

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110719\
 Data File : PL054091.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Nov 2019 20:01
 Operator : SG\AJ
 Sample : K5675-04MSD
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TR-05-110519MSD

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 08 00:23:23 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL101919.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 18 13:56:08 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...	3.541	4.044	218.7E6	55002599	20.175	21.980
28)	SA Decachlor...	8.325	9.123	189.4E6	55353433	19.303	19.657
Target Compounds							
2)	A alpha-BHC	3.985	4.435	1041.0E6	217.7E6	59.701	62.983
3)	MA gamma-BHC...	4.271	4.719	918.5E6	202.2E6	58.978	62.790m
4)	MA Heptachlor	4.578	5.230	922.3E6	184.7E6	58.434	57.330
5)	MB Aldrin	4.829	5.536	849.6E6	171.9E6	59.430	57.643
6)	B beta-BHC	4.521	4.891	383.4E6	89211748	58.185	57.756
7)	B delta-BHC	4.730	5.109	824.8E6	150.9E6	54.186	49.952
8)	B Heptachlo...	5.274	5.922	810.5E6	154.3E6	60.039	52.891
9)	A Endosulfan I	5.617	6.279	719.2E6	155.2E6	58.512	57.255
10)	B gamma-Chl...	5.503	6.156	802.1E6	163.3E6	58.789	55.981
11)	B alpha-Chl...	5.562	6.229	768.4E6	165.0E6	57.756	56.539
12)	B 4,4'-DDE	5.724	6.385	714.2E6	160.7E6	60.106	57.067
13)	MA Dieldrin	5.861	6.536	748.5E6	165.6E6	57.427	58.039
14)	MA Endrin	6.119	6.754	684.9E6	140.5E6	59.087	57.878
15)	B Endosulfa...	6.392	6.963	633.4E6	154.2E6	56.649	60.379
16)	A 4,4'-DDD	6.242	6.875	532.2E6	129.3E6	59.797	62.028
17)	MA 4,4'-DDT	6.484	7.174	567.2E6	135.4E6	57.252	58.572
18)	B Endrin al...	6.561	7.087	504.3E6	127.3E6	54.998	57.942
19)	B Endosulfa...	6.774	7.310	559.1E6	135.3E6	54.966	55.139
20)	A Methoxychlor	7.030	7.632	277.0E6	71792665	56.180	55.271
21)	B Endrin ke...	7.269	7.781	605.0E6	149.0E6	56.199	57.789
22)	Mirex	7.462	8.235	469.8E6	118.2E6	54.922	58.436

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL110719\
Data File : PL054091.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 07 Nov 2019 20:01
Operator : SG\AJ
Sample : K5675-04MSD
Misc :
ALS Vial : 36 Sample Multiplier: 1

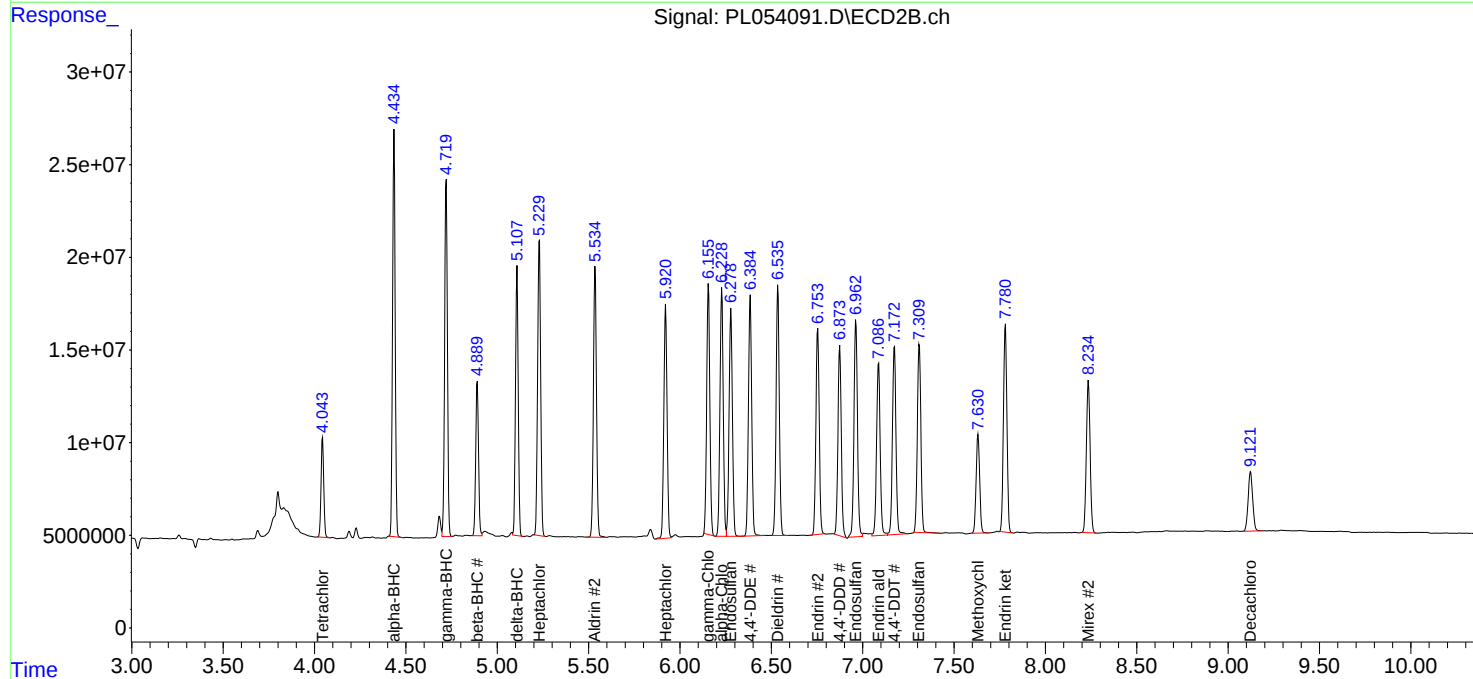
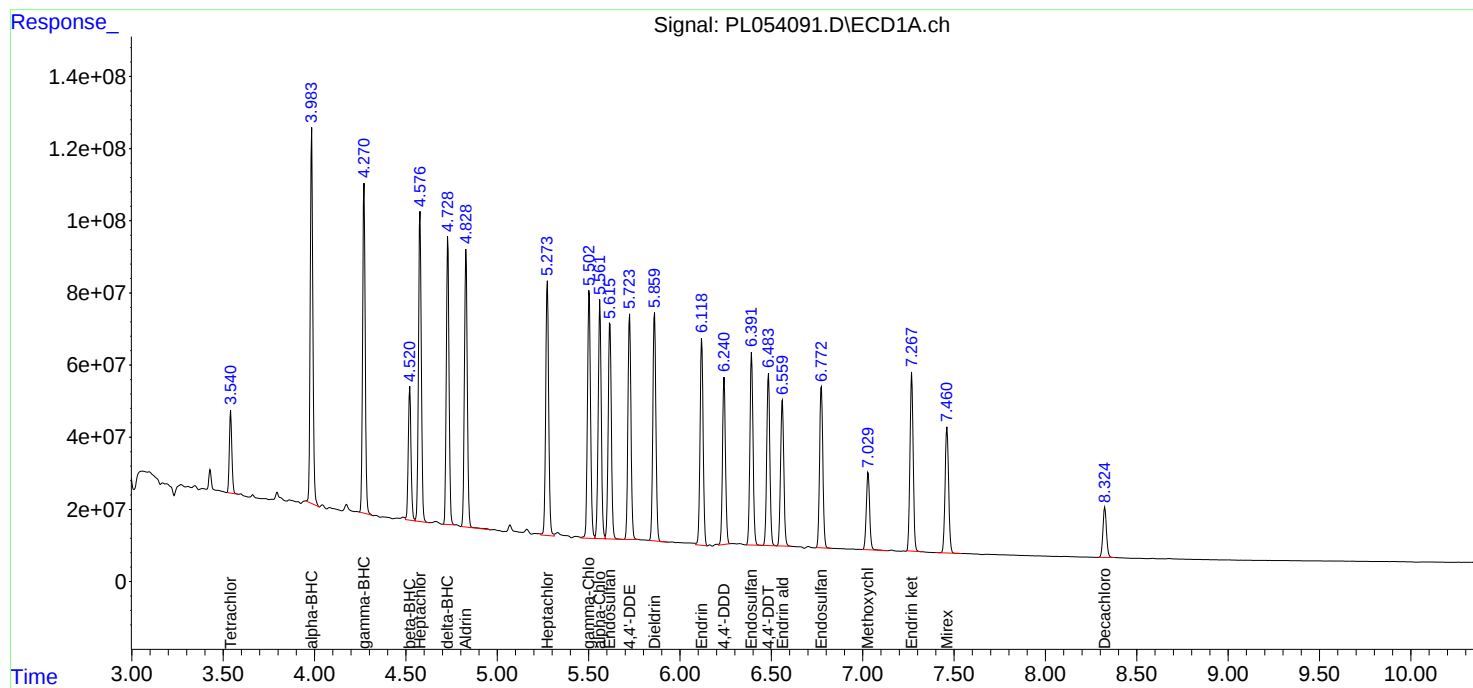
Instrument :
ECD_L
ClientSampleId :
TR-05-110519MSD

