Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052521\
Data File : PL066866.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 May 2021 12:55
Operator : AR\AJ
Sample : M2262-07
Misc : PEST LOD 1 PPB
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

Manual Integrations APPROVED
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 25 17:06:35 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052421.M
Quant Title : GC Extractables
QLast Update : Tue May 25 06:06:45 2021
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...	4.482	5.534	8127189	12118088	14.166	14.109
28)	SA Decachlor...	10.228	11.437	11497749	13782371	15.462	15.994
	Target Compounds						
2)	A alpha-BHC	5.181	6.113	599865	768954	0.659m	0.683
3)	MA gamma-BHC...	5.600	6.509	634563	827996	0.805m	0.780
4)	MA Heptachlor	6.012	7.157	637891	736008	0.863m	0.784
5)	MB Aldrin	6.335	7.527	685753	710710	0.848m	0.727
6)	B beta-BHC	5.984	6.764	447968	855118	1.143m	1.627m#
7)	B delta-BHC	6.240	7.028	616751	580466	0.753m	0.535m#
8)	B Heptachlo...	6.908	7.993	700075	821036	0.926m	0.909
9)	A Endosulfan I	7.308	8.399	722025	716526	0.980m	0.866
10)	B gamma-Chl...	7.187	8.263	727942	1005654	0.911m	1.077
11)	B alpha-Chl...	7.256	8.344	750770	792605	0.934m	0.863
12)	B 4,4'-DDE	7.473	8.533	609931	636865	0.815m	0.769
13)	MA Dieldrin	7.592	8.688	668081	695736	0.869m	0.837
14)	MA Endrin	7.879	8.927	602011	575476	0.880m	0.854
15)	B Endosulfa...	8.190	9.160	768986	681671	1.105m	0.900m
16)	A 4,4'-DDD	8.055	9.072	620475	822720	0.958m	1.196
17)	MA 4,4'-DDT	8.315	9.390	364000	434878	0.646m	0.732
18)	B Endrin al...	8.377	9.296	533879	608763	0.898m	0.949
19)	B Endosulfa...	8.608	9.534	667234	707563	0.945m	0.927
20)	A Methoxychlor	8.909	9.874	225468	235221	0.670m	0.690m
21)	B Endrin ke...	9.119	10.031	759897	809929	0.908m	0.945
22)	Mirex	9.307	10.497	728098	785052	1.042m	1.088

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052521\
Data File : PL066866.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 May 2021 12:55
Operator : AR\AJ
Sample : M2262-07
Misc : PEST LOD 1 PPB
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

Manual Integrations APPROVED
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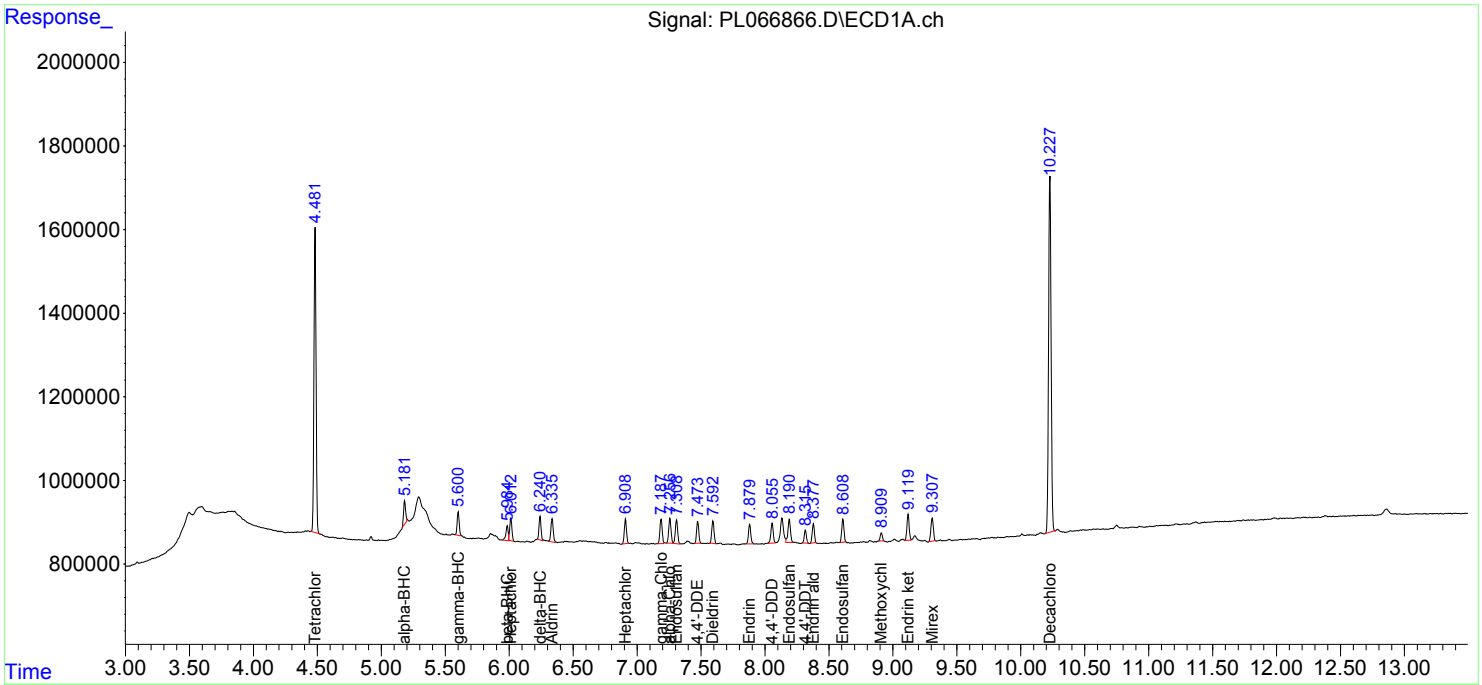
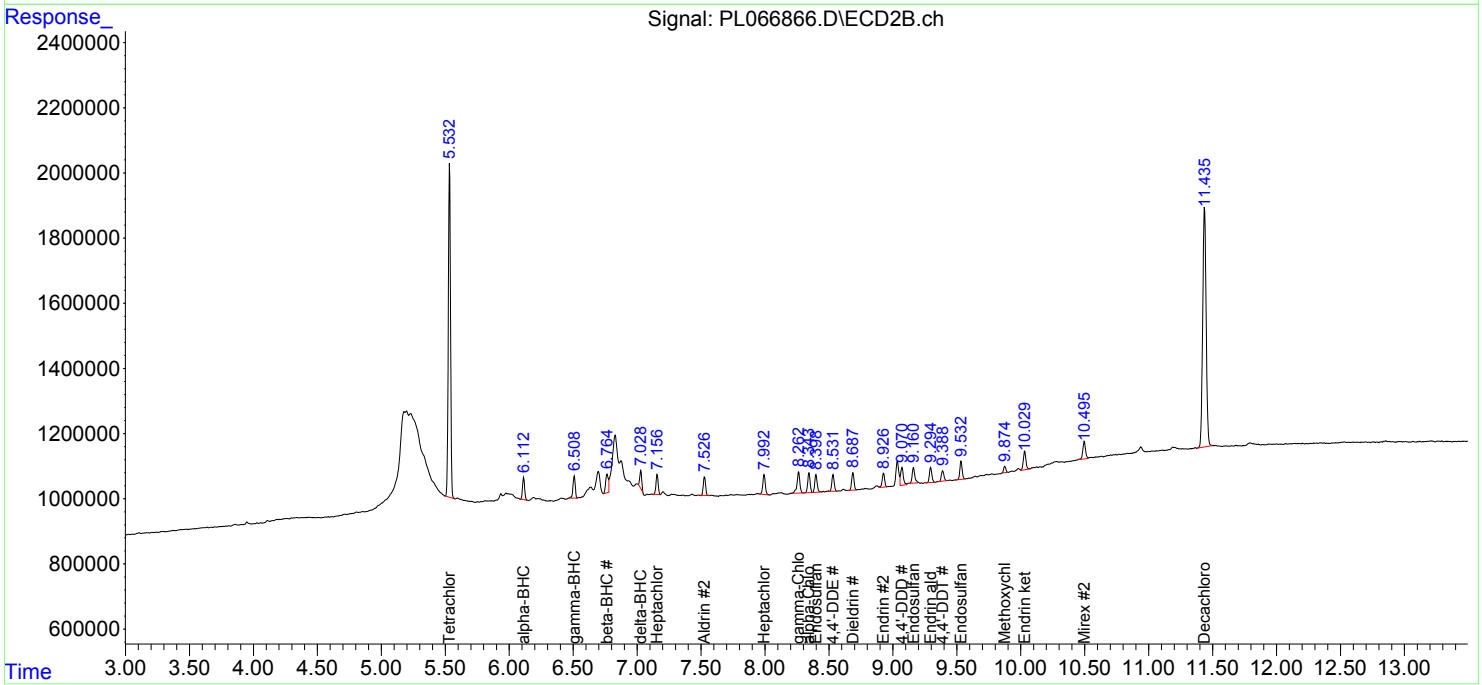
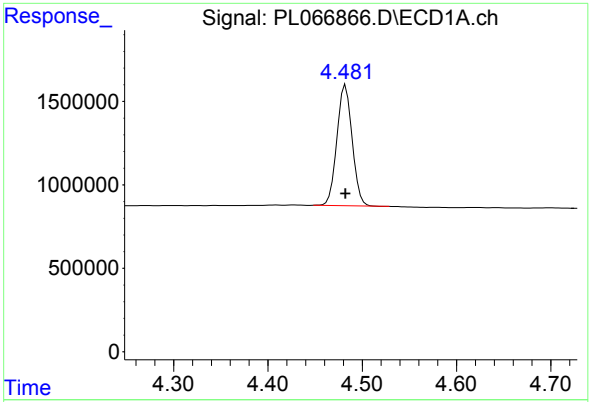
Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 25 17:06:35 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL052421.M
Quant Title : GC Extractables
QLast Update : Tue May 25 06:06:45 2021
Response via : Initial Calibration
Integrator: ChemStation

