

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ050419\
 Data File : PQ039421.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 May 2019 01:53
 Operator : AJ\SJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1660308

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 04 03:06:08 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050219CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 02 08:13:50 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	5.691	4.789	71524011	41161121	23.606	24.836
2)	SA Decachlor...	12.082	10.542	259.7E6	138.3E6	42.509	40.988
Target Compounds							
3)	L1 AR-1016-1	7.139	6.239	80897108	54323984	461.677	488.079
4)	L1 AR-1016-2	7.164	6.261	122.1E6	78773765	464.056	488.908
5)	L1 AR-1016-3	7.235	6.475	75924860	42346167	456.156	506.578
6)	L1 AR-1016-4	7.348	6.528	61971606	32989082	452.437	494.582
7)	L1 AR-1016-5	7.681	6.781	64169482	45456212	460.598	464.583
8)	L2 AR-1221-1	5.967	5.093	6326617	4659930	159.773	204.674 #
9)	L2 AR-1221-2	6.081	5.212	8476403	5169319	293.808	315.183
10)	L2 AR-1221-3	6.177	5.315	39675668	22564654	396.801	396.318
11)	L3 AR-1232-1	6.177	5.315	39675668	22564654	592.592	606.636
12)	L3 AR-1232-2	6.822	6.261	57333642	78773765	1625.299	1818.523
13)	L3 AR-1232-3	7.164	6.475	122.1E6	42346167	1662.589	1895.989
14)	L3 AR-1232-4	7.348	6.578	61971606	42318241	1586.898	1934.273
15)	L3 AR-1232-5	7.452	6.781	55012820	45456212	1960.406	1804.222
16)	L4 AR-1242-1	7.139	6.239	80897108	54323984	733.367	782.752
17)	L4 AR-1242-2	7.164	6.261	122.1E6	78773765	741.909	789.518
18)	L4 AR-1242-3	7.235	6.475	75924860	42346167	719.462	788.708
19)	L4 AR-1242-4	7.348	6.578	61971606	42318241	695.256	758.985
20)	L4 AR-1242-5	8.170	7.190	19748221	48771053	202.244	644.018 #
21)	L5 AR-1248-1	7.139	6.239	80897108	54323984	688.151	698.205
22)	L5 AR-1248-2	7.452	6.528	55012820	32989082	335.799	305.688
23)	L5 AR-1248-3	7.681	6.578	64169482	42318241	329.348	373.660
24)	L5 AR-1248-4	8.128	6.781	22391901	45456212	103.706	322.237 #
25)	L5 AR-1248-5	8.170	7.236	19748221	12121652	92.765	85.934
26)	L6 AR-1254-1	8.098	7.190	60686495	48771053	301.323	246.387
27)	L6 AR-1254-2	8.335	7.357	55464355	38570652	174.232	218.699 #
28)	L6 AR-1254-3	8.731	7.820	27839827	71189987	81.688	238.506 #
29)	L6 AR-1254-4	9.031	8.054	19551995	5779226	82.613	33.300 #
30)	L6 AR-1254-5	9.471	8.499	236.6E6	152.6E6	867.719	594.716 #
31)	L7 AR-1260-1	8.903	7.946	143.6E6	109.5E6	436.232	463.496
32)	L7 AR-1260-2	9.173	8.149	175.4E6	137.2E6	443.461	463.908
33)	L7 AR-1260-3	9.547	8.314	137.9E6	128.3E6	448.474	460.167
34)	L7 AR-1260-4	9.791	8.811	162.6E6	108.0E6	448.370	455.056
35)	L7 AR-1260-5	10.137	9.063	334.9E6	267.0E6	439.930	446.486
36)	L8 AR-1262-1	9.547	8.537	137.9E6	114.4E6	402.527	414.128
37)	L8 AR-1262-2	10.137	9.063	334.9E6	267.0E6	548.815	545.738
38)	L8 AR-1262-3	10.492	9.356	215.7E6	54319481	512.106	291.530 #
39)	L8 AR-1262-4	10.552	9.423	146.7E6	195.8E6	429.617	544.275 #
40)	L8 AR-1262-5	11.278	9.949	99928526	62300541	444.548	411.635
41)	L9 AR-1268-1	10.492	9.356	215.7E6	54319481	155.054	51.638 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ050419\
 Data File : PQ039421.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 04 May 2019 01:53
 Operator : AJ\SJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

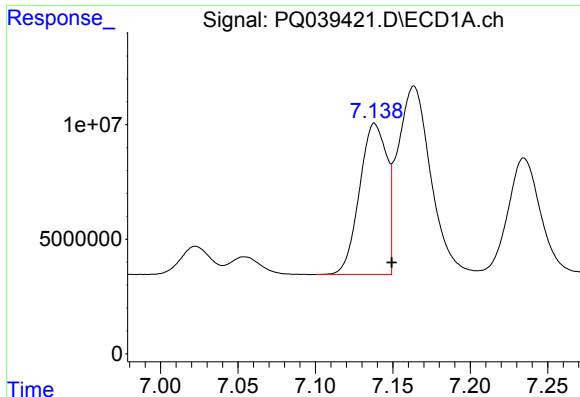
Instrument :
 ECD_Q
 ClientSampleId :
 AR1660308

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 04 03:06:08 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ050219CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu May 02 08:13:50 2019
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 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	10.552	9.423	146.7E6	195.8E6	109.216	201.854 #
43) L9	AR-1268-3	10.815	9.636	6102805	3548207	5.255	4.304
44) L9	AR-1268-4	11.278	9.949	99928526	62300541	233.405	208.273
45) L9	AR-1268-5	11.721	10.266	27429801	15078188	7.191	6.076

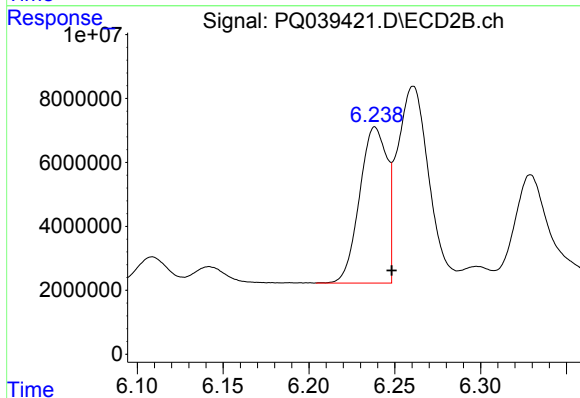
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

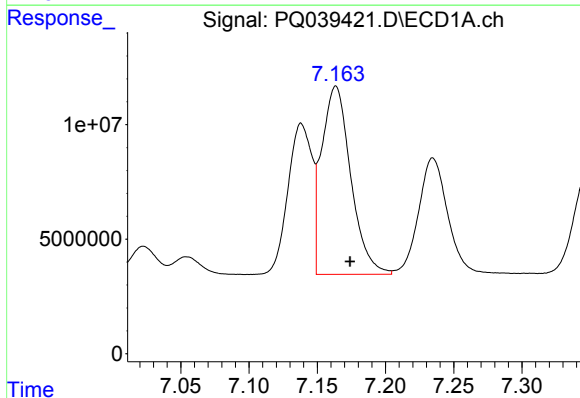
R.T.: 7.139 min
Delta R.T.: -0.011 min
Response: 80897108
Conc: 461.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660308



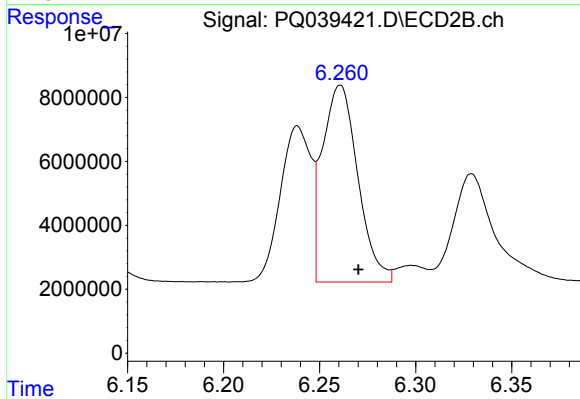
#3 AR-1016-1

R.T.: 6.239 min
Delta R.T.: -0.010 min
Response: 54323984
Conc: 488.08 ng/ml



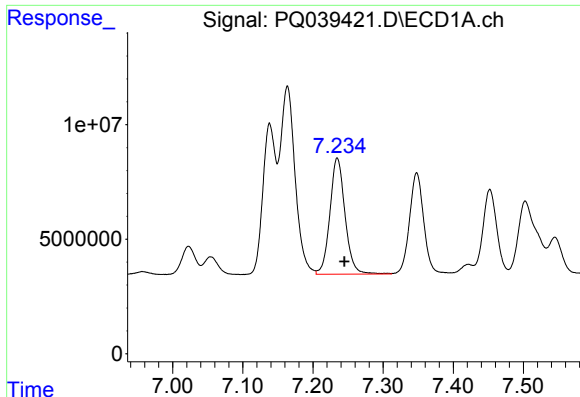
#4 AR-1016-2

R.T.: 7.164 min
Delta R.T.: -0.011 min
Response: 122065070
Conc: 464.06 ng/ml



#4 AR-1016-2

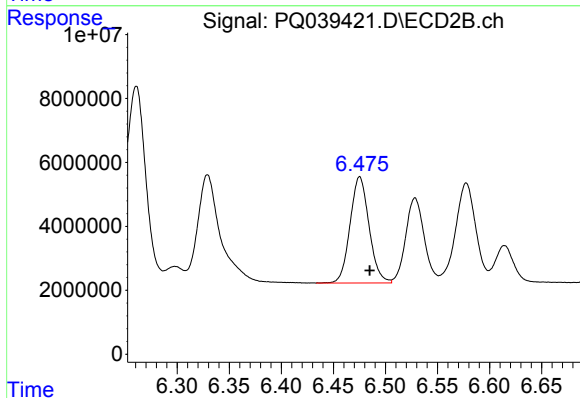
R.T.: 6.261 min
Delta R.T.: -0.010 min
Response: 78773765
Conc: 488.91 ng/ml



#5 AR-1016-3

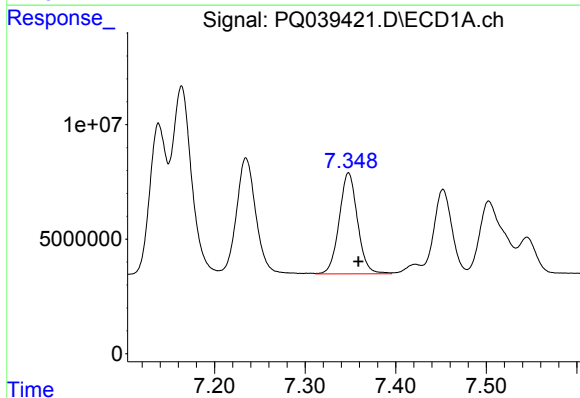
R.T.: 7.235 min
Delta R.T.: -0.010 min
Response: 75924860
Conc: 456.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660308



