

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080219\
 Data File : PQ041990.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Aug 2019 16:44
 Operator : SM\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 05 00:17:51 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jul 29 04:03:40 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...	5.693	4.752	48042373	39137531	20.948	20.308
2)	SA Decachlor...	12.093	10.509	253.7E6	167.9E6	30.085	34.714
Target Compounds							
3)	L1 AR-1016-1	7.139	6.205	45059259	41458370	416.891	399.524
4)	L1 AR-1016-2	7.164	6.226	66213267	57778537	423.013	403.286
5)	L1 AR-1016-3	7.235	6.440	39641219	30742546	409.822	412.253
6)	L1 AR-1016-4	7.348	6.494	32113015	22912978	411.630	369.503
7)	L1 AR-1016-5	7.682	6.748	32693436	31586945	415.893	388.030
8)	L2 AR-1221-1	0.000	5.058	0	2660897	N.D.	129.224 #
9)	L2 AR-1221-2	6.083	5.176	3749854	3624375	217.015	226.953
10)	L2 AR-1221-3	6.177	5.280	18015465	16590756	292.720	304.239
11)	L3 AR-1232-1	6.177	5.280	18015465	16590756	332.903	343.581
12)	L3 AR-1232-2	6.822	6.226	26736955	57778537	813.744	1013.164
13)	L3 AR-1232-3	7.164	6.440	66213267	30742546	991.759	1030.954
14)	L3 AR-1232-4	7.348	6.544	32113015	30680462	1001.134	1149.223
15)	L3 AR-1232-5	7.454	6.748	26114004	31586945	1215.155	1077.092
16)	L4 AR-1242-1	7.139	6.205	45059259	41458370	503.742	506.580
17)	L4 AR-1242-2	7.164	6.226	66213267	57778537	514.912	511.596
18)	L4 AR-1242-3	7.235	6.440	39641219	30742546	488.876	520.419
19)	L4 AR-1242-4	7.348	6.544	32113015	30680462	499.521	517.401
20)	L4 AR-1242-5	8.172	7.156	4519122	29187449	50.934	328.709 #
21)	L5 AR-1248-1	7.139	6.205	45059259	41458370	607.791	625.278
22)	L5 AR-1248-2	7.454	6.494	26114004	22912978	283.038	262.801
23)	L5 AR-1248-3	7.682	6.544	32693436	30680462	291.798	343.737
24)	L5 AR-1248-4	8.129	6.748	4367814	31586945	27.935	286.785 #
25)	L5 AR-1248-5	8.172	7.201	4519122	11203160	29.864	87.405 #
26)	L6 AR-1254-1	8.100	7.156	21833453	29187449	156.946	159.595
27)	L6 AR-1254-2	8.337	7.324	31170993	29124633	136.188	179.925 #
28)	L6 AR-1254-3	8.733	7.788	20706391	53983690	75.729	187.179 #
29)	L6 AR-1254-4	9.033	8.021	13782321	9513048	55.986	43.824
30)	L6 AR-1254-5	9.472	8.467	114.6E6	104.6E6	423.041	347.705
31)	L7 AR-1260-1	8.904	7.914	58494015	73981825	328.830	407.771
32)	L7 AR-1260-2	9.175	8.116	96312500	97814411	381.776	398.696
33)	L7 AR-1260-3	9.550	8.282	79890814	83109130	348.664	390.592
34)	L7 AR-1260-4	9.793	8.780	94640010	75116653	370.640	371.333
35)	L7 AR-1260-5	10.141	9.031	226.0E6	203.9E6	335.478	345.506
36)	L8 AR-1262-1	9.611	8.563	40924717	42017917	266.272	292.880
37)	L8 AR-1262-2	10.141	9.031	226.0E6	203.9E6	258.134	275.173
38)	L8 AR-1262-3	10.496	9.325	163.2E6	49154469	256.933	155.370 #
39)	L8 AR-1262-4	10.555	9.391	140.5E6	147.7E6	280.640	262.716
40)	L8 AR-1262-5	11.286	9.915	85775044	58313719	210.693	204.176
41)	L9 AR-1268-1	10.496	9.325	163.2E6	49154469	114.530	42.998 #

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 Acq On : 02 Aug 2019 16:44
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 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

