

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070319\
 Data File : PL050177.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Jul 2019 18:17
 Operator : SM\AJ
 Sample : K3618-02MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 HD-01-070219MSD

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 03 22:21:33 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062019.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 21 02:23:20 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...	3.321	3.933	218.2E6	67283705	19.349	21.976
2)	SA Decachlor...	7.985	8.966	217.6E6	63287769	17.128	18.852
Target Compounds							
2)	A alpha-BHC	3.749	4.321	987.4E6	258.1E6	52.557	57.648
3)	MA gamma-BHC...	4.024	4.605	913.2E6	244.8E6	51.505	59.023
4)	MA Heptachlor	4.308	5.106	1033.5E6	261.5E6	56.857	60.413
5)	MB Aldrin	4.547	5.409	968.2E6	239.1E6	56.071	61.030
6)	B beta-BHC	4.278	4.780	400.7E6	109.1E6	54.780	56.322
7)	B delta-BHC	4.472	4.994	885.4E6	216.8E6	49.506	55.042
8)	B Heptachlo...	4.983	5.796	865.4E6	219.7E6	53.763	60.433
9)	A Endosulfan I	5.314	6.151	849.0E6	202.5E6	54.872	59.593
10)	B gamma-Chl...	5.205	6.030	943.6E6	223.6E6	55.218	60.015
11)	B alpha-Chl...	5.262	6.101	902.5E6	217.3E6	54.368	58.754
12)	B 4,4'-DDE	5.429	6.262	905.5E6	212.1E6	54.355	61.108
13)	MA Dieldrin	5.553	6.407	914.6E6	213.6E6	54.905	60.203
14)	MA Endrin	5.805	6.624	901.6E6	184.5E6	56.296	58.428
15)	B Endosulfa...	6.080	6.836	768.6E6	179.7E6	52.744	55.806
16)	A 4,4'-DDD	5.938	6.752	670.7E6	158.6E6	53.125m	60.675
17)	MA 4,4'-DDT	6.174	7.049	680.7E6	161.2E6	51.277	55.027
18)	B Endrin al...	6.247	6.960	595.2E6	148.2E6	50.393	53.978
19)	B Endosulfa...	6.458	7.183	675.4E6	165.4E6	52.093	54.973
20)	A Methoxychlor	6.719	7.509	328.7E6	88108154	50.430	52.861
21)	B Endrin ke...	6.940	7.652	709.1E6	173.2E6	50.448	55.587
22)	Mirex	7.114	8.100	535.7E6	139.7E6	51.821	55.261

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070319\
Data File : PL050177.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Jul 2019 18:17
Operator : SM\AJ
Sample : K3618-02MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

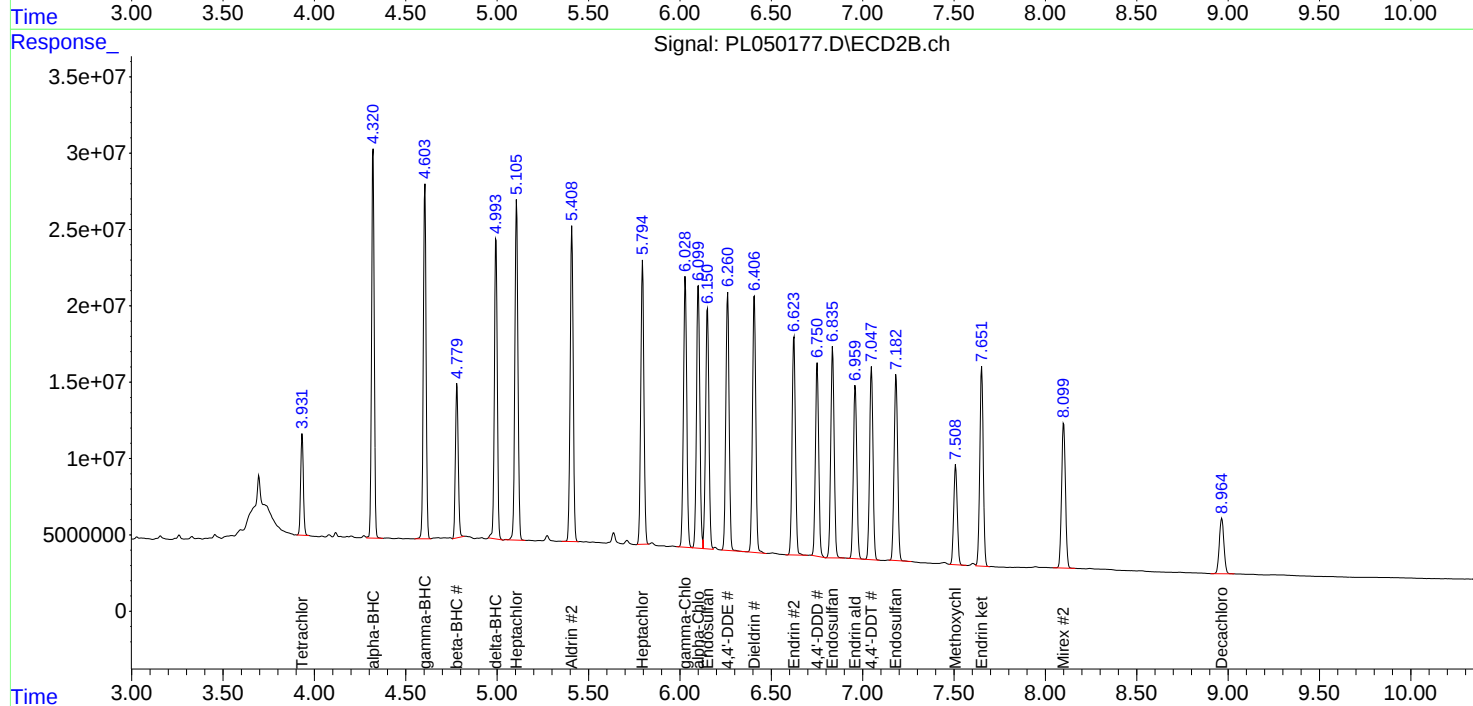
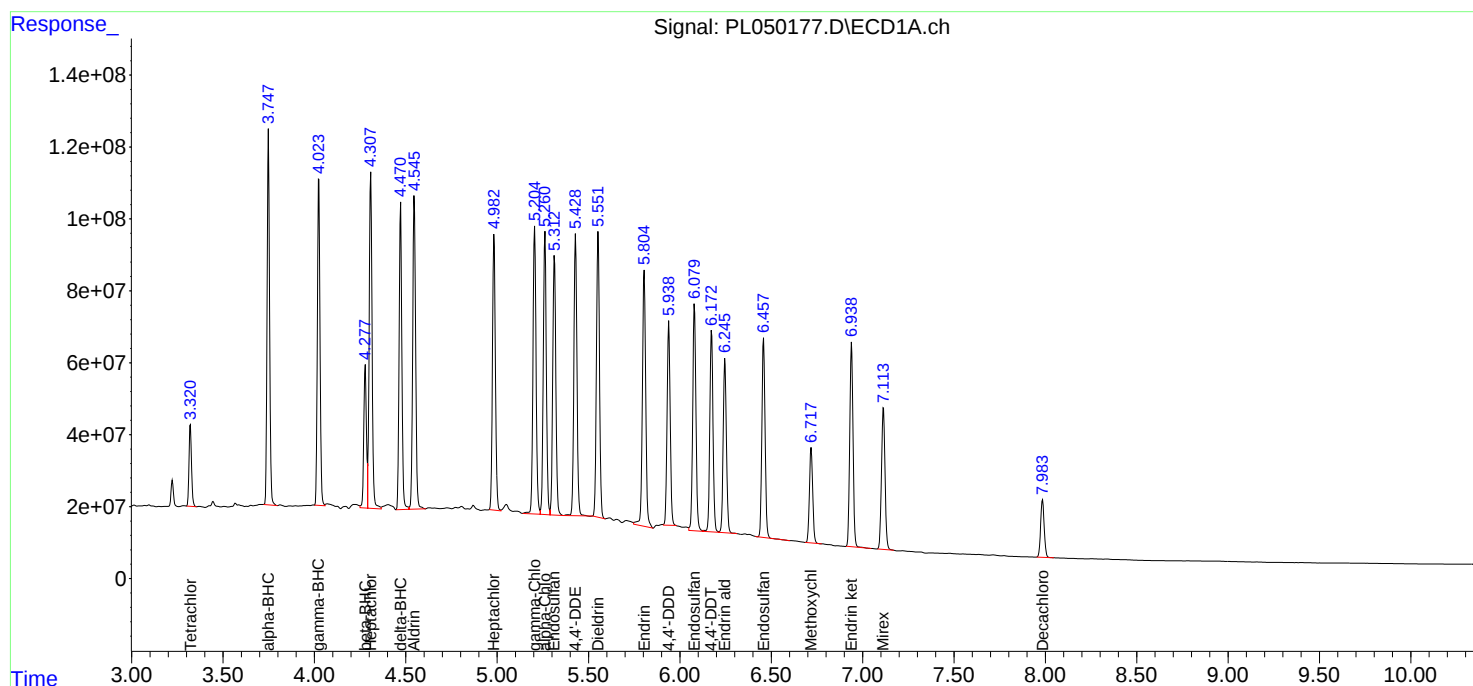
Instrument :
ECD_L
ClientSampleId :
HD-01-070219MSD