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.: 4.482 min
Delta R.T.: 0.000 min
Response: 8127189
Conc: 14.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

Manual Integrations APPROVED
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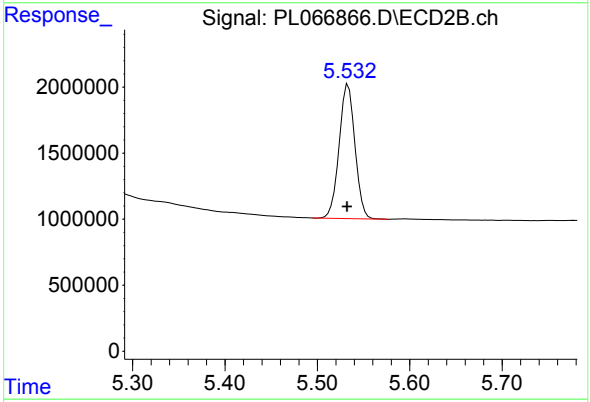
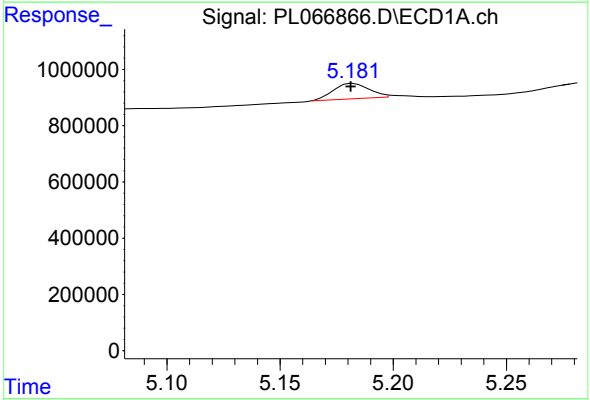


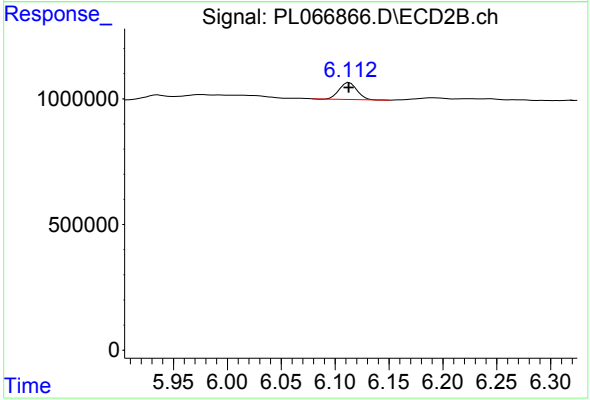
#1 Tetrachloro-m-xylene

R.T.: 5.534 min
Delta R.T.: 0.001 min
Response: 12118088
Conc: 14.11 ng/ml



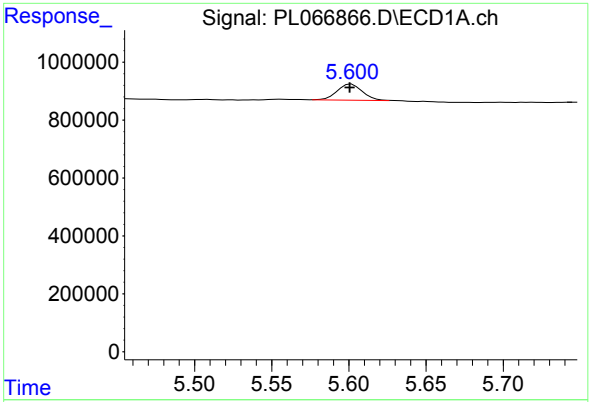
#2 alpha-BHC

R.T.: 5.181 min
Delta R.T.: 0.000 min
Response: 599865
Conc: 0.66 ng/ml m



#2 alpha-BHC

R.T.: 6.113 min
Delta R.T.: 0.000 min
Response: 768954
Conc: 0.68 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 5.600 min
Delta R.T.: 0.000 min
Response: 634563
Conc: 0.81 ng/ml m

