

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL083019\
 Data File : PL052047.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Aug 2019 15:45
 Operator : SG\AJ
 Sample : K4591-03MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SB-3-30-32MS

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 30 22:48:38 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL081919.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 19 18:03:07 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...	3.313	3.923	184.4E6	47487895	21.540	21.735
28)	SA Decachlor...	7.971	8.948	199.8E6	51032604	16.460	16.766
Target Compounds							
2)	A alpha-BHC	3.740	4.312	943.9E6	189.3E6	65.143	58.757
3)	MA gamma-BHC...	4.016	4.595	902.6E6	186.1E6	68.601	59.113
4)	MA Heptachlor	4.298	5.095	994.3E6	209.9E6	65.677	59.855
5)	MB Aldrin	4.536	5.397	956.1E6	207.8E6	66.163	63.374
6)	B beta-BHC	4.270	4.772	387.9E6	89599689	67.926	61.478
7)	B delta-BHC	4.463	4.985	917.7E6	179.9E6	61.718	57.472
8)	B Heptachlor...	4.972	5.784	900.7E6	205.1E6	64.404	60.776
9)	A Endosulfan I	5.302	6.138	867.4E6	198.6E6	64.519	61.410
10)	B gamma-Chl...	5.195	6.018	938.1E6	207.9E6	62.824	56.940
11)	B alpha-Chl...	5.250	6.089	910.4E6	210.5E6	62.911	60.998
12)	B 4,4'-DDE	5.417	6.250	908.8E6	215.7E6	66.404	61.277
13)	MA Dieldrin	5.541	6.394	939.4E6	212.4E6	61.780	62.034
14)	MA Endrin	5.793	6.611	874.2E6	184.7E6	59.937	61.072
15)	B Endosulfa...	6.068	6.824	822.9E6	189.3E6	59.139	57.447
16)	A 4,4'-DDD	5.928	6.740	746.8E6	172.4E6	60.984	63.684
17)	MA 4,4'-DDT	6.162	7.035	752.7E6	172.8E6	59.029	59.038m
18)	B Endrin al...	6.235	6.947	651.9E6	156.0E6	56.041	55.186m
19)	B Endosulfa...	6.447	7.171	753.7E6	187.2E6	57.937	60.614
20)	A Methoxychlor	6.706	7.498	376.3E6	94196531	55.497	56.163
21)	B Endrin ke...	6.928	7.639	843.8E6	197.4E6	59.647	61.702
22)	Mirex	7.100	8.087	578.2E6	138.5E6	54.614	56.944

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL083019\
 Data File : PL052047.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Aug 2019 15:45
 Operator : SG\AJ
 Sample : K4591-03MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

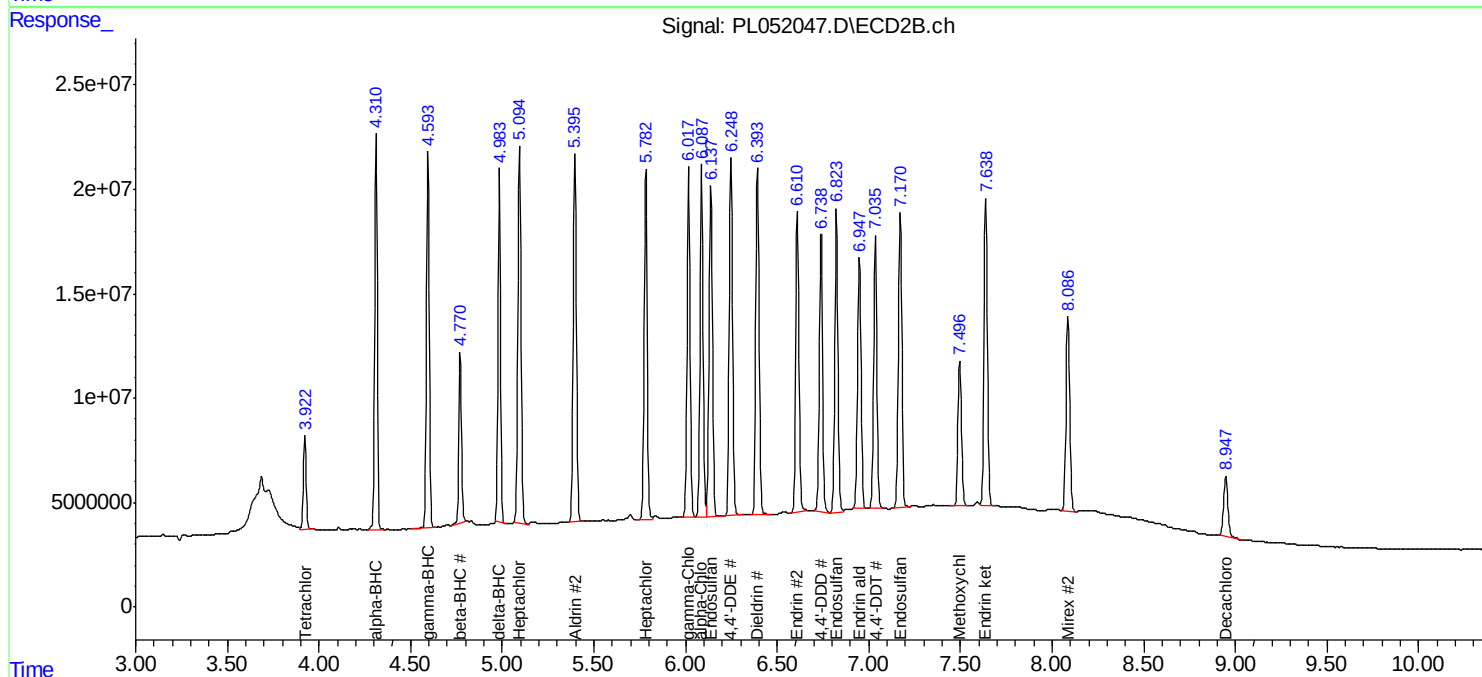
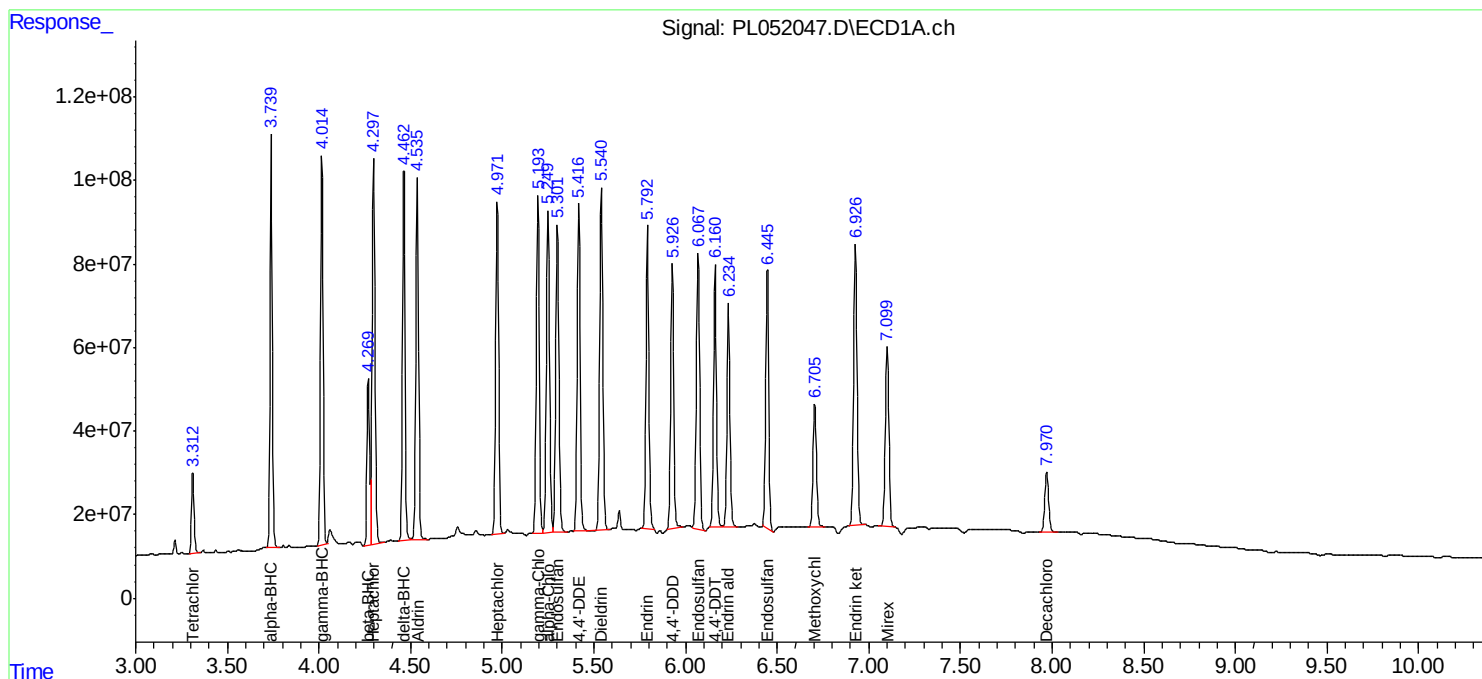
Instrument :
 ECD_L
 ClientSampled :
 SB-3-30-32MS