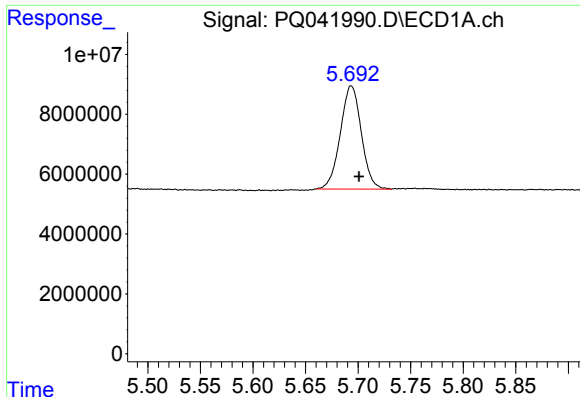
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 05 00:17:51 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.M
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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
42) L9	AR-1268-2	10.555	9.391	140.5E6	147.7E6	106.540	143.920 #
43) L9	AR-1268-3	10.822	9.605	3831032	3014177	3.274	3.469
44) L9	AR-1268-4	11.286	9.915	85775044	58313719	157.554	151.595
45) L9	AR-1268-5	11.729	10.231	27171670	14906022	6.704	5.739

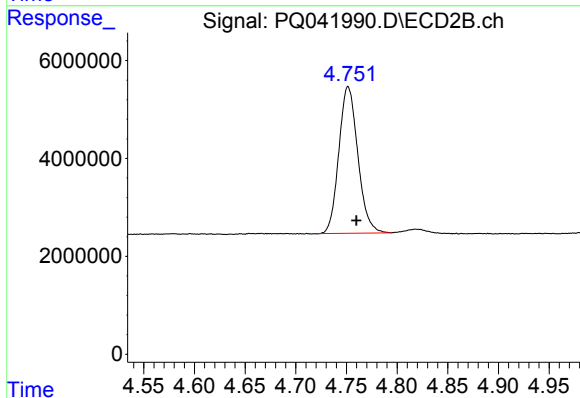
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

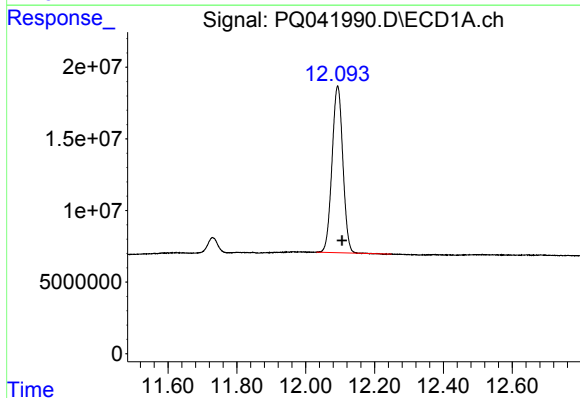
R.T.: 5.693 min
Delta R.T.: -0.008 min
Response: 48042373
Conc: 20.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



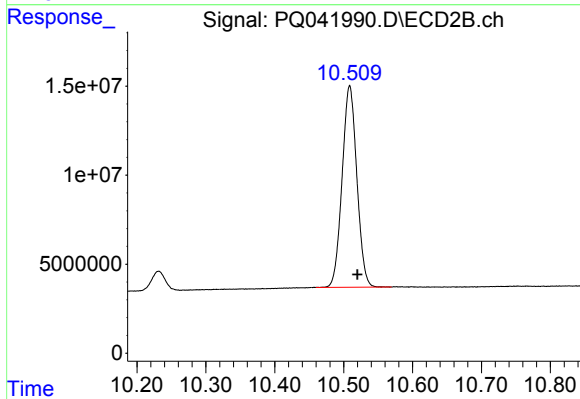
#1 Tetrachloro-m-xylene

R.T.: 4.752 min
Delta R.T.: -0.008 min
Response: 39137531
Conc: 20.31 ng/ml



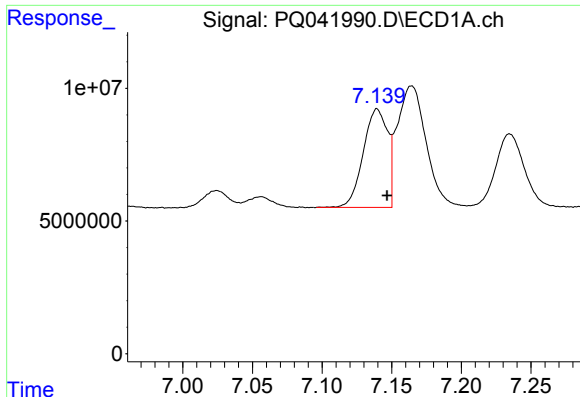
#2 Decachlorobiphenyl

R.T.: 12.093 min
Delta R.T.: -0.013 min
Response: 253657941
Conc: 30.09 ng/ml



#2 Decachlorobiphenyl

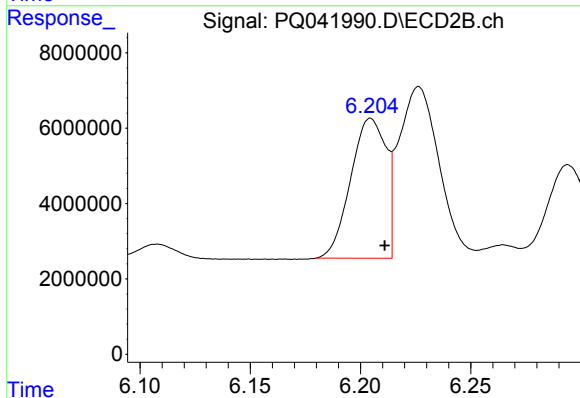
R.T.: 10.509 min
Delta R.T.: -0.011 min
Response: 167926053
Conc: 34.71 ng/ml



