

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ051919\
 Data File : PQ039961.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 May 2019 23:33
 Operator : SM\AJ
 Sample : K2917-02
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 ETMC9

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 20 02:28:12 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ051819CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat May 18 00:58:45 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...	5.611	4.732	73368360	51114773	10.883	10.642
2)	SA Decachlor...	11.948	10.467	60025377	34481633	9.612	8.931
Target Compounds							
3)	L1 AR-1016-1	7.064	6.183	16805744	10450306	52.054	41.145
4)	L1 AR-1016-2	7.088	6.204	19058288	10175052	40.231	27.985 #
5)	L1 AR-1016-3	7.160	6.419	5300631	8683634	18.703	47.355 #
6)	L1 AR-1016-4	7.271	6.472	6272969	52059932	26.991	401.970 #
7)	L1 AR-1016-5	7.606	6.724	43171373	34367730	193.078	182.738
9)	L2 AR-1221-2	6.004	5.151	1254311	921989	26.018	27.014
10)	L2 AR-1221-3	0.000	5.332	0	760452	N.D.	6.261 #
11)	L3 AR-1232-1	0.000	5.332	0	760452	N.D.	8.193 #
12)	L3 AR-1232-2	6.745	6.204	9394219	10175052	155.345	109.867 #
13)	L3 AR-1232-3	7.088	6.419	19058288	8683634	152.927	175.764
14)	L3 AR-1232-4	7.271	6.520	6272969	45795883	101.785	1112.353 #
15)	L3 AR-1232-5	7.377	6.724	66367836	34367730	1666.465	764.423 #
16)	L4 AR-1242-1	7.064	6.183	16805744	10450306	107.000	84.646
17)	L4 AR-1242-2	7.088	6.204	19058288	10175052	82.449	57.831 #
18)	L4 AR-1242-3	7.160	6.419	5300631	8683634	38.258	95.623 #
19)	L4 AR-1242-4	7.271	6.520	6272969	45795883	55.083	541.126 #
20)	L4 AR-1242-5	8.094	7.134	141.9E6	128.2E6	1174.400	1195.355
21)	L5 AR-1248-1	7.064	6.183	16805744	10450306	129.410	103.418
22)	L5 AR-1248-2	7.377	6.472	66367836	52059932	404.228	411.130
23)	L5 AR-1248-3	7.606	6.520	43171373	45795883	222.424	345.281 #
24)	L5 AR-1248-4	8.054	6.724	121.5E6	34367730	562.738	209.773 #
25)	L5 AR-1248-5	8.094	7.181	141.9E6	106.4E6	680.821	656.436
26)	L6 AR-1254-1	8.022	7.134	86433469	128.2E6	374.423	483.905 #
27)	L6 AR-1254-2	8.262	7.302	154.4E6	80500678	428.393	352.634
28)	L6 AR-1254-3	8.655	7.750	178.8E6	158.3E6	470.992	428.300
29)	L6 AR-1254-4	8.957	7.999	95890734	81230486	351.329	353.919
30)	L6 AR-1254-5	9.420	8.443	106.3E6	163.0E6	353.622	523.560 #
31)	L7 AR-1260-1	8.825	7.889	59111484	74947298	132.479	203.451 #
32)	L7 AR-1260-2	9.096	8.093	144.5E6	58455483	268.868	128.498 #
33)	L7 AR-1260-3	9.470	8.257	47957439	40876235	119.533	97.312
34)	L7 AR-1260-4	9.708	8.753	60423495	32651475	131.376	98.651
35)	L7 AR-1260-5	10.051	9.007	74528142	79608353	77.309	97.049 #
36)	L8 AR-1262-1	9.530	8.537	17932201	23555433	116.871	176.231 #
37)	L8 AR-1262-2	10.051	9.007	74528142	79608353	110.230	132.890
38)	L8 AR-1262-3	10.402	9.299	49278315	9342171	107.294	40.527 #
39)	L8 AR-1262-4	10.456	9.365	27547246	47428534	74.851	111.555 #
40)	L8 AR-1262-5	11.169	9.888	18390949	13529789	76.502	75.537
41)	L9 AR-1268-1	10.402	9.299	49278315	9342171	40.693	9.030 #
42)	L9 AR-1268-2	10.456	9.365	27547246	47428534	23.934	49.564 #

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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
43) L9	AR-1268-3	10.713	9.574	1554298	943999	1.532	1.174
44) L9	AR-1268-4	11.169	9.888	18390949	13529789	48.663	45.106
45) L9	AR-1268-5	11.598	10.198	6379854	5053121	1.925	2.055

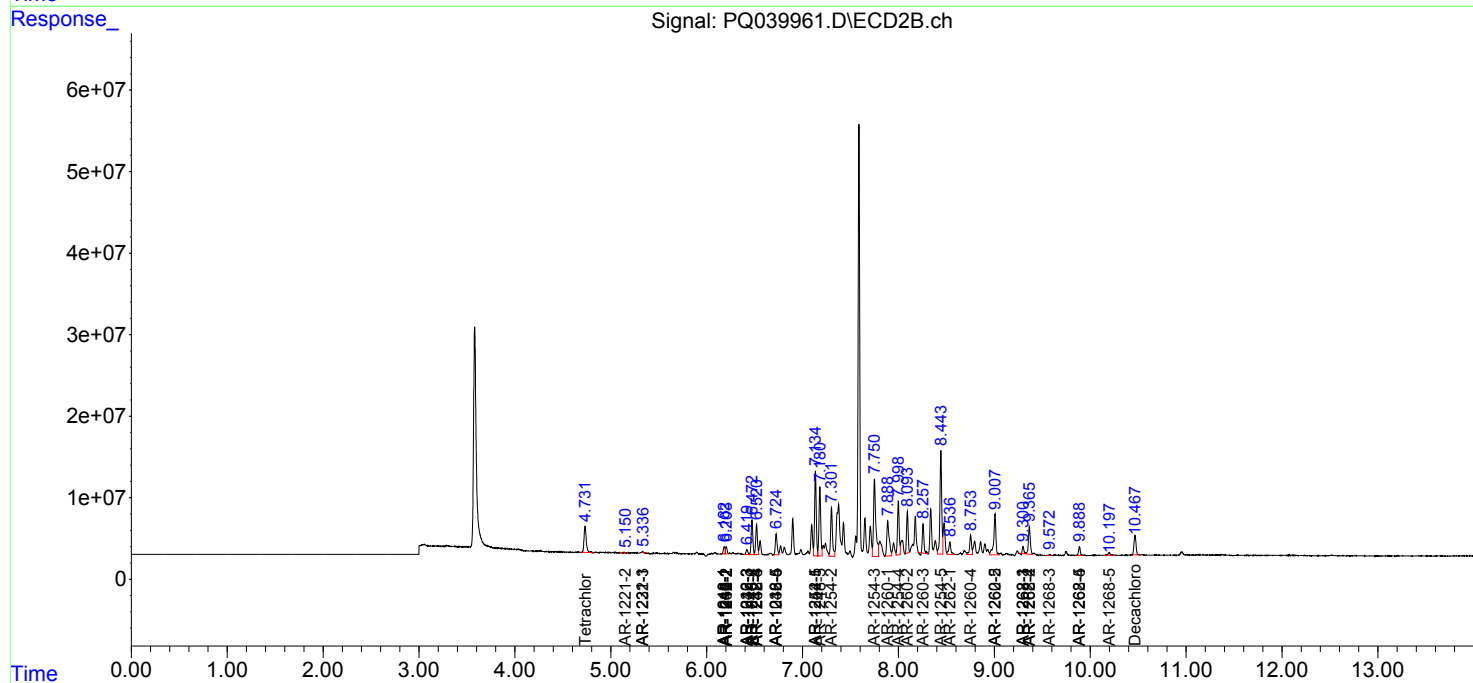
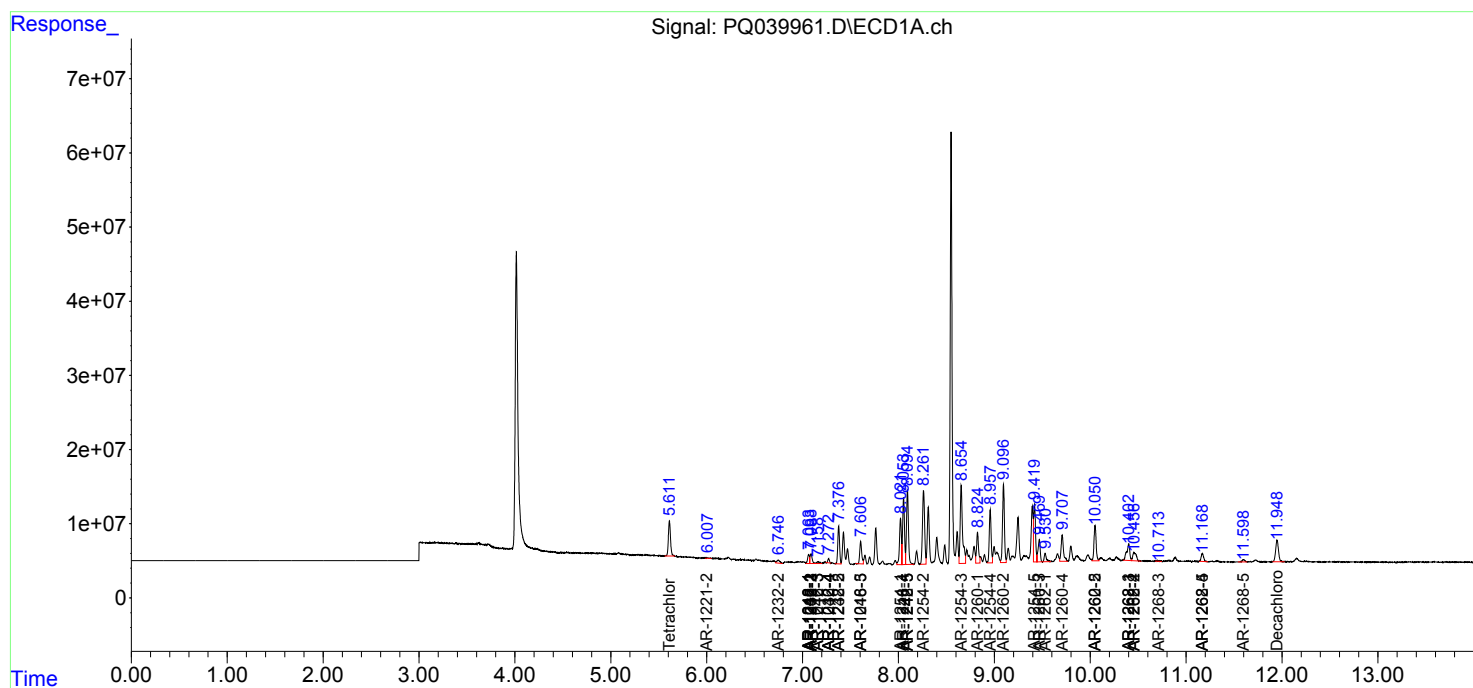
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