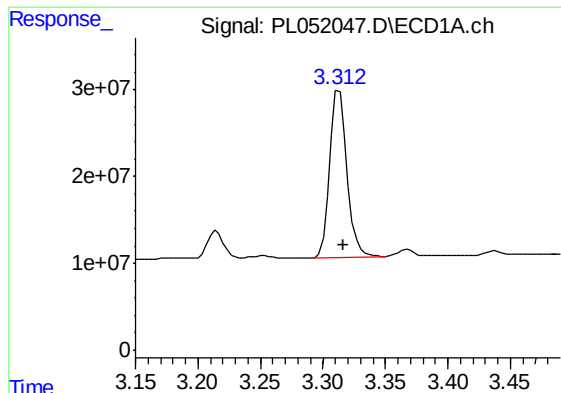
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 30 22:48:38 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL081919.M
 Quant Title : GC Extractables
 QLast Update : Mon Aug 19 18:03:07 2019
 Response 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





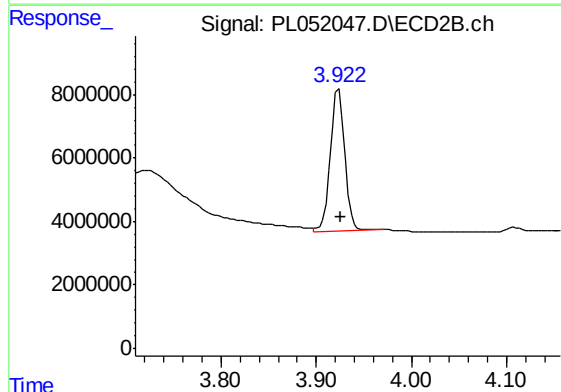
#1 Tetrachloro-m-xylene

R.T.: 3.313 min
Delta R.T.: -0.003 min
Response: 184355279
Conc: 21.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-3-30-32MS

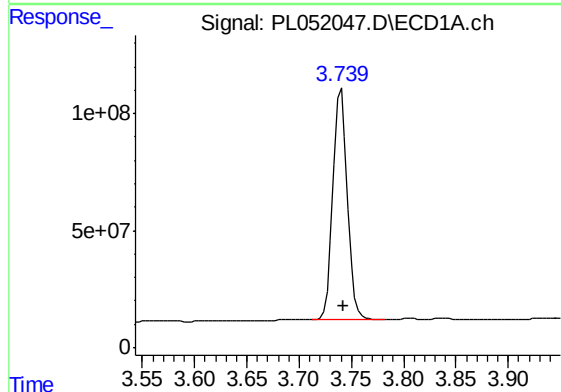
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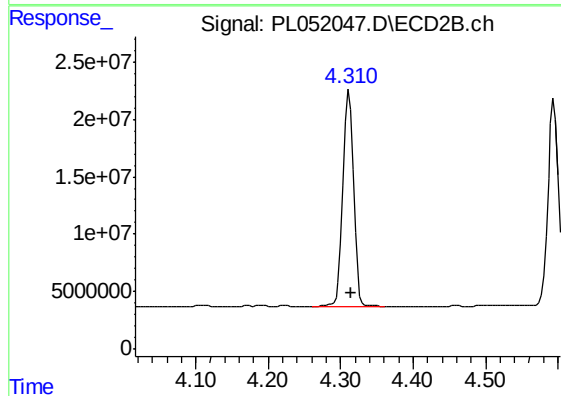
#1 Tetrachloro-m-xylene

