Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO110223\
Data File : PO099291.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Nov 2023 16:09
Operator : YP/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/06/2023
Supervised By :Ankita Jodhani 11/06/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 02 23:17:08 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102523.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Oct 25 06:04:36 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...	4.466	3.622	95171616	36990990	48.165	51.399m
2)	SA Decachlor...	10.254	8.613	62494395	27564958	55.165m	51.376m
	Target Compounds						
3)	L1 AR-1016-1	5.638	4.702	28626823	12037194	519.861m	537.520m
4)	L1 AR-1016-2	5.661	4.721	41729144	16917179	504.646	541.235
5)	L1 AR-1016-3	5.724	4.896	26497934	9161379	514.801	541.044
6)	L1 AR-1016-4	5.822	4.939	20830313	7114576	512.514m	492.095
7)	L1 AR-1016-5	6.117	5.151	21444807	10207330	505.260m	546.376
31)	L7 AR-1260-1	7.246	6.182	37895609	18935875	528.818	536.801
32)	L7 AR-1260-2	7.503	6.370	41178813	21251848	521.932	530.150
33)	L7 AR-1260-3	7.864	6.523	28143303	19181275	515.323	507.268m
34)	L7 AR-1260-4	8.089	6.994	31992283	14980804	510.596m	518.430
35)	L7 AR-1260-5	8.414	7.237	59271560	32492701	553.859	539.928

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

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Acq On : 02 Nov 2023 16:09
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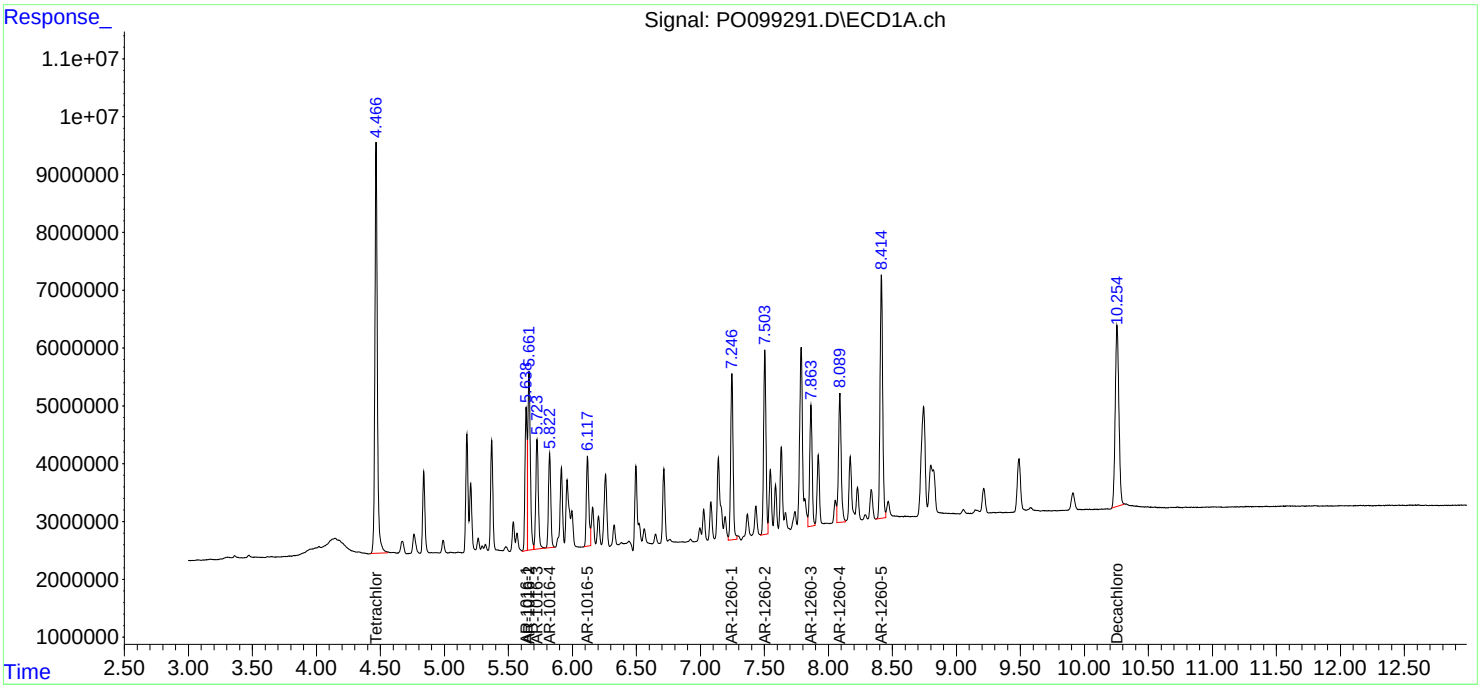

