Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081023\
Data File : PO096903.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Aug 2023 09:56
Operator : YP/AJ
Sample : 03572-09
Misc : AR1660 MDL 25 PPB
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
MDL-WATER-03-QT3-2023

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/11/2023
Supervised By :Ankita Jodhani 08/11/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 10 21:32:38 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO080723.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Aug 08 04:34:41 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...	4.411	3.618	57916654	23323933	17.497	17.619
2) SA	Decachlor...	10.354	8.639	43127723	22877216	19.709	19.774
	Target Compounds						
3) L1	AR-1016-1	5.597	4.703	2343713	1088396	24.885	24.549m
4) L1	AR-1016-2	5.619	4.722	3202973	1299316	23.943	21.241m
5) L1	AR-1016-3	5.683	4.899	2007051	827327	23.064	25.325
6) L1	AR-1016-4	5.783	4.942	1611870	744305	23.997	26.037
7) L1	AR-1016-5	6.085	5.155	1833668	955591	26.264	24.855
31) L7	AR-1260-1	7.241	6.192	3978730	1886332	31.656	26.807
32) L7	AR-1260-2	7.505	6.381	3703203	2401246	27.485	28.770
33) L7	AR-1260-3	7.875	6.535	2815836	1854864	27.134	24.021
34) L7	AR-1260-4	8.107	7.008	3544560	1445211	31.703	22.552 #
35) L7	AR-1260-5	8.440	7.251	4668671	3764235	22.234m	27.152

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO081023\
Data File : PO096903.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Aug 2023 09:56
Operator : YP/AJ
Sample : 03572-09
Misc : AR1660 MDL 25 PPB
ALS Vial : 7 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
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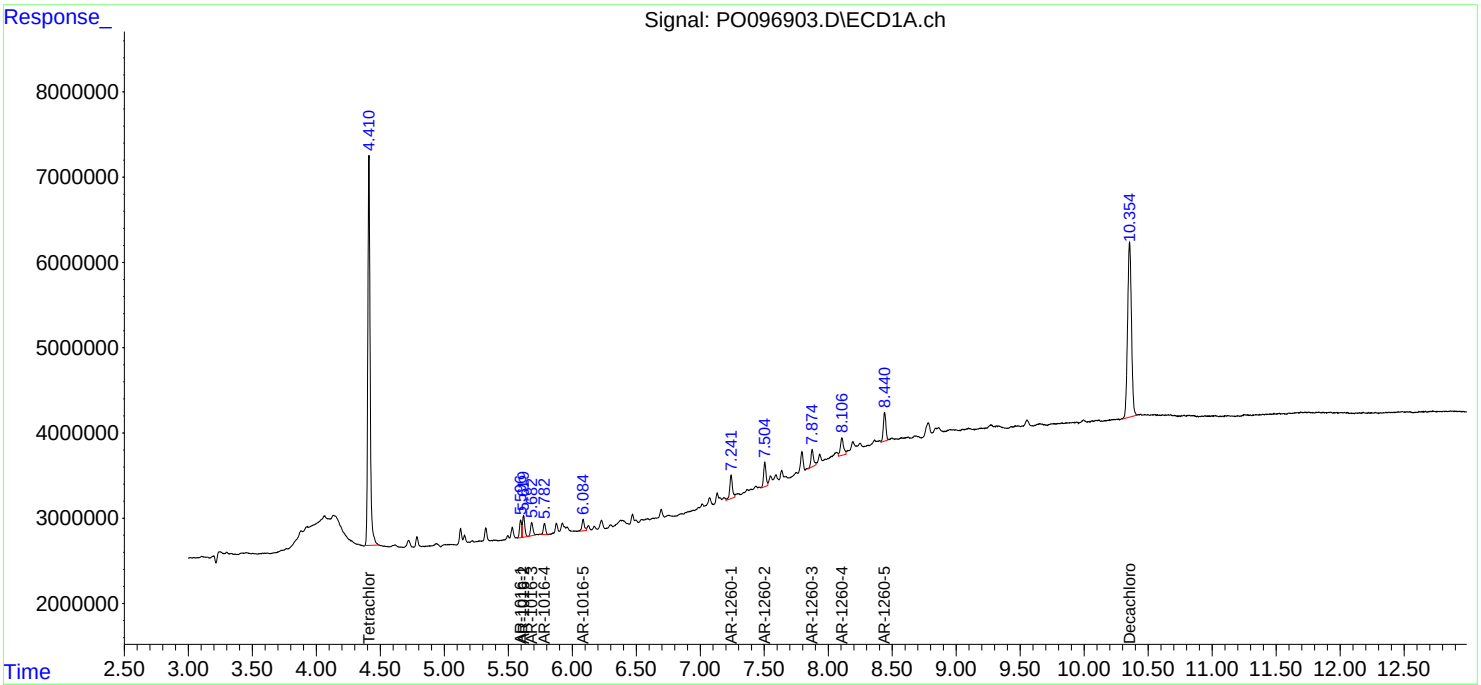