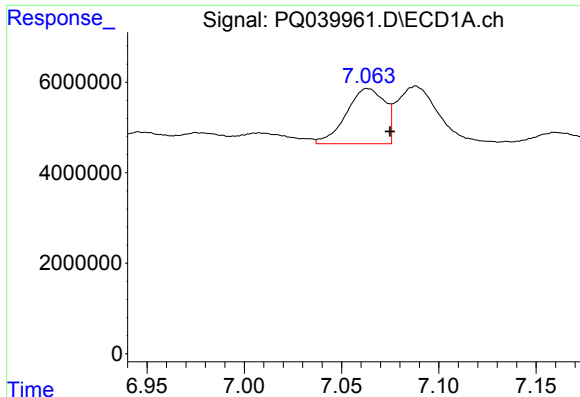
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ051919\
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Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
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ALS Vial : 43 Sample Multiplier: 1

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Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

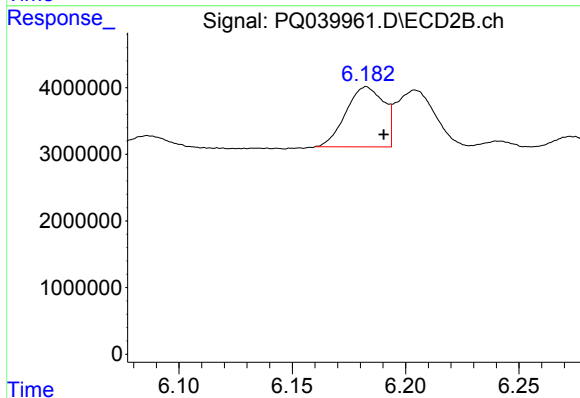




#3 AR-1016-1

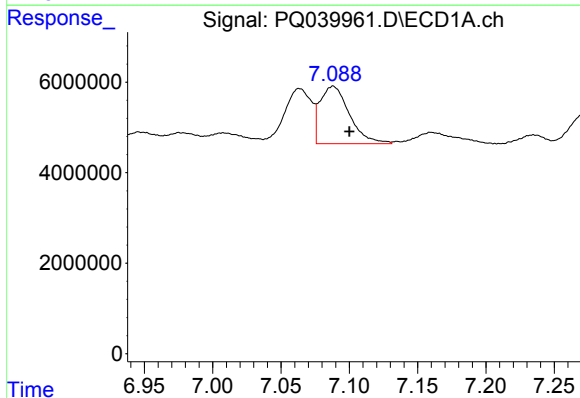
R.T.: 7.064 min
Delta R.T.: -0.011 min
Response: 16805744
Conc: 52.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMC9



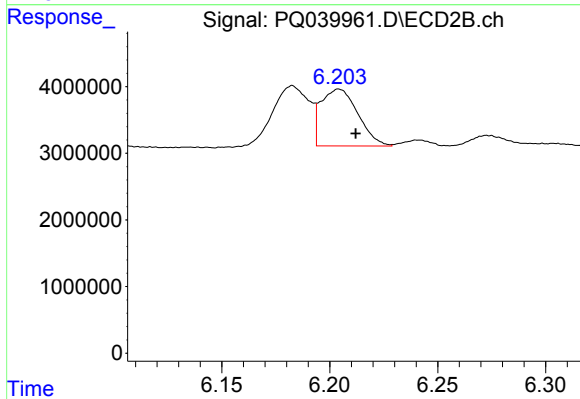
#3 AR-1016-1

R.T.: 6.183 min
Delta R.T.: -0.008 min
Response: 10450306
Conc: 41.14 ng/ml



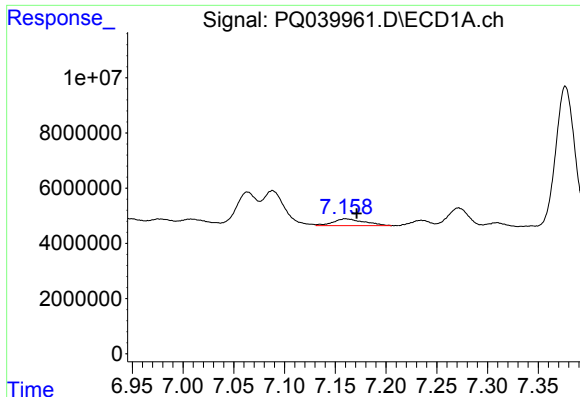
#4 AR-1016-2

R.T.: 7.088 min
Delta R.T.: -0.012 min
Response: 19058288
Conc: 40.23 ng/ml



#4 AR-1016-2

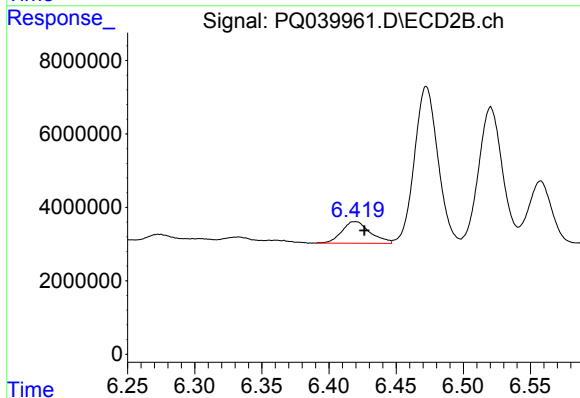
R.T.: 6.204 min
Delta R.T.: -0.008 min
Response: 10175052
Conc: 27.99 ng/ml



#5 AR-1016-3

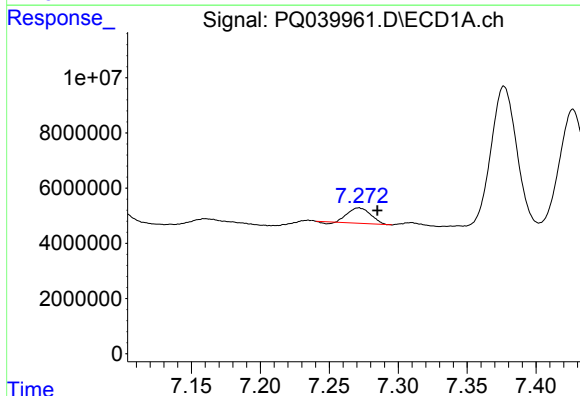
R.T.: 7.160 min
Delta R.T.: -0.011 min
Response: 5300631
Conc: 18.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMC9



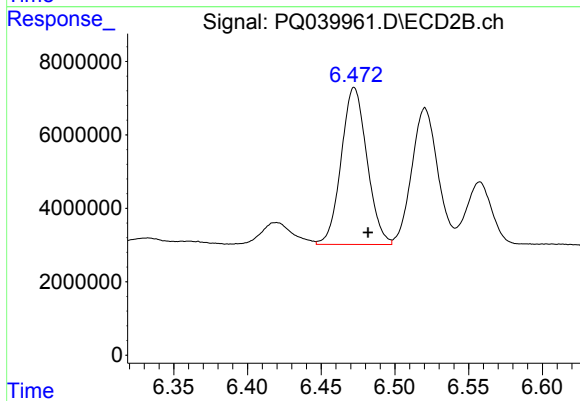
#5 AR-1016-3

R.T.: 6.419 min
Delta R.T.: -0.007 min
Response: 8683634
Conc: 47.35 ng/ml



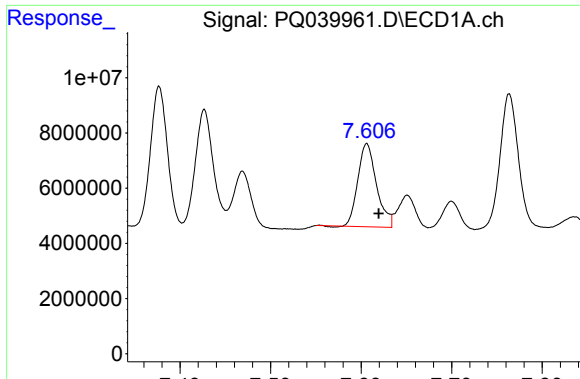
#6 AR-1016-4

R.T.: 7.271 min
Delta R.T.: -0.013 min
Response: 6272969
Conc: 26.99 ng/ml



#6 AR-1016-4

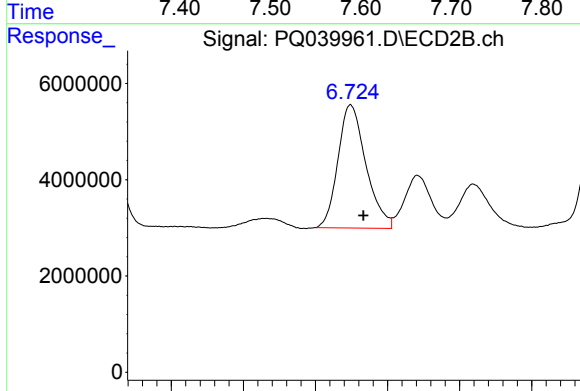
R.T.: 6.472 min
Delta R.T.: -0.009 min
Response: 52059932
Conc: 401.97 ng/ml



#7 AR-1016-5

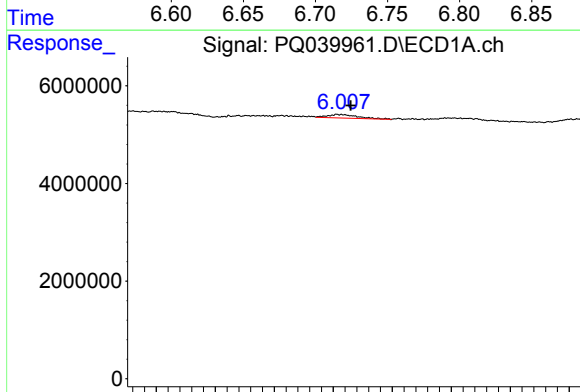
R.T.: 7.606 min
Delta R.T.: -0.013 min
Response: 43171373
Conc: 193.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMC9



