Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL093019\
Data File : PL052839.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Sep 2019 10:51
Operator : SG\AJ
Sample : K4839-09DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : ECD_L
ClientSampleId : PT-PEST-WPDL

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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 30 14:16:21 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092919.M
Quant Title : GC Extractables
QLast Update : Mon Sep 30 08:44:08 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...	3.549	4.046	39106639	13779312	3.932	5.132 #
28)	SA Decachlor...	8.345	9.123	49578679	12720633	4.950	4.336
	Target Compounds						
2)	A alpha-BHC	3.994	4.438	946.6E6	216.6E6	59.348	56.406
3)	MA gamma-BHC...	4.281	4.723	3001.6E6	737.1E6	206.087	203.544
4)	MA Heptachlor	4.590	5.233	901.7E6	222.0E6	60.346	58.259
5)	MB Aldrin	4.842	5.538	715.0E6	172.5E6	51.982	49.774
6)	B beta-BHC	4.531	4.890	1878.5E6	487.7E6	302.561	310.277m
8)	B Heptachlo...	5.288	5.924	637.4E6	160.4E6	48.911	47.847
9)	A Endosulfan I	5.631	6.280	3922.9E6	1050.1E6	323.250	335.942
10)	B gamma-Chl...	5.517	6.157	1559.8E6	384.4E6	115.984	113.638
11)	B alpha-Chl...	5.577	6.230	1582.1E6	397.2E6	119.955	118.006
12)	B 4,4'-DDE	5.740	6.386	1886.8E6	503.8E6	162.565	154.256
13)	MA Dieldrin	5.876	6.537	2640.7E6	673.3E6	204.573	206.424
14)	MA Endrin	6.135	6.755	2820.4E6	703.4E6	247.601	253.289
15)	B Endosulfa...	6.407	6.963	2061.7E6	527.4E6	179.914	177.769
16)	A 4,4'-DDD	6.258	6.875	1326.4E6	354.2E6	147.571	144.425
17)	MA 4,4'-DDT	6.501	7.174	1523.7E6	381.4E6	149.202	146.556
18)	B Endrin al...	6.577	7.087	3166.3E6	842.2E6	337.167	343.398
19)	B Endosulfa...	6.790	7.309	2173.8E6	576.7E6	208.836	211.203
20)	A Methoxychlor	7.048	7.630	1079.1E6	299.2E6	209.201	212.543
21)	B Endrin ke...	7.285	7.781	3545.0E6	867.5E6	304.166	304.084

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL093019\
Data File : PL052839.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Sep 2019 10:51
Operator : SG\AJ
Sample : K4839-09DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL