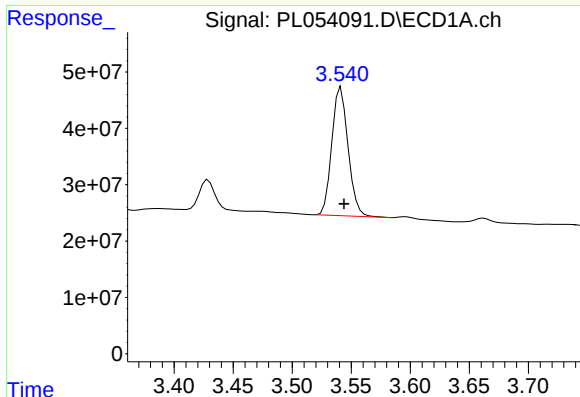
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 08 00:23:23 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL101919.M
Quant Title : GC Extractables
QLast Update : Fri Oct 18 13:56:08 2019
Response 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





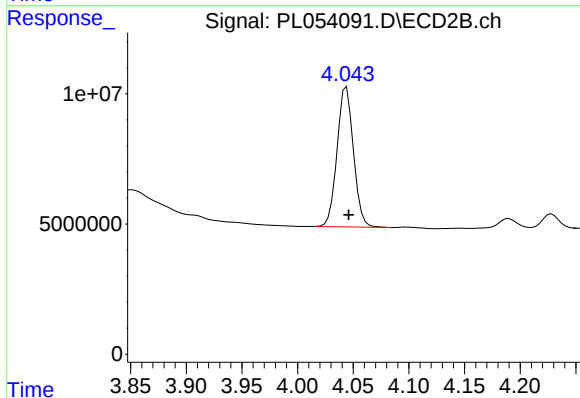
#1 Tetrachloro-m-xylene

R.T.: 3.541 min
Delta R.T.: -0.003 min
Response: 218685114
Conc: 20.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-05-110519MSD

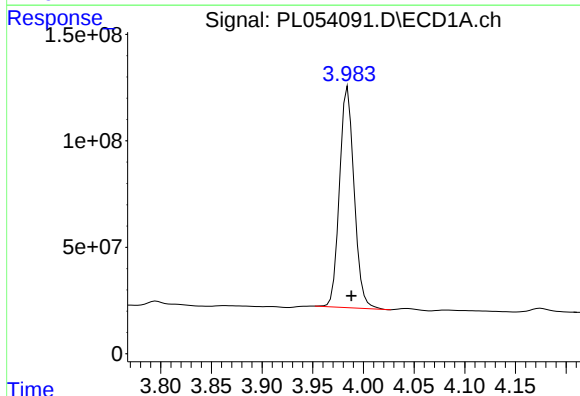
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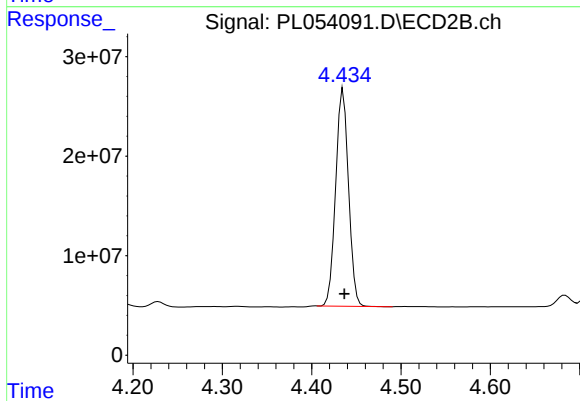
#1 Tetrachloro-m-xylene