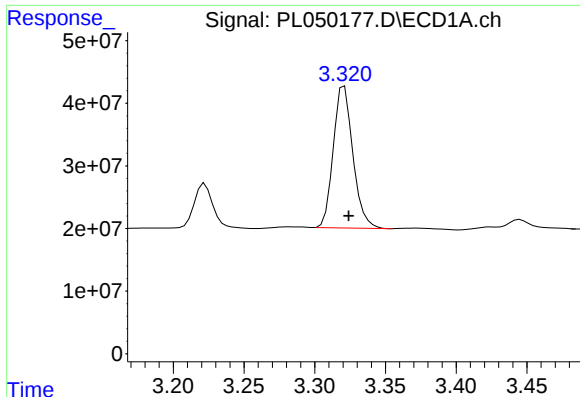
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 03 22:21:33 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062019.M
Quant Title : GC Extractables
QLast Update : Fri Jun 21 02:23:20 2019
Response 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





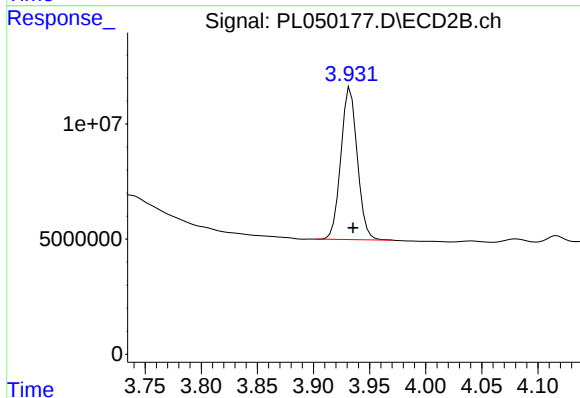
#1 Tetrachloro-m-xylene

R.T.: 3.321 min
Delta R.T.: -0.003 min
Response: 218206950
Conc: 19.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-070219MSD

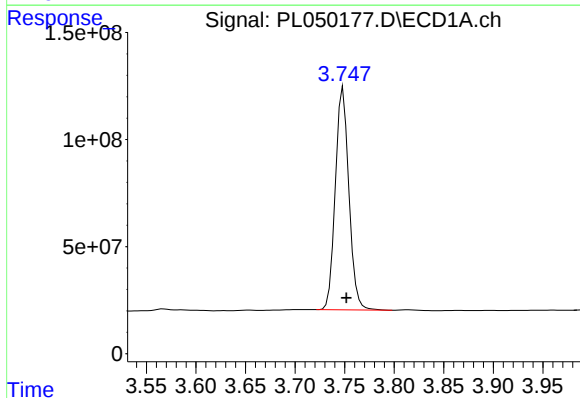
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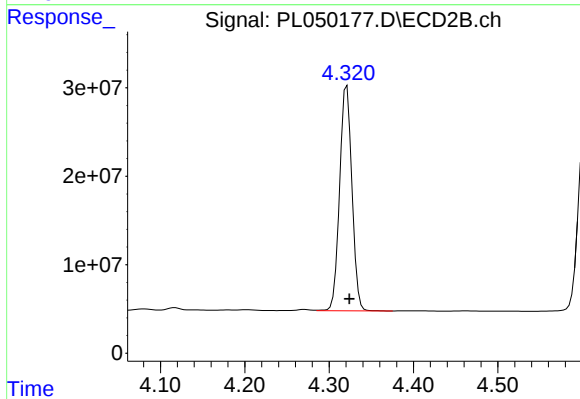
#1 Tetrachloro-m-xylene