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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 30 14:16:21 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092919.M
Quant Title : GC Extractables
QLast Update : Mon Sep 30 08:44:08 2019
Response via : Initial Calibration
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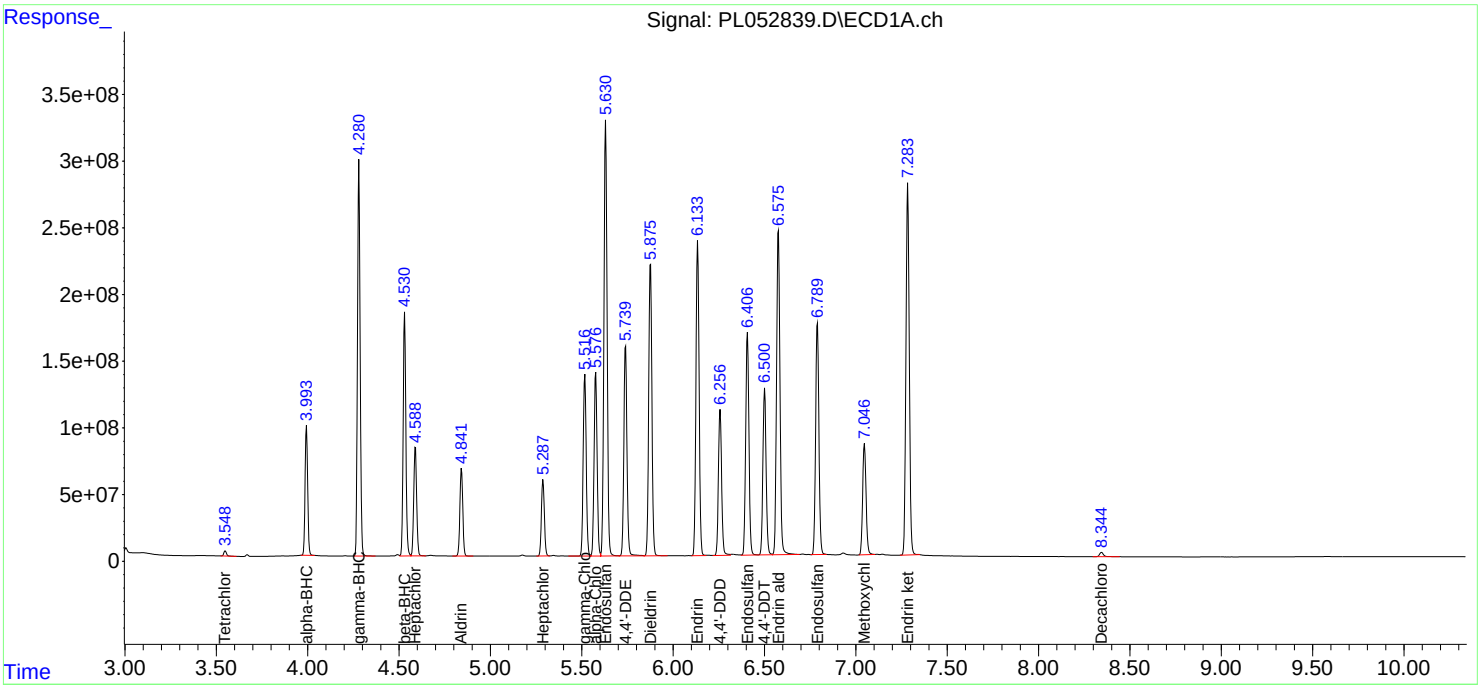
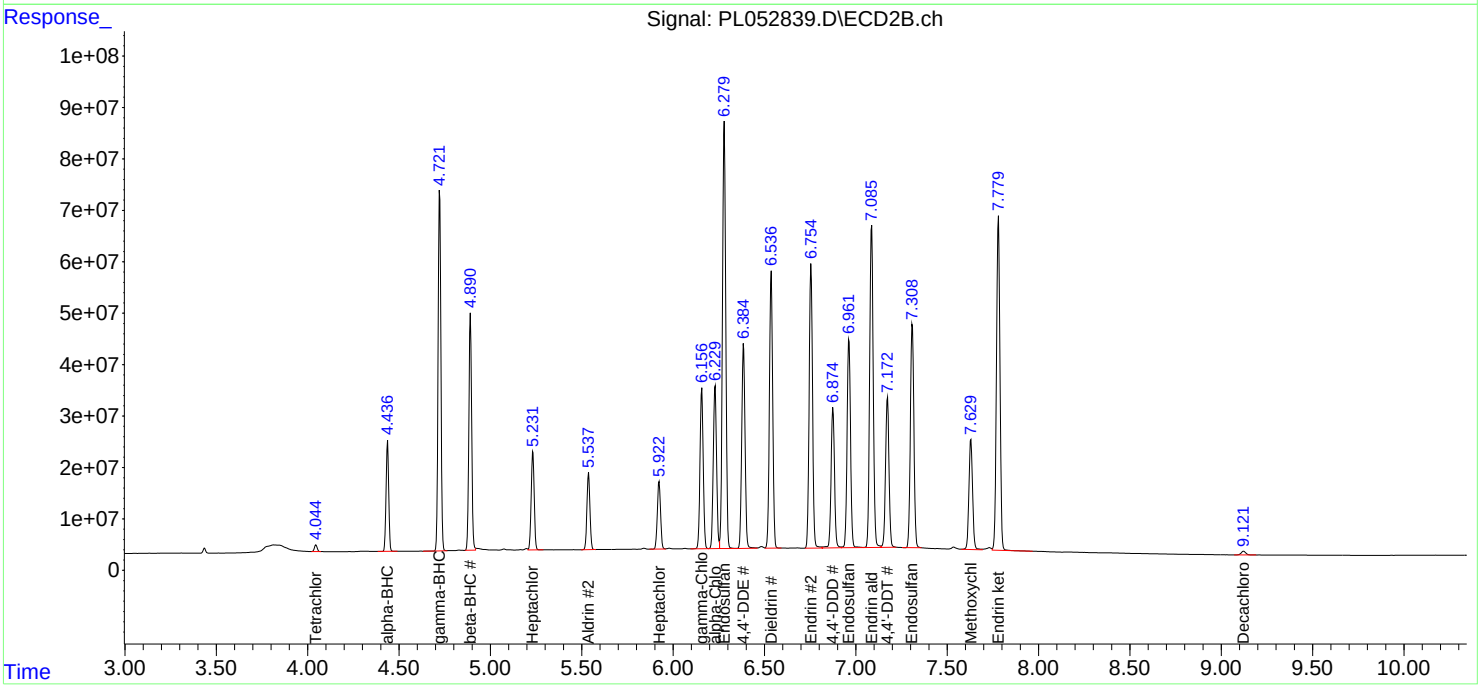
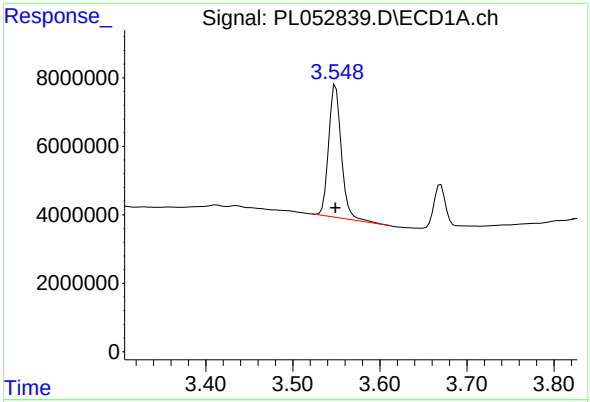
Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm







#1 Tetrachloro-m-xylene

R.T.: 3.549 min
Delta R.T.: 0.000 min
Response: 39106639
Conc: 3.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL

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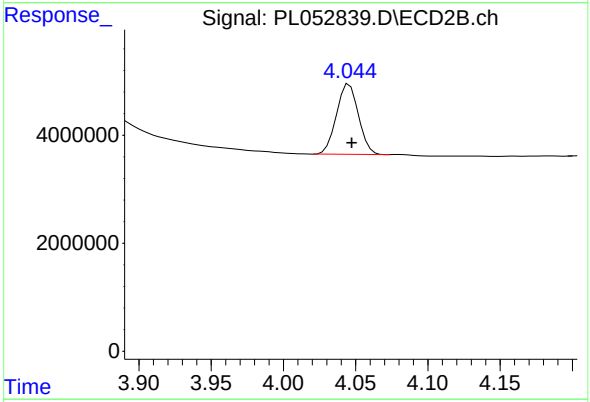
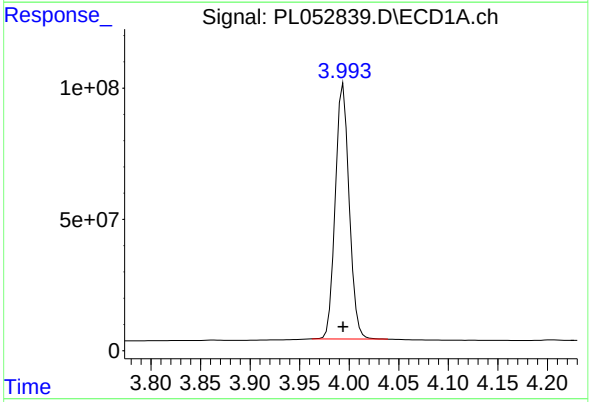