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

Manual Integrations APPROVED
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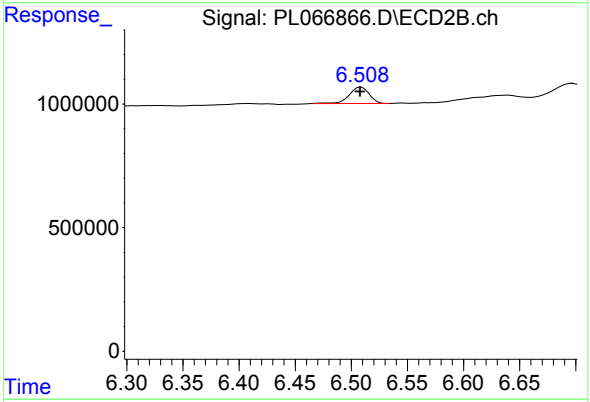
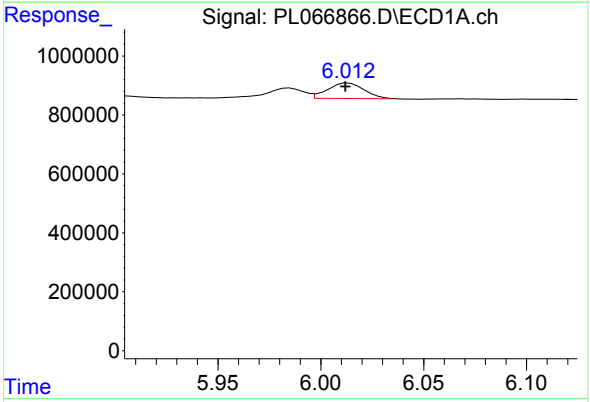


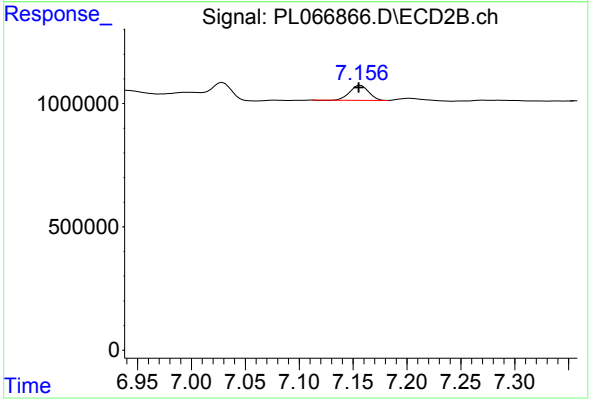
#3 gamma-BHC (Lindane)

R.T.: 6.509 min
Delta R.T.: 0.001 min
Response: 827996
Conc: 0.78 ng/ml



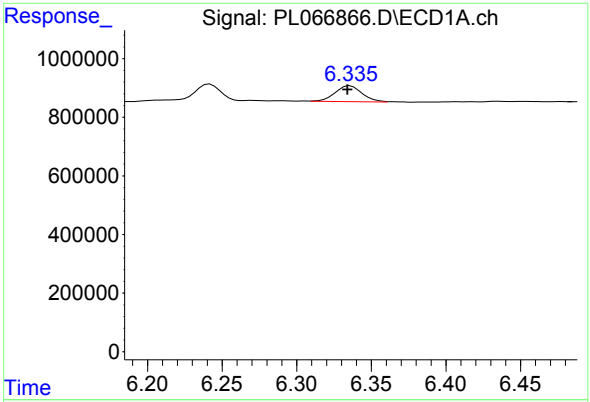
#4 Heptachlor

R.T.: 6.012 min
Delta R.T.: 0.000 min
Response: 637891
Conc: 0.86 ng/ml m



#4 Heptachlor

R.T.: 7.157 min
Delta R.T.: 0.002 min
Response: 736008
Conc: 0.78 ng/ml



#5 Aldrin

R.T.: 6.335 min
Delta R.T.: 0.000 min
Response: 685753
Conc: 0.85 ng/ml m

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

Manual Integrations APPROVED
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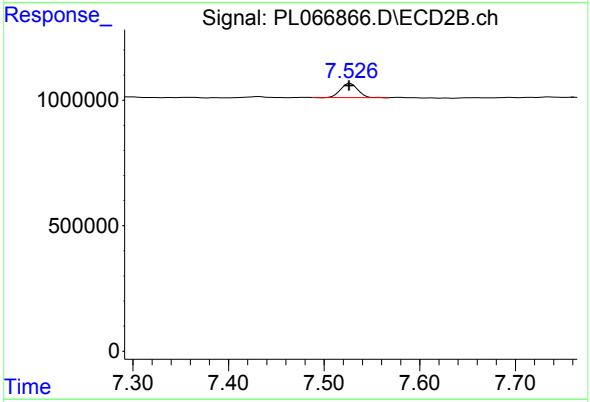
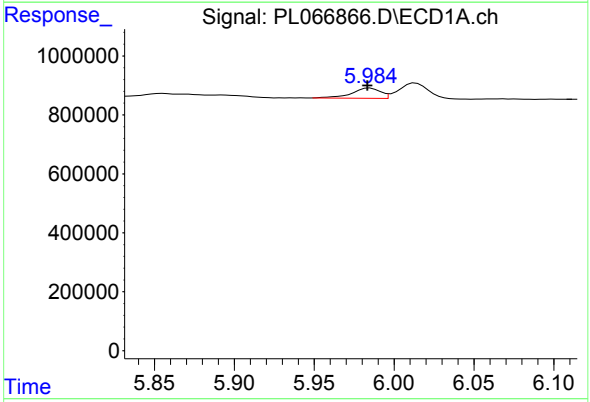