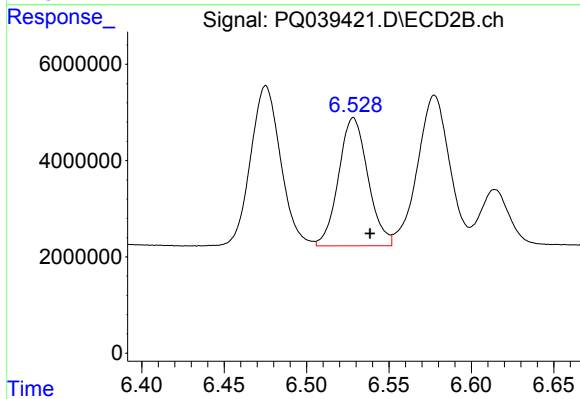
#5 AR-1016-3

R.T.: 6.475 min
Delta R.T.: -0.010 min
Response: 42346167
Conc: 506.58 ng/ml



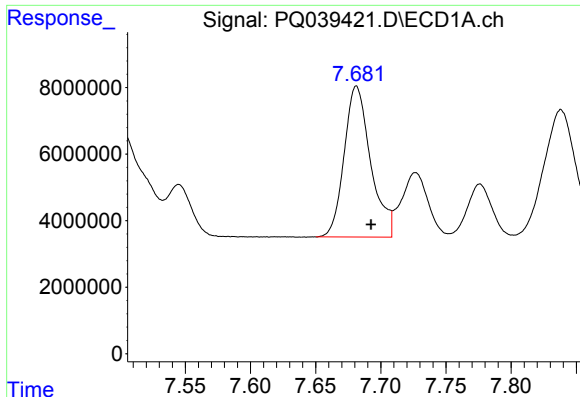
#6 AR-1016-4

R.T.: 7.348 min
Delta R.T.: -0.011 min
Response: 61971606
Conc: 452.44 ng/ml



#6 AR-1016-4

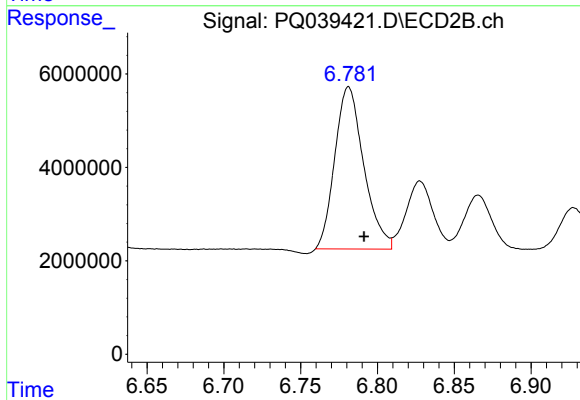
R.T.: 6.528 min
Delta R.T.: -0.010 min
Response: 32989082
Conc: 494.58 ng/ml



#7 AR-1016-5

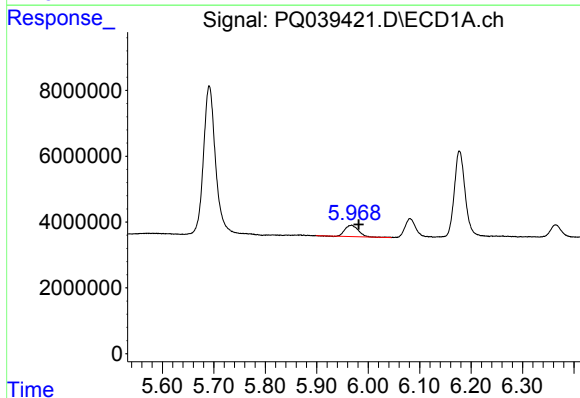
R.T.: 7.681 min
Delta R.T.: -0.011 min
Response: 64169482
Conc: 460.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660308



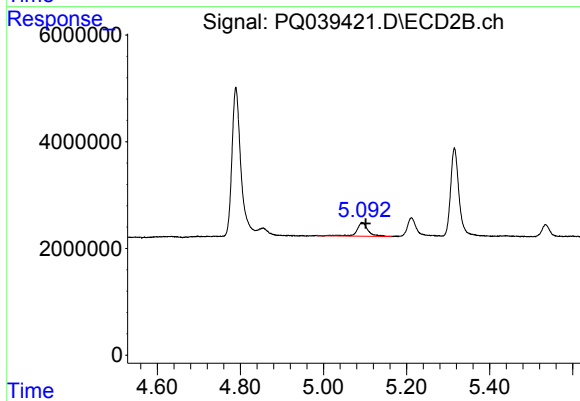
#7 AR-1016-5

R.T.: 6.781 min
Delta R.T.: -0.010 min
Response: 45456212
Conc: 464.58 ng/ml



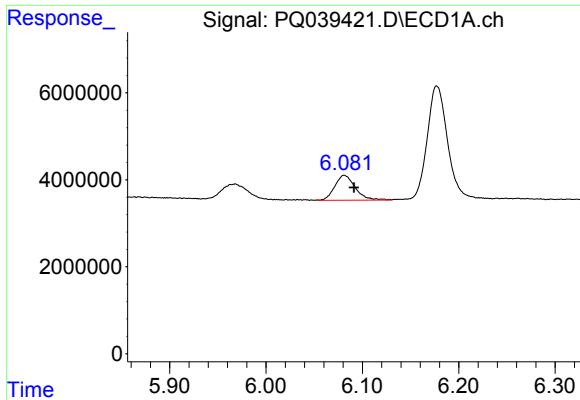
#8 AR-1221-1

R.T.: 5.967 min
Delta R.T.: -0.015 min
Response: 6326617
Conc: 159.77 ng/ml



#8 AR-1221-1

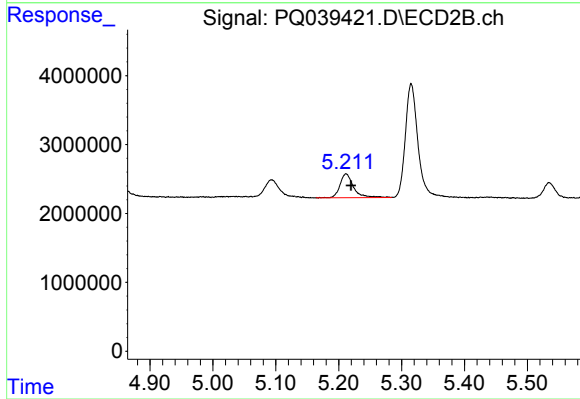
R.T.: 5.093 min
Delta R.T.: -0.008 min
Response: 4659930
Conc: 204.67 ng/ml



#9 AR-1221-2

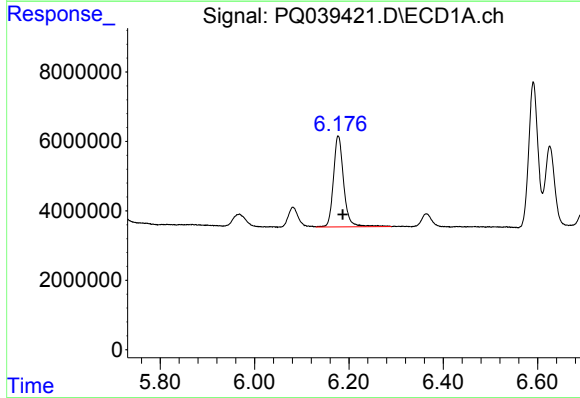
R.T.: 6.081 min
Delta R.T.: -0.010 min
Response: 8476403
Conc: 293.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660308



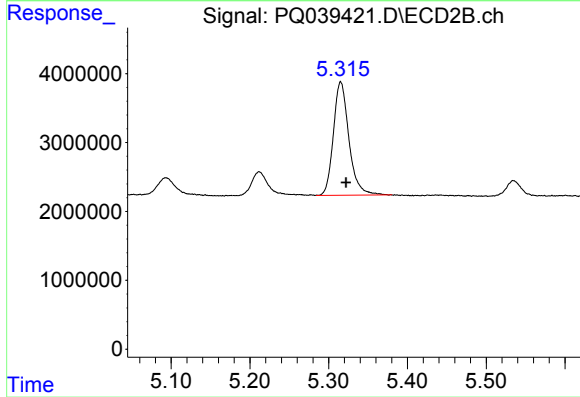
#9 AR-1221-2

R.T.: 5.212 min
Delta R.T.: -0.008 min
Response: 5169319
Conc: 315.18 ng/ml



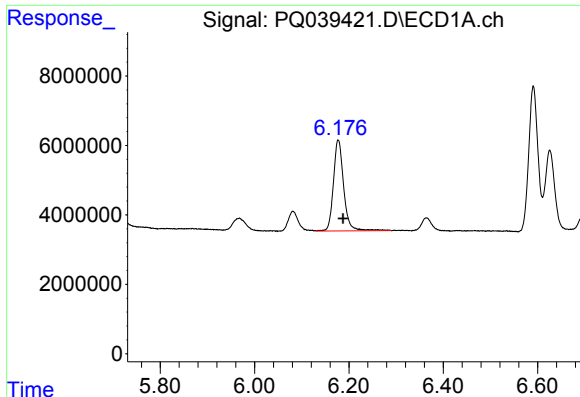
#10 AR-1221-3

R.T.: 6.177 min
Delta R.T.: -0.010 min
Response: 39675668
Conc: 396.80 ng/ml



#10 AR-1221-3

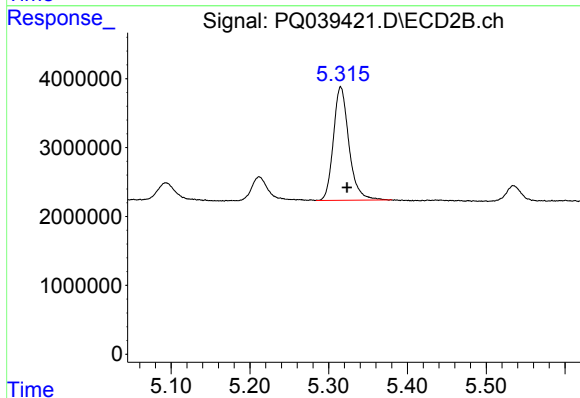
R.T.: 5.315 min
Delta R.T.: -0.007 min
Response: 22564654
Conc: 396.32 ng/ml



