

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL093019\
 Data File : PL052891.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Oct 2019 00:41
 Operator : SG\AJ
 Sample : K5077-05MSD
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PST-024-B275-092519MSD

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 01 01:05:55 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092919.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 30 08:44:08 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...	3.547	4.046	223.2E6	61843527	22.437m	23.031
28)	SA Decachlor...	8.344	9.122	214.3E6	64032728	21.393	21.826
Target Compounds							
2)	A alpha-BHC	3.993	4.437	958.1E6	233.7E6	60.068	60.866
3)	MA gamma-BHC...	4.280	4.723	896.0E6	221.3E6	61.519	61.109
4)	MA Heptachlor	4.589	5.232	919.3E6	230.8E6	61.524	60.555
5)	MB Aldrin	4.841	5.538	883.6E6	218.1E6	64.238	62.935
6)	B beta-BHC	4.530	4.891	371.8E6	99732156	59.890	63.451
7)	B delta-BHC	4.739	5.109	843.3E6	199.1E6	58.851	55.014
8)	B Heptachlo...	5.287	5.923	790.3E6	202.2E6	60.645	60.343
9)	A Endosulfan I	5.630	6.280	732.8E6	190.3E6	60.383	60.885
10)	B gamma-Chl...	5.517	6.157	837.7E6	206.2E6	62.292	60.936
11)	B alpha-Chl...	5.575	6.230	804.4E6	208.1E6	60.991	61.819
12)	B 4,4'-DDE	5.739	6.385	1757.2E6	471.8E6	151.401	144.437
13)	MA Dieldrin	5.875	6.537	811.3E6	202.2E6	62.855	61.973
14)	MA Endrin	6.134	6.755	743.0E6	178.1E6	65.228	64.141
15)	B Endosulfa...	6.407	6.963	680.9E6	172.7E6	59.417	58.208
16)	A 4,4'-DDD	6.257	6.874	575.8E6	159.0E6	64.060	64.836
17)	MA 4,4'-DDT	6.500	7.173	880.0E6	226.4E6	86.166	87.000
18)	B Endrin al...	6.575	7.086	593.5E6	147.8E6	63.202	60.251
19)	B Endosulfa...	6.789	7.309	652.8E6	167.5E6	62.719	61.343
20)	A Methoxychlor	7.047	7.630	309.4E6	89446120	59.988	63.530
21)	B Endrin ke...	7.283	7.780	715.6E6	183.9E6	61.397	64.474
22)	Mirex	7.479	8.235	533.1E6	138.4E6	56.451	61.520

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL093019\
Data File : PL052891.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Oct 2019 00:41
Operator : SG\AJ
Sample : K5077-05MSD
Misc :
ALS Vial : 51 Sample Multiplier: 1

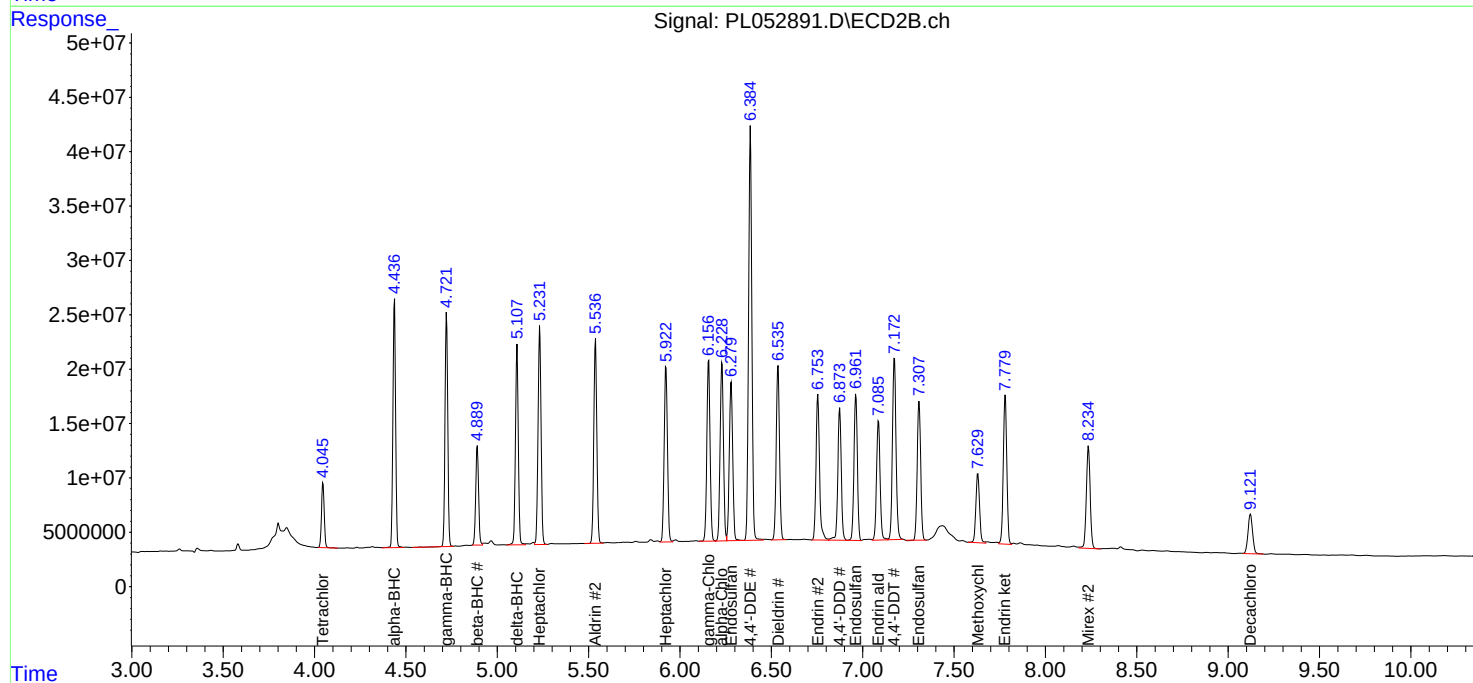
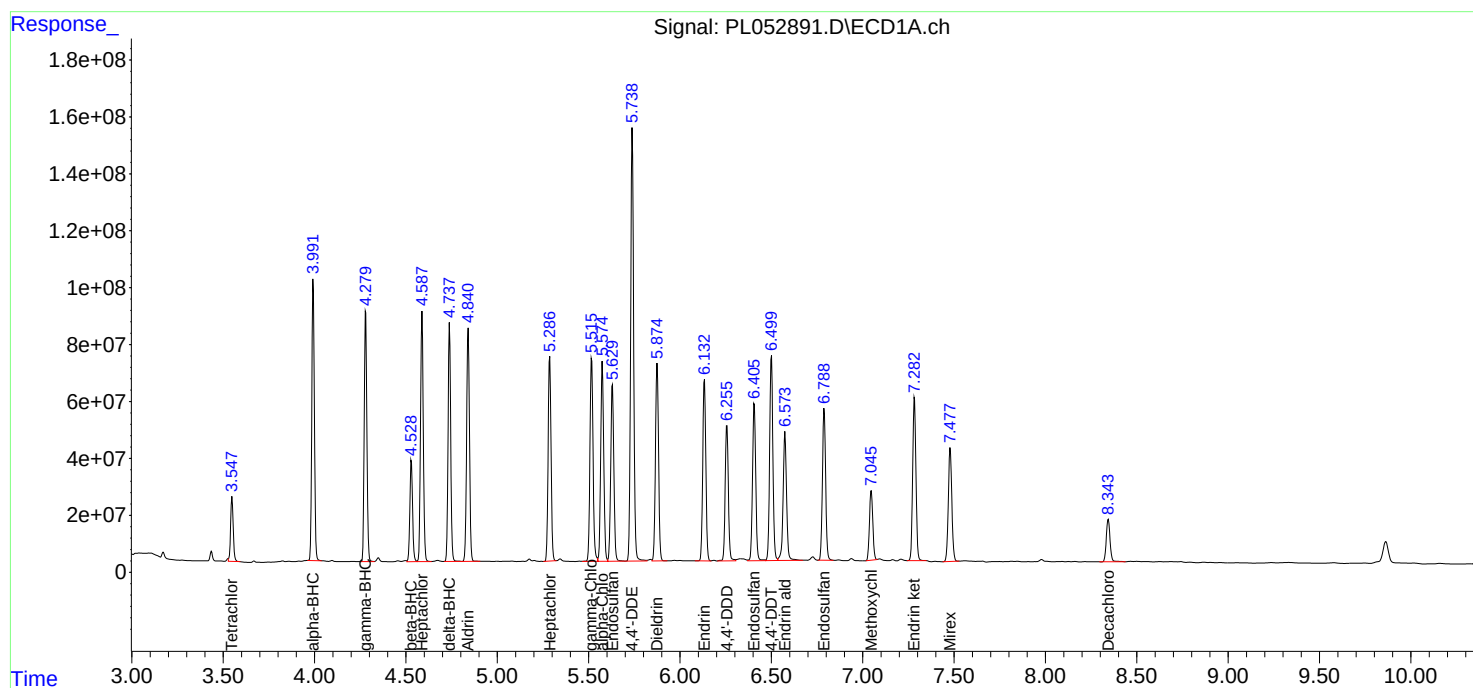
Instrument :
ECD_L
ClientSampleId :
PST-024-B275-092519MSD

