Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO082319\
Data File : PO059776.D
Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
Acq On : 23 Aug 2019 23:46
Operator : SM/AJ
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 24 00:23:45 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO081719.M
Quant Title : GC EXTRACTABLES
QLast Update : Sat Aug 17 03:09:44 2019
Response via : Initial Calibration
Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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...	4.123	3.497	1896077	1753730	54.154m	48.721
2)	SA Decachlor...	9.595	8.357	2173034	1810795	40.846	44.909
	Target Compounds						
3)	L1 AR-1016-1	5.274	4.548	778155	629880	485.172m	465.908
4)	L1 AR-1016-2	5.294	4.564	1131445	939791	472.914m	469.190
5)	L1 AR-1016-3	5.356	4.736	696721	509329	467.747	470.791
6)	L1 AR-1016-4	5.454	4.777	604874	439322	499.999m	486.518
7)	L1 AR-1016-5	5.741	4.985	630729	534377	491.169	463.898m
31)	L7 AR-1260-1	6.850	5.993	1180581	1049823	437.930	460.670
32)	L7 AR-1260-2	7.105	6.181	1544134	1304819	416.155	445.350
33)	L7 AR-1260-3	7.460	6.329	1344710	1159177	410.431	437.568
34)	L7 AR-1260-4	7.686	6.792	1318910	960231	429.428	424.397
35)	L7 AR-1260-5	7.993	7.036	2832833	2281233	400.066m	414.520

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

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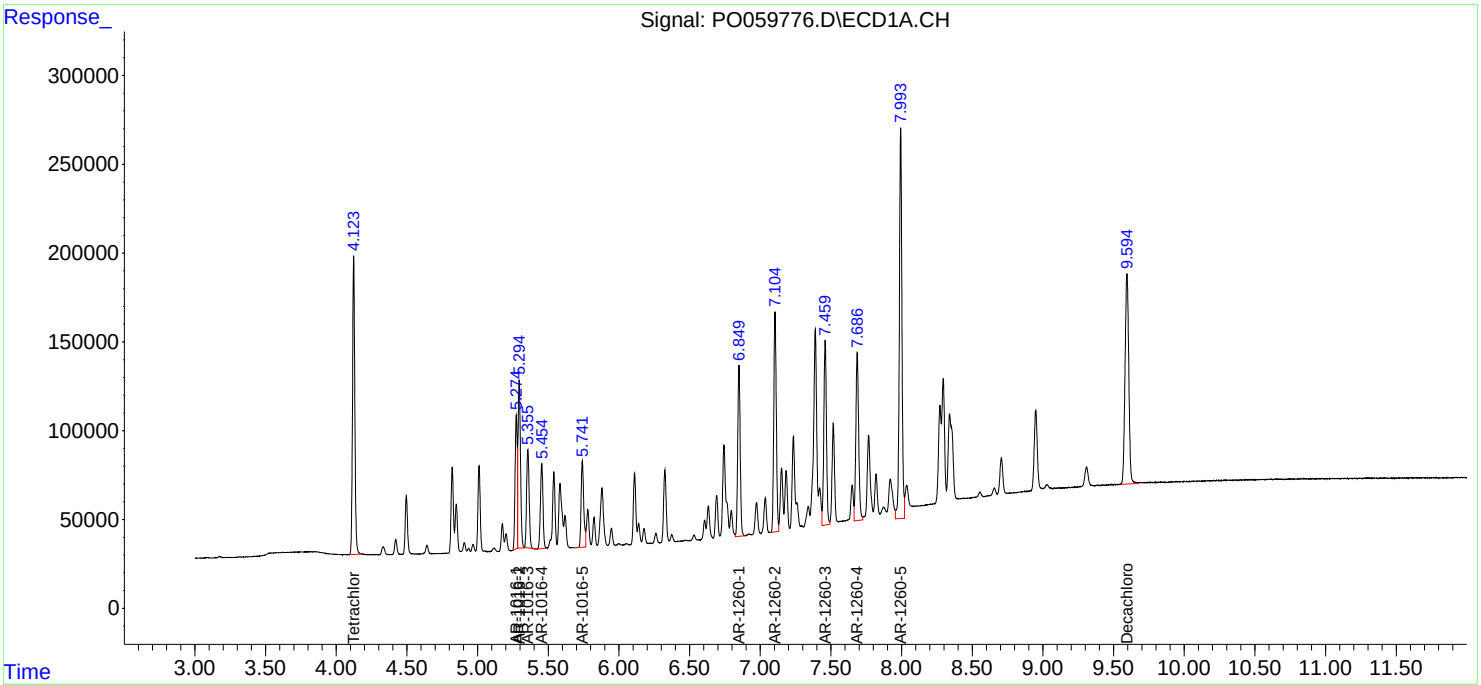