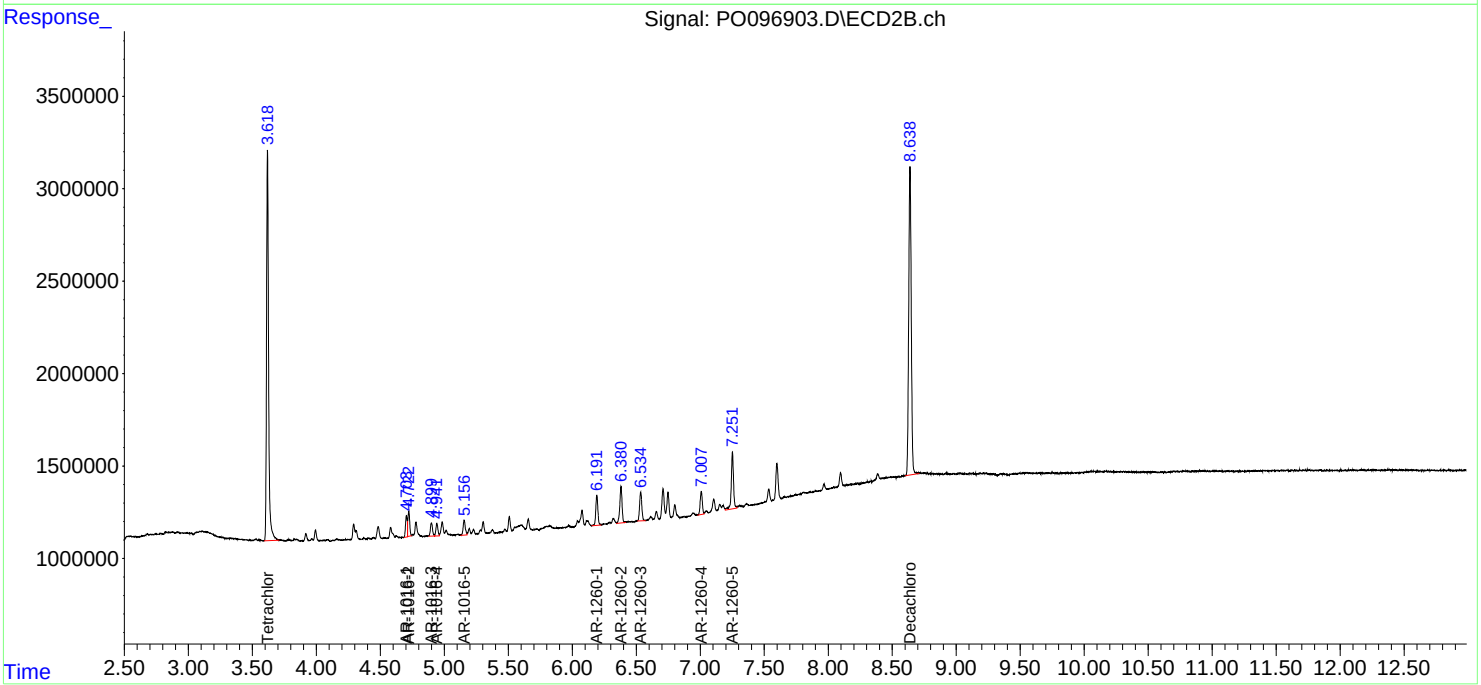

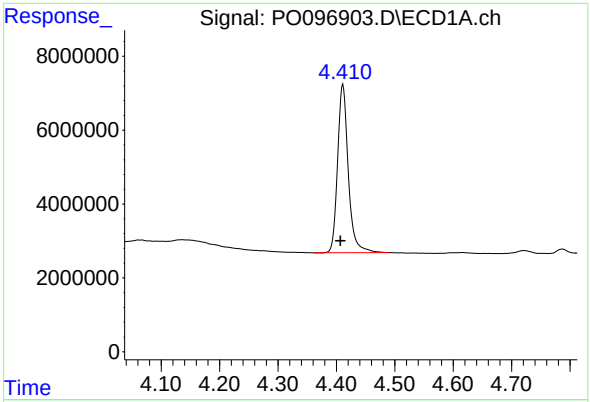

#1 Tetrachloro-m-xylene

R.T.: 4.411 min
Delta R.T.: 0.004 min
Response: 57916654
Conc: 17.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