#3 AR-1016-1

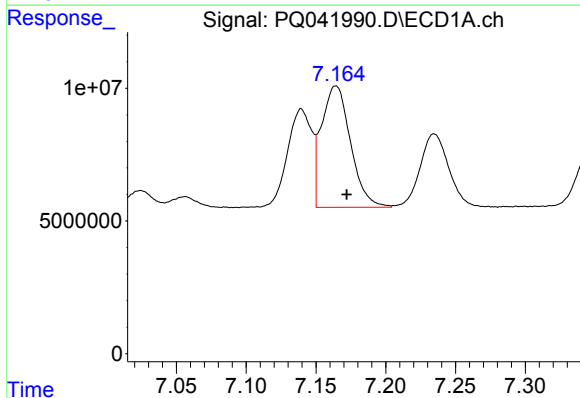
R.T.: 7.139 min
Delta R.T.: -0.007 min
Response: 45059259
Conc: 416.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



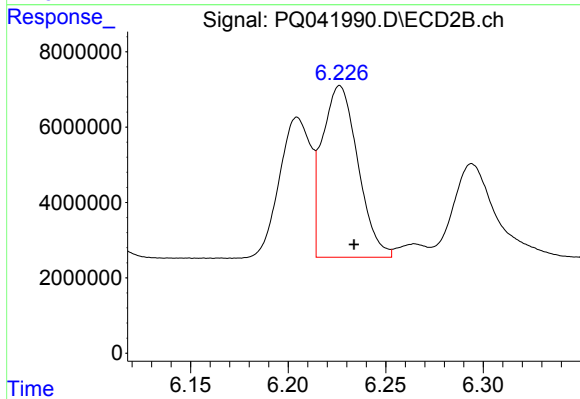
#3 AR-1016-1

R.T.: 6.205 min
Delta R.T.: -0.006 min
Response: 41458370
Conc: 399.52 ng/ml



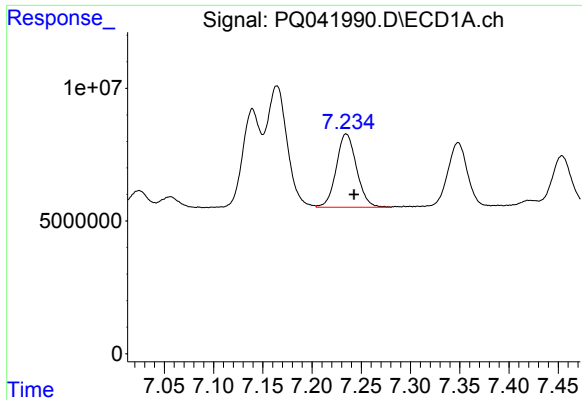
#4 AR-1016-2

R.T.: 7.164 min
Delta R.T.: -0.008 min
Response: 66213267
Conc: 423.01 ng/ml



#4 AR-1016-2

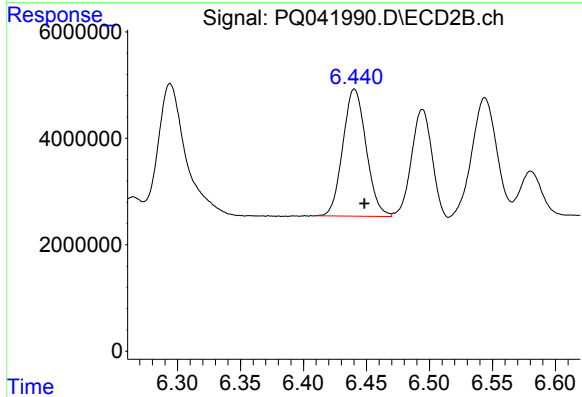
R.T.: 6.226 min
Delta R.T.: -0.007 min
Response: 57778537
Conc: 403.29 ng/ml



#5 AR-1016-3

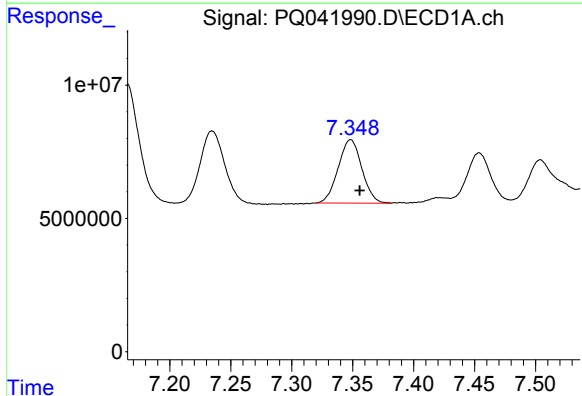
R.T.: 7.235 min
Delta R.T.: -0.008 min
Response: 39641219
Conc: 409.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



