Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ092823\
Data File : PQ063457.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Sep 2023 16:13
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/29/2023
Supervised By :Ankita Jodhani 09/29/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 28 16:42:51 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091923.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 20 05:26:41 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1)	SA Tetrachlo...	3.462	2.781	247.3E6	176.8E6	52.803	51.165
2)	SA Decachlor...	8.695	7.581	179.2E6	176.9E6	51.286	49.216
	Target Compounds						
3)	L1 AR-1016-1	4.577	3.792	74144400	61395250	509.949	492.887
4)	L1 AR-1016-2	4.596	3.807	120.6E6	89755342	516.020	504.927
5)	L1 AR-1016-3	4.655	3.968	74905385	48765273	521.275	505.382
6)	L1 AR-1016-4	4.747	4.018	58898018	41355585	516.344	510.169
7)	L1 AR-1016-5	5.037	4.214	64583846	53558848	549.611	532.053
31)	L7 AR-1260-1	6.148	5.214	127.1E6	102.8E6	528.538m	509.231
32)	L7 AR-1260-2	6.408	5.404	140.6E6	122.9E6	496.347m	502.150
33)	L7 AR-1260-3	6.765	5.546	105.8E6	113.9E6	520.377	481.585
34)	L7 AR-1260-4	6.983	6.011	116.2E6	94124921	487.604	492.999
35)	L7 AR-1260-5	7.296	6.258	221.9E6	206.3E6	495.666	470.998

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ092823\
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Acq On : 28 Sep 2023 16:13
Operator : YP\AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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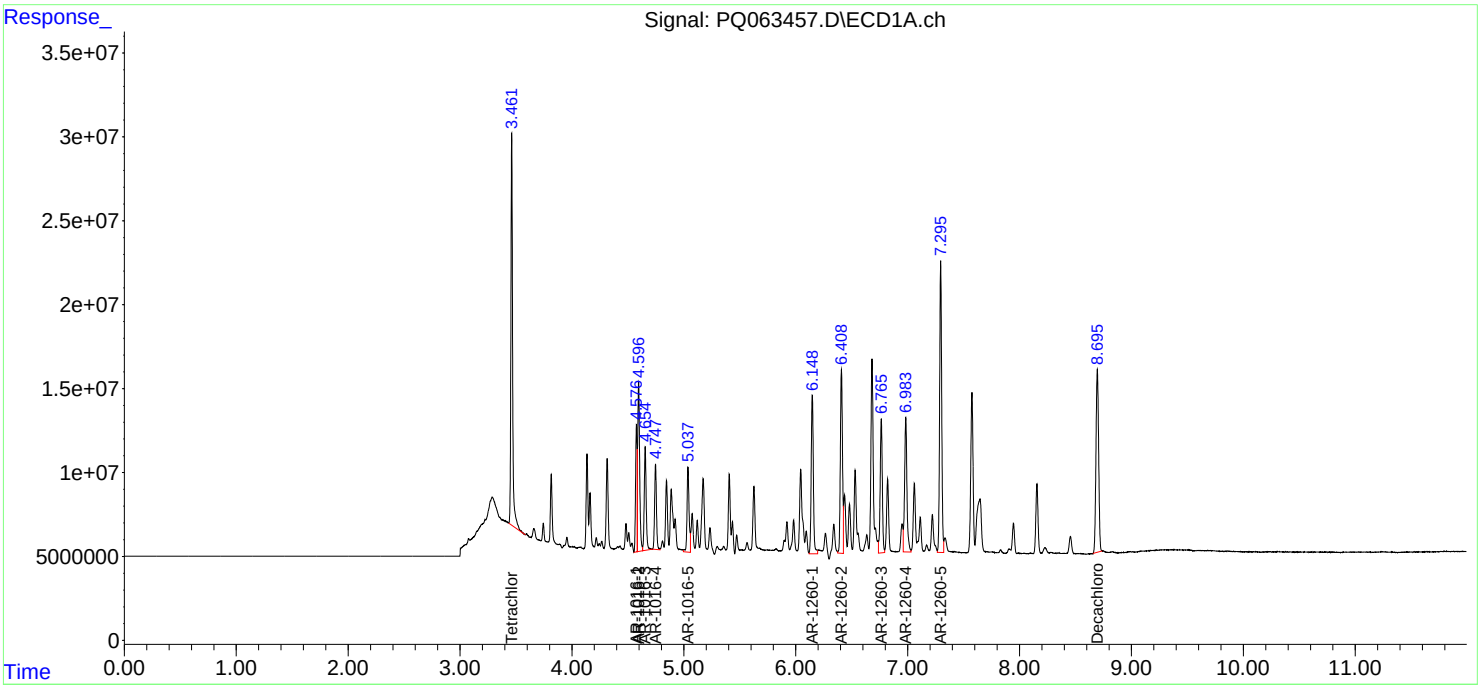