MDL-WATER-03-QT3-2023

Manual Integrations
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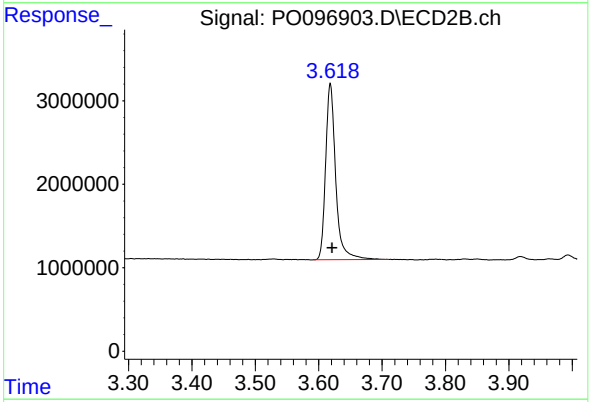
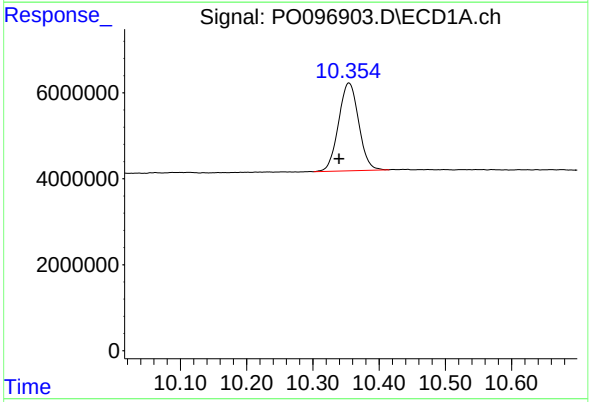


