

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102119\
 Data File : PL053513.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Oct 2019 12:47
 Operator : SG\AJ
 Sample : K5111-08
 Misc : PEST LOQ 5 PPB
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 LOQ-WATER-02-QT4-2019

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 22 01:00:03 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...	3.543	4.045	187.8E6	45836567	17.330	18.317
28)	SA Decachlor...	8.331	9.123	183.0E6	55337095	18.654	19.651
Target Compounds							
2)	A alpha-BHC	3.987	4.435	63718060	13535914	3.654	3.915
3)	MA gamma-BHC...	4.273	4.719	58008429	13672658	3.725	4.246m
4)	MA Heptachlor	4.581	5.231	60853096	14078201	3.856	4.369
5)	MB Aldrin	4.832	5.536	53217680	12447217	3.723	4.175
6)	B beta-BHC	4.524	4.890	27706245	7277261	4.204	4.711
7)	B delta-BHC	4.732	5.108	46233004	11522029	3.037	3.814 #
8)	B Heptachlo...	5.278	5.923	53047022	13222592	3.930	4.534
9)	A Endosulfan I	5.620	6.280	49121127	11764407	3.996	4.339
10)	B gamma-Chl...	5.505	6.156	52882043	12123552	3.876m	4.155
11)	B alpha-Chl...	5.566	6.229	53148651	12666440	3.995	4.339
12)	B 4,4'-DDE	5.728	6.385	45803152	12229998	3.855	4.342
13)	MA Dieldrin	5.864	6.536	47761307	12039113	3.664	4.219
14)	MA Endrin	6.123	6.754	44038572	9905375	3.799	4.081
15)	B Endosulfa...	6.397	6.963	43764306	13465450	3.914	5.271 #
16)	A 4,4'-DDD	6.245	6.875	34136349	10094028	3.836m	4.844 #
17)	MA 4,4'-DDT	6.489	7.173	34980139	9864704	3.531	4.266
18)	B Endrin al...	6.565	7.085	38418292	10213325	4.190	4.649m
19)	B Endosulfa...	6.779	7.309	43648741	11178867	4.291	4.556
20)	A Methoxychlor	7.035	7.631	20978215	5700125	4.255	4.388
21)	B Endrin ke...	7.273	7.781	44586539	12131608	4.142	4.705
22)	Mirex	7.466	8.236	39523420	9573687	4.621	4.732

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102119\
Data File : PL053513.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Oct 2019 12:47
Operator : SG\AJ
Sample : K5111-08
Misc : PEST LOQ 5 PPB
ALS Vial : 13 Sample Multiplier: 1

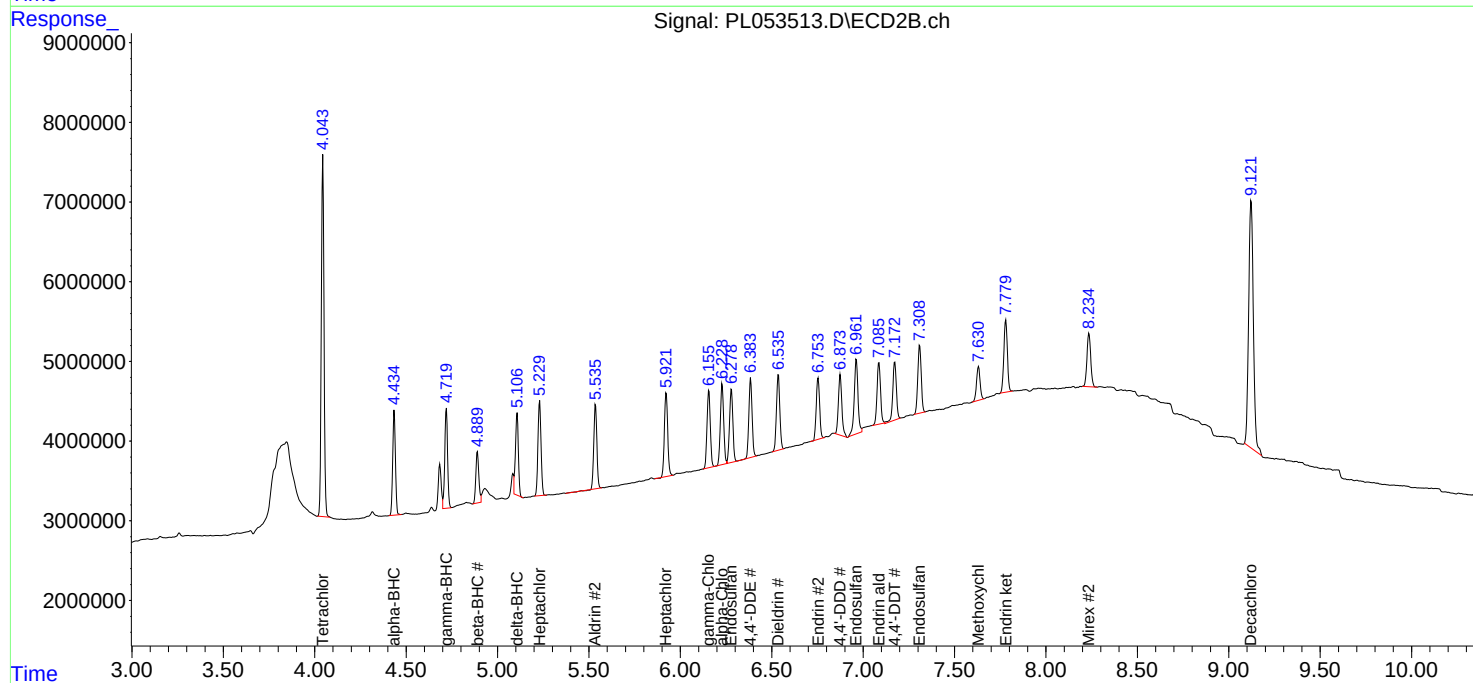
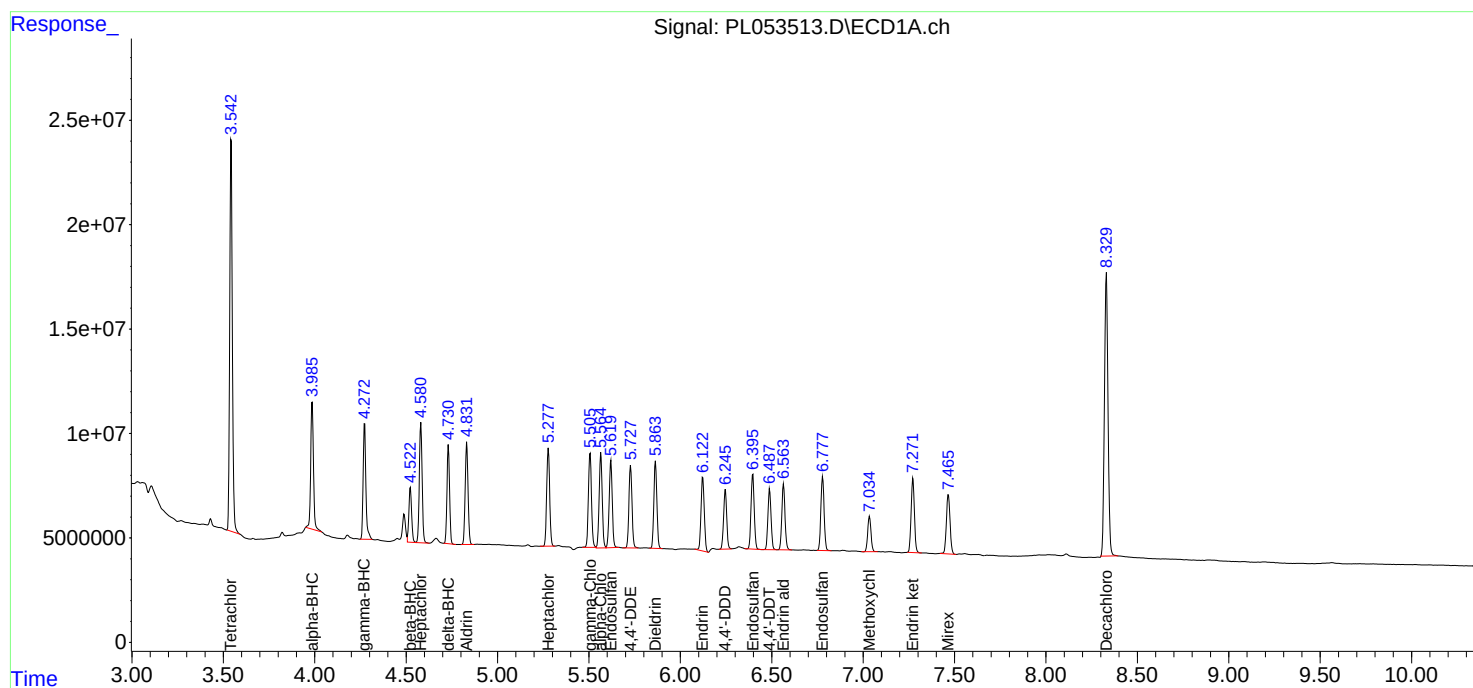
Instrument :
ECD_L
ClientSampled :
LOQ-WATER-02-QT4-2019