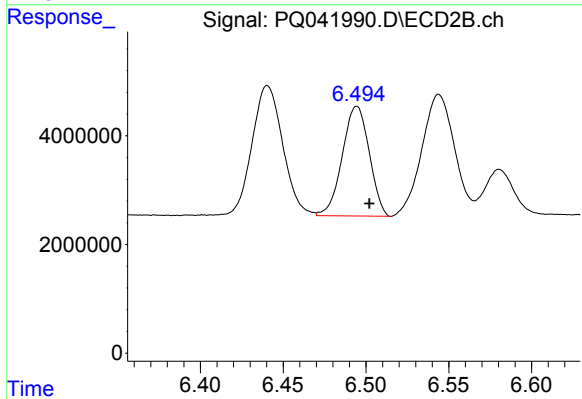
#5 AR-1016-3

R.T.: 6.440 min
Delta R.T.: -0.008 min
Response: 30742546
Conc: 412.25 ng/ml



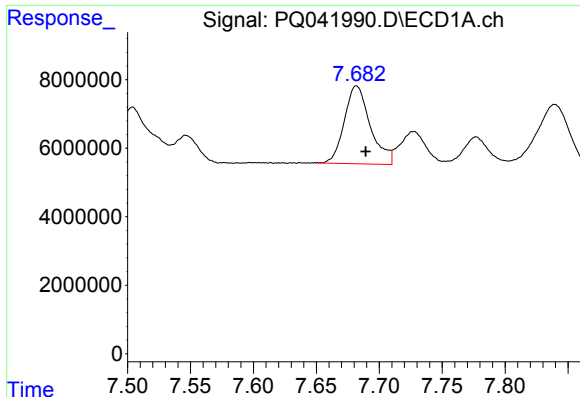
#6 AR-1016-4

R.T.: 7.348 min
Delta R.T.: -0.007 min
Response: 32113015
Conc: 411.63 ng/ml



#6 AR-1016-4

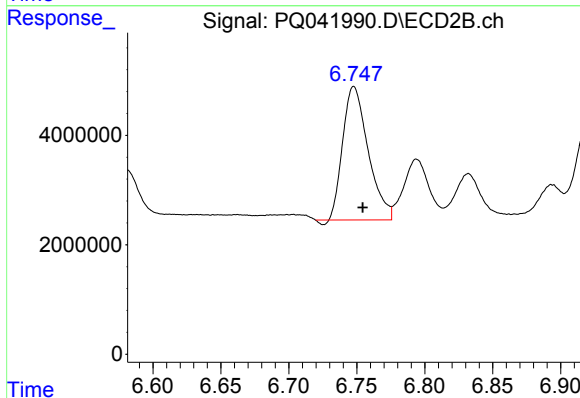
R.T.: 6.494 min
Delta R.T.: -0.008 min
Response: 22912978
Conc: 369.50 ng/ml



#7 AR-1016-5

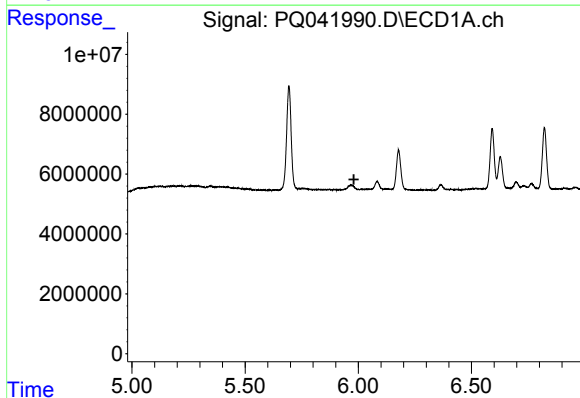
R.T.: 7.682 min
Delta R.T.: -0.007 min
Response: 32693436
Conc: 415.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