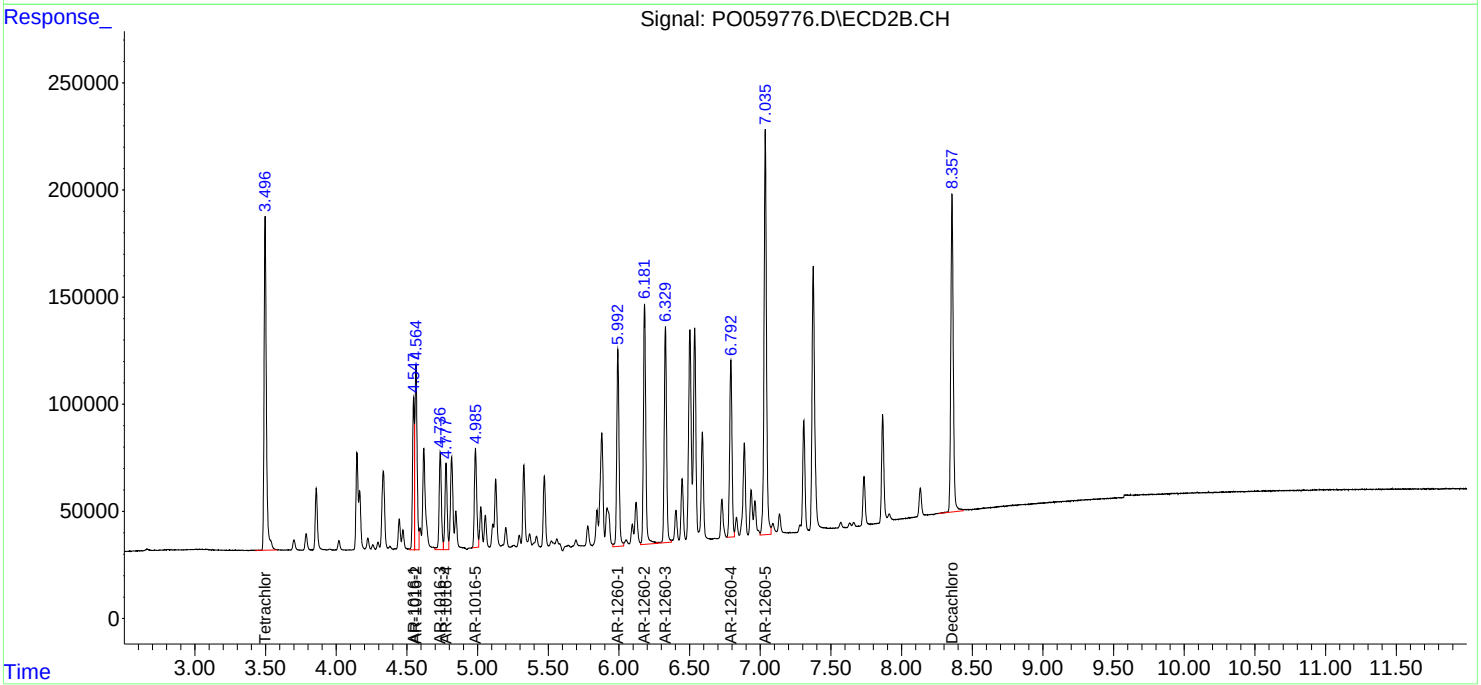

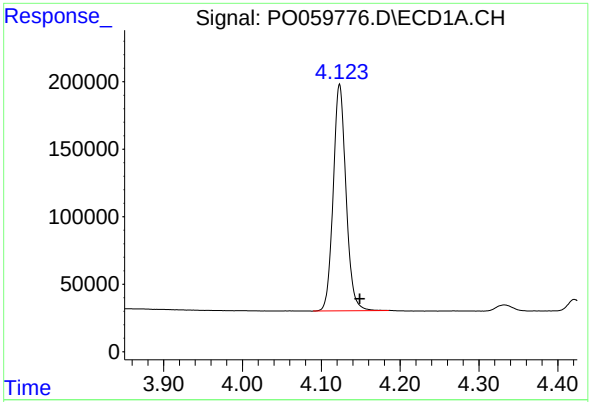

#1 Tetrachloro-m-xylene

R.T.: 4.123 min
Delta R.T.: -0.026 min
Response: 1896077
Conc: 54.15 ng/ml m

