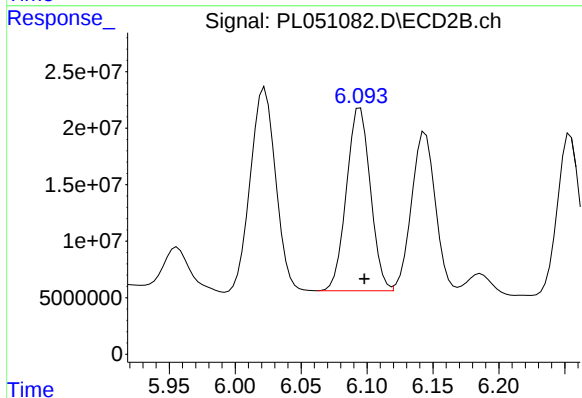
#11 alpha-Chlordane

R.T.: 5.257 min
Delta R.T.: 0.000 min
Response: 783706176
Conc: 51.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200035MS

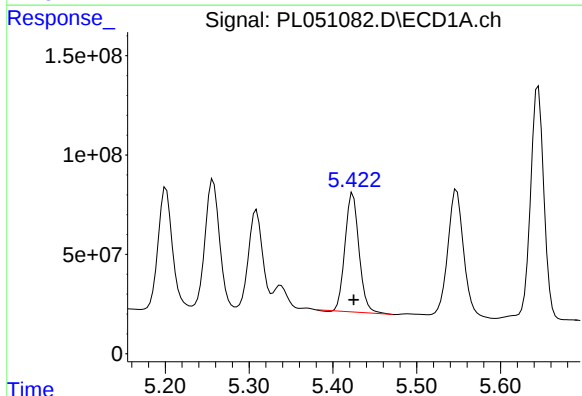
Manual Integrations
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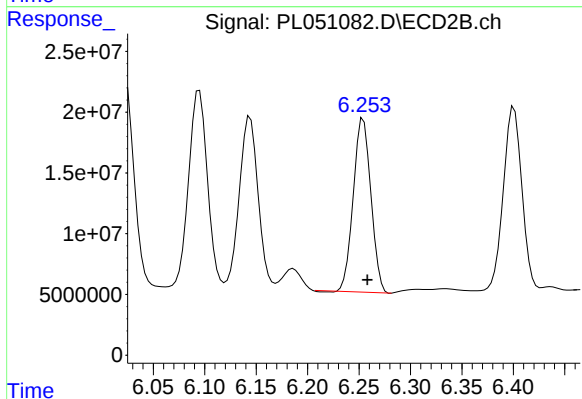
#11 alpha-Chlordane