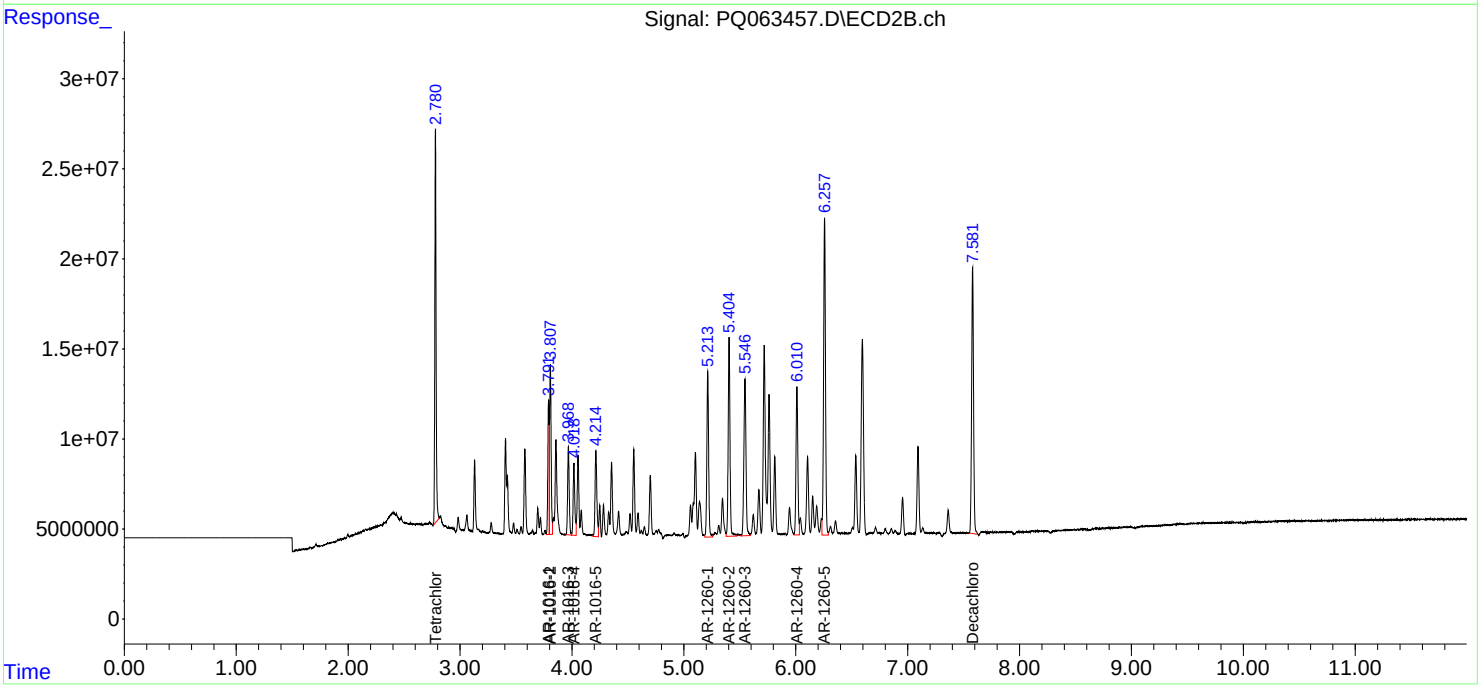

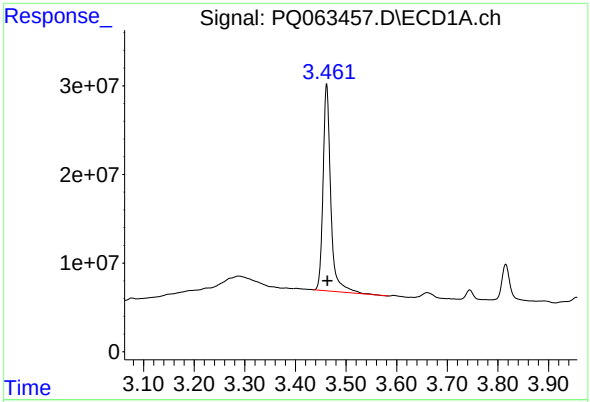

#1 Tetrachloro-m-xylene

R.T.: 3.462 min
Delta R.T.: -0.001 min
Response: 247306780