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

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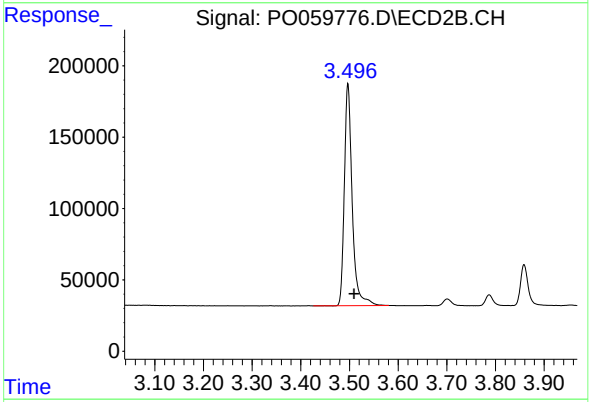
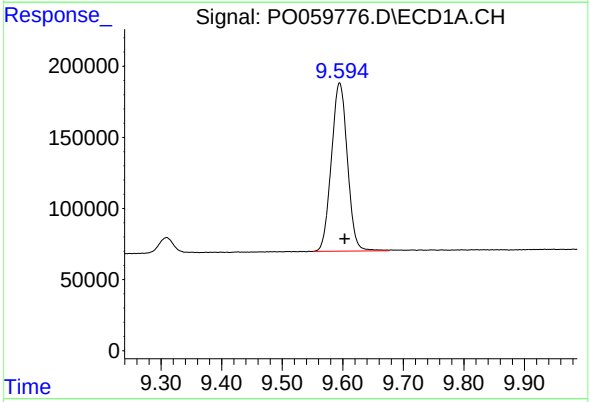