R.T.: 4.044 min
Delta R.T.: -0.002 min
Response: 55002599
Conc: 21.98 ng/ml



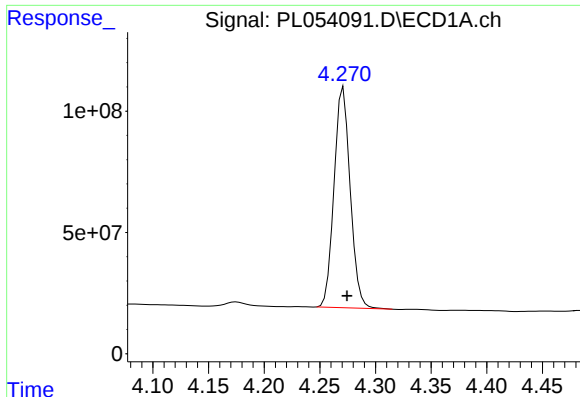
#2 alpha-BHC

R.T.: 3.985 min
Delta R.T.: -0.003 min
Response: 1040969821
Conc: 59.70 ng/ml



#2 alpha-BHC

R.T.: 4.435 min
Delta R.T.: -0.001 min
Response: 217738510
Conc: 62.98 ng/ml



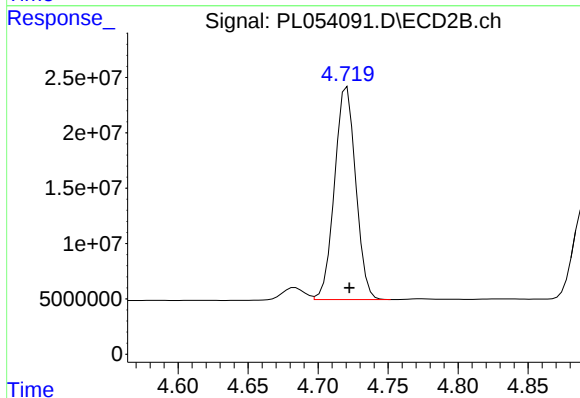
#3 gamma-BHC (Lindane)

R.T.: 4.271 min
Delta R.T.: -0.003 min
Response: 918506185
Conc: 58.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-05-110519MSD

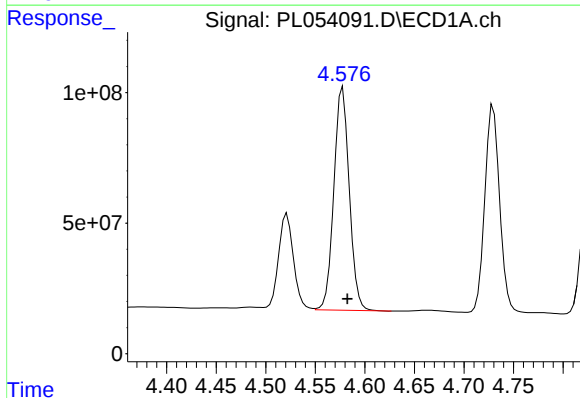
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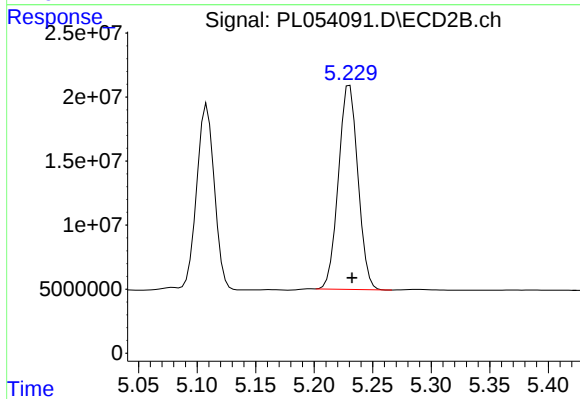
#3 gamma-BHC (Lindane)

R.T.: 4.719 min
Delta R.T.: -0.003 min
Response: 202208745
Conc: 62.79 ng/ml m



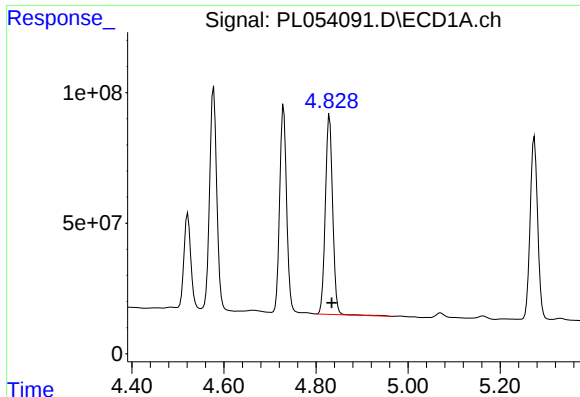
#4 Heptachlor

R.T.: 4.578 min
Delta R.T.: -0.005 min
Response: 922255782
Conc: 58.43 ng/ml



#4 Heptachlor

R.T.: 5.230 min
Delta R.T.: -0.002 min
Response: 184728215
Conc: 57.33 ng/ml



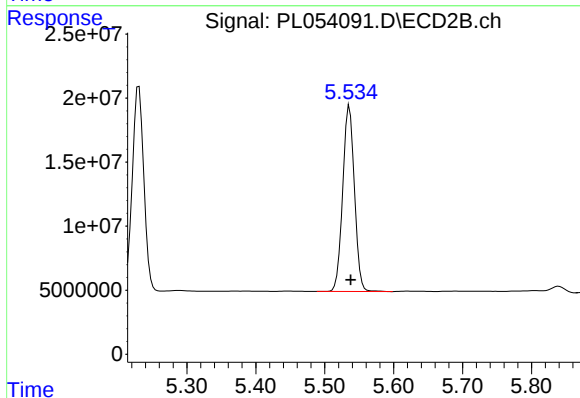
#5 Aldrin

R.T.: 4.829 min
Delta R.T.: -0.005 min
Response: 849600069
Conc: 59.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-05-110519MSD

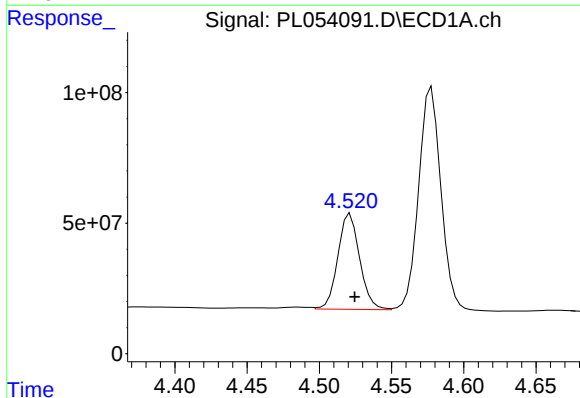
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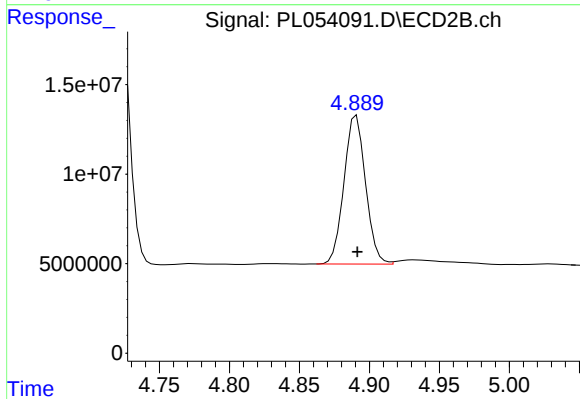
#5 Aldrin