#11 AR-1232-1

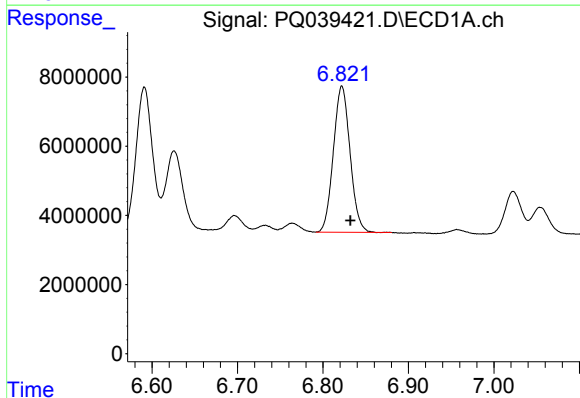
R.T.: 6.177 min
Delta R.T.: -0.010 min
Response: 39675668
Conc: 592.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660308



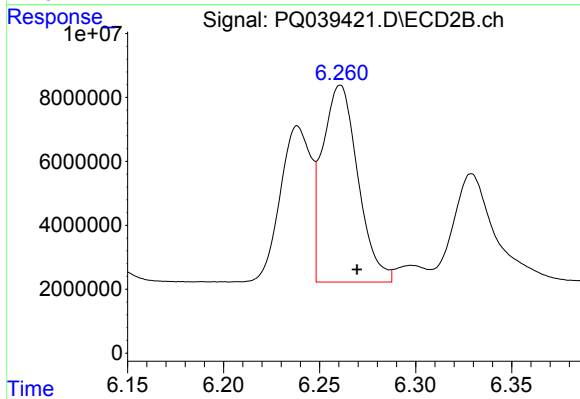
#11 AR-1232-1

R.T.: 5.315 min
Delta R.T.: -0.008 min
Response: 22564654
Conc: 606.64 ng/ml



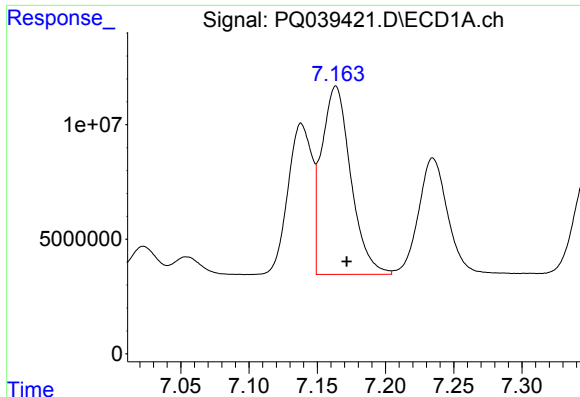
#12 AR-1232-2

R.T.: 6.822 min
Delta R.T.: -0.010 min
Response: 57333642
Conc: 1625.30 ng/ml



#12 AR-1232-2

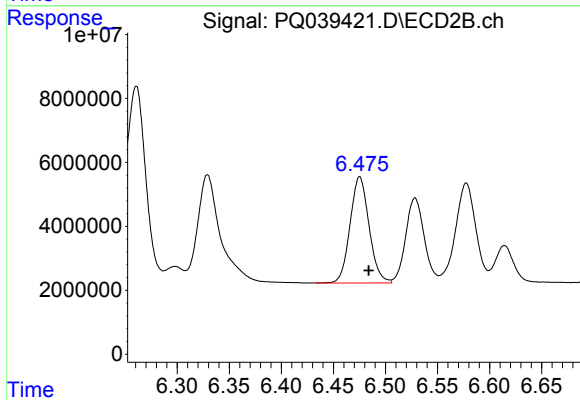
R.T.: 6.261 min
Delta R.T.: -0.009 min
Response: 78773765
Conc: 1818.52 ng/ml



#13 AR-1232-3

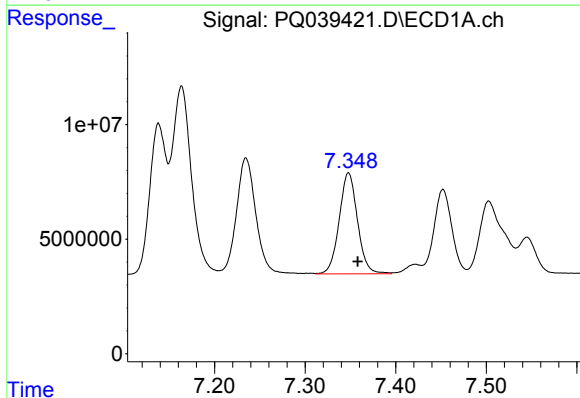
R.T.: 7.164 min
Delta R.T.: -0.008 min
Response: 122065070
Conc: 1662.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660308



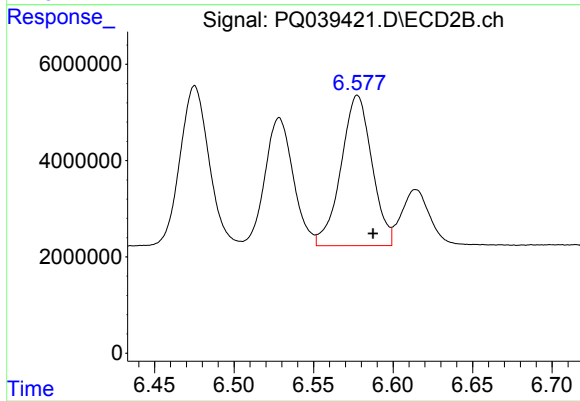
#13 AR-1232-3

R.T.: 6.475 min
Delta R.T.: -0.009 min
Response: 42346167
Conc: 1895.99 ng/ml



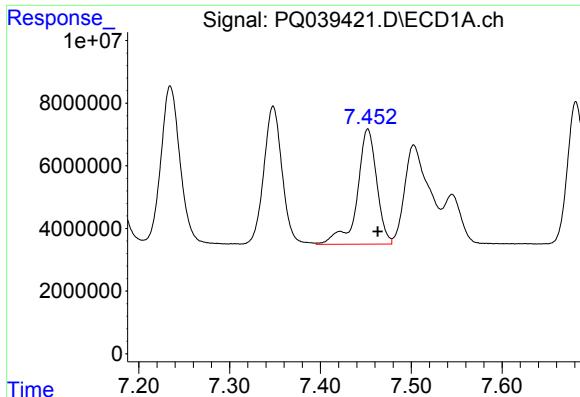
#14 AR-1232-4

R.T.: 7.348 min
Delta R.T.: -0.010 min
Response: 61971606
Conc: 1586.90 ng/ml



#14 AR-1232-4

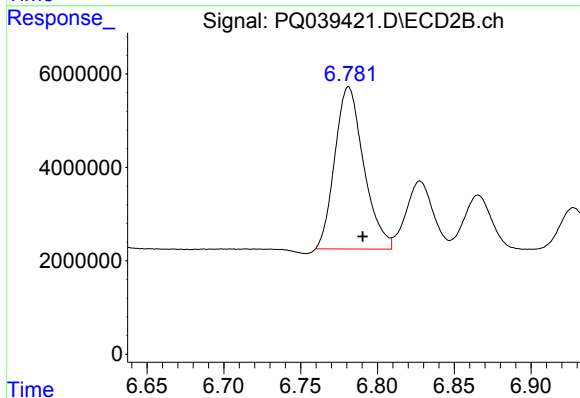
R.T.: 6.578 min
Delta R.T.: -0.010 min
Response: 42318241
Conc: 1934.27 ng/ml



#15 AR-1232-5

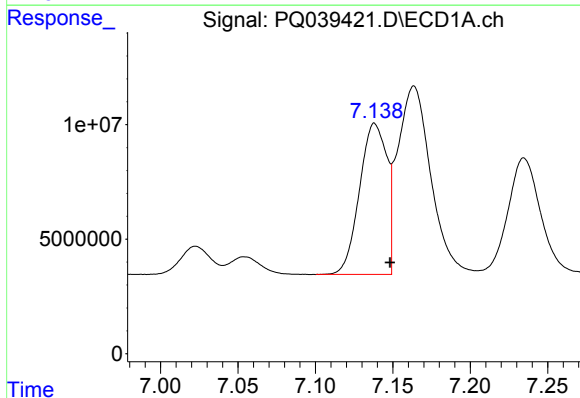
R.T.: 7.452 min
Delta R.T.: -0.011 min
Response: 55012820
Conc: 1960.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660308



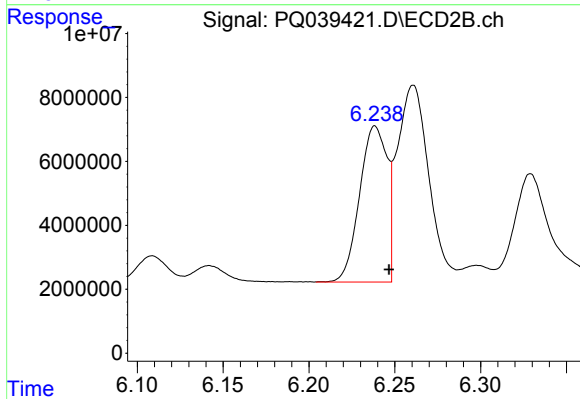
#15 AR-1232-5

R.T.: 6.781 min
Delta R.T.: -0.009 min
Response: 45456212
Conc: 1804.22 ng/ml



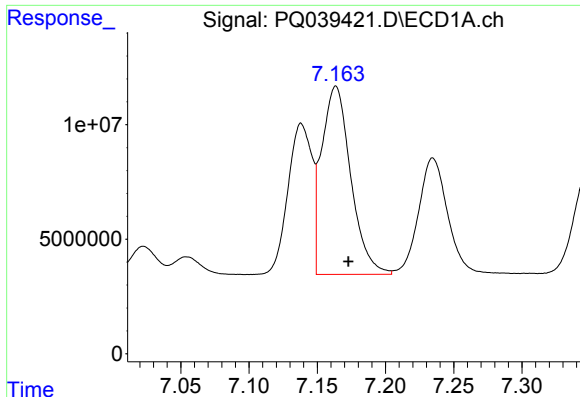
#16 AR-1242-1

R.T.: 7.139 min
Delta R.T.: -0.010 min
Response: 80897108
Conc: 733.37 ng/ml



#16 AR-1242-1

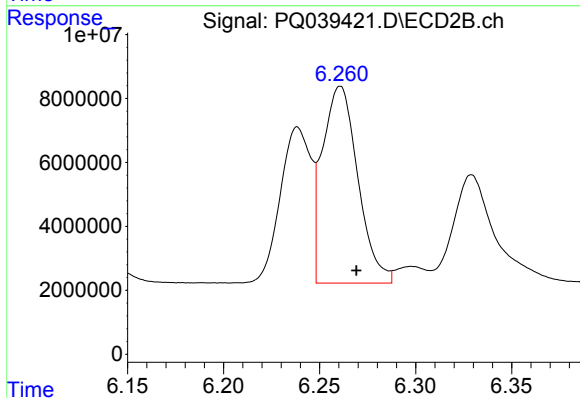
R.T.: 6.239 min
Delta R.T.: -0.008 min
Response: 54323984
Conc: 782.75 ng/ml