Conc: 52.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

Manual Integrations
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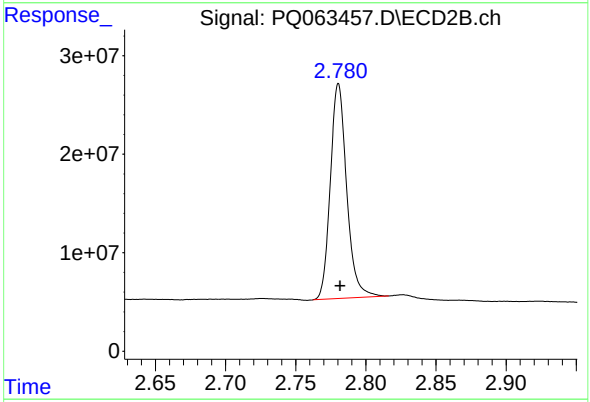
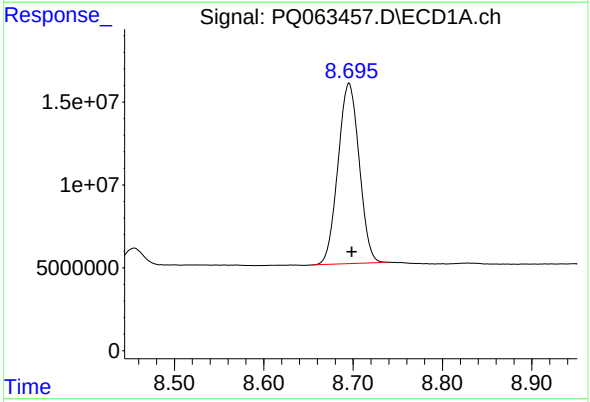