R.T.: 3.923 min
Delta R.T.: -0.003 min
Response: 47487895
Conc: 21.74 ng/ml



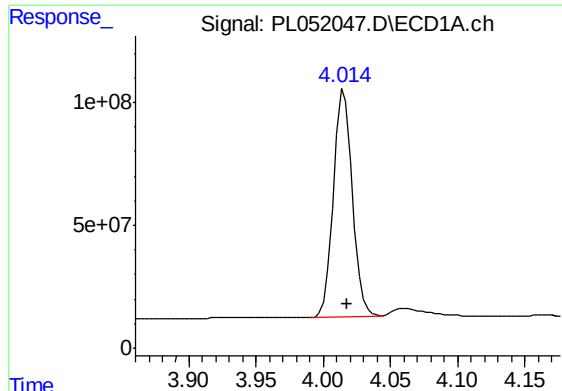
#2 alpha-BHC

R.T.: 3.740 min
Delta R.T.: -0.002 min
Response: 943906033
Conc: 65.14 ng/ml



#2 alpha-BHC

R.T.: 4.312 min
Delta R.T.: -0.003 min
Response: 189338012
Conc: 58.76 ng/ml



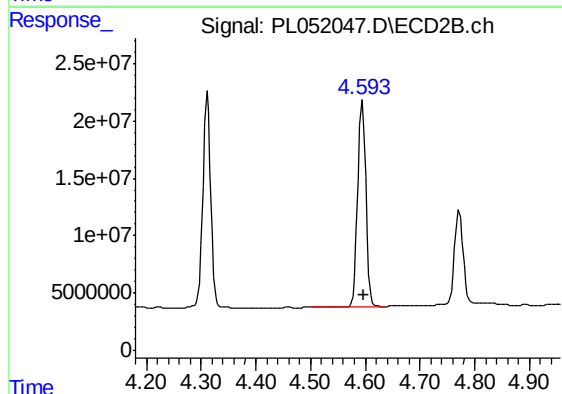
#3 gamma-BHC (Lindane)

R.T.: 4.016 min
Delta R.T.: -0.002 min
Response: 902554785
Conc: 68.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-3-30-32MS

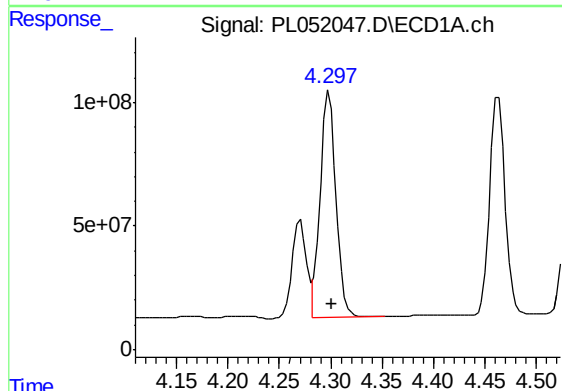
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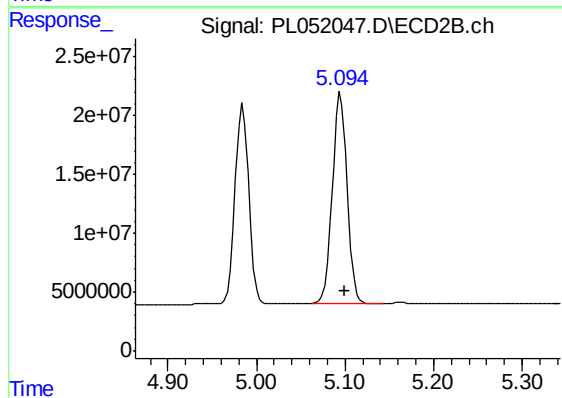
#3 gamma-BHC (Lindane)

R.T.: 4.595 min
Delta R.T.: -0.003 min
Response: 186105087
Conc: 59.11 ng/ml



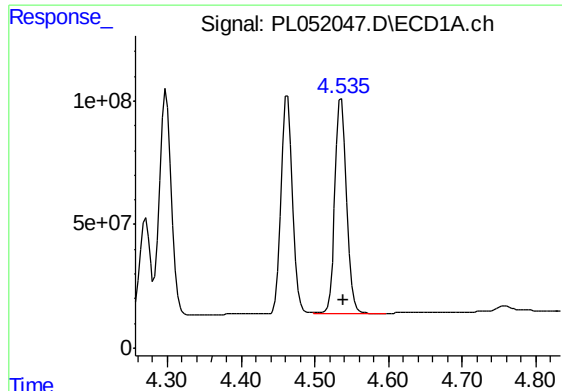
#4 Heptachlor

R.T.: 4.298 min
Delta R.T.: -0.003 min
Response: 994271435
Conc: 65.68 ng/ml



#4 Heptachlor

R.T.: 5.095 min
Delta R.T.: -0.004 min
Response: 209905409
Conc: 59.85 ng/ml



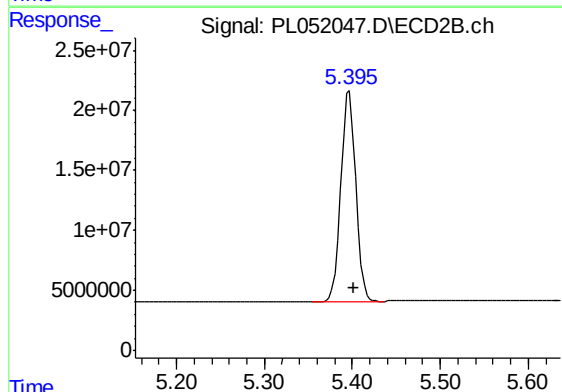
#5 Aldrin

R.T.: 4.536 min
Delta R.T.: -0.003 min
Response: 956107118
Conc: 66.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-3-30-32MS

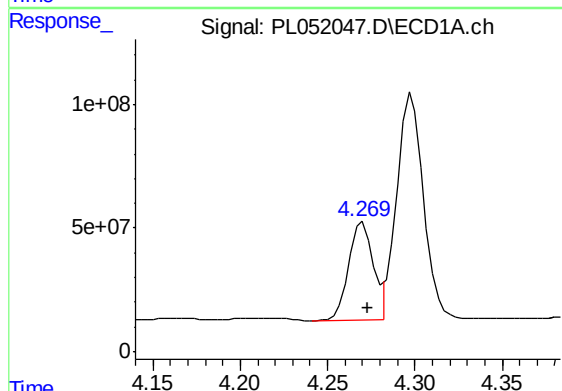
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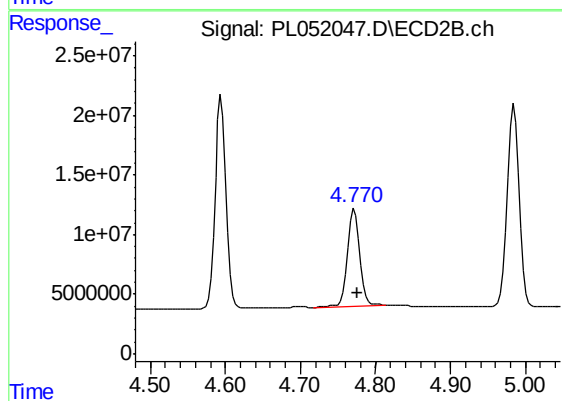
#5 Aldrin