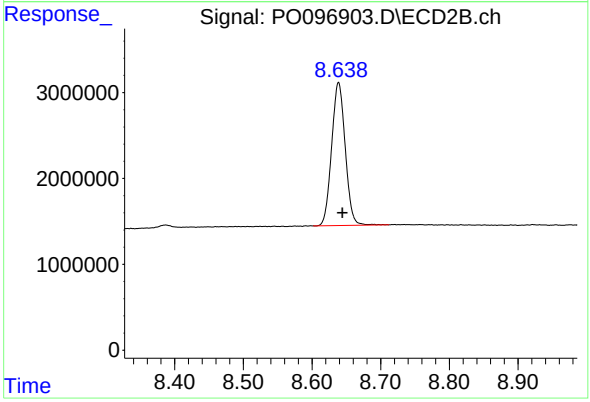
#1 Tetrachloro-m-xylene

R.T.: 3.618 min
Delta R.T.: -0.003 min
Response: 23323933
Conc: 17.62 ng/ml



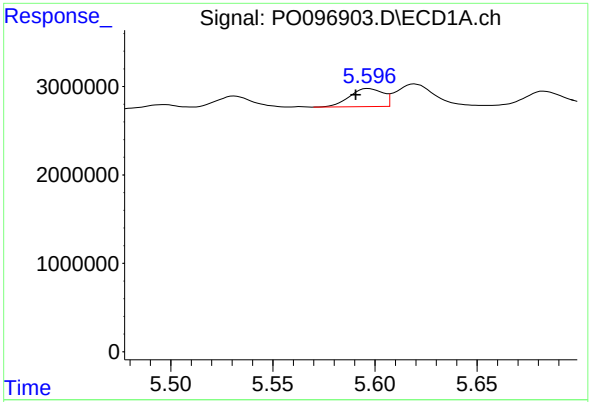
#2 Decachlorobiphenyl

R.T.: 10.354 min
Delta R.T.: 0.015 min
Response: 43127723
Conc: 19.71 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.639 min
Delta R.T.: -0.005 min
Response: 22877216
Conc: 19.77 ng/ml



#3 AR-1016-1

R.T.: 5.597 min
Delta R.T.: 0.006 min
Response: 2343713
Conc: 24.88 ng/ml

Instrument :
ECD_O
ClientSampleId :
MDL-WATER-03-QT3-2023

Manual Integrations
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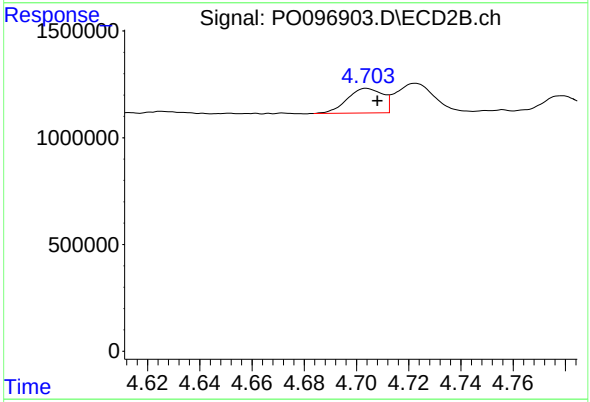
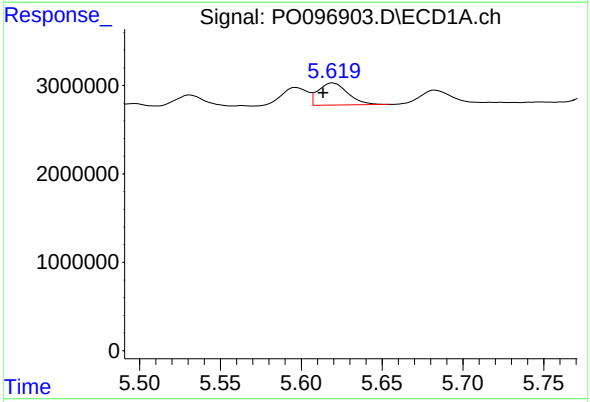


