

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080519\
 Data File : PL051083.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Aug 2019 05:10
 Operator : SM\AJ
 Sample : K4156-13MSD
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 RBR-200035MSD

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 06 05:48:10 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	204.5E6	50917664	20.354	17.846
2)	SA Decachlor...	7.978	8.956	239.5E6	71861574	23.654	25.412m
Target Compounds							
2)	A alpha-BHC	3.745	4.316	729.3E6	222.2E6	43.519	53.857
3)	MA gamma-BHC...	4.021	4.599	725.9E6	219.0E6	47.191	56.533
4)	MA Heptachlor	4.305	5.101	730.5E6	216.0E6	44.522	52.081
5)	MB Aldrin	4.542	5.403	679.0E6	195.0E6	43.830	51.754
6)	B beta-BHC	4.275	4.776	356.1E6	89055810	54.321	51.511
7)	B delta-BHC	4.468	4.989	605.7E6	181.5E6	36.911	46.937 #
8)	B Heptachlo...	4.979	5.790	636.7E6	198.0E6	43.100	51.755
9)	A Endosulfan I	5.309	6.144	566.1E6	168.3E6	38.924	48.939 #
10)	B gamma-Chl...	5.201	6.021	708.9E6	231.7E6	44.912	62.693m#
11)	B alpha-Chl...	5.257	6.094	763.1E6	195.1E6	50.022	53.233
12)	B 4,4'-DDE	5.424	6.254	678.0E6	162.0E6	45.245	44.963
13)	MA Dieldrin	5.547	6.401	814.5E6	179.9E6	52.558	50.799
14)	MA Endrin	5.800	6.618	677.3E6	156.6E6	46.011	50.499
15)	B Endosulfa...	6.075	6.830	642.9E6	170.0E6	45.937	53.464
16)	A 4,4'-DDD	5.934	6.745	515.2E6	149.7E6	42.992	56.228 #
17)	MA 4,4'-DDT	6.168	7.042	563.9E6	154.6E6	45.526	57.264 #
18)	B Endrin al...	6.242	6.954	471.9E6	131.0E6	40.906	48.202
19)	B Endosulfa...	6.453	7.177	569.7E6	153.8E6	44.722	53.244
20)	A Methoxychlor	6.711	7.502	300.5E6	96617328	48.172m	65.848 #
21)	B Endrin ke...	6.934	7.645	578.3E6	172.5E6	42.283	59.668 #
22)	Mirex	7.107	8.093	408.6E6	129.0E6	41.672	56.171 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL080519\
Data File : PL051083.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Aug 2019 05:10
Operator : SM\AJ
Sample : K4156-13MSD
Misc :
ALS Vial : 65 Sample Multiplier: 1

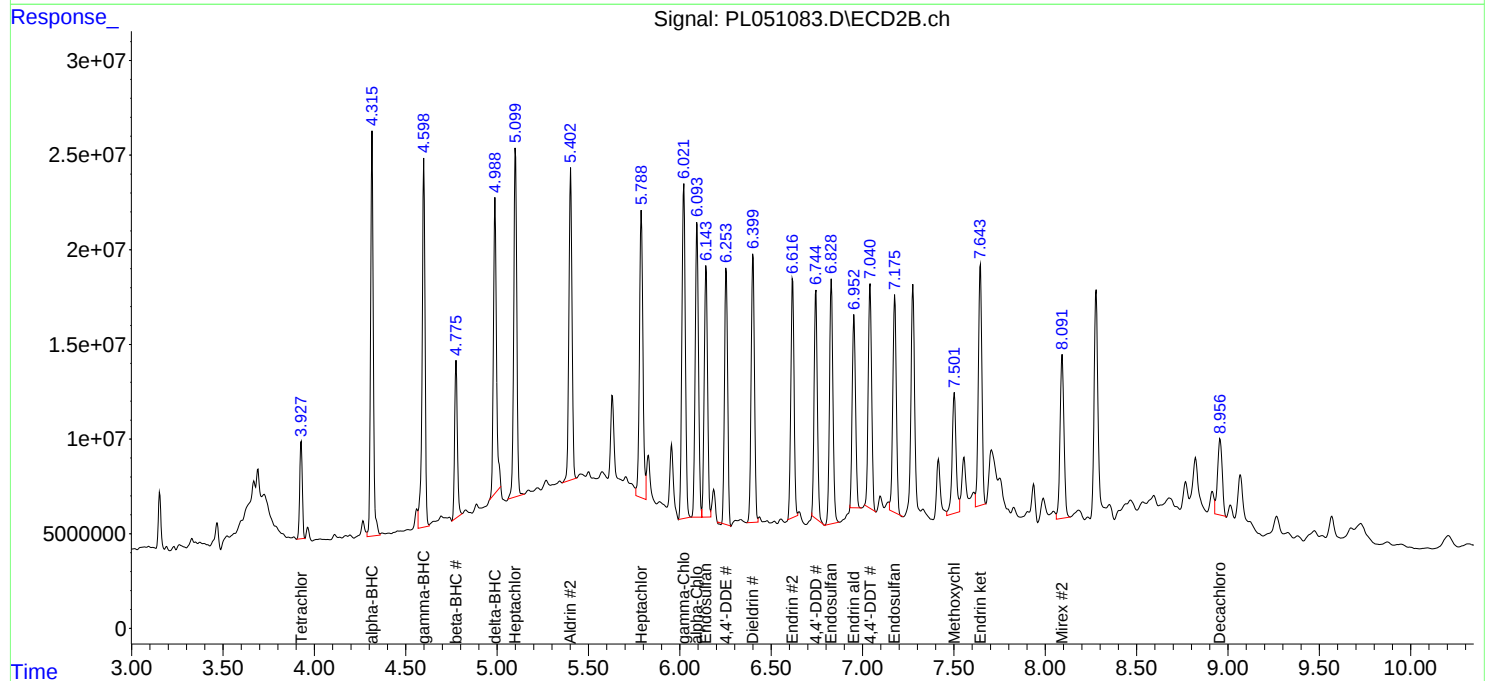
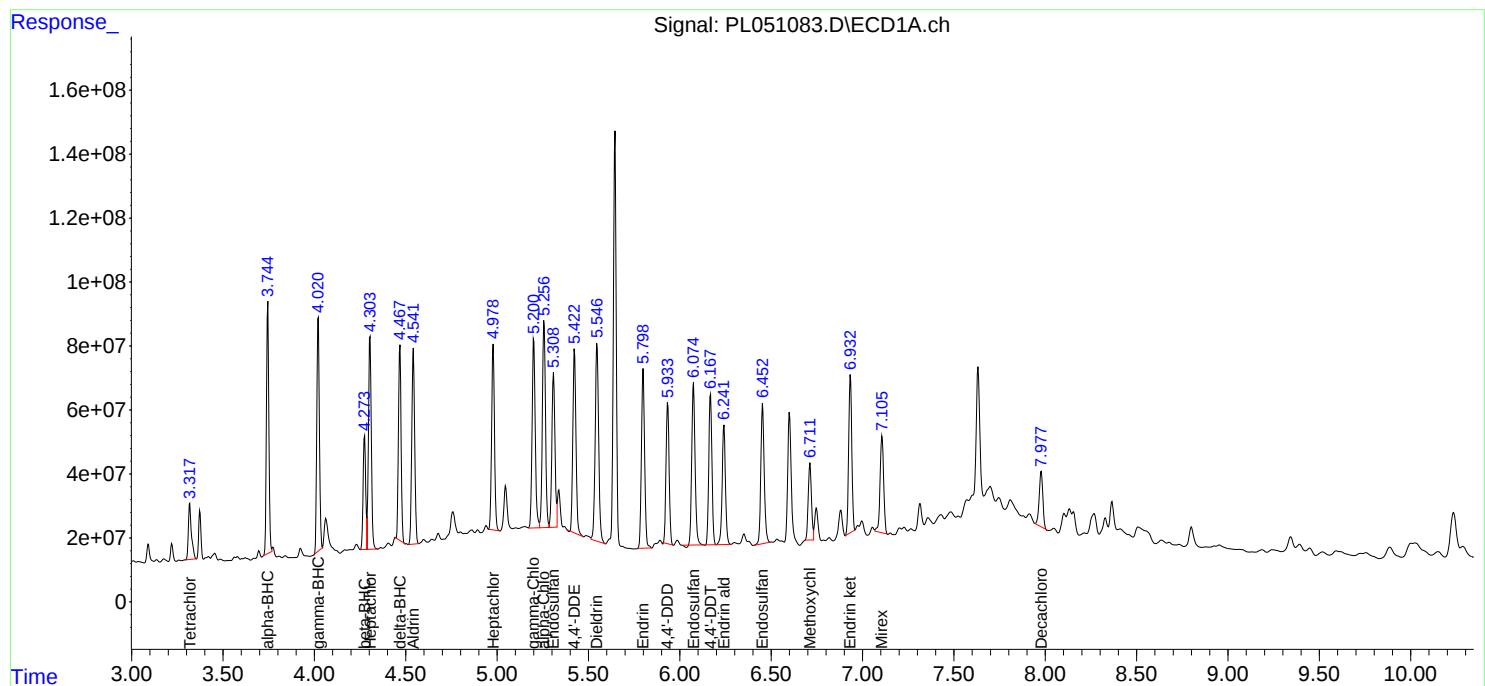
Instrument :
ECD_L
ClientSampleId :
RBR-200035MSD