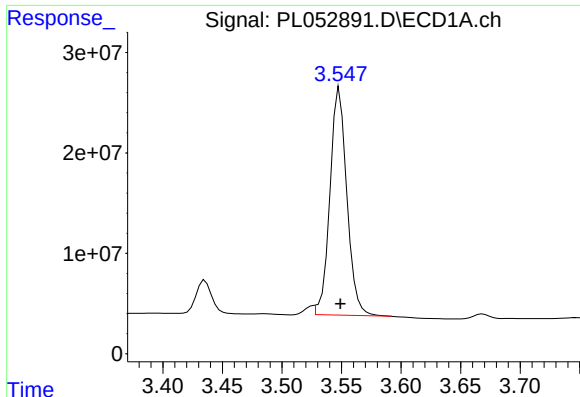
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 01 01:05:55 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092919.M
Quant Title : GC Extractables
QLast Update : Mon Sep 30 08:44:08 2019
Response 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





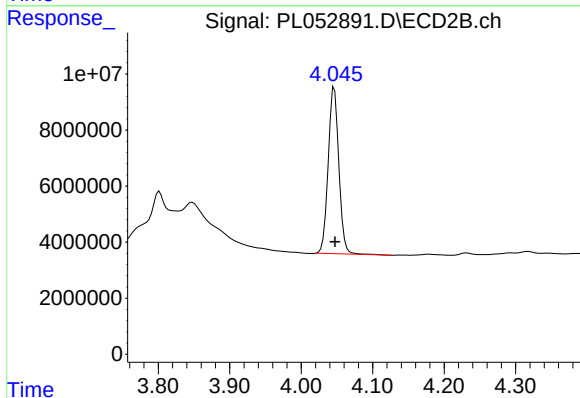
#1 Tetrachloro-m-xylene

R.T.: 3.547 min
Delta R.T.: -0.002 min
Response: 223172565
Conc: 22.44 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PST-024-B275-092519MSD

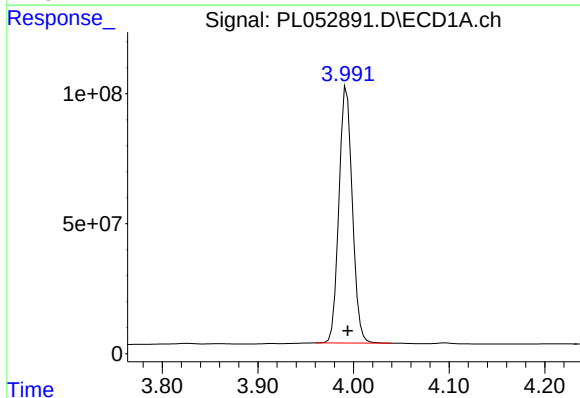
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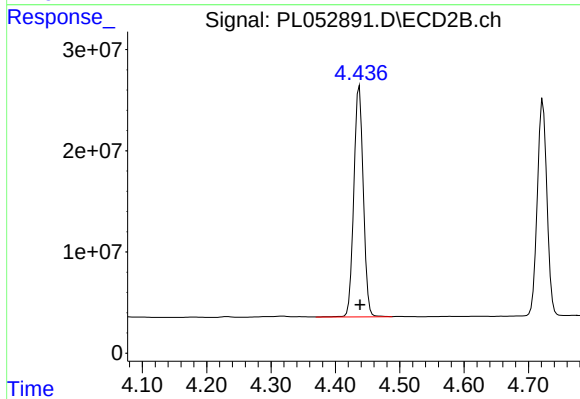
#1 Tetrachloro-m-xylene