R.T.: 3.933 min
Delta R.T.: -0.002 min
Response: 67283705
Conc: 21.98 ng/ml



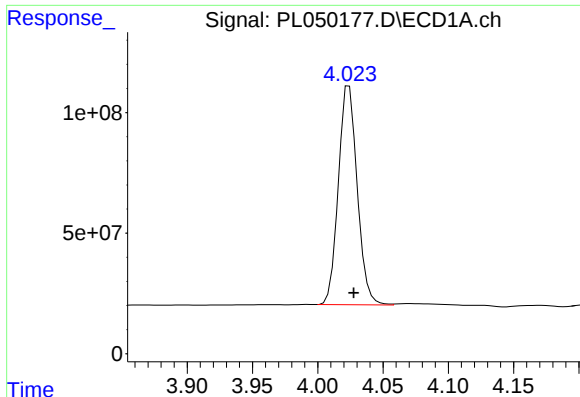
#2 alpha-BHC

R.T.: 3.749 min
Delta R.T.: -0.003 min
Response: 987411776
Conc: 52.56 ng/ml



#2 alpha-BHC

R.T.: 4.321 min
Delta R.T.: -0.003 min
Response: 258065111
Conc: 57.65 ng/ml



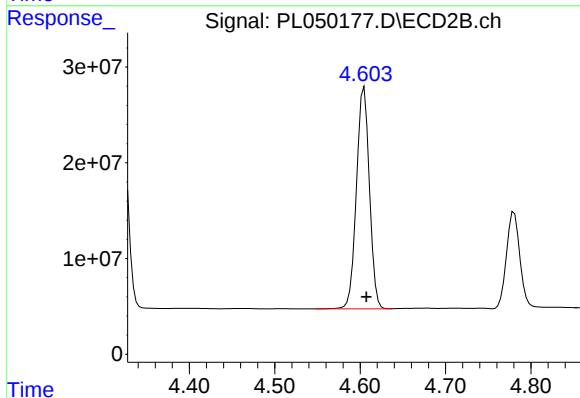
#3 gamma-BHC (Lindane)

R.T.: 4.024 min
Delta R.T.: -0.004 min
Response: 913209753
Conc: 51.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-070219MSD

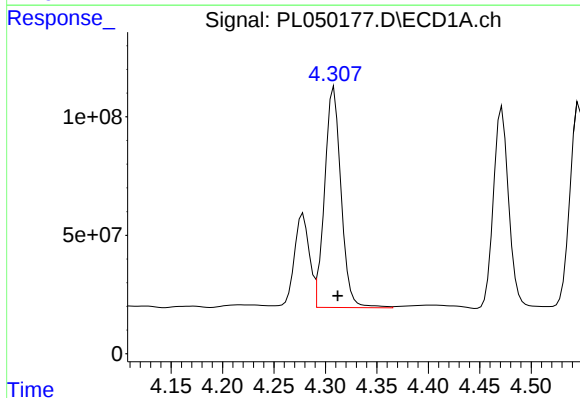
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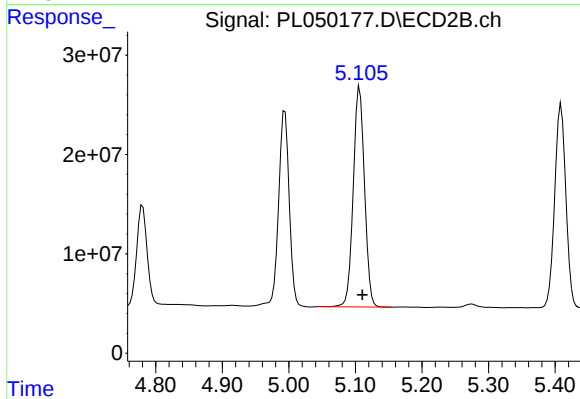
#3 gamma-BHC (Lindane)

R.T.: 4.605 min
Delta R.T.: -0.003 min
Response: 244815207
Conc: 59.02 ng/ml



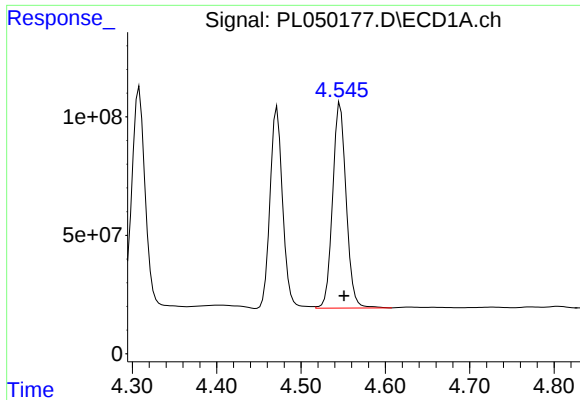
#4 Heptachlor

R.T.: 4.308 min
Delta R.T.: -0.004 min
Response: 1033497742
Conc: 56.86 ng/ml



#4 Heptachlor

R.T.: 5.106 min
Delta R.T.: -0.004 min
Response: 261492023
Conc: 60.41 ng/ml



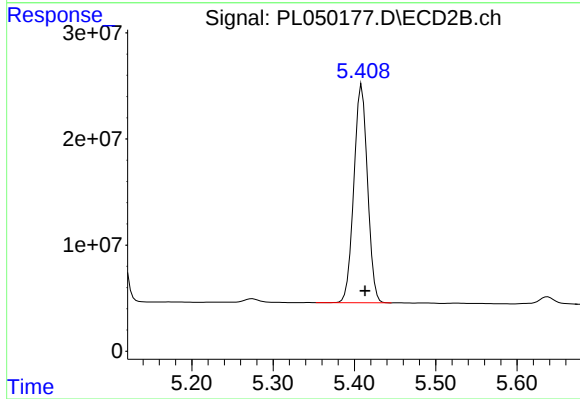
#5 Aldrin

R.T.: 4.547 min
Delta R.T.: -0.004 min
Response: 968227443
Conc: 56.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-070219MSD

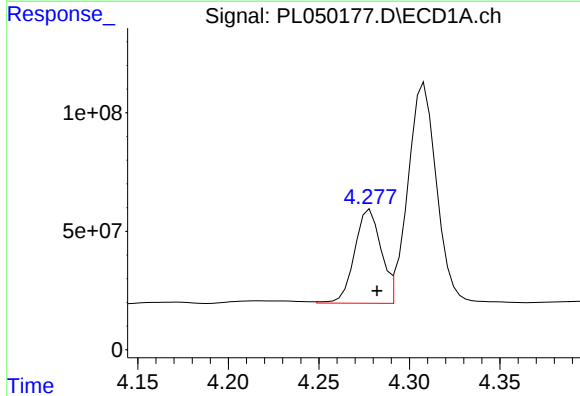
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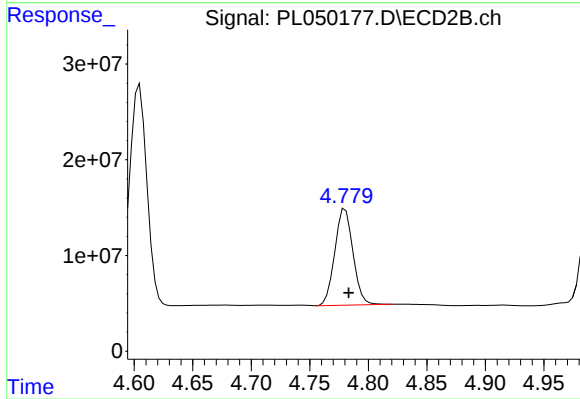
#5 Aldrin