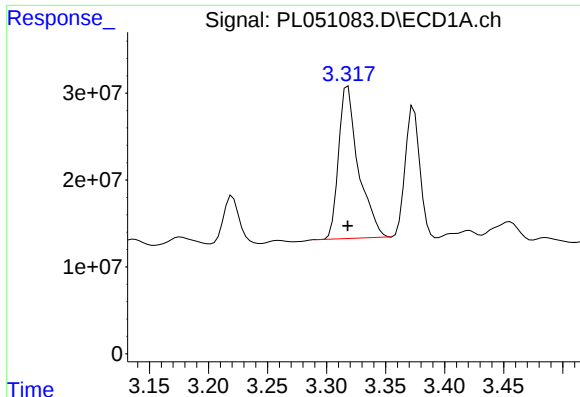
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 06 05:48:10 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071719.M
Quant Title : GC Extractables
QLast Update : Fri Jul 19 01:19:13 2019
Response 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





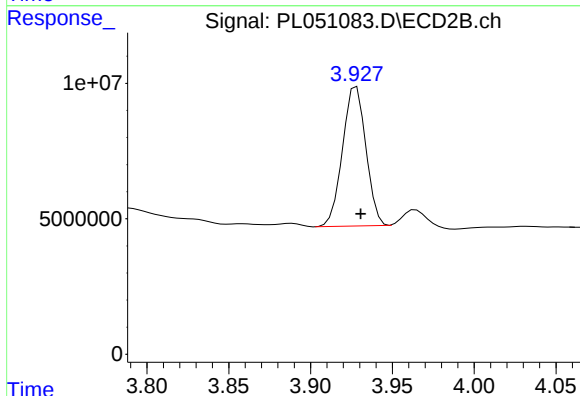
#1 Tetrachloro-m-xylene

R.T.: 3.318 min
Delta R.T.: 0.000 min
Response: 204510546
Conc: 20.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200035MSD

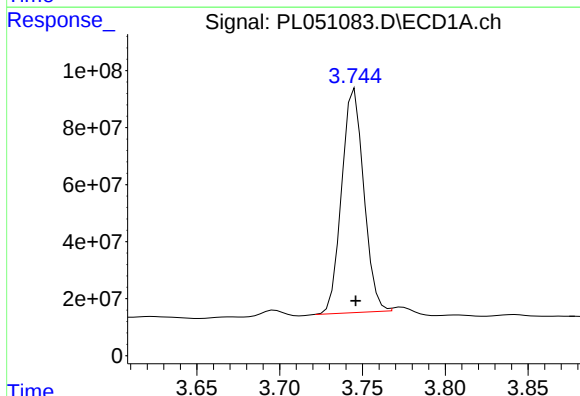
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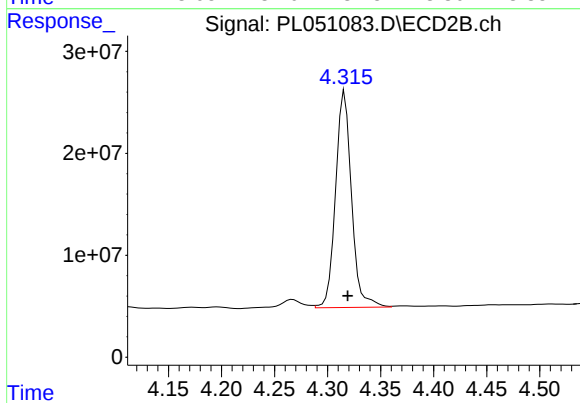
#1 Tetrachloro-m-xylene

