

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL090319\
 Data File : PL052182.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Sep 2019 15:26
 Operator : SG\AJ
 Sample : K4622-21MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PAR-11-A1-A4-(0-4)MS

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 03 18:10:30 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	3.924	204.1E6	55050205	23.846	25.197
28)	SA Decachlor...	7.970	8.949	254.4E6	56670994	20.961	18.618
Target Compounds							
2)	A alpha-BHC	3.740	4.312	1013.4E6	230.4E6	69.939	71.507
3)	MA gamma-BHC...	4.016	4.595	965.9E6	221.2E6	73.419	70.265
4)	MA Heptachlor	4.298	5.096	1042.9E6	241.6E6	68.888	68.897
5)	MB Aldrin	4.536	5.397	1032.4E6	239.9E6	71.444	73.173
6)	B beta-BHC	4.270	4.772	391.8E6	102.1E6	68.616	70.038
7)	B delta-BHC	4.463	4.985	954.9E6	205.3E6	64.222	65.605
8)	B Heptachlor...	4.972	5.784	952.7E6	229.2E6	68.120	67.911
9)	A Endosulfan I	5.301	6.139	921.5E6	218.4E6	68.545	67.539
10)	B gamma-Chl...	5.194	6.018	1006.5E6	236.6E6	67.409	64.816
11)	B alpha-Chl...	5.250	6.089	973.8E6	234.4E6	67.290	67.936
12)	B 4,4'-DDE	5.417	6.250	977.7E6	236.9E6	71.440	67.305
13)	MA Dieldrin	5.540	6.395	1016.0E6	236.0E6	66.824	68.904
14)	MA Endrin	5.793	6.612	920.0E6	201.2E6	63.071	66.507
15)	B Endosulfa...	6.068	6.825	882.7E6	207.9E6	63.441	63.074
16)	A 4,4'-DDD	5.928	6.741	797.0E6	189.2E6	65.089	69.866
17)	MA 4,4'-DDT	6.161	7.035	799.3E6	188.3E6	62.680	64.325m
18)	B Endrin al...	6.235	6.949	725.8E6	174.9E6	62.389	61.892
19)	B Endosulfa...	6.444	7.172	853.9E6	202.2E6	65.638m	65.492
20)	A Methoxychlor	6.705	7.498	401.9E6	97054439	59.281	57.867
21)	B Endrin ke...	6.926	7.640	954.8E6	213.0E6	67.492	66.564
22)	Mirex	7.100	8.087	642.8E6	151.3E6	60.717	62.189

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

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 Acq On : 03 Sep 2019 15:26
 Operator : SG\AJ
 Sample : K4622-21MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

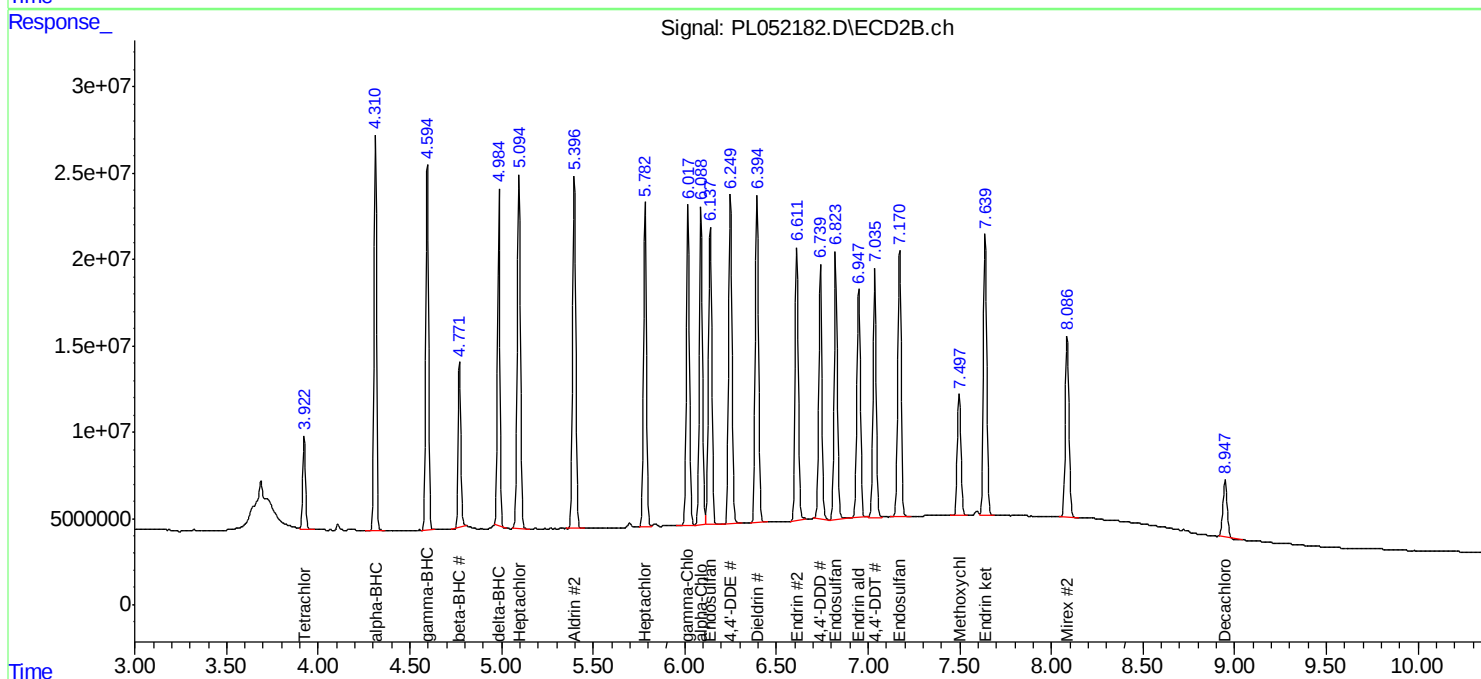
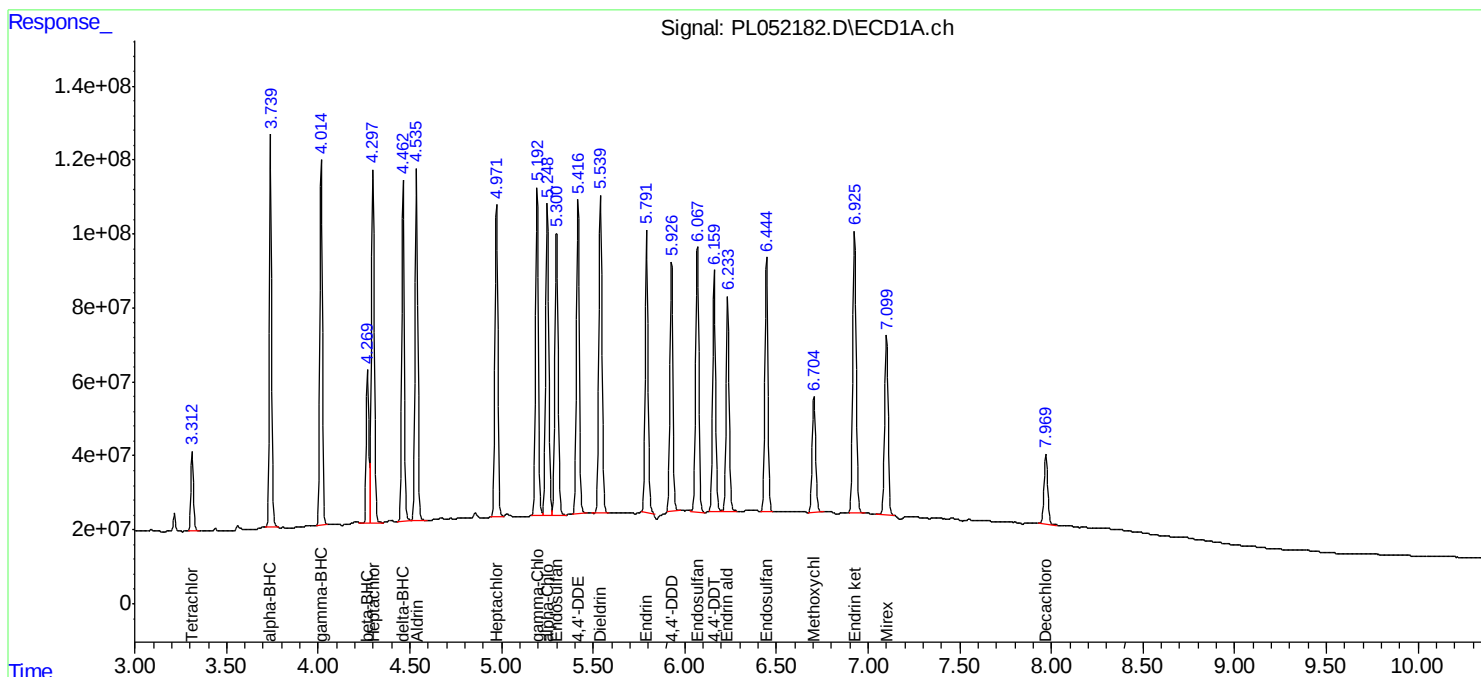
Instrument :
 ECD_L
 ClientSampleId :
 PAR-11-A1-A4-(0-4)MS