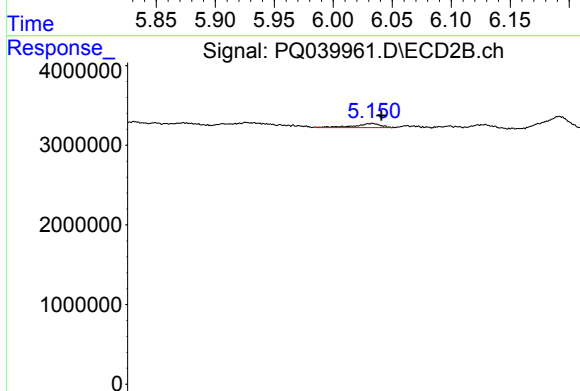
#7 AR-1016-5

R.T.: 6.724 min
Delta R.T.: -0.009 min
Response: 34367730
Conc: 182.74 ng/ml



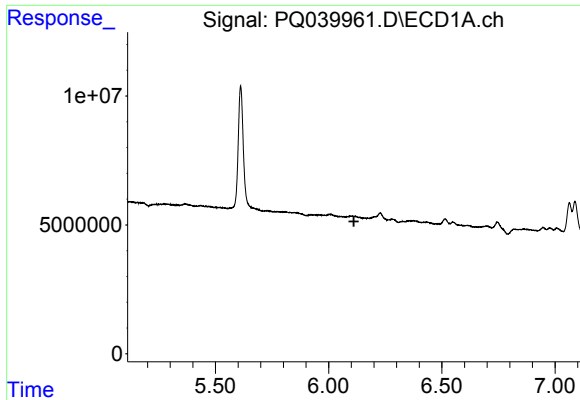
#9 AR-1221-2

R.T.: 6.004 min
Delta R.T.: -0.011 min
Response: 1254311
Conc: 26.02 ng/ml



#9 AR-1221-2

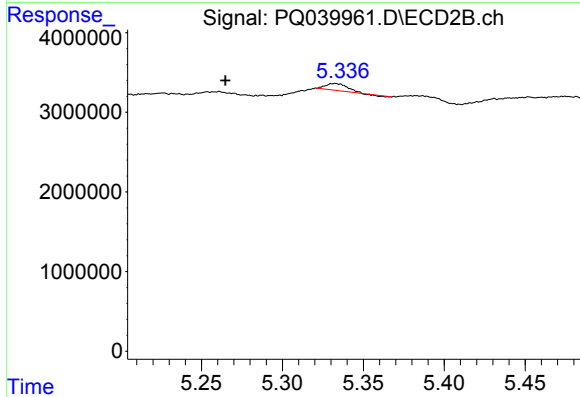
R.T.: 5.151 min
Delta R.T.: -0.009 min
Response: 921989
Conc: 27.01 ng/ml



#10 AR-1221-3

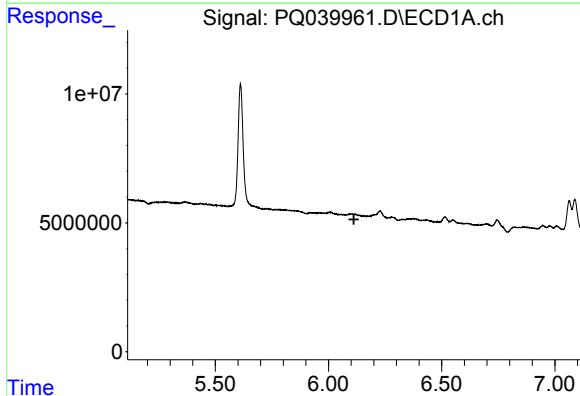
R.T.: 0.000 min
Exp R.T.: 6.112 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
ETMC9



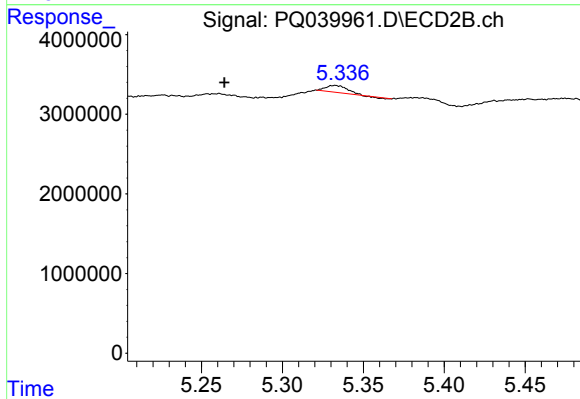
#10 AR-1221-3

R.T.: 5.332 min
Delta R.T.: 0.068 min
Response: 760452
Conc: 6.26 ng/ml



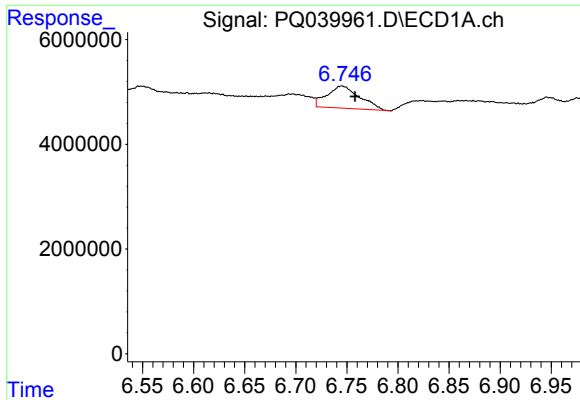
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T.: 6.112 min
Response: 0
Conc: N.D.



#11 AR-1232-1

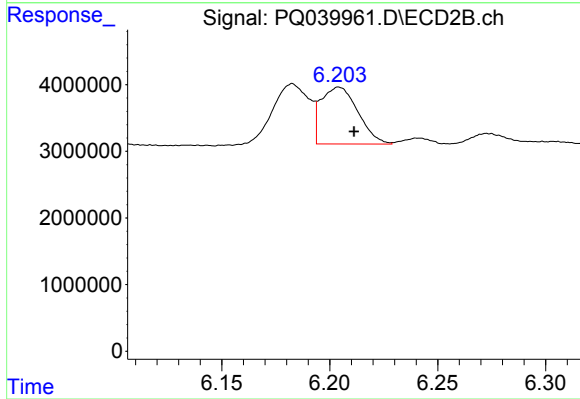
R.T.: 5.332 min
Delta R.T.: 0.068 min
Response: 760452
Conc: 8.19 ng/ml



#12 AR-1232-2

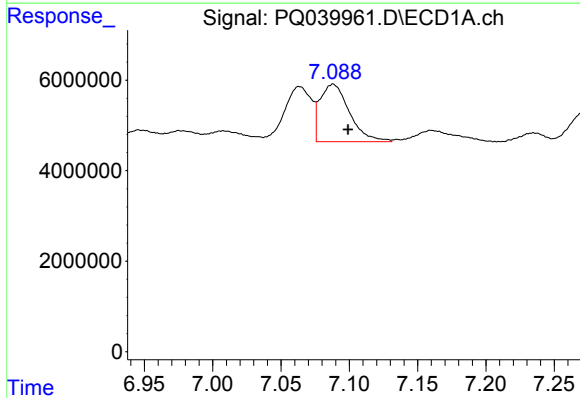
R.T.: 6.745 min
Delta R.T.: -0.013 min
Response: 9394219
Conc: 155.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMC9



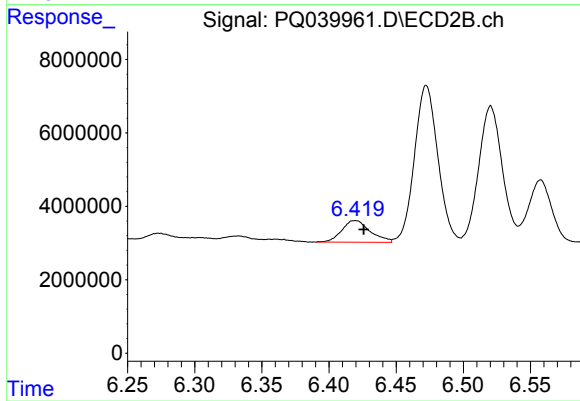
#12 AR-1232-2

R.T.: 6.204 min
Delta R.T.: -0.007 min
Response: 10175052
Conc: 109.87 ng/ml



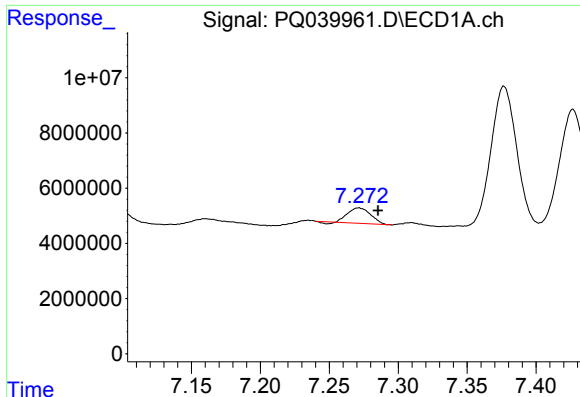
#13 AR-1232-3

R.T.: 7.088 min
Delta R.T.: -0.011 min
Response: 19058288
Conc: 152.93 ng/ml



#13 AR-1232-3

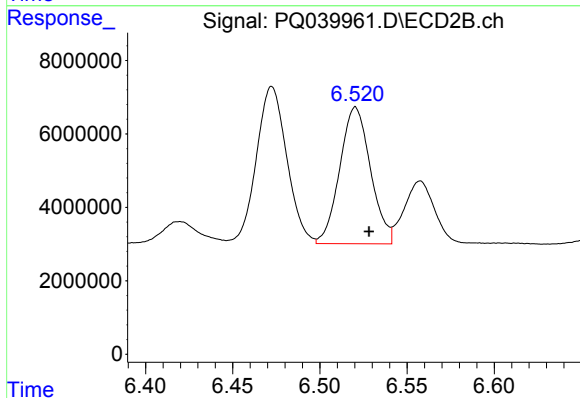
R.T.: 6.419 min
Delta R.T.: -0.006 min
Response: 8683634
Conc: 175.76 ng/ml



#14 AR-1232-4

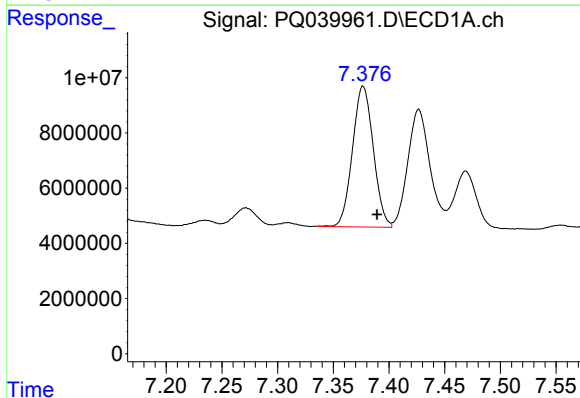
R.T.: 7.271 min
Delta R.T.: -0.014 min
Response: 6272969
Conc: 101.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMC9



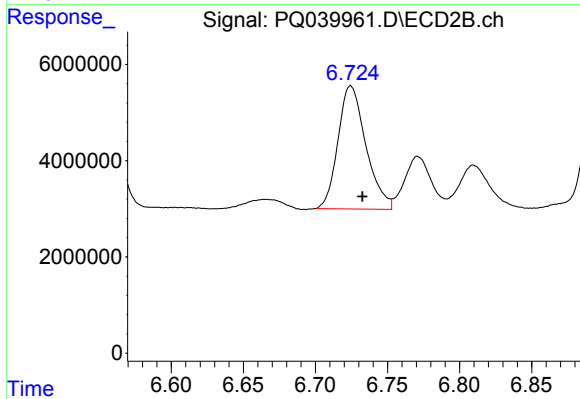
#14 AR-1232-4

R.T.: 6.520 min
Delta R.T.: -0.008 min
Response: 45795883
Conc: 1112.35 ng/ml



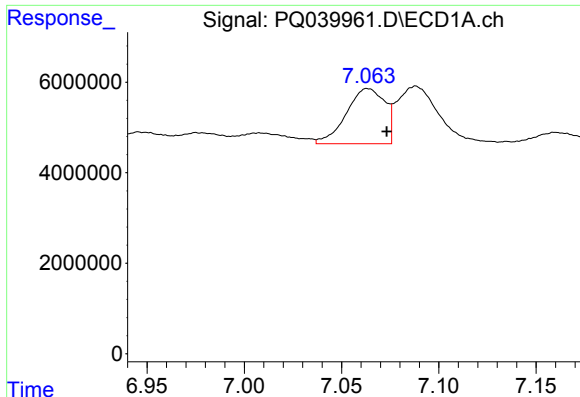
#15 AR-1232-5

R.T.: 7.377 min
Delta R.T.: -0.013 min
Response: 66367836
Conc: 1666.47 ng/ml



#15 AR-1232-5

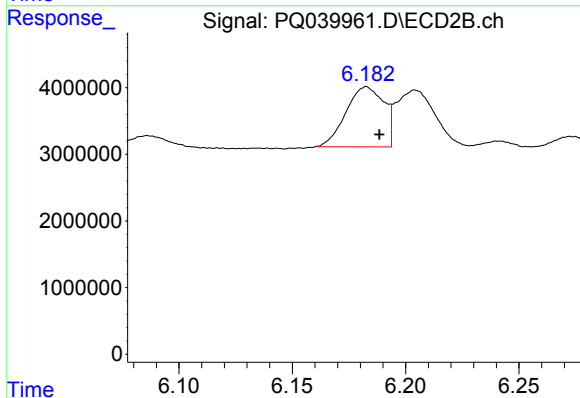
R.T.: 6.724 min
Delta R.T.: -0.008 min
Response: 34367730
Conc: 764.42 ng/ml