R.T.: 5.397 min
Delta R.T.: -0.004 min
Response: 207795284
Conc: 63.37 ng/ml



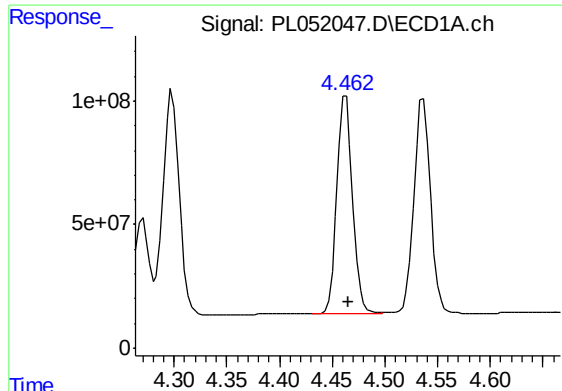
#6 beta-BHC

R.T.: 4.270 min
Delta R.T.: -0.003 min
Response: 387865320
Conc: 67.93 ng/ml



#6 beta-BHC

R.T.: 4.772 min
Delta R.T.: -0.004 min
Response: 89599689
Conc: 61.48 ng/ml



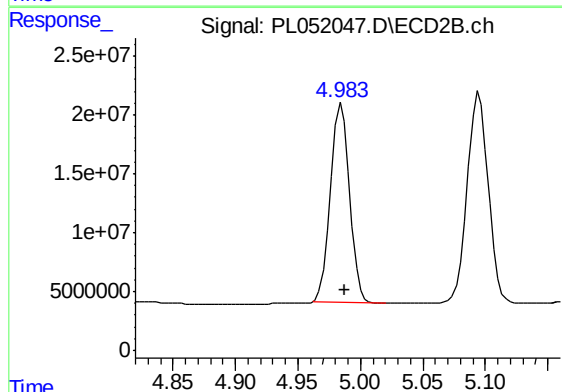
#7 delta-BHC

R.T.: 4.463 min
Delta R.T.: -0.003 min
Response: 917696937
Conc: 61.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-3-30-32MS

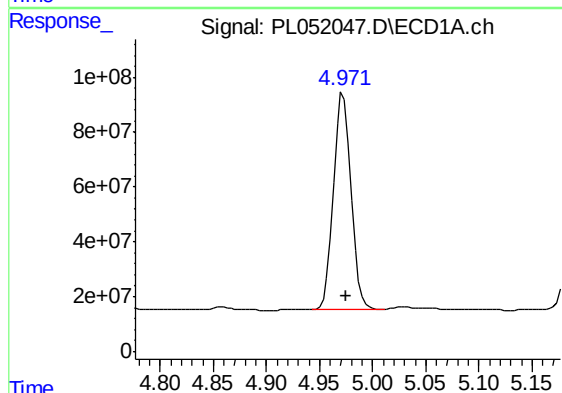
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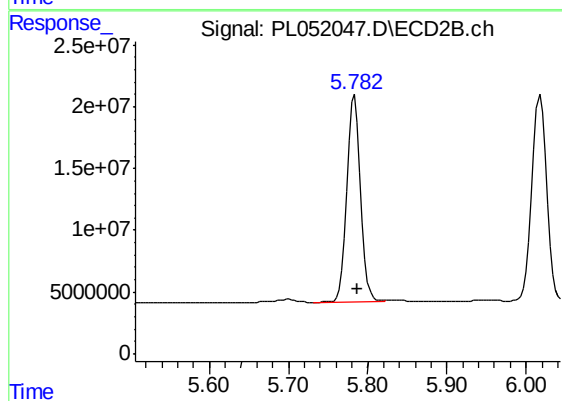
#7 delta-BHC

R.T.: 4.985 min
Delta R.T.: -0.003 min
Response: 179873439
Conc: 57.47 ng/ml



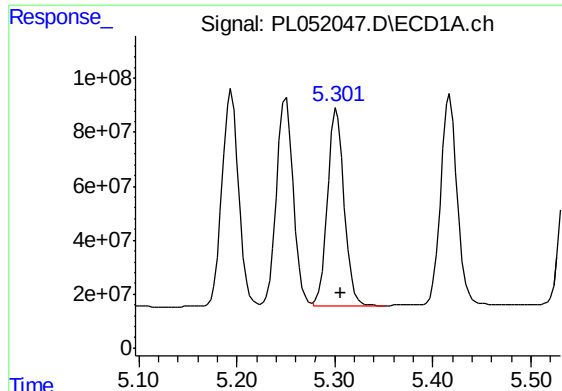
#8 Heptachlor epoxide

R.T.: 4.972 min
Delta R.T.: -0.003 min
Response: 900715060
Conc: 64.40 ng/ml



#8 Heptachlor epoxide

R.T.: 5.784 min
Delta R.T.: -0.003 min
Response: 205107575
Conc: 60.78 ng/ml



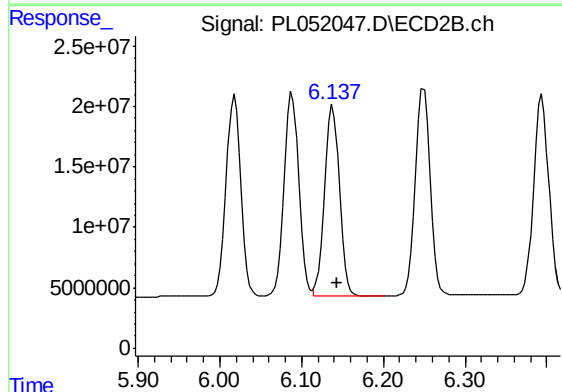
#9 Endosulfan I

R.T.: 5.302 min
Delta R.T.: -0.004 min
Response: 867370423
Conc: 64.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-3-30-32MS