R.T.: 3.928 min
Delta R.T.: -0.003 min
Response: 50917664
Conc: 17.85 ng/ml



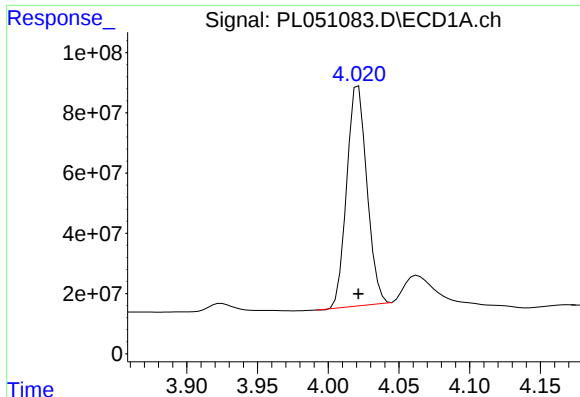
#2 alpha-BHC

R.T.: 3.745 min
Delta R.T.: 0.000 min
Response: 729276458
Conc: 43.52 ng/ml



#2 alpha-BHC

R.T.: 4.316 min
Delta R.T.: -0.003 min
Response: 222213413
Conc: 53.86 ng/ml



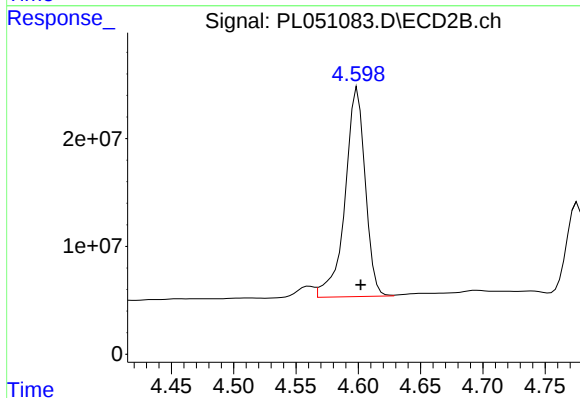
#3 gamma-BHC (Lindane)

R.T.: 4.021 min
Delta R.T.: 0.000 min
Response: 725873033
Conc: 47.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200035MSD

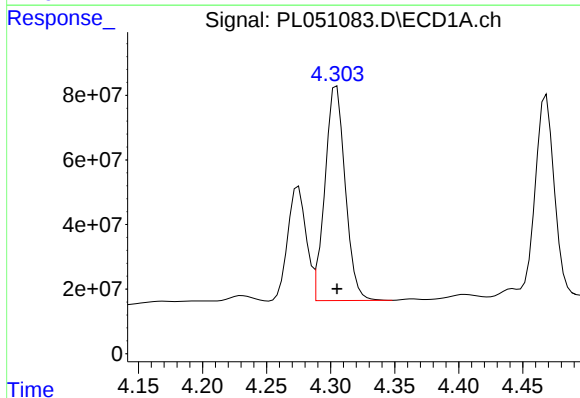
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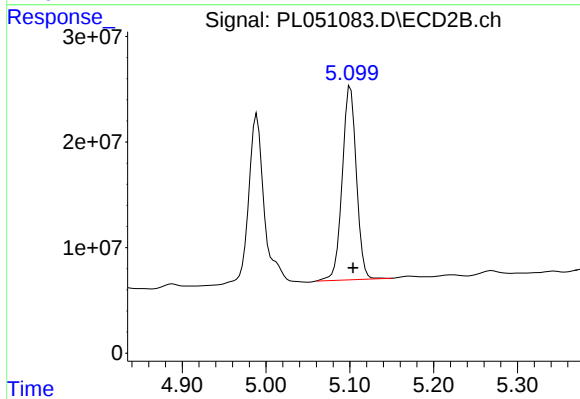
#3 gamma-BHC (Lindane)

R.T.: 4.599 min
Delta R.T.: -0.002 min
Response: 218961884
Conc: 56.53 ng/ml



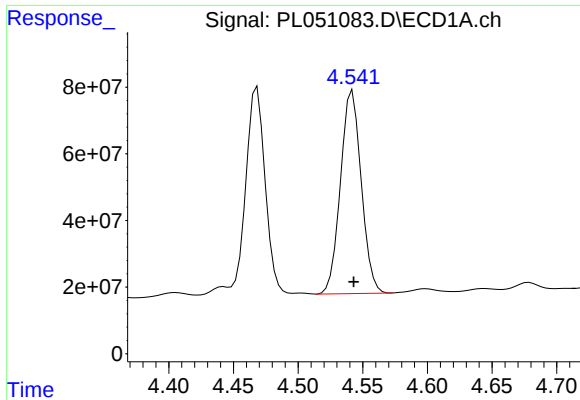
#4 Heptachlor

R.T.: 4.305 min
Delta R.T.: 0.000 min
Response: 730513590
Conc: 44.52 ng/ml



#4 Heptachlor

R.T.: 5.101 min
Delta R.T.: -0.003 min
Response: 215964368
Conc: 52.08 ng/ml



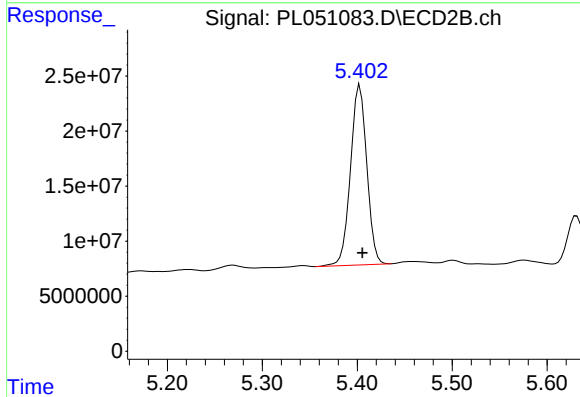
#5 Aldrin

R.T.: 4.542 min
Delta R.T.: -0.001 min
Response: 678990313
Conc: 43.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200035MSD

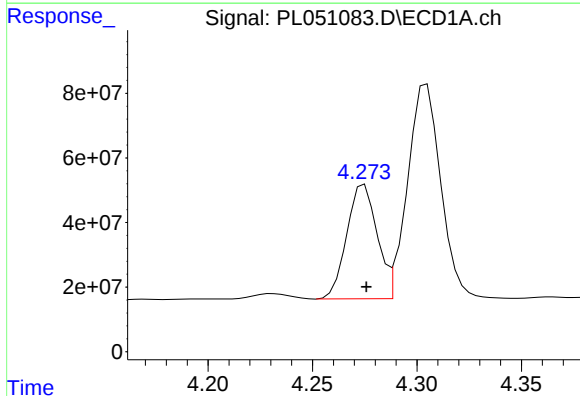
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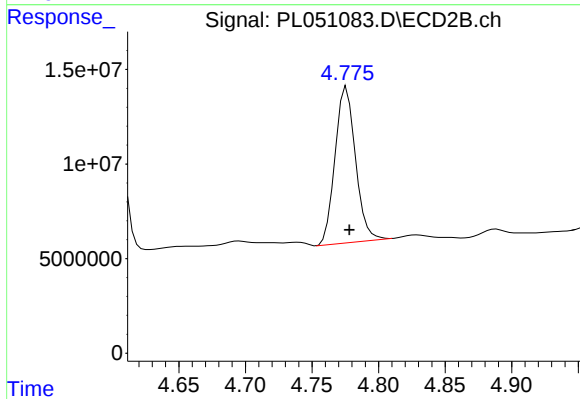
#5 Aldrin

