Quantitation Report (QT Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO080423\
Data File : PO096691.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 04 Aug 2023 13:33
Operator : YP/AJ
Sample : PB154634BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
ECD_O
ClientSampleId :
PB154634BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/07/2023
Supervised By :Ankita Jodhani 08/07/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 05 00:13:45 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO072723.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Jul 28 01:38:03 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...	4.404	3.621	66379905	24144148	19.867m	17.044
2)	SA Decachlor...	10.232	8.643	47688089	24822646	21.554m	21.102m
	Target Compounds						
3)	L1 AR-1016-1	5.586	4.707	48061931	20121101	512.792m	445.173
4)	L1 AR-1016-2	5.609	4.726	62877951	28154534	471.283m	448.209
5)	L1 AR-1016-3	5.671	4.902	41352304	15119810	497.992m	442.889m
6)	L1 AR-1016-4	5.771	4.945	32356572	13122164	476.320m	449.524
7)	L1 AR-1016-5	6.069	5.158	33629176	16548853	469.692m	435.350m
31)	L7 AR-1260-1	7.206	6.195	59378776	31901006	456.351	437.762
32)	L7 AR-1260-2	7.464	6.384	64383105	37612317	469.941	434.916
33)	L7 AR-1260-3	7.750	6.537	75382185	34810632	493.043	434.962
34)	L7 AR-1260-4	8.054	7.012	51165349	26110216	420.189	399.848
35)	L7 AR-1260-5	8.378	7.255	89793005	57968650	408.283	409.078

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

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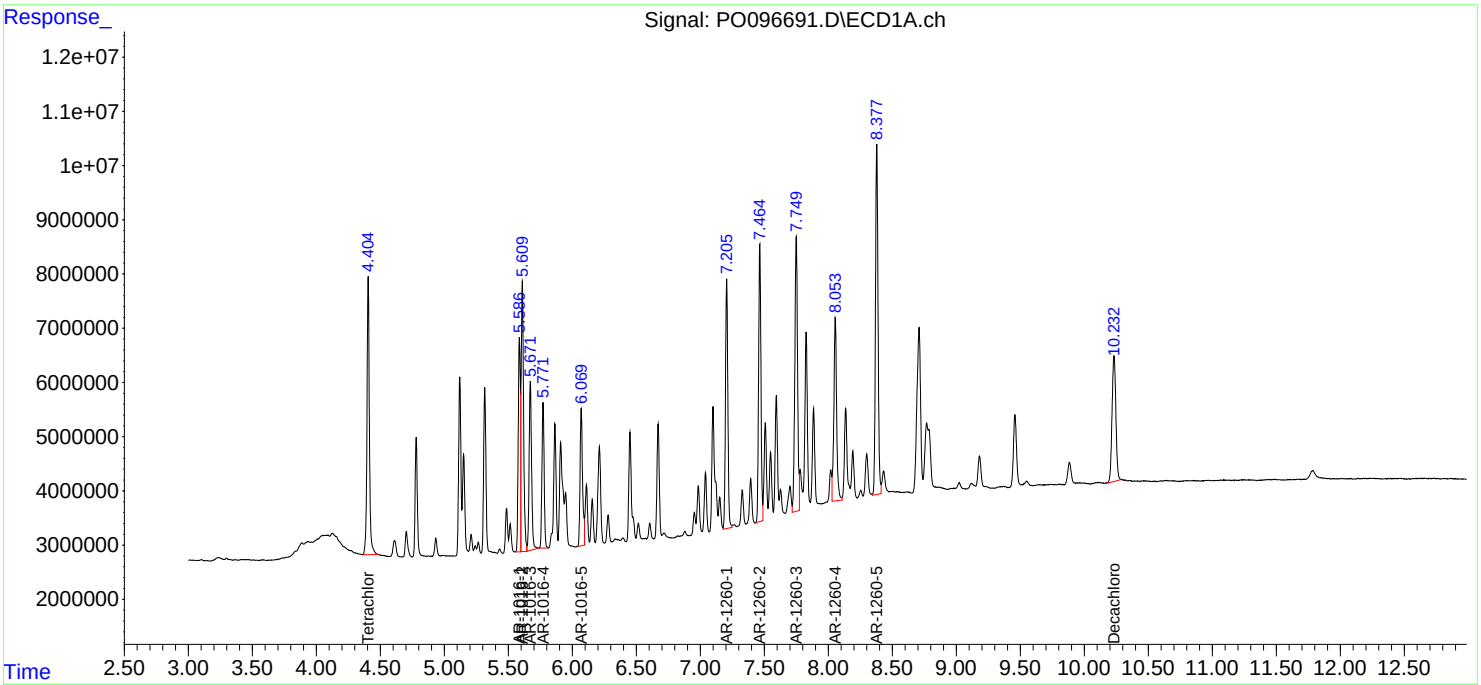

