

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032420\
 Data File : PL057561.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Mar 2020 20:04
 Operator : AJ\MA
 Sample : L1994-04MSD
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TP-4AMSD

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 25 05:06:24 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031420.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 16 09:40:37 2020
 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...	3.458	3.956	208.0E6	48846657	22.438	22.515
2)	SA Decachlor...	8.205	8.977	182.0E6	42064458	17.200	18.971
Target Compounds							
2)	A alpha-BHC	3.893	4.344	912.3E6	196.3E6	57.269m	61.125
3)	MA gamma-BHC...	4.178	4.626	852.1E6	183.2E6	59.288	58.383
4)	MA Heptachlor	4.479	5.128	858.2E6	187.3E6	57.780	59.501
5)	MB Aldrin	4.726	5.430	783.8E6	179.4E6	56.818	58.806
6)	B beta-BHC	4.430	4.799	358.7E6	87996007	61.019	61.009
7)	B delta-BHC	4.634	5.013	803.3E6	141.6E6	57.232	54.204
8)	B Heptachlo...	5.169	5.814	710.5E6	165.4E6	55.438	60.606
9)	A Endosulfan I	5.507	6.168	647.4E6	167.9E6	54.450	59.026
10)	B gamma-Chl...	5.395	6.047	710.9E6	184.8E6	54.519	59.961
11)	B alpha-Chl...	5.453	6.119	683.2E6	181.0E6	52.869	58.148
12)	B 4,4'-DDE	5.617	6.278	685.1E6	169.8E6	55.002	59.721
13)	MA Dieldrin	5.750	6.424	703.6E6	175.1E6	55.786	59.190
14)	MA Endrin	6.007	6.640	616.6E6	141.3E6	53.941	58.575
15)	B Endosulfa...	6.280	6.850	540.9E6	139.7E6	49.803	53.193
16)	A 4,4'-DDD	6.133	6.766	525.1E6	130.2E6	53.572	57.023
17)	MA 4,4'-DDT	6.373	7.063	526.8E6	126.6E6	52.820	55.575
18)	B Endrin al...	6.448	6.974	476.3E6	122.8E6	51.579	55.236
19)	B Endosulfa...	6.662	7.197	512.6E6	135.7E6	51.039	55.619
20)	A Methoxychlor	6.918	7.522	267.2E6	68142161	49.790	52.393
21)	B Endrin ke...	7.152	7.665	587.1E6	143.0E6	51.945	55.248
22)	Mirex	7.338	8.114	393.1E6	102.5E6	48.539	53.700

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032420\
Data File : PL057561.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Mar 2020 20:04
Operator : AJ\MA
Sample : L1994-04MSD
Misc :
ALS Vial : 32 Sample Multiplier: 1

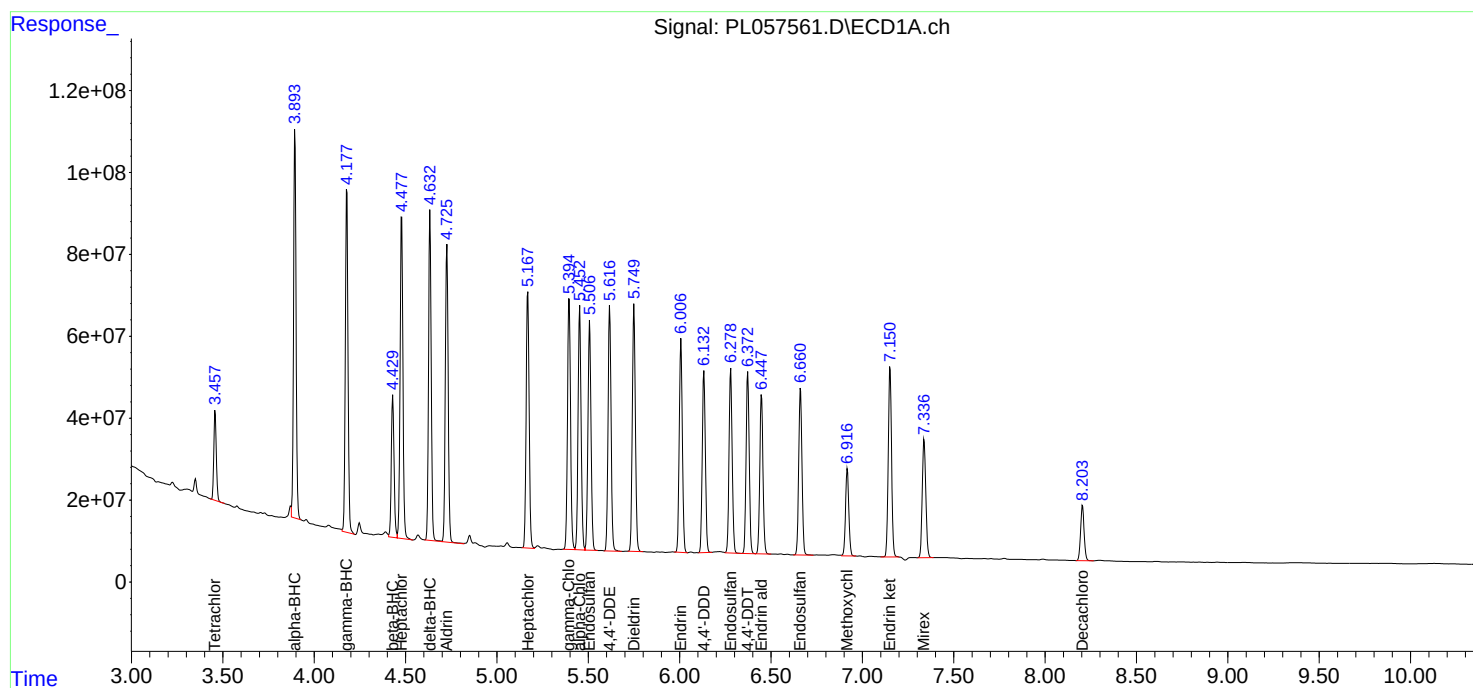
Instrument :
ECD_L
ClientSampled :
TP-4AMSD