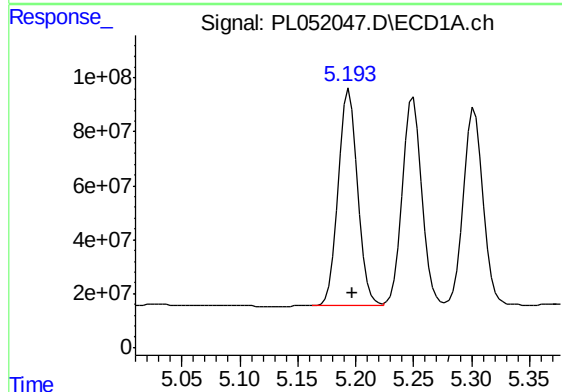
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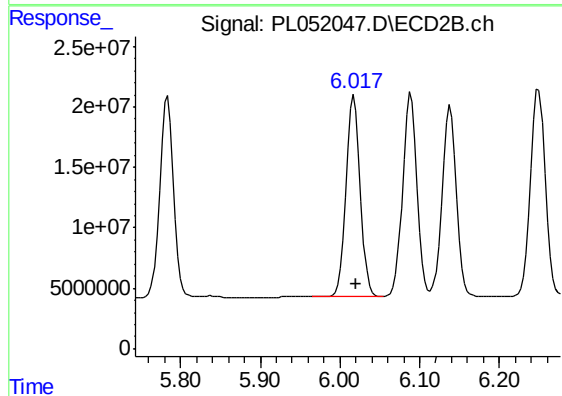
#9 Endosulfan I

R.T.: 6.138 min
Delta R.T.: -0.005 min
Response: 198551734
Conc: 61.41 ng/ml



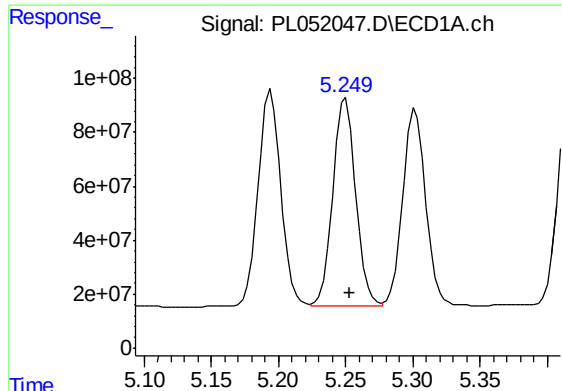
#10 gamma-Chlordane

R.T.: 5.195 min
Delta R.T.: -0.003 min
Response: 938085576
Conc: 62.82 ng/ml



#10 gamma-Chlordane

R.T.: 6.018 min
Delta R.T.: -0.002 min
Response: 207889062
Conc: 56.94 ng/ml



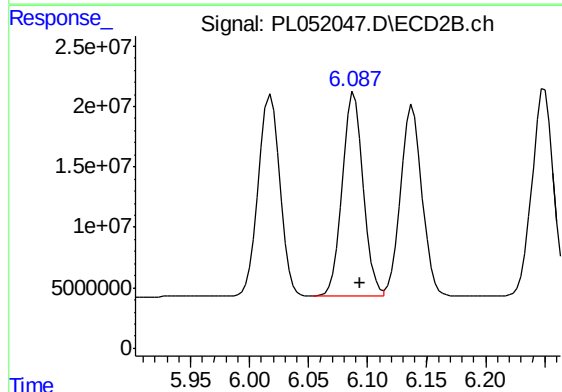
#11 alpha-Chlordane

R.T.: 5.250 min
Delta R.T.: -0.003 min
Response: 910399062
Conc: 62.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-3-30-32MS

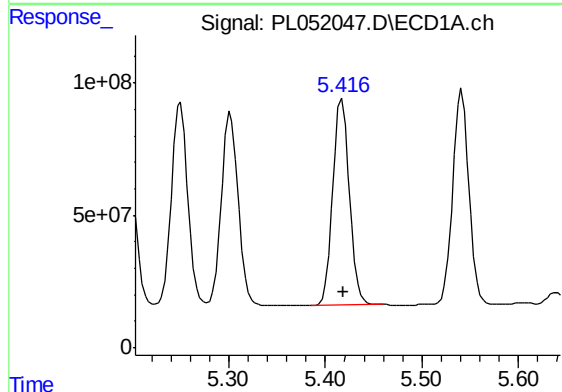
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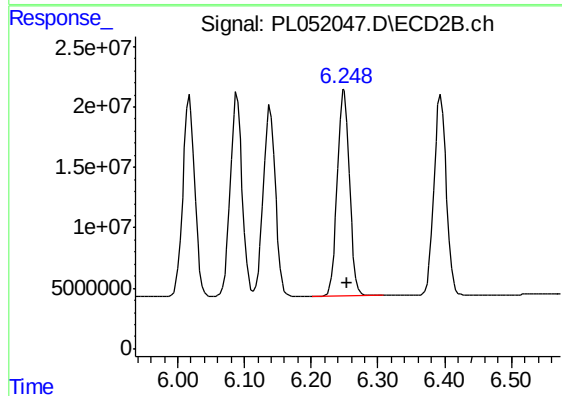
#11 alpha-Chlordane

R.T.: 6.089 min
Delta R.T.: -0.004 min
Response: 210502512
Conc: 61.00 ng/ml



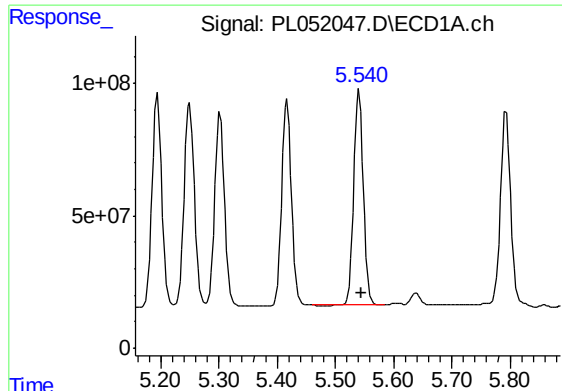
#12 4,4'-DDE

R.T.: 5.417 min
Delta R.T.: -0.002 min
Response: 908781150
Conc: 66.40 ng/ml



#12 4,4'-DDE

R.T.: 6.250 min
Delta R.T.: -0.004 min
Response: 215700247
Conc: 61.28 ng/ml



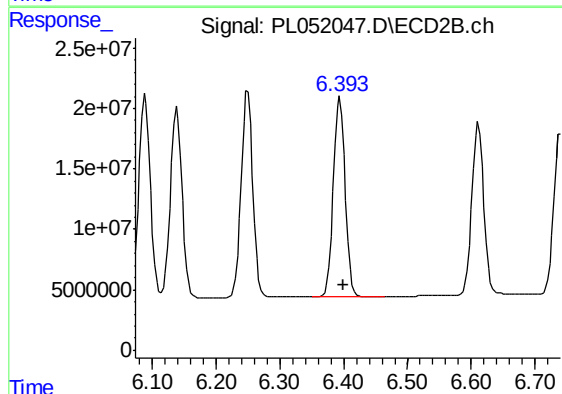
#13 Dieldrin

R.T.: 5.541 min
Delta R.T.: -0.003 min
Response: 939354044
Conc: 61.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-3-30-32MS