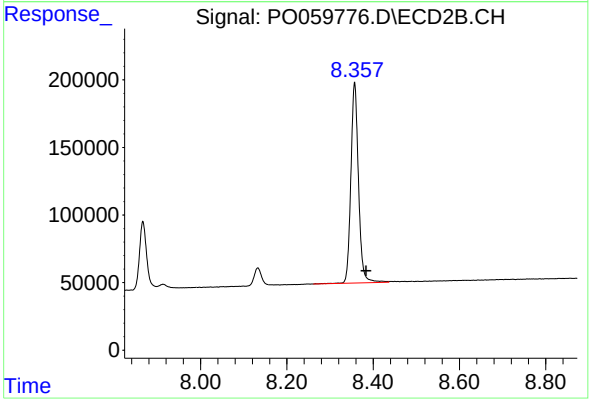
#1 Tetrachloro-m-xylene

R.T.: 3.497 min
Delta R.T.: -0.013 min
Response: 1753730
Conc: 48.72 ng/ml



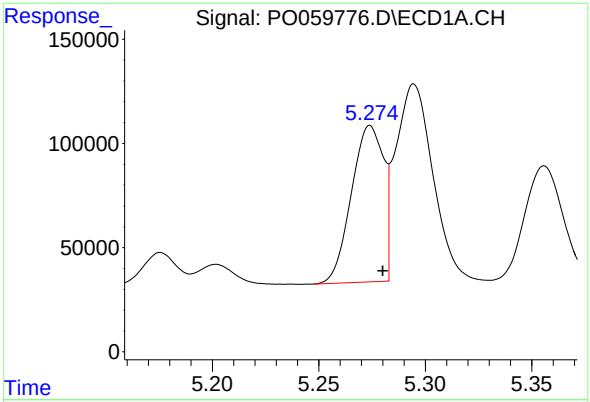
#2 Decachlorobiphenyl

R.T.: 9.595 min
Delta R.T.: -0.008 min
Response: 2173034
Conc: 40.85 ng/ml



#2 Decachlorobiphenyl

R.T.: 8.357 min
Delta R.T.: -0.026 min
Response: 1810795
Conc: 44.91 ng/ml



#3 AR-1016-1

R.T.: 5.274 min
Delta R.T.: -0.006 min
Response: 778155
Conc: 485.17 ng/ml m

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED
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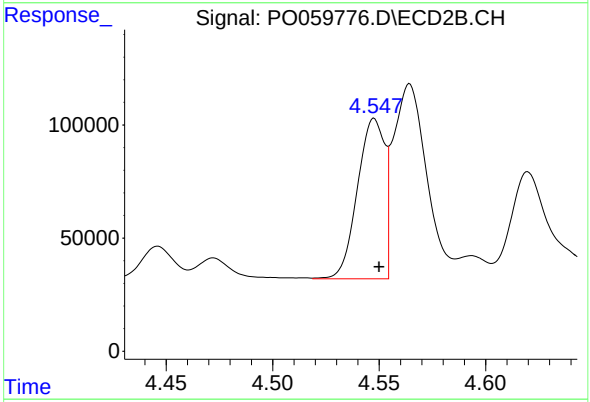
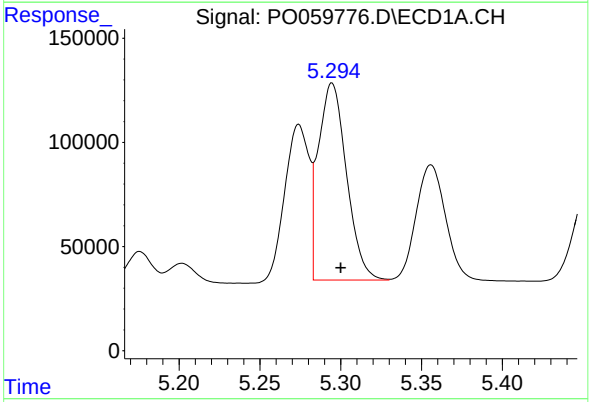