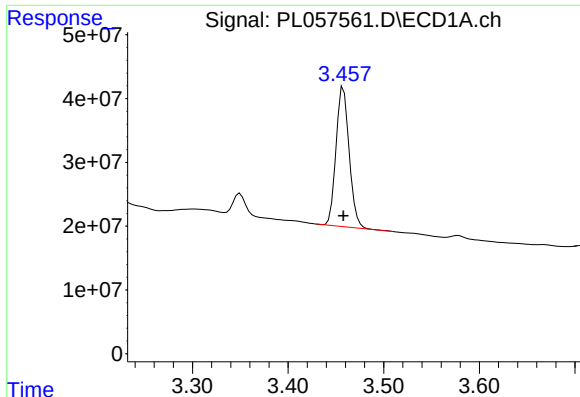
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 25 05:06:24 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031420.M
Quant Title : GC Extractables
QLast Update : Mon Mar 16 09:40:37 2020
Response 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





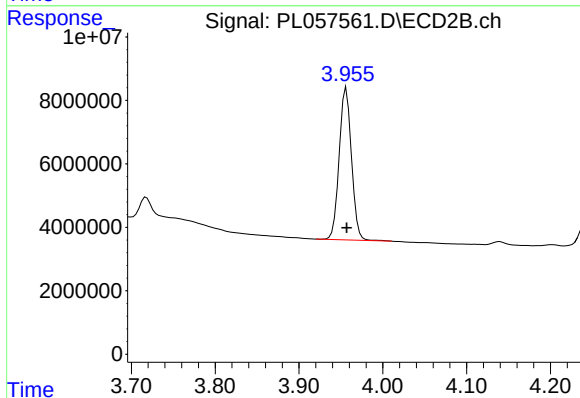
#1 Tetrachloro-m-xylene

R.T.: 3.458 min
Delta R.T.: 0.000 min
Response: 207984539
Conc: 22.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4AMSD

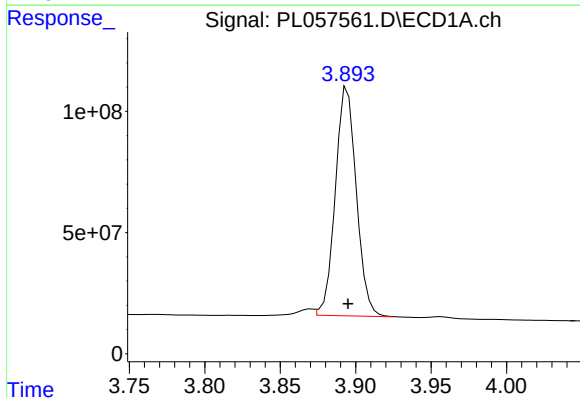
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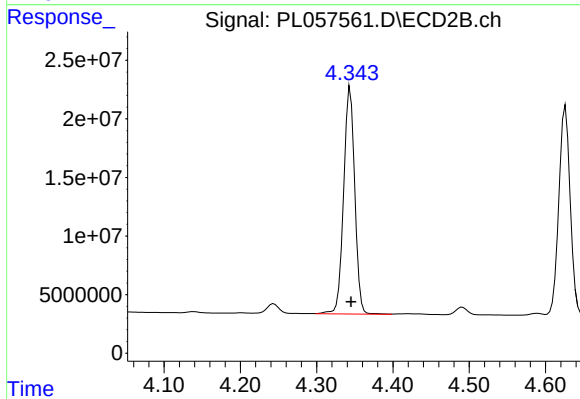
#1 Tetrachloro-m-xylene

R.T.: 3.956 min
Delta R.T.: 0.000 min
Response: 48846657
Conc: 22.51 ng/ml



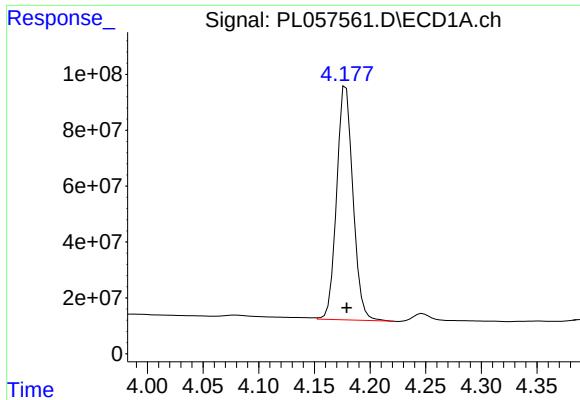
#2 alpha-BHC

R.T.: 3.893 min
Delta R.T.: -0.002 min
Response: 912271146
Conc: 57.27 ng/ml m



#2 alpha-BHC

R.T.: 4.344 min
Delta R.T.: -0.001 min
Response: 196338070
Conc: 61.13 ng/ml



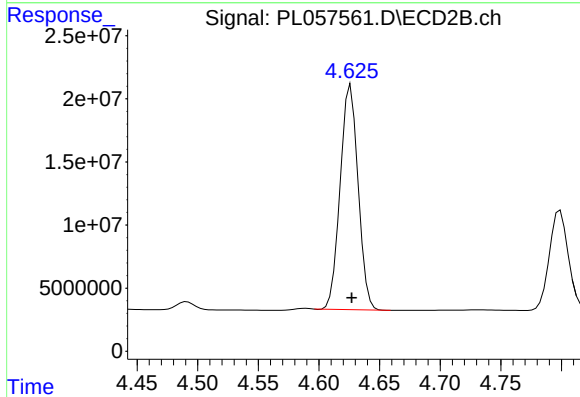
#3 gamma-BHC (Lindane)

R.T.: 4.178 min
Delta R.T.: 0.000 min
Response: 852127657
Conc: 59.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4AMSD