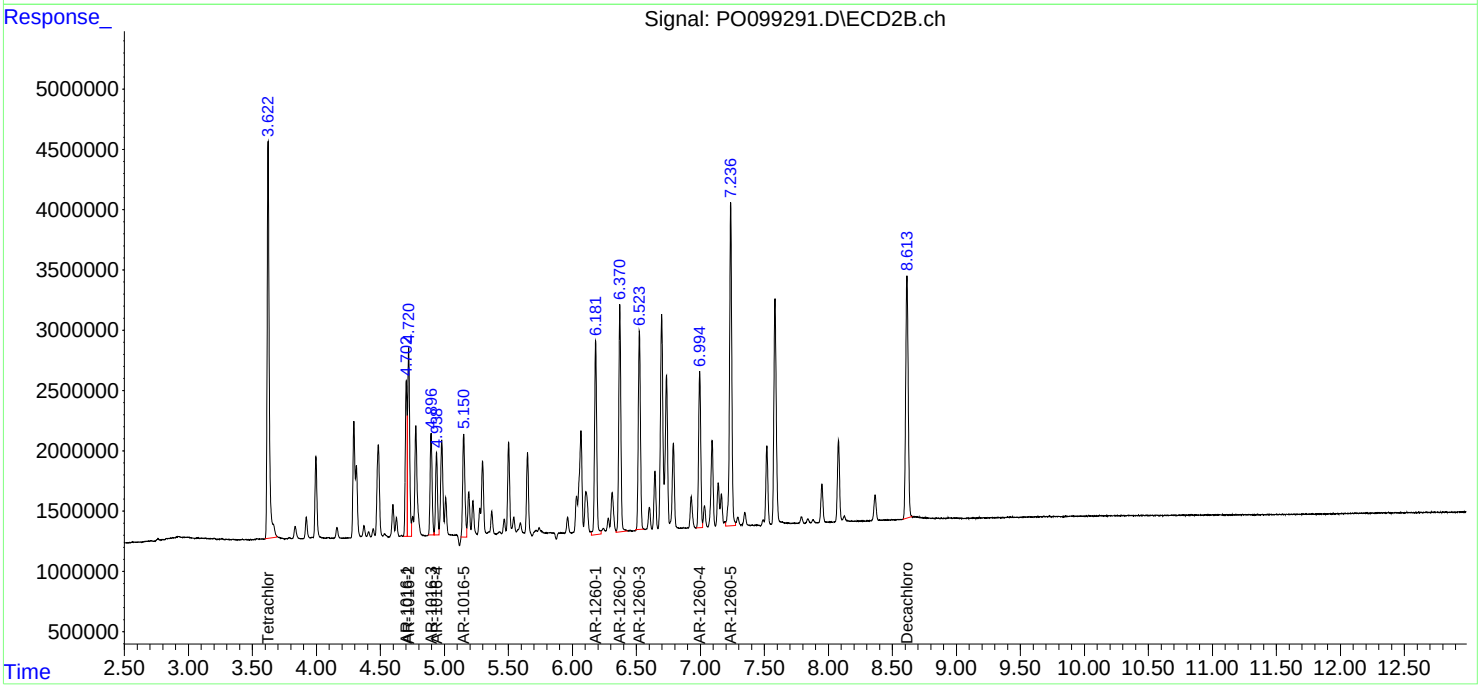

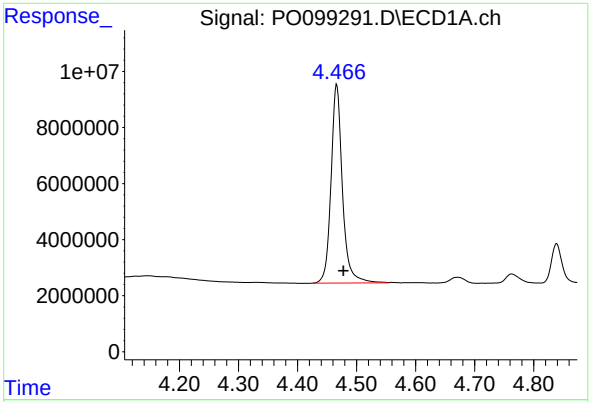

#1 Tetrachloro-m-xylene

R.T.: 4.466 min
Delta R.T.: -0.012 min
Response: 95171616