R.T.: 4.046 min
Delta R.T.: 0.000 min
Response: 61843527
Conc: 23.03 ng/ml



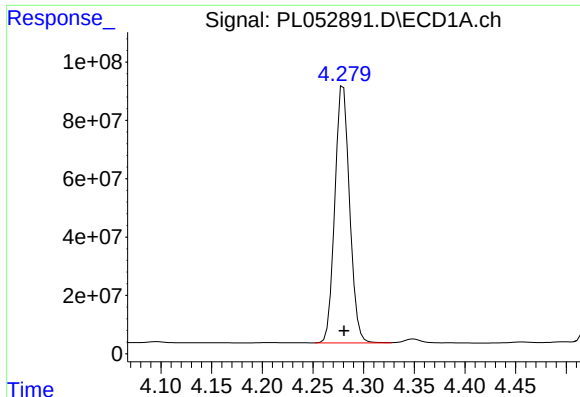
#2 alpha-BHC

R.T.: 3.993 min
Delta R.T.: -0.001 min
Response: 958110685
Conc: 60.07 ng/ml



#2 alpha-BHC

R.T.: 4.437 min
Delta R.T.: 0.000 min
Response: 233728702
Conc: 60.87 ng/ml



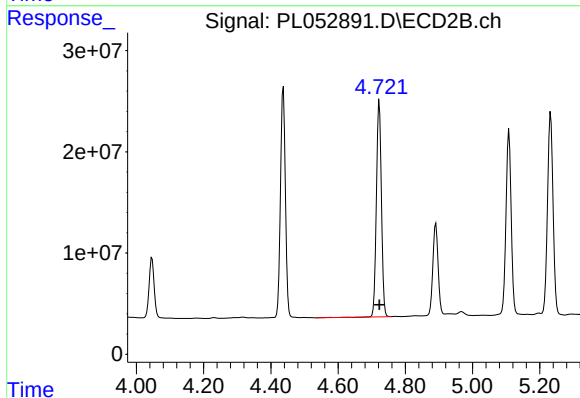
#3 gamma-BHC (Lindane)

R.T.: 4.280 min
Delta R.T.: 0.000 min
Response: 896006404
Conc: 61.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-024-B275-092519MSD

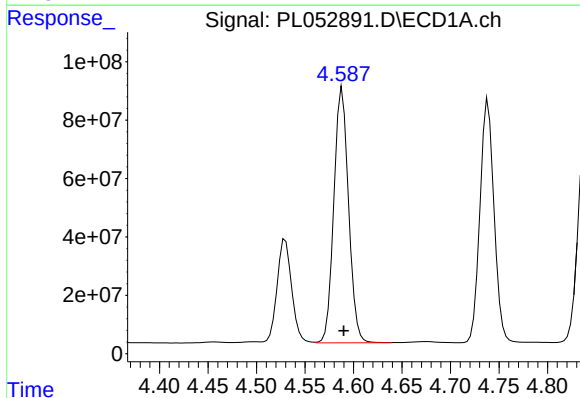
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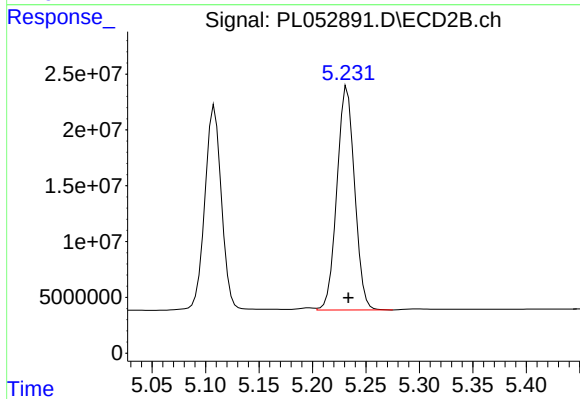
#3 gamma-BHC (Lindane)

R.T.: 4.723 min
Delta R.T.: 0.000 min
Response: 221286673
Conc: 61.11 ng/ml



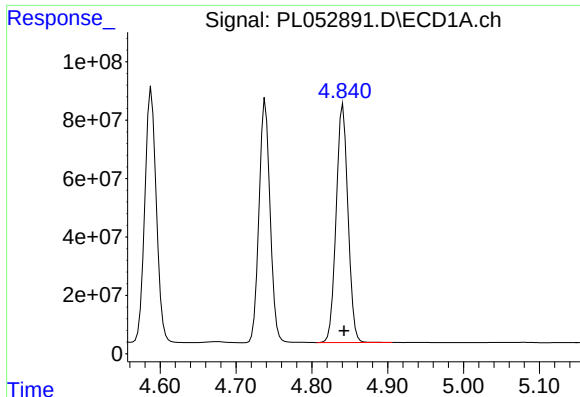
#4 Heptachlor

R.T.: 4.589 min
Delta R.T.: -0.001 min
Response: 919287712
Conc: 61.52 ng/ml



#4 Heptachlor

R.T.: 5.232 min
Delta R.T.: 0.000 min
Response: 230758605
Conc: 60.56 ng/ml



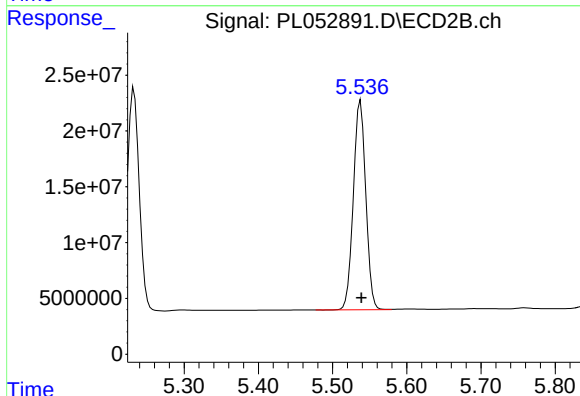
#5 Aldrin

R.T.: 4.841 min
Delta R.T.: -0.001 min
Response: 883604850
Conc: 64.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-024-B275-092519MSD

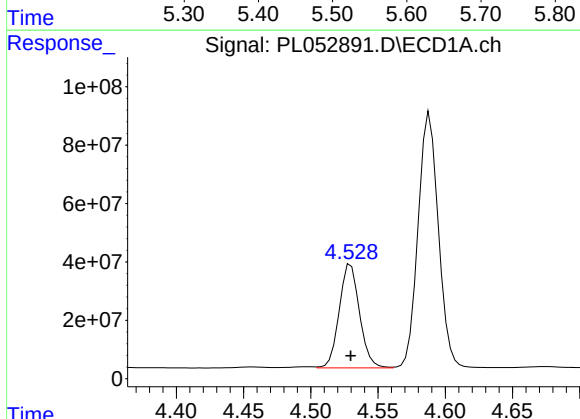
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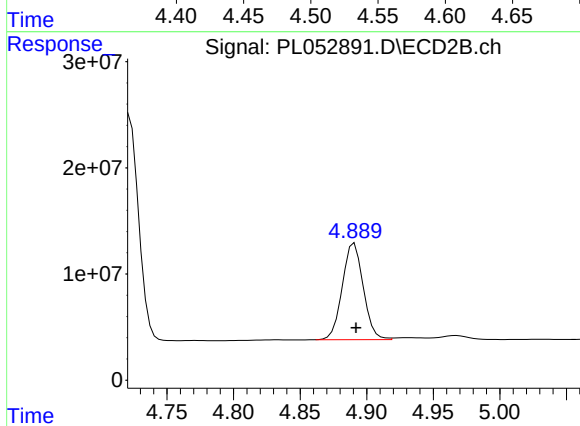
#5 Aldrin