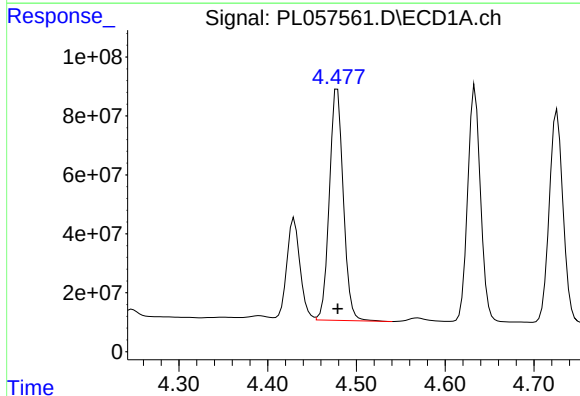
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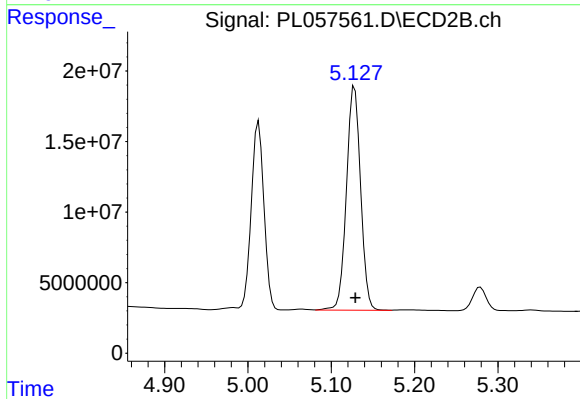
#3 gamma-BHC (Lindane)

R.T.: 4.626 min
Delta R.T.: 0.000 min
Response: 183173418
Conc: 58.38 ng/ml



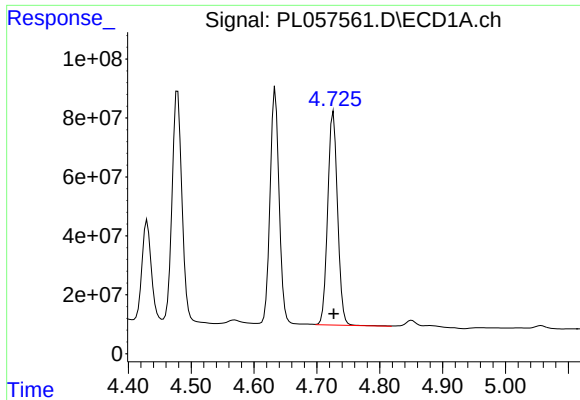
#4 Heptachlor

R.T.: 4.479 min
Delta R.T.: 0.000 min
Response: 858158113
Conc: 57.78 ng/ml



#4 Heptachlor

R.T.: 5.128 min
Delta R.T.: 0.000 min
Response: 187291868
Conc: 59.50 ng/ml



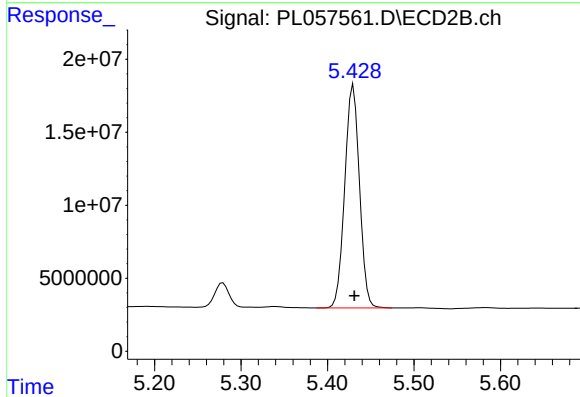
#5 Aldrin

R.T.: 4.726 min
Delta R.T.: 0.000 min
Response: 783766234
Conc: 56.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4AMSD

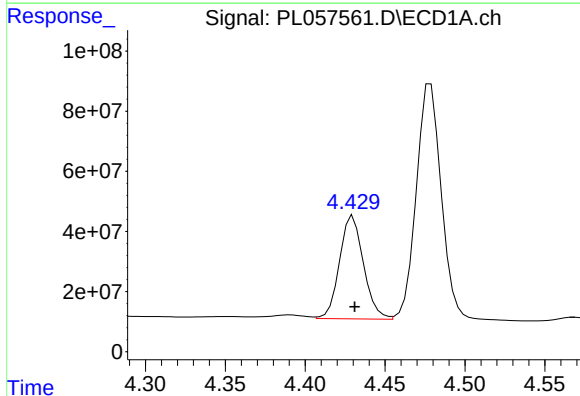
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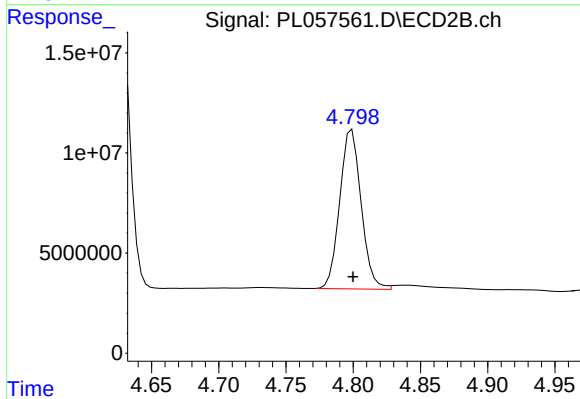
#5 Aldrin

R.T.: 5.430 min
Delta R.T.: -0.001 min
Response: 179401323
Conc: 58.81 ng/ml



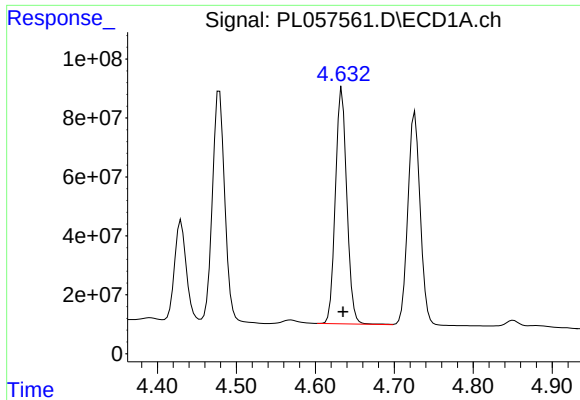
#6 beta-BHC

R.T.: 4.430 min
Delta R.T.: -0.001 min
Response: 358736481
Conc: 61.02 ng/ml



#6 beta-BHC

R.T.: 4.799 min
Delta R.T.: -0.001 min
Response: 87996007
Conc: 61.01 ng/ml



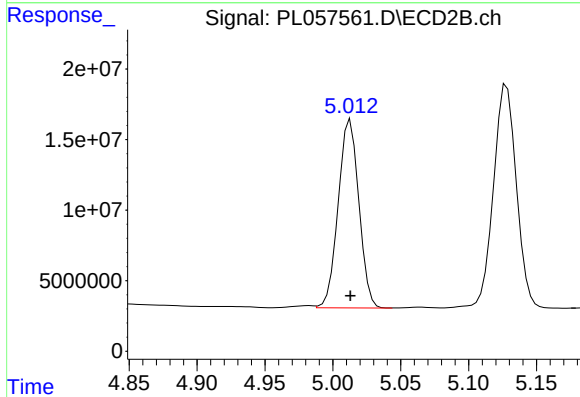
#7 delta-BHC

R.T.: 4.634 min
Delta R.T.: -0.001 min
Response: 803254589
Conc: 57.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4AMSD