Conc: 48.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

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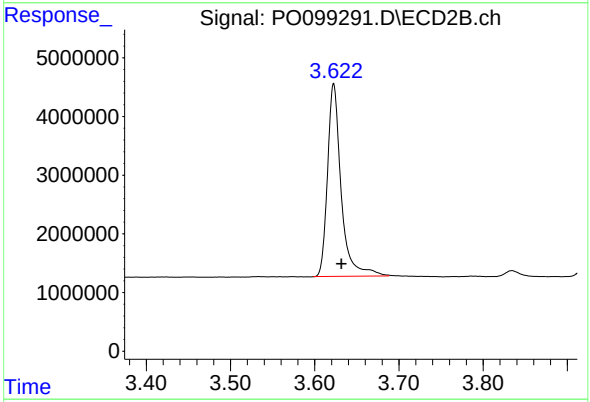
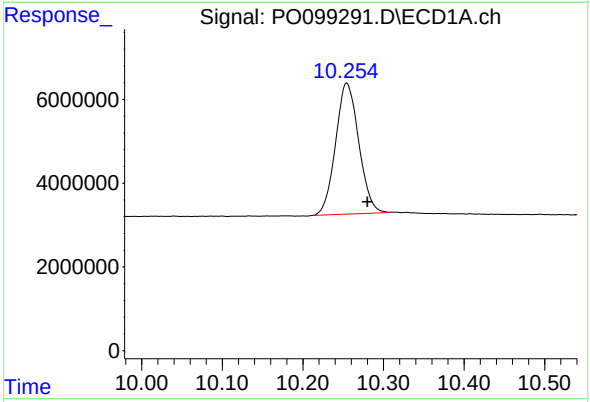