R.T.: 5.409 min
Delta R.T.: -0.004 min
Response: 239059024
Conc: 61.03 ng/ml



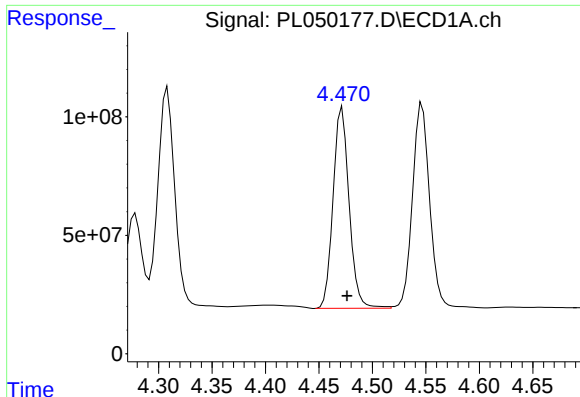
#6 beta-BHC

R.T.: 4.278 min
Delta R.T.: -0.004 min
Response: 400705780
Conc: 54.78 ng/ml



#6 beta-BHC

R.T.: 4.780 min
Delta R.T.: -0.003 min
Response: 109098315
Conc: 56.32 ng/ml



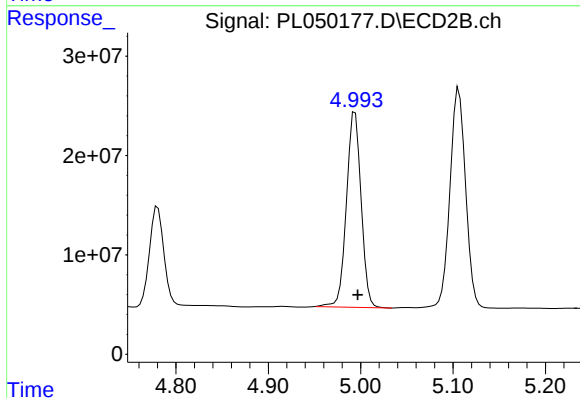
#7 delta-BHC

R.T.: 4.472 min
Delta R.T.: -0.005 min
Response: 885361241
Conc: 49.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-070219MSD

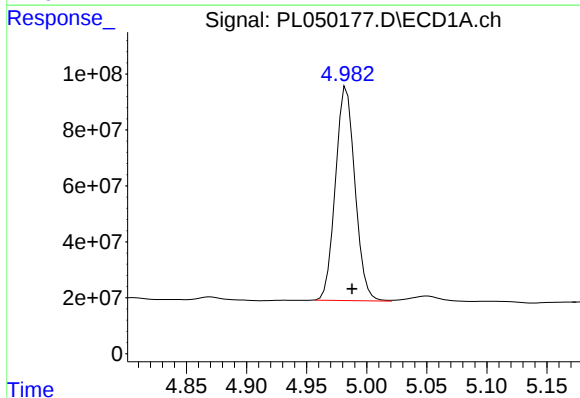
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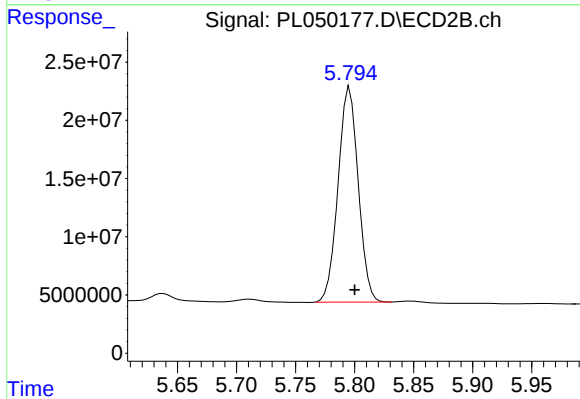
#7 delta-BHC

R.T.: 4.994 min
Delta R.T.: -0.003 min
Response: 216802808
Conc: 55.04 ng/ml



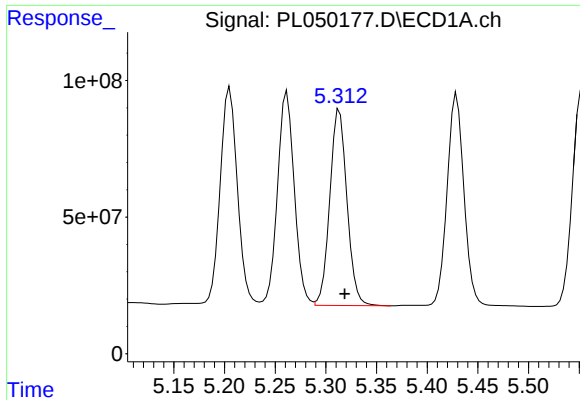
#8 Heptachlor epoxide

R.T.: 4.983 min
Delta R.T.: -0.005 min
Response: 865433467
Conc: 53.76 ng/ml



#8 Heptachlor epoxide

R.T.: 5.796 min
Delta R.T.: -0.004 min
Response: 219719827
Conc: 60.43 ng/ml



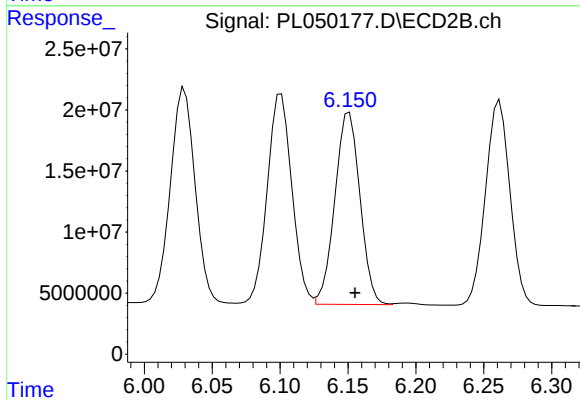
#9 Endosulfan I

R.T.: 5.314 min
Delta R.T.: -0.005 min
Response: 849007112
Conc: 54.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-070219MSD