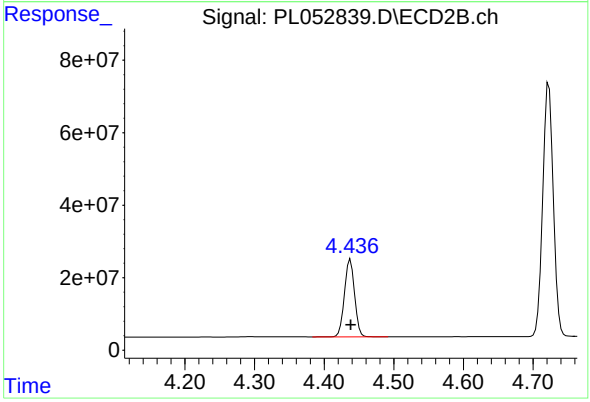
#1 Tetrachloro-m-xylene

R.T.: 4.046 min
Delta R.T.: -0.002 min
Response: 13779312
Conc: 5.13 ng/ml



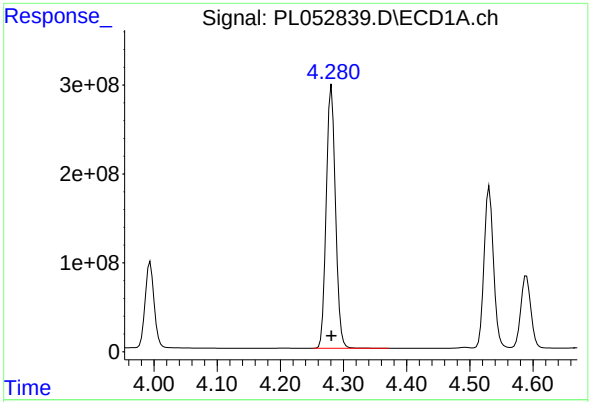
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.000 min
Response: 946638057
Conc: 59.35 ng/ml



#2 alpha-BHC

R.T.: 4.438 min
Delta R.T.: 0.000 min
Response: 216599735
Conc: 56.41 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.281 min
Delta R.T.: 0.000 min
Response: 3001575152
Conc: 206.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL

Manual Integrations APPROVED
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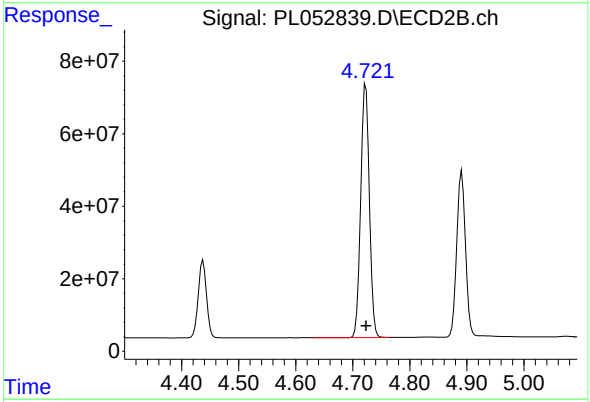
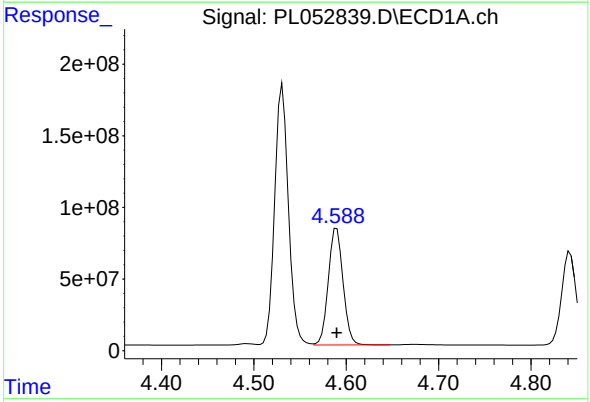


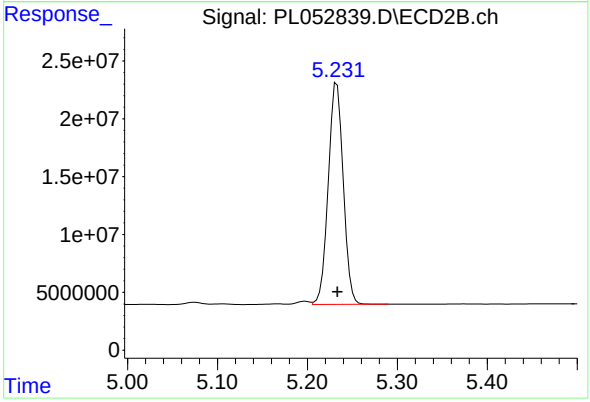
#3 gamma-BHC (Lindane)

R.T.: 4.723 min
Delta R.T.: 0.000 min
Response: 737074521
Conc: 203.54 ng/ml



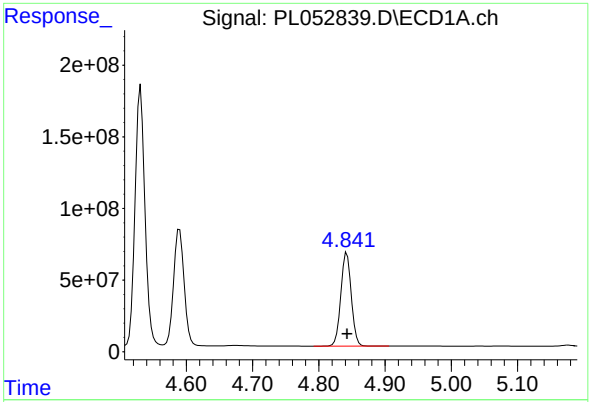
#4 Heptachlor

R.T.: 4.590 min
Delta R.T.: 0.000 min
Response: 901684319
Conc: 60.35 ng/ml



#4 Heptachlor

R.T.: 5.233 min
Delta R.T.: 0.000 min
Response: 222009401
Conc: 58.26 ng/ml



#5 Aldrin

R.T.: 4.842 min
Delta R.T.: 0.000 min
Response: 715029017
Conc: 51.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL

Manual Integrations APPROVED
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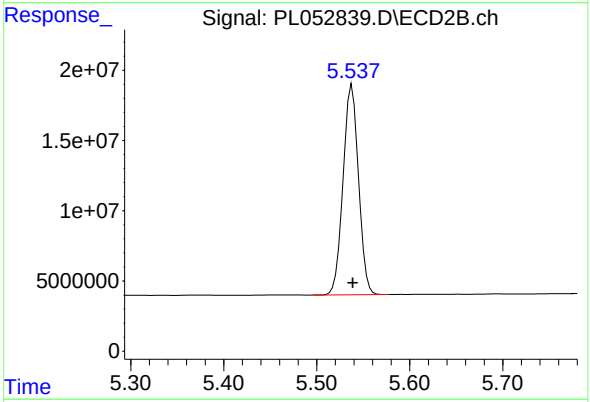
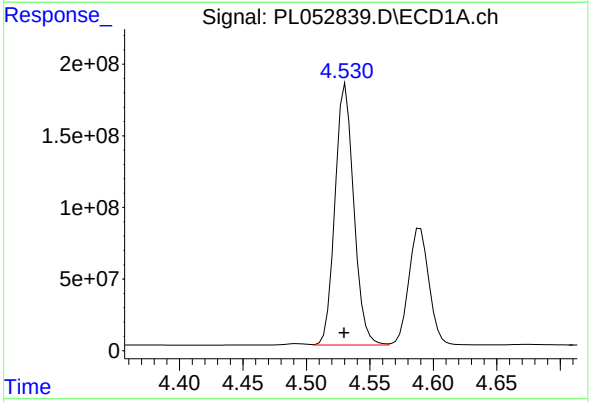