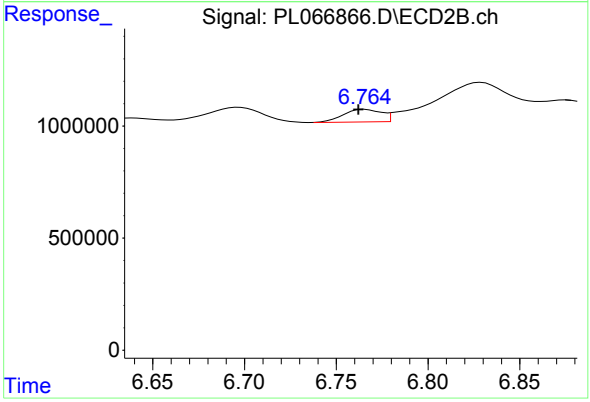
#5 Aldrin

R.T.: 7.527 min
Delta R.T.: 0.001 min
Response: 710710
Conc: 0.73 ng/ml



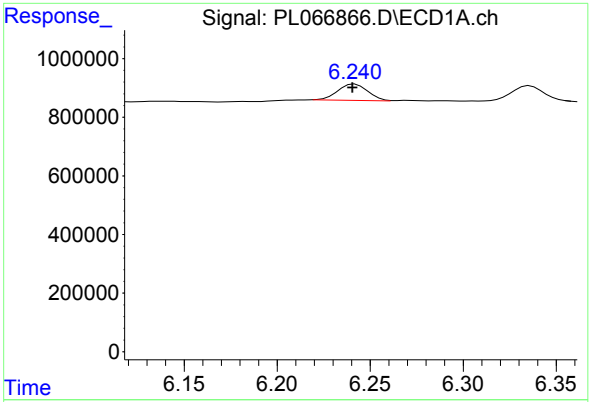
#6 beta-BHC

R.T.: 5.984 min
Delta R.T.: 0.000 min
Response: 447968
Conc: 1.14 ng/ml m



#6 beta-BHC

R.T.: 6.764 min
Delta R.T.: 0.002 min
Response: 855118
Conc: 1.63 ng/ml m



#7 delta-BHC

R.T.: 6.240 min
Delta R.T.: 0.000 min
Response: 616751
Conc: 0.75 ng/ml m

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

Manual Integrations APPROVED
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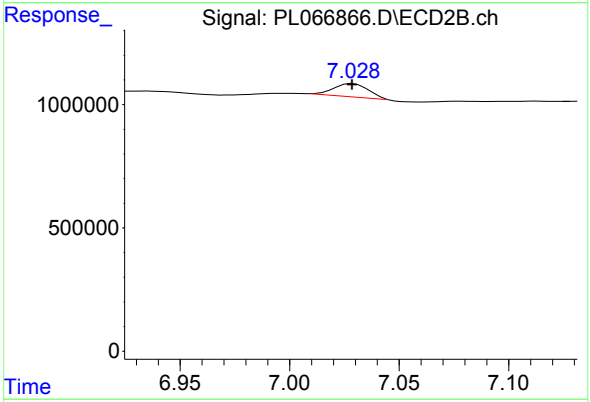
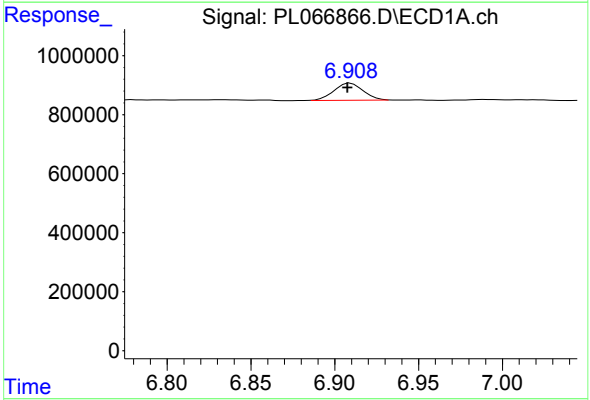


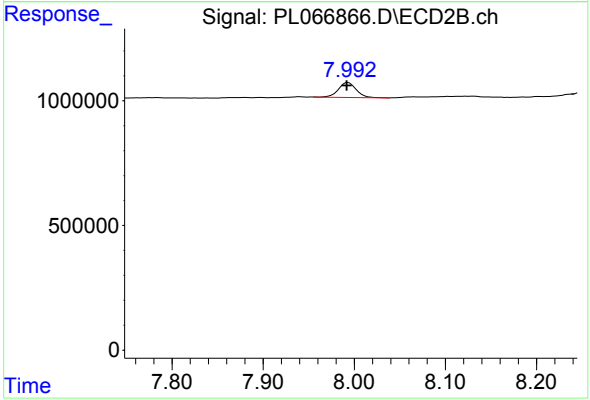
#7 delta-BHC

R.T.: 7.028 min
Delta R.T.: 0.000 min
Response: 580466
Conc: 0.54 ng/ml m



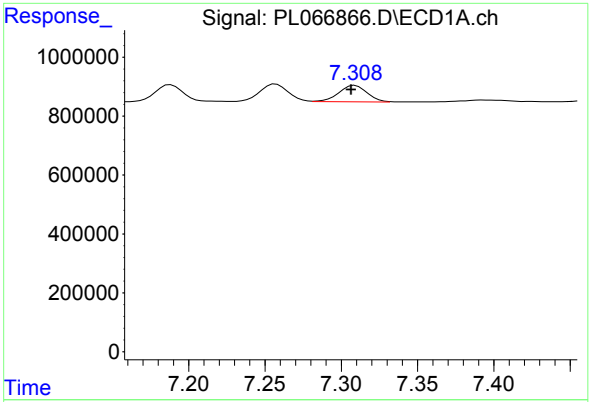
#8 Heptachlor epoxide

R.T.: 6.908 min
Delta R.T.: 0.000 min
Response: 700075
Conc: 0.93 ng/ml m



#8 Heptachlor epoxide

R.T.: 7.993 min
Delta R.T.: 0.002 min
Response: 821036
Conc: 0.91 ng/ml



#9 Endosulfan I

R.T.: 7.308 min
Delta R.T.: 0.001 min
Response: 722025
Conc: 0.98 ng/ml m

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

Manual Integrations APPROVED
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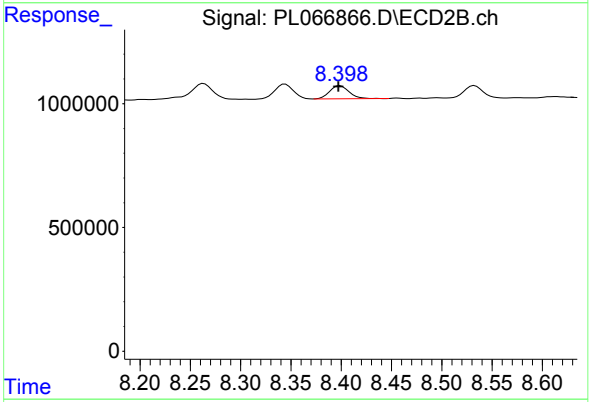
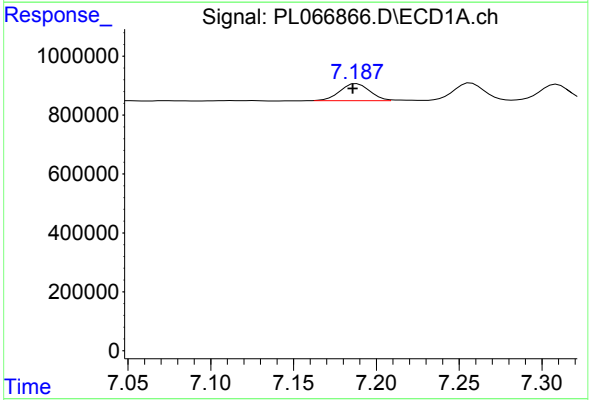