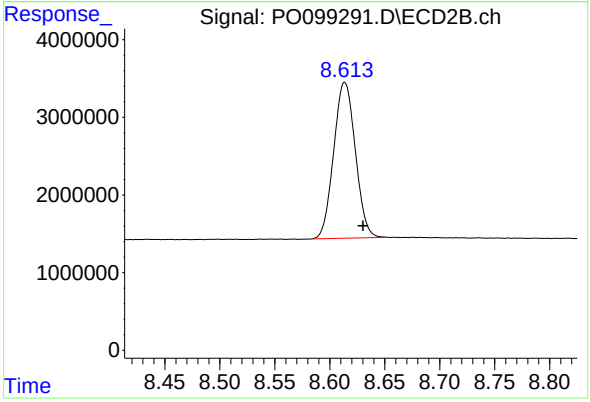
#1 Tetrachloro-m-xylene

R.T.: 3.622 min
Delta R.T.: -0.010 min
Response: 36990990
Conc: 51.40 ng/ml m



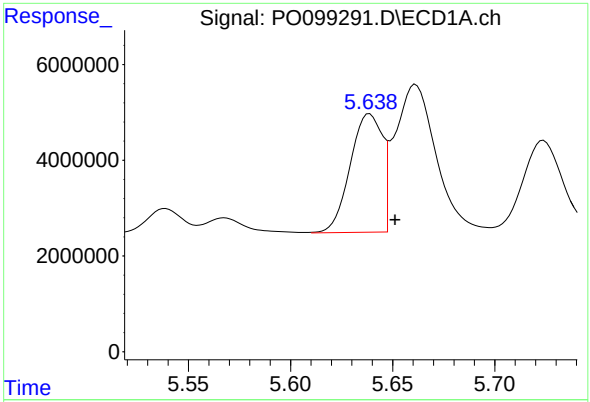
#2 Decachlorobiphenyl

R.T.: 10.254 min
Delta R.T.: -0.026 min
Response: 62494395
Conc: 55.16 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.613 min
Delta R.T.: -0.017 min
Response: 27564958
Conc: 51.38 ng/ml m



#3 AR-1016-1

R.T.: 5.638 min
Delta R.T.: -0.013 min
Response: 28626823
Conc: 519.86 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

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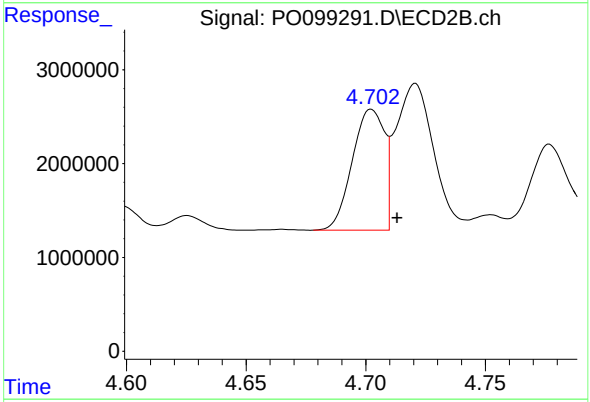
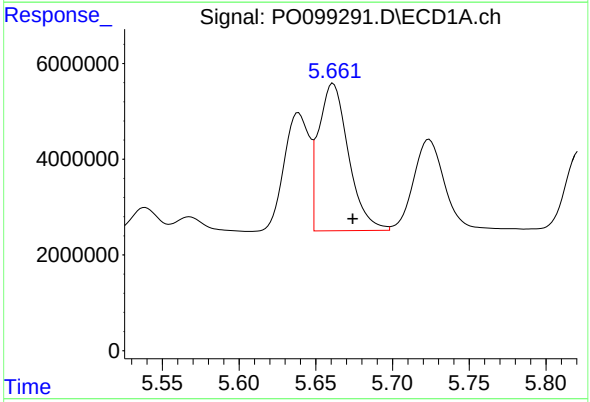