R.T.: 5.538 min
Delta R.T.: -0.001 min
Response: 218110818
Conc: 62.94 ng/ml



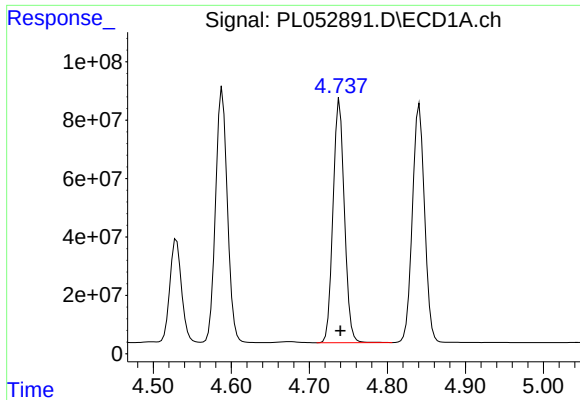
#6 beta-BHC

R.T.: 4.530 min
Delta R.T.: 0.000 min
Response: 371828311
Conc: 59.89 ng/ml



#6 beta-BHC

R.T.: 4.891 min
Delta R.T.: -0.001 min
Response: 99732156
Conc: 63.45 ng/ml



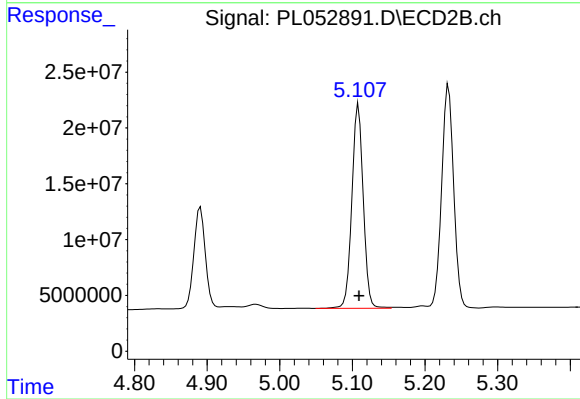
#7 delta-BHC

R.T.: 4.739 min
Delta R.T.: 0.000 min
Response: 843280504
Conc: 58.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-024-B275-092519MSD

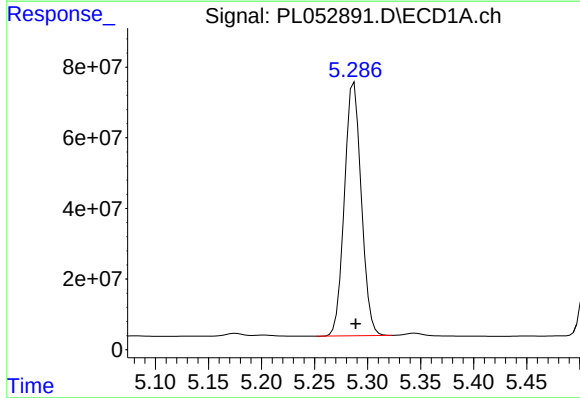
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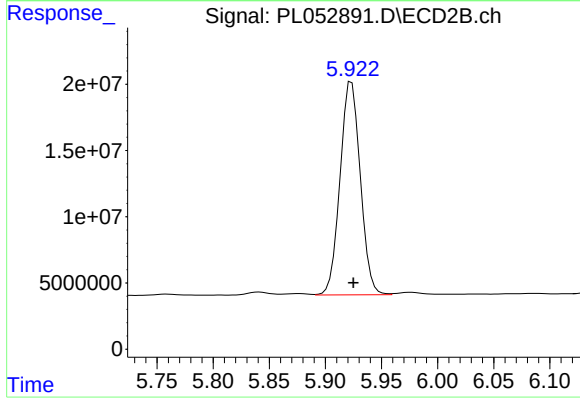
#7 delta-BHC

R.T.: 5.109 min
Delta R.T.: 0.000 min
Response: 199143988
Conc: 55.01 ng/ml



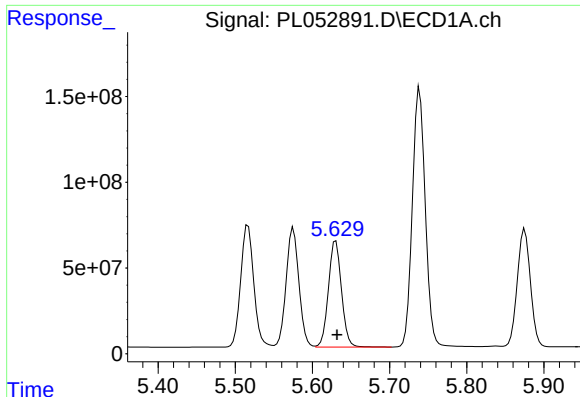
#8 Heptachlor epoxide

R.T.: 5.287 min
Delta R.T.: -0.002 min
Response: 790265217
Conc: 60.64 ng/ml



#8 Heptachlor epoxide

R.T.: 5.923 min
Delta R.T.: -0.002 min
Response: 202239657
Conc: 60.34 ng/ml



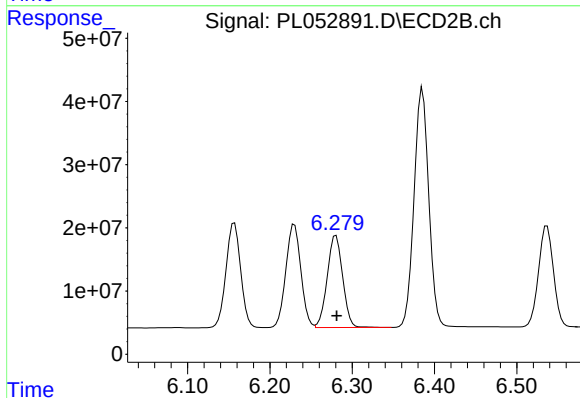
#9 Endosulfan I

R.T.: 5.630 min
Delta R.T.: -0.001 min
Response: 732791286
Conc: 60.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-024-B275-092519MSD