R.T.: 5.536 min
Delta R.T.: -0.002 min
Response: 171864338
Conc: 57.64 ng/ml



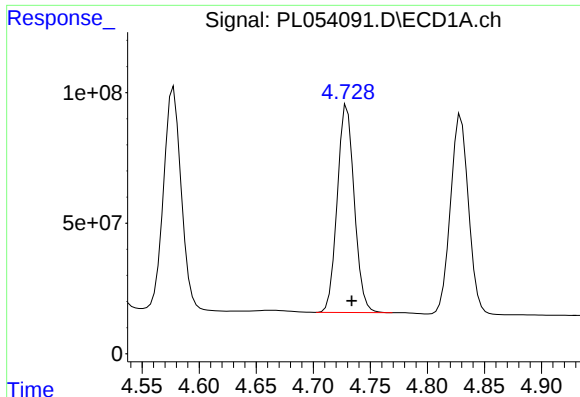
#6 beta-BHC

R.T.: 4.521 min
Delta R.T.: -0.003 min
Response: 383431668
Conc: 58.19 ng/ml



#6 beta-BHC

R.T.: 4.891 min
Delta R.T.: 0.000 min
Response: 89211748
Conc: 57.76 ng/ml



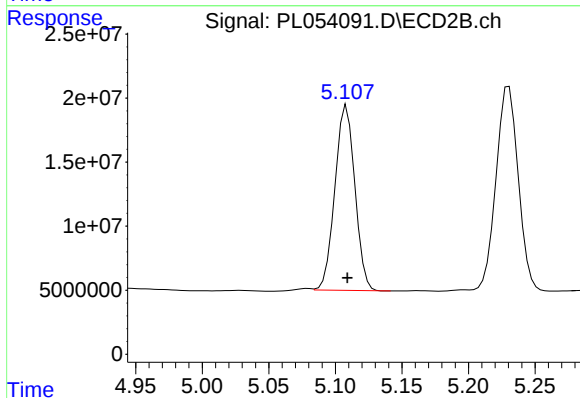
#7 delta-BHC

R.T.: 4.730 min
Delta R.T.: -0.004 min
Response: 824766014
Conc: 54.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-05-110519MSD

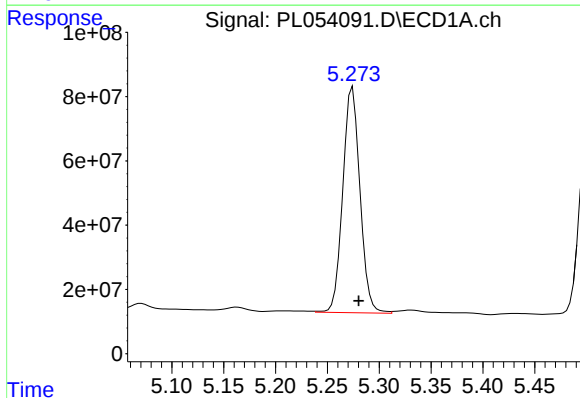
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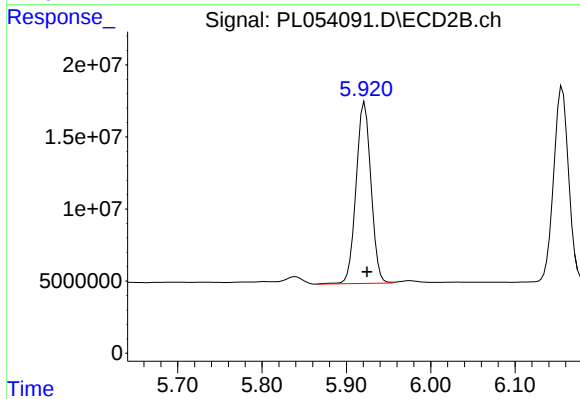
#7 delta-BHC

R.T.: 5.109 min
Delta R.T.: 0.000 min
Response: 150884562
Conc: 49.95 ng/ml



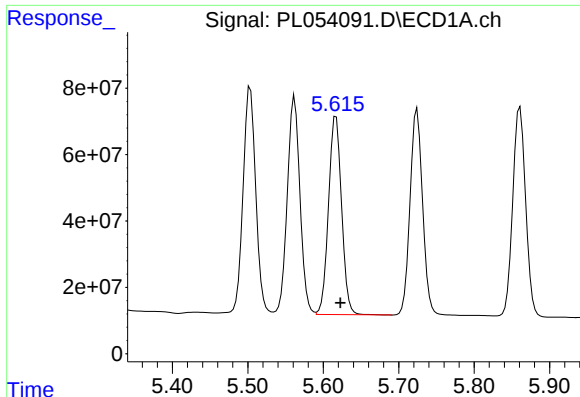
#8 Heptachlor epoxide

R.T.: 5.274 min
Delta R.T.: -0.006 min
Response: 810484481
Conc: 60.04 ng/ml



#8 Heptachlor epoxide

R.T.: 5.922 min
Delta R.T.: -0.003 min
Response: 154252113
Conc: 52.89 ng/ml



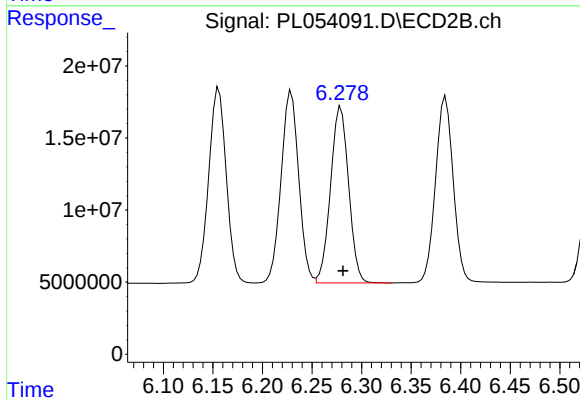
#9 Endosulfan I

R.T.: 5.617 min
Delta R.T.: -0.006 min
Response: 719239944
Conc: 58.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-05-110519MSD