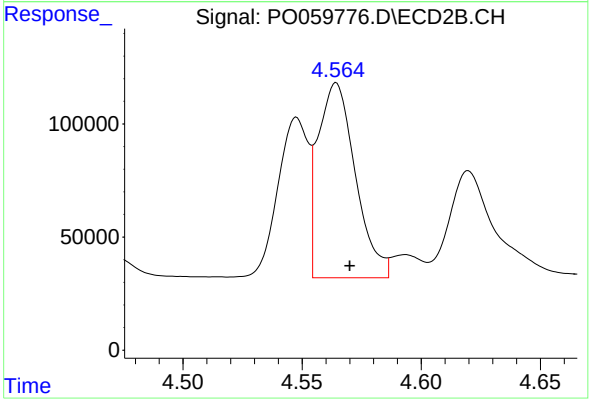
#3 AR-1016-1

R.T.: 4.548 min
Delta R.T.: -0.002 min
Response: 629880
Conc: 465.91 ng/ml



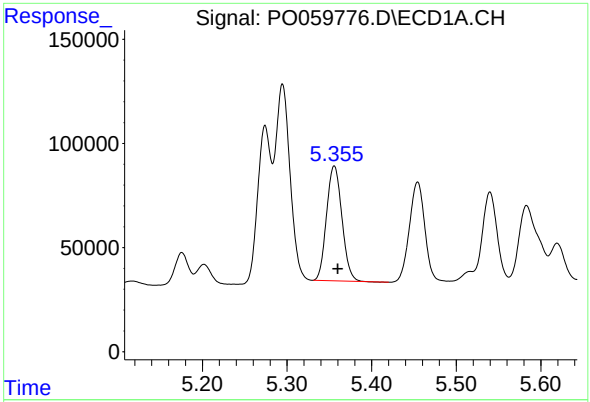
#4 AR-1016-2

R.T.: 5.294 min
Delta R.T.: -0.006 min
Response: 1131445
Conc: 472.91 ng/ml m



#4 AR-1016-2

R.T.: 4.564 min
Delta R.T.: -0.006 min
Response: 939791
Conc: 469.19 ng/ml



#5 AR-1016-3

R.T.: 5.356 min
Delta R.T.: -0.004 min
Response: 696721
Conc: 467.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED
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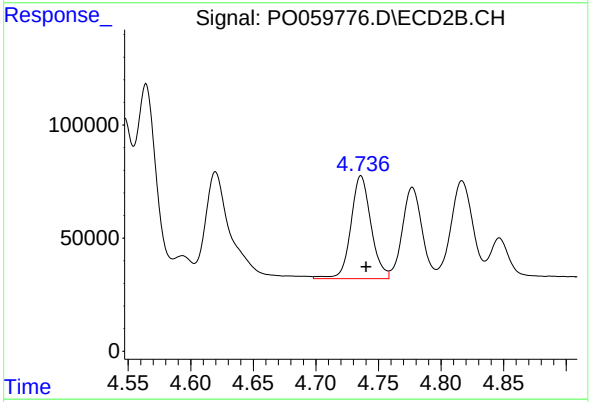
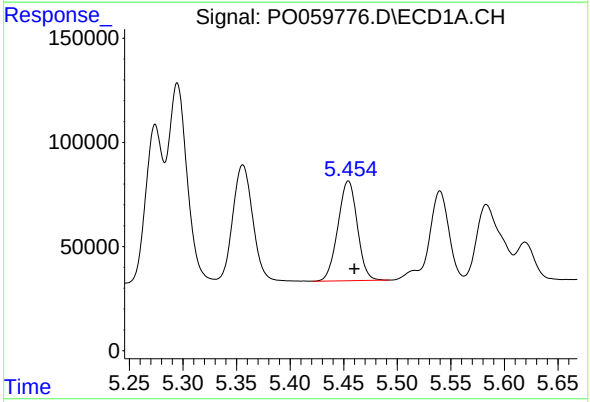