R.T.: 5.403 min
Delta R.T.: -0.003 min
Response: 195025214
Conc: 51.75 ng/ml



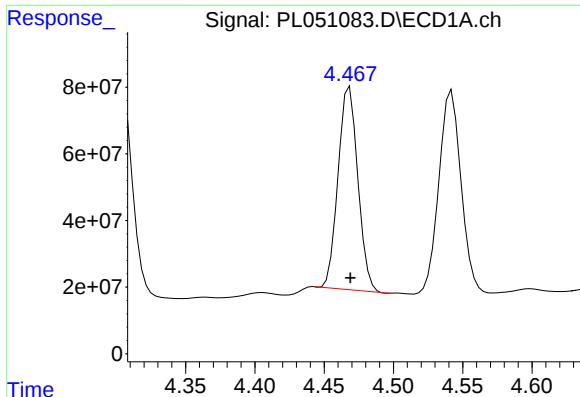
#6 beta-BHC

R.T.: 4.275 min
Delta R.T.: 0.000 min
Response: 356122096
Conc: 54.32 ng/ml



#6 beta-BHC

R.T.: 4.776 min
Delta R.T.: -0.002 min
Response: 89055810
Conc: 51.51 ng/ml



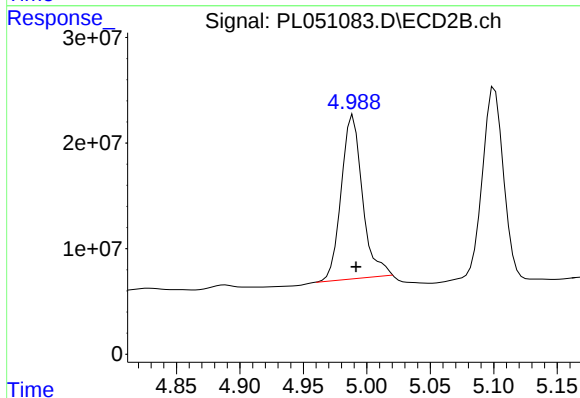
#7 delta-BHC

R.T.: 4.468 min
Delta R.T.: 0.000 min
Response: 605657771
Conc: 36.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200035MSD

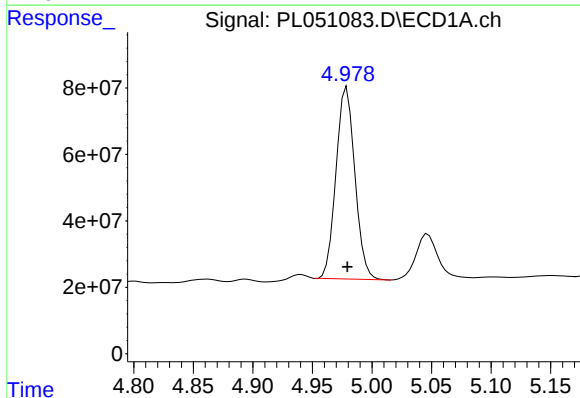
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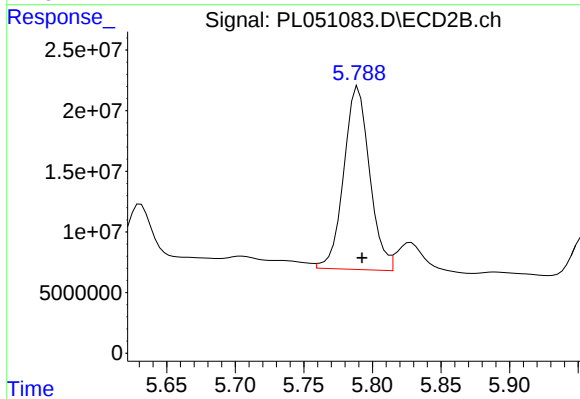
#7 delta-BHC

R.T.: 4.989 min
Delta R.T.: -0.002 min
Response: 181534187
Conc: 46.94 ng/ml



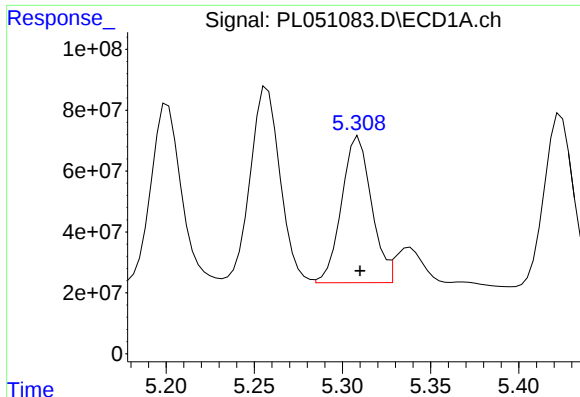
#8 Heptachlor epoxide

R.T.: 4.979 min
Delta R.T.: 0.000 min
Response: 636749937
Conc: 43.10 ng/ml



#8 Heptachlor epoxide

R.T.: 5.790 min
Delta R.T.: -0.003 min
Response: 197954875
Conc: 51.76 ng/ml



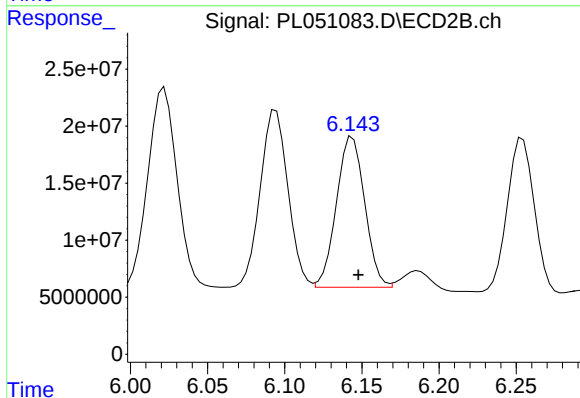
#9 Endosulfan I

R.T.: 5.309 min
Delta R.T.: 0.000 min
Response: 566109944
Conc: 38.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200035MSD