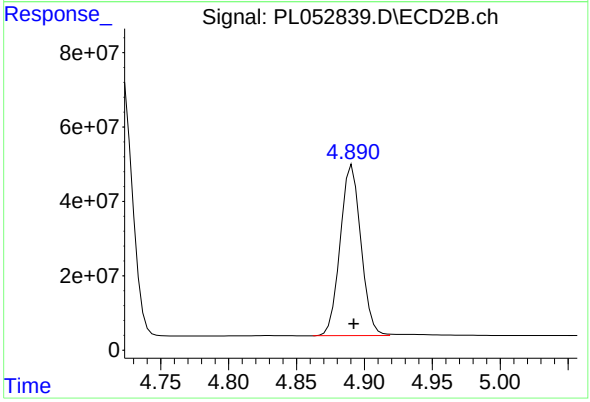
#5 Aldrin

R.T.: 5.538 min
Delta R.T.: 0.000 min
Response: 172497509
Conc: 49.77 ng/ml



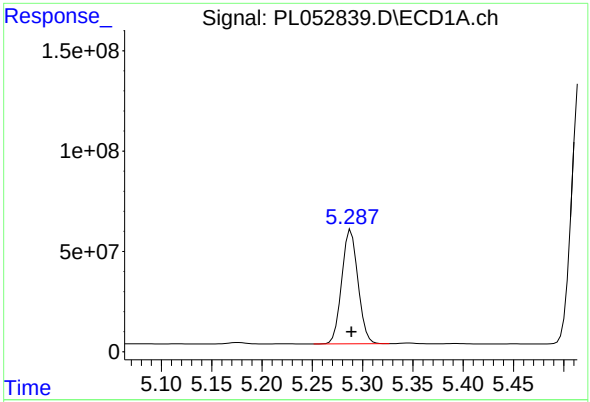
#6 beta-BHC

R.T.: 4.531 min
Delta R.T.: 0.001 min
Response: 1878468726
Conc: 302.56 ng/ml



#6 beta-BHC

R.T.: 4.890 min
Delta R.T.: -0.002 min
Response: 487696884
Conc: 310.28 ng/ml m



#8 Heptachlor epoxide

R.T.: 5.288 min
Delta R.T.: 0.000 min
Response: 637354680
Conc: 48.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL

Manual Integrations APPROVED
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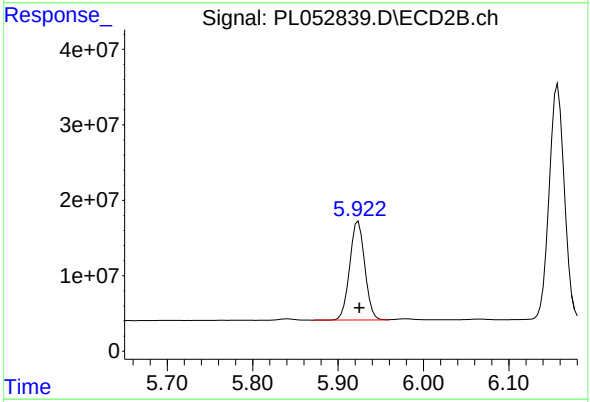
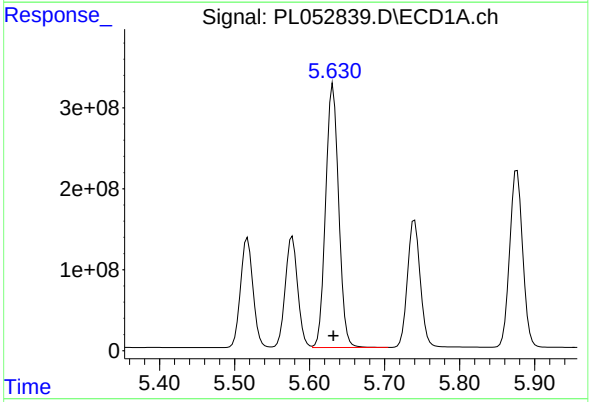


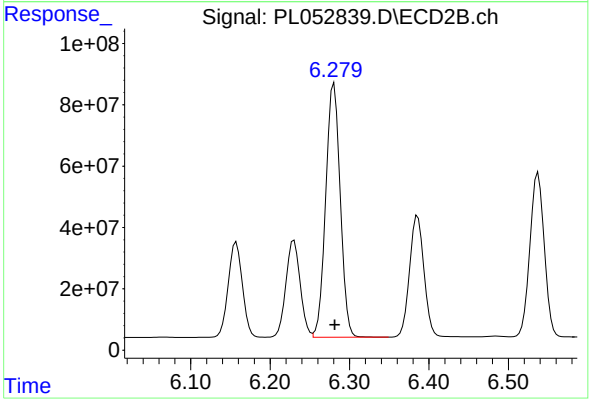
#8 Heptachlor epoxide

R.T.: 5.924 min
Delta R.T.: -0.001 min
Response: 160360876
Conc: 47.85 ng/ml



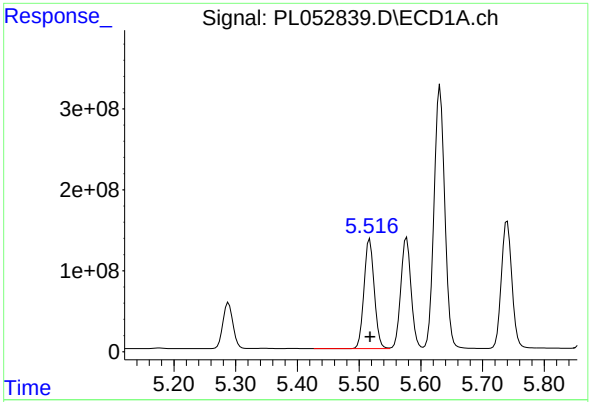
#9 Endosulfan I

R.T.: 5.631 min
Delta R.T.: 0.000 min
Response: 3922894864
Conc: 323.25 ng/ml



#9 Endosulfan I

R.T.: 6.280 min
Delta R.T.: 0.000 min
Response: 1050058099
Conc: 335.94 ng/ml



#10 gamma-Chlordane

R.T.: 5.517 min
Delta R.T.: 0.000 min
Response: 1559766936
Conc: 115.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL

Manual Integrations APPROVED
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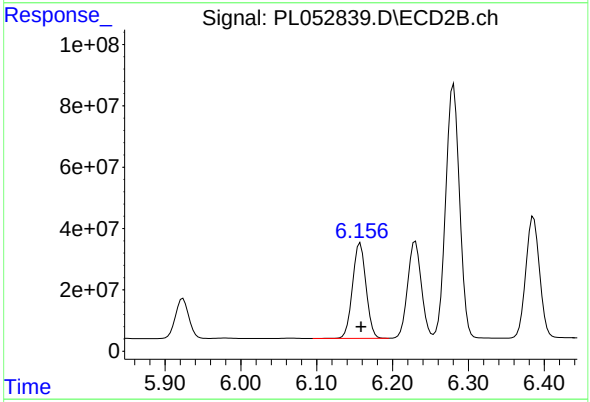
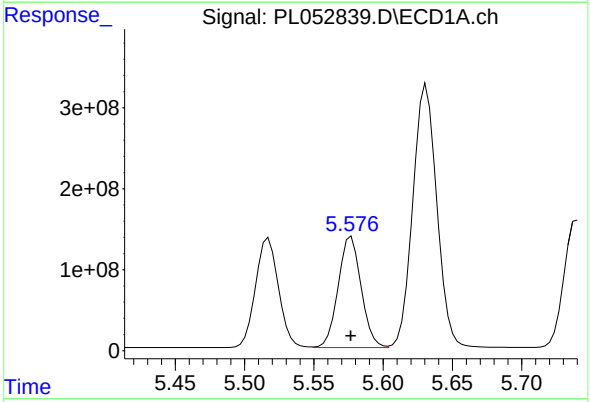


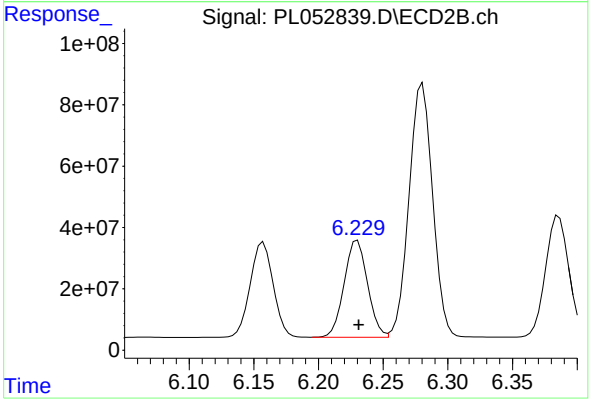
#10 gamma-Chlordane

R.T.: 6.157 min
Delta R.T.: 0.000 min
Response: 384447183
Conc: 113.64 ng/ml



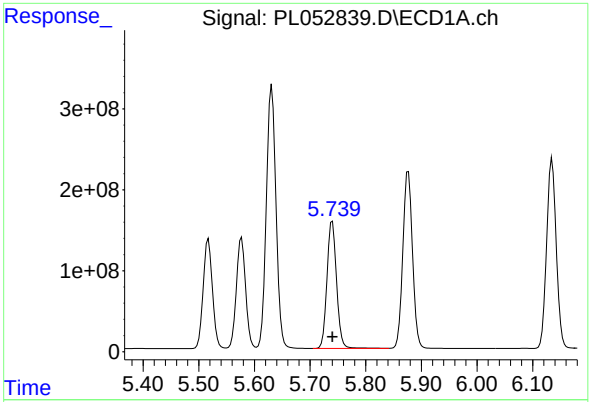
#11 alpha-Chlordane

R.T.: 5.577 min
Delta R.T.: 0.000 min
Response: 1582119141
Conc: 119.95 ng/ml



#11 alpha-Chlordane

R.T.: 6.230 min
Delta R.T.: -0.001 min
Response: 397203113
Conc: 118.01 ng/ml



#12 4,4'-DDE

R.T.: 5.740 min
Delta R.T.: 0.000 min
Response: 1886792072
Conc: 162.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL

Manual Integrations APPROVED
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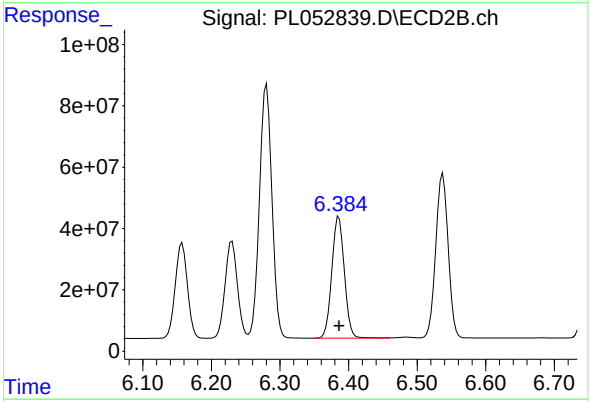
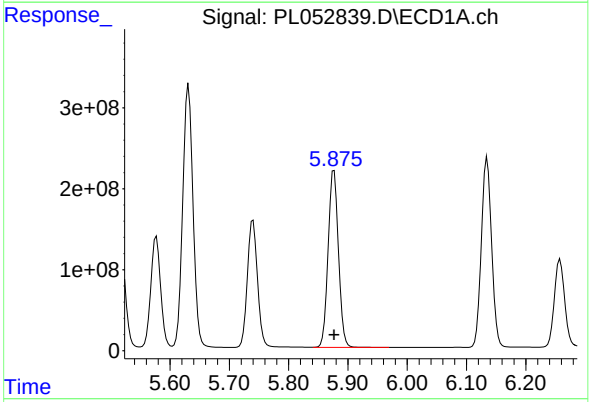