#16 AR-1242-1

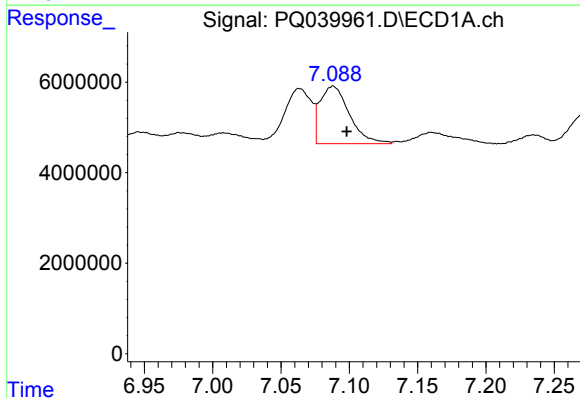
R.T.: 7.064 min
Delta R.T.: -0.010 min
Response: 16805744
Conc: 107.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMC9



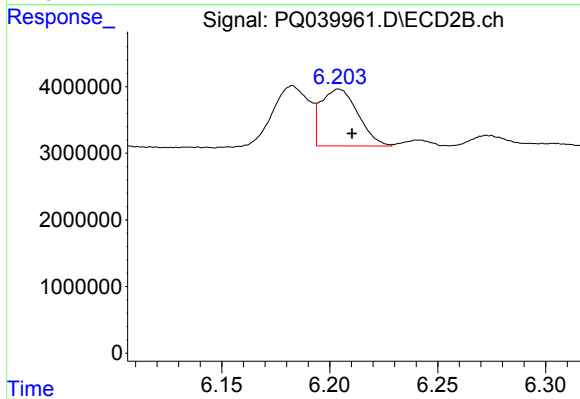
#16 AR-1242-1

R.T.: 6.183 min
Delta R.T.: -0.006 min
Response: 10450306
Conc: 84.65 ng/ml



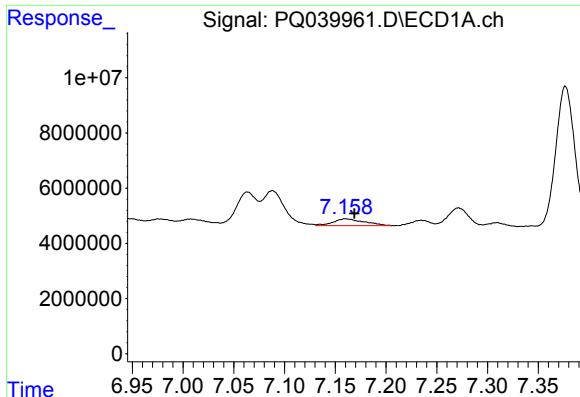
#17 AR-1242-2

R.T.: 7.088 min
Delta R.T.: -0.010 min
Response: 19058288
Conc: 82.45 ng/ml



#17 AR-1242-2

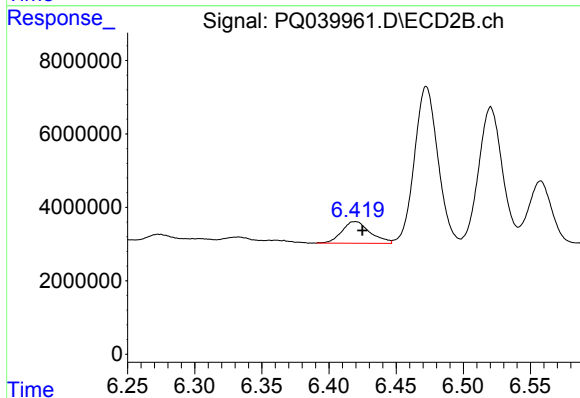
R.T.: 6.204 min
Delta R.T.: -0.006 min
Response: 10175052
Conc: 57.83 ng/ml



#18 AR-1242-3

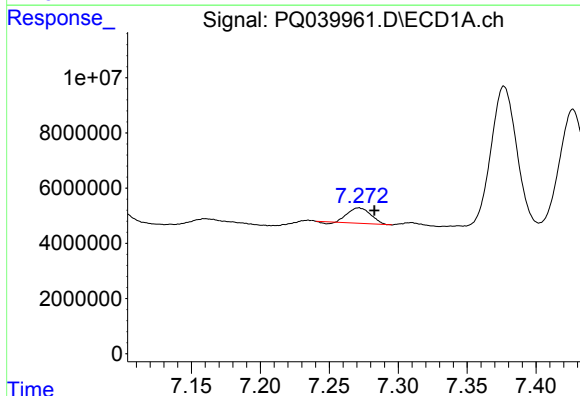
R.T.: 7.160 min
Delta R.T.: -0.009 min
Response: 5300631
Conc: 38.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMC9



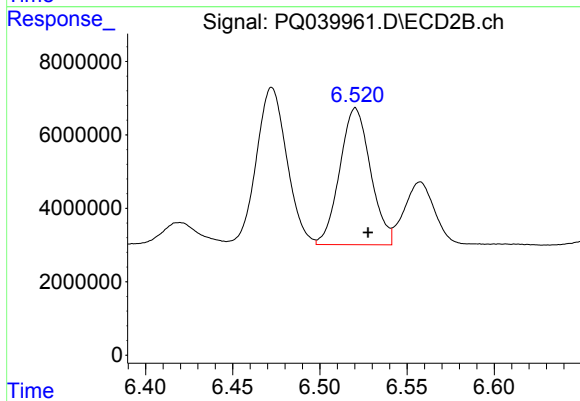
#18 AR-1242-3

R.T.: 6.419 min
Delta R.T.: -0.005 min
Response: 8683634
Conc: 95.62 ng/ml



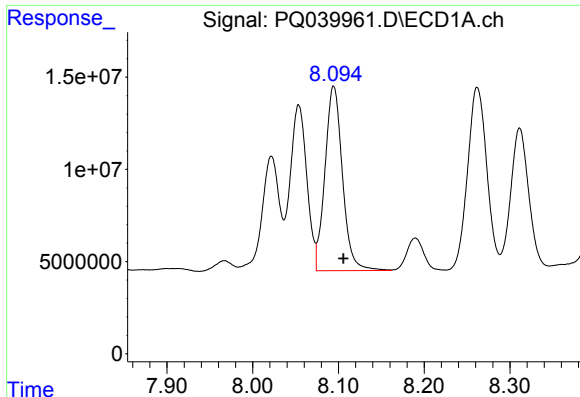
#19 AR-1242-4

R.T.: 7.271 min
Delta R.T.: -0.011 min
Response: 6272969
Conc: 55.08 ng/ml



#19 AR-1242-4

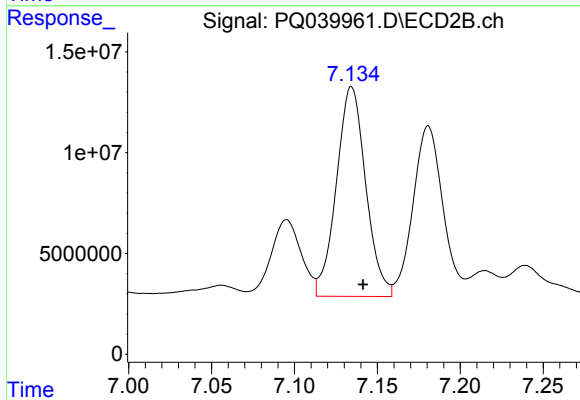
R.T.: 6.520 min
Delta R.T.: -0.007 min
Response: 45795883
Conc: 541.13 ng/ml



#20 AR-1242-5

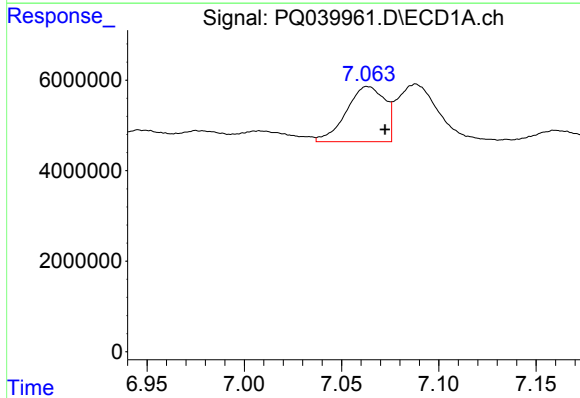
R.T.: 8.094 min
Delta R.T.: -0.011 min
Response: 141918201
Conc: 1174.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMC9



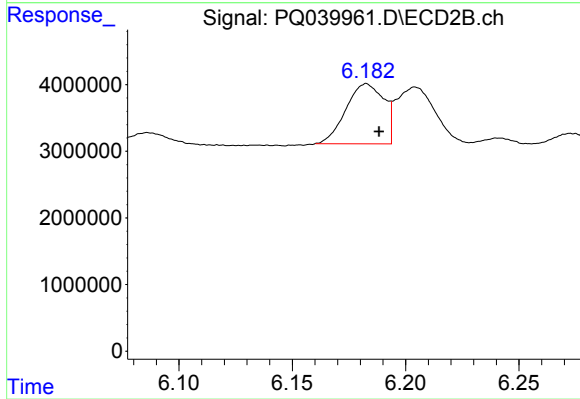
#20 AR-1242-5

R.T.: 7.134 min
Delta R.T.: -0.007 min
Response: 128161474
Conc: 1195.35 ng/ml



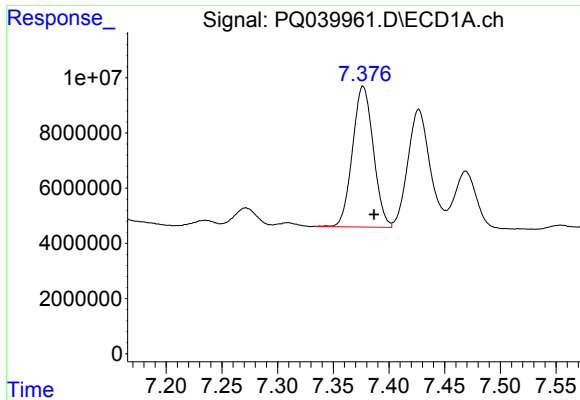
#21 AR-1248-1

R.T.: 7.064 min
Delta R.T.: -0.009 min
Response: 16805744
Conc: 129.41 ng/ml



#21 AR-1248-1

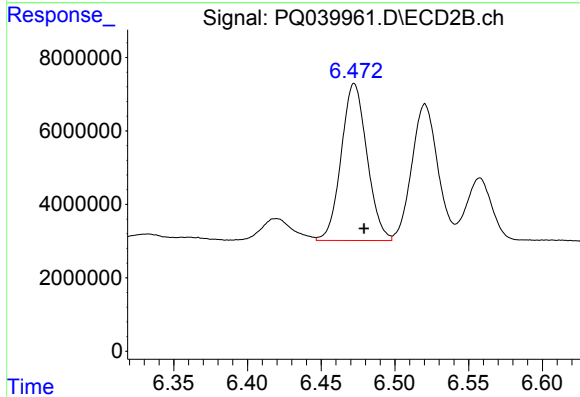
R.T.: 6.183 min
Delta R.T.: -0.006 min
Response: 10450306
Conc: 103.42 ng/ml