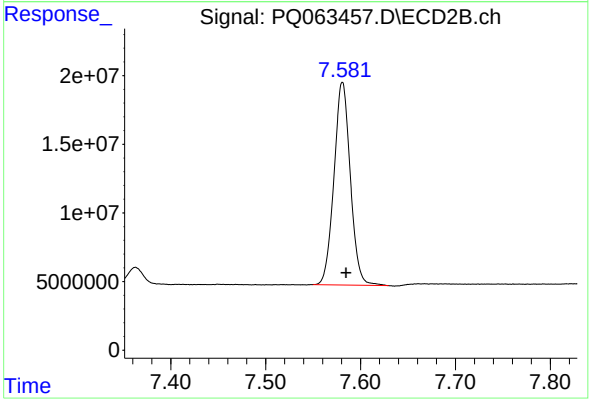
#1 Tetrachloro-m-xylene

R.T.: 2.781 min
Delta R.T.: -0.001 min
Response: 176826042
Conc: 51.17 ng/ml



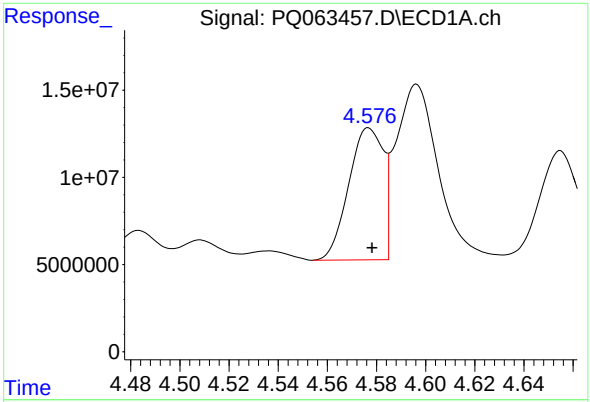
#2 Decachlorobiphenyl

R.T.: 8.695 min
Delta R.T.: -0.003 min
Response: 179220922
Conc: 51.29 ng/ml



#2 Decachlorobiphenyl

R.T.: 7.581 min
Delta R.T.: -0.004 min
Response: 176919559
Conc: 49.22 ng/ml



#3 AR-1016-1

R.T.: 4.577 min
Delta R.T.: -0.001 min
Response: 74144400
Conc: 509.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/29/2023
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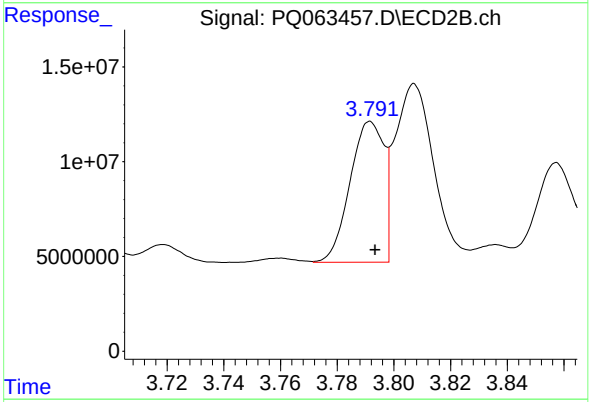
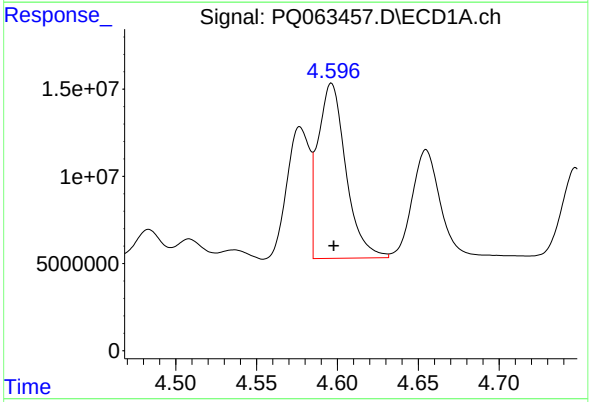