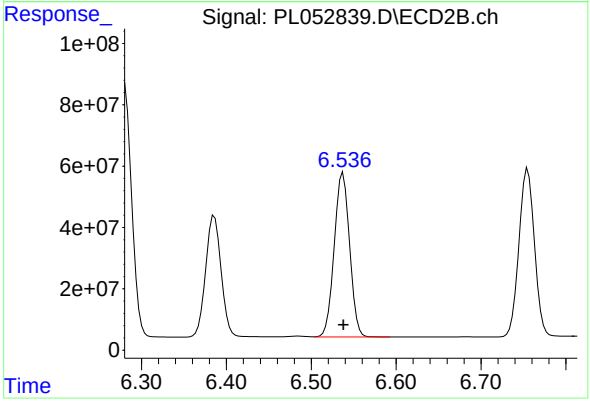
#12 4,4'-DDE

R.T.: 6.386 min
Delta R.T.: 0.000 min
Response: 503822221
Conc: 154.26 ng/ml



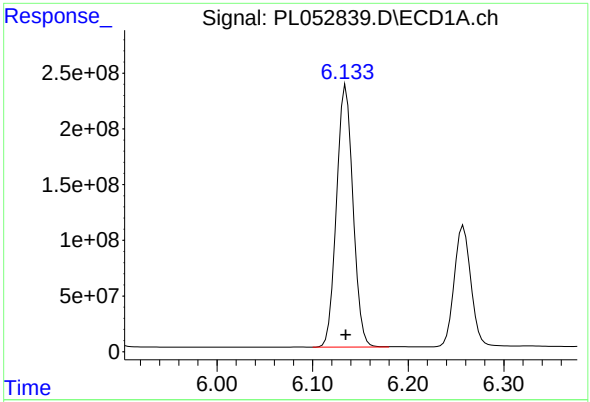
#13 Dieldrin

R.T.: 5.876 min
Delta R.T.: 0.000 min
Response: 2640664632
Conc: 204.57 ng/ml



#13 Dieldrin

R.T.: 6.537 min
Delta R.T.: 0.000 min
Response: 673347783
Conc: 206.42 ng/ml



#14 Endrin

R.T.: 6.135 min
Delta R.T.: 0.000 min
Response: 2820363434
Conc: 247.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL

Manual Integrations APPROVED
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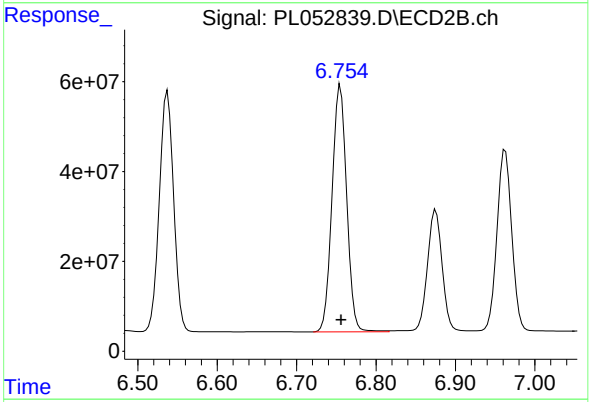
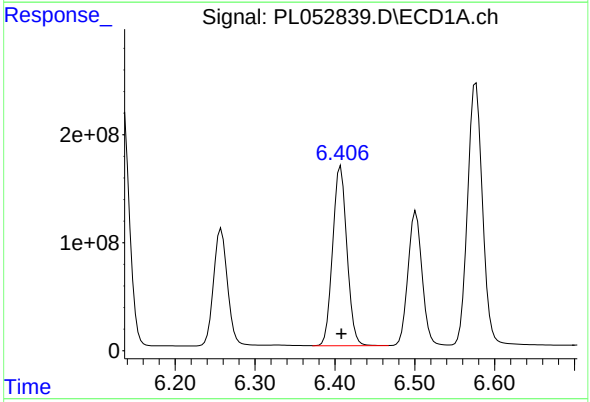


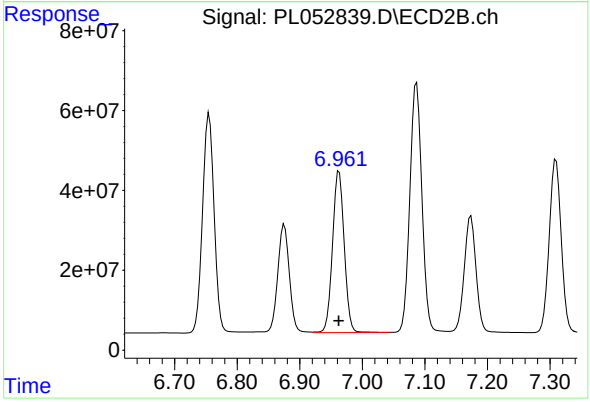
#14 Endrin

R.T.: 6.755 min
Delta R.T.: 0.000 min
Response: 703353140
Conc: 253.29 ng/ml



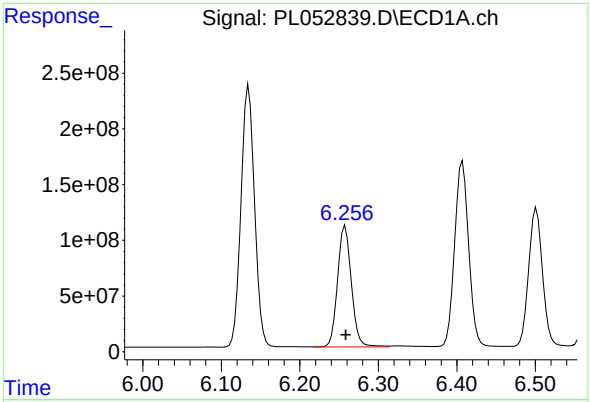
#15 Endosulfan II

R.T.: 6.407 min
Delta R.T.: 0.000 min
Response: 2061738125
Conc: 179.91 ng/ml



#15 Endosulfan II

R.T.: 6.963 min
Delta R.T.: 0.000 min
Response: 527438360
Conc: 177.77 ng/ml



#16 4,4'-DDD

R.T.: 6.258 min
Delta R.T.: 0.000 min
Response: 1326422012
Conc: 147.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL

Manual Integrations APPROVED
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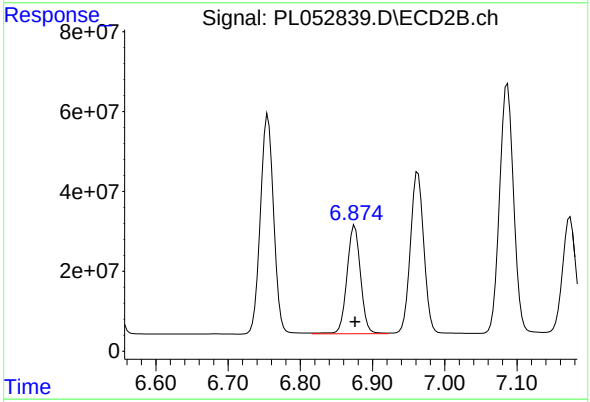
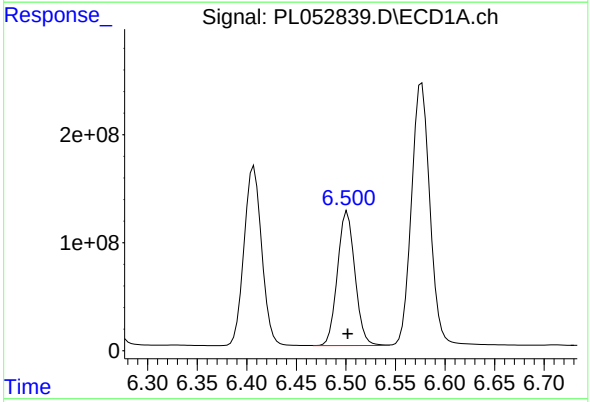
10/2/2019 1:45:39 PM



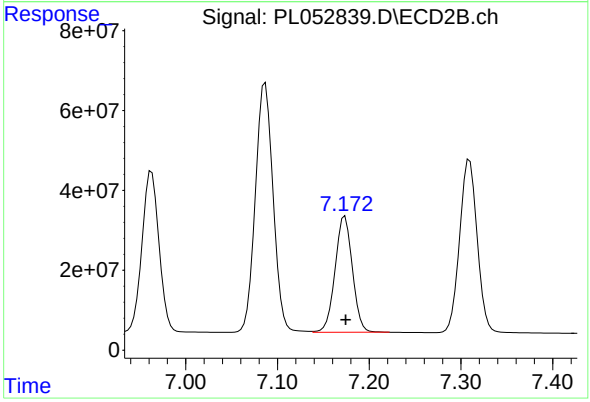
#16 4,4'-DDD

R.T.: 6.875 min
Delta R.T.: 0.000 min
Response: 354211604
Conc: 144.43 ng/ml



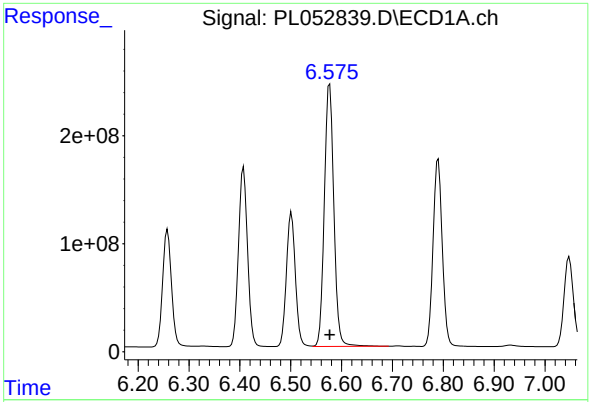
#17 4,4'-DDT

R.T.: 6.501 min
Delta R.T.: 0.000 min
Response: 1523713183
Conc: 149.20 ng/ml



#17 4,4'-DDT

R.T.: 7.174 min
Delta R.T.: 0.000 min
Response: 381419396
Conc: 146.56 ng/ml



#18 Endrin aldehyde

R.T.: 6.577 min
Delta R.T.: 0.000 min
Response: 3166269525
Conc: 337.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL

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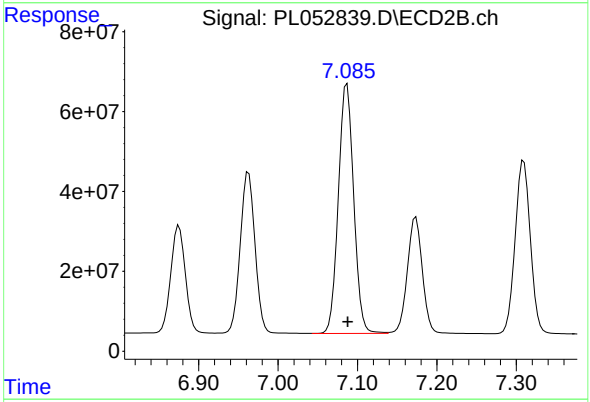
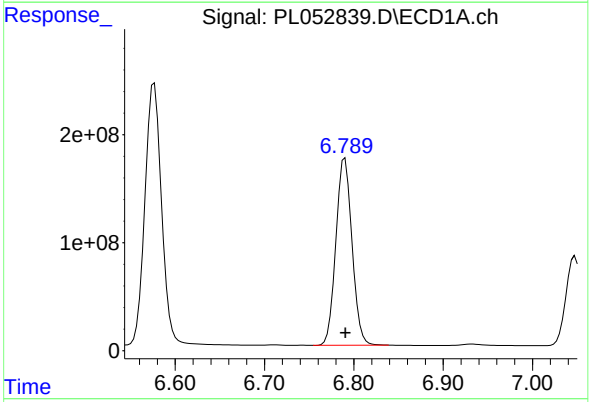