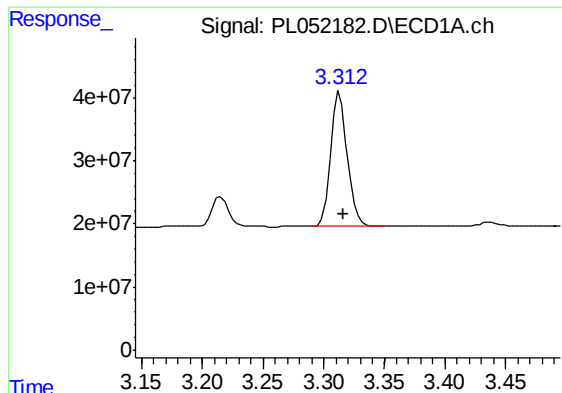
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 03 18:10:30 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL081919.M
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Volume Inj. : 1 µl
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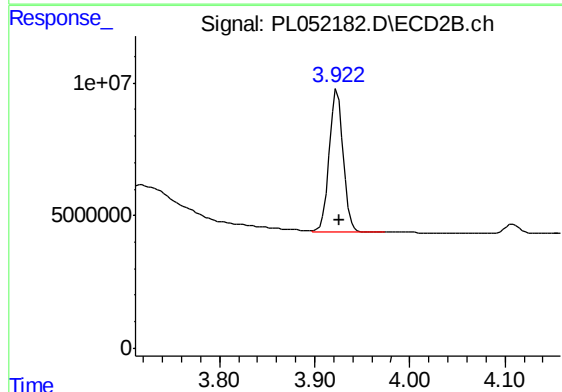
#1 Tetrachloro-m-xylene

R.T.: 3.313 min
Delta R.T.: -0.003 min
Response: 204085442
Conc: 23.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
PAR-11-A1-A4-(0-4)MS

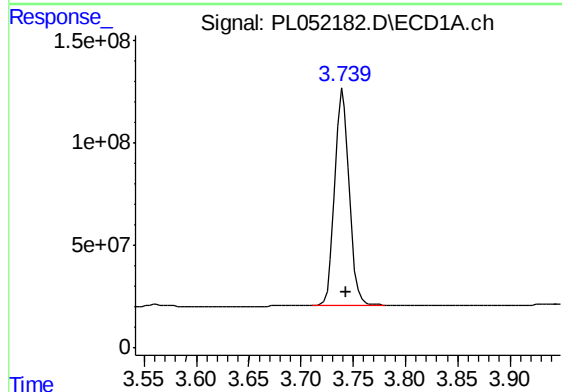
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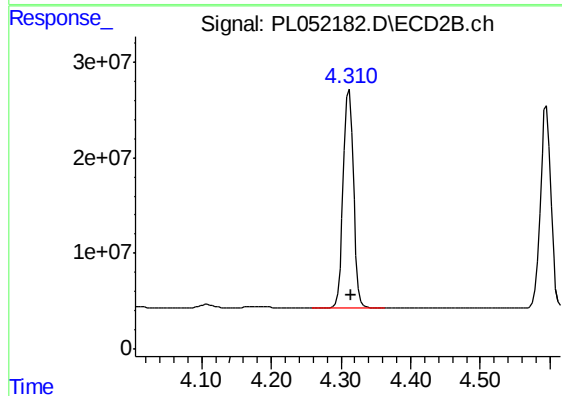
#1 Tetrachloro-m-xylene