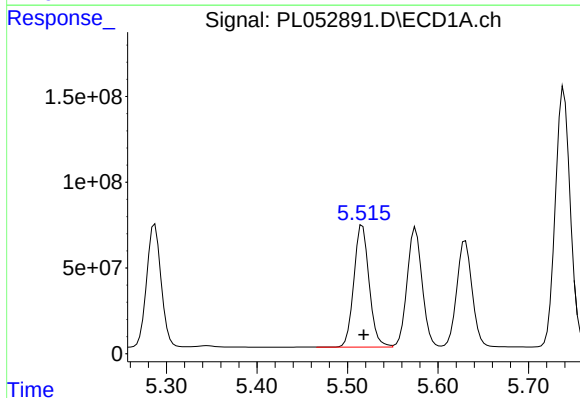
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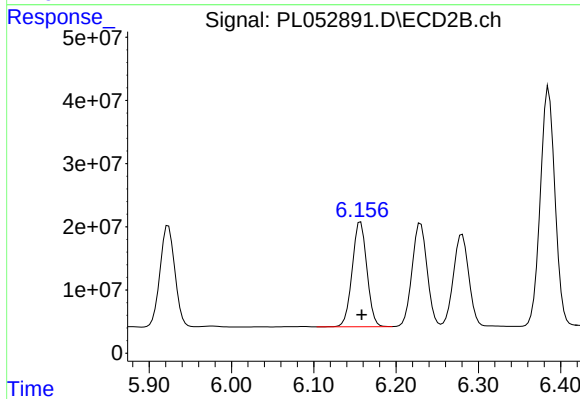
#9 Endosulfan I

R.T.: 6.280 min
Delta R.T.: 0.000 min
Response: 190309818
Conc: 60.89 ng/ml



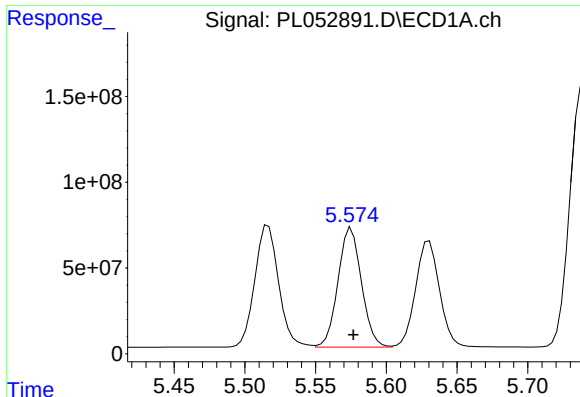
#10 gamma-Chlordane

R.T.: 5.517 min
Delta R.T.: -0.001 min
Response: 837714292
Conc: 62.29 ng/ml



#10 gamma-Chlordane

R.T.: 6.157 min
Delta R.T.: -0.001 min
Response: 206151689
Conc: 60.94 ng/ml



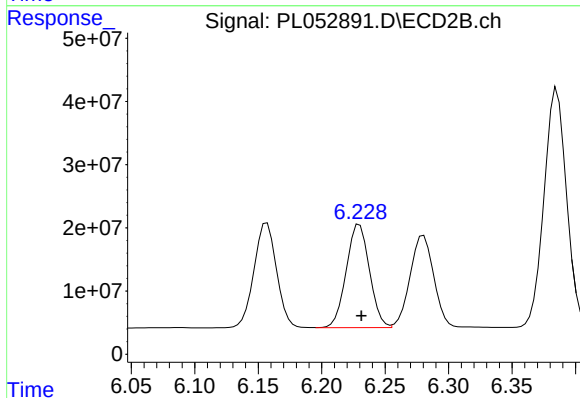
#11 alpha-Chlordane

R.T.: 5.575 min
Delta R.T.: -0.002 min
Response: 804428990
Conc: 60.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-024-B275-092519MSD

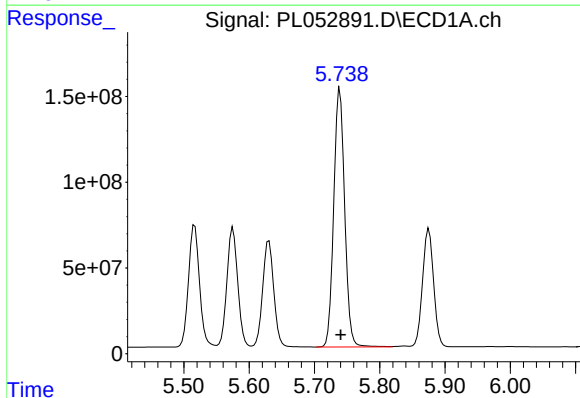
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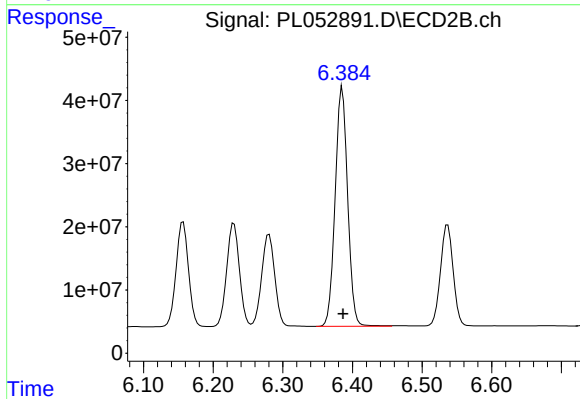
#11 alpha-Chlordane

R.T.: 6.230 min
Delta R.T.: -0.001 min
Response: 208077984
Conc: 61.82 ng/ml



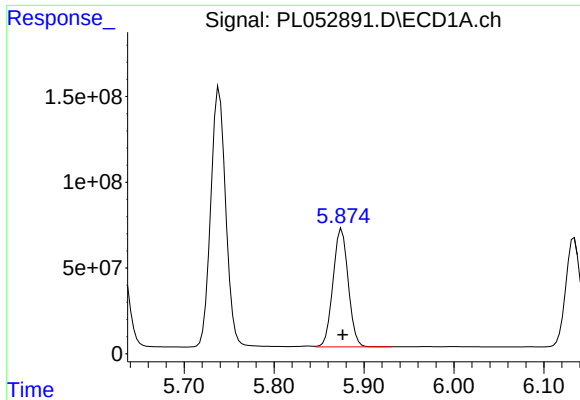
#12 4,4'-DDE

R.T.: 5.739 min
Delta R.T.: -0.001 min
Response: 1757214899
Conc: 151.40 ng/ml



#12 4,4'-DDE

R.T.: 6.385 min
Delta R.T.: -0.001 min
Response: 471751671
Conc: 144.44 ng/ml



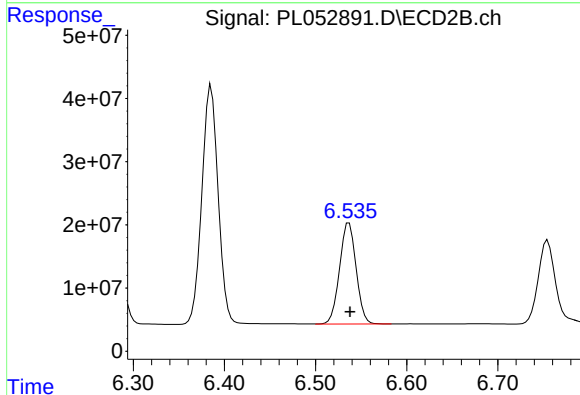
#13 Dieldrin

R.T.: 5.875 min
Delta R.T.: -0.001 min
Response: 811347256
Conc: 62.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-024-B275-092519MSD