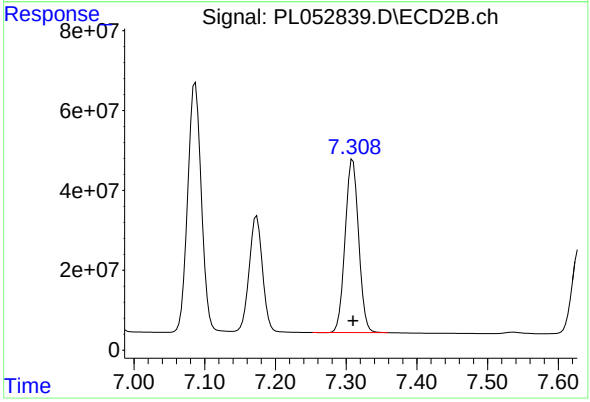
#18 Endrin aldehyde

R.T.: 7.087 min
Delta R.T.: 0.000 min
Response: 842239974
Conc: 343.40 ng/ml



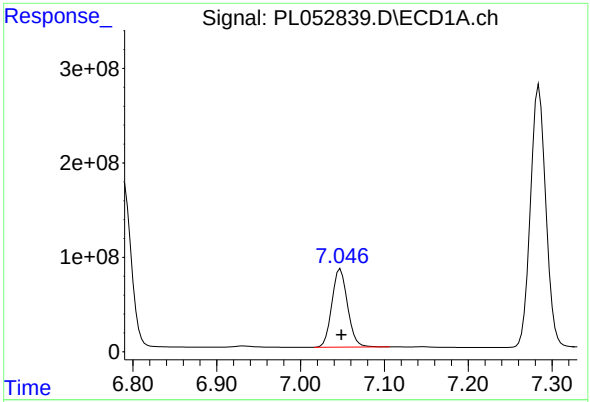
#19 Endosulfan Sulfate

R.T.: 6.790 min
Delta R.T.: 0.000 min
Response: 2173794612
Conc: 208.84 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.309 min
Delta R.T.: 0.000 min
Response: 576670390
Conc: 211.20 ng/ml



#20 Methoxychlor

R.T.: 7.048 min
Delta R.T.: -0.001 min
Response: 1079089784
Conc: 209.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL

Manual Integrations APPROVED
Ankita
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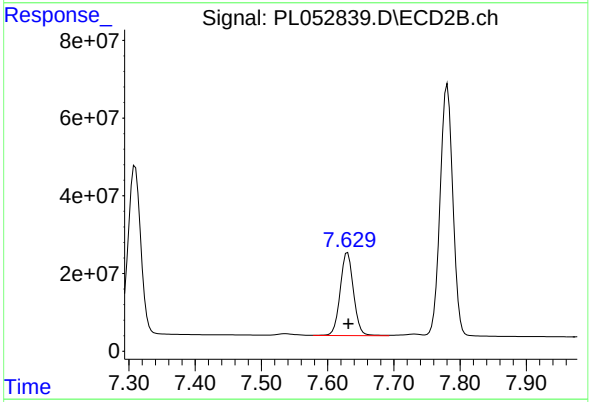
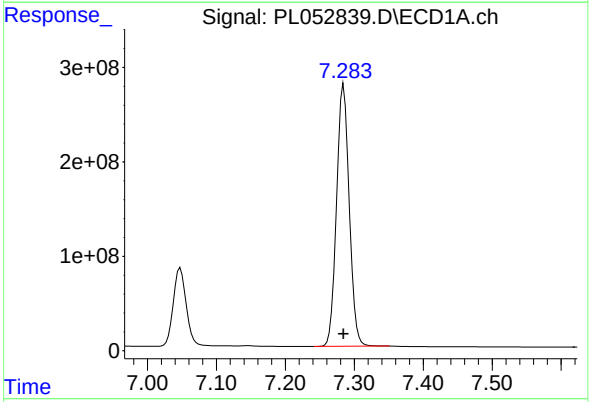


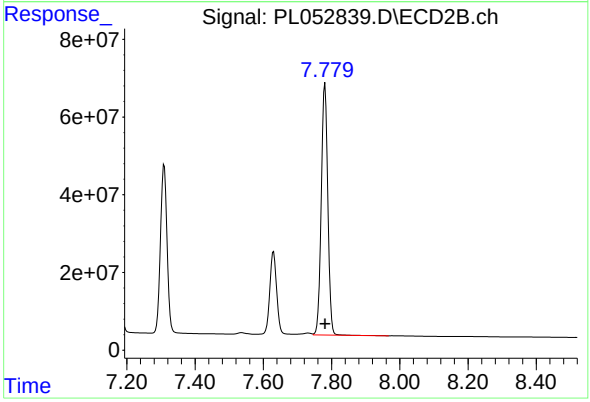
#20 Methoxychlor

R.T.: 7.630 min
Delta R.T.: -0.001 min
Response: 299244696
Conc: 212.54 ng/ml



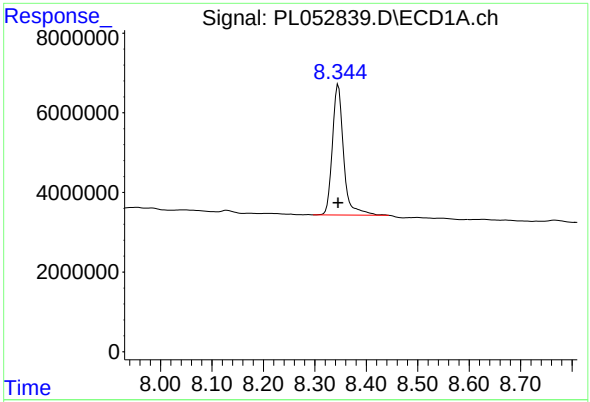
#21 Endrin ketone

R.T.: 7.285 min
Delta R.T.: 0.000 min
Response: 3545040454
Conc: 304.17 ng/ml



#21 Endrin ketone

R.T.: 7.781 min
Delta R.T.: 0.000 min
Response: 867519381
Conc: 304.08 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.345 min
Delta R.T.: 0.000 min
Response: 49578679
Conc: 4.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PT-PEST-WPDL

Manual Integrations APPROVED
Ankita
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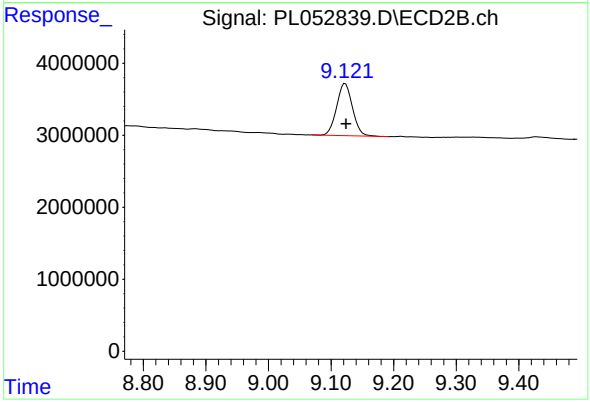

#28 Decachlorobiphenyl

R.T.: 9.123 min
Delta R.T.: -0.002 min
Response: 12720633
Conc: 4.34 ng/ml