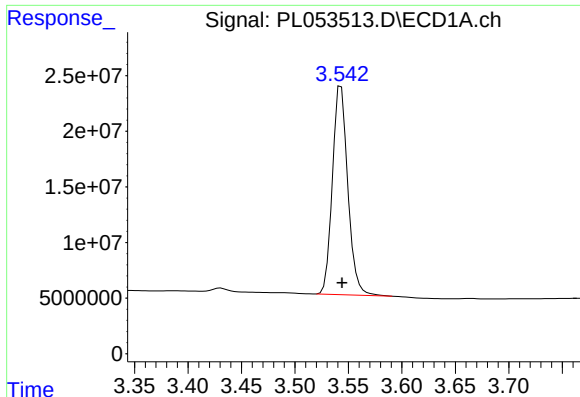
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 22 01:00:03 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL101919.M
Quant Title : GC Extractables
QLast Update : Fri Oct 18 13:56:08 2019
Response 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





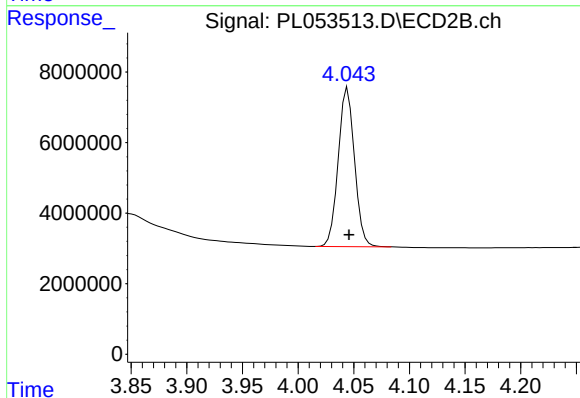
#1 Tetrachloro-m-xylene

R.T.: 3.543 min
Delta R.T.: 0.000 min
Response: 187848985
Conc: 17.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT4-2019

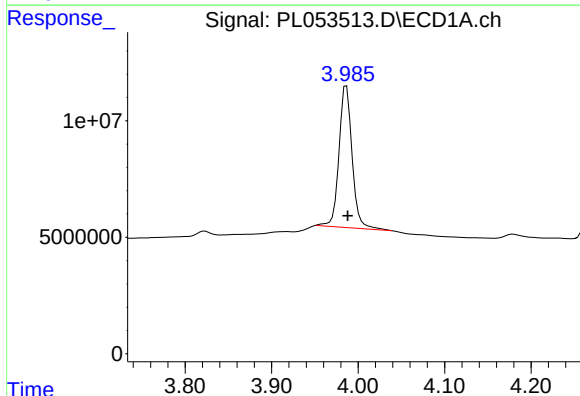
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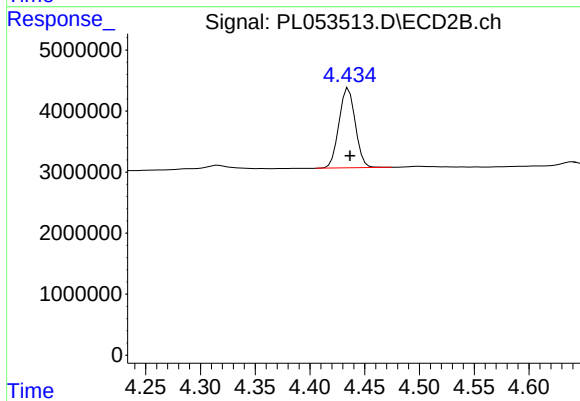
#1 Tetrachloro-m-xylene