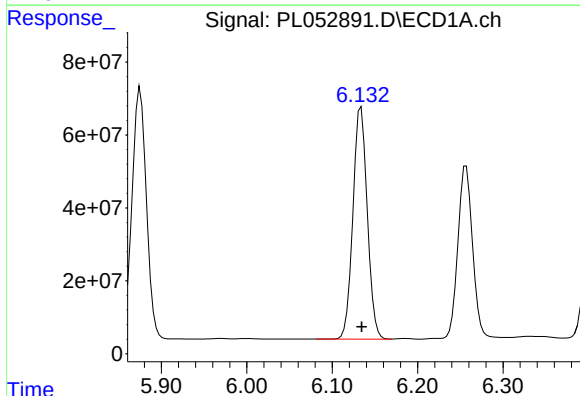
Manual Integrations
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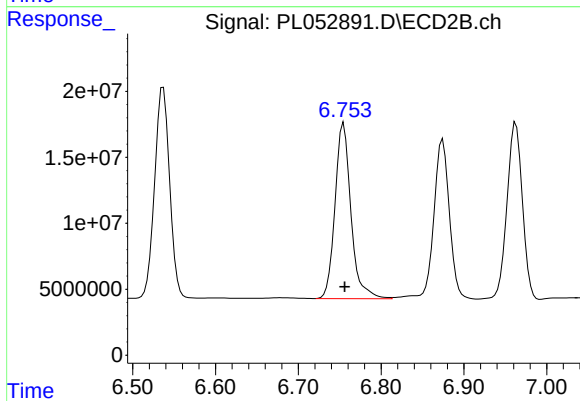
#13 Dieldrin

R.T.: 6.537 min
Delta R.T.: -0.001 min
Response: 202153352
Conc: 61.97 ng/ml



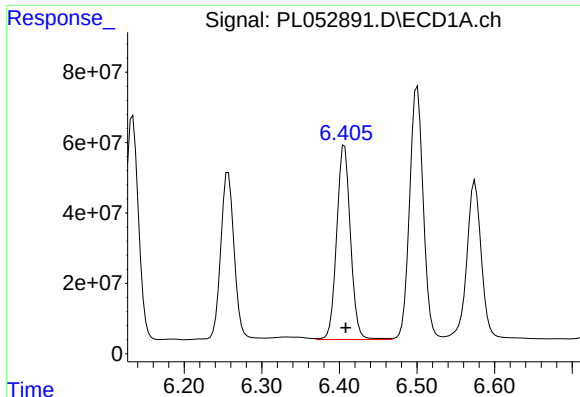
#14 Endrin

R.T.: 6.134 min
Delta R.T.: 0.000 min
Response: 743002160
Conc: 65.23 ng/ml



#14 Endrin

R.T.: 6.755 min
Delta R.T.: -0.001 min
Response: 178113456
Conc: 64.14 ng/ml



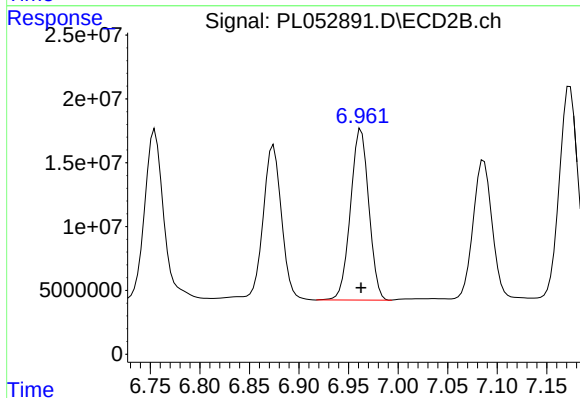
#15 Endosulfan II

R.T.: 6.407 min
Delta R.T.: -0.002 min
Response: 680889419
Conc: 59.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-024-B275-092519MSD

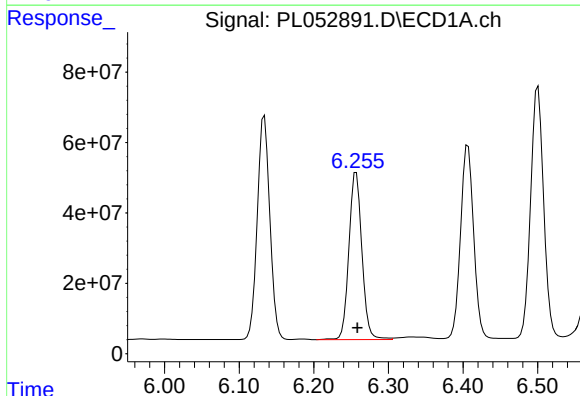
Manual Integrations
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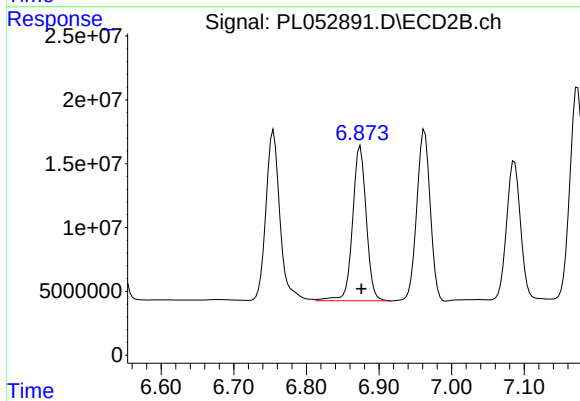
#15 Endosulfan II