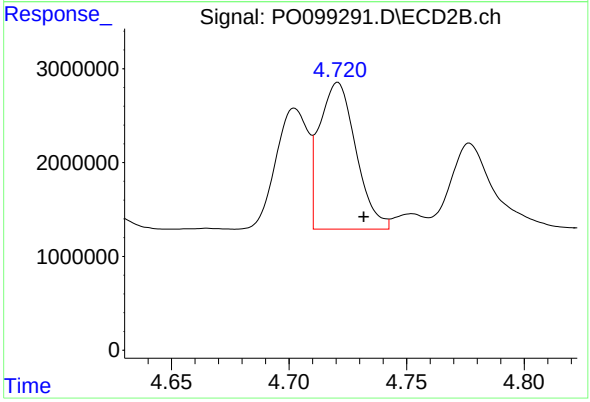
#3 AR-1016-1

R.T.: 4.702 min
Delta R.T.: -0.011 min
Response: 12037194
Conc: 537.52 ng/ml m



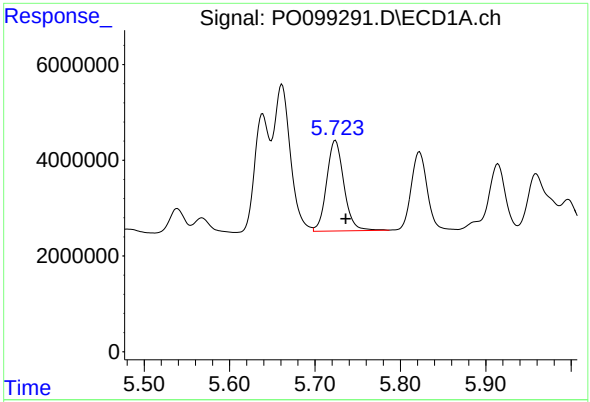
#4 AR-1016-2

R.T.: 5.661 min
Delta R.T.: -0.013 min
Response: 41729144
Conc: 504.65 ng/ml



#4 AR-1016-2

R.T.: 4.721 min
Delta R.T.: -0.011 min
Response: 16917179
Conc: 541.23 ng/ml



#5 AR-1016-3

R.T.: 5.724 min
Delta R.T.: -0.012 min
Response: 26497934
Conc: 514.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Manual Integrations
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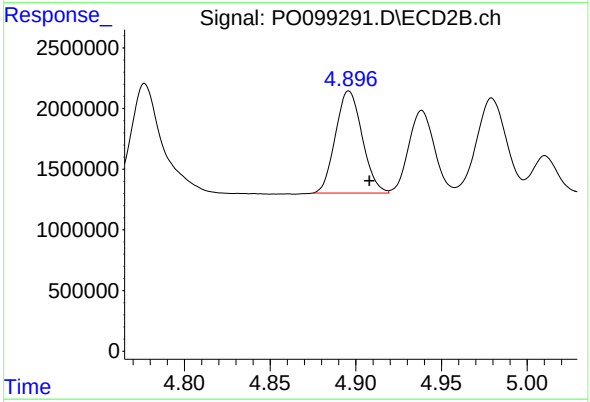
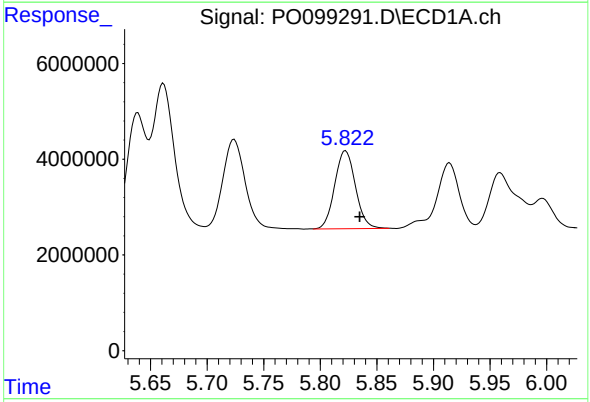