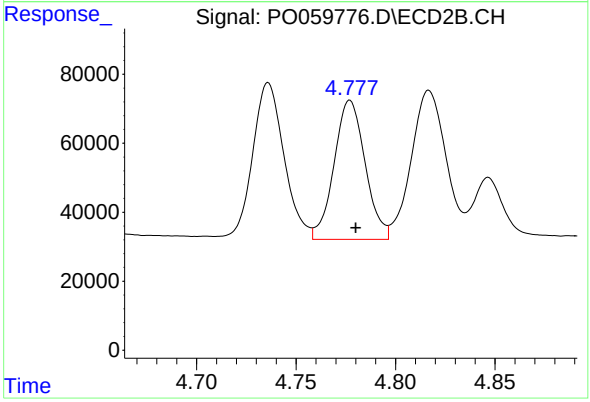
#5 AR-1016-3

R.T.: 4.736 min
Delta R.T.: -0.004 min
Response: 509329
Conc: 470.79 ng/ml



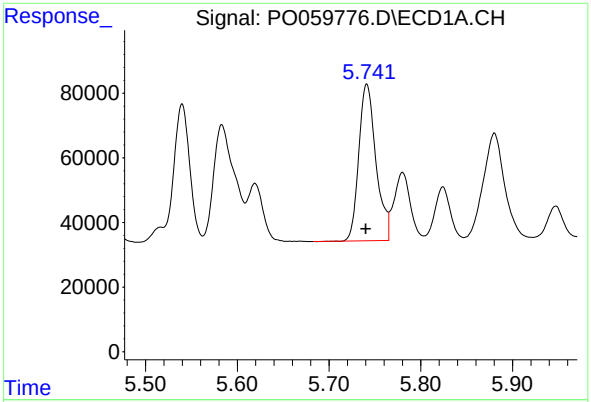
#6 AR-1016-4

R.T.: 5.454 min
Delta R.T.: -0.006 min
Response: 604874
Conc: 500.00 ng/ml m



#6 AR-1016-4

R.T.: 4.777 min
Delta R.T.: -0.003 min
Response: 439322
Conc: 486.52 ng/ml



#7 AR-1016-5

R.T.: 5.741 min
Delta R.T.: 0.001 min
Response: 630729
Conc: 491.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

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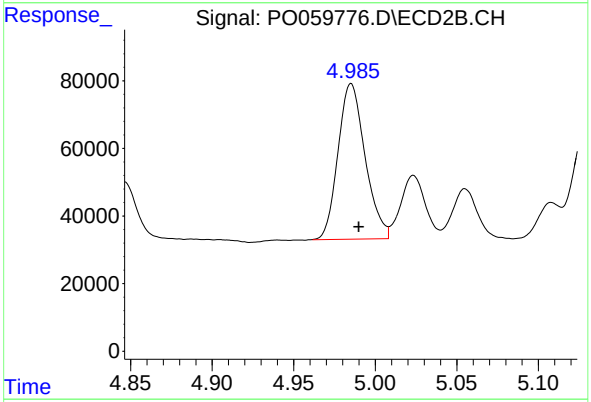
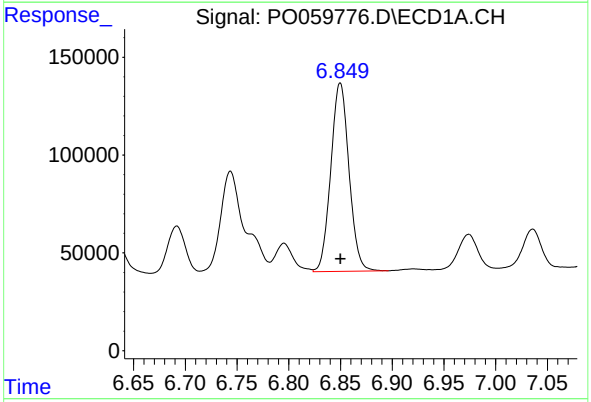