#17 AR-1242-2

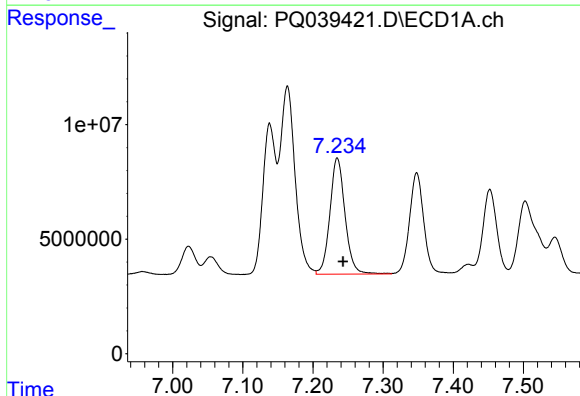
R.T.: 7.164 min
Delta R.T.: -0.009 min
Response: 122065070
Conc: 741.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660308



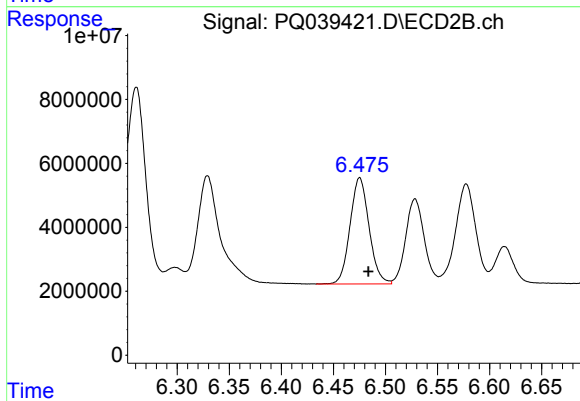
#17 AR-1242-2

R.T.: 6.261 min
Delta R.T.: -0.008 min
Response: 78773765
Conc: 789.52 ng/ml



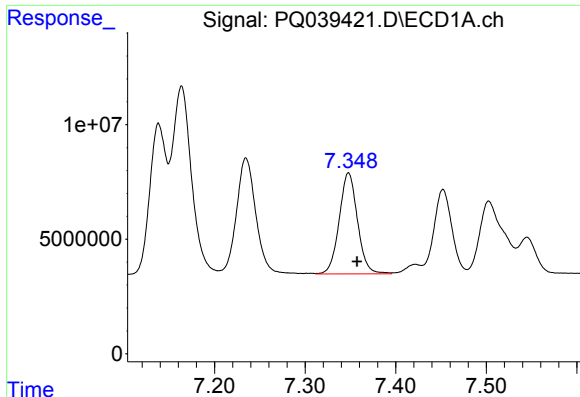
#18 AR-1242-3

R.T.: 7.235 min
Delta R.T.: -0.008 min
Response: 75924860
Conc: 719.46 ng/ml



#18 AR-1242-3

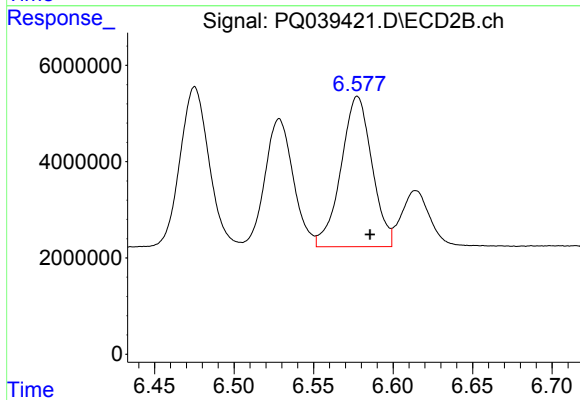
R.T.: 6.475 min
Delta R.T.: -0.008 min
Response: 42346167
Conc: 788.71 ng/ml



#19 AR-1242-4

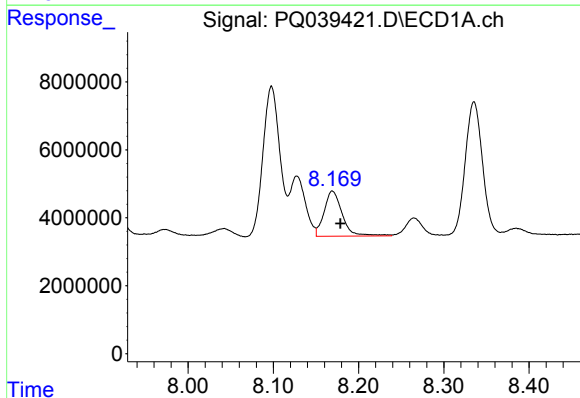
R.T.: 7.348 min
Delta R.T.: -0.009 min
Response: 61971606
Conc: 695.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660308



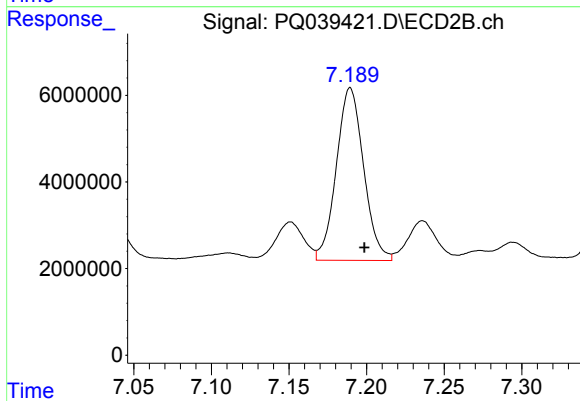
#19 AR-1242-4

R.T.: 6.578 min
Delta R.T.: -0.008 min
Response: 42318241
Conc: 758.98 ng/ml



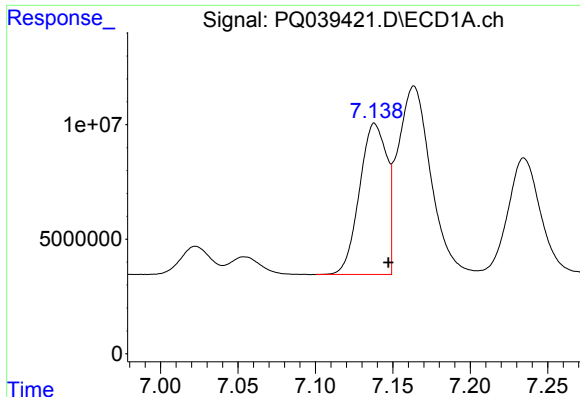
#20 AR-1242-5

R.T.: 8.170 min
Delta R.T.: -0.009 min
Response: 19748221
Conc: 202.24 ng/ml



#20 AR-1242-5

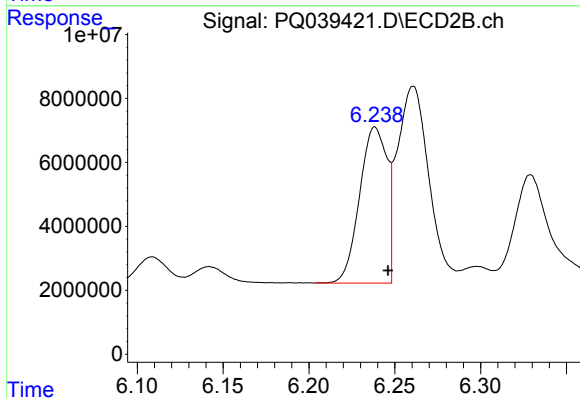
R.T.: 7.190 min
Delta R.T.: -0.009 min
Response: 48771053
Conc: 644.02 ng/ml



#21 AR-1248-1

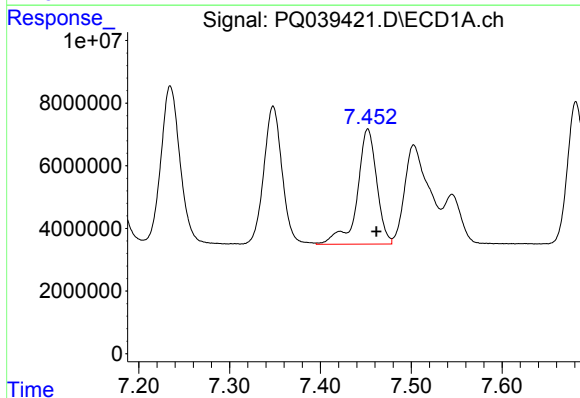
R.T.: 7.139 min
Delta R.T.: -0.008 min
Response: 80897108
Conc: 688.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660308



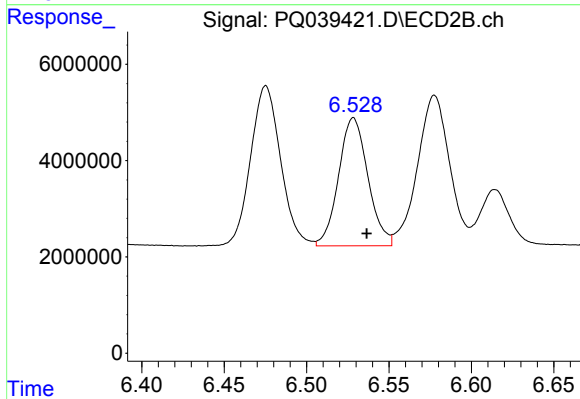
#21 AR-1248-1

R.T.: 6.239 min
Delta R.T.: -0.008 min
Response: 54323984
Conc: 698.21 ng/ml



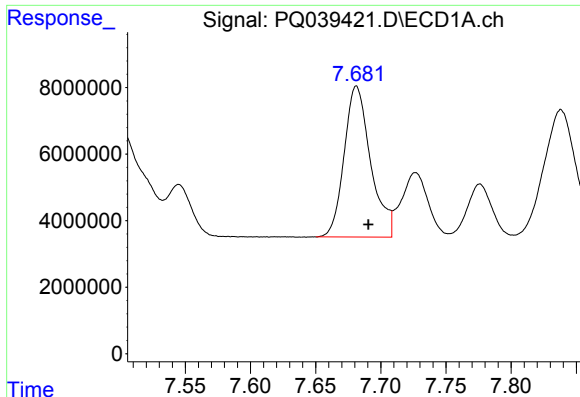
#22 AR-1248-2

R.T.: 7.452 min
Delta R.T.: -0.009 min
Response: 55012820
Conc: 335.80 ng/ml



#22 AR-1248-2

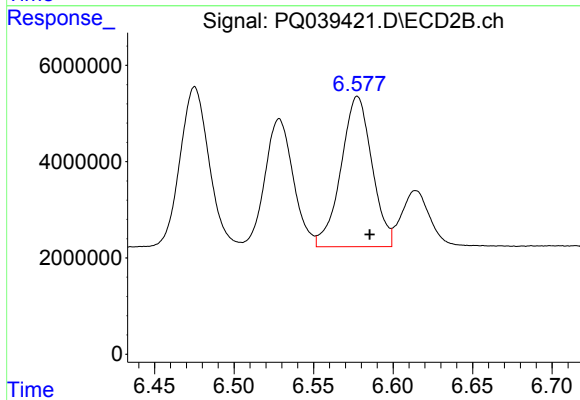
R.T.: 6.528 min
Delta R.T.: -0.008 min
Response: 32989082
Conc: 305.69 ng/ml