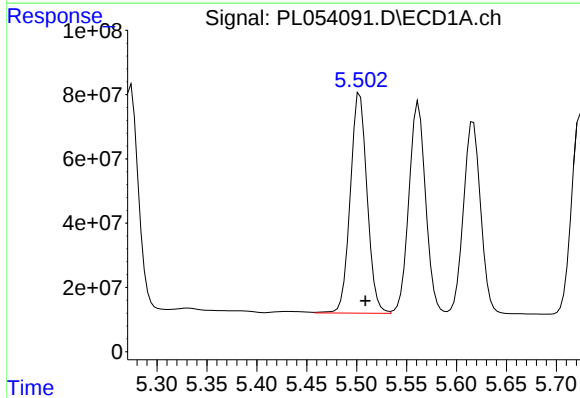
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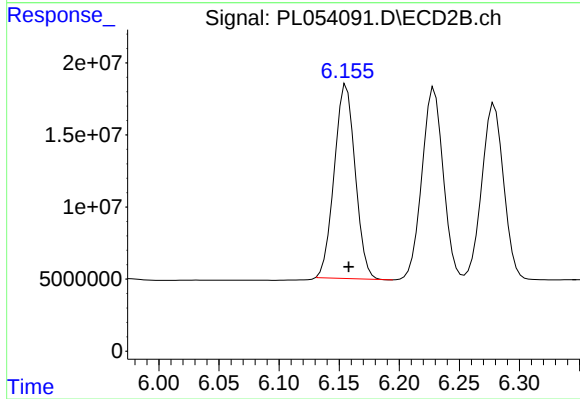
#9 Endosulfan I

R.T.: 6.279 min
Delta R.T.: -0.002 min
Response: 155231199
Conc: 57.25 ng/ml



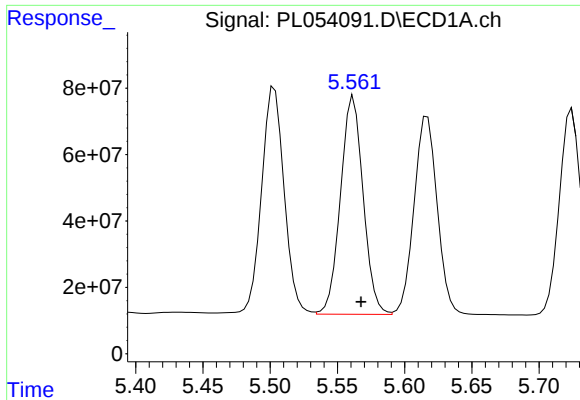
#10 gamma-Chlordane

R.T.: 5.503 min
Delta R.T.: -0.006 min
Response: 802091640
Conc: 58.79 ng/ml



#10 gamma-Chlordane

R.T.: 6.156 min
Delta R.T.: -0.002 min
Response: 163342062
Conc: 55.98 ng/ml



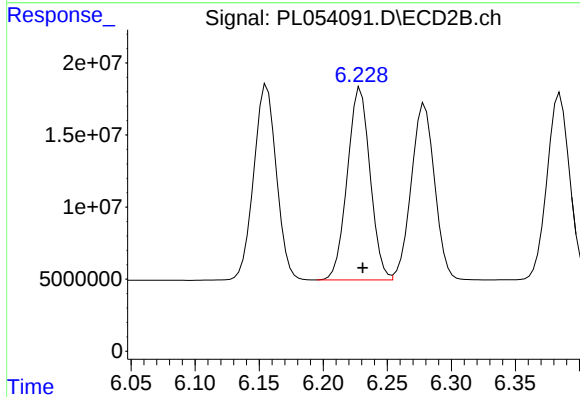
#11 alpha-Chlordane

R.T.: 5.562 min
Delta R.T.: -0.006 min
Response: 768359004
Conc: 57.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-05-110519MSD

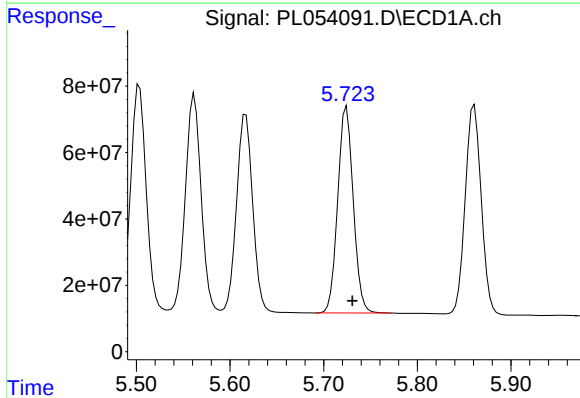
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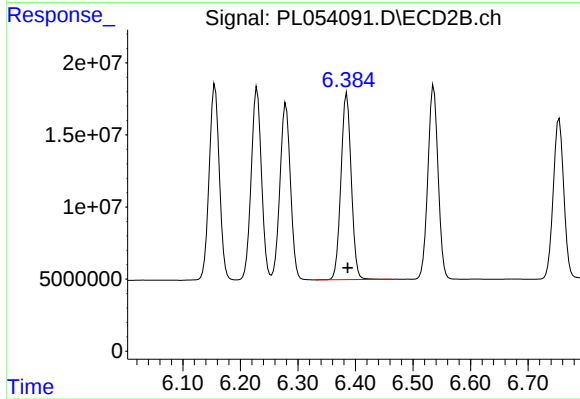
#11 alpha-Chlordane

R.T.: 6.229 min
Delta R.T.: -0.002 min
Response: 165048587
Conc: 56.54 ng/ml



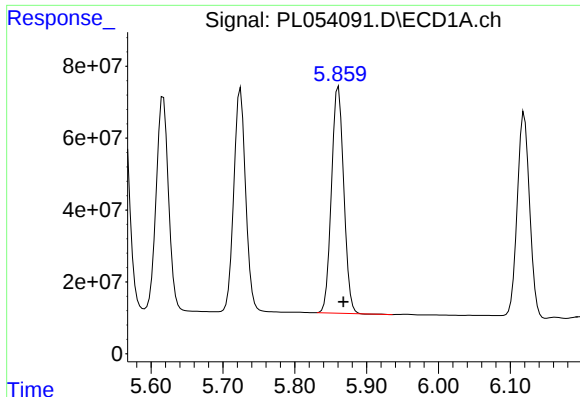
#12 4,4'-DDE

R.T.: 5.724 min
Delta R.T.: -0.006 min
Response: 714192005
Conc: 60.11 ng/ml



#12 4,4'-DDE

R.T.: 6.385 min
Delta R.T.: -0.002 min
Response: 160721862
Conc: 57.07 ng/ml



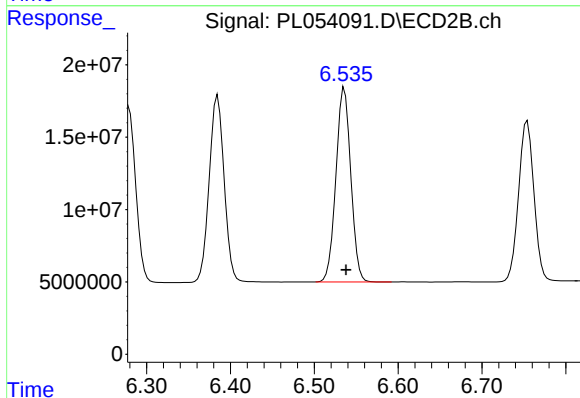
#13 Dieldrin

R.T.: 5.861 min
Delta R.T.: -0.007 min
Response: 748476191
Conc: 57.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-05-110519MSD