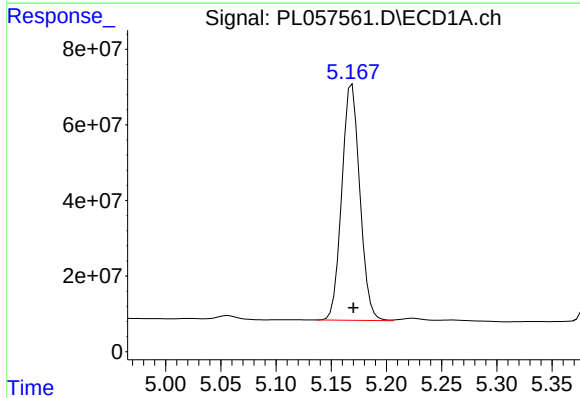
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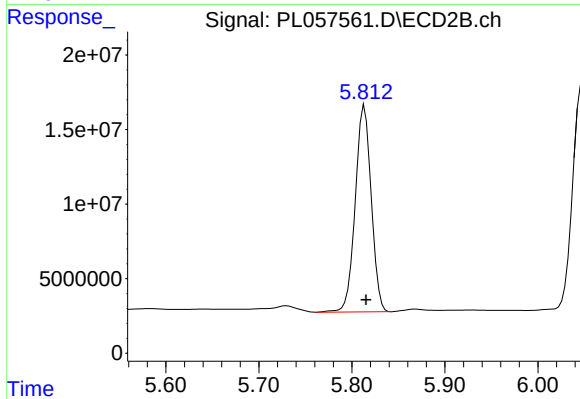
#7 delta-BHC

R.T.: 5.013 min
Delta R.T.: 0.000 min
Response: 141619920
Conc: 54.20 ng/ml



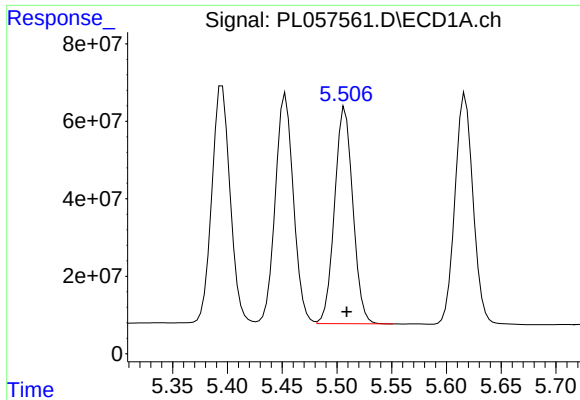
#8 Heptachlor epoxide

R.T.: 5.169 min
Delta R.T.: -0.001 min
Response: 710479070
Conc: 55.44 ng/ml



#8 Heptachlor epoxide

R.T.: 5.814 min
Delta R.T.: -0.002 min
Response: 165373316
Conc: 60.61 ng/ml



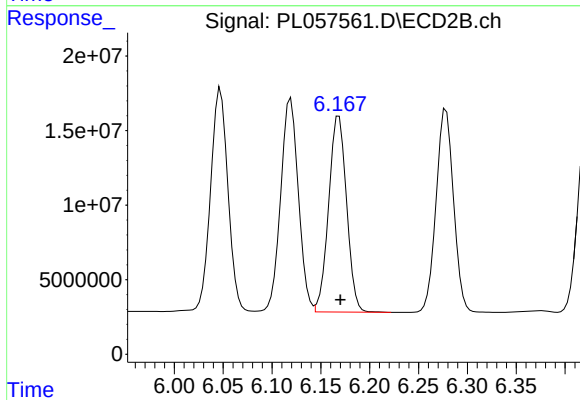
#9 Endosulfan I

R.T.: 5.507 min
Delta R.T.: -0.002 min
Response: 647404599
Conc: 54.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4AMSD

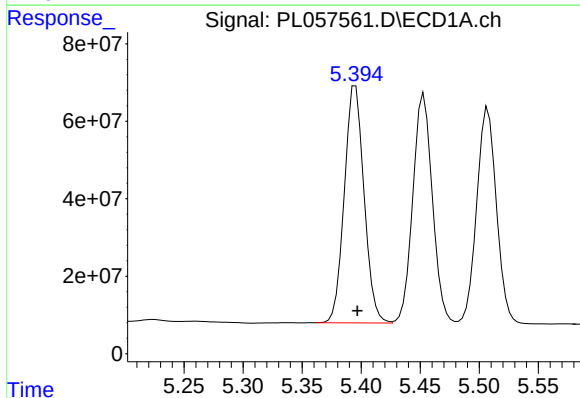
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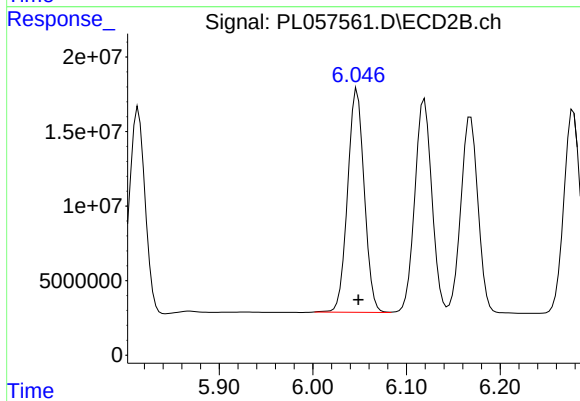
#9 Endosulfan I