R.T.: 6.095 min
Delta R.T.: -0.003 min
Response: 204321028
Conc: 55.75 ng/ml



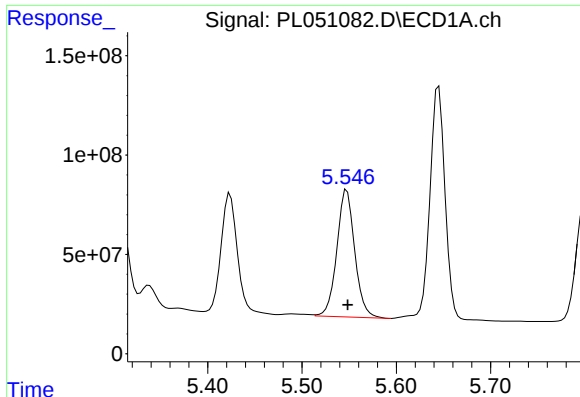
#12 4,4'-DDE

R.T.: 5.424 min
Delta R.T.: -0.001 min
Response: 695867673
Conc: 46.43 ng/ml



#12 4,4'-DDE

R.T.: 6.254 min
Delta R.T.: -0.004 min
Response: 170631871
Conc: 47.35 ng/ml



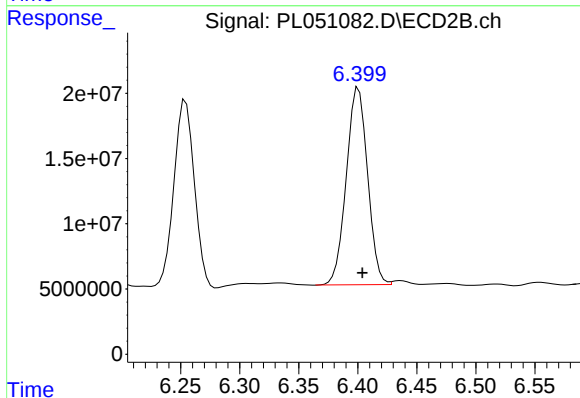
#13 Dieldrin

R.T.: 5.548 min
Delta R.T.: 0.000 min
Response: 844259043
Conc: 54.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200035MS

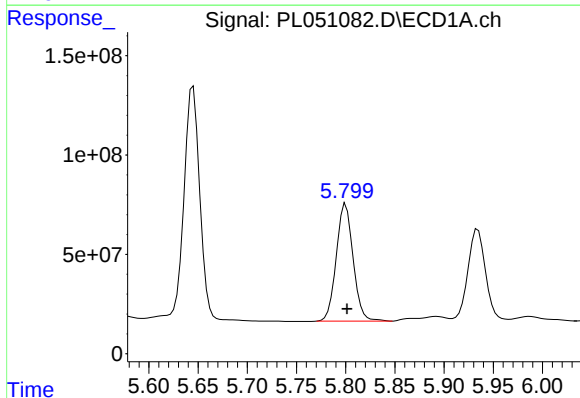
Manual Integrations
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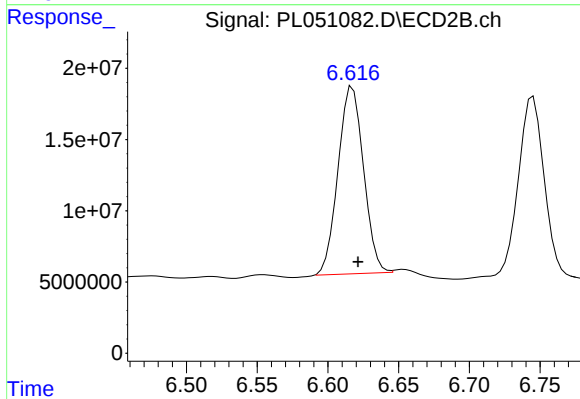
#13 Dieldrin

R.T.: 6.401 min
Delta R.T.: -0.003 min
Response: 189999569
Conc: 53.65 ng/ml



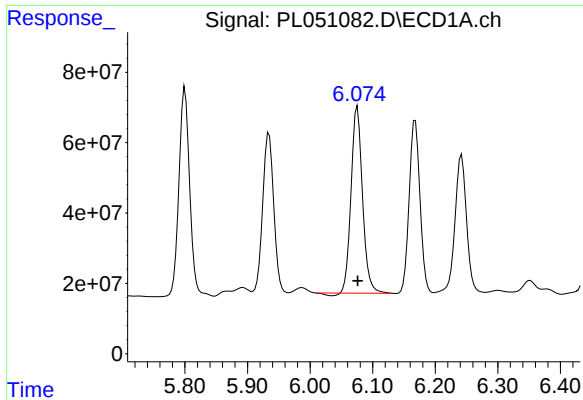
#14 Endrin

R.T.: 5.800 min
Delta R.T.: -0.001 min
Response: 705928547
Conc: 47.96 ng/ml



#14 Endrin

R.T.: 6.617 min
Delta R.T.: -0.004 min
Response: 165303619
Conc: 53.30 ng/ml



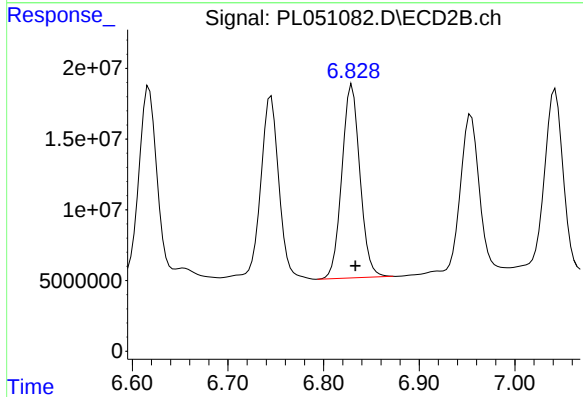
#15 Endosulfan II

R.T.: 6.076 min
Delta R.T.: 0.000 min
Response: 670277826
Conc: 47.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200035MS