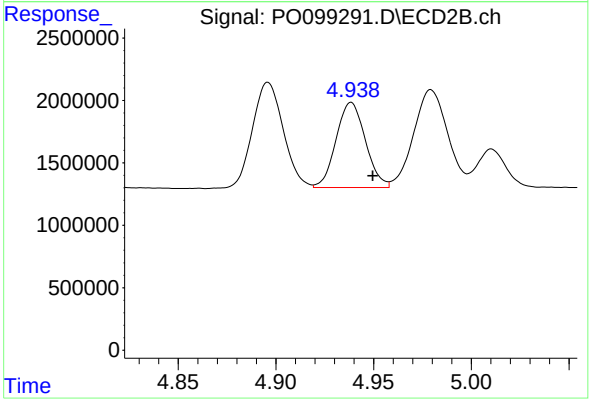
#5 AR-1016-3

R.T.: 4.896 min
Delta R.T.: -0.012 min
Response: 9161379
Conc: 541.04 ng/ml



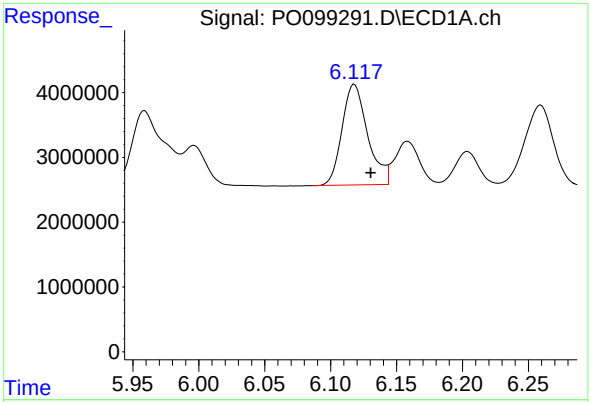
#6 AR-1016-4

R.T.: 5.822 min
Delta R.T.: -0.013 min
Response: 20830313
Conc: 512.51 ng/ml m



#6 AR-1016-4

R.T.: 4.939 min
Delta R.T.: -0.011 min
Response: 7114576
Conc: 492.09 ng/ml



#7 AR-1016-5

R.T.: 6.117 min
Delta R.T.: -0.013 min
Response: 21444807
Conc: 505.26 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

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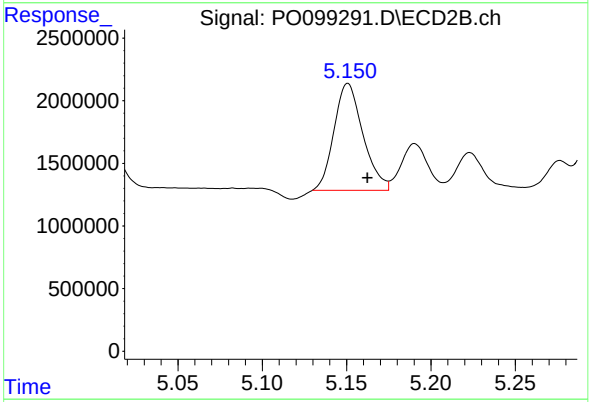
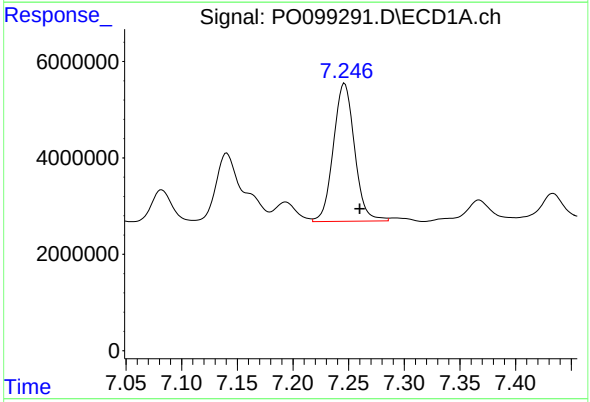