R.T.: 4.045 min
Delta R.T.: -0.001 min
Response: 45836567
Conc: 18.32 ng/ml



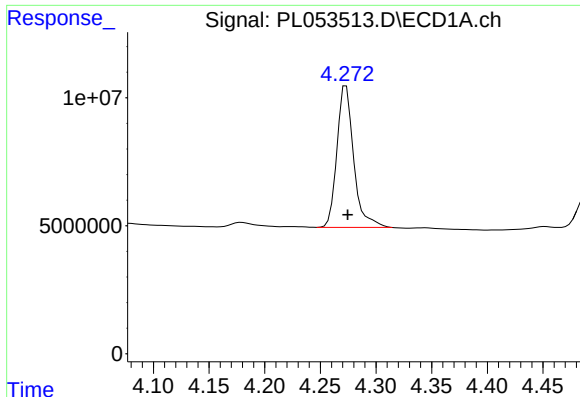
#2 alpha-BHC

R.T.: 3.987 min
Delta R.T.: -0.001 min
Response: 63718060
Conc: 3.65 ng/ml



#2 alpha-BHC

R.T.: 4.435 min
Delta R.T.: -0.001 min
Response: 13535914
Conc: 3.92 ng/ml



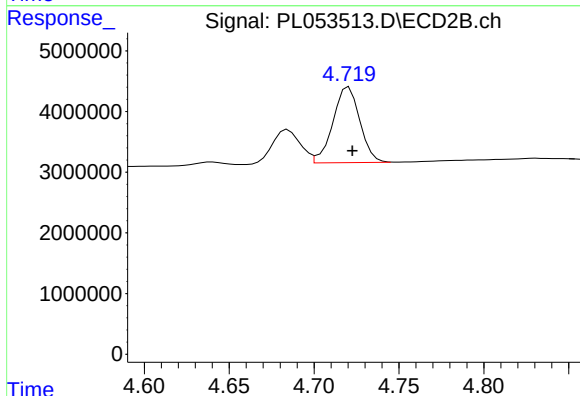
#3 gamma-BHC (Lindane)

R.T.: 4.273 min
Delta R.T.: -0.001 min
Response: 58008429
Conc: 3.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT4-2019

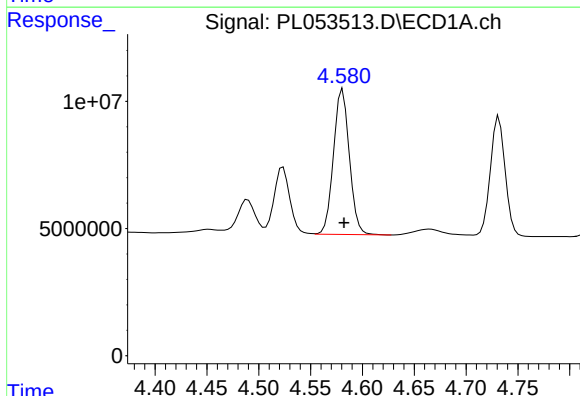
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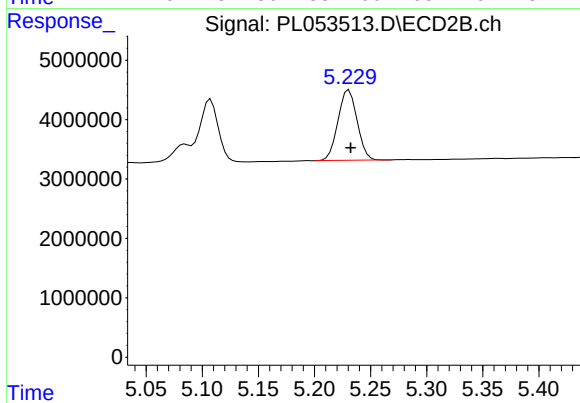
#3 gamma-BHC (Lindane)

R.T.: 4.719 min
Delta R.T.: -0.003 min
Response: 13672658
Conc: 4.25 ng/ml m



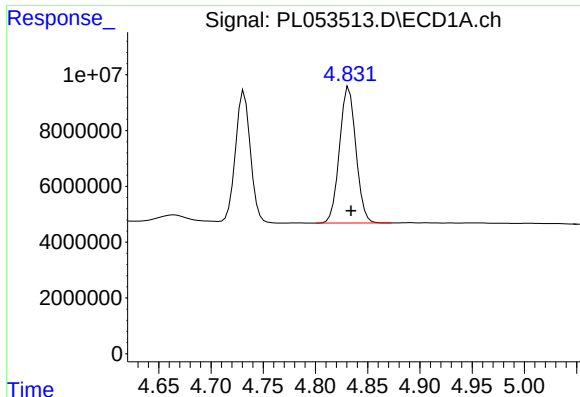
#4 Heptachlor

R.T.: 4.581 min
Delta R.T.: -0.001 min
Response: 60853096
Conc: 3.86 ng/ml



#4 Heptachlor

R.T.: 5.231 min
Delta R.T.: -0.001 min
Response: 14078201
Conc: 4.37 ng/ml



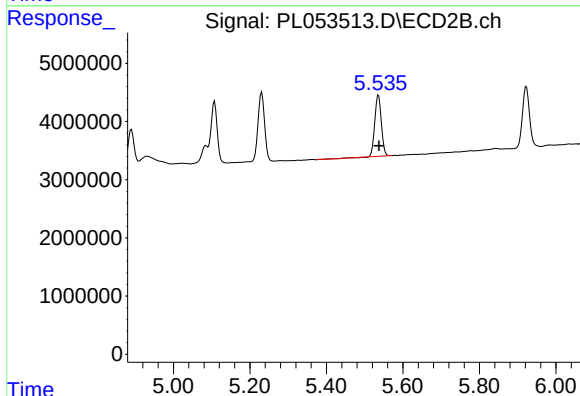
#5 Aldrin

R.T.: 4.832 min
Delta R.T.: -0.002 min
Response: 53217680
Conc: 3.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT4-2019

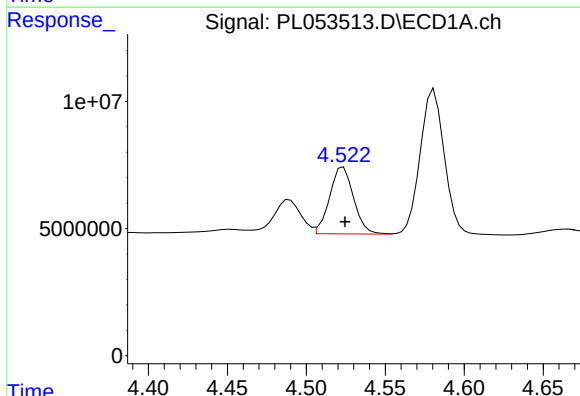
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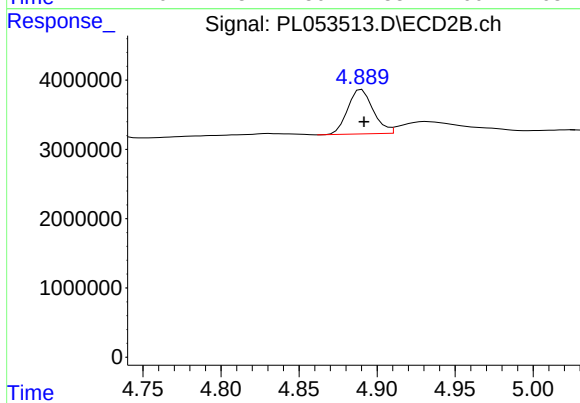
#5 Aldrin