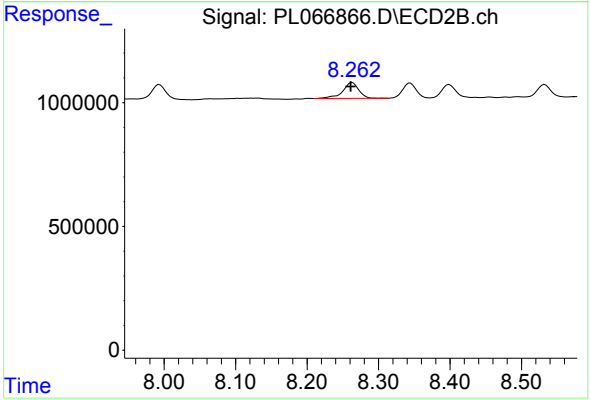
#9 Endosulfan I

R.T.: 8.399 min
Delta R.T.: 0.002 min
Response: 716526
Conc: 0.87 ng/ml



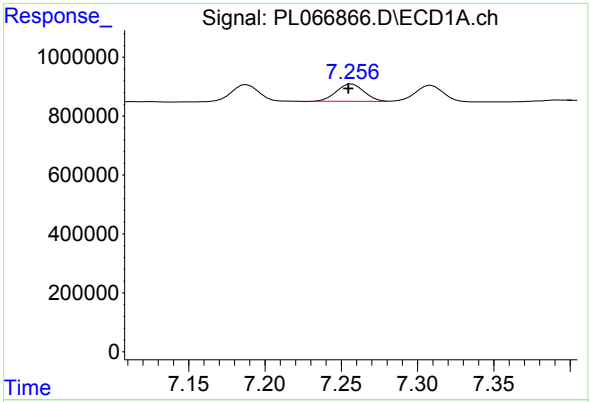
#10 gamma-Chlordane

R.T.: 7.187 min
Delta R.T.: 0.001 min
Response: 727942
Conc: 0.91 ng/ml m



#10 gamma-Chlordane

R.T.: 8.263 min
Delta R.T.: 0.002 min
Response: 1005654
Conc: 1.08 ng/ml



#11 alpha-Chlordane

R.T.: 7.256 min
Delta R.T.: 0.001 min
Response: 750770
Conc: 0.93 ng/ml m

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

Manual Integrations APPROVED
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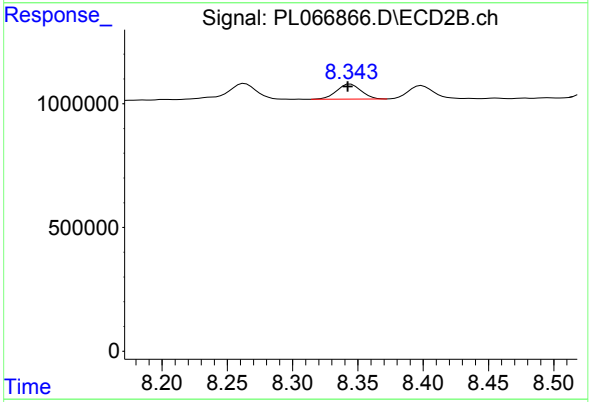
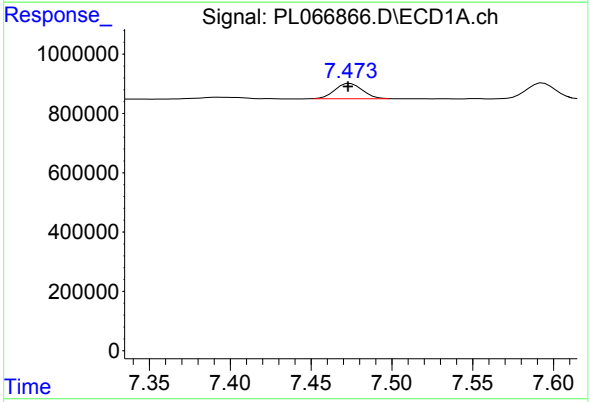
5/26/2021 4:07:45 PM