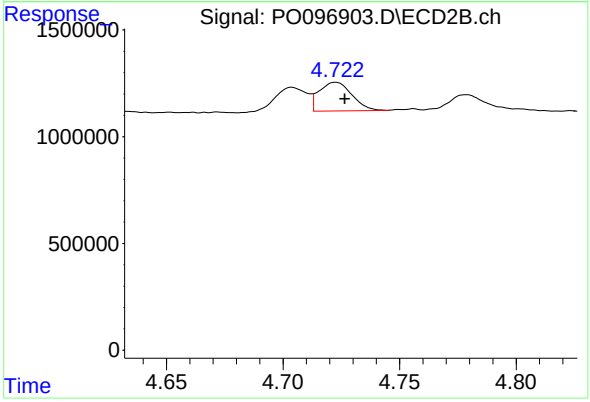
#3 AR-1016-1

R.T.: 4.703 min
Delta R.T.: -0.005 min
Response: 1088396
Conc: 24.55 ng/ml m



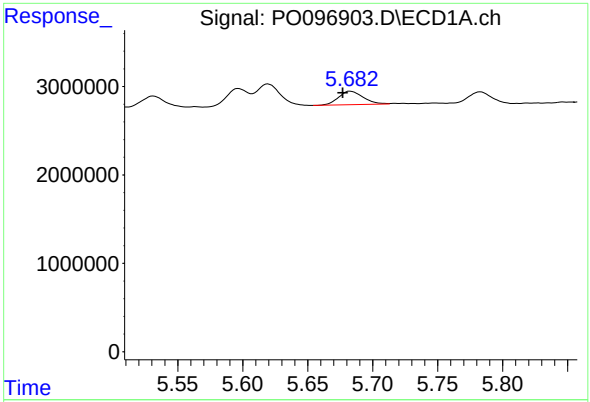
#4 AR-1016-2

R.T.: 5.619 min
Delta R.T.: 0.006 min
Response: 3202973
Conc: 23.94 ng/ml



#4 AR-1016-2

R.T.: 4.722 min
Delta R.T.: -0.004 min
Response: 1299316
Conc: 21.24 ng/ml m



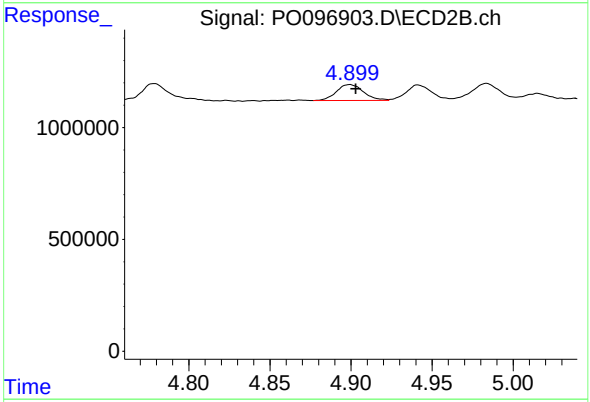
#5 AR-1016-3

R.T.: 5.683 min
Delta R.T.: 0.006 min
Response: 2007051
Conc: 23.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
MDL-WATER-03-QT3-2023

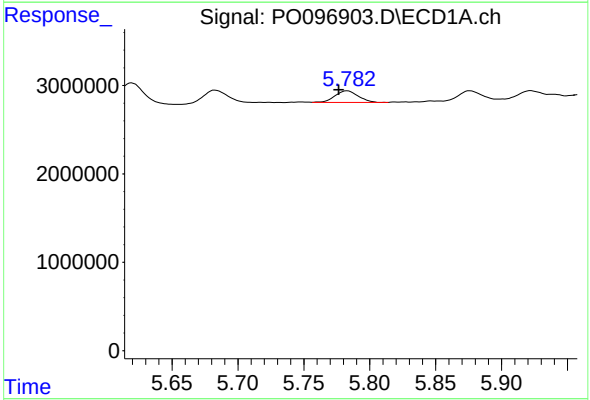
Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/11/2023
Supervised By :Ankita Jodhani 08/11/2023