R.T.: 5.536 min
Delta R.T.: -0.002 min
Response: 12447217
Conc: 4.17 ng/ml



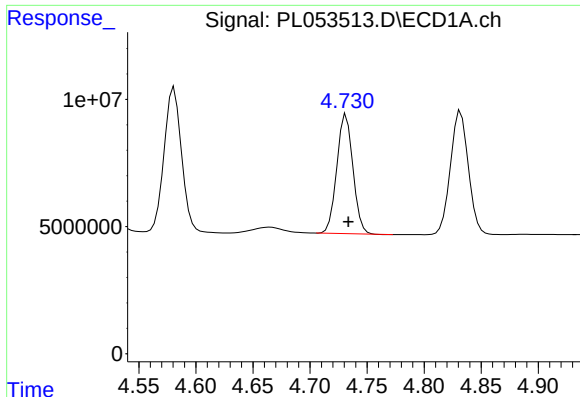
#6 beta-BHC

R.T.: 4.524 min
Delta R.T.: -0.001 min
Response: 27706245
Conc: 4.20 ng/ml



#6 beta-BHC

R.T.: 4.890 min
Delta R.T.: -0.001 min
Response: 7277261
Conc: 4.71 ng/ml



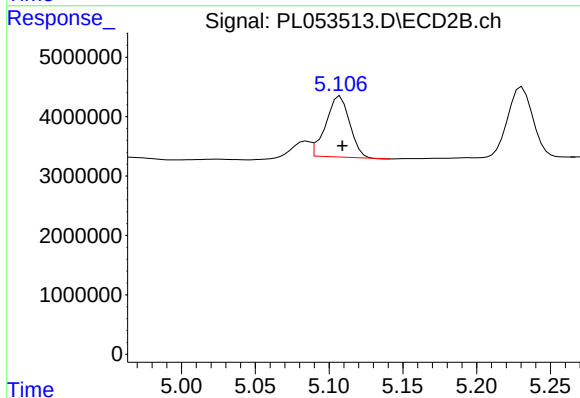
#7 delta-BHC

R.T.: 4.732 min
Delta R.T.: -0.002 min
Response: 46233004
Conc: 3.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT4-2019

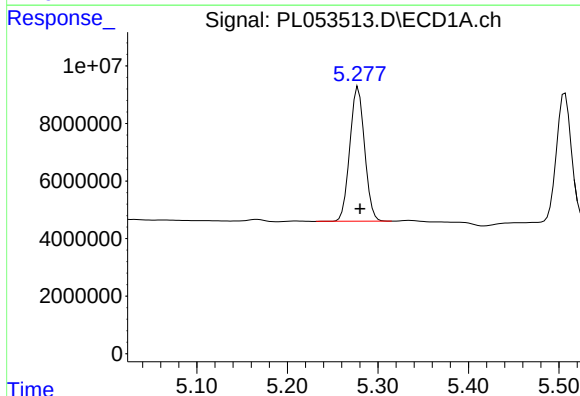
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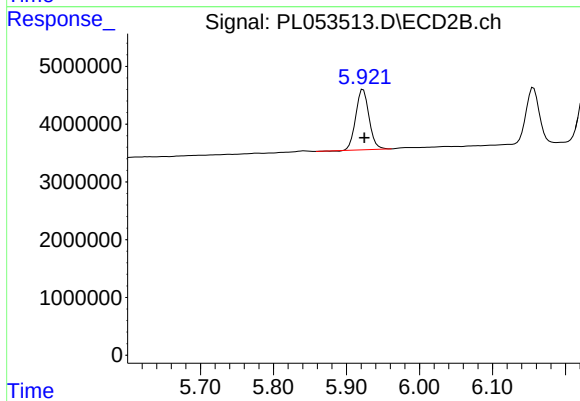
#7 delta-BHC

R.T.: 5.108 min
Delta R.T.: -0.002 min
Response: 11522029
Conc: 3.81 ng/ml



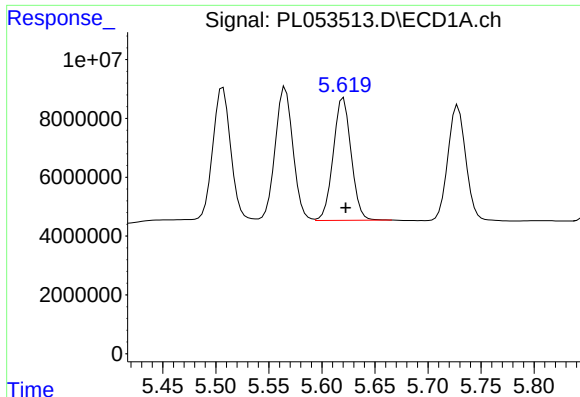
#8 Heptachlor epoxide

R.T.: 5.278 min
Delta R.T.: -0.002 min
Response: 53047022
Conc: 3.93 ng/ml



#8 Heptachlor epoxide

R.T.: 5.923 min
Delta R.T.: -0.002 min
Response: 13222592
Conc: 4.53 ng/ml



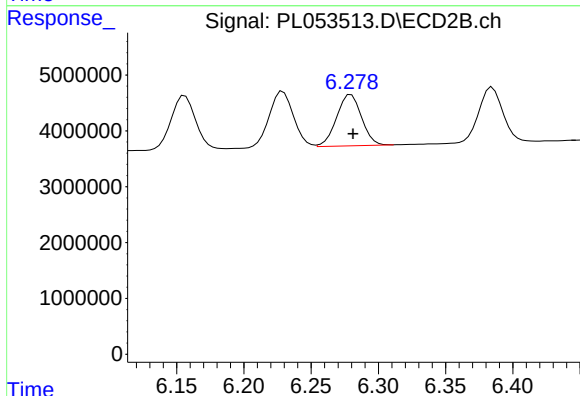
#9 Endosulfan I

R.T.: 5.620 min
Delta R.T.: -0.002 min
Response: 49121127
Conc: 4.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT4-2019