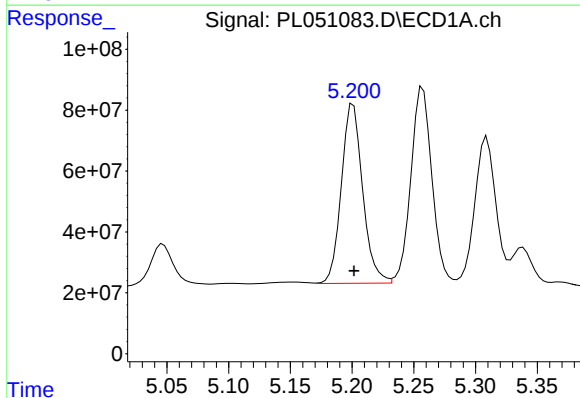
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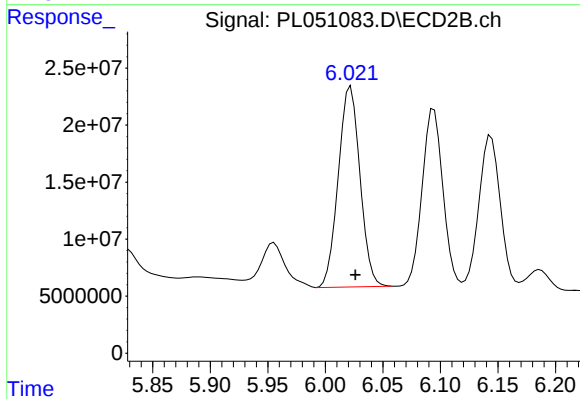
#9 Endosulfan I

R.T.: 6.144 min
Delta R.T.: -0.004 min
Response: 168295103
Conc: 48.94 ng/ml



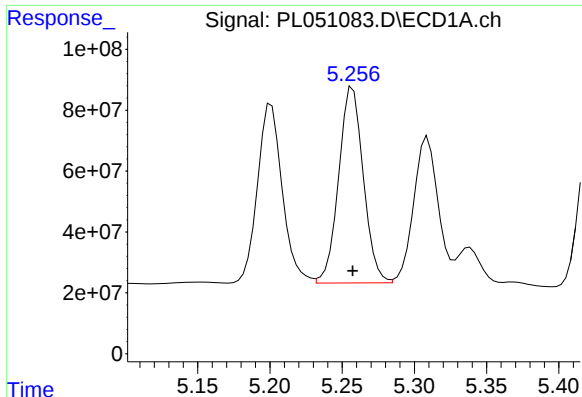
#10 gamma-Chlordane

R.T.: 5.201 min
Delta R.T.: 0.000 min
Response: 708858742
Conc: 44.91 ng/ml



#10 gamma-Chlordane

R.T.: 6.021 min
Delta R.T.: -0.005 min
Response: 231668830
Conc: 62.69 ng/ml m



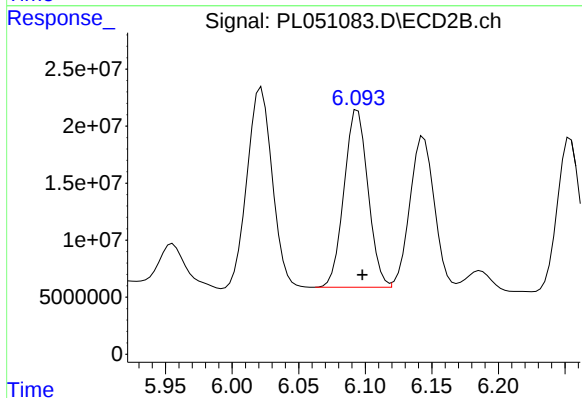
#11 alpha-Chlordane

R.T.: 5.257 min
Delta R.T.: 0.000 min
Response: 763136974
Conc: 50.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200035MSD

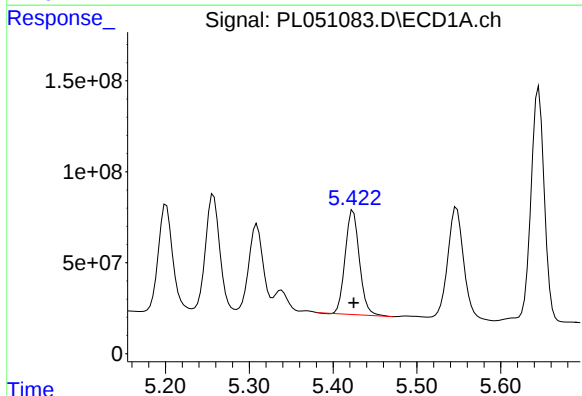
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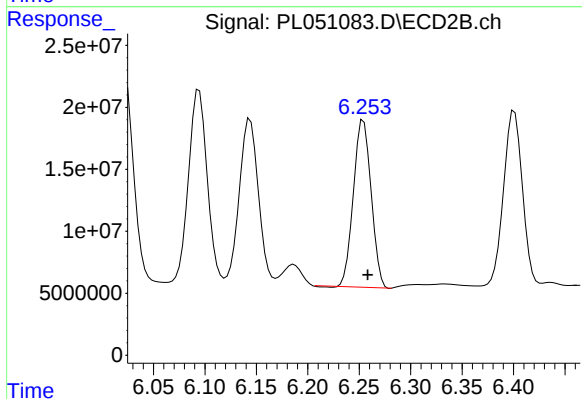
#11 alpha-Chlordane

R.T.: 6.094 min
Delta R.T.: -0.004 min
Response: 195108360
Conc: 53.23 ng/ml



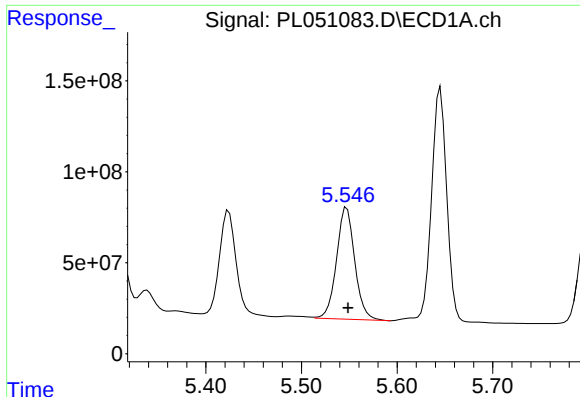
#12 4,4'-DDE

R.T.: 5.424 min
Delta R.T.: 0.000 min
Response: 678032089
Conc: 45.24 ng/ml



#12 4,4'-DDE

R.T.: 6.254 min
Delta R.T.: -0.004 min
Response: 162018818
Conc: 44.96 ng/ml



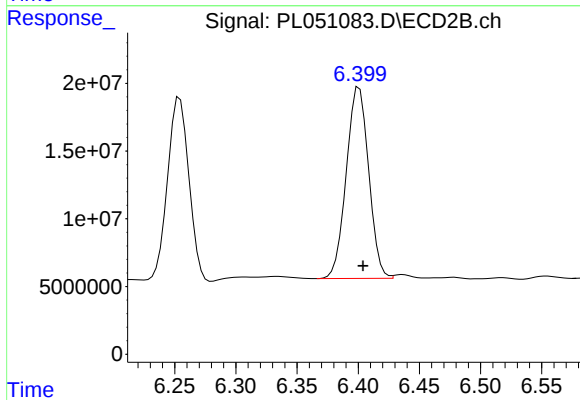
#13 Dieldrin

R.T.: 5.547 min
Delta R.T.: -0.001 min
Response: 814480026
Conc: 52.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200035MSD