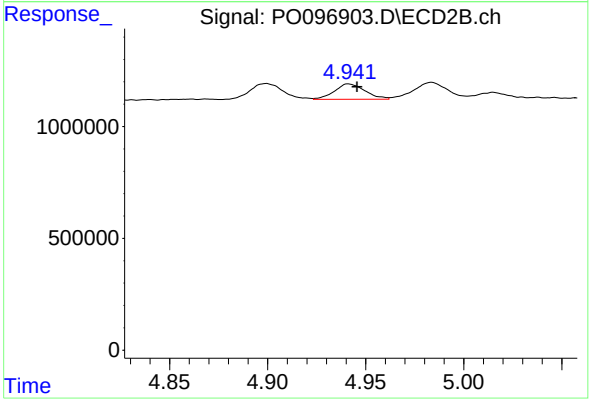
#5 AR-1016-3

R.T.: 4.899 min
Delta R.T.: -0.004 min
Response: 827327
Conc: 25.32 ng/ml



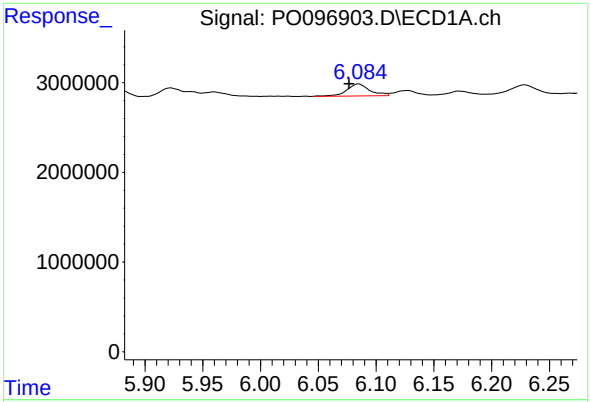
#6 AR-1016-4

R.T.: 5.783 min
Delta R.T.: 0.007 min
Response: 1611870
Conc: 24.00 ng/ml



#6 AR-1016-4

R.T.: 4.942 min
Delta R.T.: -0.004 min
Response: 744305
Conc: 26.04 ng/ml



#7 AR-1016-5

R.T.: 6.085 min
Delta R.T.: 0.008 min
Response: 1833668
Conc: 26.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
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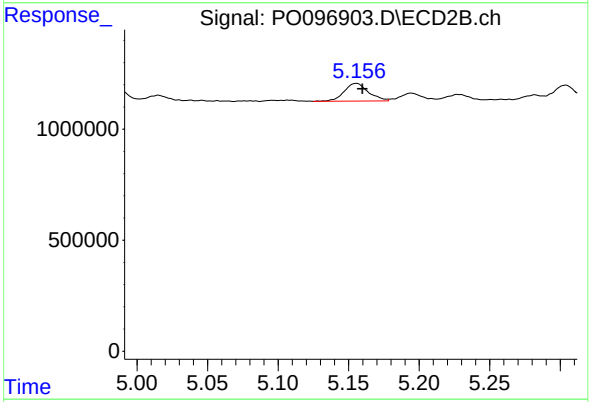
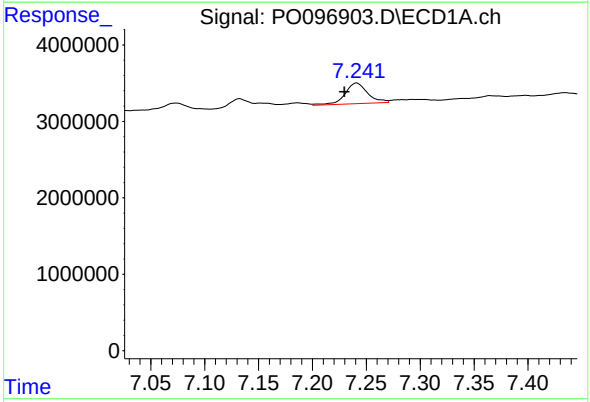