#23 AR-1248-3

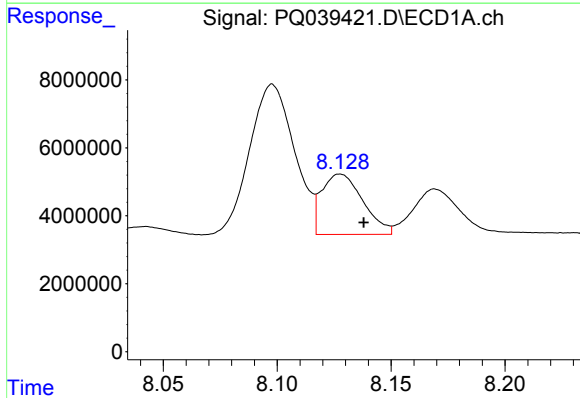
R.T.: 7.681 min
Delta R.T.: -0.009 min
Response: 64169482
Conc: 329.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660308



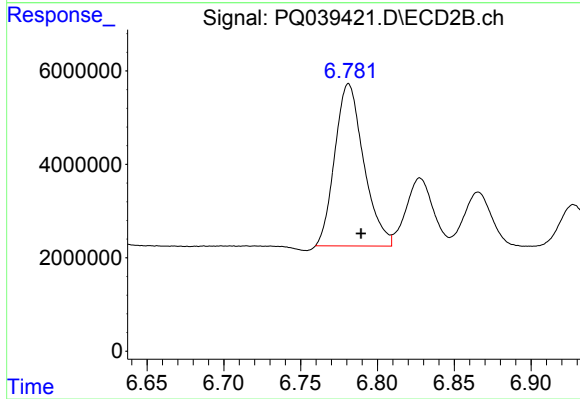
#23 AR-1248-3

R.T.: 6.578 min
Delta R.T.: -0.008 min
Response: 42318241
Conc: 373.66 ng/ml



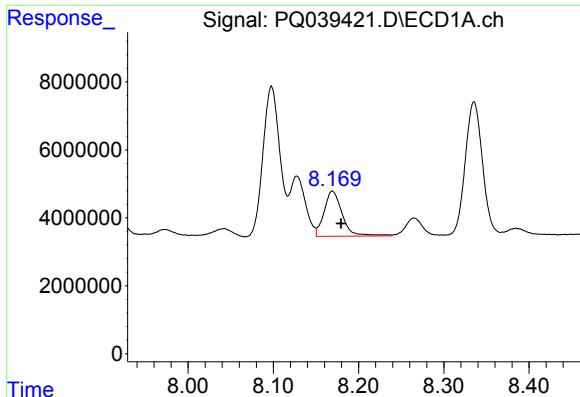
#24 AR-1248-4

R.T.: 8.128 min
Delta R.T.: -0.010 min
Response: 22391901
Conc: 103.71 ng/ml



#24 AR-1248-4

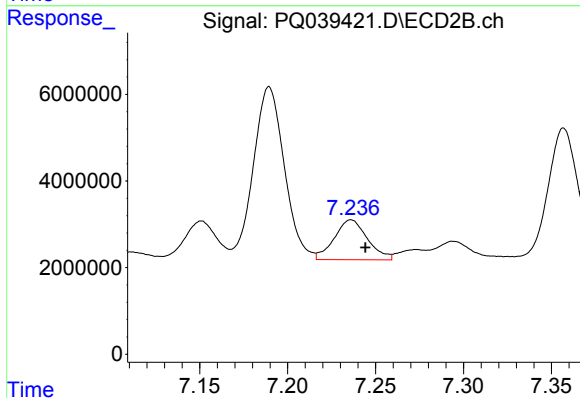
R.T.: 6.781 min
Delta R.T.: -0.008 min
Response: 45456212
Conc: 322.24 ng/ml



#25 AR-1248-5

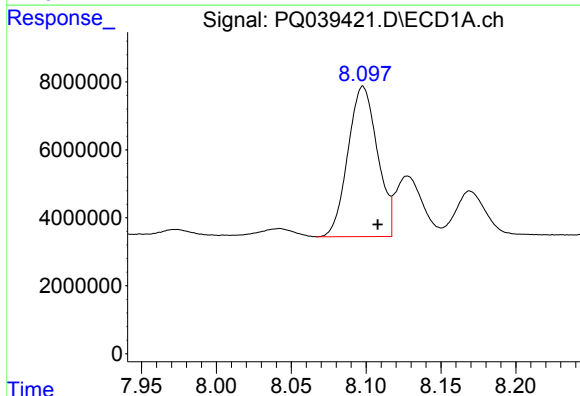
R.T.: 8.170 min
Delta R.T.: -0.010 min
Response: 19748221
Conc: 92.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660308



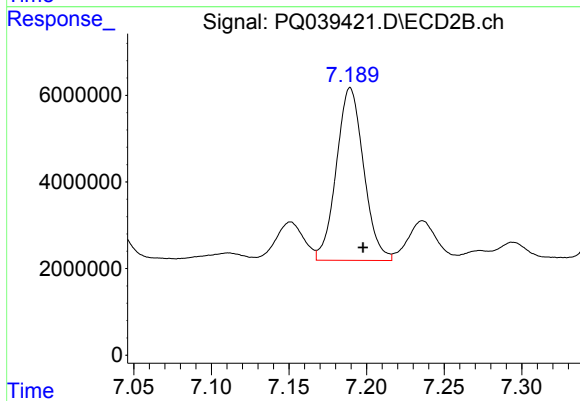
#25 AR-1248-5

R.T.: 7.236 min
Delta R.T.: -0.008 min
Response: 12121652
Conc: 85.93 ng/ml



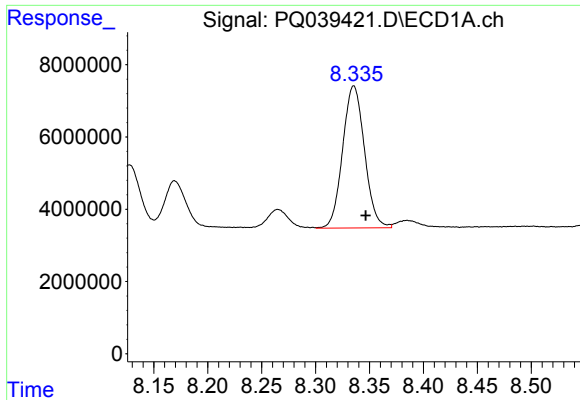
#26 AR-1254-1

R.T.: 8.098 min
Delta R.T.: -0.010 min
Response: 60686495
Conc: 301.32 ng/ml



#26 AR-1254-1

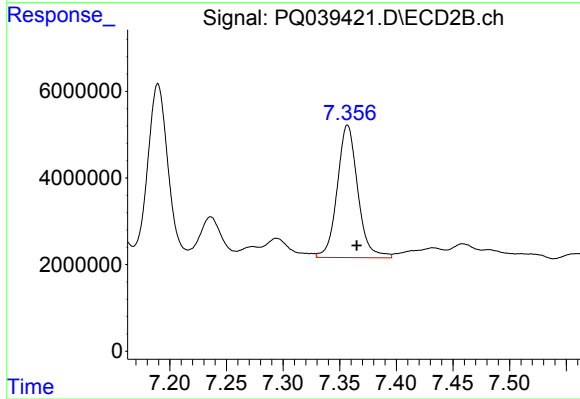
R.T.: 7.190 min
Delta R.T.: -0.008 min
Response: 48771053
Conc: 246.39 ng/ml



#27 AR-1254-2

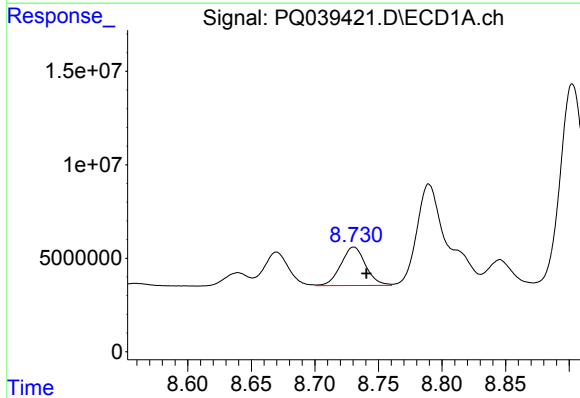
R.T.: 8.335 min
Delta R.T.: -0.011 min
Response: 55464355
Conc: 174.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660308