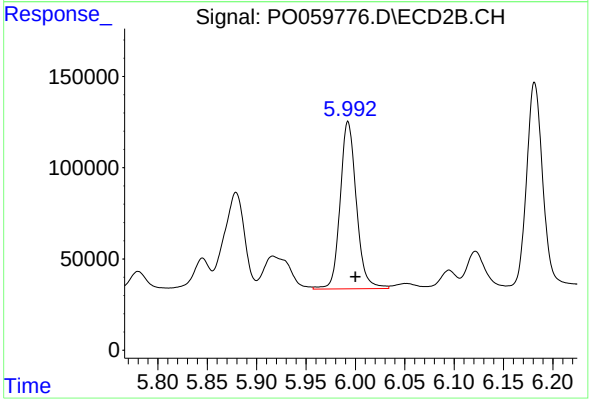
#7 AR-1016-5

R.T.: 4.985 min
Delta R.T.: -0.005 min
Response: 534377
Conc: 463.90 ng/ml m



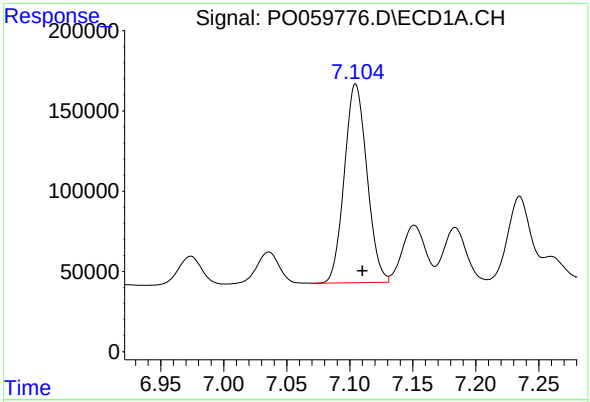
#31 AR-1260-1

R.T.: 6.850 min
Delta R.T.: 0.000 min
Response: 1180581
Conc: 437.93 ng/ml



#31 AR-1260-1

R.T.: 5.993 min
Delta R.T.: -0.007 min
Response: 1049823
Conc: 460.67 ng/ml



#32 AR-1260-2

R.T.: 7.105 min
Delta R.T.: -0.005 min
Response: 1544134
Conc: 416.15 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

Manual Integrations APPROVED
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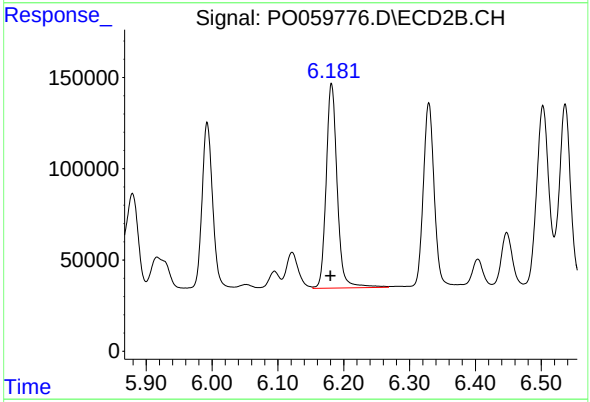
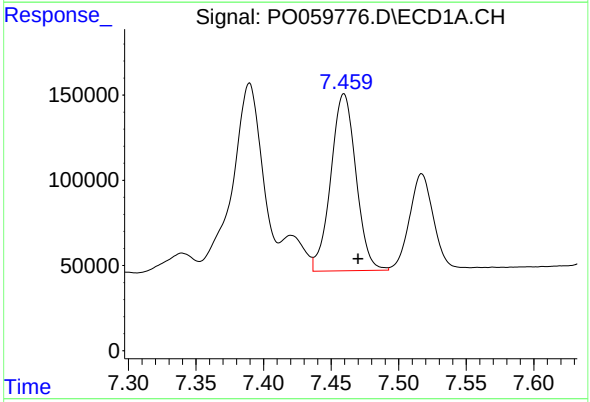