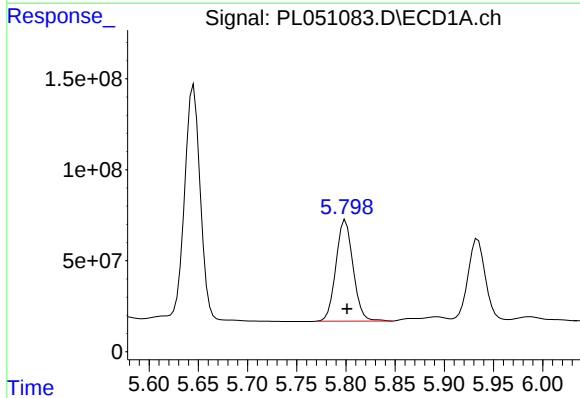
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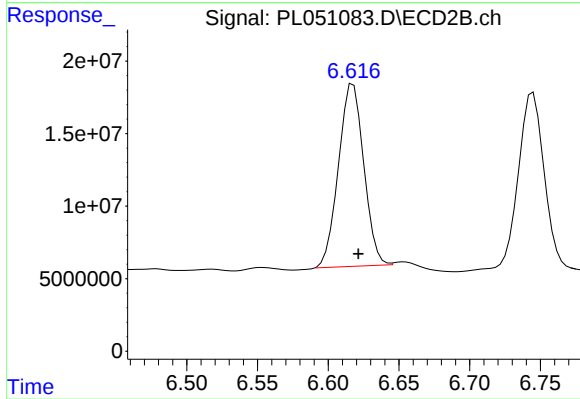
#13 Dieldrin

R.T.: 6.401 min
Delta R.T.: -0.003 min
Response: 179886643
Conc: 50.80 ng/ml



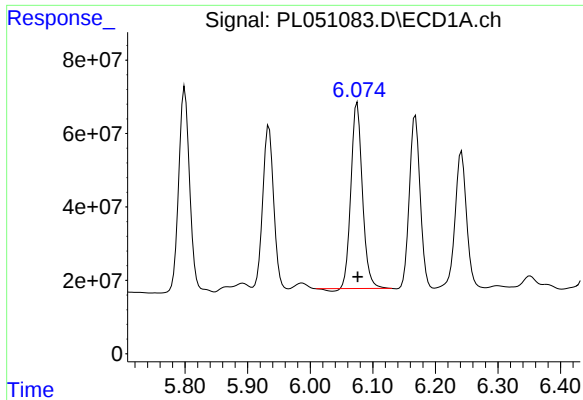
#14 Endrin

R.T.: 5.800 min
Delta R.T.: -0.002 min
Response: 677300548
Conc: 46.01 ng/ml



#14 Endrin

R.T.: 6.618 min
Delta R.T.: -0.004 min
Response: 156620965
Conc: 50.50 ng/ml



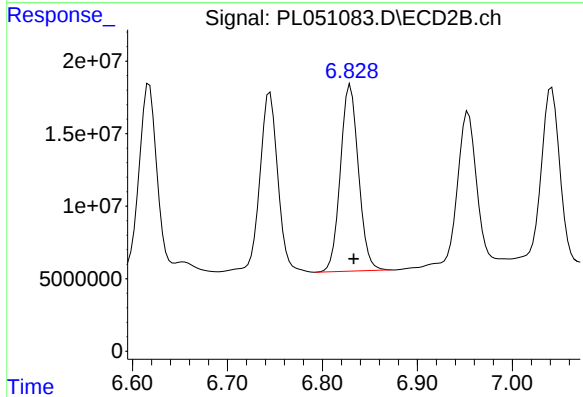
#15 Endosulfan II

R.T.: 6.075 min
Delta R.T.: 0.000 min
Response: 642890297
Conc: 45.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200035MSD

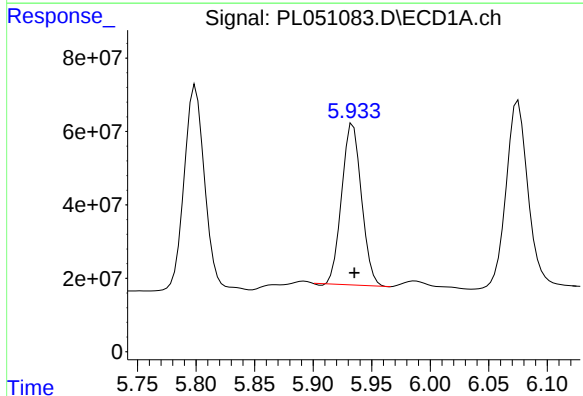
Manual Integrations
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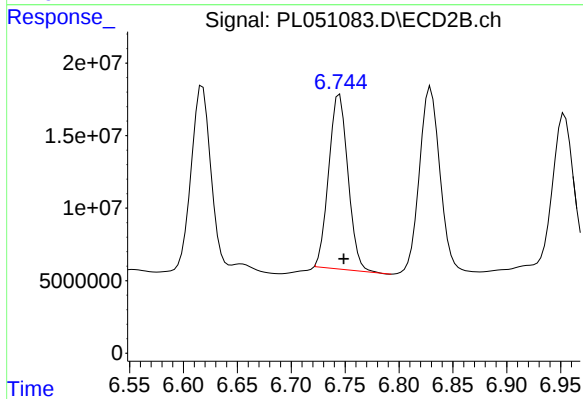
#15 Endosulfan II