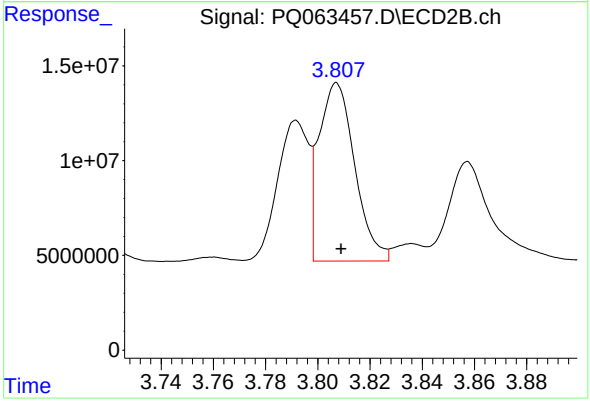
#3 AR-1016-1

R.T.: 3.792 min
Delta R.T.: -0.002 min
Response: 61395250
Conc: 492.89 ng/ml



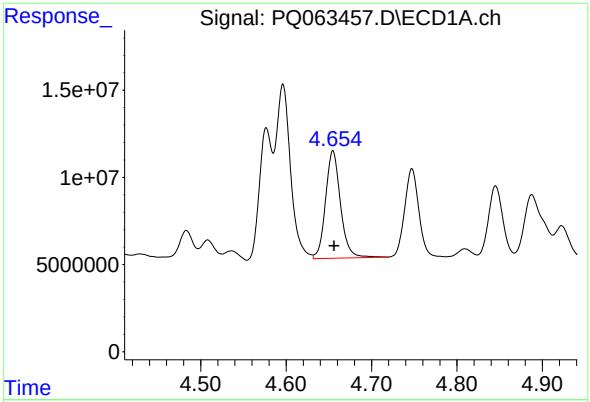
#4 AR-1016-2

R.T.: 4.596 min
Delta R.T.: -0.001 min
Response: 120563072
Conc: 516.02 ng/ml



#4 AR-1016-2

R.T.: 3.807 min
Delta R.T.: -0.002 min
Response: 89755342
Conc: 504.93 ng/ml



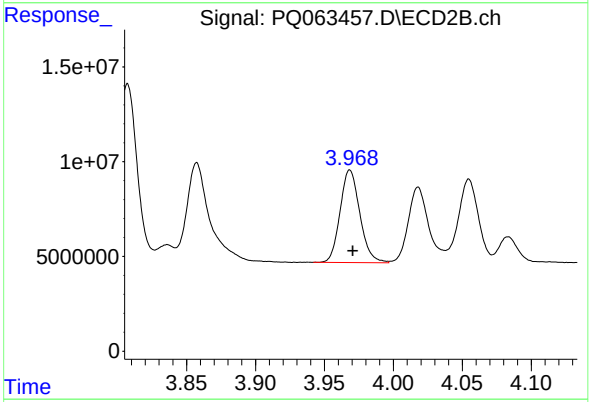
#5 AR-1016-3

R.T.: 4.655 min
Delta R.T.: -0.001 min
Response: 74905385
Conc: 521.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

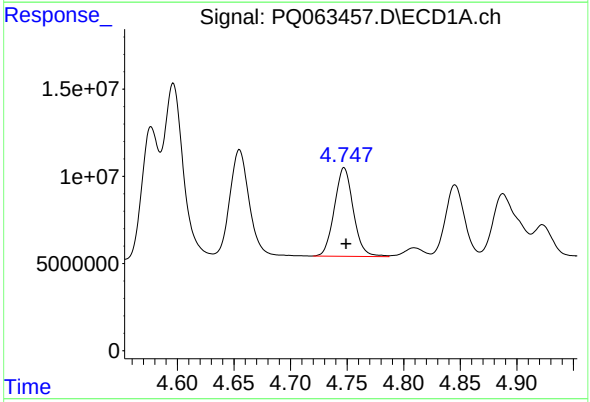
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/29/2023
Supervised By :Ankita Jodhani 09/29/2023