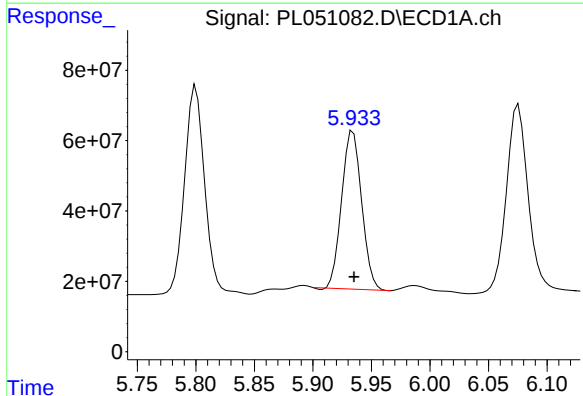
Manual Integrations
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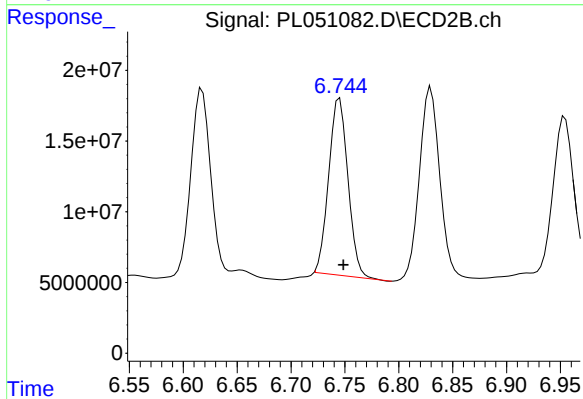
#15 Endosulfan II

R.T.: 6.830 min
Delta R.T.: -0.003 min
Response: 179475063
Conc: 56.45 ng/ml



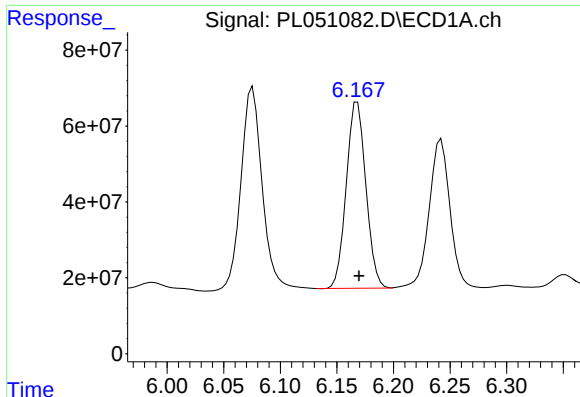
#16 4,4'-DDD

R.T.: 5.934 min
Delta R.T.: -0.001 min
Response: 534298418
Conc: 44.58 ng/ml



#16 4,4'-DDD

R.T.: 6.745 min
Delta R.T.: -0.004 min
Response: 155411702
Conc: 58.36 ng/ml



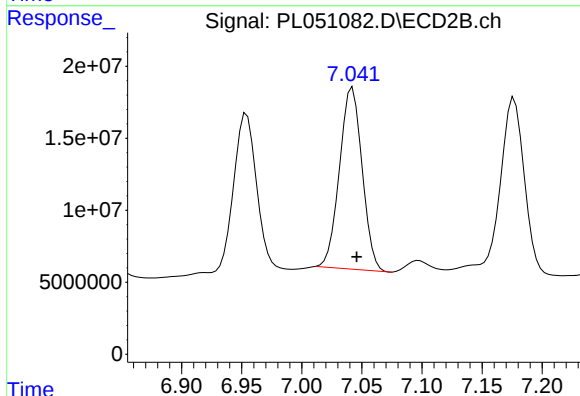
#17 4,4'-DDT

R.T.: 6.168 min
Delta R.T.: -0.002 min
Response: 591201755
Conc: 47.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200035MS