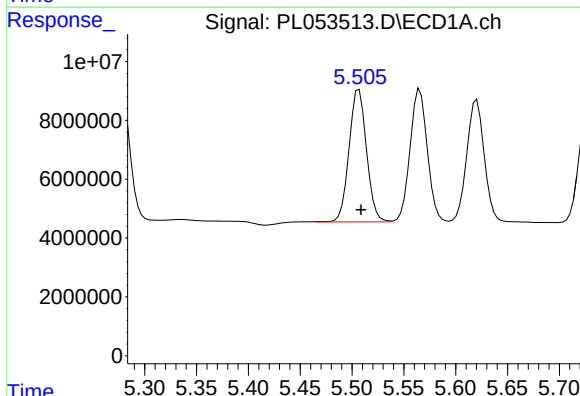
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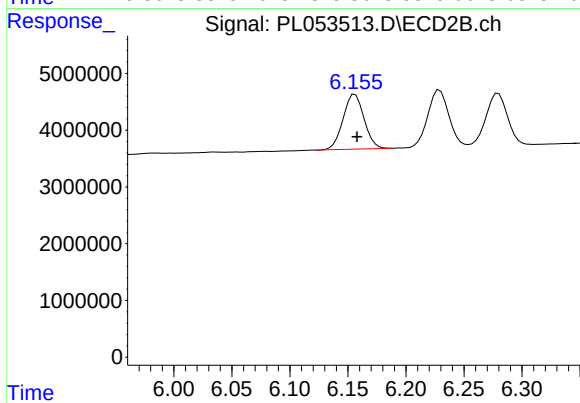
#9 Endosulfan I

R.T.: 6.280 min
Delta R.T.: -0.002 min
Response: 11764407
Conc: 4.34 ng/ml



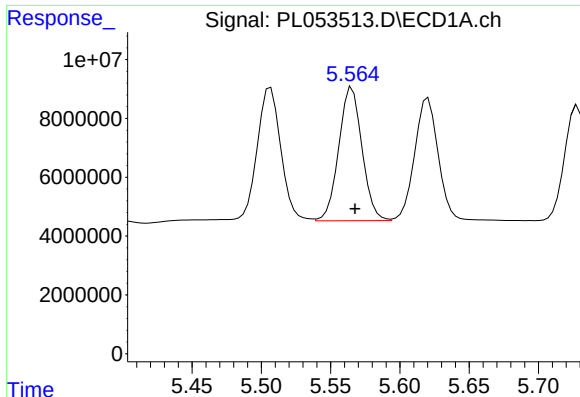
#10 gamma-Chlordane

R.T.: 5.505 min
Delta R.T.: -0.004 min
Response: 52882043
Conc: 3.88 ng/ml m



#10 gamma-Chlordane

R.T.: 6.156 min
Delta R.T.: -0.002 min
Response: 12123552
Conc: 4.16 ng/ml



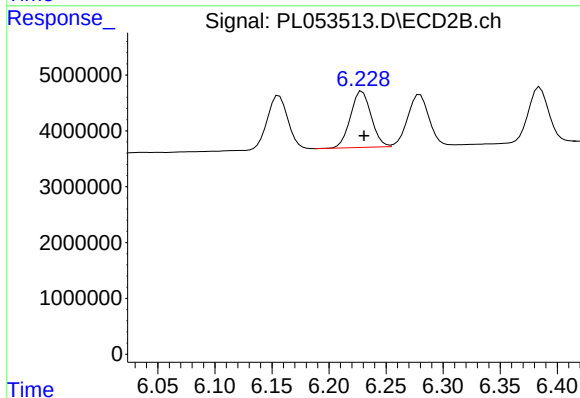
#11 alpha-Chlordane

R.T.: 5.566 min
Delta R.T.: -0.002 min
Response: 53148651
Conc: 4.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT4-2019

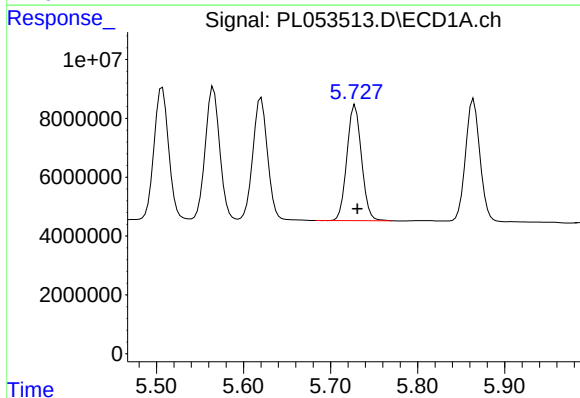
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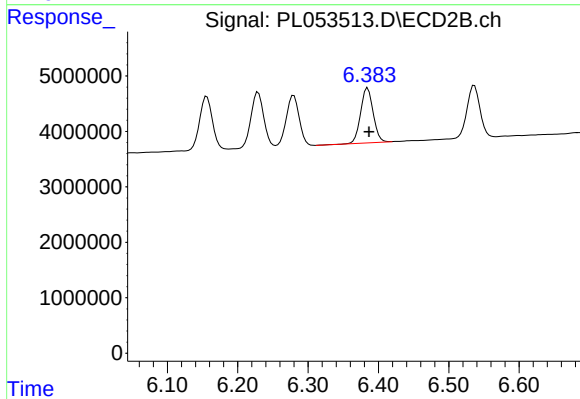
#11 alpha-Chlordane

R.T.: 6.229 min
Delta R.T.: -0.002 min
Response: 12666440
Conc: 4.34 ng/ml



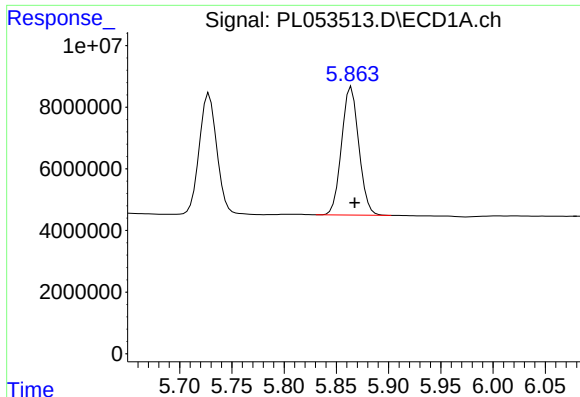
#12 4,4'-DDE

R.T.: 5.728 min
Delta R.T.: -0.003 min
Response: 45803152
Conc: 3.85 ng/ml



#12 4,4'-DDE

R.T.: 6.385 min
Delta R.T.: -0.002 min
Response: 12229998
Conc: 4.34 ng/ml



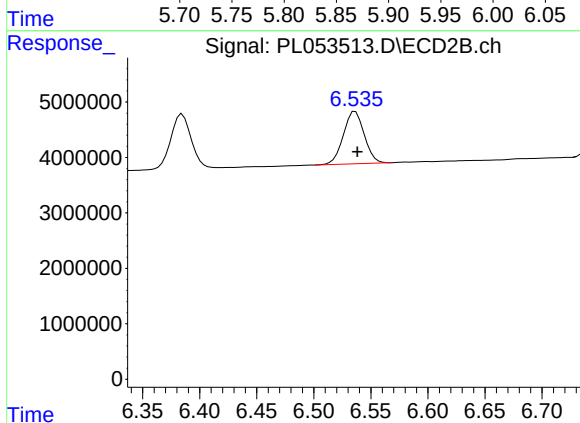
#13 Dieldrin

R.T.: 5.864 min
Delta R.T.: -0.003 min
Response: 47761307
Conc: 3.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT4-2019