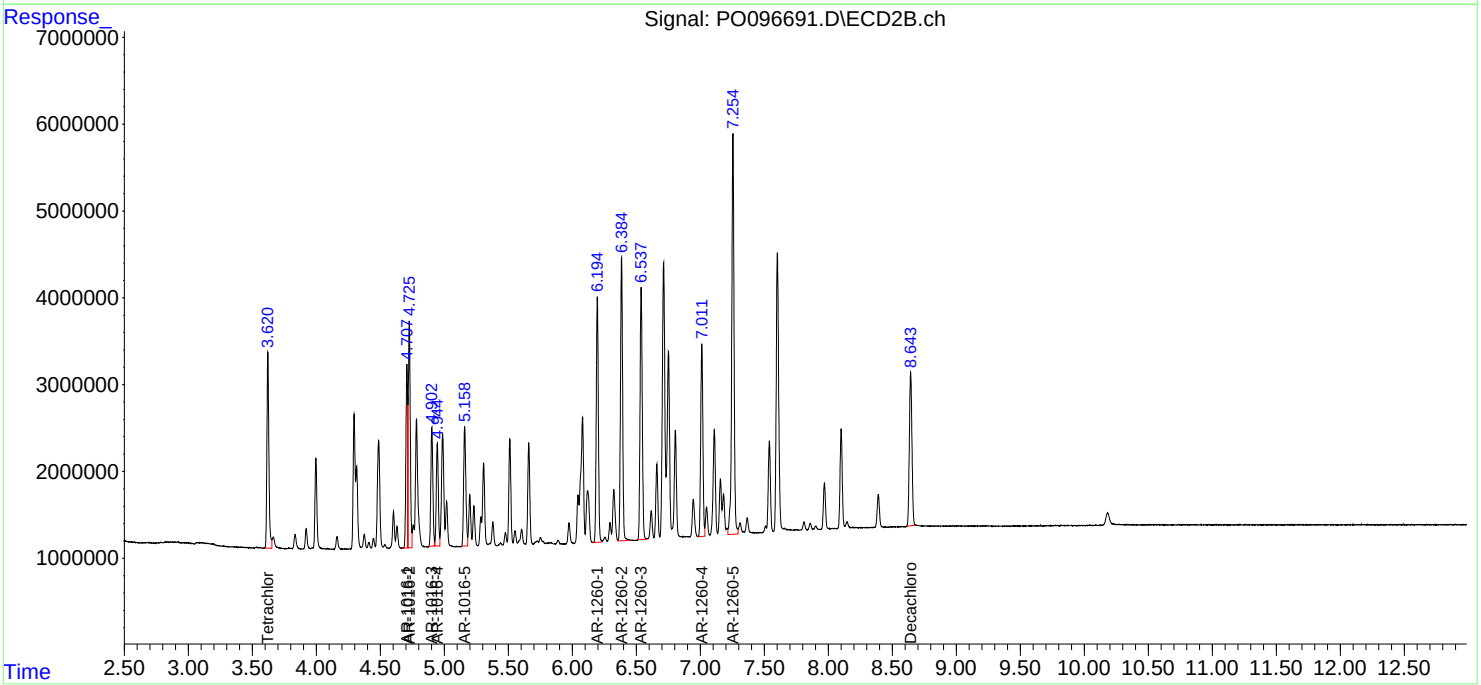

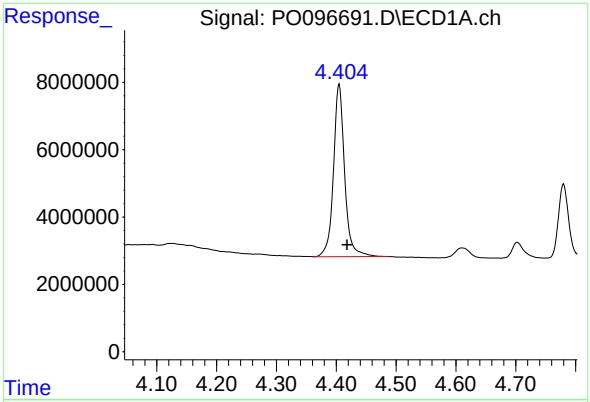

#1 Tetrachloro-m-xylene

R.T.: 4.404 min
Delta R.T.: -0.014 min
Response: 66379905