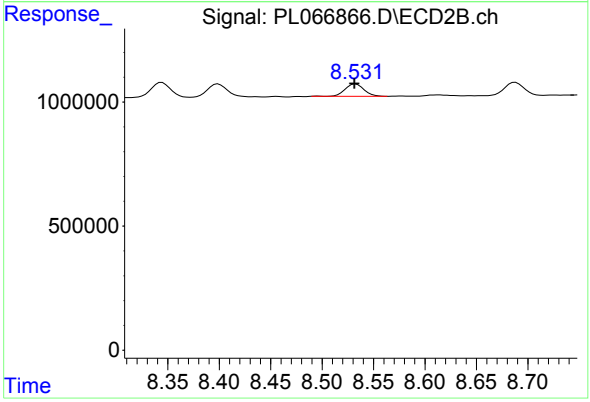
#11 alpha-Chlordane

R.T.: 8.344 min
Delta R.T.: 0.002 min
Response: 792605
Conc: 0.86 ng/ml



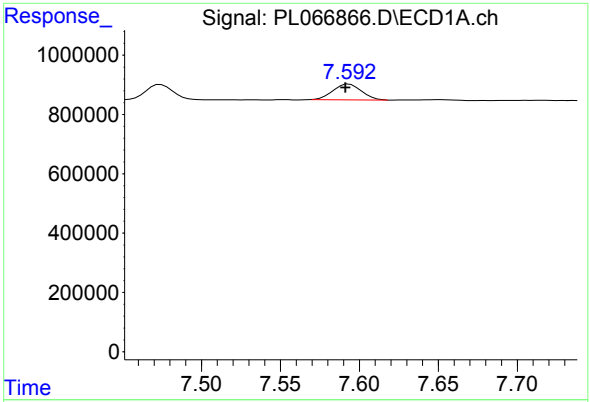
#12 4,4'-DDE

R.T.: 7.473 min
Delta R.T.: 0.000 min
Response: 609931
Conc: 0.81 ng/ml m



#12 4,4'-DDE

R.T.: 8.533 min
Delta R.T.: 0.001 min
Response: 636865
Conc: 0.77 ng/ml



#13 Dieldrin

R.T.: 7.592 min
Delta R.T.: 0.000 min
Response: 668081
Conc: 0.87 ng/ml m

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

Manual Integrations APPROVED
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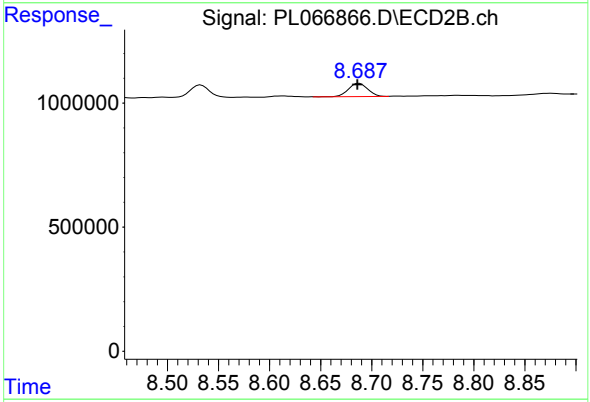
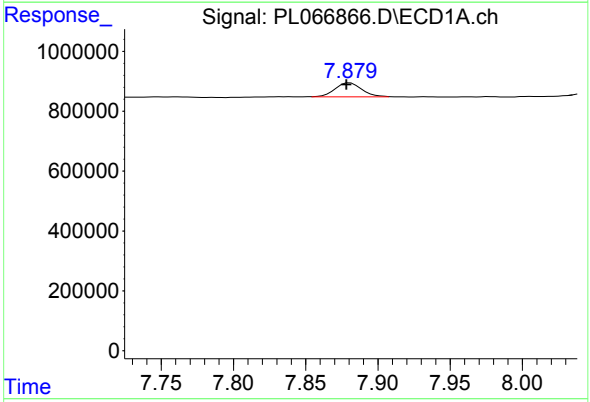
5/26/2021 4:07:45 PM



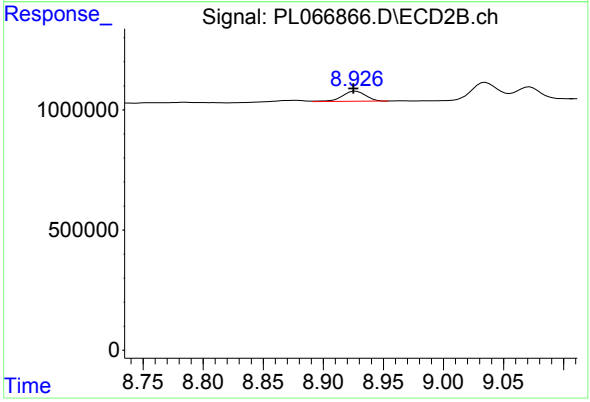
#13 Dieldrin

R.T.: 8.688 min
Delta R.T.: 0.002 min
Response: 695736
Conc: 0.84 ng/ml



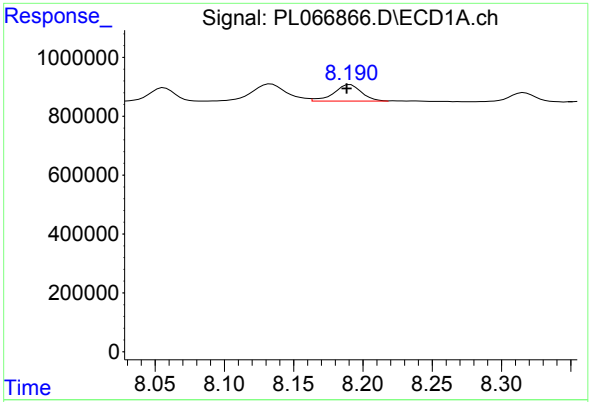
#14 Endrin

R.T.: 7.879 min
Delta R.T.: 0.000 min
Response: 602011
Conc: 0.88 ng/ml m



#14 Endrin

R.T.: 8.927 min
Delta R.T.: 0.002 min
Response: 575476
Conc: 0.85 ng/ml



#15 Endosulfan II

R.T.: 8.190 min
Delta R.T.: 0.001 min
Response: 768986
Conc: 1.11 ng/ml m

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

Manual Integrations APPROVED
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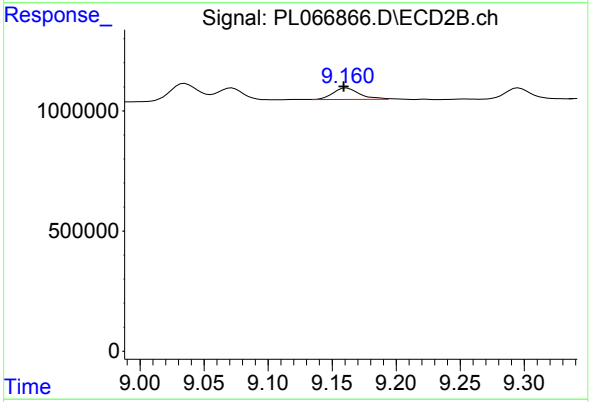
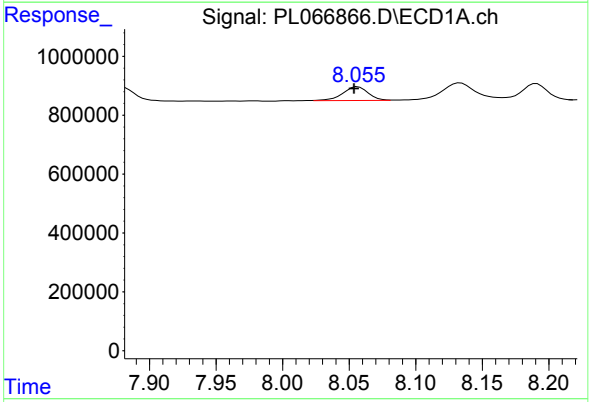
5/26/2021 4:07:45 PM