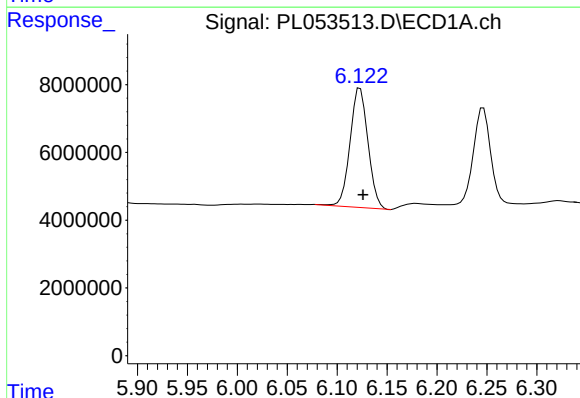
Manual Integrations
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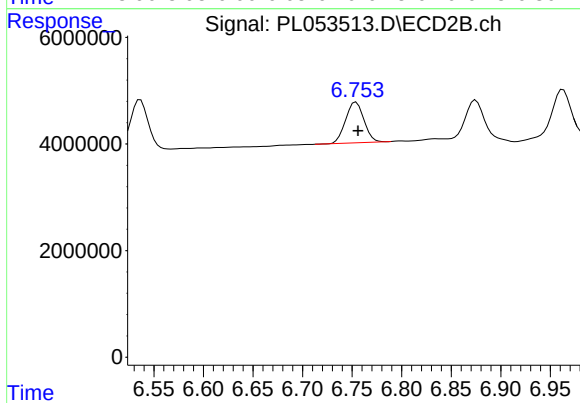
#13 Dieldrin

R.T.: 6.536 min
Delta R.T.: -0.002 min
Response: 12039113
Conc: 4.22 ng/ml



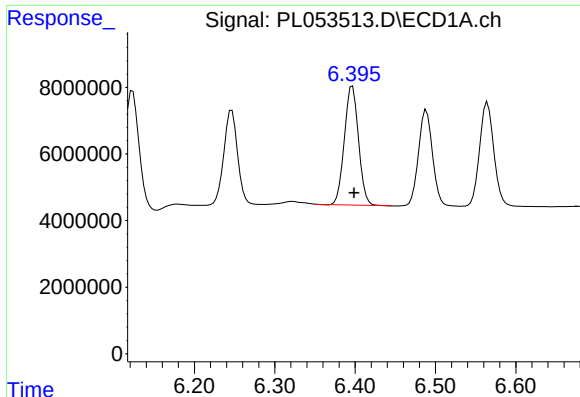
#14 Endrin

R.T.: 6.123 min
Delta R.T.: -0.003 min
Response: 44038572
Conc: 3.80 ng/ml



#14 Endrin

R.T.: 6.754 min
Delta R.T.: -0.002 min
Response: 9905375
Conc: 4.08 ng/ml



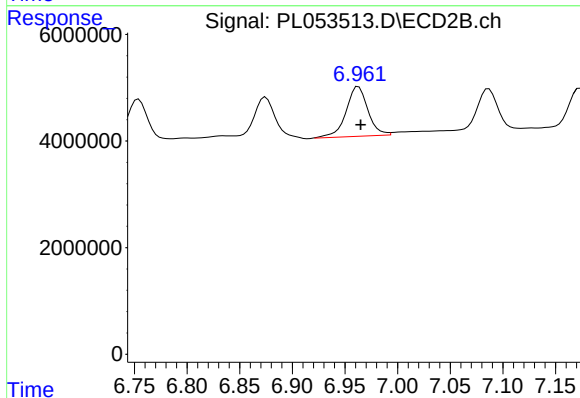
#15 Endosulfan II

R.T.: 6.397 min
Delta R.T.: -0.002 min
Response: 43764306
Conc: 3.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT4-2019

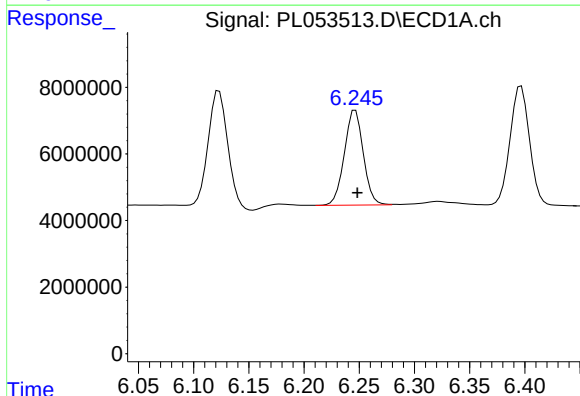
Manual Integrations
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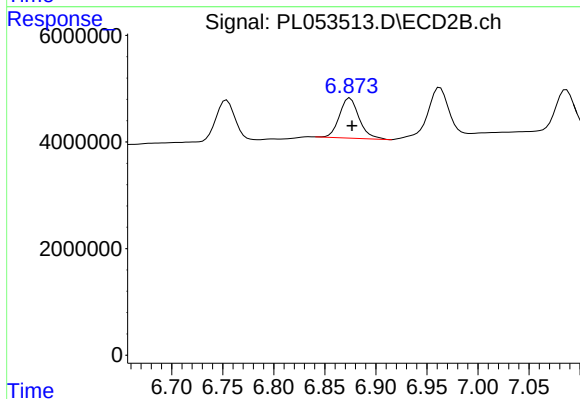
#15 Endosulfan II