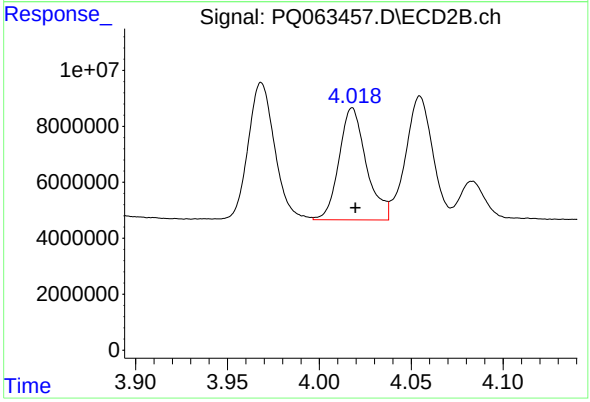
#5 AR-1016-3

R.T.: 3.968 min
Delta R.T.: -0.002 min
Response: 48765273
Conc: 505.38 ng/ml



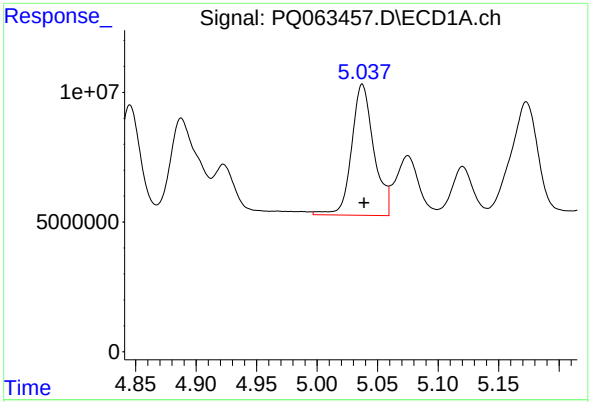
#6 AR-1016-4

R.T.: 4.747 min
Delta R.T.: -0.002 min
Response: 58898018
Conc: 516.34 ng/ml



#6 AR-1016-4

R.T.: 4.018 min
Delta R.T.: -0.002 min
Response: 41355585
Conc: 510.17 ng/ml



#7 AR-1016-5

R.T.: 5.037 min
Delta R.T.: -0.002 min
Response: 64583846
Conc: 549.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/29/2023
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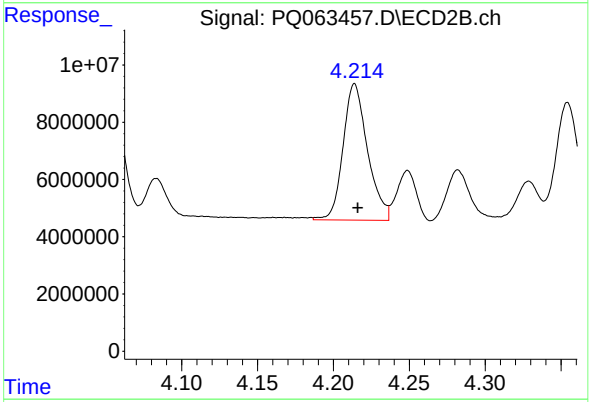
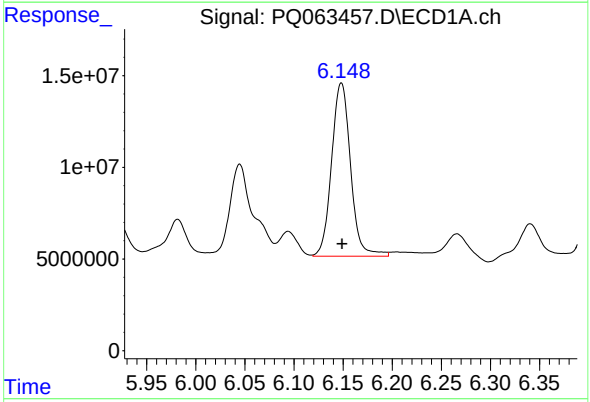