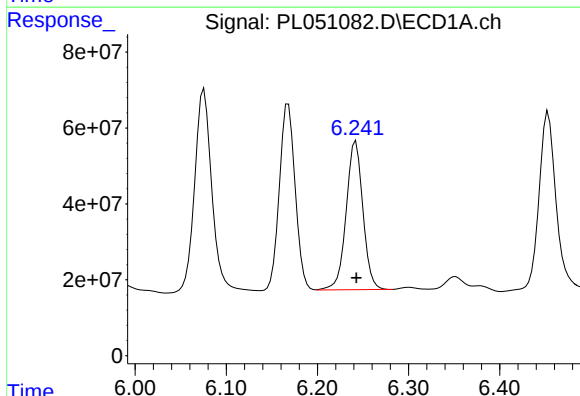
Manual Integrations
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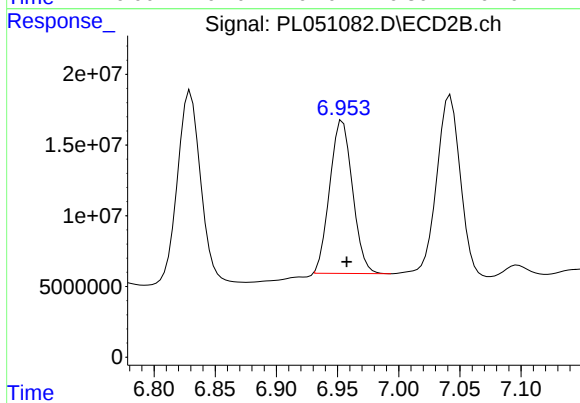
#17 4,4'-DDT

R.T.: 7.042 min
Delta R.T.: -0.003 min
Response: 165721996
Conc: 61.39 ng/ml



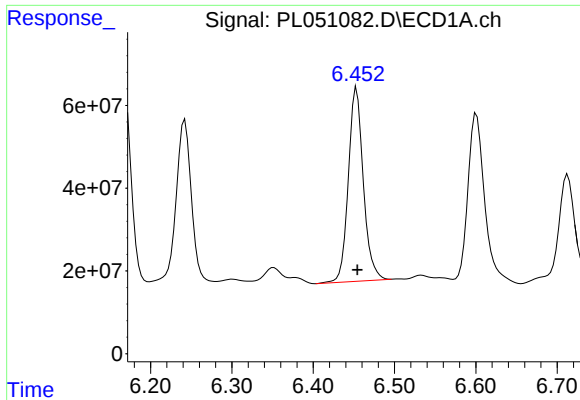
#18 Endrin aldehyde

R.T.: 6.242 min
Delta R.T.: 0.000 min
Response: 499453899
Conc: 43.29 ng/ml



#18 Endrin aldehyde

R.T.: 6.954 min
Delta R.T.: -0.003 min
Response: 140057608
Conc: 51.54 ng/ml



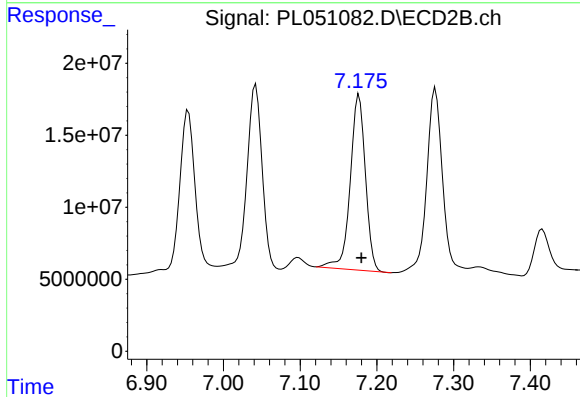
#19 Endosulfan Sulfate

R.T.: 6.453 min
Delta R.T.: 0.000 min
Response: 596190383
Conc: 46.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200035MS