R.T.: 6.963 min
Delta R.T.: -0.002 min
Response: 13465450
Conc: 5.27 ng/ml



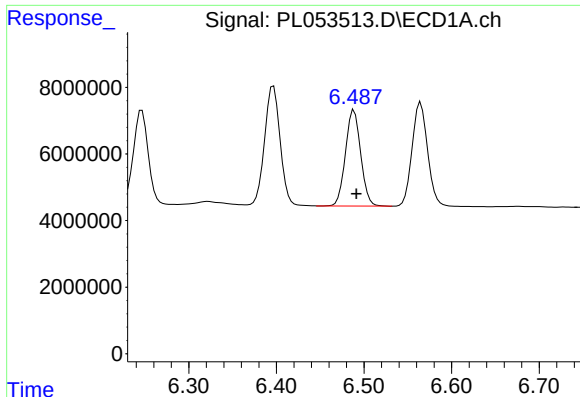
#16 4,4'-DDD

R.T.: 6.245 min
Delta R.T.: -0.003 min
Response: 34136349
Conc: 3.84 ng/ml m



#16 4,4'-DDD

R.T.: 6.875 min
Delta R.T.: -0.002 min
Response: 10094028
Conc: 4.84 ng/ml



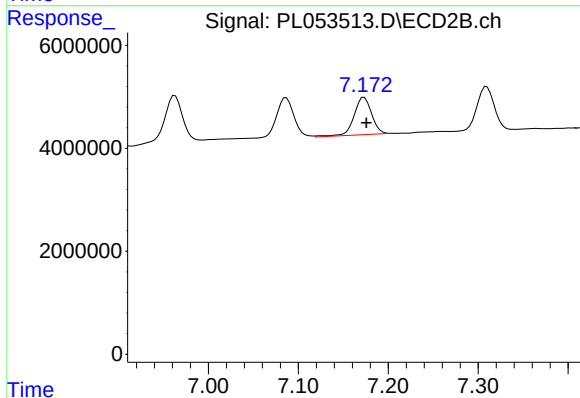
#17 4,4'-DDT

R.T.: 6.489 min
Delta R.T.: -0.002 min
Response: 34980139
Conc: 3.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT4-2019

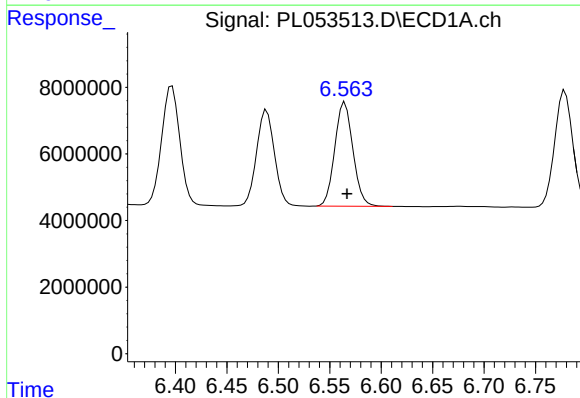
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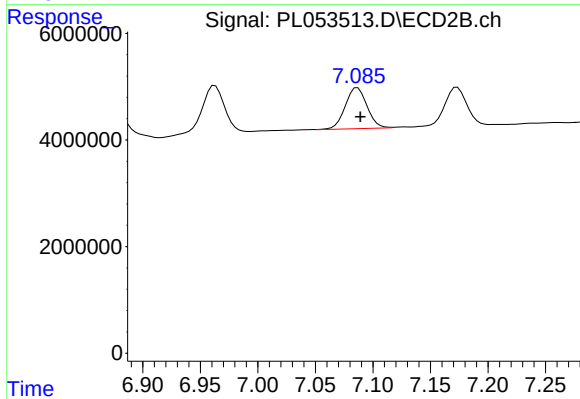
#17 4,4'-DDT

R.T.: 7.173 min
Delta R.T.: -0.002 min
Response: 9864704
Conc: 4.27 ng/ml



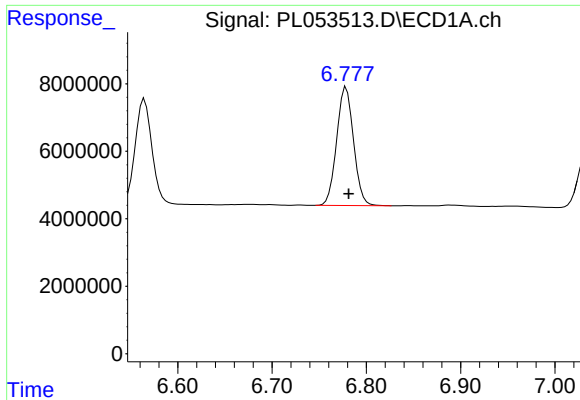
#18 Endrin aldehyde

R.T.: 6.565 min
Delta R.T.: -0.002 min
Response: 38418292
Conc: 4.19 ng/ml



#18 Endrin aldehyde

R.T.: 7.085 min
Delta R.T.: -0.004 min
Response: 10213325
Conc: 4.65 ng/ml m



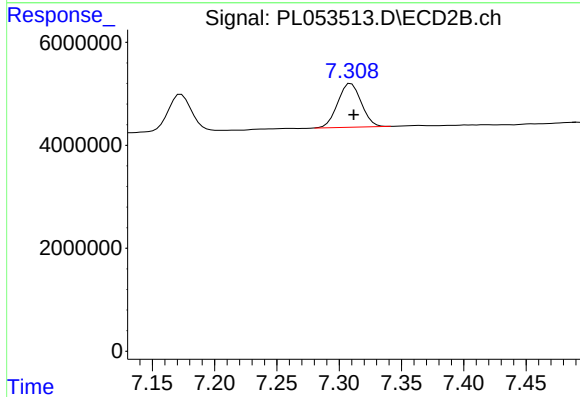
#19 Endosulfan Sulfate

R.T.: 6.779 min
Delta R.T.: -0.003 min
Response: 43648741
Conc: 4.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT4-2019

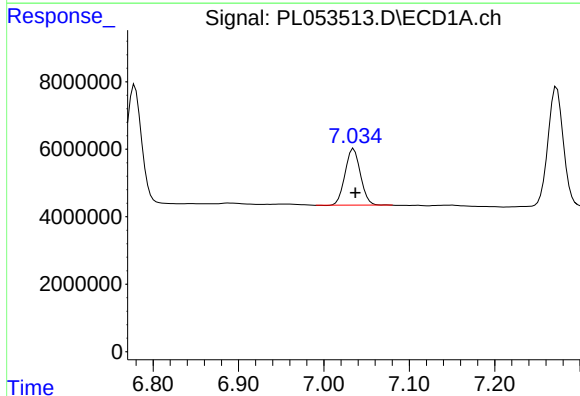
Manual Integrations
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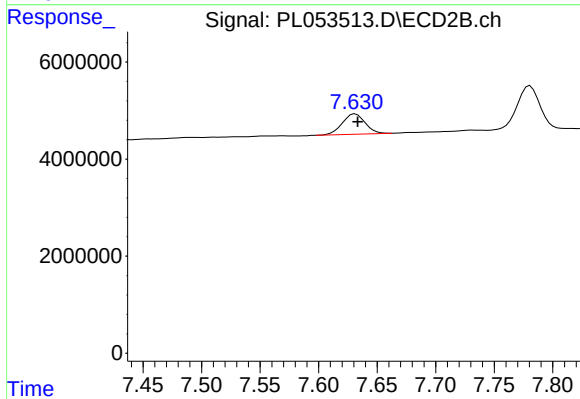
#19 Endosulfan Sulfate