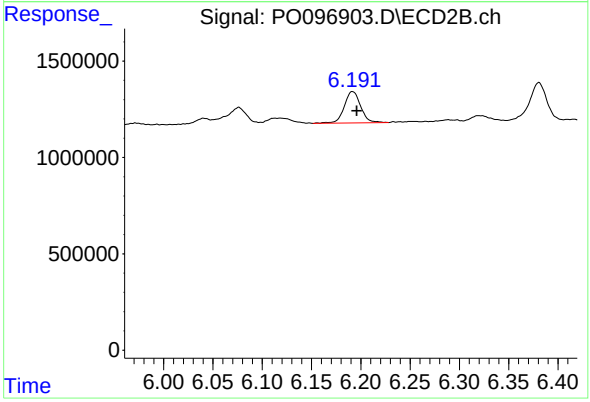
#7 AR-1016-5

R.T.: 5.155 min
Delta R.T.: -0.005 min
Response: 955591
Conc: 24.86 ng/ml



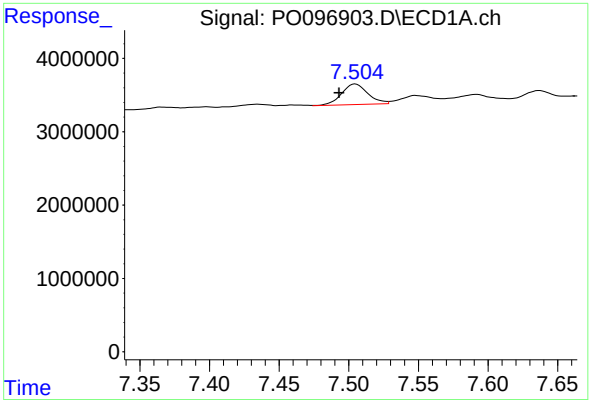
#31 AR-1260-1

R.T.: 7.241 min
Delta R.T.: 0.011 min
Response: 3978730
Conc: 31.66 ng/ml



#31 AR-1260-1

R.T.: 6.192 min
Delta R.T.: -0.004 min
Response: 1886332
Conc: 26.81 ng/ml



#32 AR-1260-2

R.T.: 7.505 min
Delta R.T.: 0.012 min
Response: 3703203
Conc: 27.49 ng/ml

Instrument :
ECD_O
ClientSampleId :
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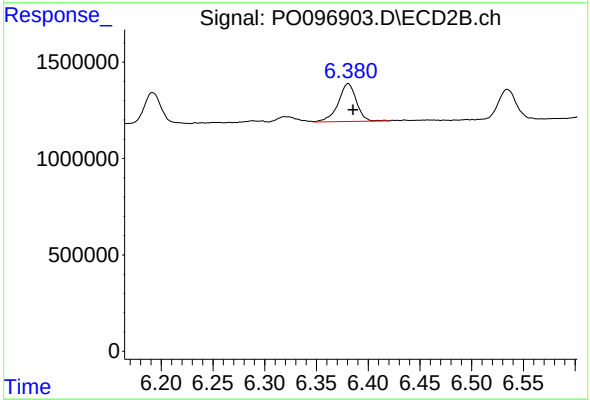
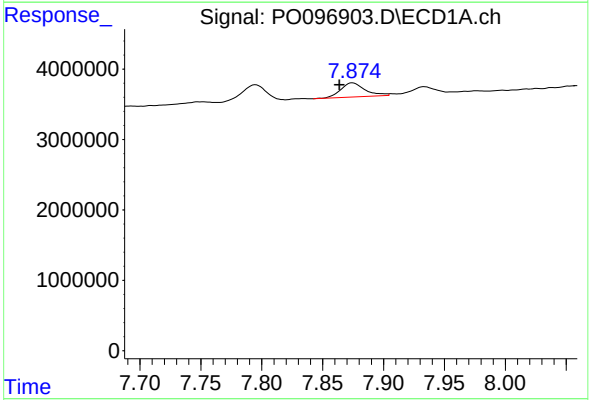