R.T.: 6.830 min
Delta R.T.: -0.004 min
Response: 169973107
Conc: 53.46 ng/ml



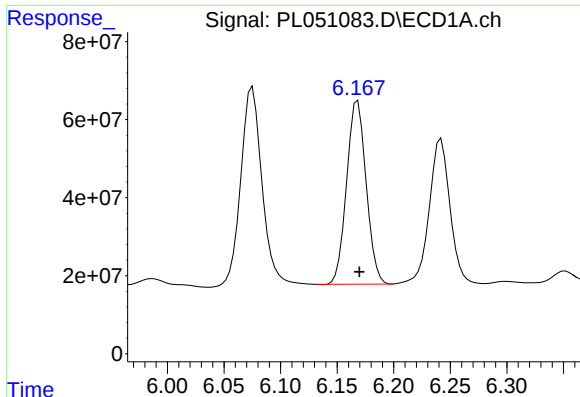
#16 4,4'-DDD

R.T.: 5.934 min
Delta R.T.: -0.001 min
Response: 515214494
Conc: 42.99 ng/ml



#16 4,4'-DDD

R.T.: 6.745 min
Delta R.T.: -0.004 min
Response: 149729829
Conc: 56.23 ng/ml



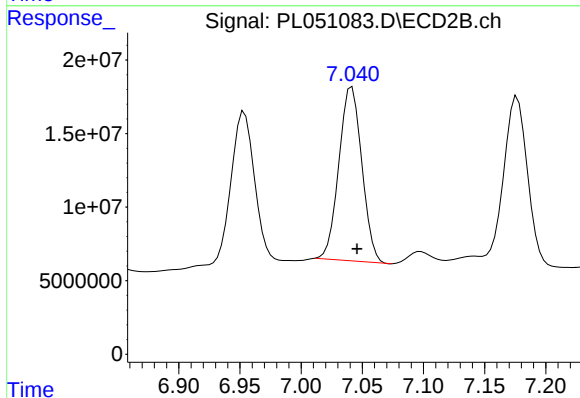
#17 4,4'-DDT

R.T.: 6.168 min
Delta R.T.: -0.001 min
Response: 563876114
Conc: 45.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200035MSD

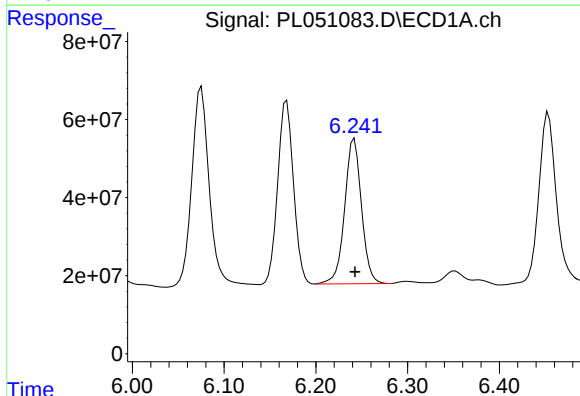
Manual Integrations
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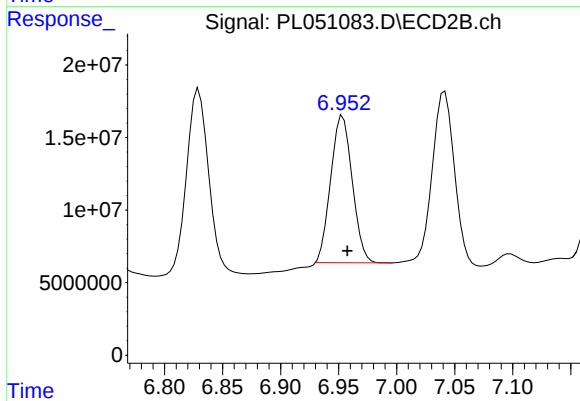
#17 4,4'-DDT

R.T.: 7.042 min
Delta R.T.: -0.004 min
Response: 154590136
Conc: 57.26 ng/ml



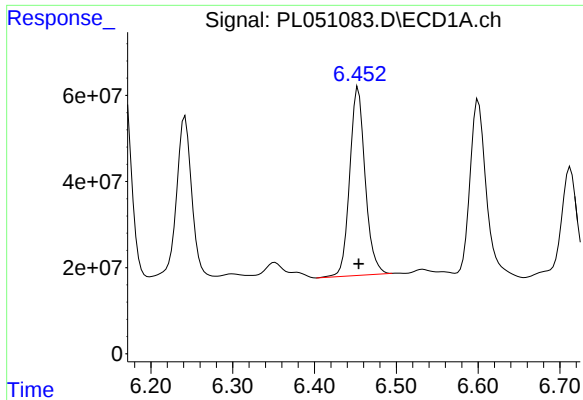
#18 Endrin aldehyde

R.T.: 6.242 min
Delta R.T.: 0.000 min
Response: 471902603
Conc: 40.91 ng/ml



#18 Endrin aldehyde

R.T.: 6.954 min
Delta R.T.: -0.004 min
Response: 130993420
Conc: 48.20 ng/ml



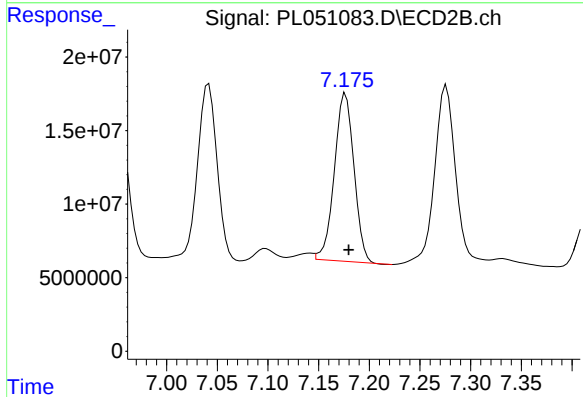
#19 Endosulfan Sulfate

R.T.: 6.453 min
Delta R.T.: 0.000 min
Response: 569737867
Conc: 44.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200035MSD

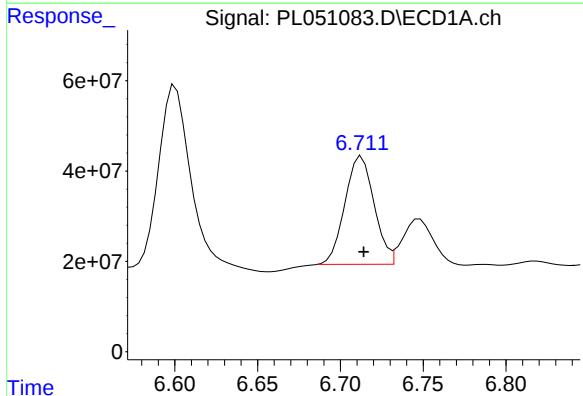
Manual Integrations
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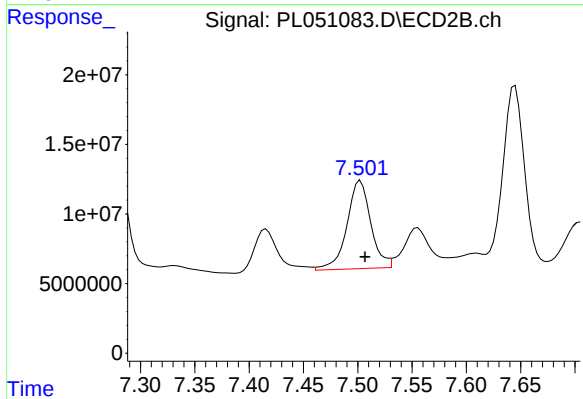
#19 Endosulfan Sulfate