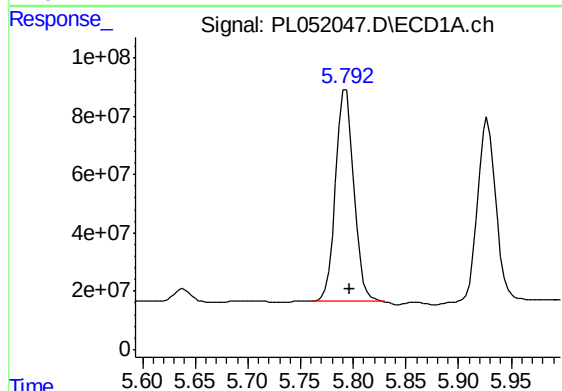
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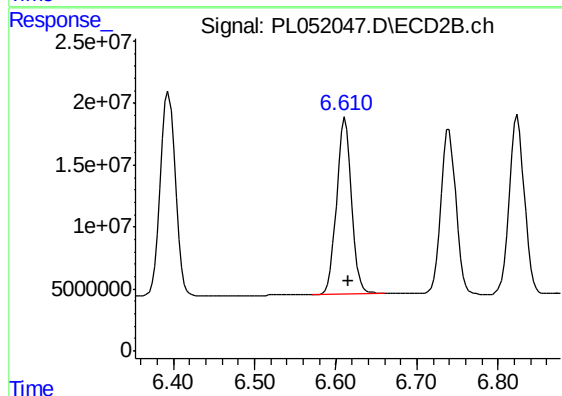
#13 Dieldrin

R.T.: 6.394 min
Delta R.T.: -0.005 min
Response: 212439394
Conc: 62.03 ng/ml



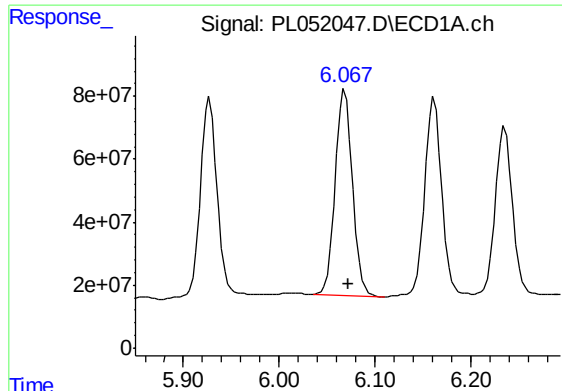
#14 Endrin

R.T.: 5.793 min
Delta R.T.: -0.003 min
Response: 874248215
Conc: 59.94 ng/ml



#14 Endrin

R.T.: 6.611 min
Delta R.T.: -0.004 min
Response: 184718840
Conc: 61.07 ng/ml



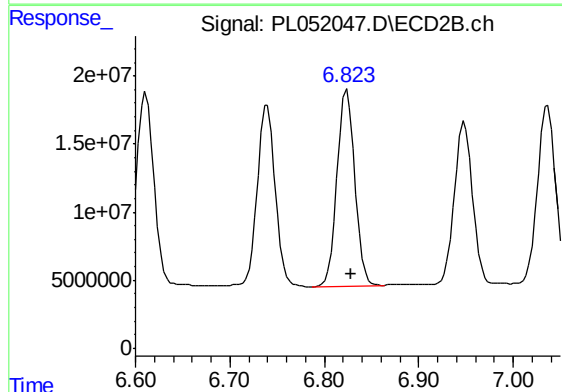
#15 Endosulfan II

R.T.: 6.068 min
Delta R.T.: -0.003 min
Response: 822862592
Conc: 59.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-3-30-32MS

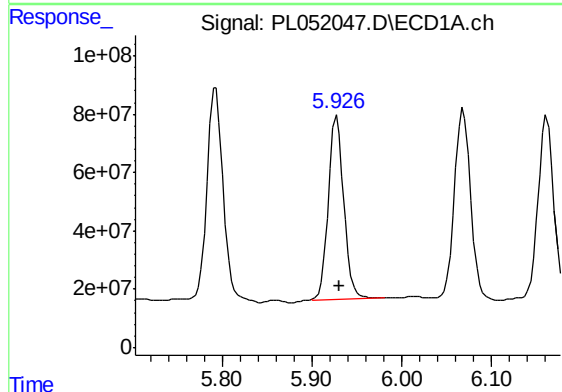
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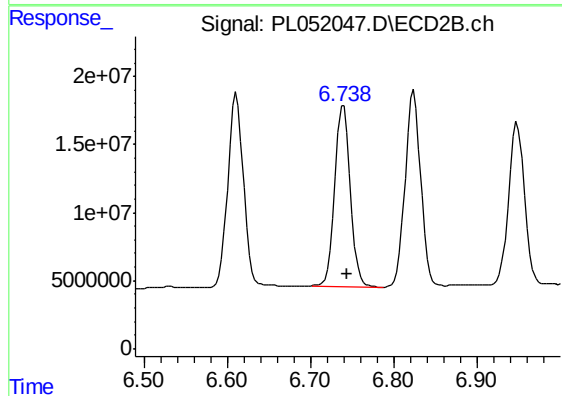
#15 Endosulfan II