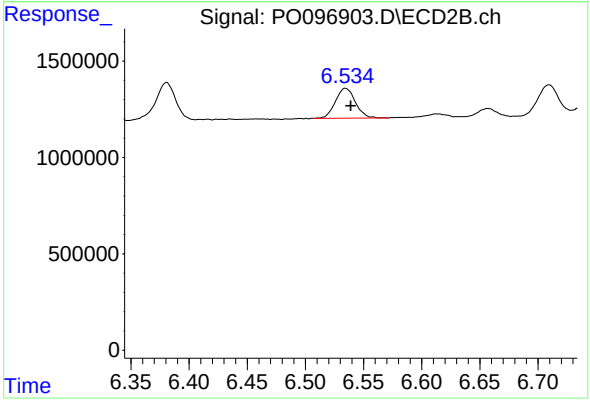
#32 AR-1260-2

R.T.: 6.381 min
Delta R.T.: -0.005 min
Response: 2401246
Conc: 28.77 ng/ml



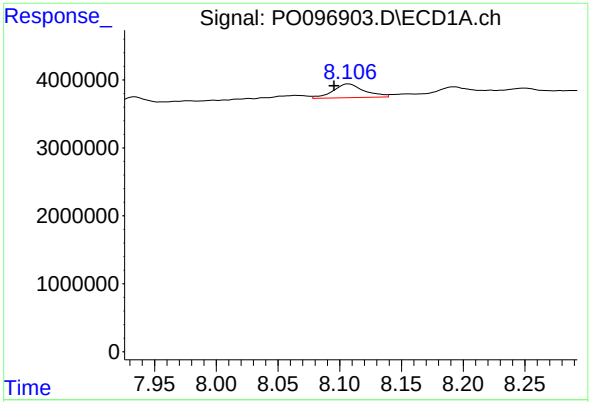
#33 AR-1260-3

R.T.: 7.875 min
Delta R.T.: 0.011 min
Response: 2815836
Conc: 27.13 ng/ml



#33 AR-1260-3

R.T.: 6.535 min
Delta R.T.: -0.004 min
Response: 1854864
Conc: 24.02 ng/ml



#34 AR-1260-4

R.T.: 8.107 min
Delta R.T.: 0.012 min
Response: 3544560
Conc: 31.70 ng/ml

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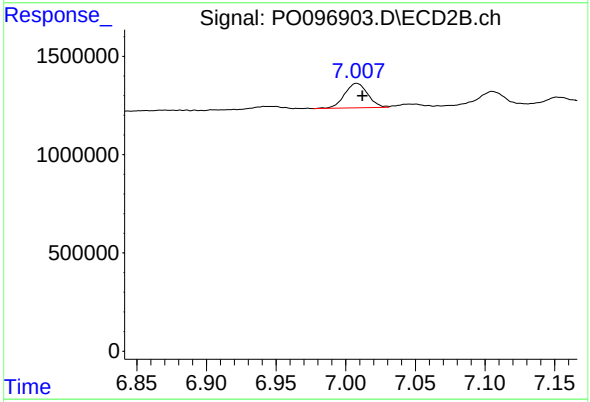
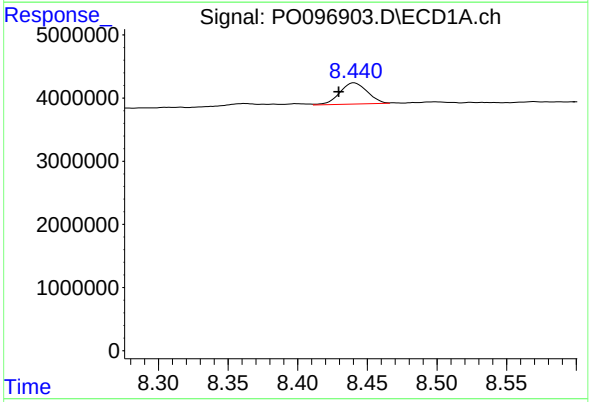


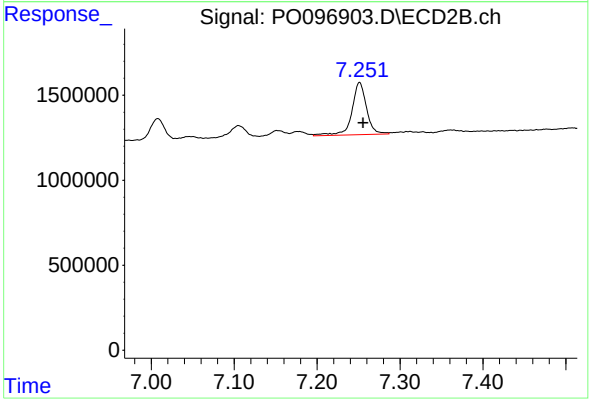
#34 AR-1260-4

R.T.: 7.008 min
Delta R.T.: -0.004 min
Response: 1445211
Conc: 22.55 ng/ml



#35 AR-1260-5

R.T.: 8.440 min
Delta R.T.: 0.010 min
Response: 4668671
Conc: 22.23 ng/ml m



#35 AR-1260-5

R.T.: 7.251 min
Delta R.T.: -0.004 min
Response: 3764235
Conc: 27.15 ng/ml