R.T.: 7.309 min
Delta R.T.: -0.002 min
Response: 11178867
Conc: 4.56 ng/ml



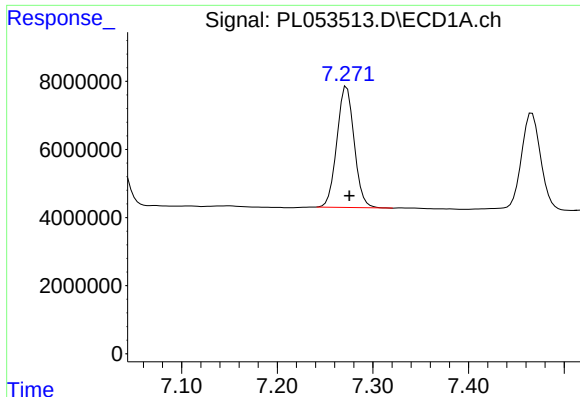
#20 Methoxychlor

R.T.: 7.035 min
Delta R.T.: -0.002 min
Response: 20978215
Conc: 4.25 ng/ml



#20 Methoxychlor

R.T.: 7.631 min
Delta R.T.: -0.002 min
Response: 5700125
Conc: 4.39 ng/ml



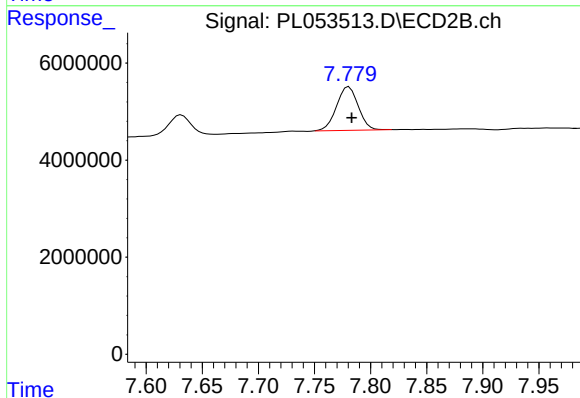
#21 Endrin ketone

R.T.: 7.273 min
Delta R.T.: -0.003 min
Response: 44586539
Conc: 4.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT4-2019

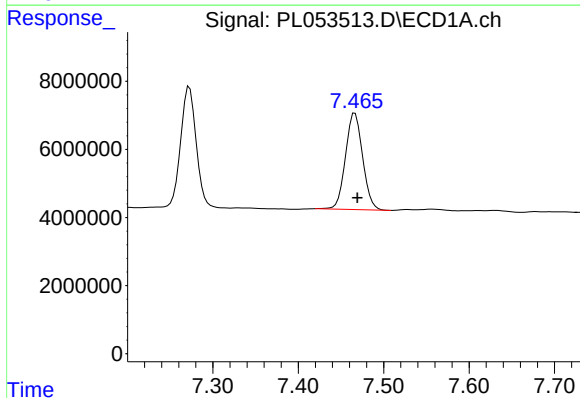
Manual Integrations
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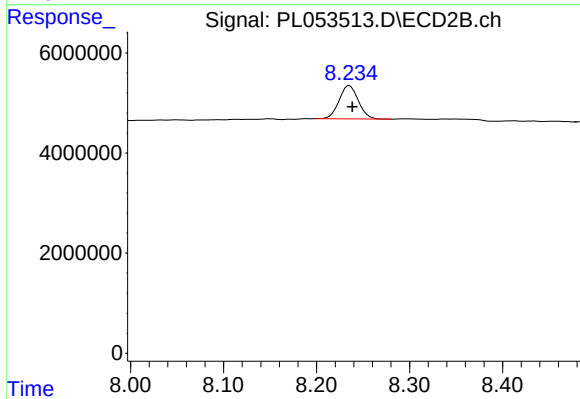
#21 Endrin ketone

R.T.: 7.781 min
Delta R.T.: -0.002 min
Response: 12131608
Conc: 4.70 ng/ml



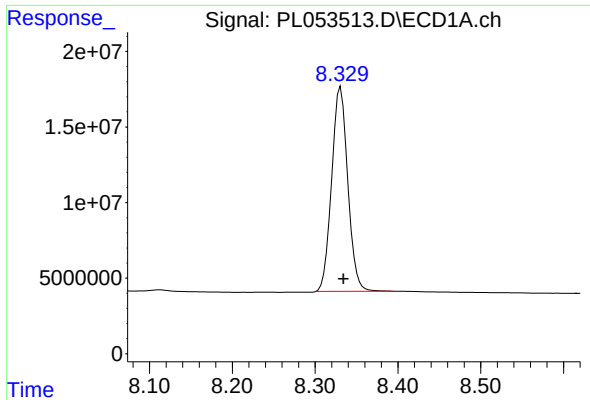
#22 Mirex

R.T.: 7.466 min
Delta R.T.: -0.003 min
Response: 39523420
Conc: 4.62 ng/ml



#22 Mirex

R.T.: 8.236 min
Delta R.T.: -0.003 min
Response: 9573687
Conc: 4.73 ng/ml



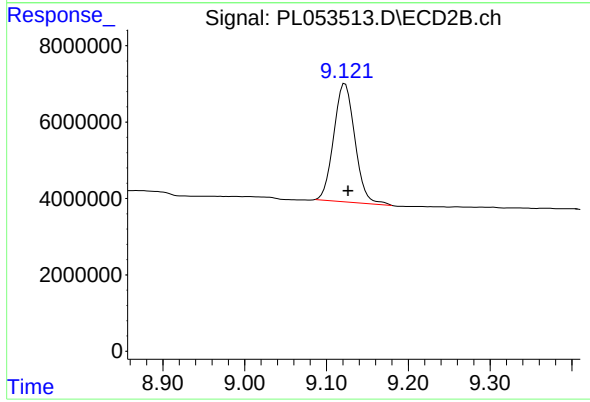
#28 Decachlorobiphenyl

R.T.: 8.331 min
Delta R.T.: -0.003 min
Response: 183023498
Conc: 18.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOQ-WATER-02-QT4-2019

Manual Integrations
APPROVED

Ankita
10/22/2019 12:23:56 PM



#28 Decachlorobiphenyl

R.T.: 9.123 min
Delta R.T.: -0.003 min
Response: 55337095
Conc: 19.65 ng/ml