#22 AR-1248-2

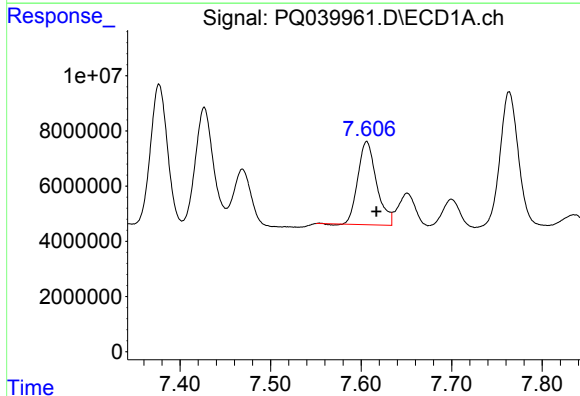
R.T.: 7.377 min
Delta R.T.: -0.010 min
Response: 66367836
Conc: 404.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMC9



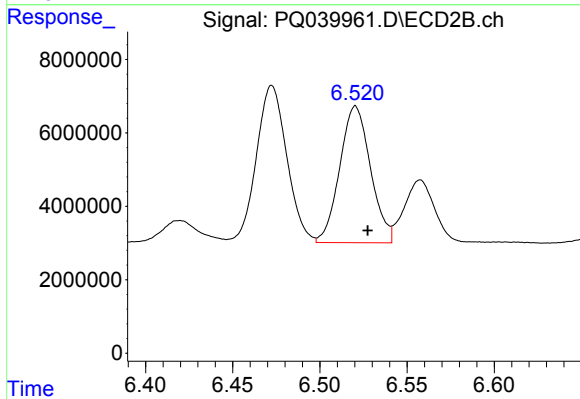
#22 AR-1248-2

R.T.: 6.472 min
Delta R.T.: -0.007 min
Response: 52059932
Conc: 411.13 ng/ml



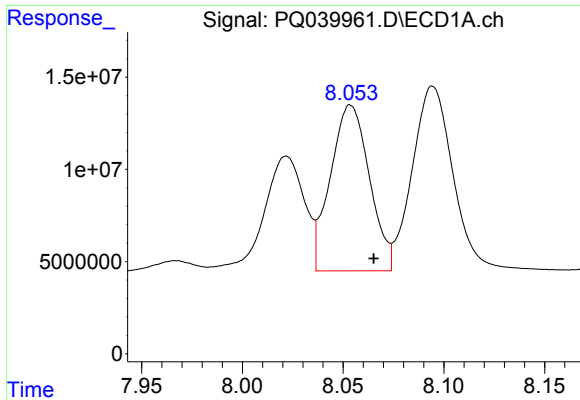
#23 AR-1248-3

R.T.: 7.606 min
Delta R.T.: -0.011 min
Response: 43171373
Conc: 222.42 ng/ml



#23 AR-1248-3

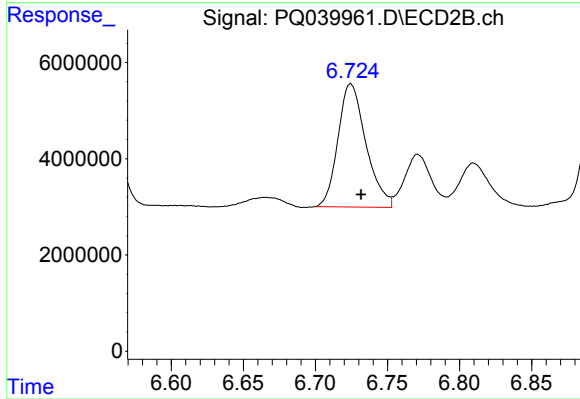
R.T.: 6.520 min
Delta R.T.: -0.007 min
Response: 45795883
Conc: 345.28 ng/ml



#24 AR-1248-4

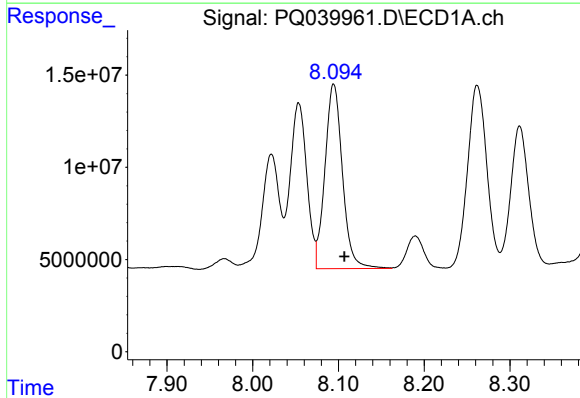
R.T.: 8.054 min
Delta R.T.: -0.012 min
Response: 121451873
Conc: 562.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMC9



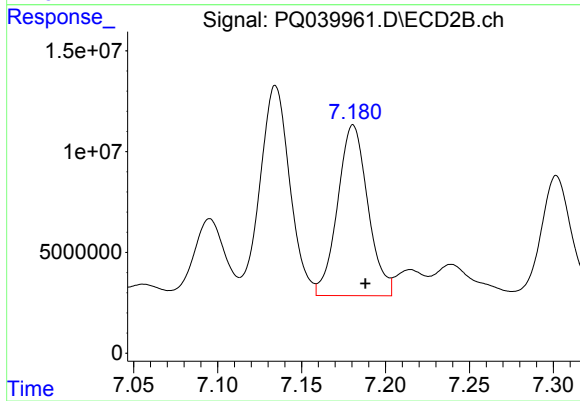
#24 AR-1248-4

R.T.: 6.724 min
Delta R.T.: -0.007 min
Response: 34367730
Conc: 209.77 ng/ml



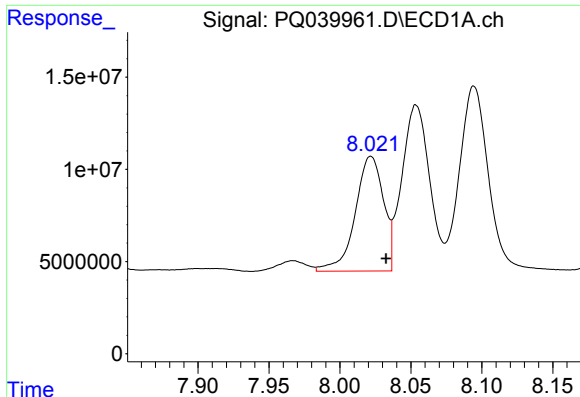
#25 AR-1248-5

R.T.: 8.094 min
Delta R.T.: -0.012 min
Response: 141918201
Conc: 680.82 ng/ml



#25 AR-1248-5

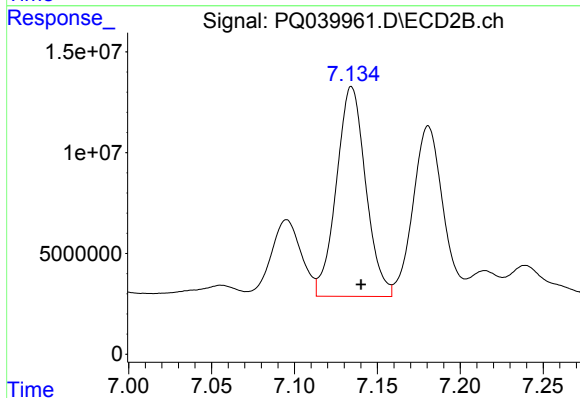
R.T.: 7.181 min
Delta R.T.: -0.007 min
Response: 106368160
Conc: 656.44 ng/ml



#26 AR-1254-1

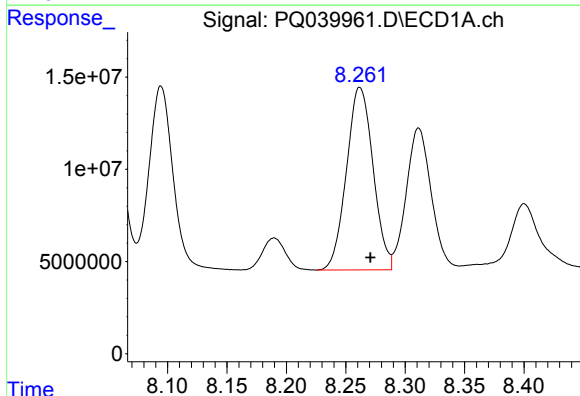
R.T.: 8.022 min
Delta R.T.: -0.011 min
Response: 86433469
Conc: 374.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMC9



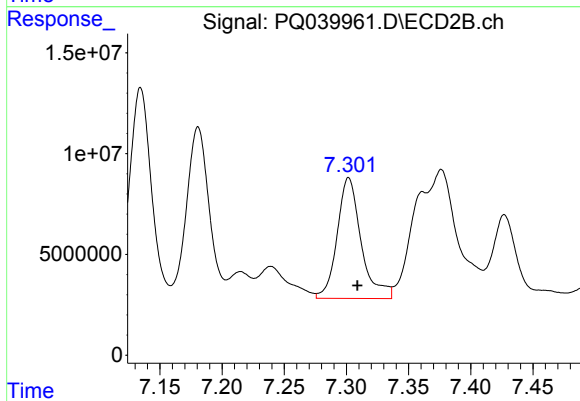
#26 AR-1254-1

R.T.: 7.134 min
Delta R.T.: -0.006 min
Response: 128161474
Conc: 483.90 ng/ml



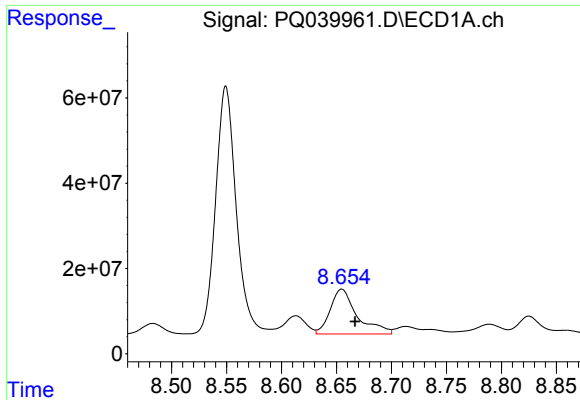
#27 AR-1254-2

R.T.: 8.262 min
Delta R.T.: -0.009 min
Response: 154384570
Conc: 428.39 ng/ml



#27 AR-1254-2

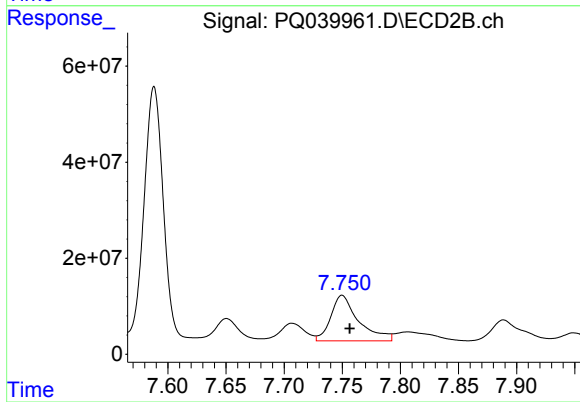
R.T.: 7.302 min
Delta R.T.: -0.007 min
Response: 80500678
Conc: 352.63 ng/ml