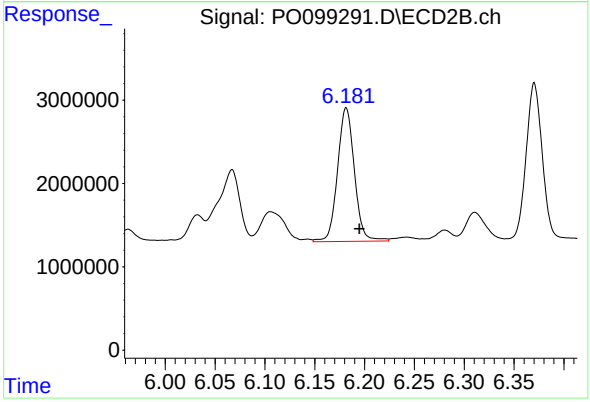
#7 AR-1016-5

R.T.: 5.151 min
Delta R.T.: -0.012 min
Response: 10207330
Conc: 546.38 ng/ml



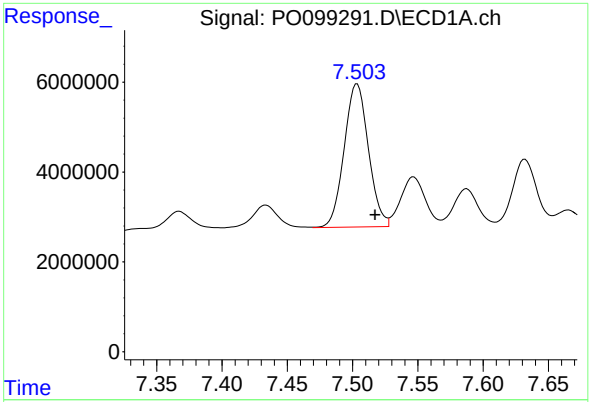
#31 AR-1260-1

R.T.: 7.246 min
Delta R.T.: -0.014 min
Response: 37895609
Conc: 528.82 ng/ml



#31 AR-1260-1

R.T.: 6.182 min
Delta R.T.: -0.013 min
Response: 18935875
Conc: 536.80 ng/ml



#32 AR-1260-2

R.T.: 7.503 min
Delta R.T.: -0.014 min
Response: 41178813
Conc: 521.93 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

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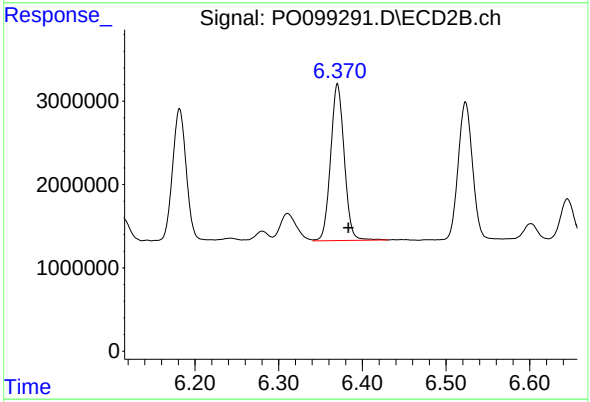
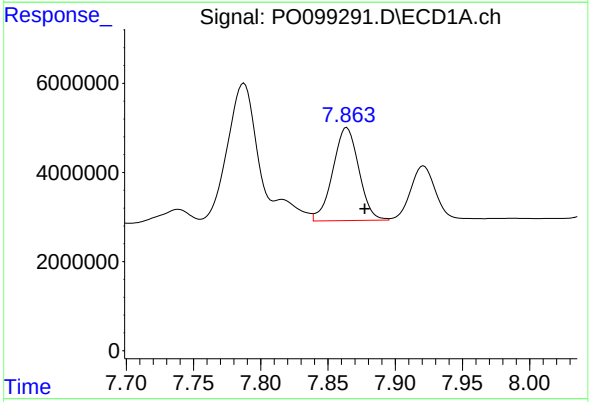