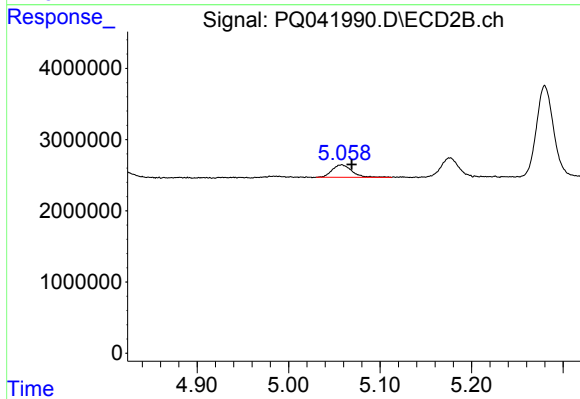
#7 AR-1016-5

R.T.: 6.748 min
Delta R.T.: -0.006 min
Response: 31586945
Conc: 388.03 ng/ml



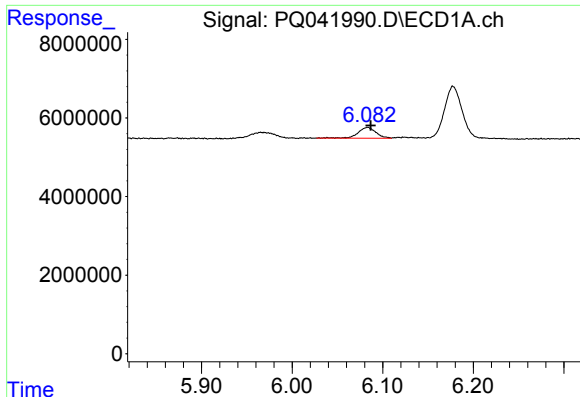
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.980 min
Response: 0
Conc: N.D.



#8 AR-1221-1

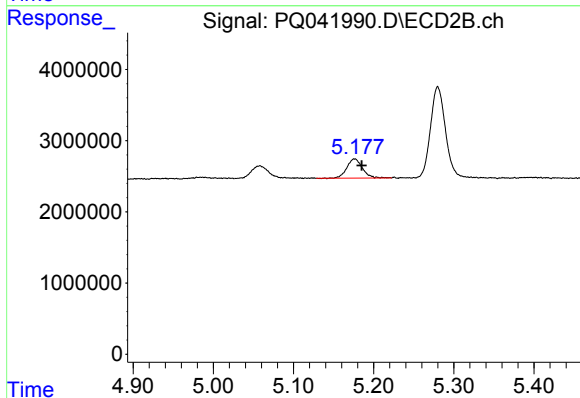
R.T.: 5.058 min
Delta R.T.: -0.010 min
Response: 2660897
Conc: 129.22 ng/ml



#9 AR-1221-2

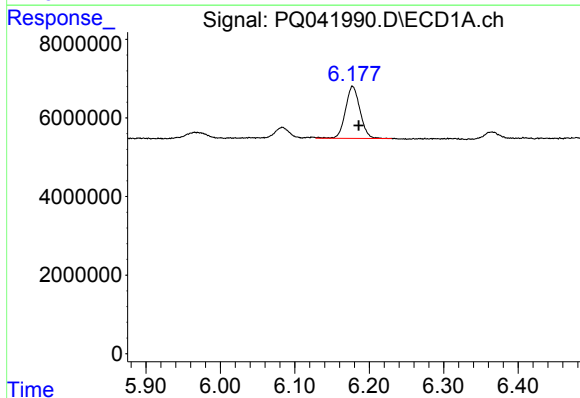
R.T.: 6.083 min
Delta R.T.: -0.003 min
Response: 3749854
Conc: 217.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