R.T.: 3.924 min
Delta R.T.: -0.003 min
Response: 55050205
Conc: 25.20 ng/ml



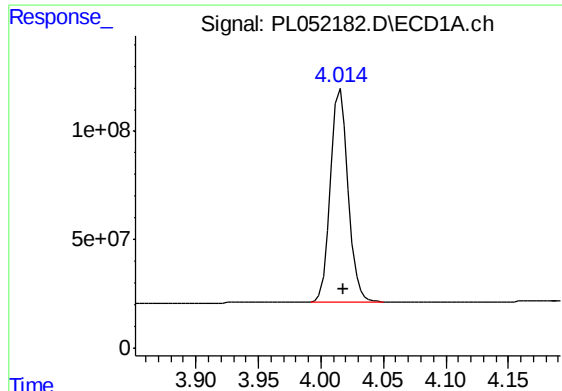
#2 alpha-BHC

R.T.: 3.740 min
Delta R.T.: -0.002 min
Response: 1013392701
Conc: 69.94 ng/ml



#2 alpha-BHC

R.T.: 4.312 min
Delta R.T.: -0.003 min
Response: 230421601
Conc: 71.51 ng/ml



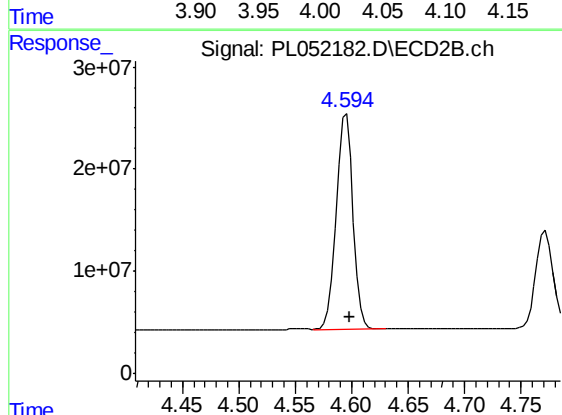
#3 gamma-BHC (Lindane)

R.T.: 4.016 min
Delta R.T.: -0.002 min
Response: 965947818
Conc: 73.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PAR-11-A1-A4-(0-4)MS

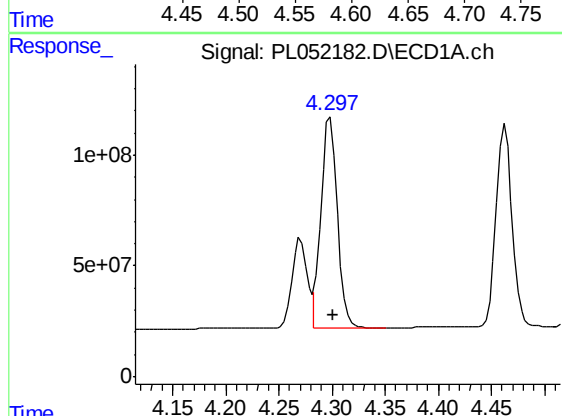
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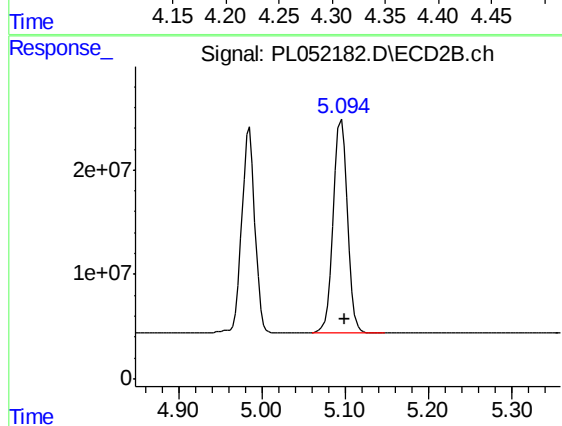
#3 gamma-BHC (Lindane)

R.T.: 4.595 min
Delta R.T.: -0.003 min
Response: 221216657
Conc: 70.27 ng/ml



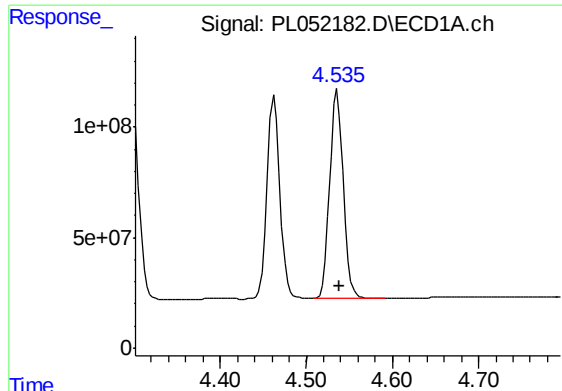
#4 Heptachlor

R.T.: 4.298 min
Delta R.T.: -0.003 min
Response: 1042879984
Conc: 68.89 ng/ml



#4 Heptachlor

R.T.: 5.096 min
Delta R.T.: -0.004 min
Response: 241614985
Conc: 68.90 ng/ml



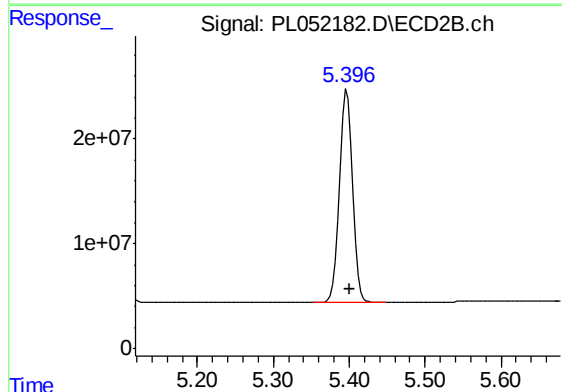
#5 Aldrin

R.T.: 4.536 min
Delta R.T.: -0.003 min
Response: 1032413749
Conc: 71.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PAR-11-A1-A4-(0-4)MS

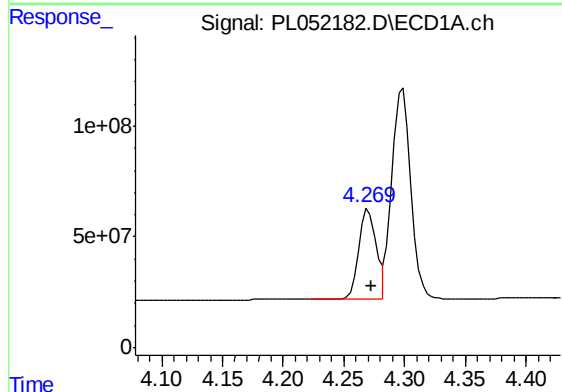
Manual Integrations
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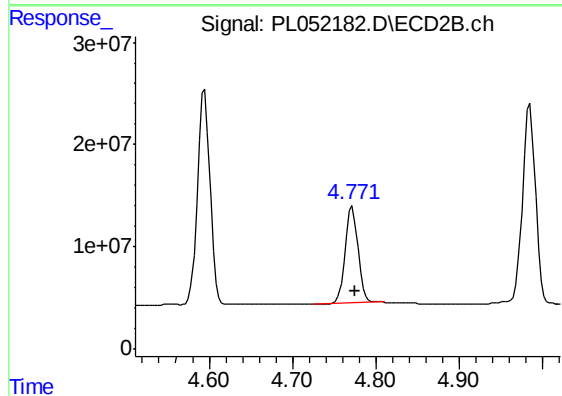
#5 Aldrin