R.T.: 6.824 min
Delta R.T.: -0.005 min
Response: 189345434
Conc: 57.45 ng/ml



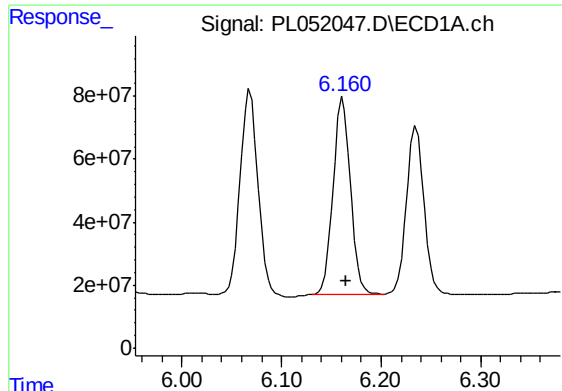
#16 4,4'-DDD

R.T.: 5.928 min
Delta R.T.: -0.004 min
Response: 746782134
Conc: 60.98 ng/ml



#16 4,4'-DDD

R.T.: 6.740 min
Delta R.T.: -0.005 min
Response: 172414364
Conc: 63.68 ng/ml



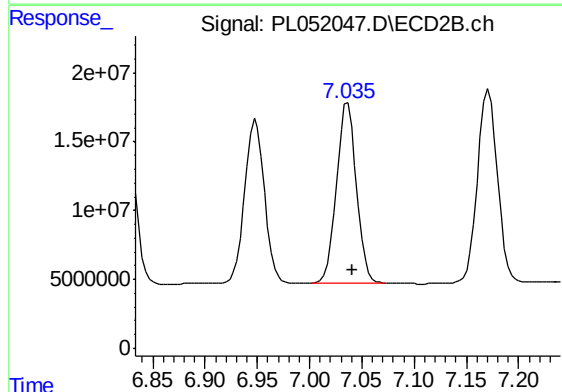
#17 4,4'-DDT

R.T.: 6.162 min
Delta R.T.: -0.003 min
Response: 752691867
Conc: 59.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-3-30-32MS

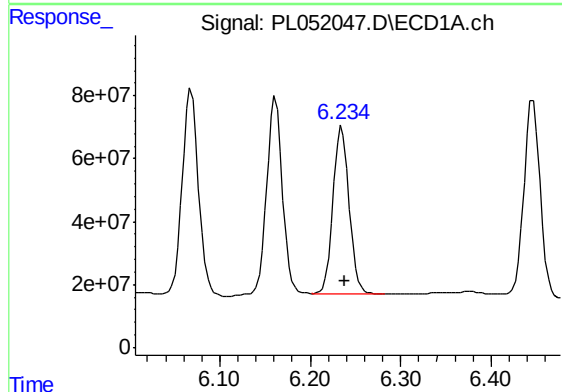
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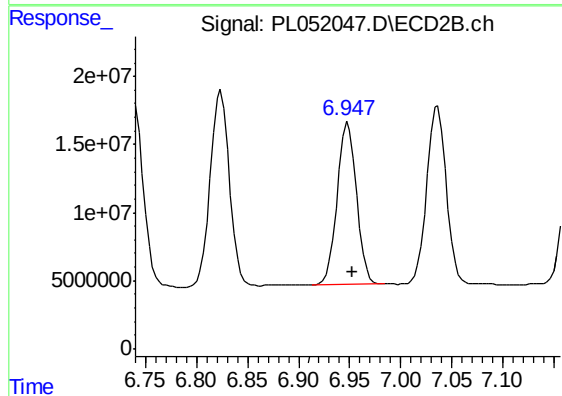
#17 4,4'-DDT

R.T.: 7.035 min
Delta R.T.: -0.006 min
Response: 172846034
Conc: 59.04 ng/ml m



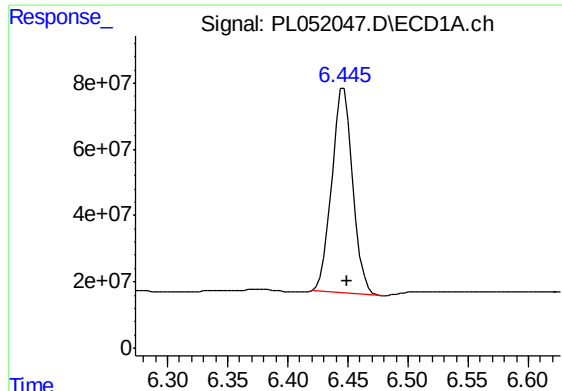
#18 Endrin aldehyde

R.T.: 6.235 min
Delta R.T.: -0.004 min
Response: 651938194
Conc: 56.04 ng/ml



#18 Endrin aldehyde

R.T.: 6.947 min
Delta R.T.: -0.006 min
Response: 155965989
Conc: 55.19 ng/ml m



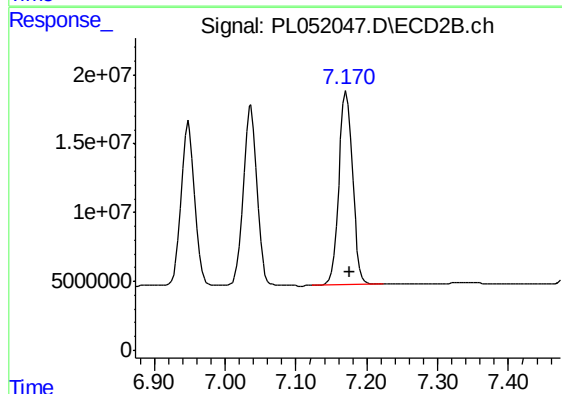
#19 Endosulfan Sulfate

R.T.: 6.447 min
Delta R.T.: -0.003 min
Response: 753704040
Conc: 57.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-3-30-32MS

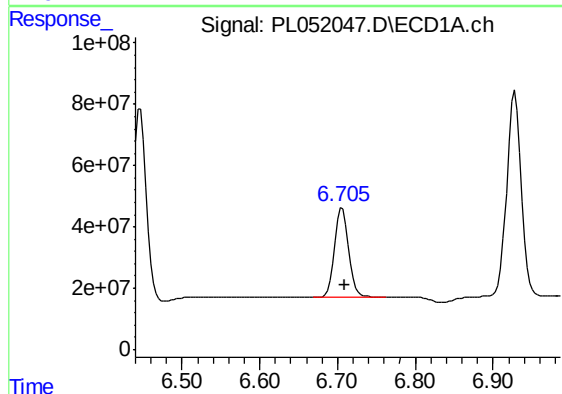
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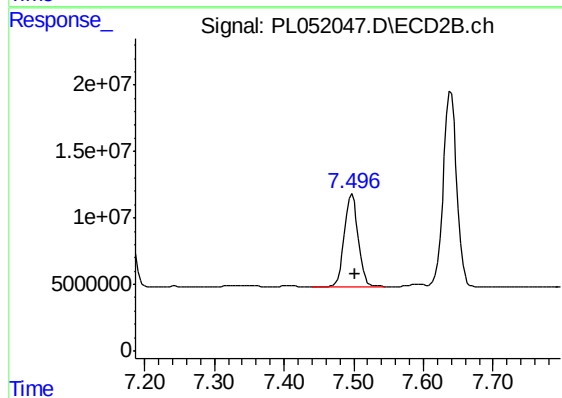
#19 Endosulfan Sulfate