Conc: 19.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB154634BS

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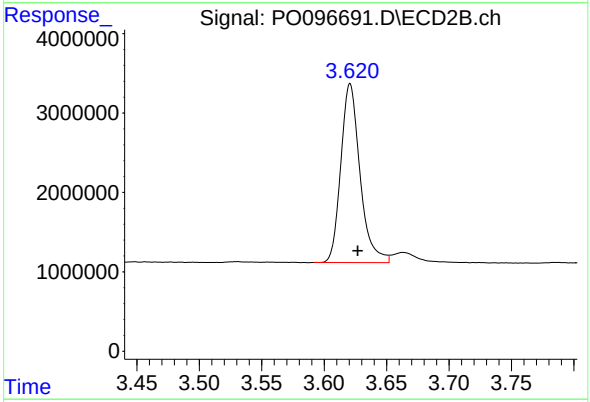
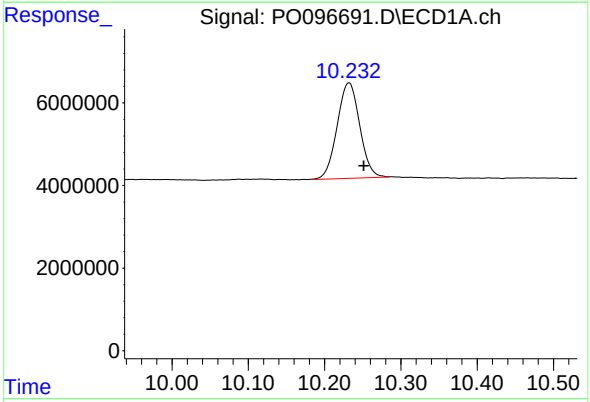