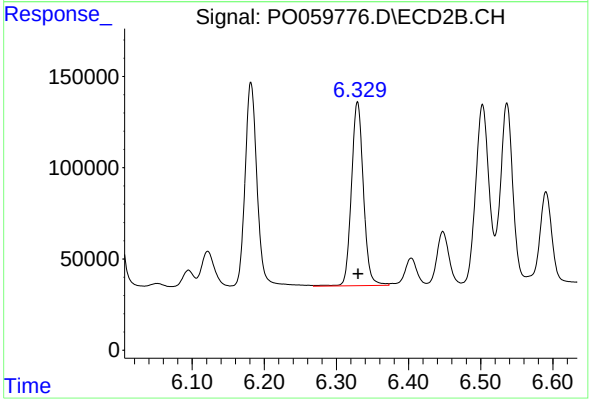
#32 AR-1260-2

R.T.: 6.181 min
Delta R.T.: 0.001 min
Response: 1304819
Conc: 445.35 ng/ml



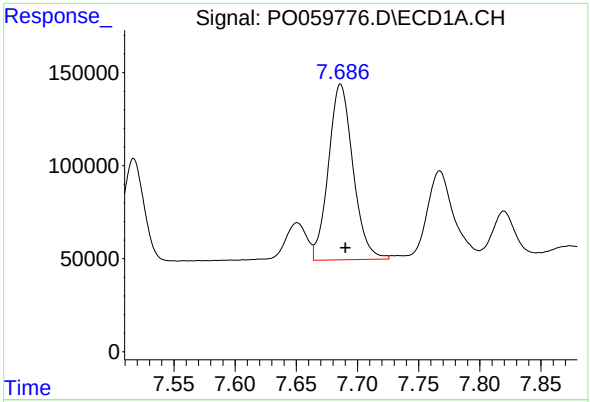
#33 AR-1260-3

R.T.: 7.460 min
Delta R.T.: -0.010 min
Response: 1344710
Conc: 410.43 ng/ml



#33 AR-1260-3

R.T.: 6.329 min
Delta R.T.: 0.000 min
Response: 1159177
Conc: 437.57 ng/ml



#34 AR-1260-4

R.T.: 7.686 min
Delta R.T.: -0.004 min
Response: 1318910
Conc: 429.43 ng/ml

Instrument :
ECD_O
ClientSampleId :
AR1660CCC500

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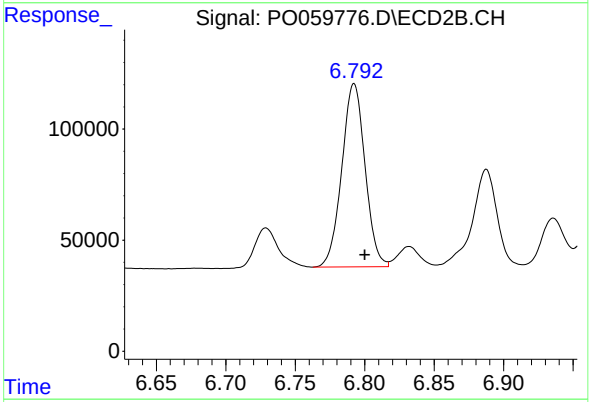
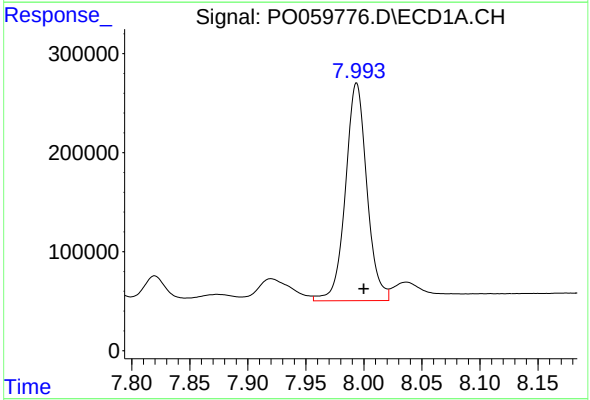


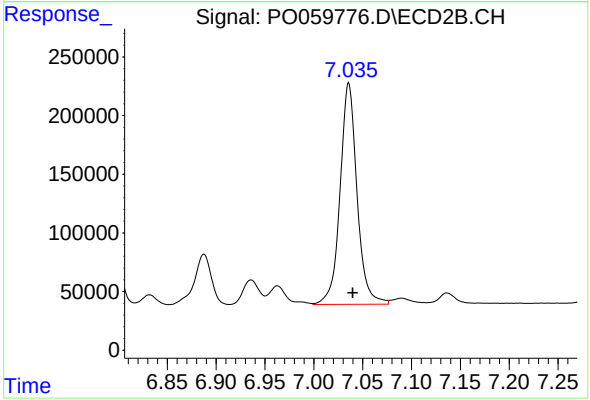
#34 AR-1260-4

R.T.: 6.792 min
Delta R.T.: -0.008 min
Response: 960231
Conc: 424.40 ng/ml



#35 AR-1260-5

R.T.: 7.993 min
Delta R.T.: -0.007 min
Response: 2832833
Conc: 400.07 ng/ml m



#35 AR-1260-5

R.T.: 7.036 min
Delta R.T.: -0.004 min
Response: 2281233
Conc: 414.52 ng/ml