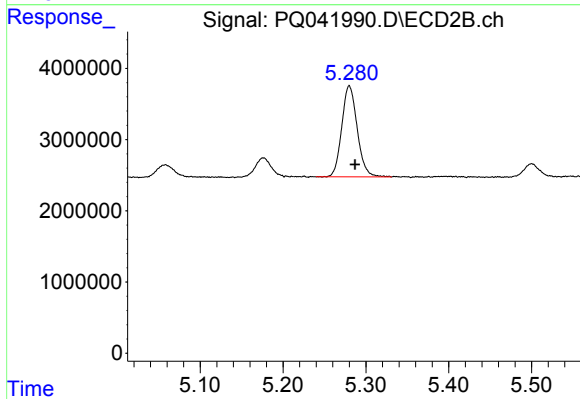
#9 AR-1221-2

R.T.: 5.176 min
Delta R.T.: -0.009 min
Response: 3624375
Conc: 226.95 ng/ml



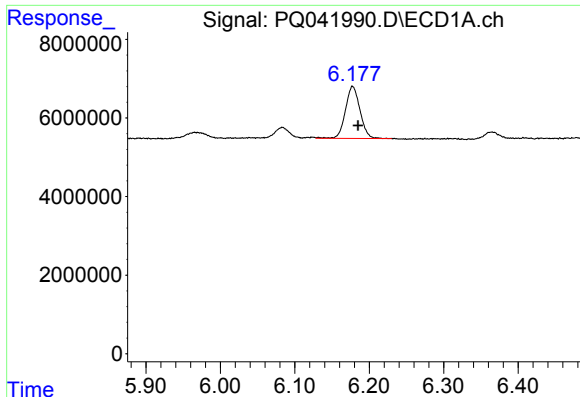
#10 AR-1221-3

R.T.: 6.177 min
Delta R.T.: -0.008 min
Response: 18015465
Conc: 292.72 ng/ml



#10 AR-1221-3

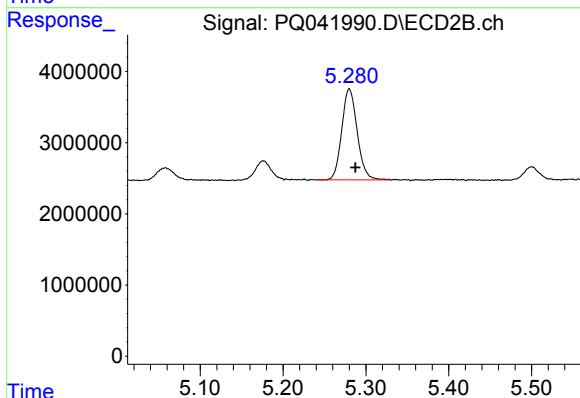
R.T.: 5.280 min
Delta R.T.: -0.007 min
Response: 16590756
Conc: 304.24 ng/ml



#11 AR-1232-1

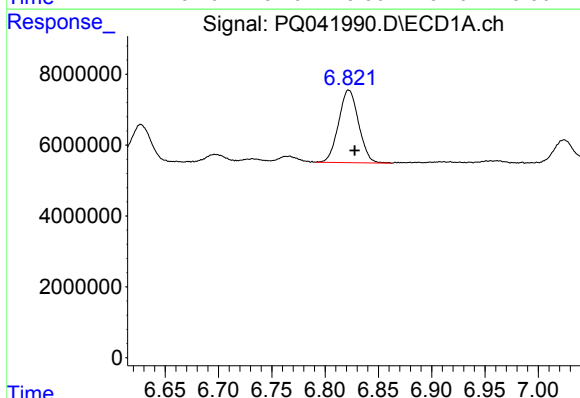
R.T.: 6.177 min
Delta R.T.: -0.008 min
Response: 18015465
Conc: 332.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



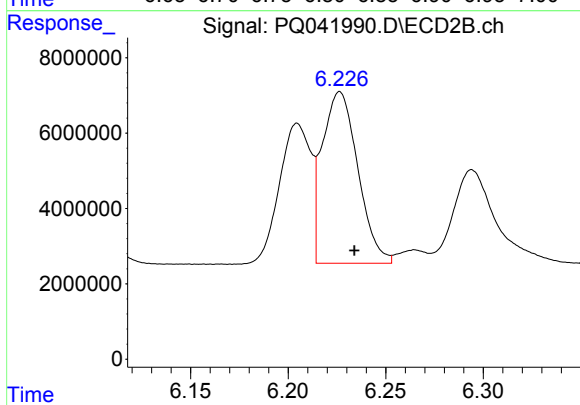
#11 AR-1232-1

R.T.: 5.280 min
Delta R.T.: -0.008 min
Response: 16590756
Conc: 343.58 ng/ml



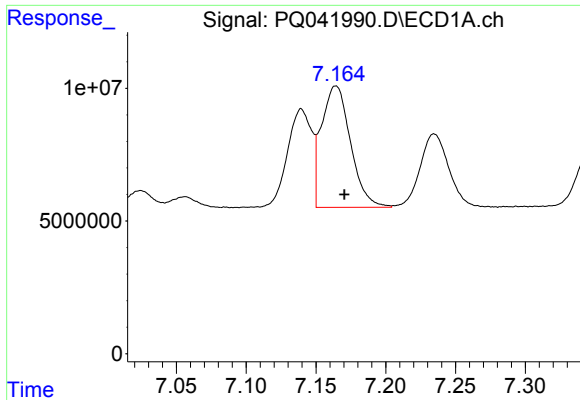
#12 AR-1232-2

R.T.: 6.822 min
Delta R.T.: -0.005 min
Response: 26736955
Conc: 813.74 ng/ml



#12 AR-1232-2

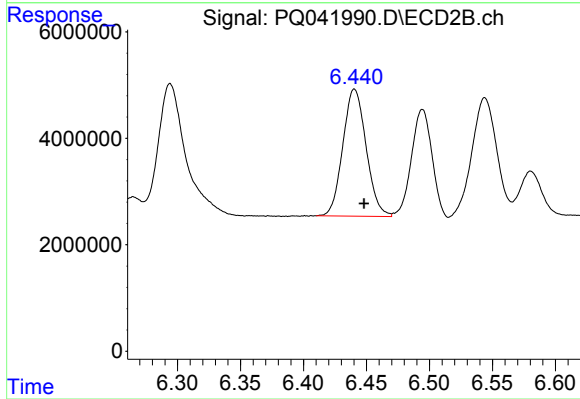
R.T.: 6.226 min
Delta R.T.: -0.008 min
Response: 57778537
Conc: 1013.16 ng/ml