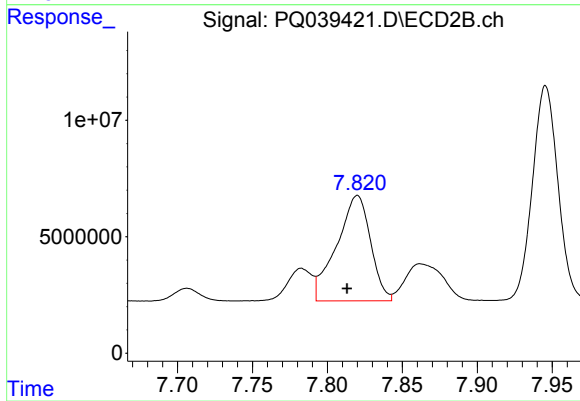
#27 AR-1254-2

R.T.: 7.357 min
Delta R.T.: -0.008 min
Response: 38570652
Conc: 218.70 ng/ml



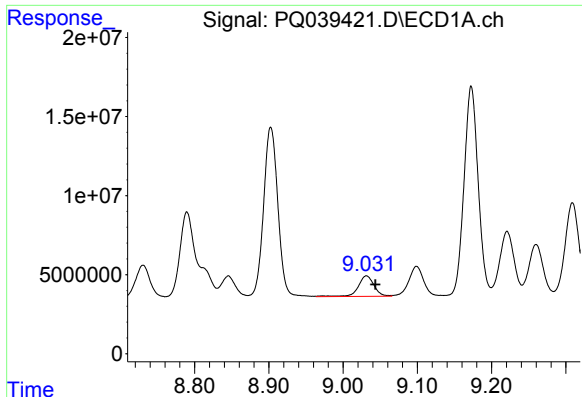
#28 AR-1254-3

R.T.: 8.731 min
Delta R.T.: -0.010 min
Response: 27839827
Conc: 81.69 ng/ml



#28 AR-1254-3

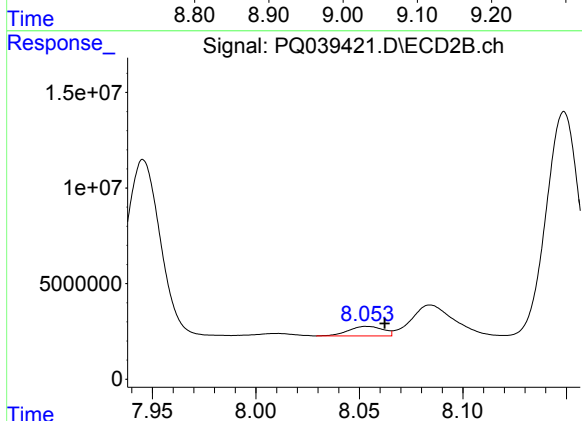
R.T.: 7.820 min
Delta R.T.: 0.007 min
Response: 71189987
Conc: 238.51 ng/ml



#29 AR-1254-4

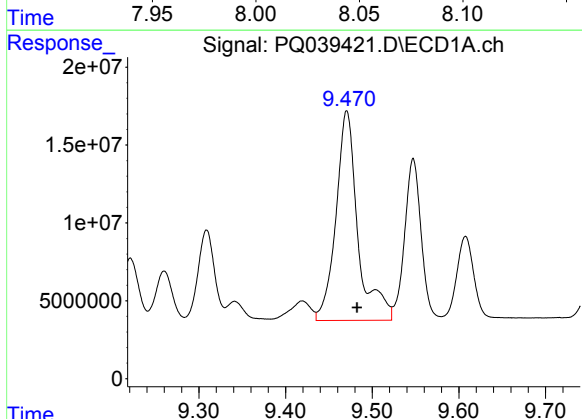
R.T.: 9.031 min
Delta R.T.: -0.012 min
Response: 19551995
Conc: 82.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660308



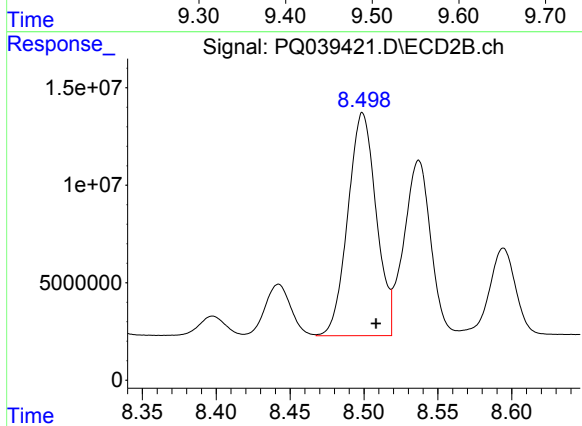
#29 AR-1254-4

R.T.: 8.054 min
Delta R.T.: -0.009 min
Response: 5779226
Conc: 33.30 ng/ml



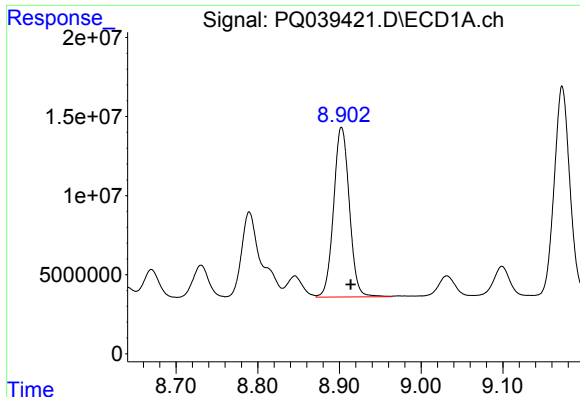
#30 AR-1254-5

R.T.: 9.471 min
Delta R.T.: -0.012 min
Response: 236557960
Conc: 867.72 ng/ml



#30 AR-1254-5

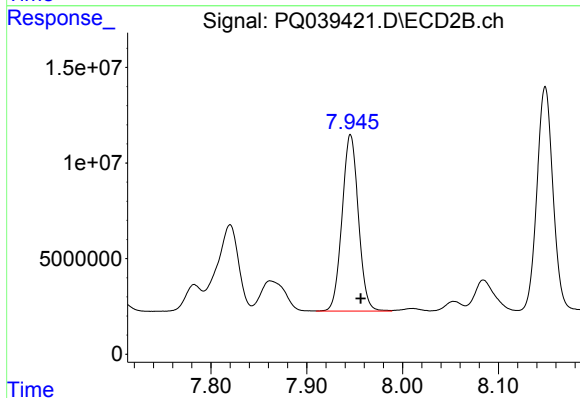
R.T.: 8.499 min
Delta R.T.: -0.009 min
Response: 152555749
Conc: 594.72 ng/ml



#31 AR-1260-1

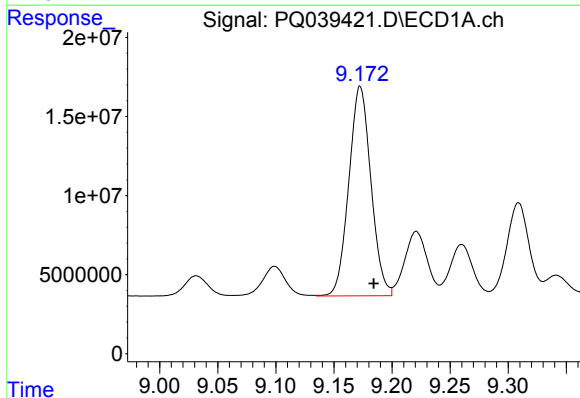
R.T.: 8.903 min
Delta R.T.: -0.011 min
Response: 143575003
Conc: 436.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660308



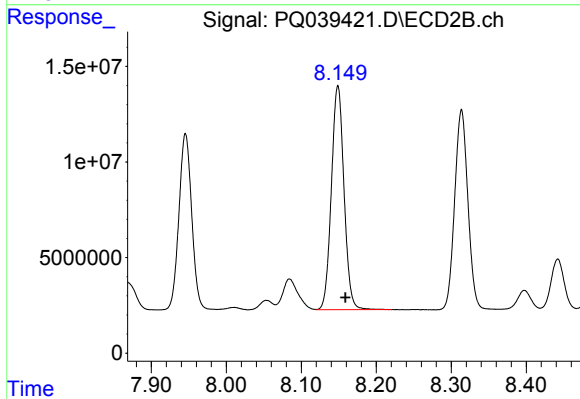
#31 AR-1260-1

R.T.: 7.946 min
Delta R.T.: -0.011 min
Response: 109496475
Conc: 463.50 ng/ml



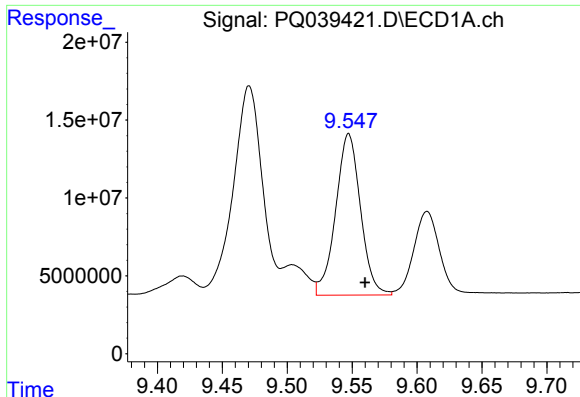
#32 AR-1260-2

R.T.: 9.173 min
Delta R.T.: -0.012 min
Response: 175436058
Conc: 443.46 ng/ml



#32 AR-1260-2

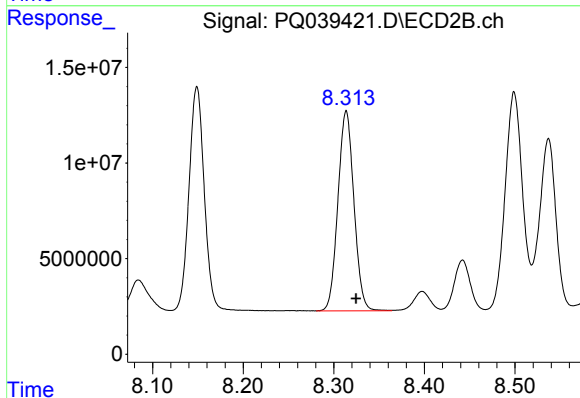
R.T.: 8.149 min
Delta R.T.: -0.010 min
Response: 137189937
Conc: 463.91 ng/ml



#33 AR-1260-3

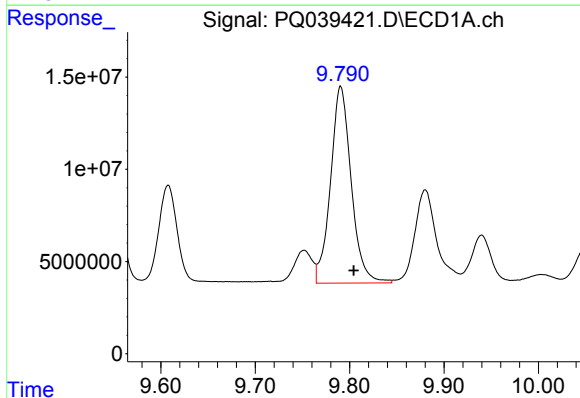
R.T.: 9.547 min
Delta R.T.: -0.013 min
Response: 137898814
Conc: 448.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660308