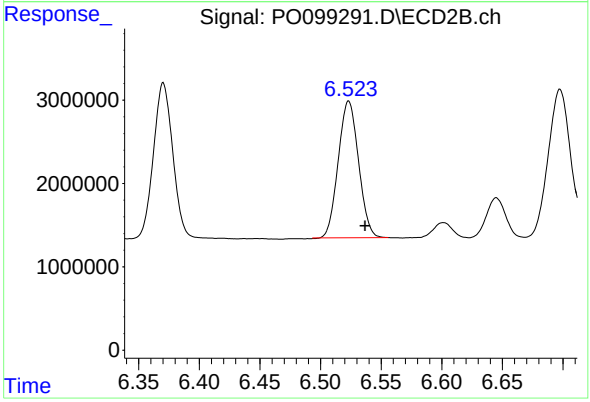
#32 AR-1260-2

R.T.: 6.370 min
Delta R.T.: -0.013 min
Response: 21251848
Conc: 530.15 ng/ml



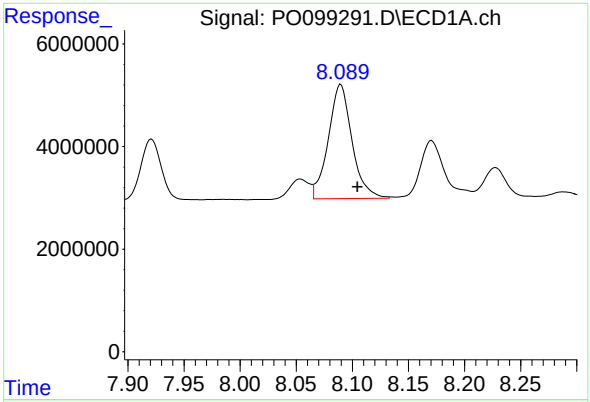
#33 AR-1260-3

R.T.: 7.864 min
Delta R.T.: -0.013 min
Response: 28143303
Conc: 515.32 ng/ml



#33 AR-1260-3

R.T.: 6.523 min
Delta R.T.: -0.014 min
Response: 19181275
Conc: 507.27 ng/ml m



#34 AR-1260-4

R.T.: 8.089 min
Delta R.T.: -0.015 min
Response: 31992283
Conc: 510.60 ng/ml

Instrument :
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ClientSampleId :
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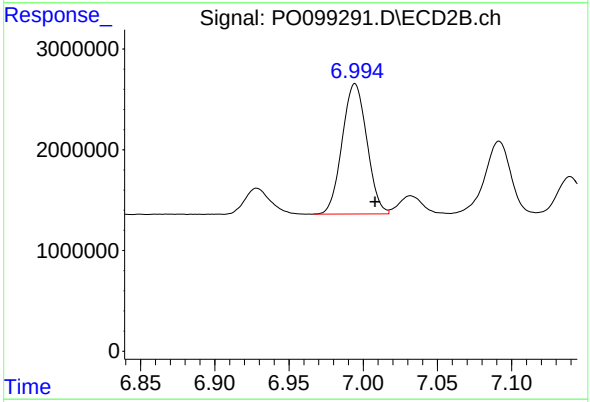
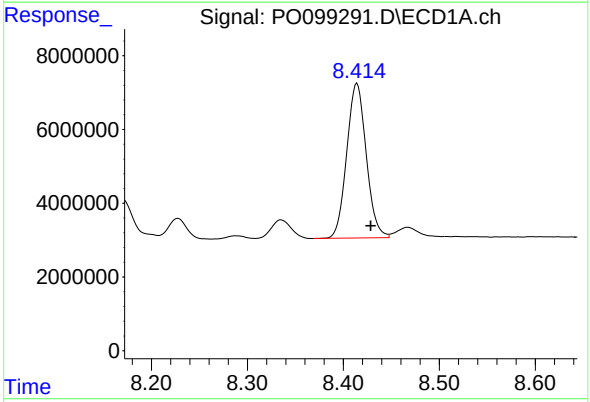


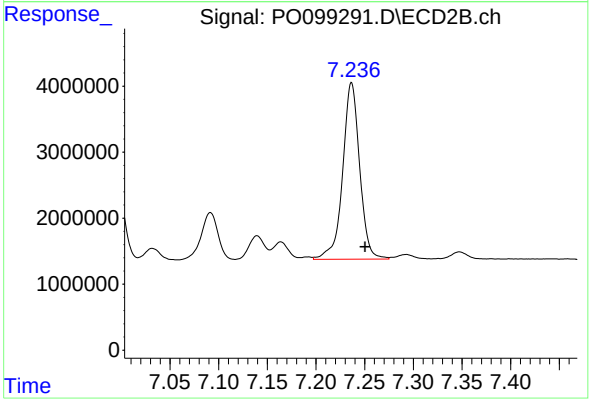
#34 AR-1260-4

R.T.: 6.994 min
Delta R.T.: -0.014 min
Response: 14980804
Conc: 518.43 ng/ml



#35 AR-1260-5

R.T.: 8.414 min
Delta R.T.: -0.014 min
Response: 59271560
Conc: 553.86 ng/ml



#35 AR-1260-5

R.T.: 7.237 min
Delta R.T.: -0.014 min
Response: 32492701
Conc: 539.93 ng/ml