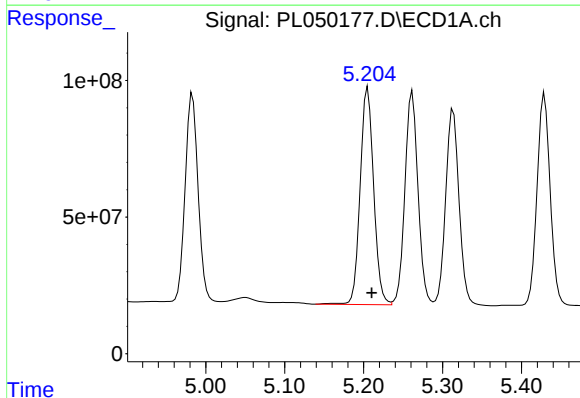
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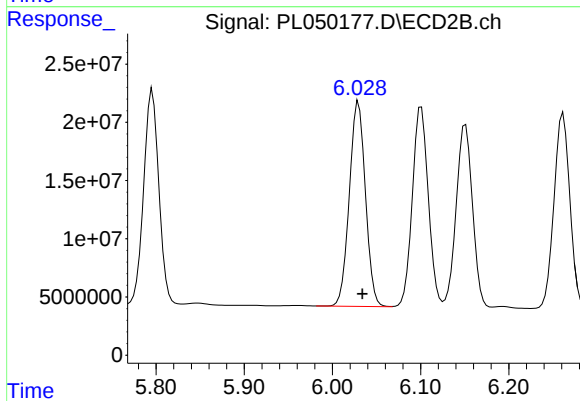
#9 Endosulfan I

R.T.: 6.151 min
Delta R.T.: -0.004 min
Response: 202459252
Conc: 59.59 ng/ml



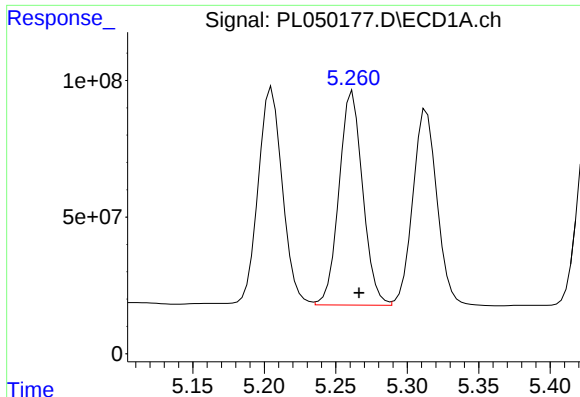
#10 gamma-Chlordane

R.T.: 5.205 min
Delta R.T.: -0.005 min
Response: 943611731
Conc: 55.22 ng/ml



#10 gamma-Chlordane

R.T.: 6.030 min
Delta R.T.: -0.004 min
Response: 223644263
Conc: 60.02 ng/ml



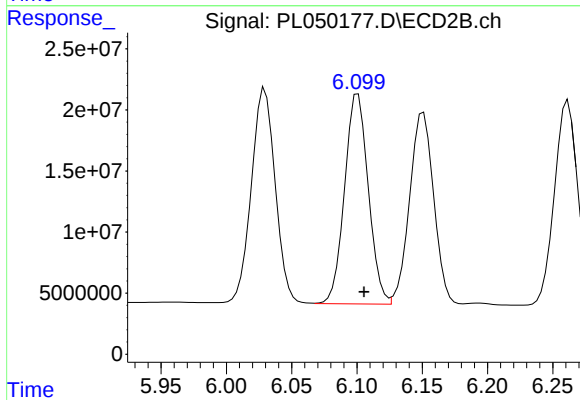
#11 alpha-Chlordane

R.T.: 5.262 min
Delta R.T.: -0.004 min
Response: 902451430
Conc: 54.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-070219MSD

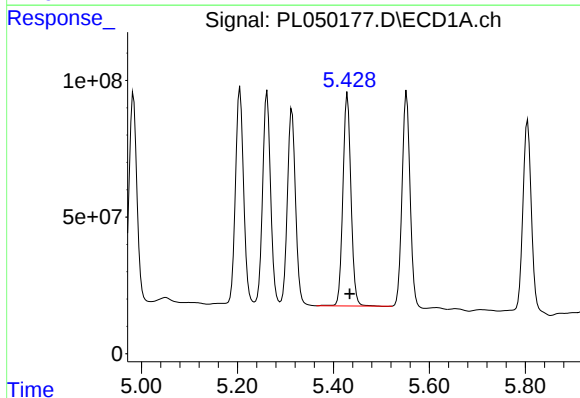
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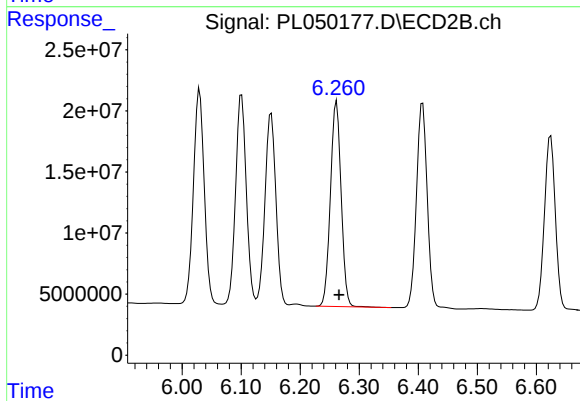
#11 alpha-Chlordane

R.T.: 6.101 min
Delta R.T.: -0.005 min
Response: 217296950
Conc: 58.75 ng/ml



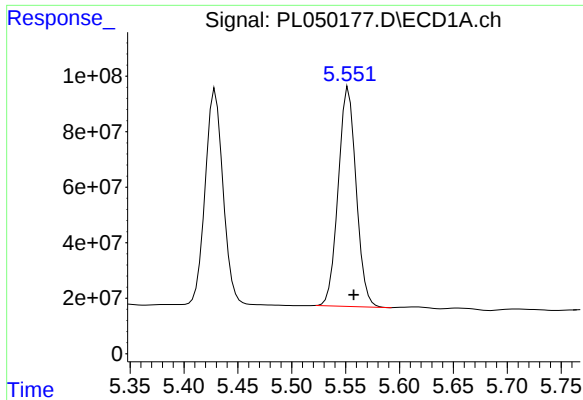
#12 4,4'-DDE

R.T.: 5.429 min
Delta R.T.: -0.005 min
Response: 905507407
Conc: 54.36 ng/ml



#12 4,4'-DDE

R.T.: 6.262 min
Delta R.T.: -0.004 min
Response: 212052195
Conc: 61.11 ng/ml



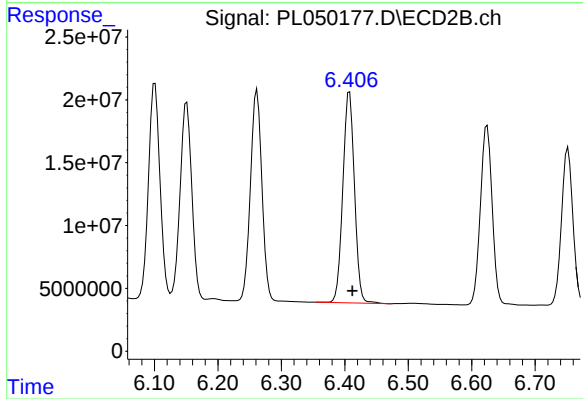
#13 Dieldrin

R.T.: 5.553 min
Delta R.T.: -0.005 min
Response: 914592967
Conc: 54.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-070219MSD