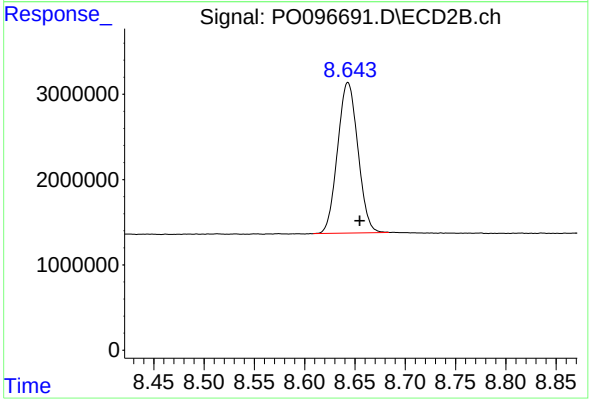
#1 Tetrachloro-m-xylene

R.T.: 3.621 min
Delta R.T.: -0.006 min
Response: 24144148
Conc: 17.04 ng/ml



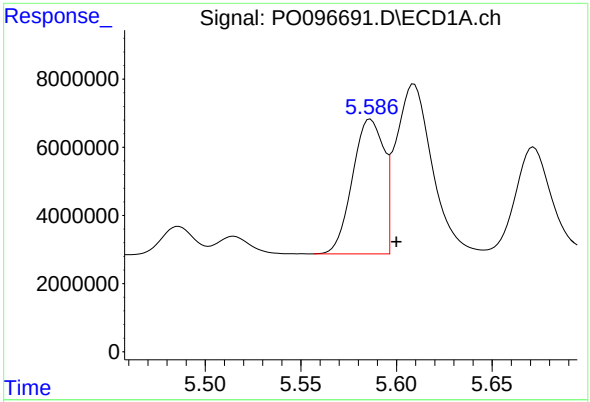
#2 Decachlorobiphenyl

R.T.: 10.232 min
Delta R.T.: -0.020 min
Response: 47688089
Conc: 21.55 ng/ml m



#2 Decachlorobiphenyl

R.T.: 8.643 min
Delta R.T.: -0.012 min
Response: 24822646
Conc: 21.10 ng/ml m



#3 AR-1016-1

R.T.: 5.586 min
Delta R.T.: -0.014 min
Response: 48061931
Conc: 512.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB154634BS

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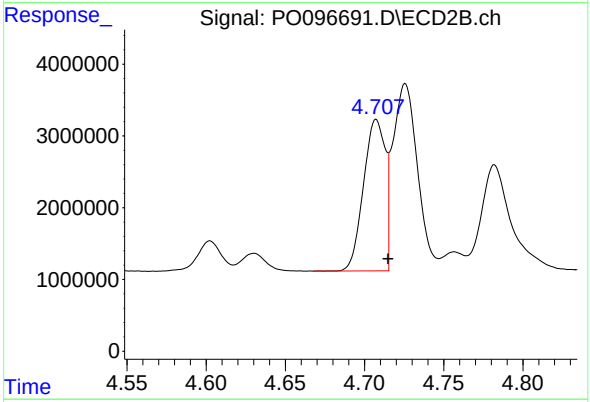
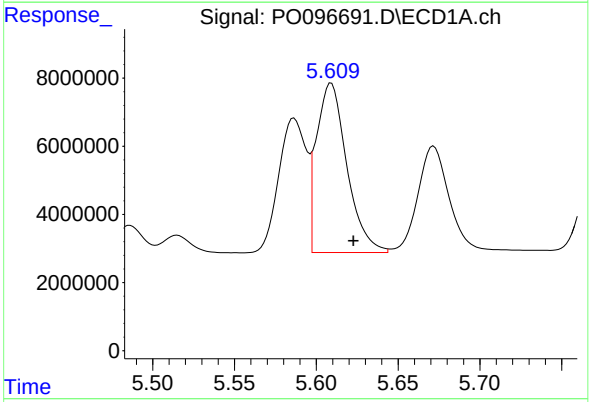