R.T.: 6.963 min
Delta R.T.: 0.000 min
Response: 172702305
Conc: 58.21 ng/ml



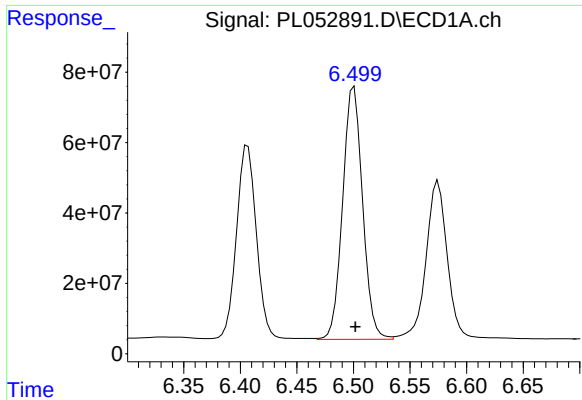
#16 4,4'-DDD

R.T.: 6.257 min
Delta R.T.: -0.002 min
Response: 575791094
Conc: 64.06 ng/ml



#16 4,4'-DDD

R.T.: 6.874 min
Delta R.T.: -0.001 min
Response: 159015171
Conc: 64.84 ng/ml



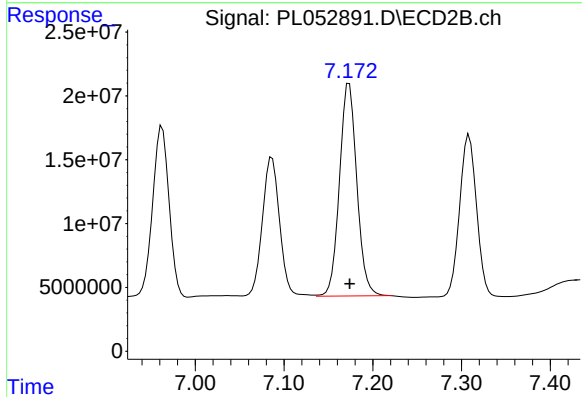
#17 4,4'-DDT

R.T.: 6.500 min
Delta R.T.: -0.001 min
Response: 879964677
Conc: 86.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-024-B275-092519MSD

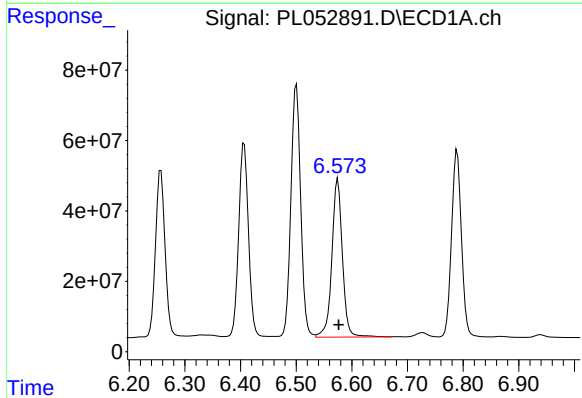
Manual Integrations
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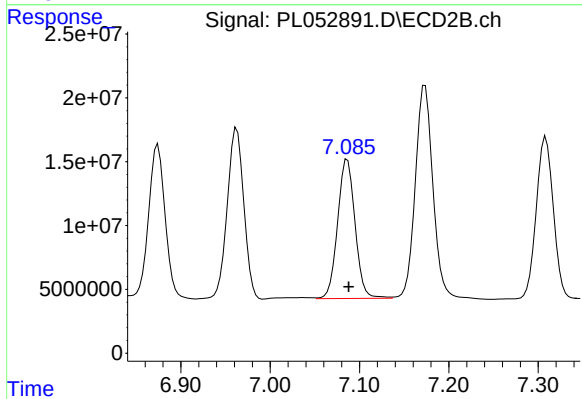
#17 4,4'-DDT

R.T.: 7.173 min
Delta R.T.: 0.000 min
Response: 226422370
Conc: 87.00 ng/ml



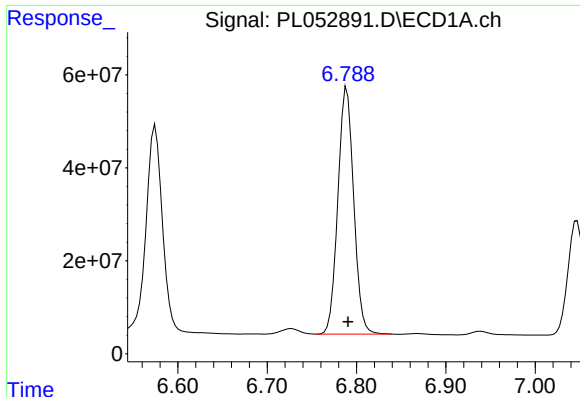
#18 Endrin aldehyde

R.T.: 6.575 min
Delta R.T.: -0.002 min
Response: 593515142
Conc: 63.20 ng/ml



#18 Endrin aldehyde

R.T.: 7.086 min
Delta R.T.: -0.001 min
Response: 147774778
Conc: 60.25 ng/ml



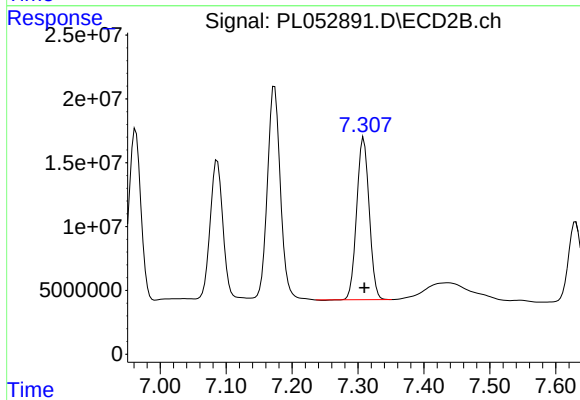
#19 Endosulfan Sulfate

R.T.: 6.789 min
Delta R.T.: -0.001 min
Response: 652845571
Conc: 62.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-024-B275-092519MSD

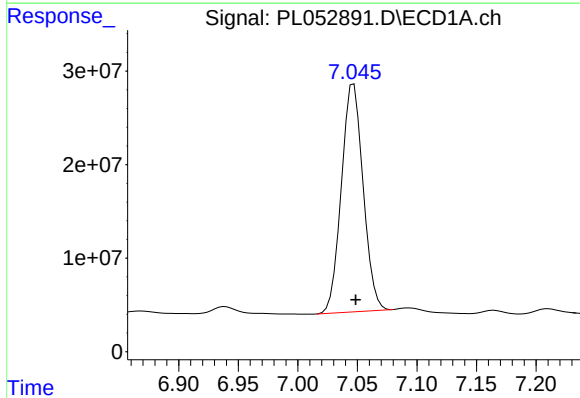
Manual Integrations
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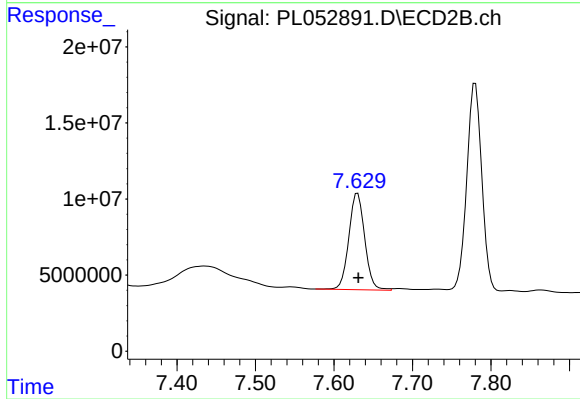
#19 Endosulfan Sulfate