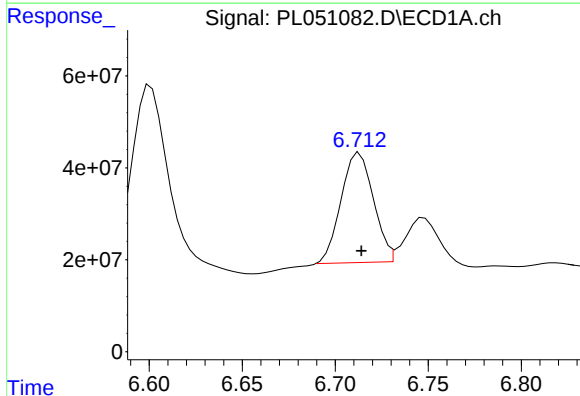
Manual Integrations
APPROVED

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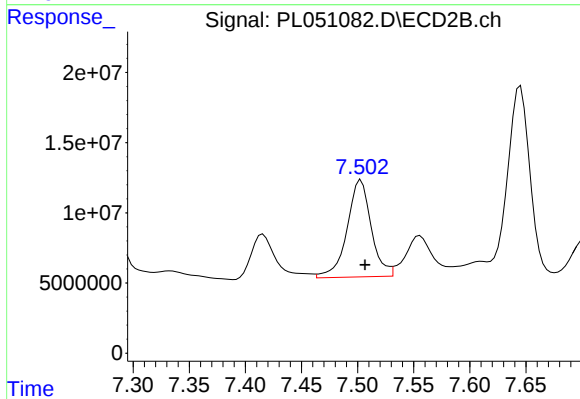
#19 Endosulfan Sulfate

R.T.: 7.177 min
Delta R.T.: -0.003 min
Response: 168783759
Conc: 58.44 ng/ml



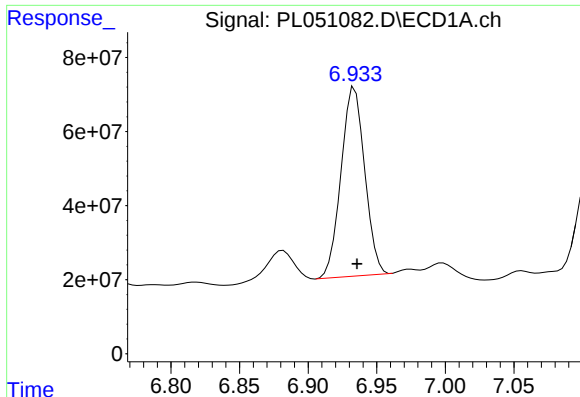
#20 Methoxychlor

R.T.: 6.712 min
Delta R.T.: -0.002 min
Response: 288318320
Conc: 46.21 ng/ml m



#20 Methoxychlor

R.T.: 7.503 min
Delta R.T.: -0.004 min
Response: 103424199
Conc: 70.49 ng/ml



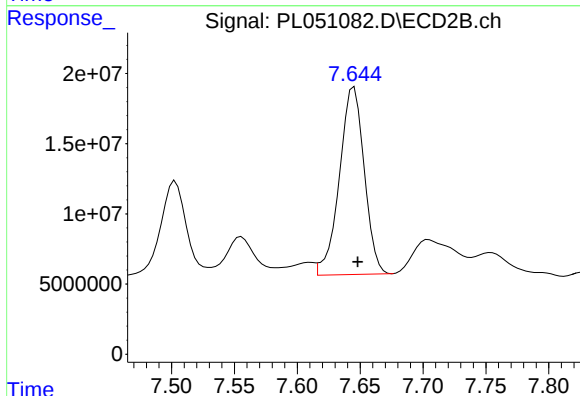
#21 Endrin ketone

R.T.: 6.934 min
Delta R.T.: -0.002 min
Response: 613285647
Conc: 44.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200035MS