R.T.: 6.168 min
Delta R.T.: -0.002 min
Response: 167948603
Conc: 59.03 ng/ml



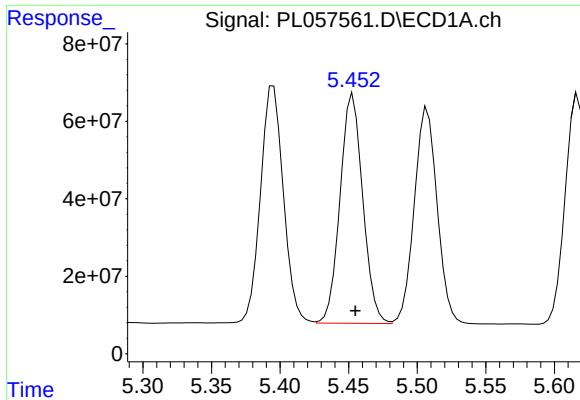
#10 gamma-Chlordane

R.T.: 5.395 min
Delta R.T.: -0.002 min
Response: 710933304
Conc: 54.52 ng/ml



#10 gamma-Chlordane

R.T.: 6.047 min
Delta R.T.: -0.001 min
Response: 184807056
Conc: 59.96 ng/ml



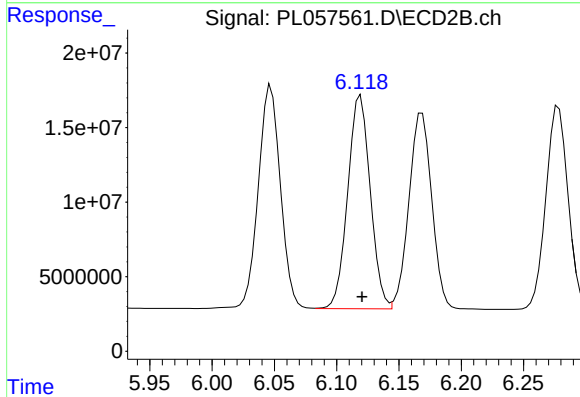
#11 alpha-Chlordane

R.T.: 5.453 min
Delta R.T.: -0.002 min
Response: 683209242
Conc: 52.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4AMSD

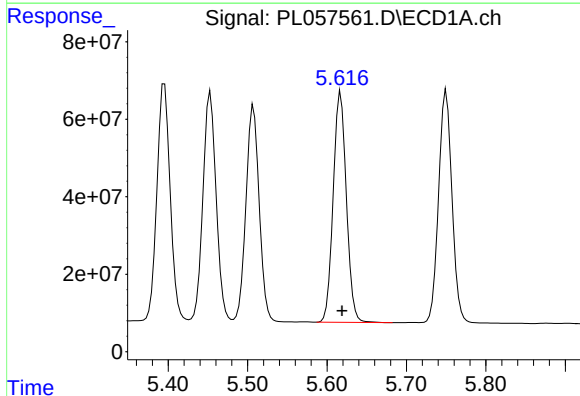
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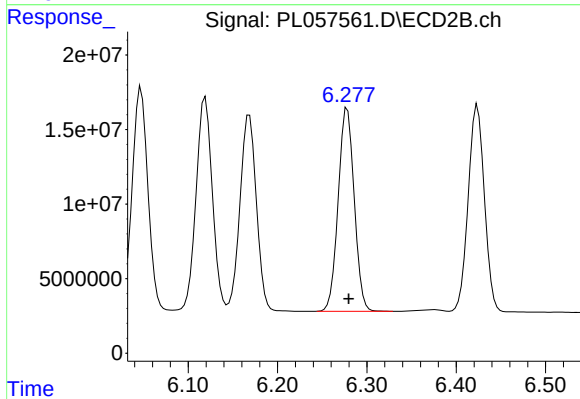
#11 alpha-Chlordane

R.T.: 6.119 min
Delta R.T.: -0.001 min
Response: 180994927
Conc: 58.15 ng/ml



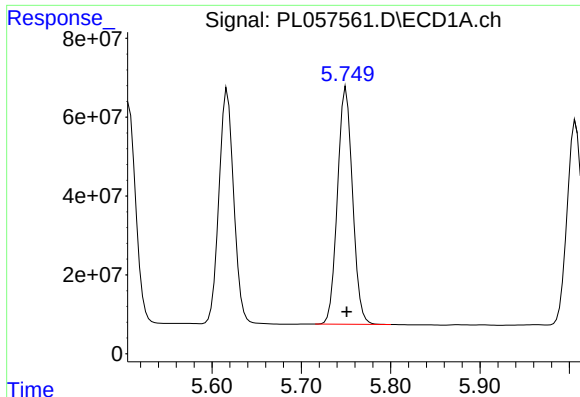
#12 4,4'-DDE

R.T.: 5.617 min
Delta R.T.: -0.002 min
Response: 685084797
Conc: 55.00 ng/ml



#12 4,4'-DDE

R.T.: 6.278 min
Delta R.T.: -0.001 min
Response: 169753333
Conc: 59.72 ng/ml



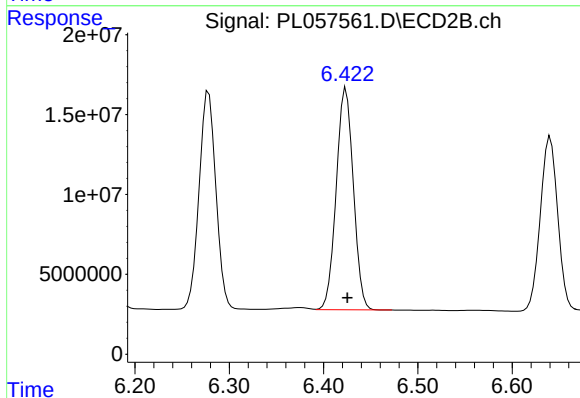
#13 Dieldrin

R.T.: 5.750 min
Delta R.T.: 0.000 min
Response: 703610639
Conc: 55.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4AMSD