R.T.: 7.309 min
Delta R.T.: -0.001 min
Response: 167491351
Conc: 61.34 ng/ml



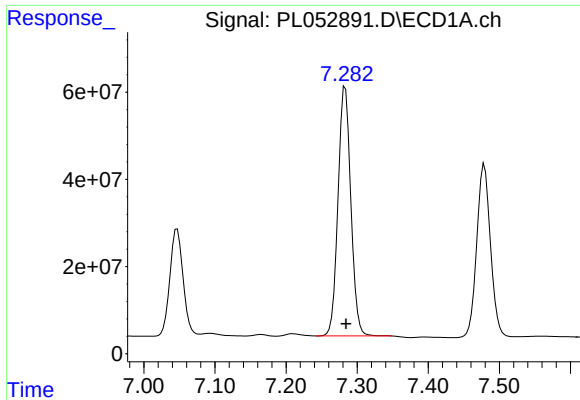
#20 Methoxychlor

R.T.: 7.047 min
Delta R.T.: -0.002 min
Response: 309428452
Conc: 59.99 ng/ml



#20 Methoxychlor

R.T.: 7.630 min
Delta R.T.: -0.001 min
Response: 89446120
Conc: 63.53 ng/ml



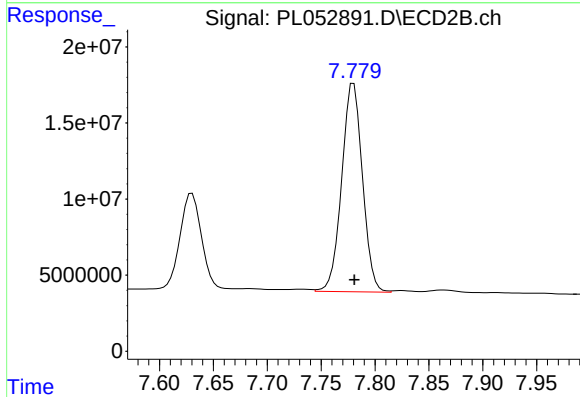
#21 Endrin ketone

R.T.: 7.283 min
Delta R.T.: -0.001 min
Response: 715575268
Conc: 61.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-024-B275-092519MSD

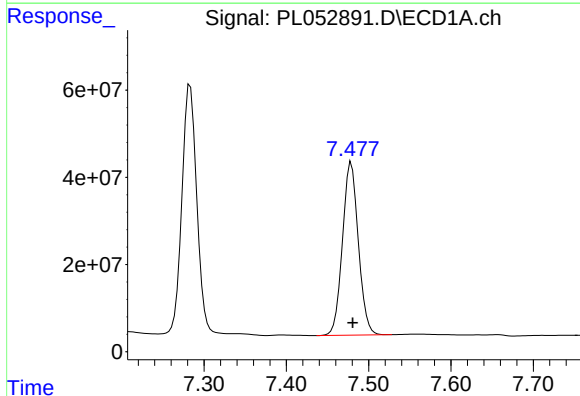
Manual Integrations
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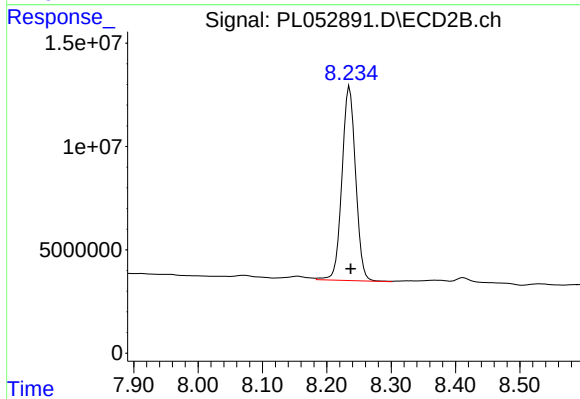
#21 Endrin ketone

R.T.: 7.780 min
Delta R.T.: 0.000 min
Response: 183937692
Conc: 64.47 ng/ml



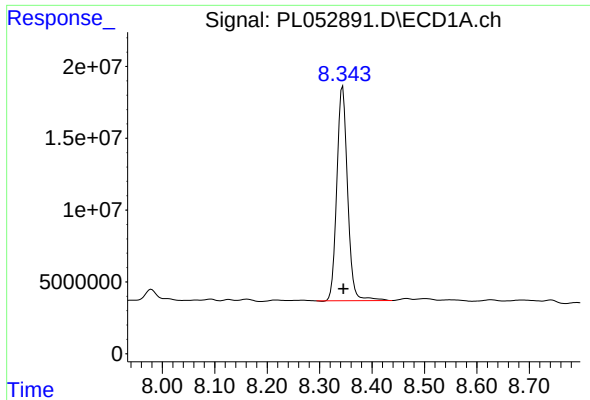
#22 Mirex

R.T.: 7.479 min
Delta R.T.: -0.002 min
Response: 533090693
Conc: 56.45 ng/ml



#22 Mirex

R.T.: 8.235 min
Delta R.T.: -0.002 min
Response: 138374362
Conc: 61.52 ng/ml



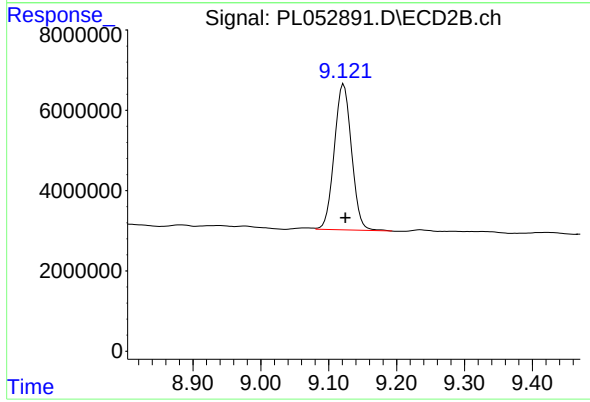
#28 Decachlorobiphenyl

R.T.: 8.344 min
Delta R.T.: -0.001 min
Response: 214269768
Conc: 21.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PST-024-B275-092519MSD

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 9.122 min
Delta R.T.: -0.002 min
Response: 64032728
Conc: 21.83 ng/ml