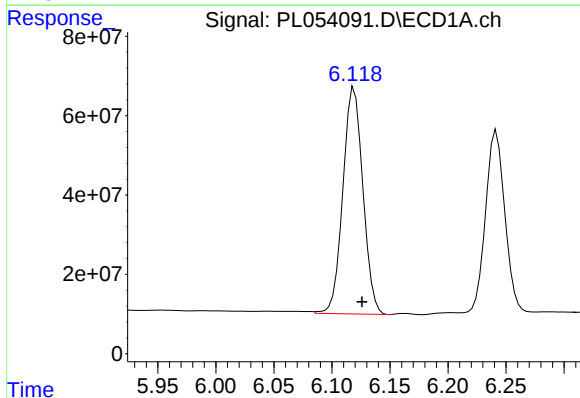
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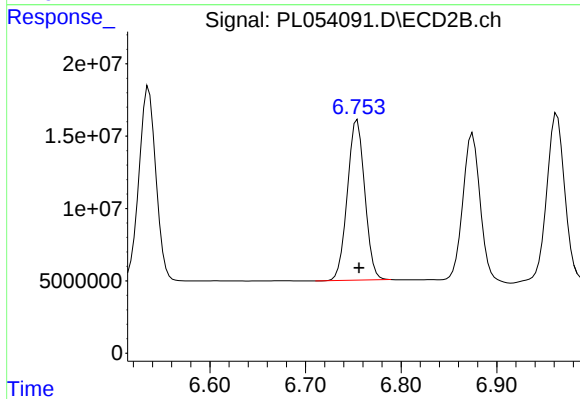
#13 Dieldrin

R.T.: 6.536 min
Delta R.T.: -0.002 min
Response: 165621116
Conc: 58.04 ng/ml



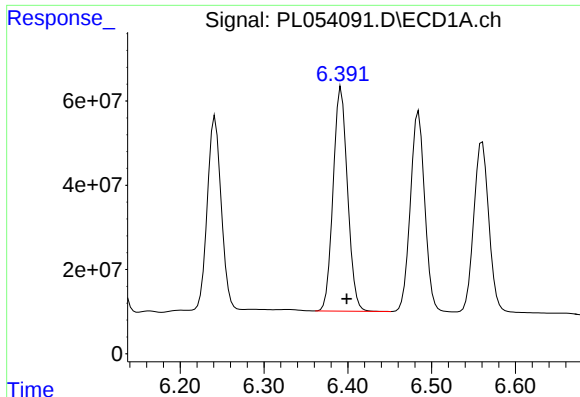
#14 Endrin

R.T.: 6.119 min
Delta R.T.: -0.007 min
Response: 684890391
Conc: 59.09 ng/ml



#14 Endrin

R.T.: 6.754 min
Delta R.T.: -0.002 min
Response: 140480598
Conc: 57.88 ng/ml



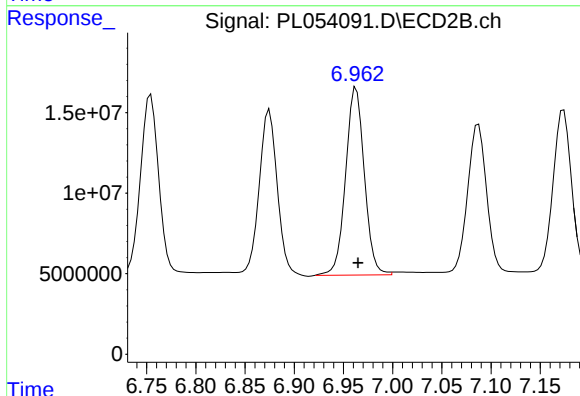
#15 Endosulfan II

R.T.: 6.392 min
Delta R.T.: -0.007 min
Response: 633353795
Conc: 56.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-05-110519MSD

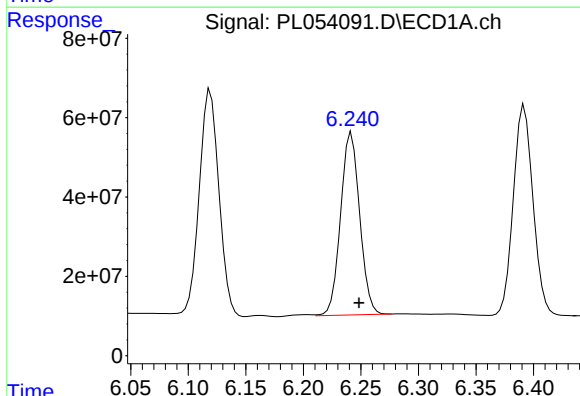
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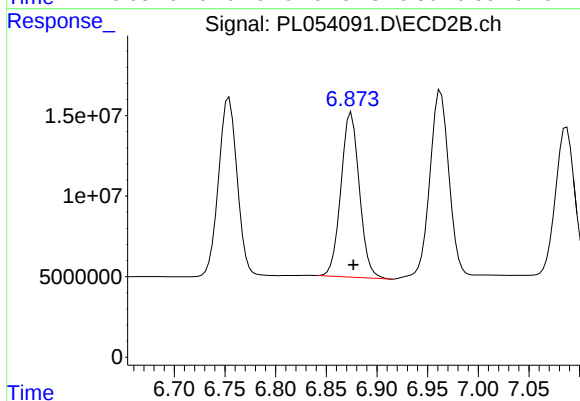
#15 Endosulfan II