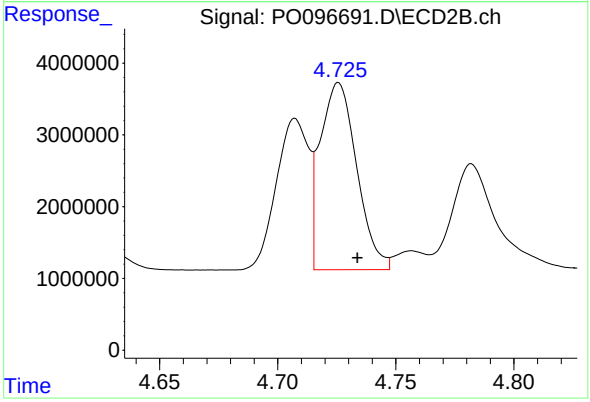
#3 AR-1016-1

R.T.: 4.707 min
Delta R.T.: -0.007 min
Response: 20121101
Conc: 445.17 ng/ml



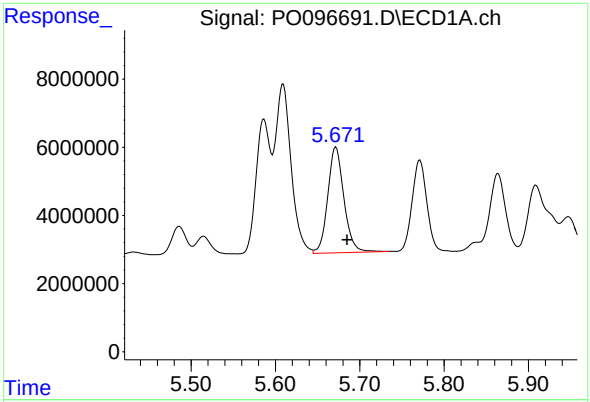
#4 AR-1016-2

R.T.: 5.609 min
Delta R.T.: -0.014 min
Response: 62877951
Conc: 471.28 ng/ml m



#4 AR-1016-2

R.T.: 4.726 min
Delta R.T.: -0.008 min
Response: 28154534
Conc: 448.21 ng/ml



#5 AR-1016-3

R.T.: 5.671 min
Delta R.T.: -0.014 min
Response: 41352304
Conc: 497.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB154634BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/07/2023
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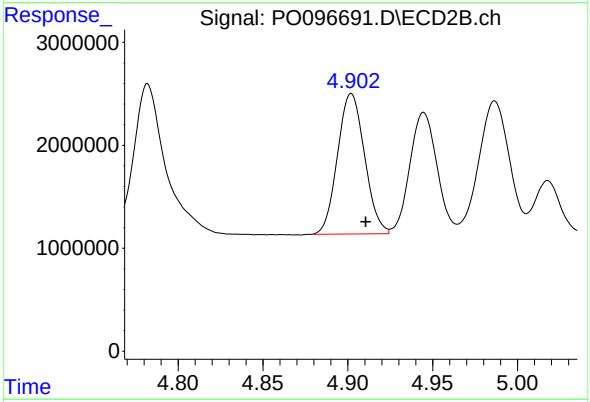
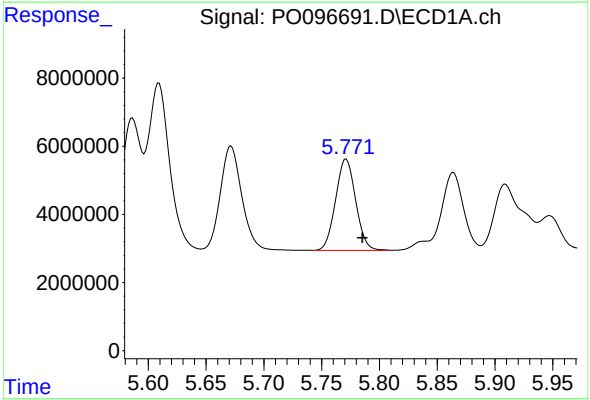