R.T.: 5.397 min
Delta R.T.: -0.004 min
Response: 239925748
Conc: 73.17 ng/ml



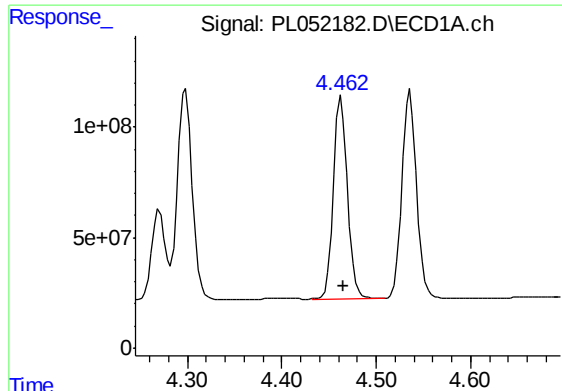
#6 beta-BHC

R.T.: 4.270 min
Delta R.T.: -0.003 min
Response: 391802053
Conc: 68.62 ng/ml



#6 beta-BHC

R.T.: 4.772 min
Delta R.T.: -0.004 min
Response: 102074733
Conc: 70.04 ng/ml



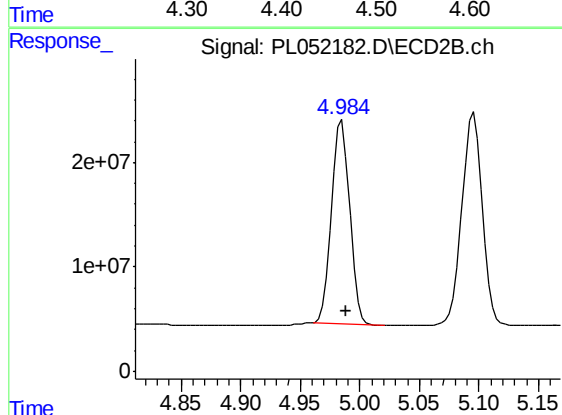
#7 delta-BHC

R.T.: 4.463 min
Delta R.T.: -0.003 min
Response: 954918385
Conc: 64.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PAR-11-A1-A4-(0-4)MS

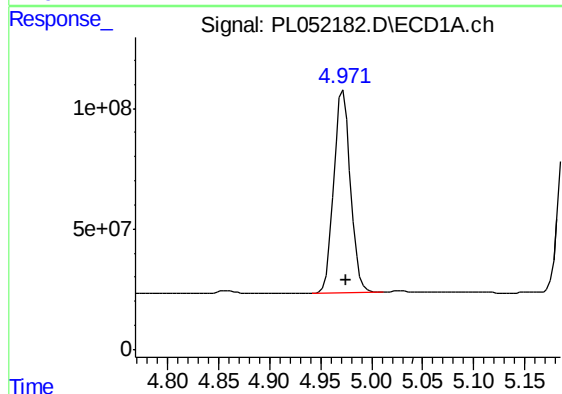
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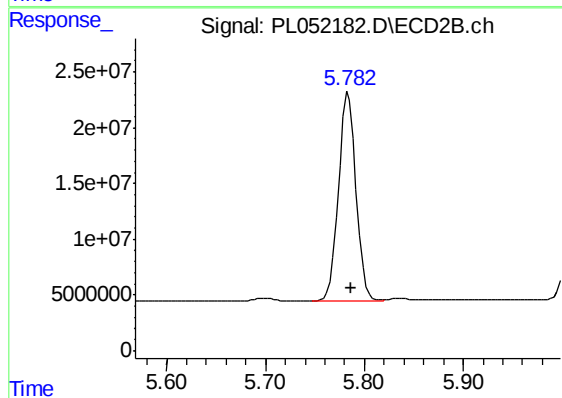
#7 delta-BHC

R.T.: 4.985 min
Delta R.T.: -0.003 min
Response: 205328469
Conc: 65.61 ng/ml



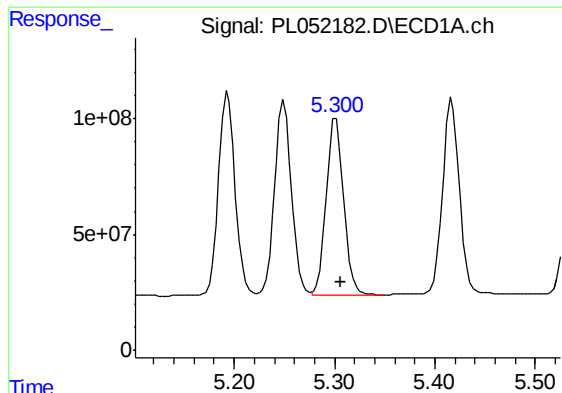
#8 Heptachlor epoxide

R.T.: 4.972 min
Delta R.T.: -0.003 min
Response: 952685532
Conc: 68.12 ng/ml



#8 Heptachlor epoxide

R.T.: 5.784 min
Delta R.T.: -0.003 min
Response: 229188230
Conc: 67.91 ng/ml



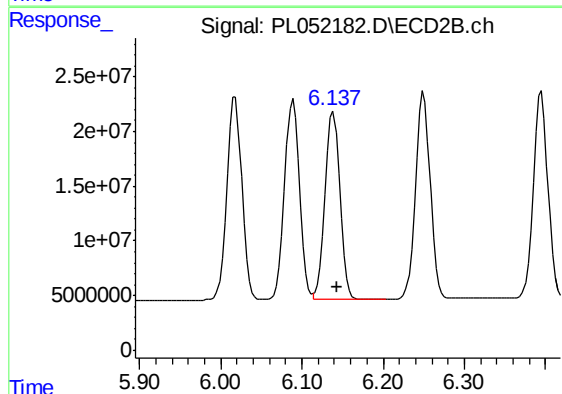
#9 Endosulfan I

R.T.: 5.301 min
Delta R.T.: -0.004 min
Response: 921490660
Conc: 68.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PAR-11-A1-A4-(0-4)MS