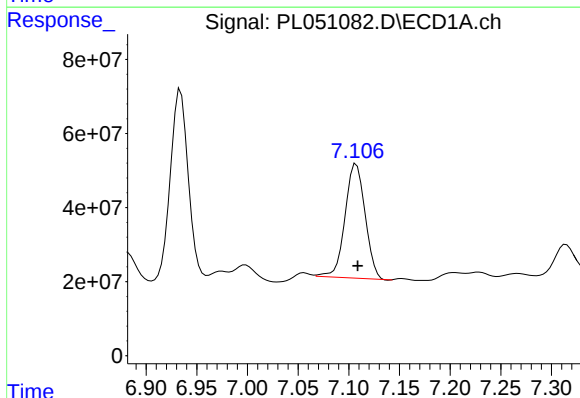
Manual Integrations
APPROVED

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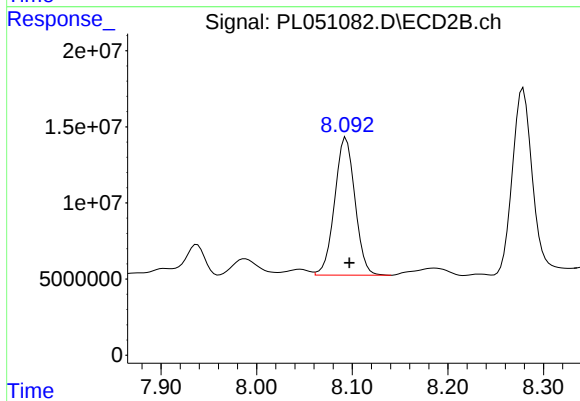
#21 Endrin ketone

R.T.: 7.645 min
Delta R.T.: -0.003 min
Response: 183670467
Conc: 63.53 ng/ml



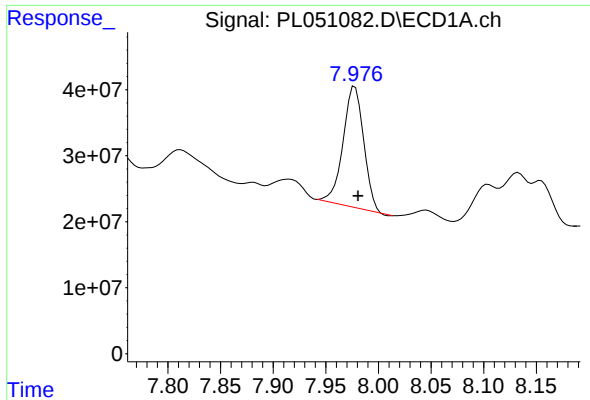
#22 Mirex

R.T.: 7.107 min
Delta R.T.: -0.002 min
Response: 424387560
Conc: 43.29 ng/ml



#22 Mirex

R.T.: 8.093 min
Delta R.T.: -0.004 min
Response: 133580547
Conc: 58.15 ng/ml



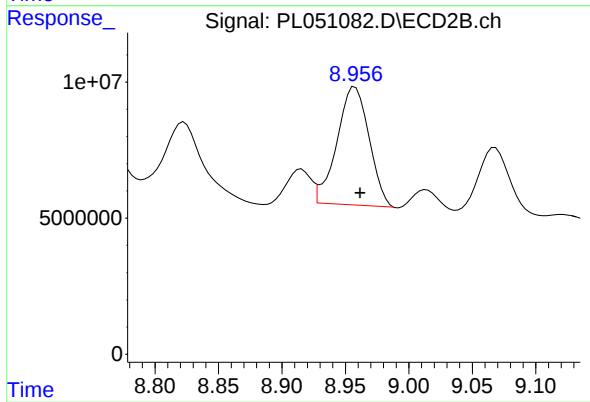
#28 Decachlorobiphenyl

R.T.: 7.978 min
Delta R.T.: -0.003 min
Response: 251537474
Conc: 24.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200035MS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 8.956 min
Delta R.T.: -0.005 min
Response: 75926043
Conc: 26.85 ng/ml m