#28 AR-1254-3

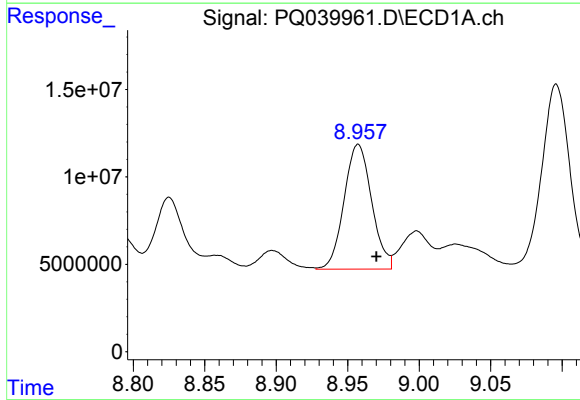
R.T.: 8.655 min
Delta R.T.: -0.012 min
Response: 178807164
Conc: 470.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMC9



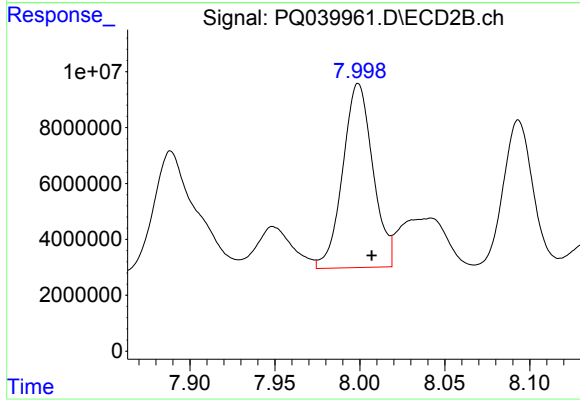
#28 AR-1254-3

R.T.: 7.750 min
Delta R.T.: -0.007 min
Response: 158253544
Conc: 428.30 ng/ml



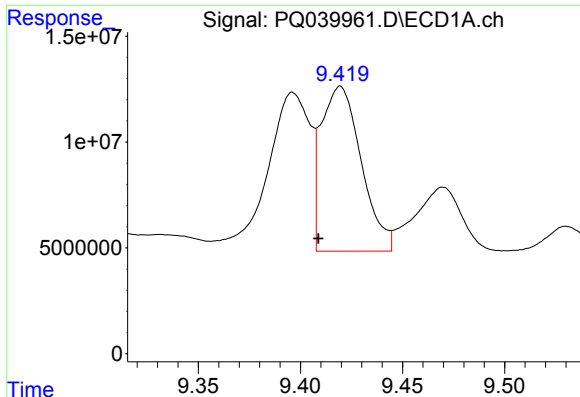
#29 AR-1254-4

R.T.: 8.957 min
Delta R.T.: -0.013 min
Response: 95890734
Conc: 351.33 ng/ml



#29 AR-1254-4

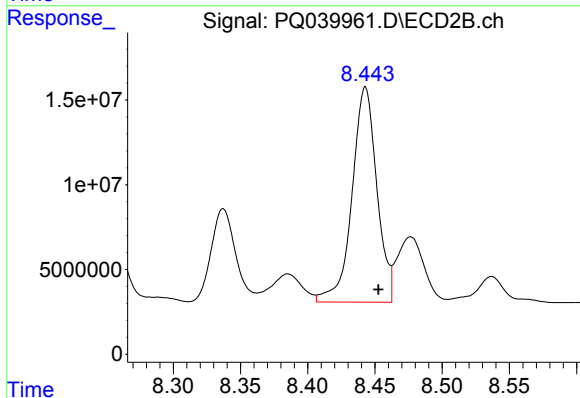
R.T.: 7.999 min
Delta R.T.: -0.008 min
Response: 81230486
Conc: 353.92 ng/ml



#30 AR-1254-5

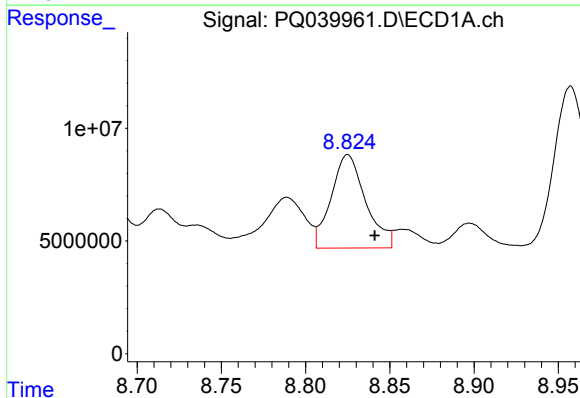
R.T.: 9.420 min
Delta R.T.: 0.011 min
Response: 106270789
Conc: 353.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMC9



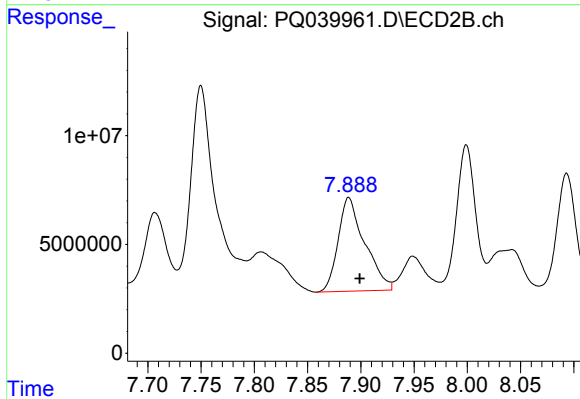
#30 AR-1254-5

R.T.: 8.443 min
Delta R.T.: -0.010 min
Response: 163005980
Conc: 523.56 ng/ml



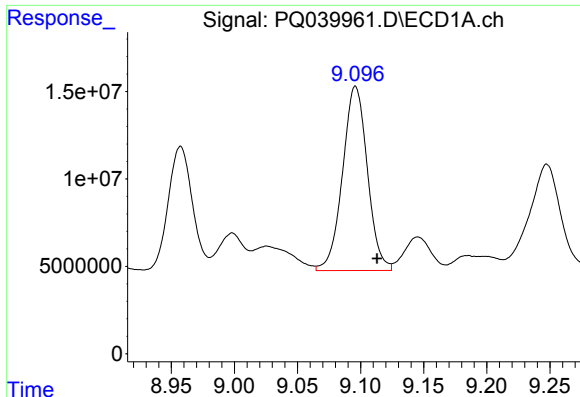
#31 AR-1260-1

R.T.: 8.825 min
Delta R.T.: -0.016 min
Response: 59111484
Conc: 132.48 ng/ml



#31 AR-1260-1

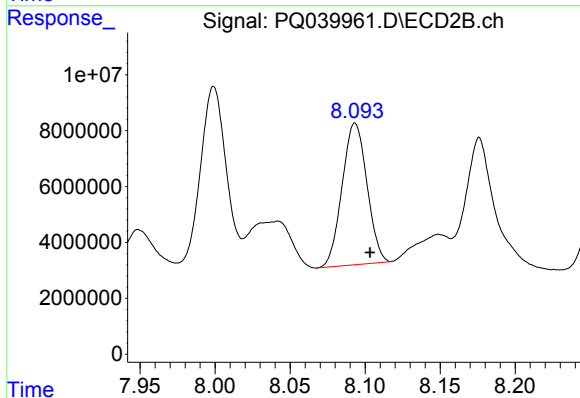
R.T.: 7.889 min
Delta R.T.: -0.010 min
Response: 74947298
Conc: 203.45 ng/ml



#32 AR-1260-2

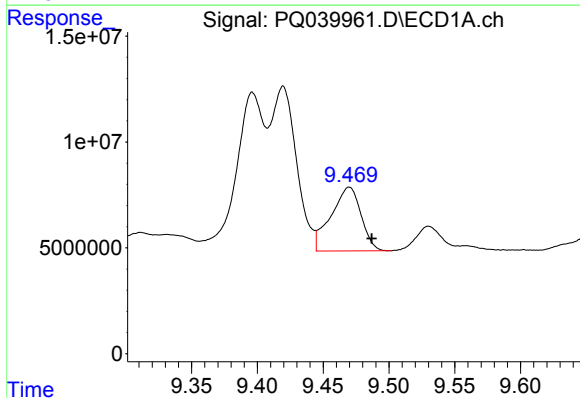
R.T.: 9.096 min
Delta R.T.: -0.017 min
Response: 144502790
Conc: 268.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMC9