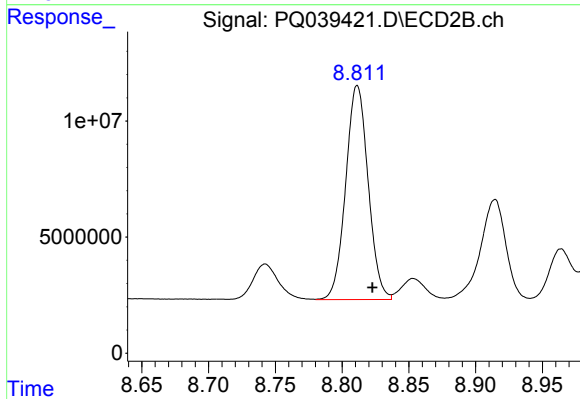
#33 AR-1260-3

R.T.: 8.314 min
Delta R.T.: -0.011 min
Response: 128250486
Conc: 460.17 ng/ml



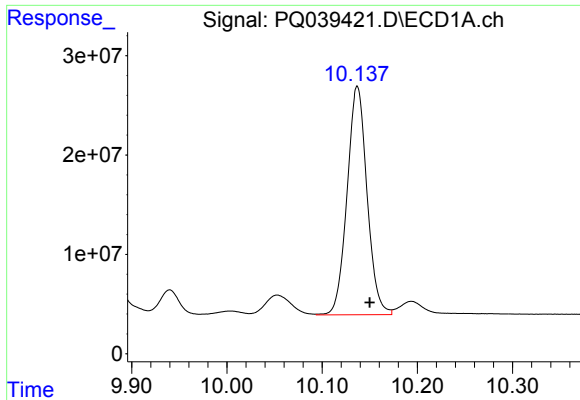
#34 AR-1260-4

R.T.: 9.791 min
Delta R.T.: -0.014 min
Response: 162559695
Conc: 448.37 ng/ml



#34 AR-1260-4

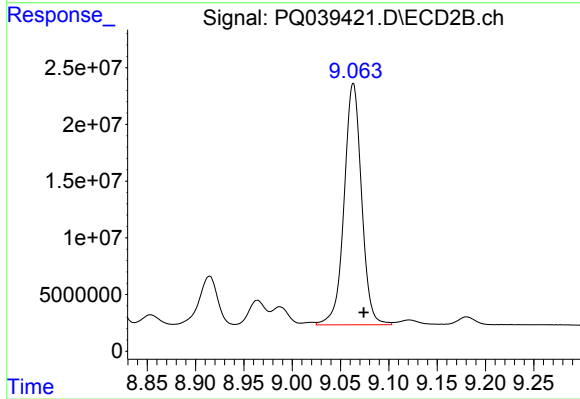
R.T.: 8.811 min
Delta R.T.: -0.011 min
Response: 107960387
Conc: 455.06 ng/ml



#35 AR-1260-5

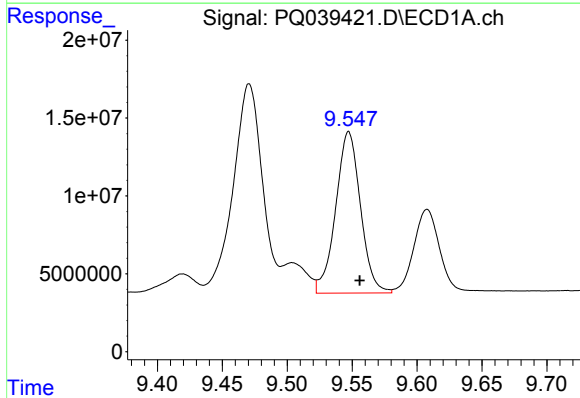
R.T.: 10.137 min
Delta R.T.: -0.013 min
Response: 334944624
Conc: 439.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660308



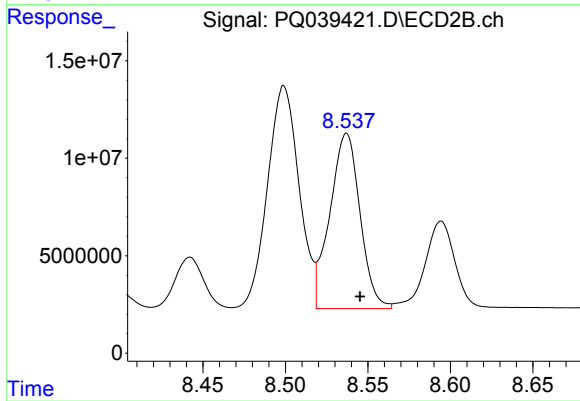
#35 AR-1260-5

R.T.: 9.063 min
Delta R.T.: -0.011 min
Response: 267042812
Conc: 446.49 ng/ml



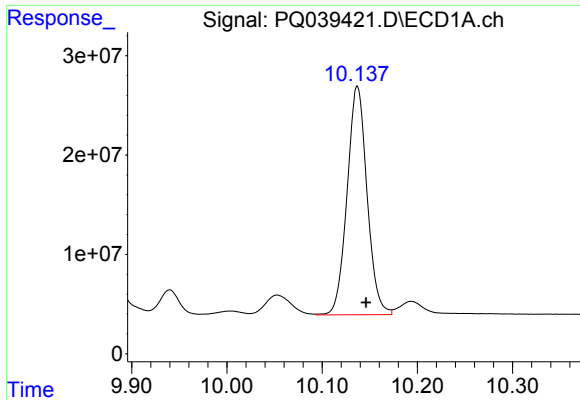
#36 AR-1262-1

R.T.: 9.547 min
Delta R.T.: -0.008 min
Response: 137898814
Conc: 402.53 ng/ml



#36 AR-1262-1

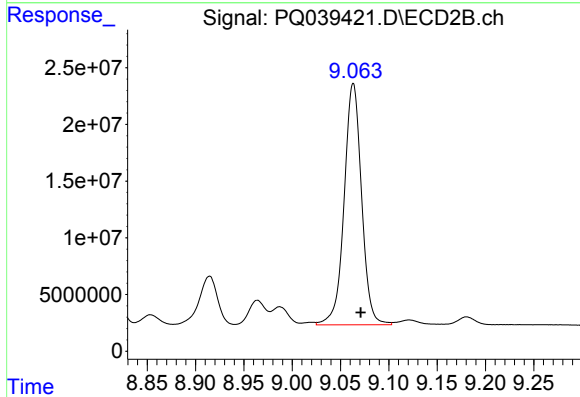
R.T.: 8.537 min
Delta R.T.: -0.008 min
Response: 114398983
Conc: 414.13 ng/ml



#37 AR-1262-2

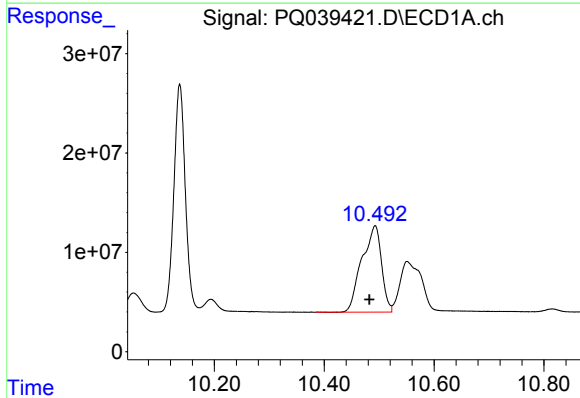
R.T.: 10.137 min
Delta R.T.: -0.009 min
Response: 334944624
Conc: 548.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660308



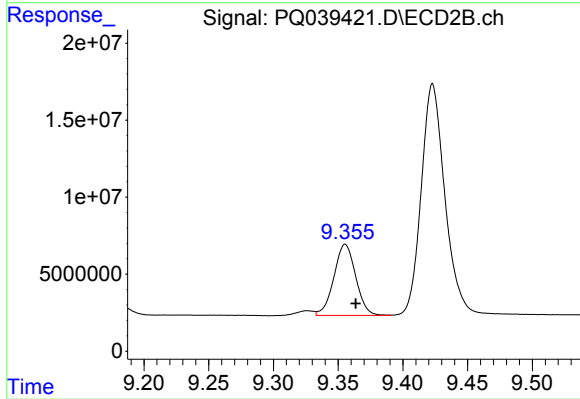
#37 AR-1262-2

R.T.: 9.063 min
Delta R.T.: -0.008 min
Response: 267042812
Conc: 545.74 ng/ml



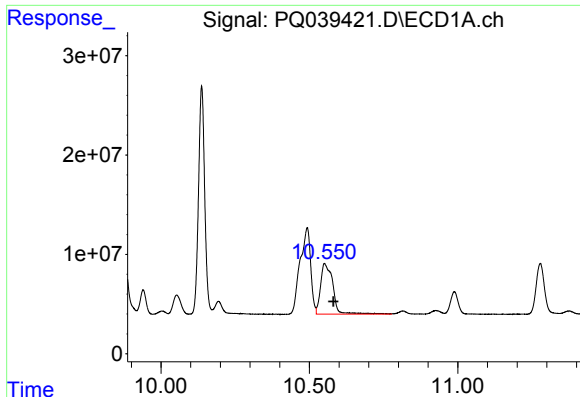
#38 AR-1262-3

R.T.: 10.492 min
Delta R.T.: 0.010 min
Response: 215710007
Conc: 512.11 ng/ml



#38 AR-1262-3

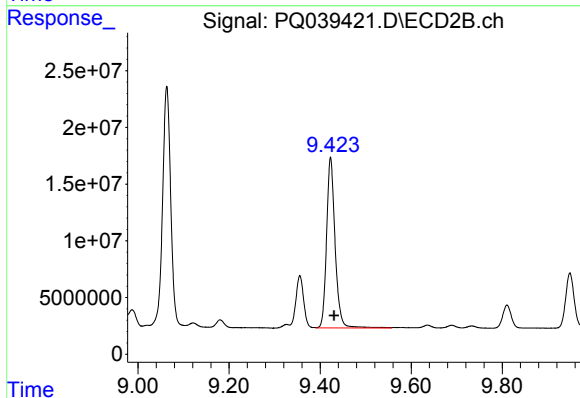
R.T.: 9.356 min
Delta R.T.: -0.008 min
Response: 54319481
Conc: 291.53 ng/ml



#39 AR-1262-4

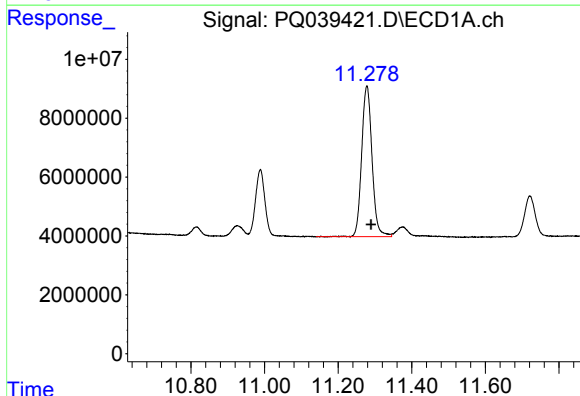
R.T.: 10.552 min
Delta R.T.: -0.029 min
Response: 146671247
Conc: 429.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660308