#13 AR-1232-3

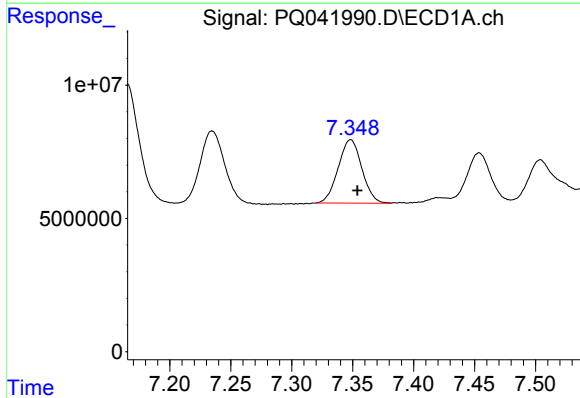
R.T.: 7.164 min
Delta R.T.: -0.006 min
Response: 66213267
Conc: 991.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



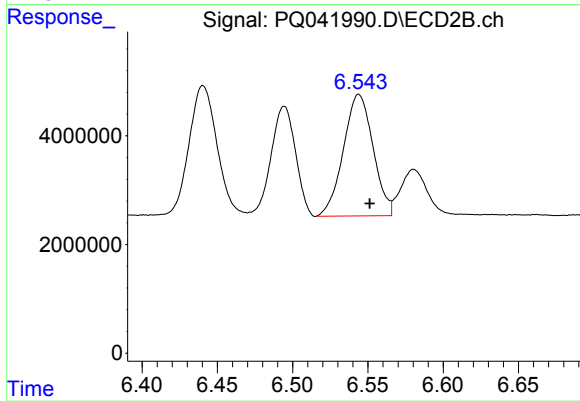
#13 AR-1232-3

R.T.: 6.440 min
Delta R.T.: -0.008 min
Response: 30742546
Conc: 1030.95 ng/ml



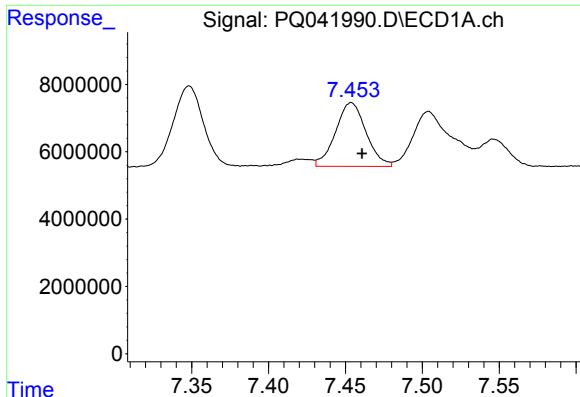
#14 AR-1232-4

R.T.: 7.348 min
Delta R.T.: -0.006 min
Response: 32113015
Conc: 1001.13 ng/ml



#14 AR-1232-4

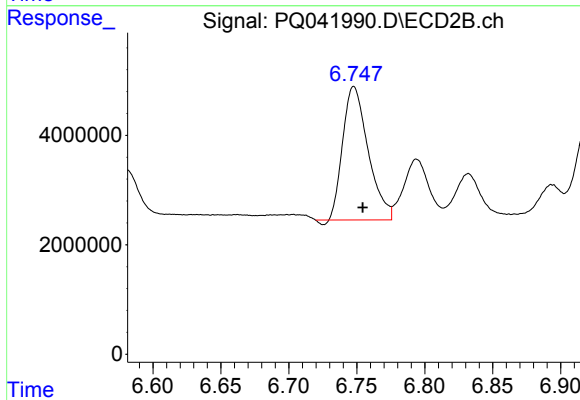
R.T.: 6.544 min
Delta R.T.: -0.007 min
Response: 30680462
Conc: 1149.22 ng/ml



#15 AR-1232-5

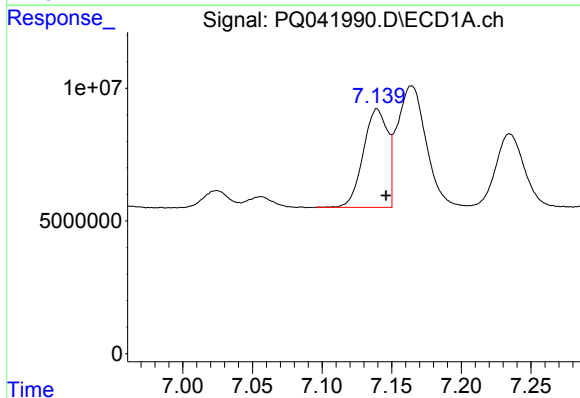
R.T.: 7.454 min
Delta R.T.: -0.007 min
Response: 26114004
Conc: 1215.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