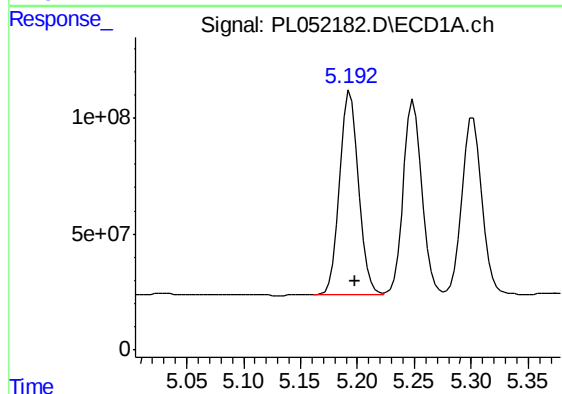
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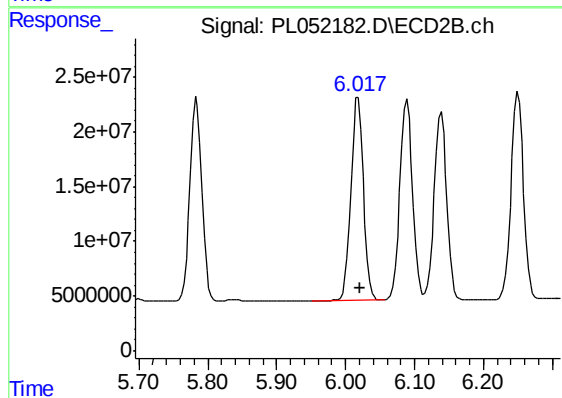
#9 Endosulfan I

R.T.: 6.139 min
Delta R.T.: -0.004 min
Response: 218367286
Conc: 67.54 ng/ml



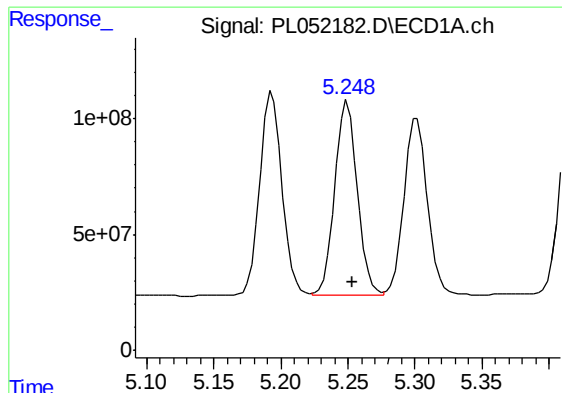
#10 gamma-Chlordane

R.T.: 5.194 min
Delta R.T.: -0.004 min
Response: 1006547655
Conc: 67.41 ng/ml



#10 gamma-Chlordane

R.T.: 6.018 min
Delta R.T.: -0.002 min
Response: 236643907
Conc: 64.82 ng/ml



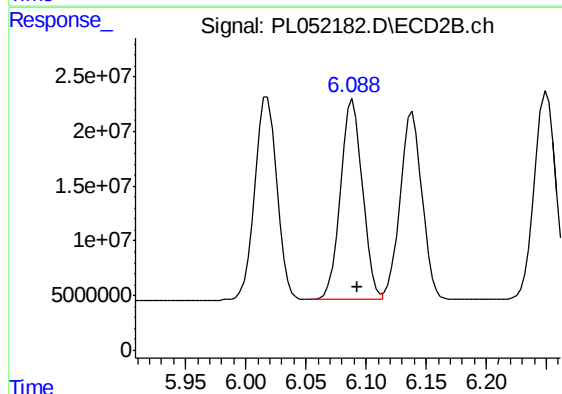
#11 alpha-Chlordane

R.T.: 5.250 min
Delta R.T.: -0.004 min
Response: 973772637
Conc: 67.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PAR-11-A1-A4-(0-4)MS

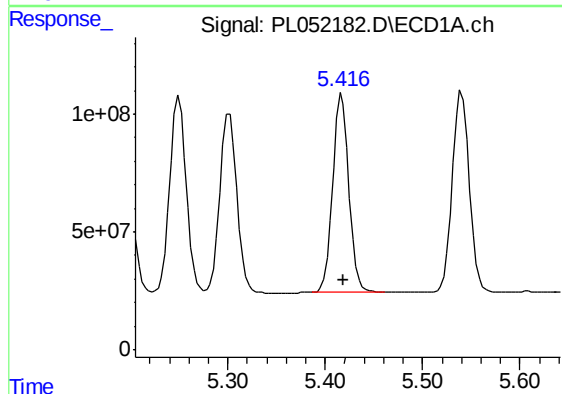
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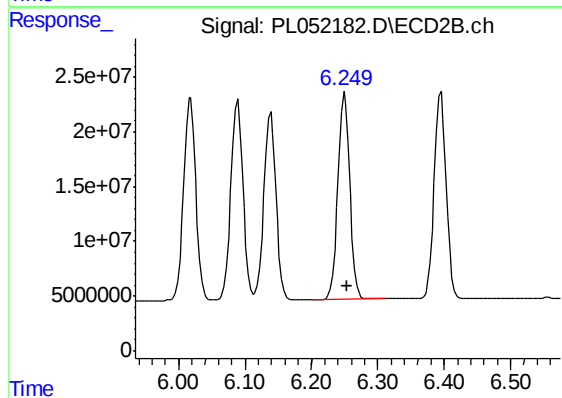
#11 alpha-Chlordane

R.T.: 6.089 min
Delta R.T.: -0.004 min
Response: 234446503
Conc: 67.94 ng/ml



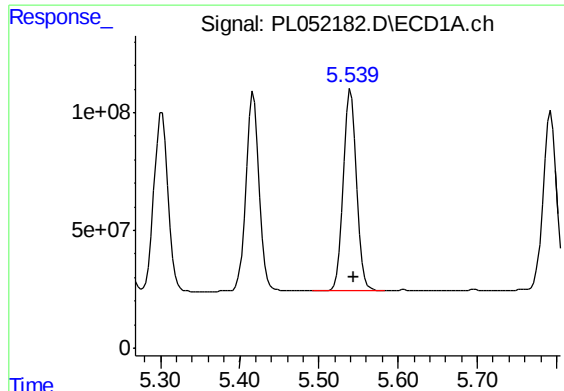
#12 4,4'-DDE

R.T.: 5.417 min
Delta R.T.: -0.002 min
Response: 977710383
Conc: 71.44 ng/ml



#12 4,4'-DDE

R.T.: 6.250 min
Delta R.T.: -0.003 min
Response: 236917103
Conc: 67.30 ng/ml



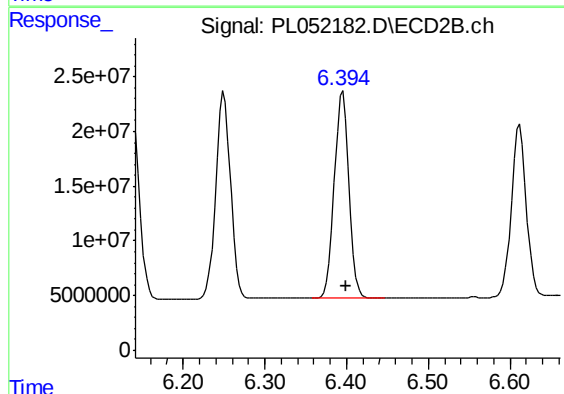
#13 Dieldrin

R.T.: 5.540 min
Delta R.T.: -0.004 min
Response: 1016043938
Conc: 66.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PAR-11-A1-A4-(0-4)MS