R.T.: 7.177 min
Delta R.T.: -0.003 min
Response: 153780309
Conc: 53.24 ng/ml



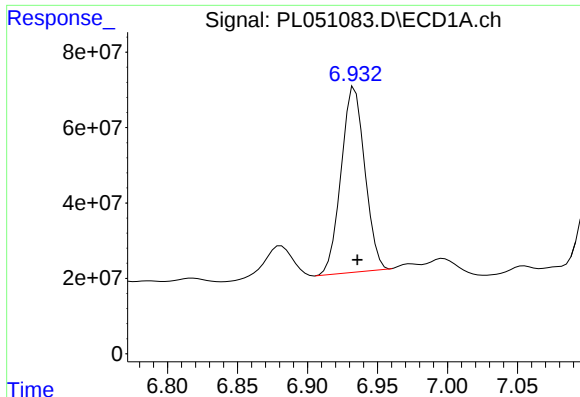
#20 Methoxychlor

R.T.: 6.711 min
Delta R.T.: -0.003 min
Response: 300541543
Conc: 48.17 ng/ml m



#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: -0.004 min
Response: 96617328
Conc: 65.85 ng/ml



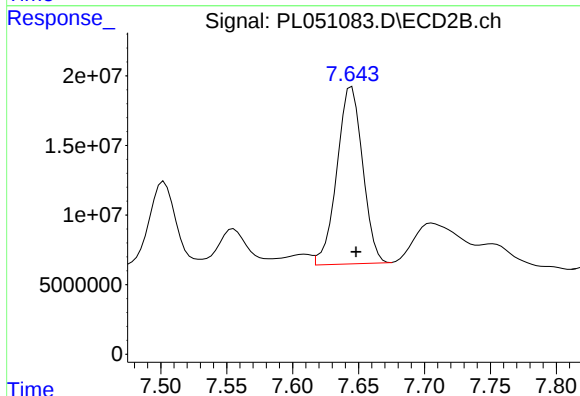
#21 Endrin ketone

R.T.: 6.934 min
Delta R.T.: -0.002 min
Response: 578323021
Conc: 42.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200035MSD

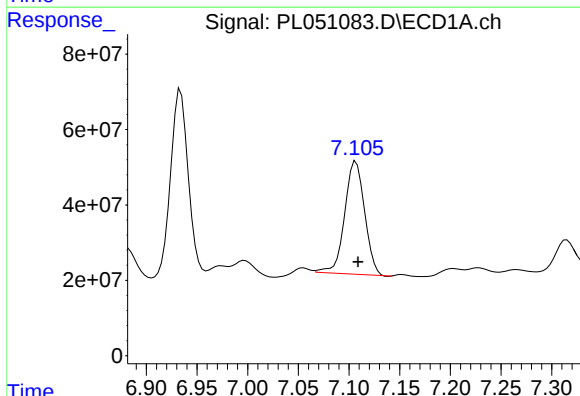
Manual Integrations
APPROVED

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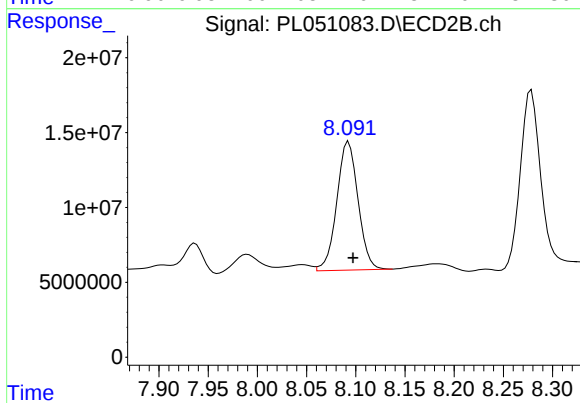
#21 Endrin ketone

R.T.: 7.645 min
Delta R.T.: -0.003 min
Response: 172517903
Conc: 59.67 ng/ml



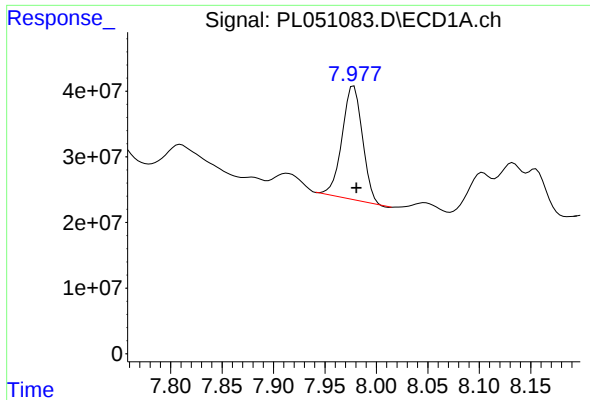
#22 Mirex

R.T.: 7.107 min
Delta R.T.: -0.002 min
Response: 408564855
Conc: 41.67 ng/ml



#22 Mirex

R.T.: 8.093 min
Delta R.T.: -0.005 min
Response: 129024353
Conc: 56.17 ng/ml



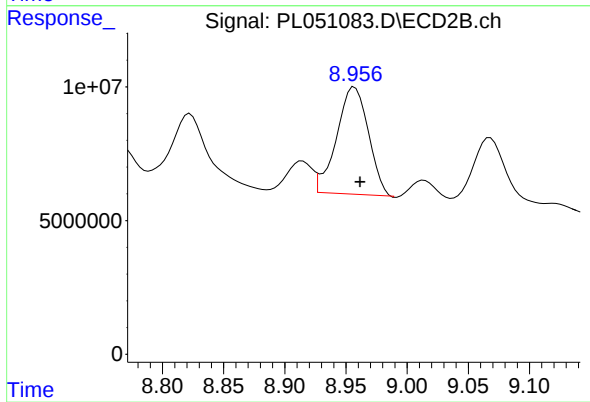
#28 Decachlorobiphenyl

R.T.: 7.978 min
Delta R.T.: -0.003 min
Response: 239505571
Conc: 23.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200035MSD

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 8.956 min
Delta R.T.: -0.006 min
Response: 71861574
Conc: 25.41 ng/ml m