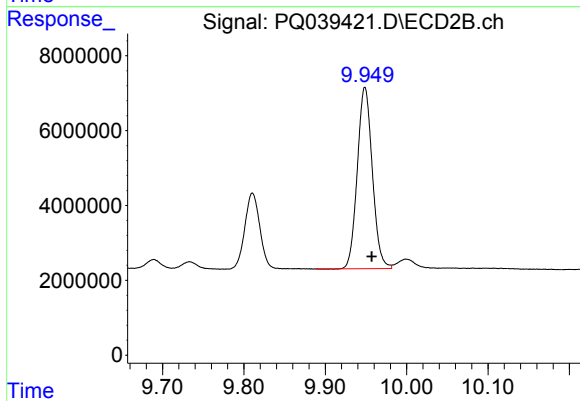
#39 AR-1262-4

R.T.: 9.423 min
Delta R.T.: -0.008 min
Response: 195846373
Conc: 544.27 ng/ml



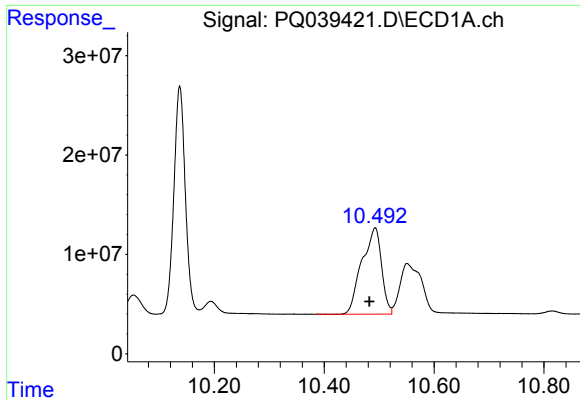
#40 AR-1262-5

R.T.: 11.278 min
Delta R.T.: -0.012 min
Response: 99928526
Conc: 444.55 ng/ml



#40 AR-1262-5

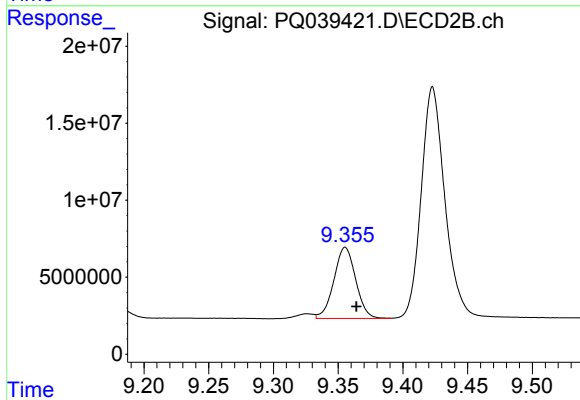
R.T.: 9.949 min
Delta R.T.: -0.008 min
Response: 62300541
Conc: 411.64 ng/ml



#41 AR-1268-1

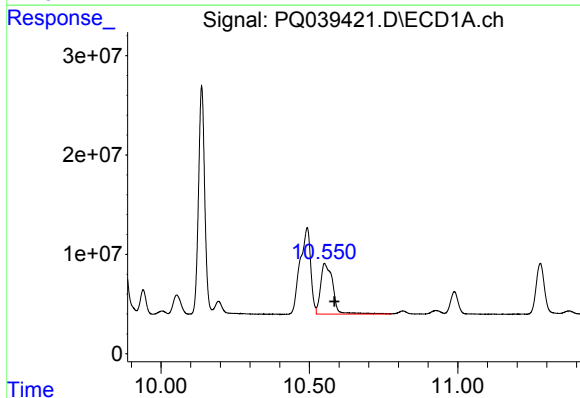
R.T.: 10.492 min
Delta R.T.: 0.010 min
Response: 215710007
Conc: 155.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660308



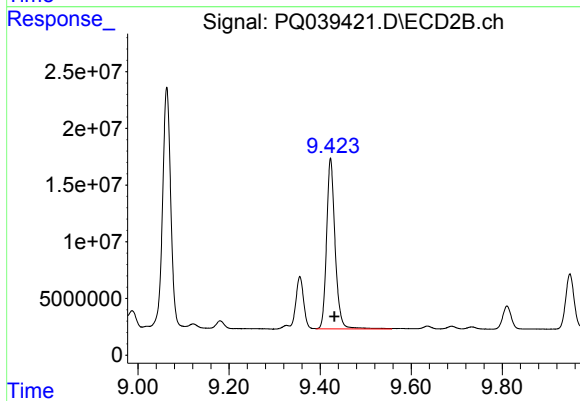
#41 AR-1268-1

R.T.: 9.356 min
Delta R.T.: -0.008 min
Response: 54319481
Conc: 51.64 ng/ml



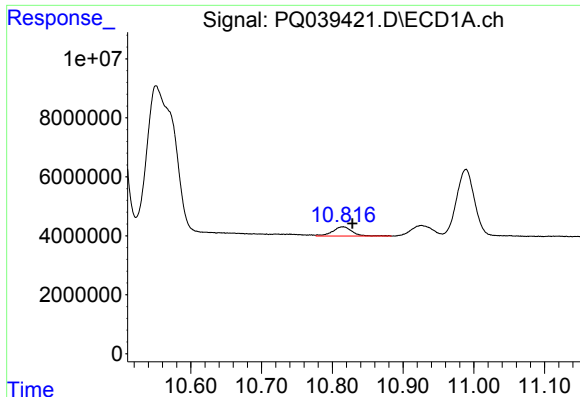
#42 AR-1268-2

R.T.: 10.552 min
Delta R.T.: -0.033 min
Response: 146671247
Conc: 109.22 ng/ml



#42 AR-1268-2

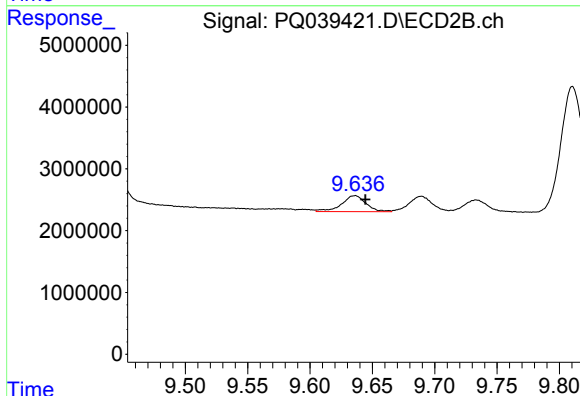
R.T.: 9.423 min
Delta R.T.: -0.008 min
Response: 195846373
Conc: 201.85 ng/ml



#43 AR-1268-3

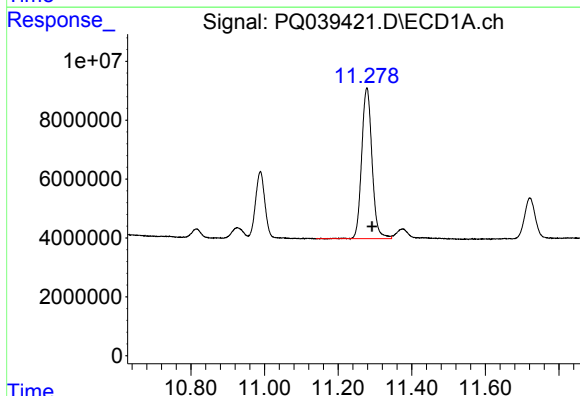
R.T.: 10.815 min
Delta R.T.: -0.013 min
Response: 6102805
Conc: 5.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660308



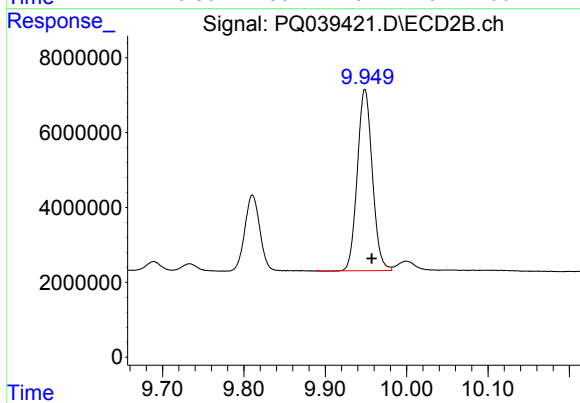
#43 AR-1268-3

R.T.: 9.636 min
Delta R.T.: -0.008 min
Response: 3548207
Conc: 4.30 ng/ml



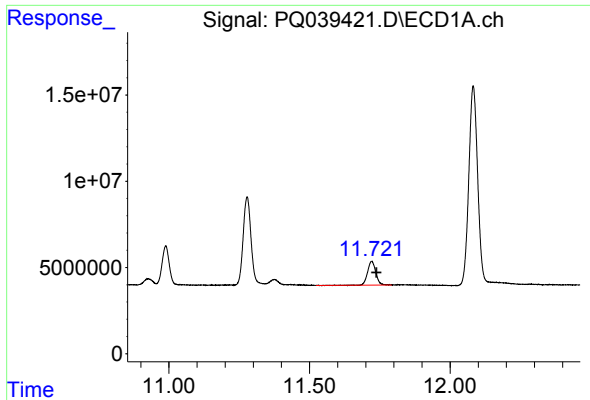
#44 AR-1268-4

R.T.: 11.278 min
Delta R.T.: -0.014 min
Response: 99928526
Conc: 233.40 ng/ml



#44 AR-1268-4

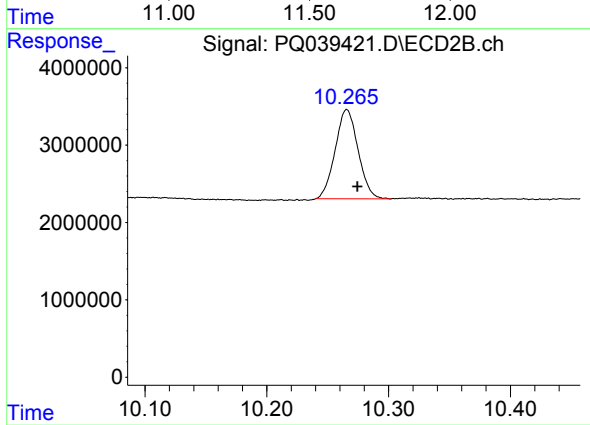
R.T.: 9.949 min
Delta R.T.: -0.008 min
Response: 62300541
Conc: 208.27 ng/ml



#45 AR-1268-5

R.T.: 11.721 min
Delta R.T.: -0.017 min
Response: 27429801
Conc: 7.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1660308



#45 AR-1268-5

R.T.: 10.266 min
Delta R.T.: -0.009 min
Response: 15078188
Conc: 6.08 ng/ml