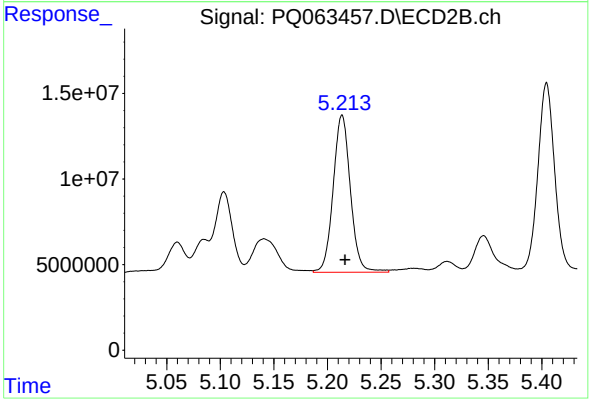
#7 AR-1016-5

R.T.: 4.214 min
Delta R.T.: -0.002 min
Response: 53558848
Conc: 532.05 ng/ml



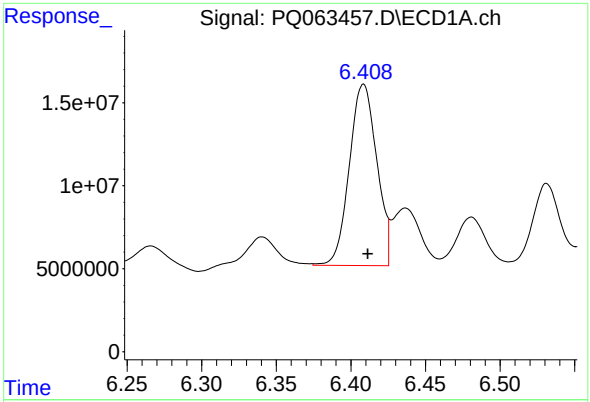
#31 AR-1260-1

R.T.: 6.148 min
Delta R.T.: -0.001 min
Response: 127134602
Conc: 528.54 ng/ml m



#31 AR-1260-1

R.T.: 5.214 min
Delta R.T.: -0.003 min
Response: 102825623
Conc: 509.23 ng/ml



#32 AR-1260-2

R.T.: 6.408 min
Delta R.T.: -0.003 min
Response: 140628449
Conc: 496.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660CCC500

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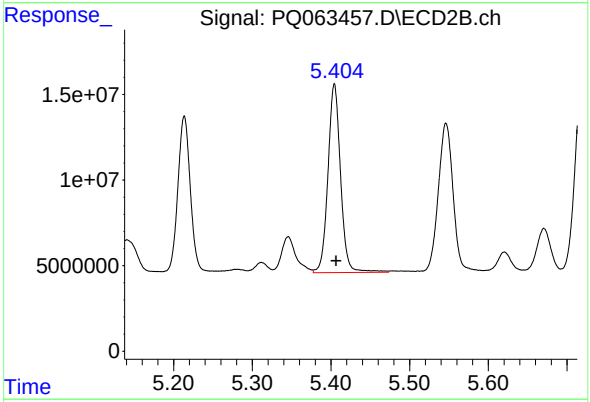
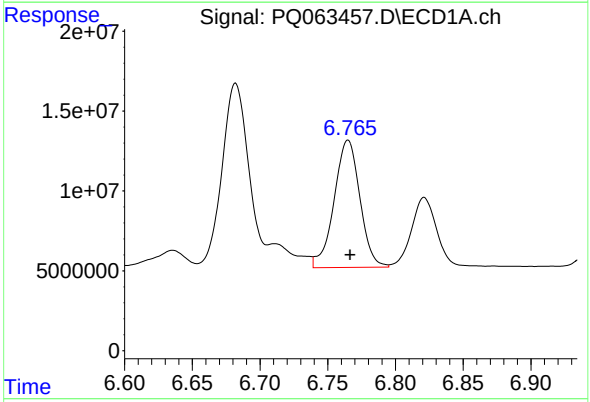