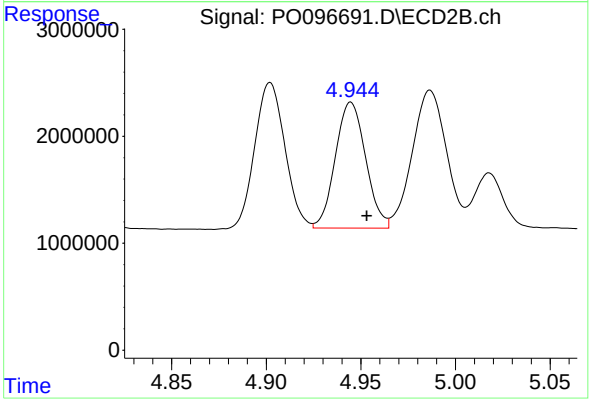
#5 AR-1016-3

R.T.: 4.902 min
Delta R.T.: -0.009 min
Response: 15119810
Conc: 442.89 ng/ml m



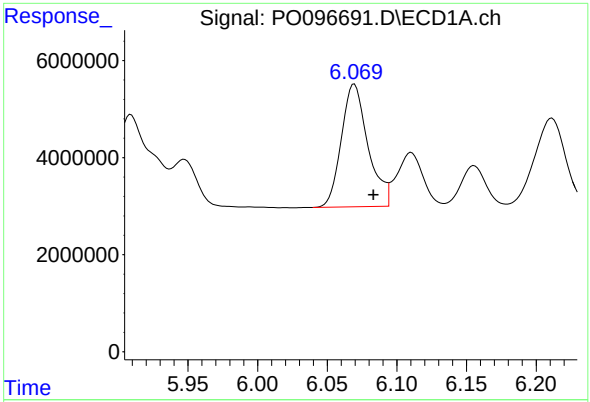
#6 AR-1016-4

R.T.: 5.771 min
Delta R.T.: -0.014 min
Response: 32356572
Conc: 476.32 ng/ml m



#6 AR-1016-4

R.T.: 4.945 min
Delta R.T.: -0.008 min
Response: 13122164
Conc: 449.52 ng/ml



#7 AR-1016-5

R.T.: 6.069 min
Delta R.T.: -0.014 min
Response: 33629176
Conc: 469.69 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB154634BS

Manual Integrations
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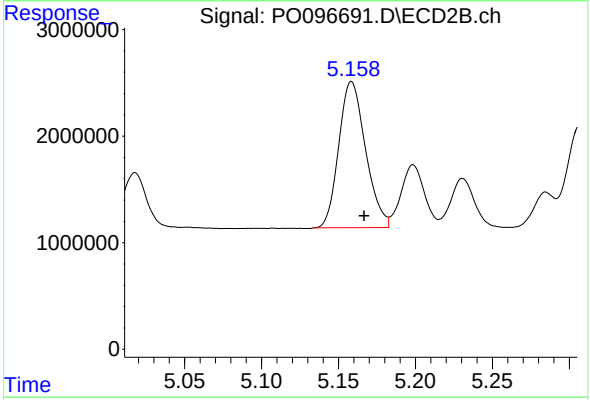
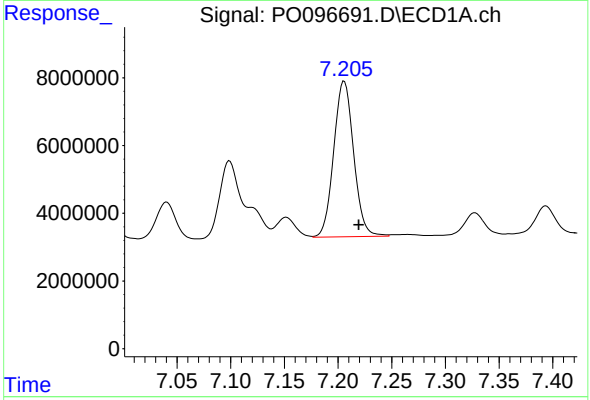