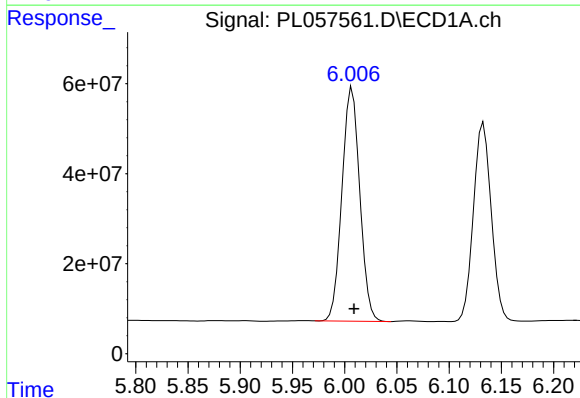
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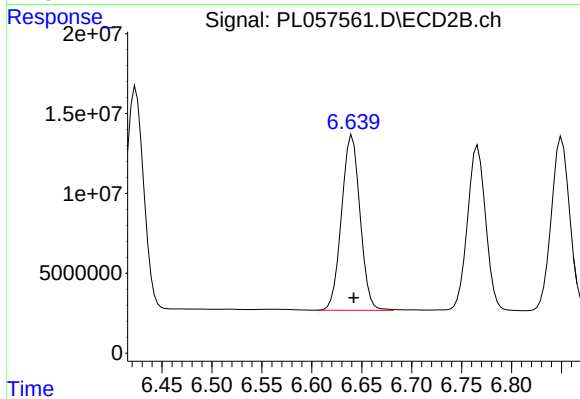
#13 Dieldrin

R.T.: 6.424 min
Delta R.T.: -0.002 min
Response: 175081333
Conc: 59.19 ng/ml



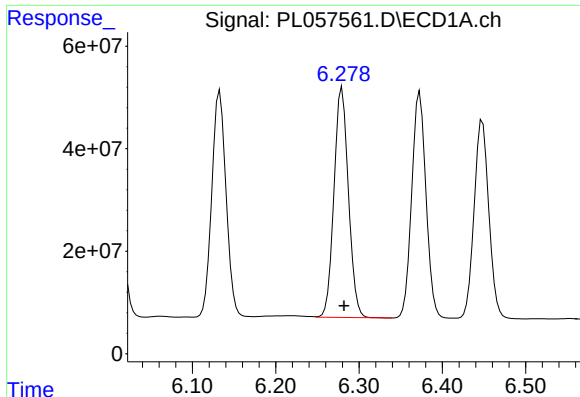
#14 Endrin

R.T.: 6.007 min
Delta R.T.: -0.002 min
Response: 616620962
Conc: 53.94 ng/ml



#14 Endrin

R.T.: 6.640 min
Delta R.T.: -0.002 min
Response: 141327192
Conc: 58.57 ng/ml



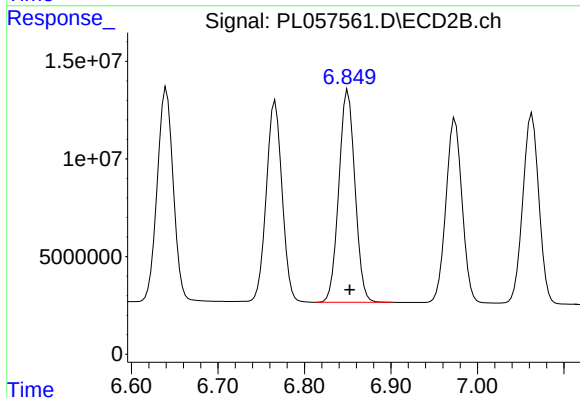
#15 Endosulfan II

R.T.: 6.280 min
Delta R.T.: -0.002 min
Response: 540903799
Conc: 49.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4AMSD

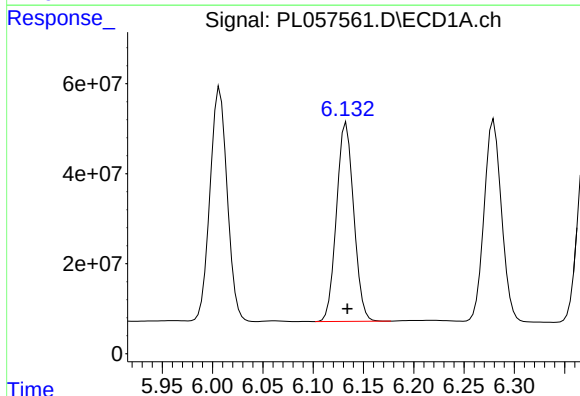
Manual Integrations
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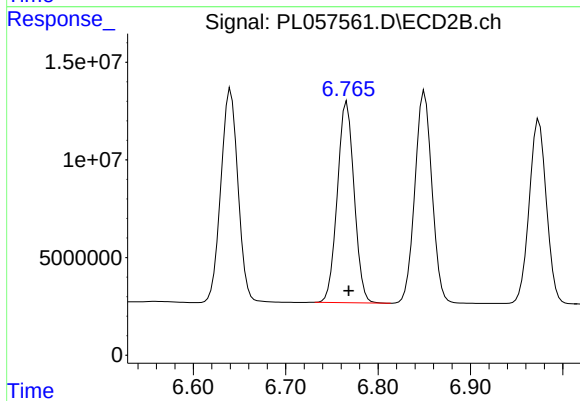
#15 Endosulfan II

R.T.: 6.850 min
Delta R.T.: -0.002 min
Response: 139730449
Conc: 53.19 ng/ml



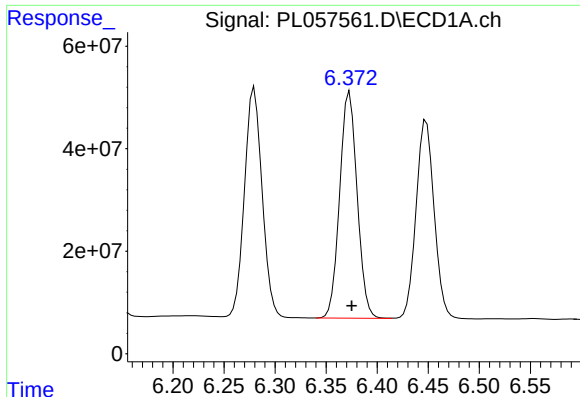
#16 4,4'-DDD

R.T.: 6.133 min
Delta R.T.: -0.001 min
Response: 525079398
Conc: 53.57 ng/ml



#16 4,4'-DDD

R.T.: 6.766 min
Delta R.T.: -0.002 min
Response: 130225264
Conc: 57.02 ng/ml



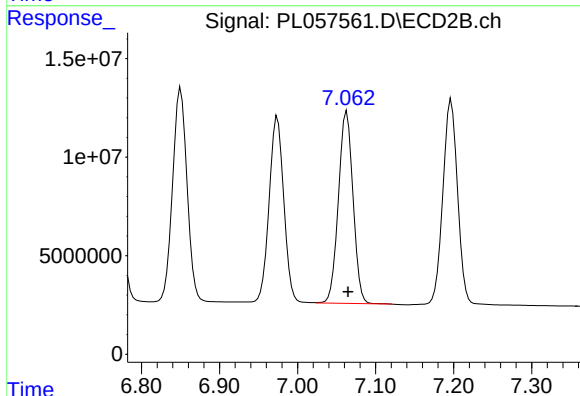
#17 4,4'-DDT

R.T.: 6.373 min
Delta R.T.: -0.002 min
Response: 526766937
Conc: 52.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4AMSD