R.T.: 7.171 min
Delta R.T.: -0.004 min
Response: 187179337
Conc: 60.61 ng/ml



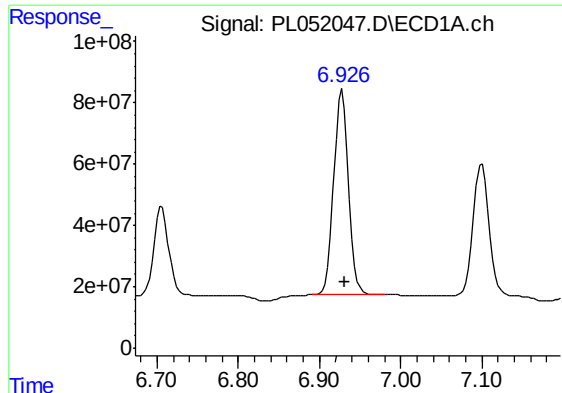
#20 Methoxychlor

R.T.: 6.706 min
Delta R.T.: -0.004 min
Response: 376257786
Conc: 55.50 ng/ml



#20 Methoxychlor

R.T.: 7.498 min
Delta R.T.: -0.004 min
Response: 94196531
Conc: 56.16 ng/ml



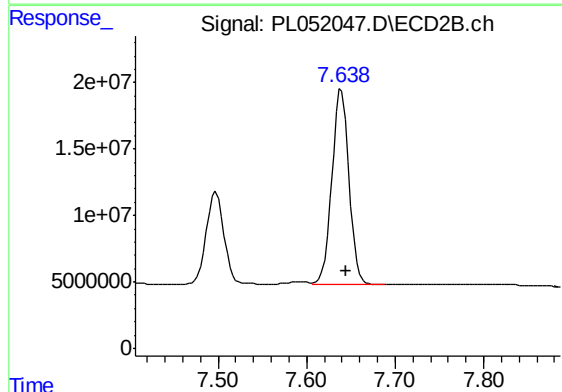
#21 Endrin ketone

R.T.: 6.928 min
Delta R.T.: -0.004 min
Response: 843827181
Conc: 59.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-3-30-32MS

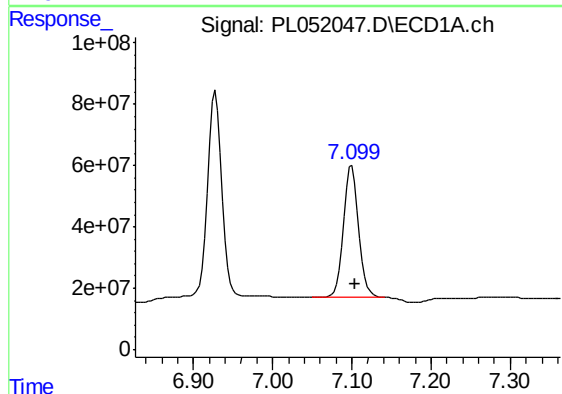
Manual Integrations
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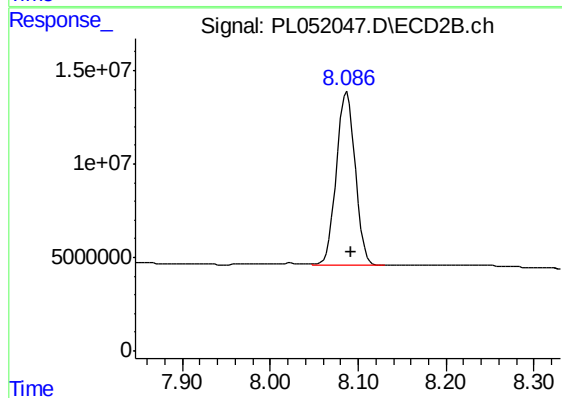
#21 Endrin ketone

R.T.: 7.639 min
Delta R.T.: -0.005 min
Response: 197415514
Conc: 61.70 ng/ml



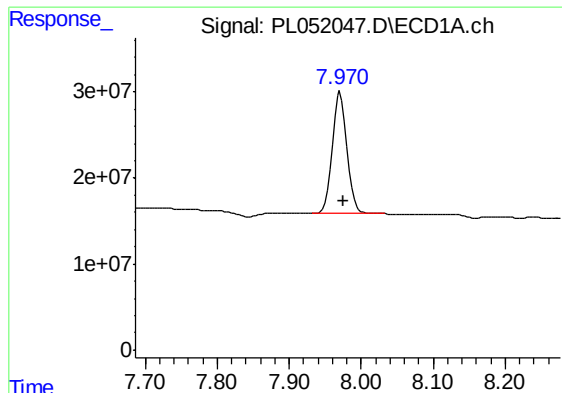
#22 Mirex

R.T.: 7.100 min
Delta R.T.: -0.004 min
Response: 578216222
Conc: 54.61 ng/ml



#22 Mirex

R.T.: 8.087 min
Delta R.T.: -0.005 min
Response: 138528115
Conc: 56.94 ng/ml



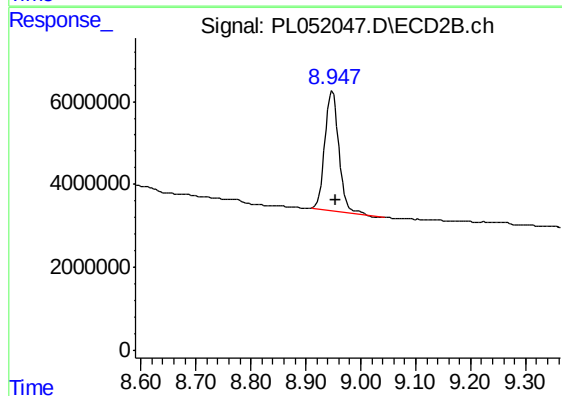
#28 Decachlorobiphenyl

R.T.: 7.971 min
Delta R.T.: -0.004 min
Response: 199787030
Conc: 16.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
SB-3-30-32MS

Manual Integrations
APPROVED

Ankita
9/4/2019 10:31:24 AM



#28 Decachlorobiphenyl

R.T.: 8.948 min
Delta R.T.: -0.006 min
Response: 51032604
Conc: 16.77 ng/ml