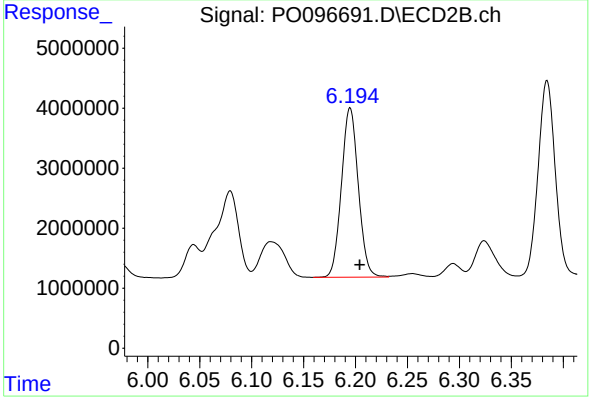
#7 AR-1016-5

R.T.: 5.158 min
Delta R.T.: -0.009 min
Response: 16548853
Conc: 435.35 ng/ml m



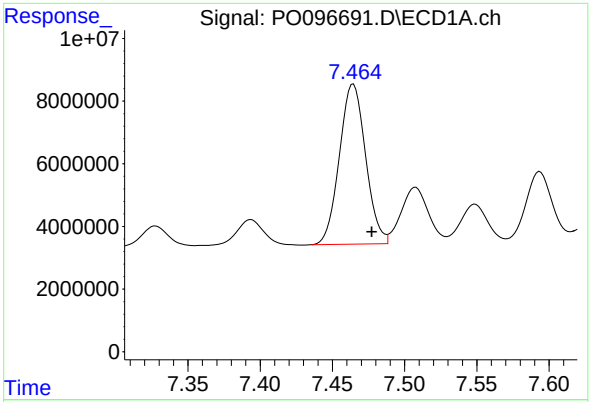
#31 AR-1260-1

R.T.: 7.206 min
Delta R.T.: -0.014 min
Response: 59378776
Conc: 456.35 ng/ml



#31 AR-1260-1

R.T.: 6.195 min
Delta R.T.: -0.009 min
Response: 31901006
Conc: 437.76 ng/ml



#32 AR-1260-2

R.T.: 7.464 min
Delta R.T.: -0.013 min
Response: 64383105
Conc: 469.94 ng/ml

Instrument :
ECD_O
ClientSampleId :
PB154634BS

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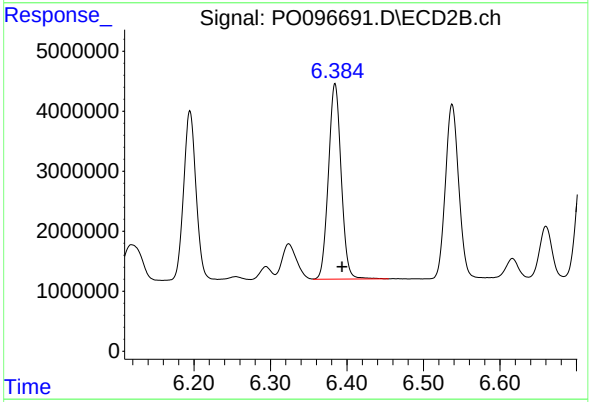
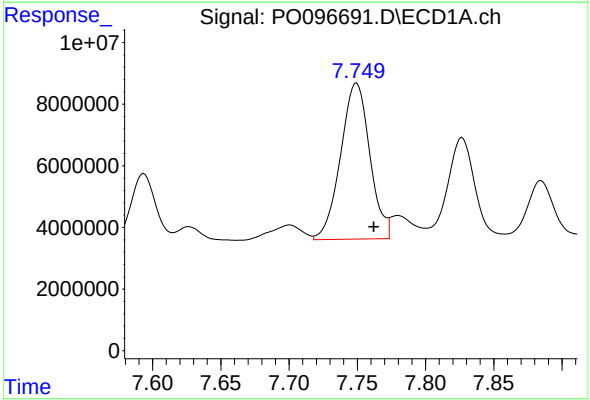