R.T.: 6.963 min
Delta R.T.: -0.002 min
Response: 154237126
Conc: 60.38 ng/ml



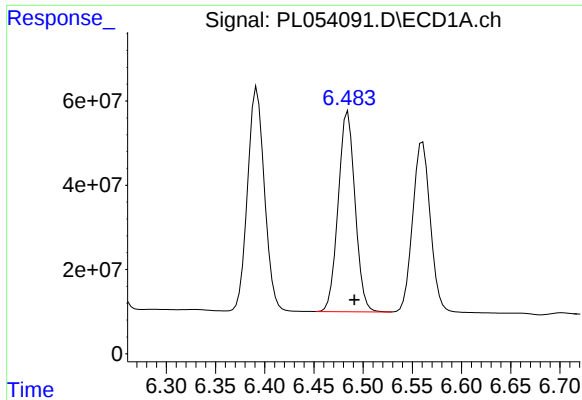
#16 4,4'-DDD

R.T.: 6.242 min
Delta R.T.: -0.007 min
Response: 532186578
Conc: 59.80 ng/ml



#16 4,4'-DDD

R.T.: 6.875 min
Delta R.T.: -0.002 min
Response: 129263279
Conc: 62.03 ng/ml



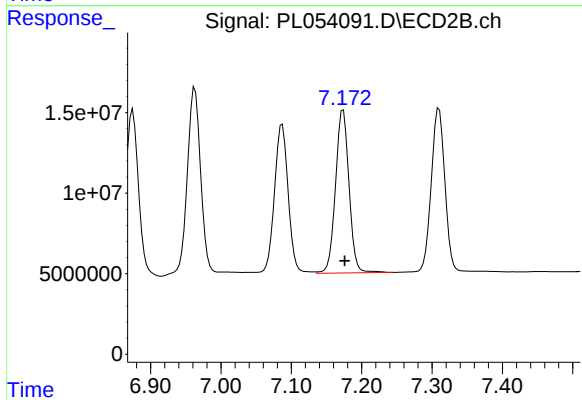
#17 4,4'-DDT

R.T.: 6.484 min
Delta R.T.: -0.007 min
Response: 567152042
Conc: 57.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-05-110519MSD

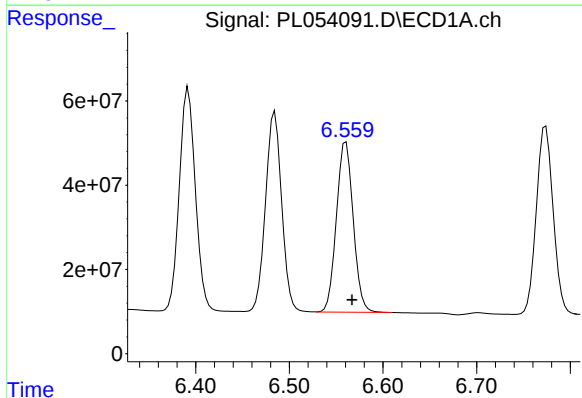
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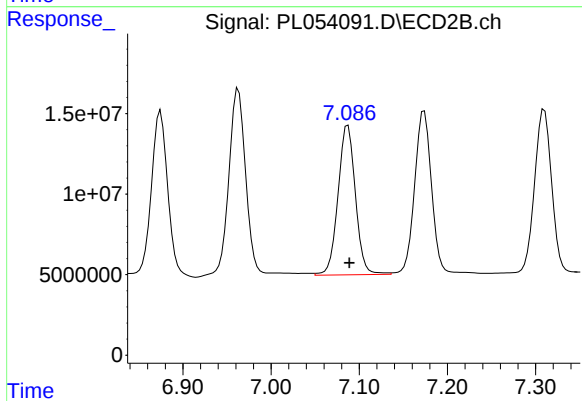
#17 4,4'-DDT

R.T.: 7.174 min
Delta R.T.: -0.002 min
Response: 135449176
Conc: 58.57 ng/ml



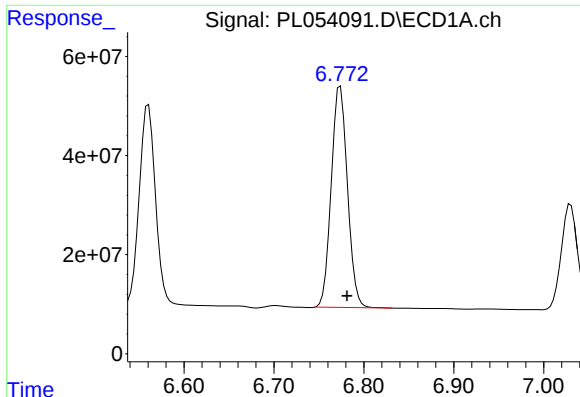
#18 Endrin aldehyde

R.T.: 6.561 min
Delta R.T.: -0.006 min
Response: 504290508
Conc: 55.00 ng/ml



#18 Endrin aldehyde

R.T.: 7.087 min
Delta R.T.: -0.002 min
Response: 127286196
Conc: 57.94 ng/ml



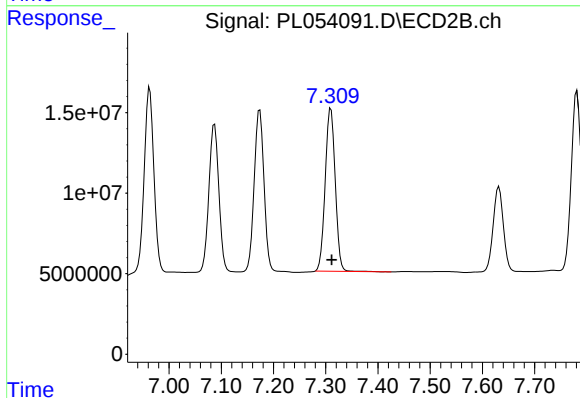
#19 Endosulfan Sulfate

R.T.: 6.774 min
Delta R.T.: -0.008 min
Response: 559090975
Conc: 54.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-05-110519MSD

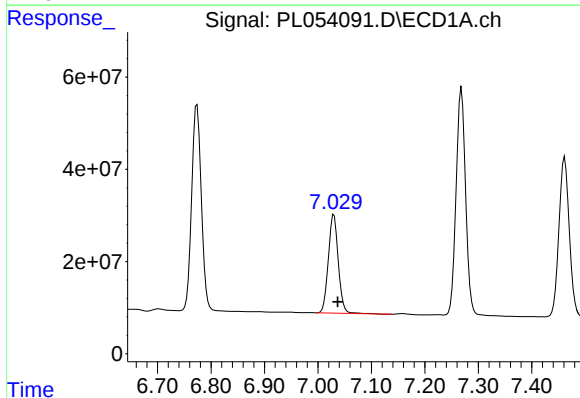
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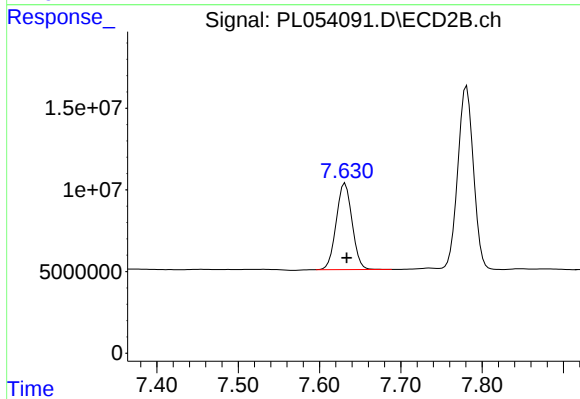
#19 Endosulfan Sulfate