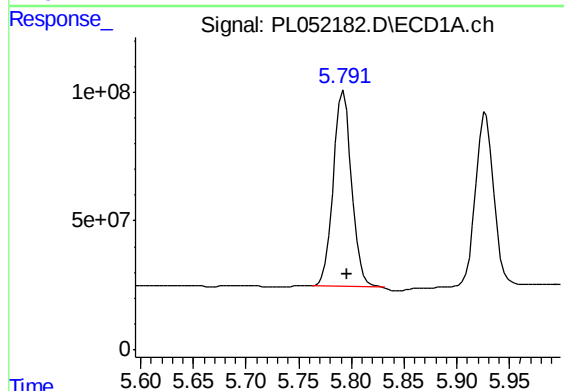
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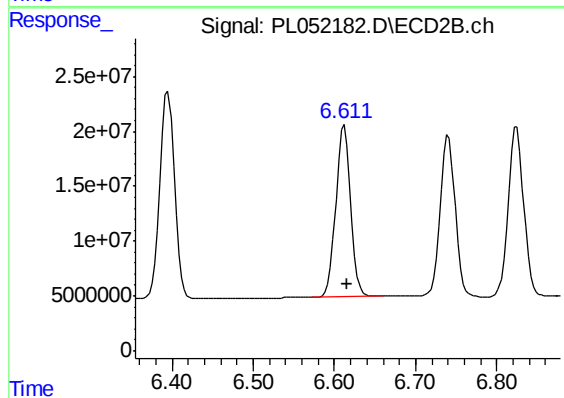
#13 Dieldrin

R.T.: 6.395 min
Delta R.T.: -0.004 min
Response: 235968423
Conc: 68.90 ng/ml



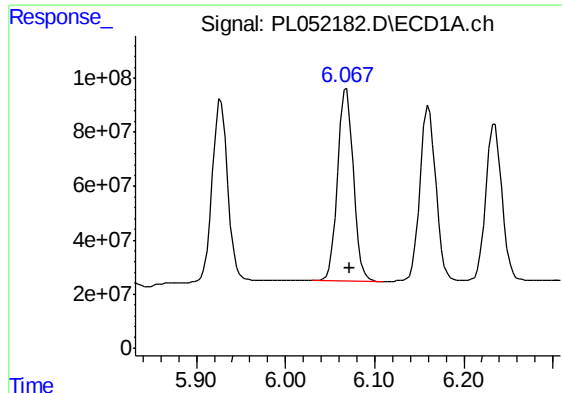
#14 Endrin

R.T.: 5.793 min
Delta R.T.: -0.004 min
Response: 919964378
Conc: 63.07 ng/ml



#14 Endrin

R.T.: 6.612 min
Delta R.T.: -0.004 min
Response: 201158691
Conc: 66.51 ng/ml



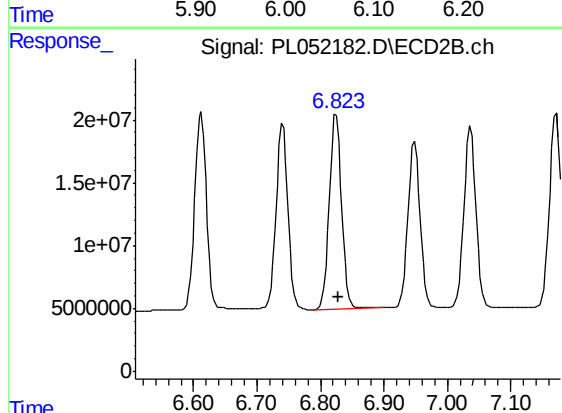
#15 Endosulfan II

R.T.: 6.068 min
Delta R.T.: -0.004 min
Response: 882722308
Conc: 63.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PAR-11-A1-A4-(0-4)MS

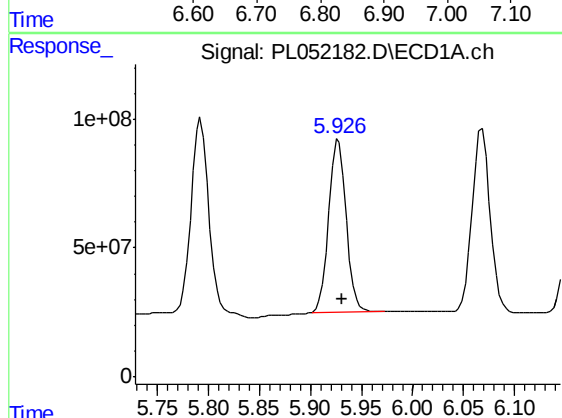
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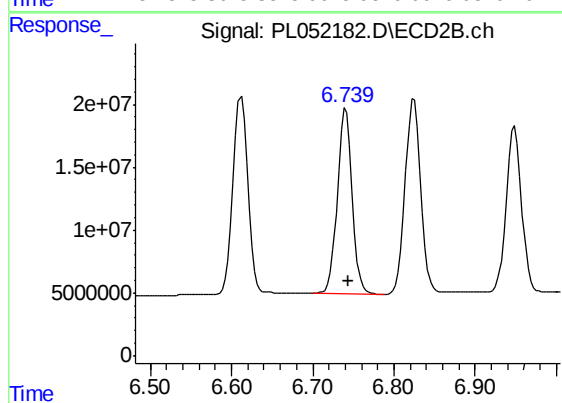
#15 Endosulfan II