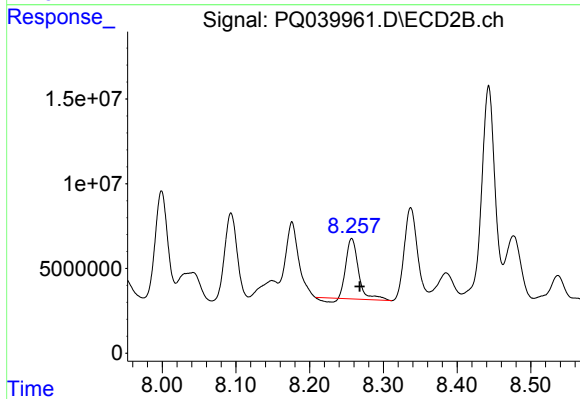
#32 AR-1260-2

R.T.: 8.093 min
Delta R.T.: -0.010 min
Response: 58455483
Conc: 128.50 ng/ml



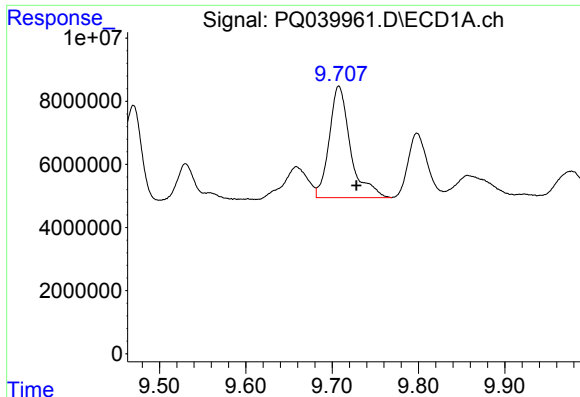
#33 AR-1260-3

R.T.: 9.470 min
Delta R.T.: -0.017 min
Response: 47957439
Conc: 119.53 ng/ml



#33 AR-1260-3

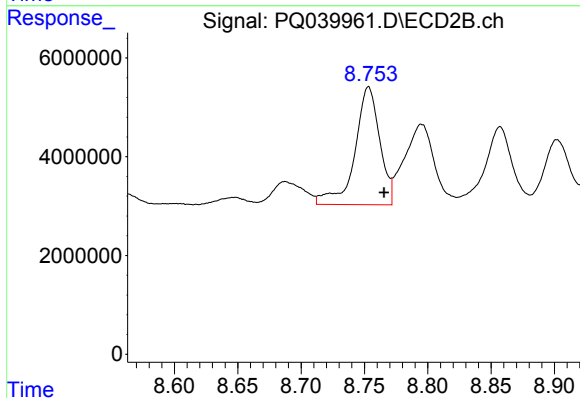
R.T.: 8.257 min
Delta R.T.: -0.011 min
Response: 40876235
Conc: 97.31 ng/ml



#34 AR-1260-4

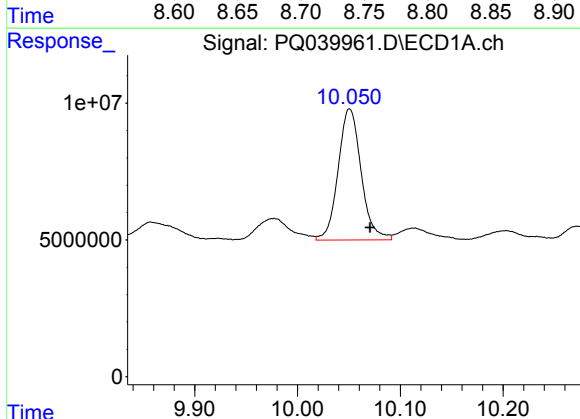
R.T.: 9.708 min
Delta R.T.: -0.020 min
Response: 60423495
Conc: 131.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMC9



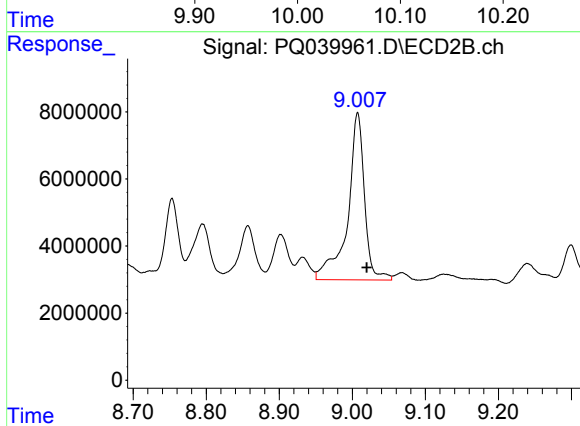
#34 AR-1260-4

R.T.: 8.753 min
Delta R.T.: -0.012 min
Response: 32651475
Conc: 98.65 ng/ml



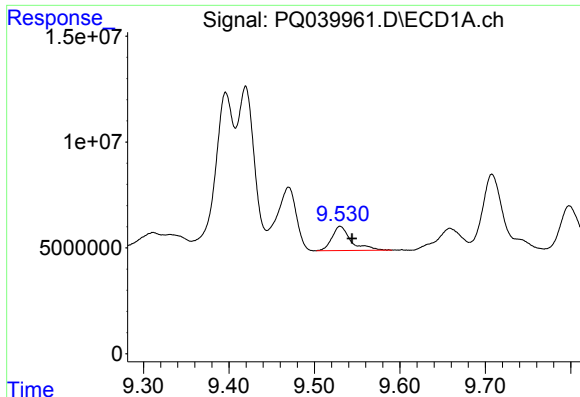
#35 AR-1260-5

R.T.: 10.051 min
Delta R.T.: -0.020 min
Response: 74528142
Conc: 77.31 ng/ml



#35 AR-1260-5

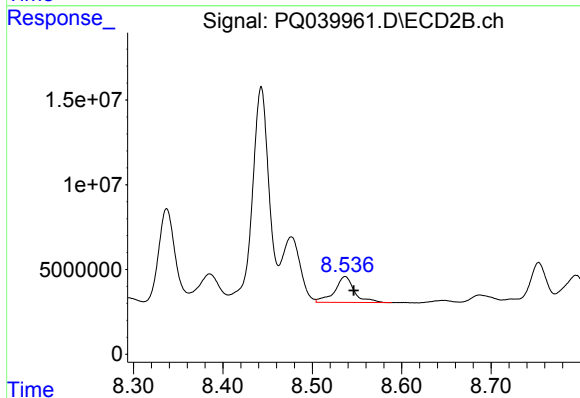
R.T.: 9.007 min
Delta R.T.: -0.012 min
Response: 79608353
Conc: 97.05 ng/ml



#36 AR-1262-1

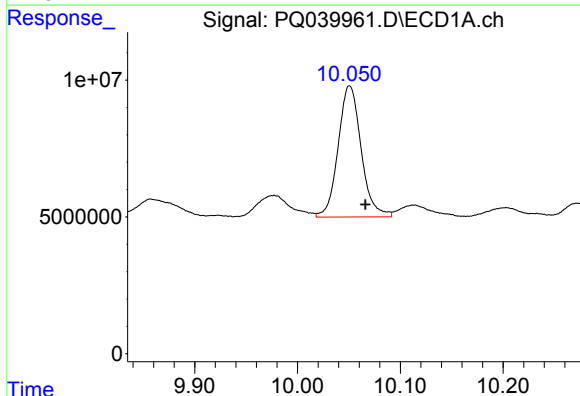
R.T.: 9.530 min
Delta R.T.: -0.014 min
Response: 17932201
Conc: 116.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMC9



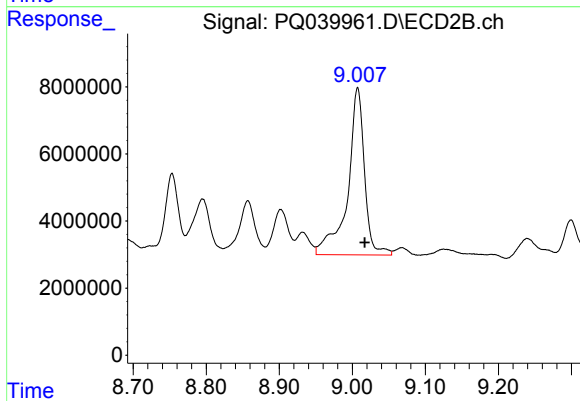
#36 AR-1262-1

R.T.: 8.537 min
Delta R.T.: -0.009 min
Response: 23555433
Conc: 176.23 ng/ml



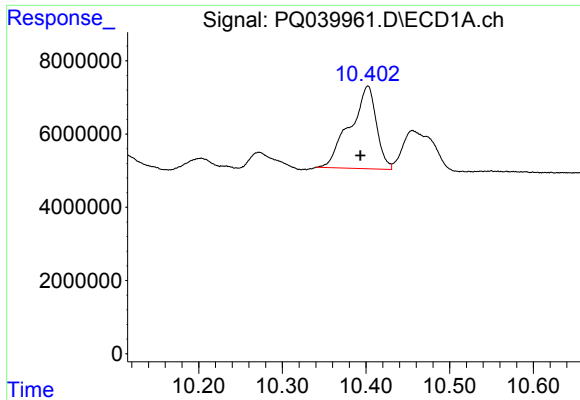
#37 AR-1262-2

R.T.: 10.051 min
Delta R.T.: -0.016 min
Response: 74528142
Conc: 110.23 ng/ml



#37 AR-1262-2

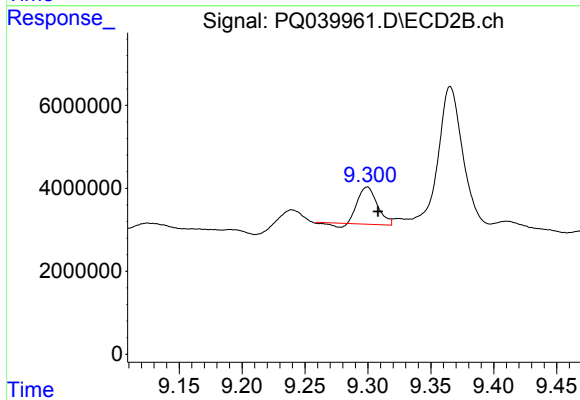
R.T.: 9.007 min
Delta R.T.: -0.009 min
Response: 79608353
Conc: 132.89 ng/ml



#38 AR-1262-3

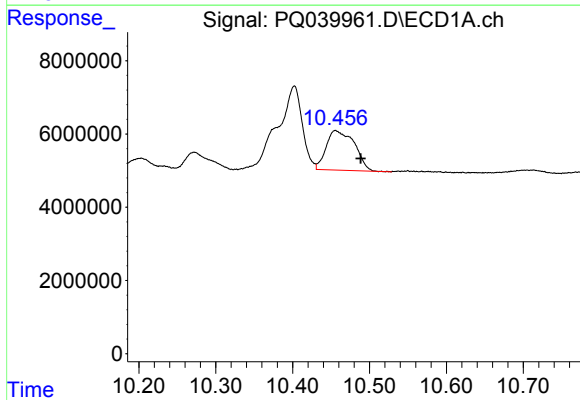
R.T.: 10.402 min
Delta R.T.: 0.009 min
Response: 49278315
Conc: 107.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMC9