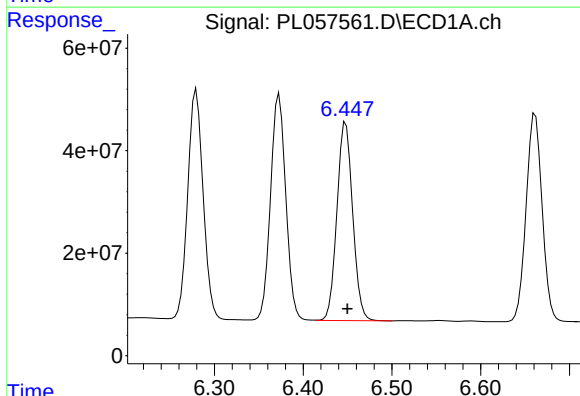
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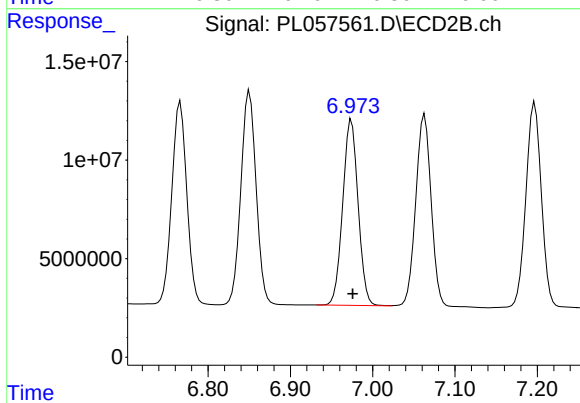
#17 4,4'-DDT

R.T.: 7.063 min
Delta R.T.: -0.002 min
Response: 126580904
Conc: 55.58 ng/ml



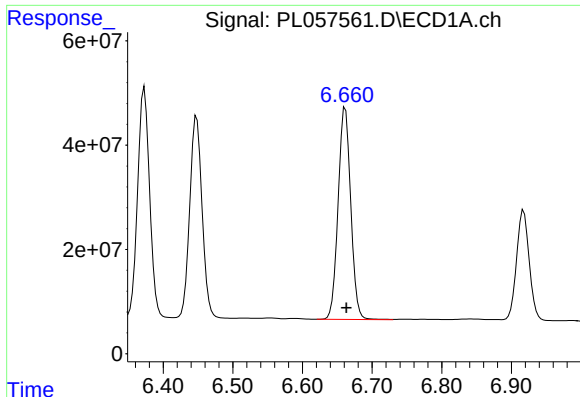
#18 Endrin aldehyde

R.T.: 6.448 min
Delta R.T.: -0.002 min
Response: 476342514
Conc: 51.58 ng/ml



#18 Endrin aldehyde

R.T.: 6.974 min
Delta R.T.: -0.002 min
Response: 122792488
Conc: 55.24 ng/ml



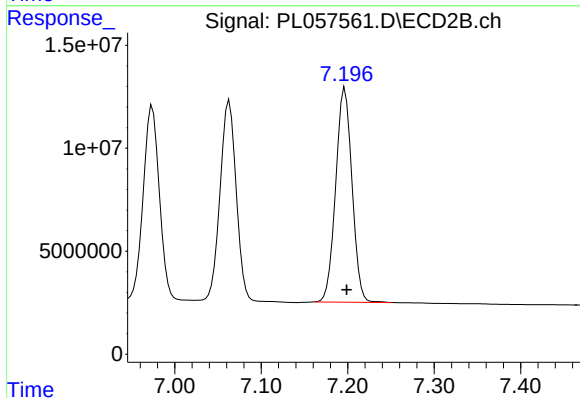
#19 Endosulfan Sulfate

R.T.: 6.662 min
Delta R.T.: -0.002 min
Response: 512563236
Conc: 51.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4AMSD

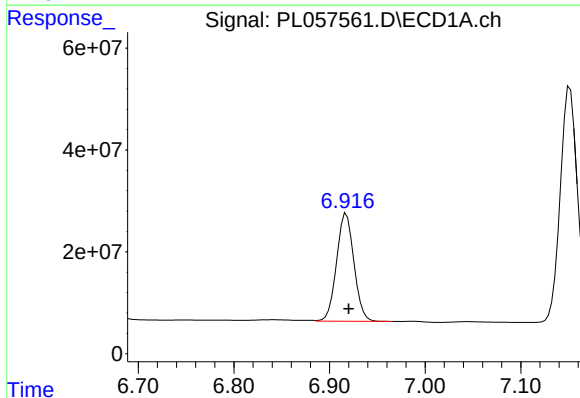
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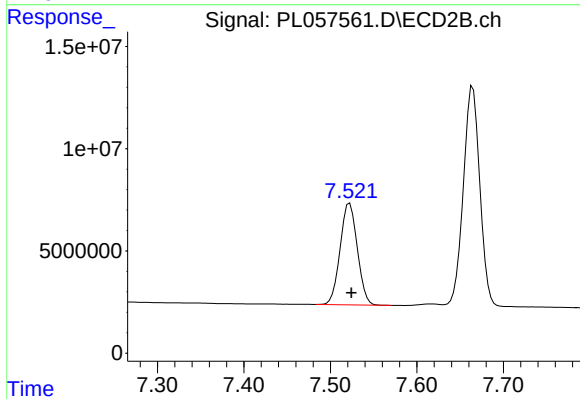
#19 Endosulfan Sulfate