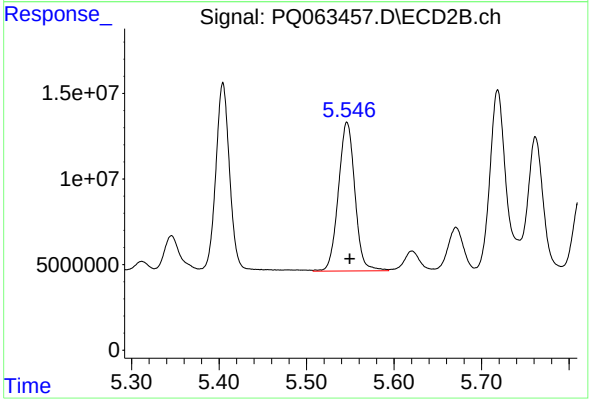
#32 AR-1260-2

R.T.: 5.404 min
Delta R.T.: -0.002 min
Response: 122873767
Conc: 502.15 ng/ml



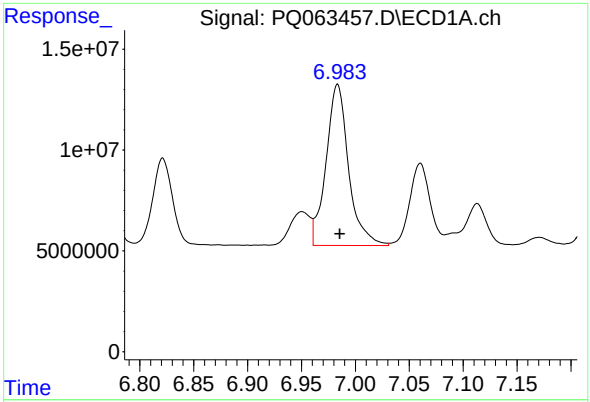
#33 AR-1260-3

R.T.: 6.765 min
Delta R.T.: -0.002 min
Response: 105781615
Conc: 520.38 ng/ml



#33 AR-1260-3

R.T.: 5.546 min
Delta R.T.: -0.003 min
Response: 113882519
Conc: 481.59 ng/ml



#34 AR-1260-4

R.T.: 6.983 min
Delta R.T.: -0.002 min
Response: 116234900
Conc: 487.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :
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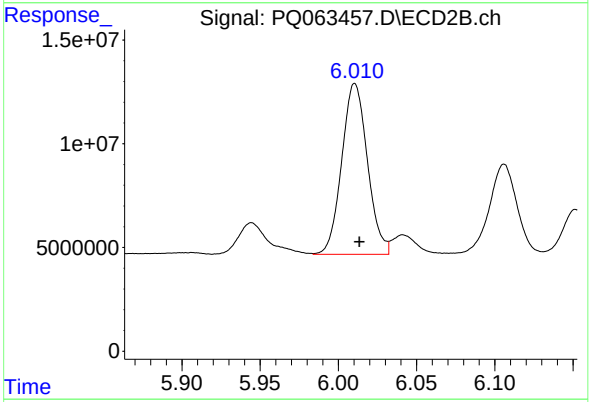
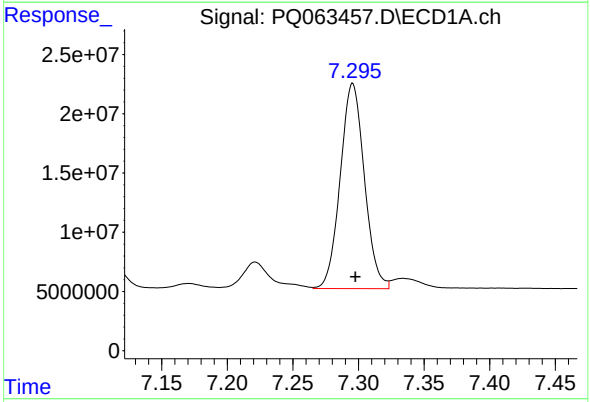


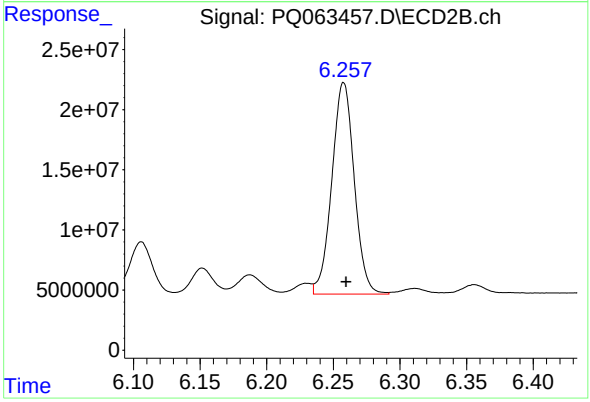
#34 AR-1260-4

R.T.: 6.011 min
Delta R.T.: -0.003 min
Response: 94124921
Conc: 493.00 ng/ml



#35 AR-1260-5

R.T.: 7.296 min
Delta R.T.: -0.002 min
Response: 221905703
Conc: 495.67 ng/ml



#35 AR-1260-5

R.T.: 6.258 min
Delta R.T.: -0.002 min
Response: 206264790
Conc: 471.00 ng/ml