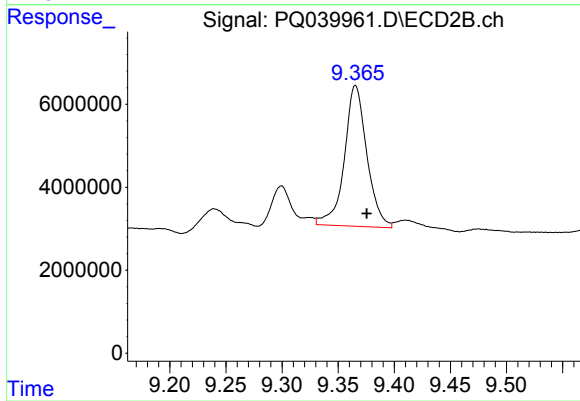
#38 AR-1262-3

R.T.: 9.299 min
Delta R.T.: -0.009 min
Response: 9342171
Conc: 40.53 ng/ml



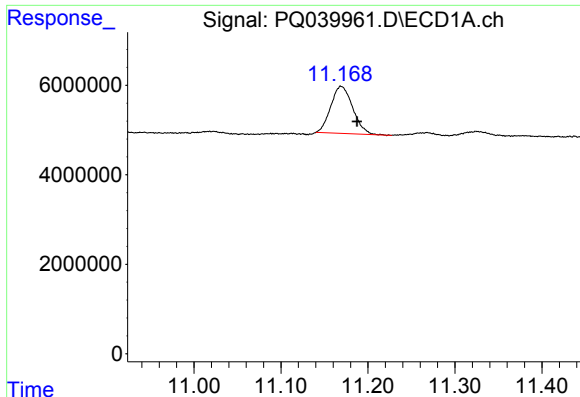
#39 AR-1262-4

R.T.: 10.456 min
Delta R.T.: -0.033 min
Response: 27547246
Conc: 74.85 ng/ml



#39 AR-1262-4

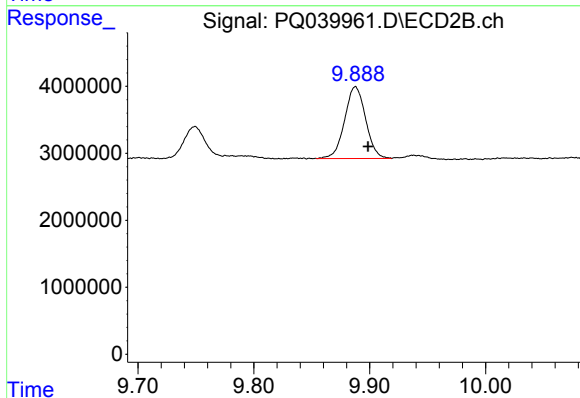
R.T.: 9.365 min
Delta R.T.: -0.010 min
Response: 47428534
Conc: 111.56 ng/ml



#40 AR-1262-5

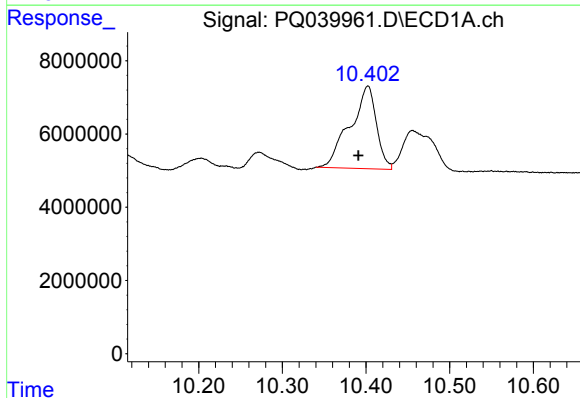
R.T.: 11.169 min
Delta R.T.: -0.018 min
Response: 18390949
Conc: 76.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMC9



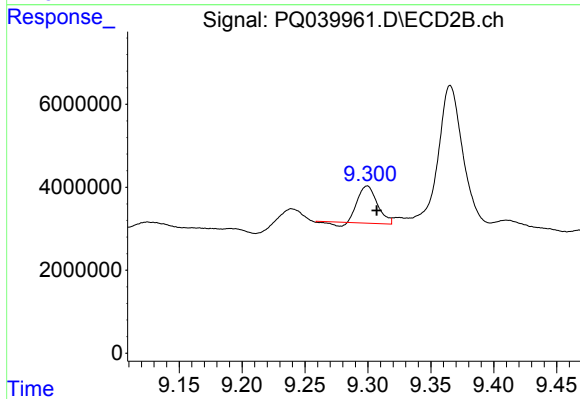
#40 AR-1262-5

R.T.: 9.888 min
Delta R.T.: -0.011 min
Response: 13529789
Conc: 75.54 ng/ml



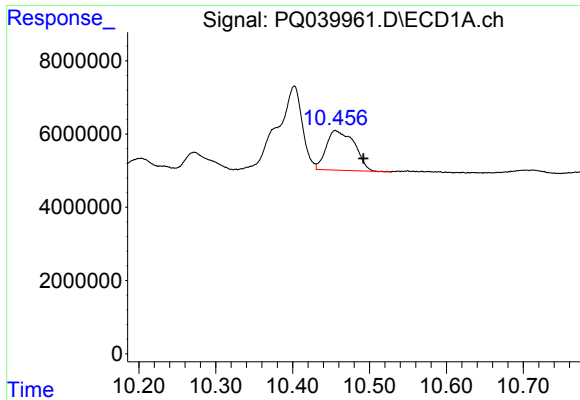
#41 AR-1268-1

R.T.: 10.402 min
Delta R.T.: 0.011 min
Response: 49278315
Conc: 40.69 ng/ml



#41 AR-1268-1

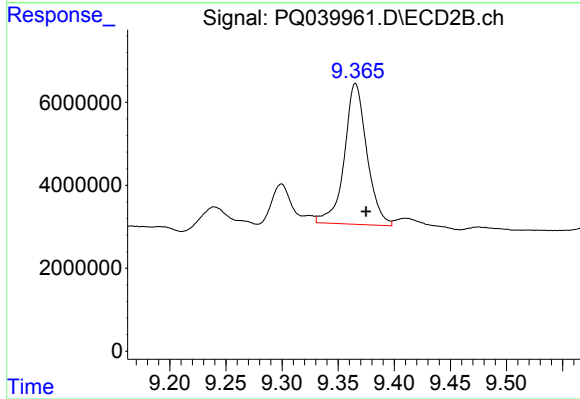
R.T.: 9.299 min
Delta R.T.: -0.008 min
Response: 9342171
Conc: 9.03 ng/ml



#42 AR-1268-2

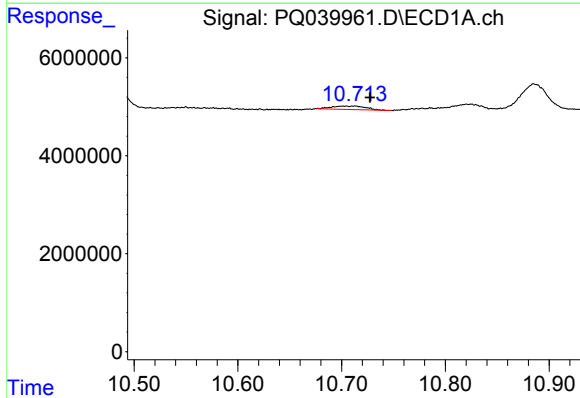
R.T.: 10.456 min
Delta R.T.: -0.036 min
Response: 27547246
Conc: 23.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMC9



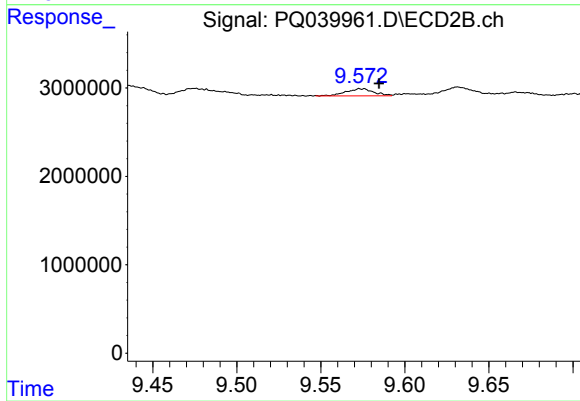
#42 AR-1268-2

R.T.: 9.365 min
Delta R.T.: -0.009 min
Response: 47428534
Conc: 49.56 ng/ml



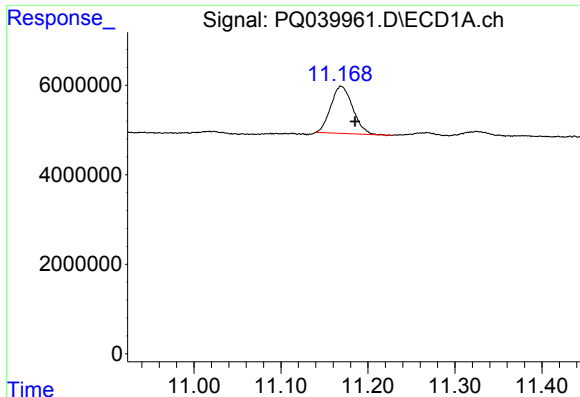
#43 AR-1268-3

R.T.: 10.713 min
Delta R.T.: -0.014 min
Response: 1554298
Conc: 1.53 ng/ml



#43 AR-1268-3

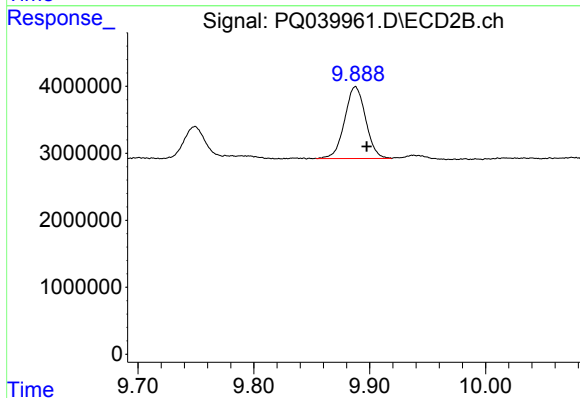
R.T.: 9.574 min
Delta R.T.: -0.010 min
Response: 943999
Conc: 1.17 ng/ml



#44 AR-1268-4

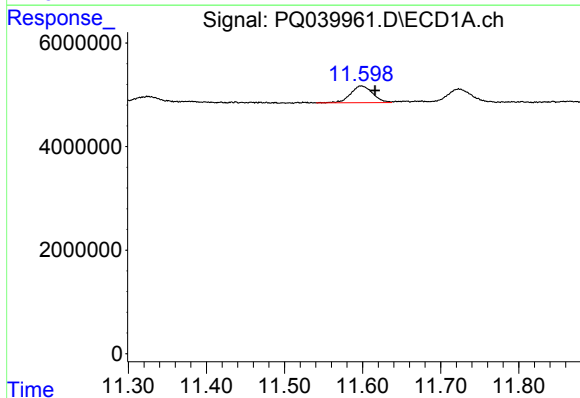
R.T.: 11.169 min
Delta R.T.: -0.016 min
Response: 18390949
Conc: 48.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETMC9



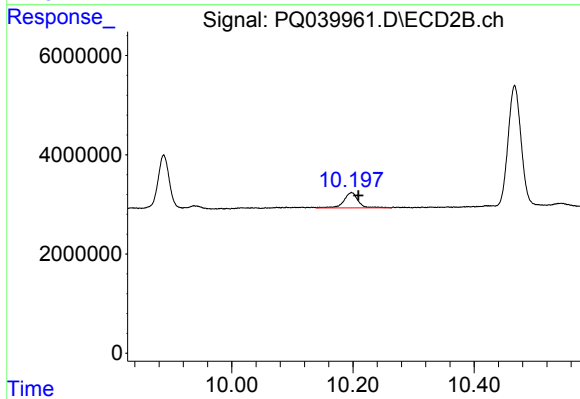
#44 AR-1268-4

R.T.: 9.888 min
Delta R.T.: -0.010 min
Response: 13529789
Conc: 45.11 ng/ml



#45 AR-1268-5

R.T.: 11.598 min
Delta R.T.: -0.018 min
Response: 6379854
Conc: 1.93 ng/ml



#45 AR-1268-5

R.T.: 10.198 min
Delta R.T.: -0.011 min
Response: 5053121
Conc: 2.06 ng/ml