R.T.: 7.310 min
Delta R.T.: -0.002 min
Response: 135290568
Conc: 55.14 ng/ml



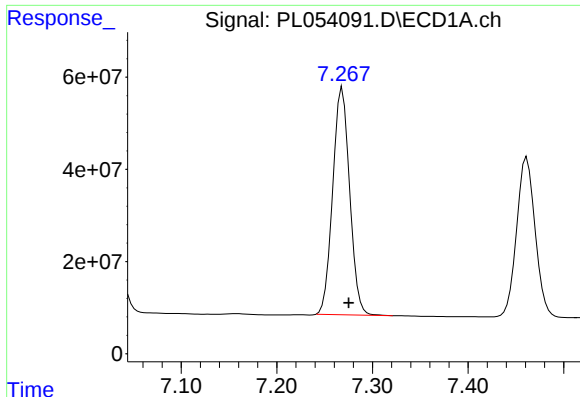
#20 Methoxychlor

R.T.: 7.030 min
Delta R.T.: -0.007 min
Response: 276989233
Conc: 56.18 ng/ml



#20 Methoxychlor

R.T.: 7.632 min
Delta R.T.: -0.002 min
Response: 71792665
Conc: 55.27 ng/ml



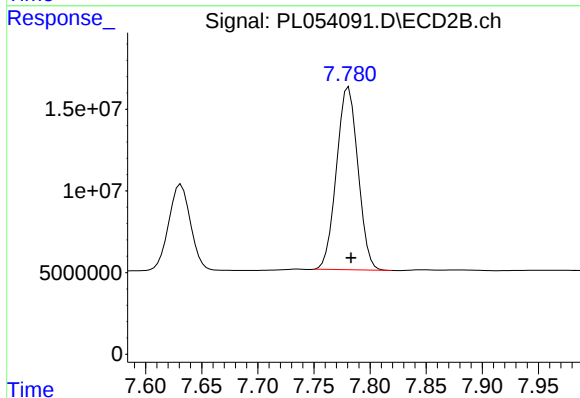
#21 Endrin ketone

R.T.: 7.269 min
Delta R.T.: -0.007 min
Response: 604994948
Conc: 56.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-05-110519MSD

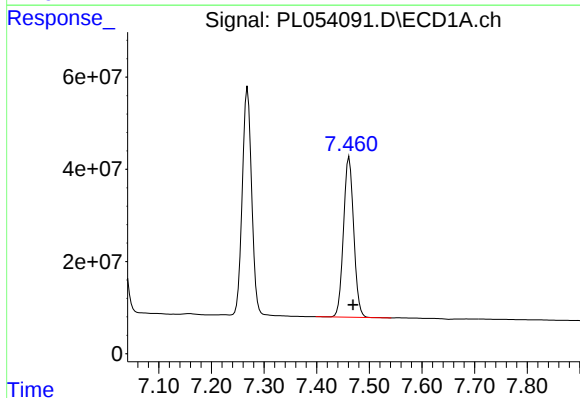
Manual Integrations
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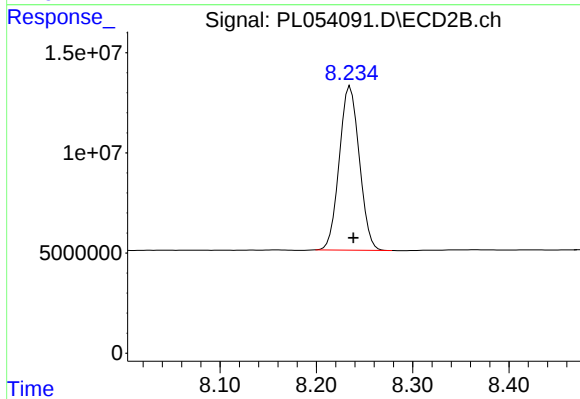
#21 Endrin ketone

R.T.: 7.781 min
Delta R.T.: -0.002 min
Response: 149008318
Conc: 57.79 ng/ml



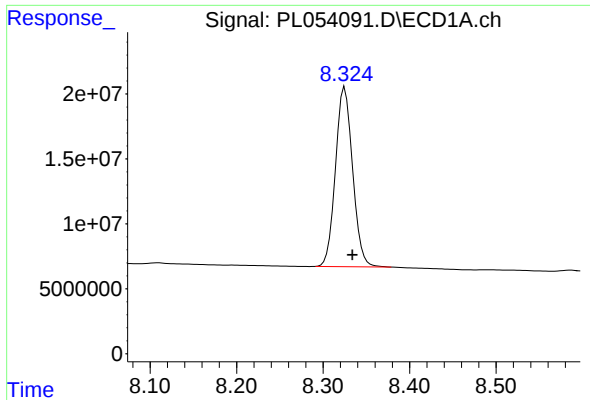
#22 Mirex

R.T.: 7.462 min
Delta R.T.: -0.008 min
Response: 469751553
Conc: 54.92 ng/ml



#22 Mirex

R.T.: 8.235 min
Delta R.T.: -0.003 min
Response: 118218831
Conc: 58.44 ng/ml



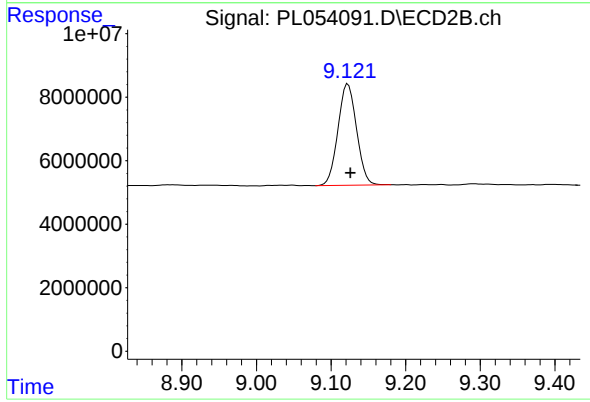
#28 Decachlorobiphenyl

R.T.: 8.325 min
Delta R.T.: -0.009 min
Response: 189395420
Conc: 19.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
TR-05-110519MSD

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 9.123 min
Delta R.T.: -0.003 min
Response: 55353433
Conc: 19.66 ng/ml