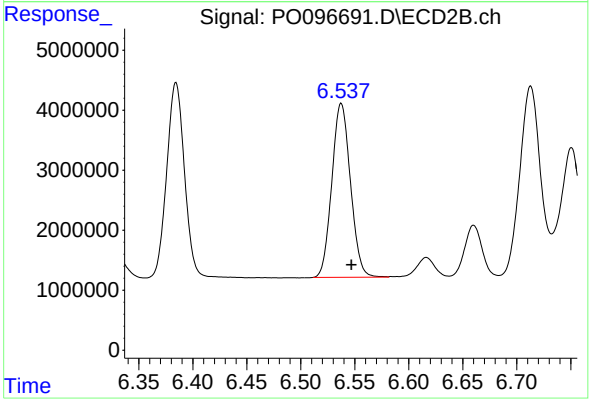
#32 AR-1260-2

R.T.: 6.384 min
Delta R.T.: -0.009 min
Response: 37612317
Conc: 434.92 ng/ml



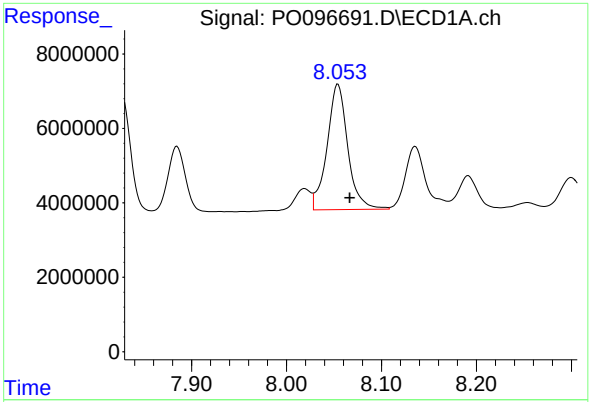
#33 AR-1260-3

R.T.: 7.750 min
Delta R.T.: -0.013 min
Response: 75382185
Conc: 493.04 ng/ml



#33 AR-1260-3

R.T.: 6.537 min
Delta R.T.: -0.010 min
Response: 34810632
Conc: 434.96 ng/ml



#34 AR-1260-4

R.T.: 8.054 min
Delta R.T.: -0.012 min
Response: 51165349
Conc: 420.19 ng/ml

Instrument :
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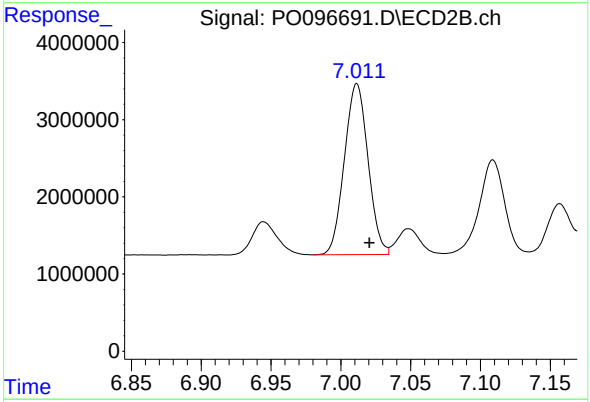
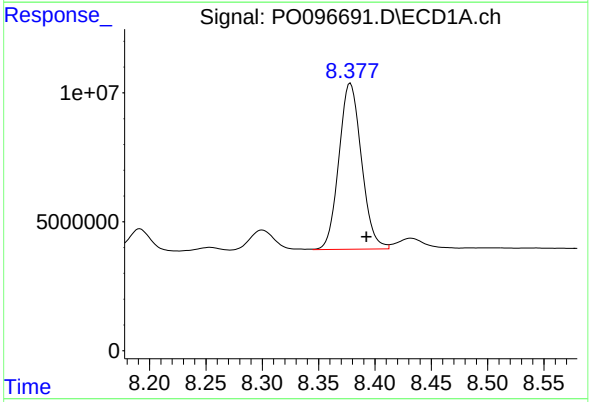


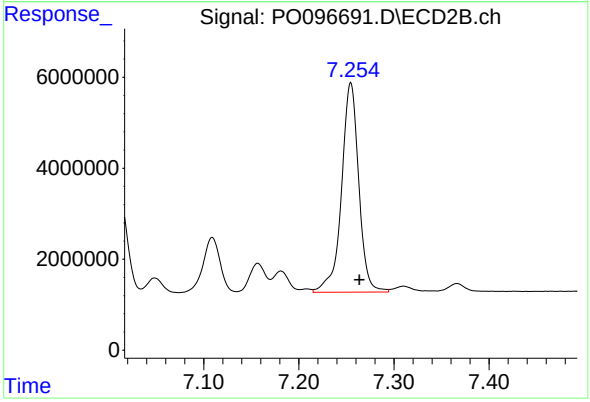
#34 AR-1260-4

R.T.: 7.012 min
Delta R.T.: -0.009 min
Response: 26110216
Conc: 399.85 ng/ml



#35 AR-1260-5

R.T.: 8.378 min
Delta R.T.: -0.014 min
Response: 89793005
Conc: 408.28 ng/ml



#35 AR-1260-5

R.T.: 7.255 min
Delta R.T.: -0.009 min
Response: 57968650
Conc: 409.08 ng/ml