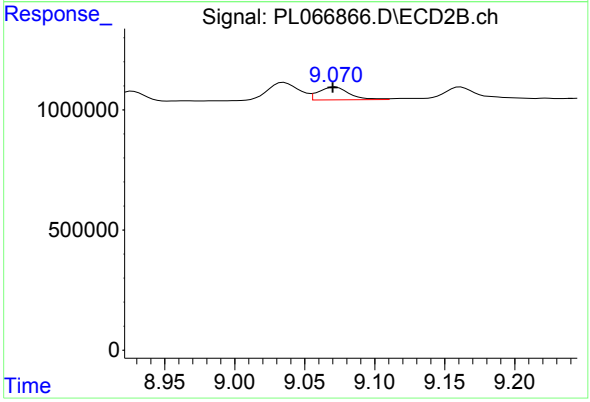
#15 Endosulfan II

R.T.: 9.160 min
Delta R.T.: 0.000 min
Response: 681671
Conc: 0.90 ng/ml m



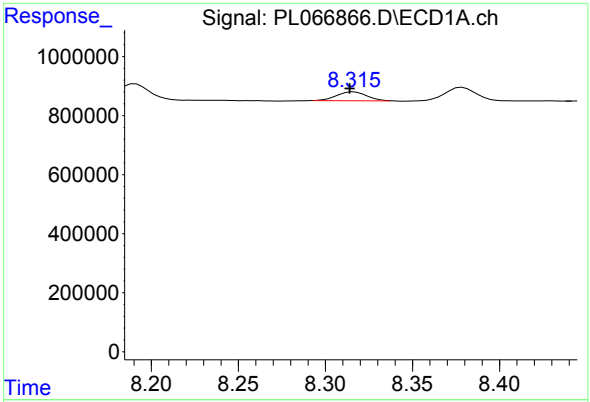
#16 4,4'-DDD

R.T.: 8.055 min
Delta R.T.: 0.001 min
Response: 620475
Conc: 0.96 ng/ml m



#16 4,4'-DDD

R.T.: 9.072 min
Delta R.T.: 0.002 min
Response: 822720
Conc: 1.20 ng/ml



#17 4,4'-DDT

R.T.: 8.315 min
Delta R.T.: 0.001 min
Response: 364000
Conc: 0.65 ng/ml m

Instrument :
ECD_L
ClientSampleId :
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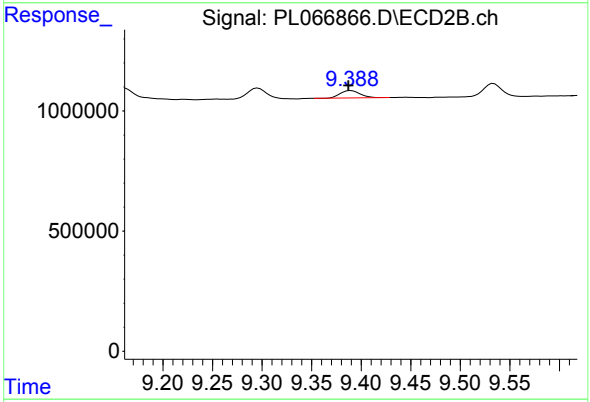
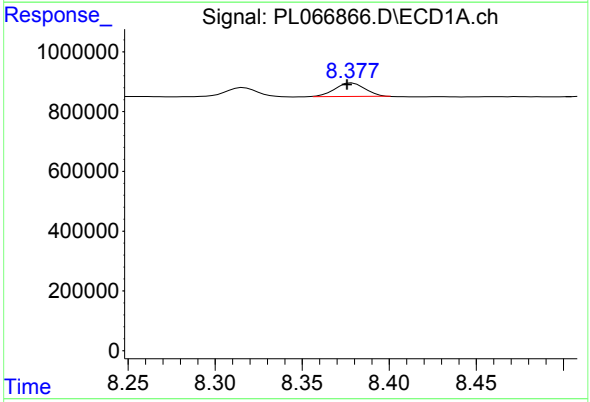


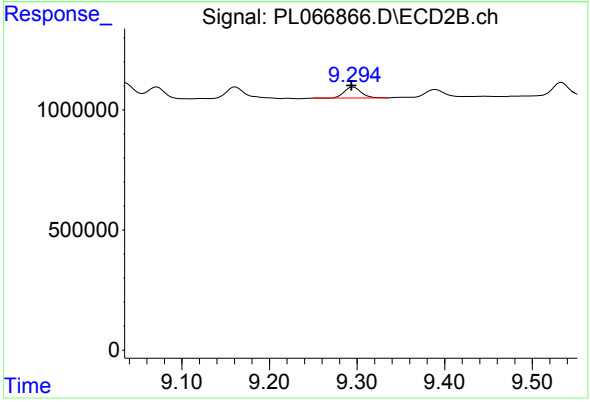
#17 4,4'-DDT

R.T.: 9.390 min
Delta R.T.: 0.002 min
Response: 434878
Conc: 0.73 ng/ml



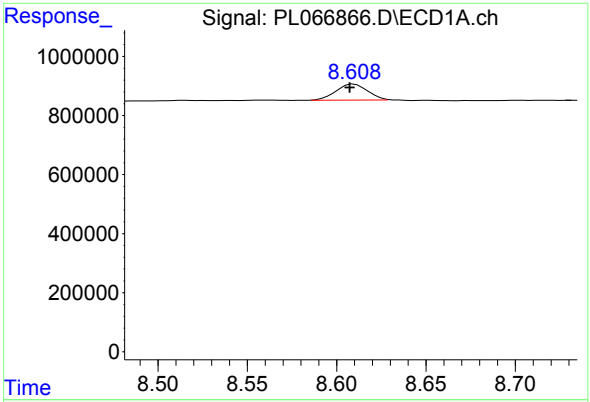
#18 Endrin aldehyde

R.T.: 8.377 min
Delta R.T.: 0.002 min
Response: 533879
Conc: 0.90 ng/ml m



#18 Endrin aldehyde

R.T.: 9.296 min
Delta R.T.: 0.002 min
Response: 608763
Conc: 0.95 ng/ml



#19 Endosulfan Sulfate

R.T.: 8.608 min
Delta R.T.: 0.001 min
Response: 667234
Conc: 0.94 ng/ml m

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

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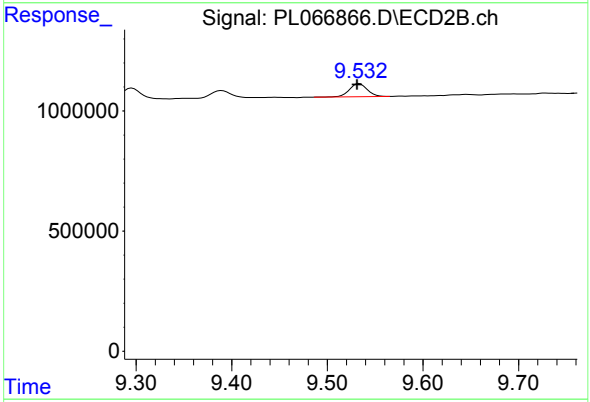
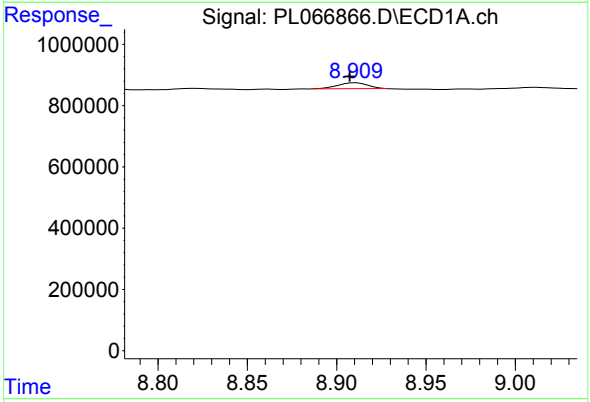