R.T.: 6.825 min
Delta R.T.: -0.004 min
Response: 207893895
Conc: 63.07 ng/ml



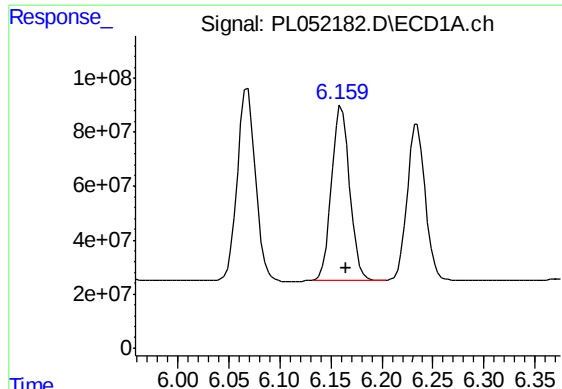
#16 4,4'-DDD

R.T.: 5.928 min
Delta R.T.: -0.004 min
Response: 797041875
Conc: 65.09 ng/ml



#16 4,4'-DDD

R.T.: 6.741 min
Delta R.T.: -0.004 min
Response: 189152200
Conc: 69.87 ng/ml



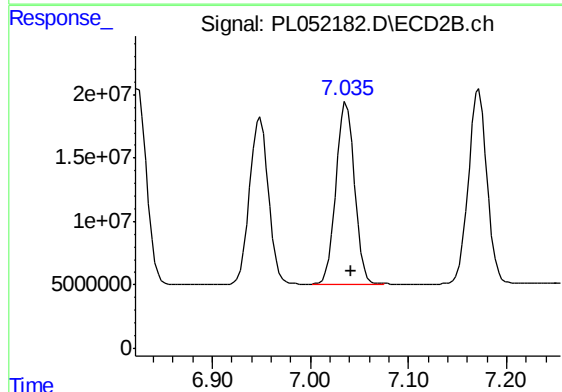
#17 4,4'-DDT

R.T.: 6.161 min
Delta R.T.: -0.004 min
Response: 799253811
Conc: 62.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PAR-11-A1-A4-(0-4)MS

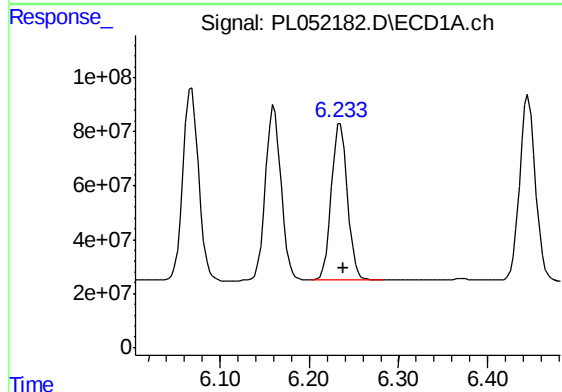
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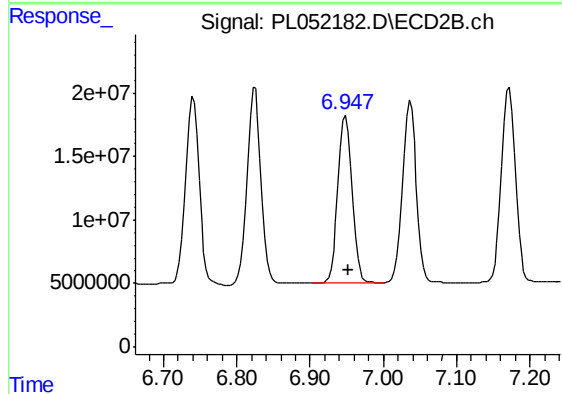
#17 4,4'-DDT

R.T.: 7.035 min
Delta R.T.: -0.006 min
Response: 188323959
Conc: 64.33 ng/ml m



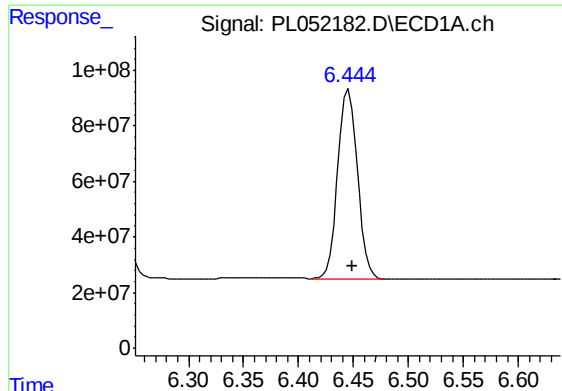
#18 Endrin aldehyde

R.T.: 6.235 min
Delta R.T.: -0.004 min
Response: 725782621
Conc: 62.39 ng/ml



#18 Endrin aldehyde

R.T.: 6.949 min
Delta R.T.: -0.004 min
Response: 174920730
Conc: 61.89 ng/ml



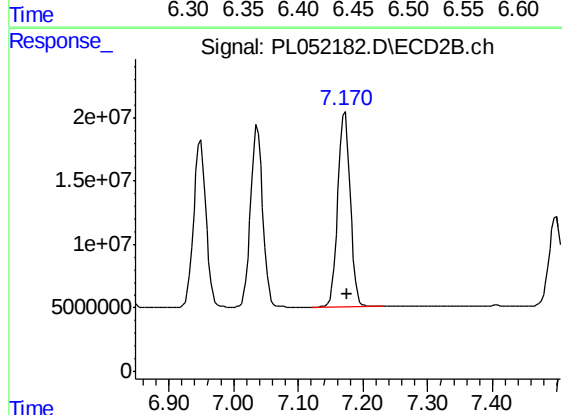
#19 Endosulfan Sulfate

R.T.: 6.444 min
Delta R.T.: -0.005 min
Response: 853882786
Conc: 65.64 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PAR-11-A1-A4-(0-4)MS

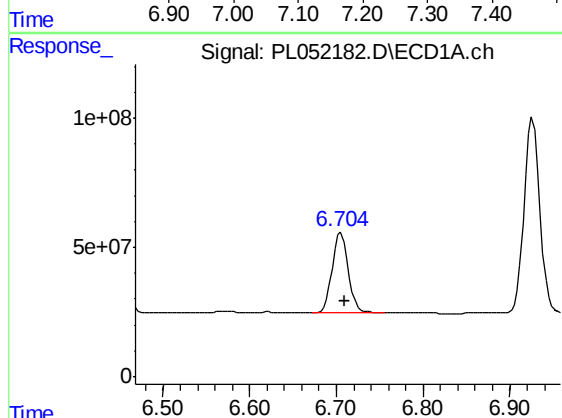
Manual Integrations
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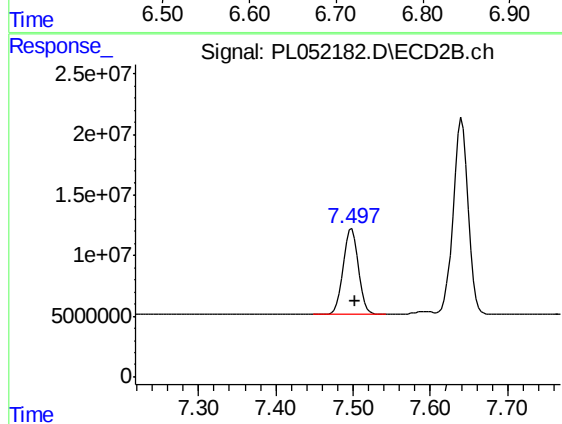
#19 Endosulfan Sulfate