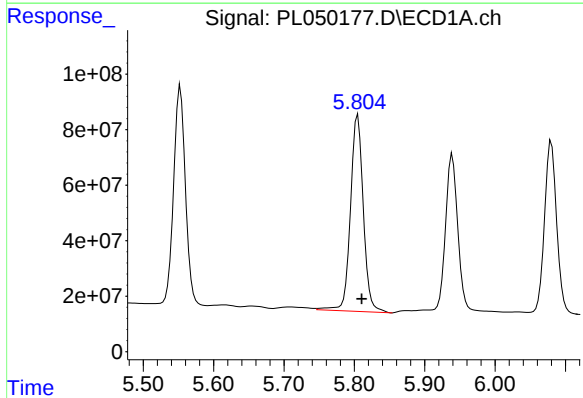
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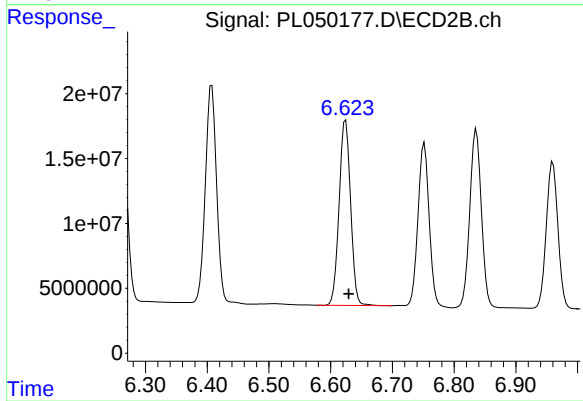
#13 Dieldrin

R.T.: 6.407 min
Delta R.T.: -0.005 min
Response: 213570886
Conc: 60.20 ng/ml



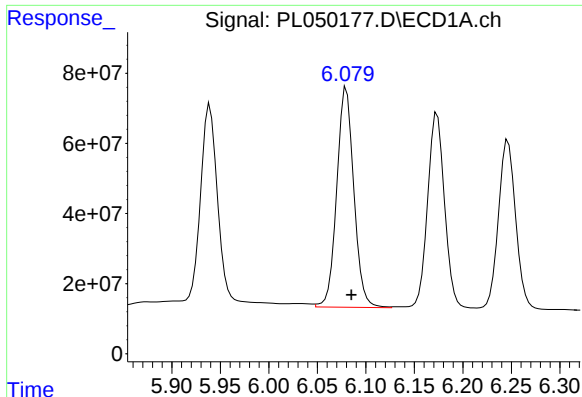
#14 Endrin

R.T.: 5.805 min
Delta R.T.: -0.006 min
Response: 901561373
Conc: 56.30 ng/ml



#14 Endrin

R.T.: 6.624 min
Delta R.T.: -0.005 min
Response: 184470353
Conc: 58.43 ng/ml



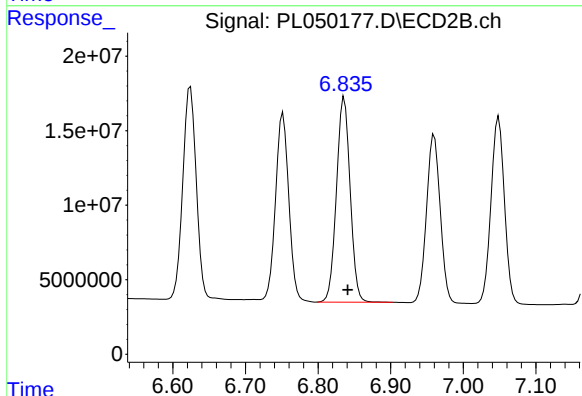
#15 Endosulfan II

R.T.: 6.080 min
Delta R.T.: -0.005 min
Response: 768553644
Conc: 52.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-070219MSD

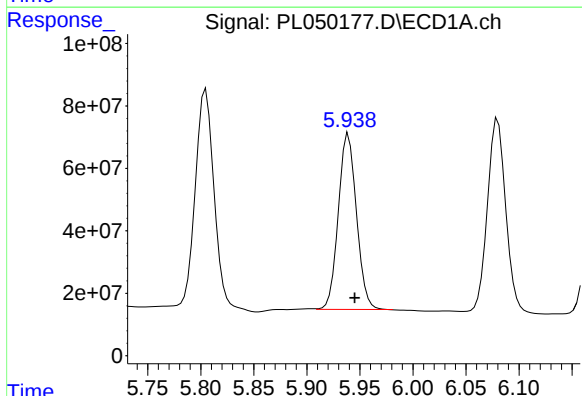
Manual Integrations
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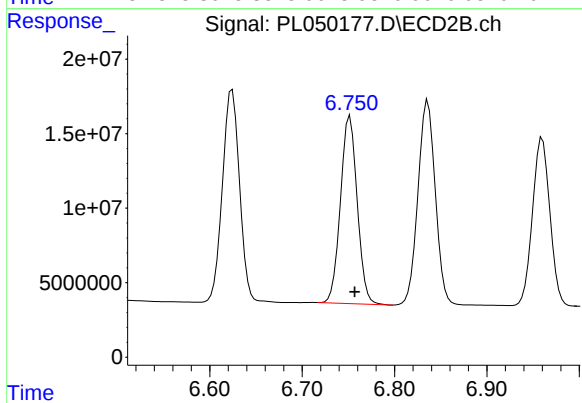
#15 Endosulfan II