R.T.: 7.197 min
Delta R.T.: -0.002 min
Response: 135657172
Conc: 55.62 ng/ml



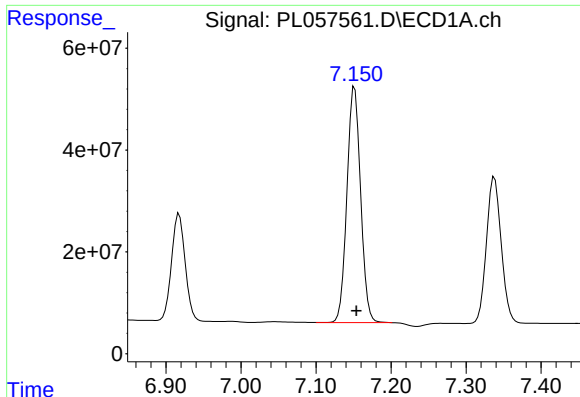
#20 Methoxychlor

R.T.: 6.918 min
Delta R.T.: -0.002 min
Response: 267163994
Conc: 49.79 ng/ml



#20 Methoxychlor

R.T.: 7.522 min
Delta R.T.: -0.002 min
Response: 68142161
Conc: 52.39 ng/ml



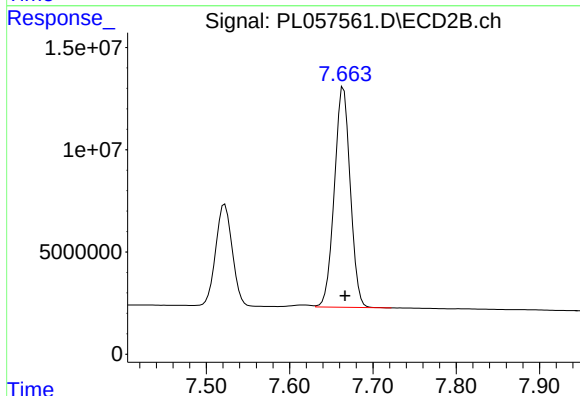
#21 Endrin ketone

R.T.: 7.152 min
Delta R.T.: -0.002 min
Response: 587117424
Conc: 51.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4AMSD

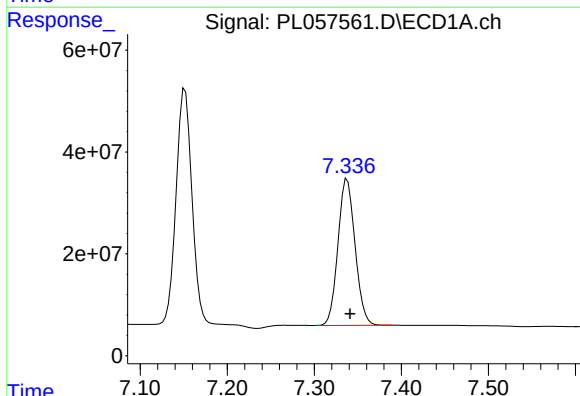
Manual Integrations
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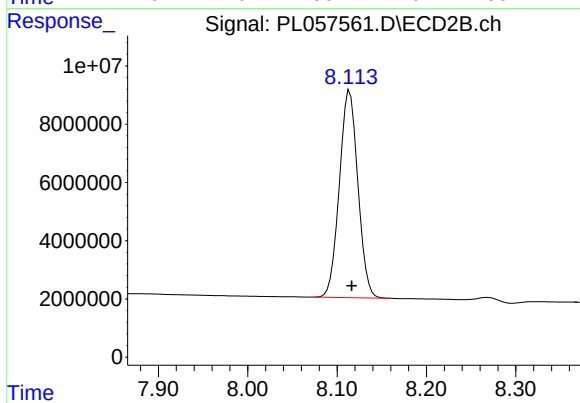
#21 Endrin ketone

R.T.: 7.665 min
Delta R.T.: -0.002 min
Response: 143016221
Conc: 55.25 ng/ml



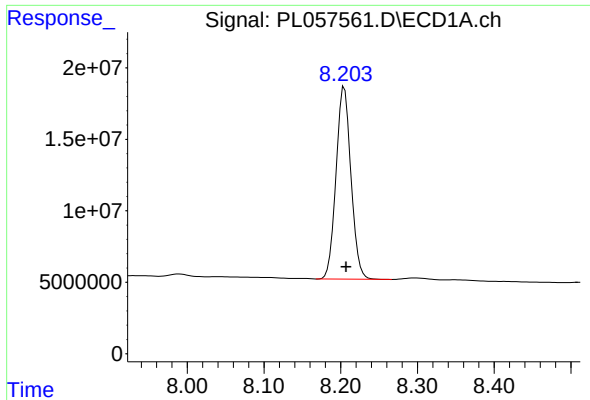
#22 Mirex

R.T.: 7.338 min
Delta R.T.: -0.003 min
Response: 393133297
Conc: 48.54 ng/ml



#22 Mirex

R.T.: 8.114 min
Delta R.T.: -0.002 min
Response: 102542692
Conc: 53.70 ng/ml



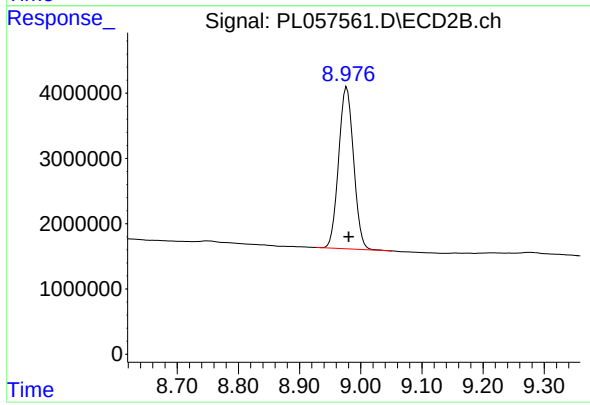
#28 Decachlorobiphenyl

R.T.: 8.205 min
Delta R.T.: -0.002 min
Response: 181999683
Conc: 17.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-4AMSD

Manual Integrations
APPROVED

mohammad
3/26/2020 11:37:50 AM



#28 Decachlorobiphenyl

R.T.: 8.977 min
Delta R.T.: -0.003 min
Response: 42064458
Conc: 18.97 ng/ml