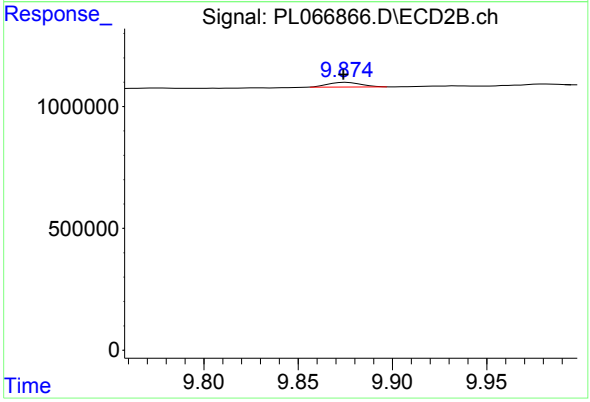
#19 Endosulfan Sulfate

R.T.: 9.534 min
Delta R.T.: 0.002 min
Response: 707563
Conc: 0.93 ng/ml



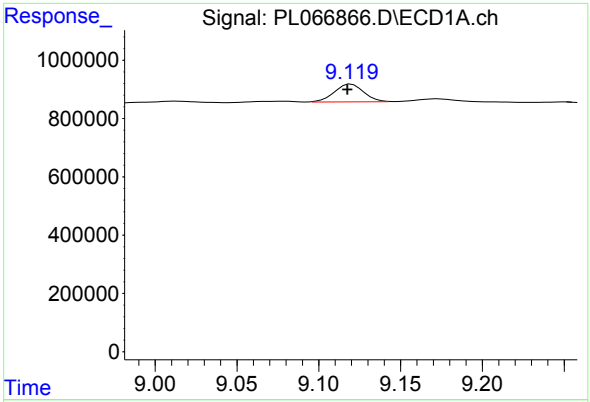
#20 Methoxychlor

R.T.: 8.909 min
Delta R.T.: 0.002 min
Response: 225468
Conc: 0.67 ng/ml m



#20 Methoxychlor

R.T.: 9.874 min
Delta R.T.: 0.000 min
Response: 235221
Conc: 0.69 ng/ml m



#21 Endrin ketone

R.T.: 9.119 min
Delta R.T.: 0.001 min
Response: 759897
Conc: 0.91 ng/ml m

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

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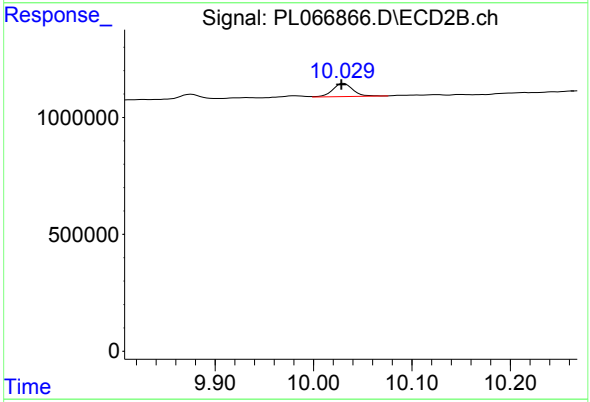
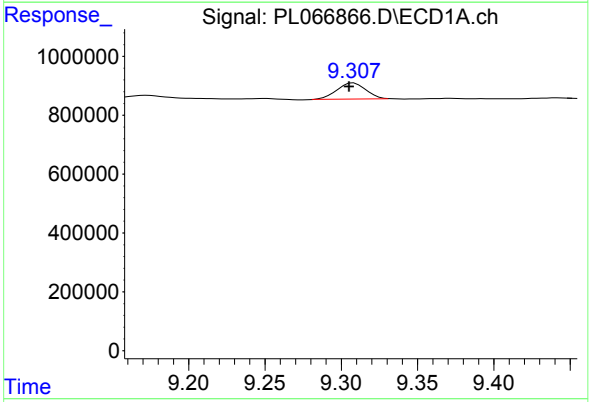


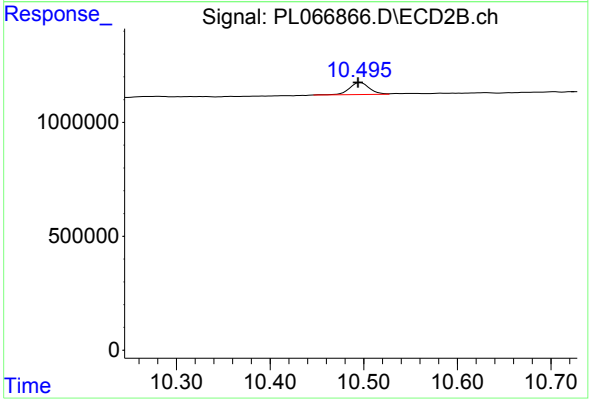
#21 Endrin ketone

R.T.: 10.031 min
Delta R.T.: 0.003 min
Response: 809929
Conc: 0.94 ng/ml



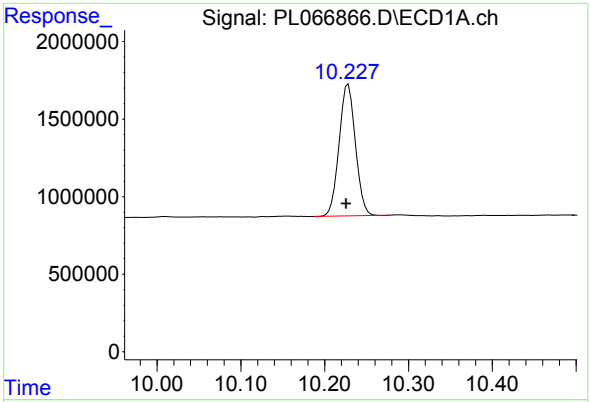
#22 Mirex

R.T.: 9.307 min
Delta R.T.: 0.002 min
Response: 728098
Conc: 1.04 ng/ml m



#22 Mirex

R.T.: 10.497 min
Delta R.T.: 0.003 min
Response: 785052
Conc: 1.09 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.228 min
Delta R.T.: 0.003 min
Response: 11497749
Conc: 15.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
LOD-MDL-WATER-SOIL-01-QT2-202

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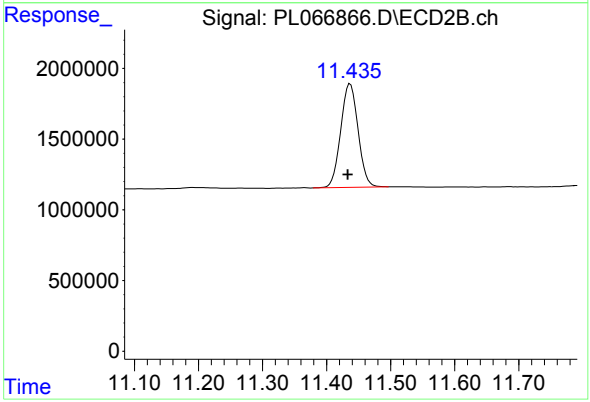

#28 Decachlorobiphenyl

R.T.: 11.437 min
Delta R.T.: 0.004 min
Response: 13782371
Conc: 15.99 ng/ml