R.T.: 6.836 min
Delta R.T.: -0.005 min
Response: 179744278
Conc: 55.81 ng/ml



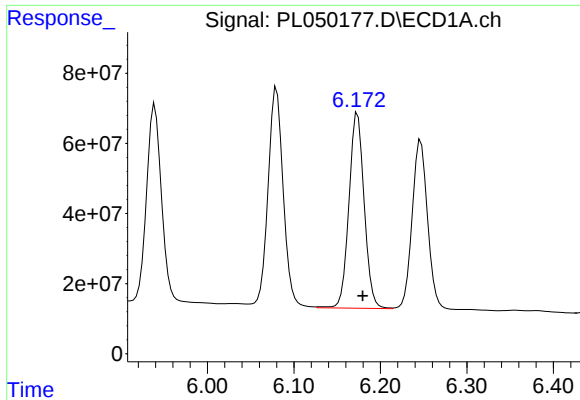
#16 4,4'-DDD

R.T.: 5.938 min
Delta R.T.: -0.007 min
Response: 670655788
Conc: 53.13 ng/ml m



#16 4,4'-DDD

R.T.: 6.752 min
Delta R.T.: -0.005 min
Response: 158618445
Conc: 60.67 ng/ml



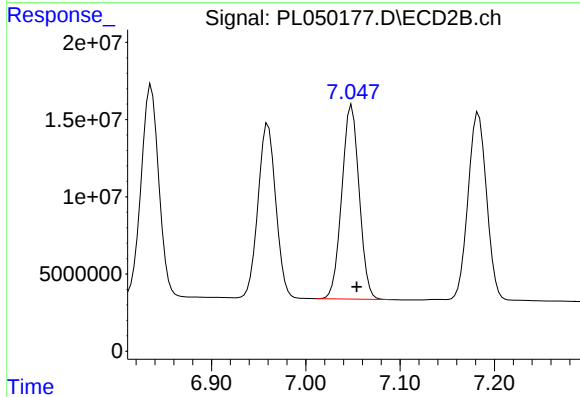
#17 4,4'-DDT

R.T.: 6.174 min
Delta R.T.: -0.006 min
Response: 680738045
Conc: 51.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-070219MSD

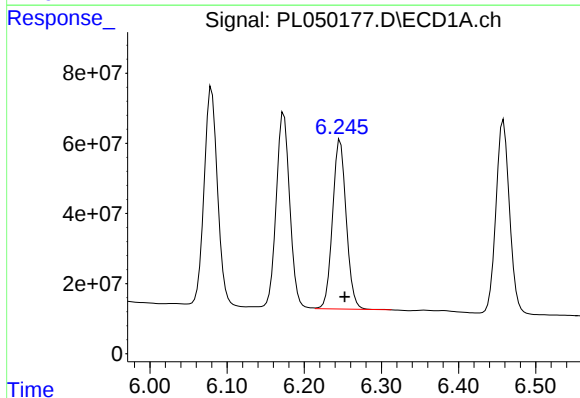
Manual Integrations
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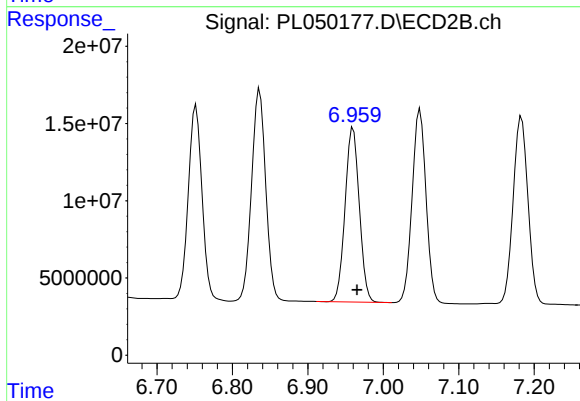
#17 4,4'-DDT

R.T.: 7.049 min
Delta R.T.: -0.005 min
Response: 161160575
Conc: 55.03 ng/ml



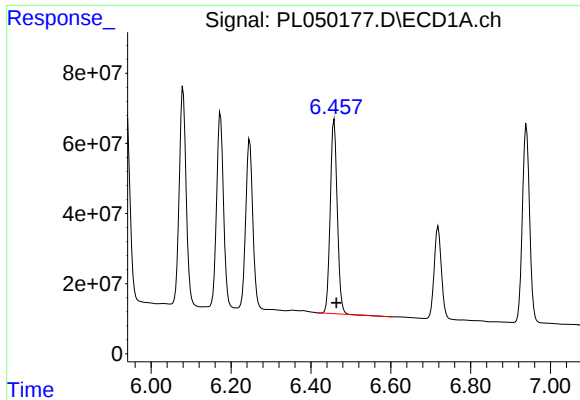
#18 Endrin aldehyde

R.T.: 6.247 min
Delta R.T.: -0.006 min
Response: 595227172
Conc: 50.39 ng/ml



#18 Endrin aldehyde

R.T.: 6.960 min
Delta R.T.: -0.005 min
Response: 148243125
Conc: 53.98 ng/ml



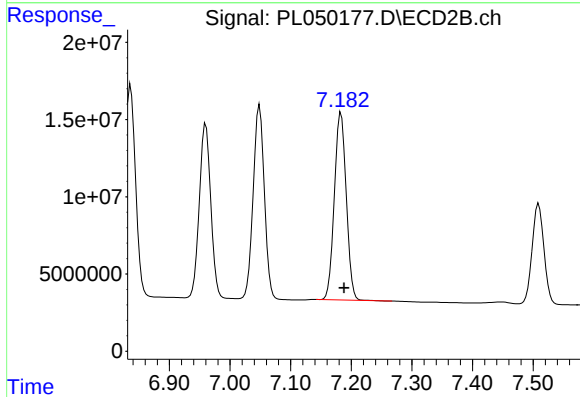
#19 Endosulfan Sulfate

R.T.: 6.458 min
Delta R.T.: -0.006 min
Response: 675406885
Conc: 52.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-070219MSD

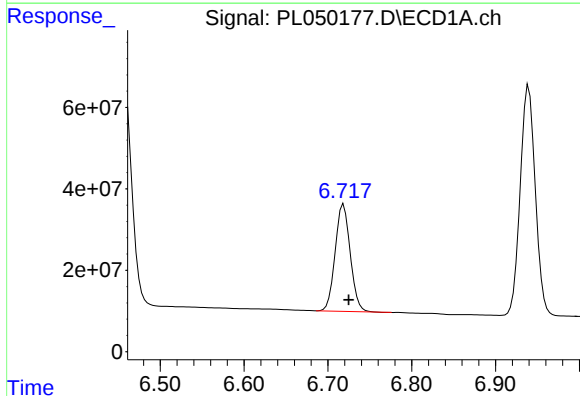
Manual Integrations
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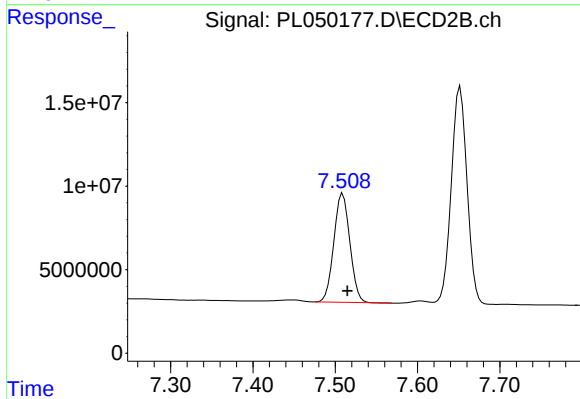
#19 Endosulfan Sulfate