R.T.: 7.172 min
Delta R.T.: -0.004 min
Response: 202241604
Conc: 65.49 ng/ml



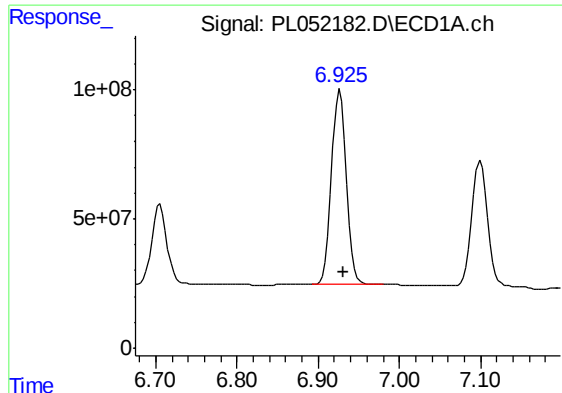
#20 Methoxychlor

R.T.: 6.705 min
Delta R.T.: -0.004 min
Response: 401911153
Conc: 59.28 ng/ml



#20 Methoxychlor

R.T.: 7.498 min
Delta R.T.: -0.003 min
Response: 97054439
Conc: 57.87 ng/ml



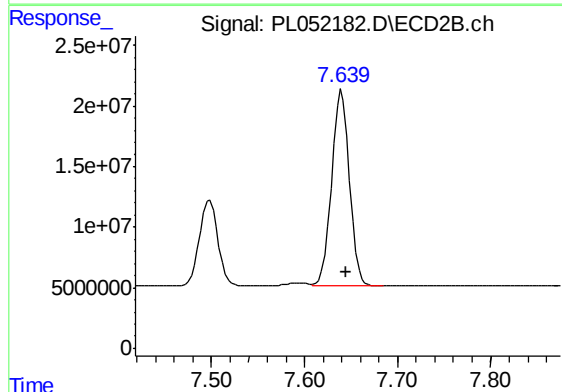
#21 Endrin ketone

R.T.: 6.926 min
Delta R.T.: -0.005 min
Response: 954805004
Conc: 67.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PAR-11-A1-A4-(0-4)MS

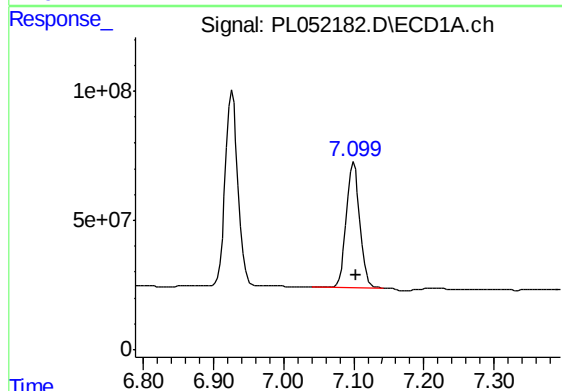
Manual Integrations
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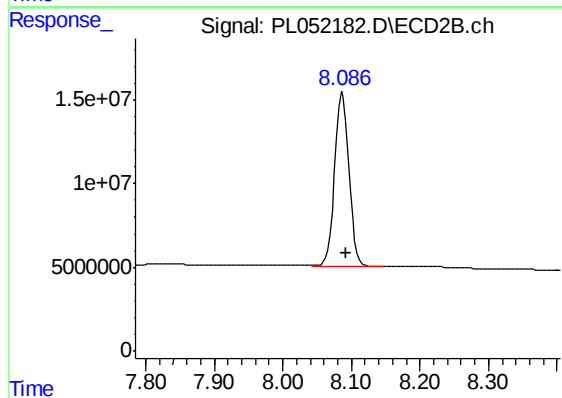
#21 Endrin ketone

R.T.: 7.640 min
Delta R.T.: -0.004 min
Response: 212971111
Conc: 66.56 ng/ml



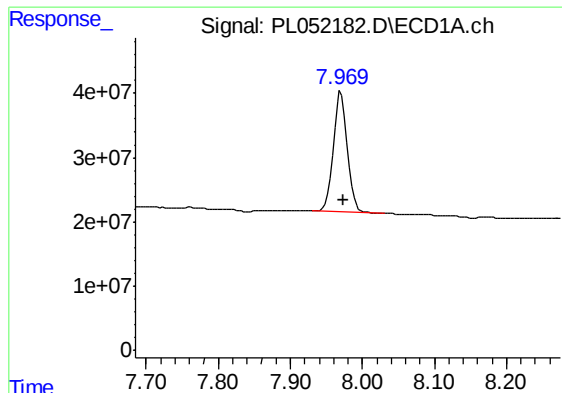
#22 Mirex

R.T.: 7.100 min
Delta R.T.: -0.004 min
Response: 642834226
Conc: 60.72 ng/ml



#22 Mirex

R.T.: 8.087 min
Delta R.T.: -0.005 min
Response: 151287730
Conc: 62.19 ng/ml



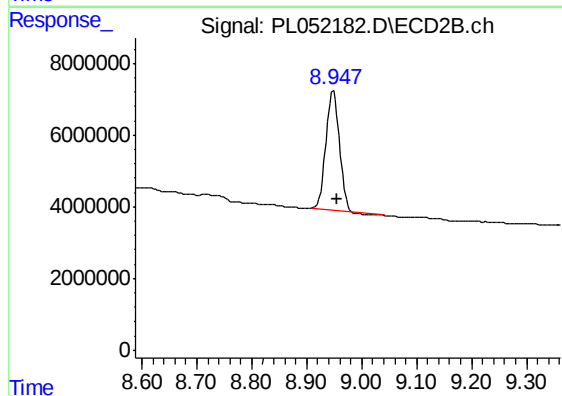
#28 Decachlorobiphenyl

R.T.: 7.970 min
Delta R.T.: -0.004 min
Response: 254426002
Conc: 20.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PAR-11-A1-A4-(0-4)MS

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#28 Decachlorobiphenyl

R.T.: 8.949 min
Delta R.T.: -0.006 min
Response: 56670994
Conc: 18.62 ng/ml