R.T.: 7.183 min
Delta R.T.: -0.005 min
Response: 165445844
Conc: 54.97 ng/ml



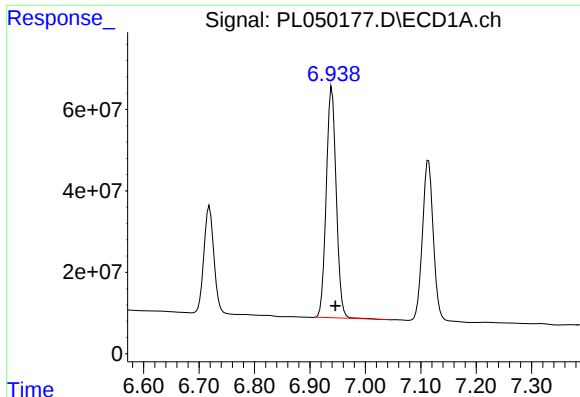
#20 Methoxychlor

R.T.: 6.719 min
Delta R.T.: -0.006 min
Response: 328713954
Conc: 50.43 ng/ml



#20 Methoxychlor

R.T.: 7.509 min
Delta R.T.: -0.006 min
Response: 88108154
Conc: 52.86 ng/ml



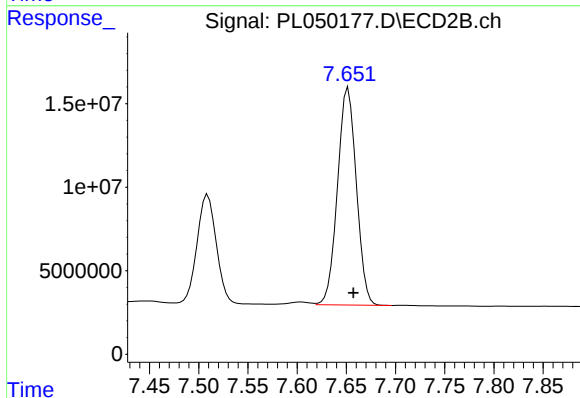
#21 Endrin ketone

R.T.: 6.940 min
Delta R.T.: -0.007 min
Response: 709057801
Conc: 50.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-070219MSD

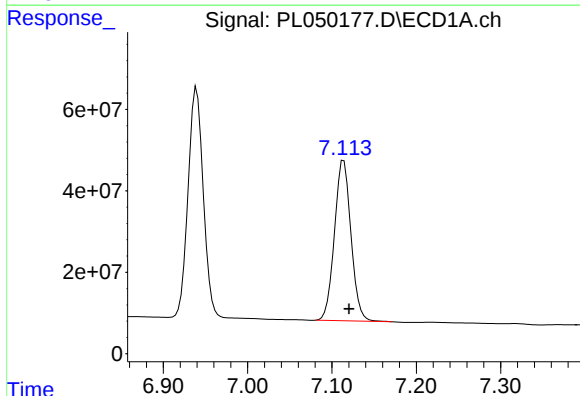
Manual Integrations
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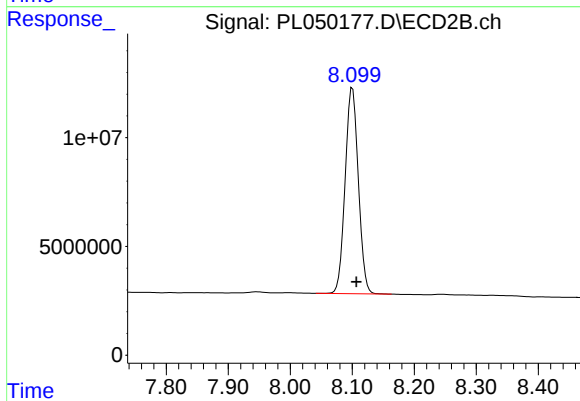
#21 Endrin ketone

R.T.: 7.652 min
Delta R.T.: -0.005 min
Response: 173219841
Conc: 55.59 ng/ml



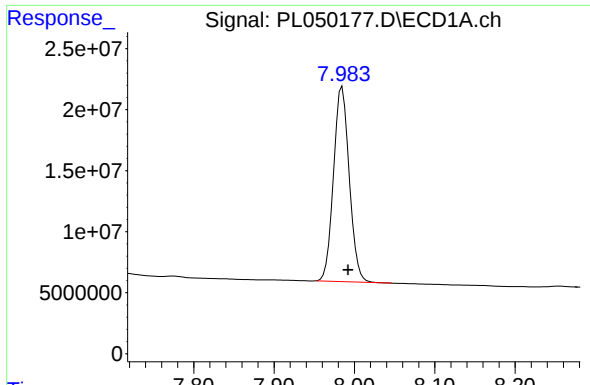
#22 Mirex

R.T.: 7.114 min
Delta R.T.: -0.006 min
Response: 535668888
Conc: 51.82 ng/ml



#22 Mirex

R.T.: 8.100 min
Delta R.T.: -0.006 min
Response: 139737041
Conc: 55.26 ng/ml



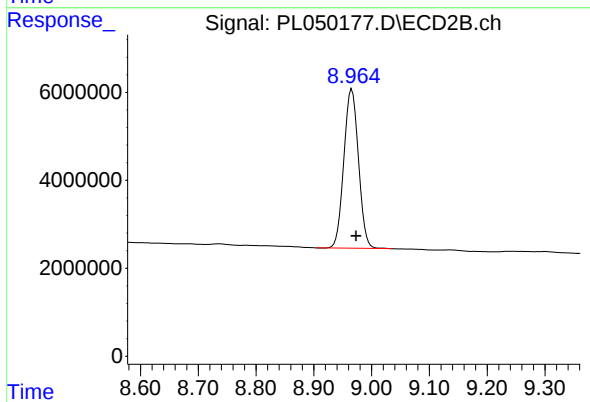
#28 Decachlorobiphenyl

R.T.: 7.985 min
Delta R.T.: -0.007 min
Response: 217638679
Conc: 17.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
HD-01-070219MSD

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 8.966 min
Delta R.T.: -0.007 min
Response: 63287769
Conc: 18.85 ng/ml