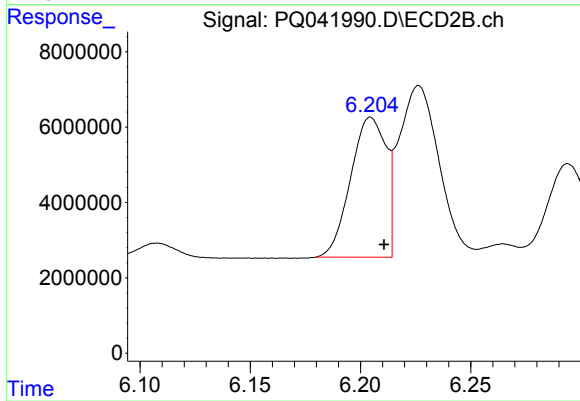
#15 AR-1232-5

R.T.: 6.748 min
Delta R.T.: -0.006 min
Response: 31586945
Conc: 1077.09 ng/ml



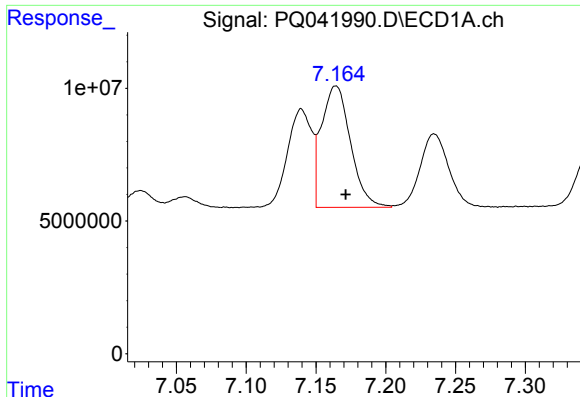
#16 AR-1242-1

R.T.: 7.139 min
Delta R.T.: -0.007 min
Response: 45059259
Conc: 503.74 ng/ml



#16 AR-1242-1

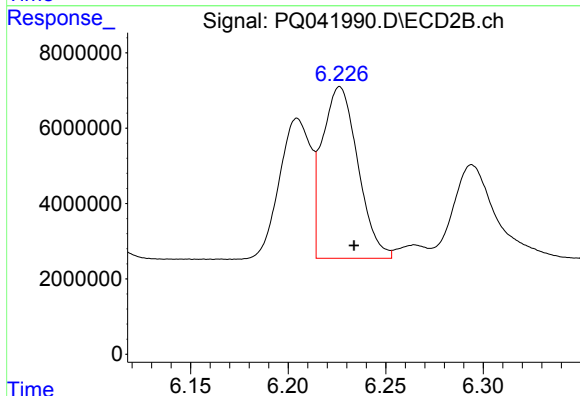
R.T.: 6.205 min
Delta R.T.: -0.006 min
Response: 41458370
Conc: 506.58 ng/ml



#17 AR-1242-2

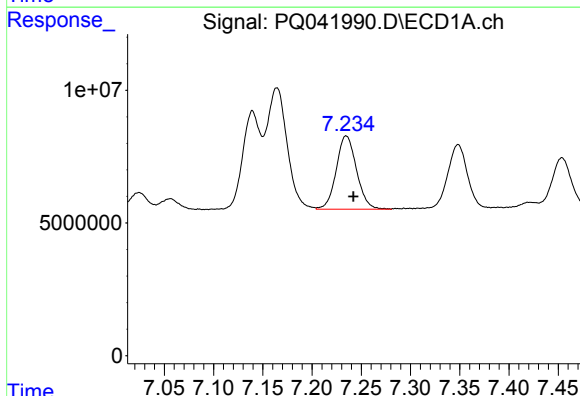
R.T.: 7.164 min
Delta R.T.: -0.007 min
Response: 66213267
Conc: 514.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



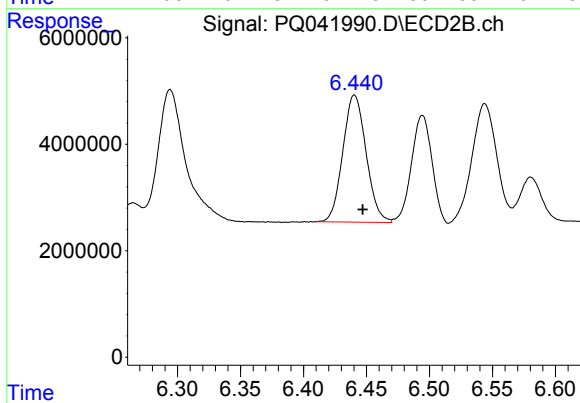
#17 AR-1242-2

R.T.: 6.226 min
Delta R.T.: -0.007 min
Response: 57778537
Conc: 511.60 ng/ml



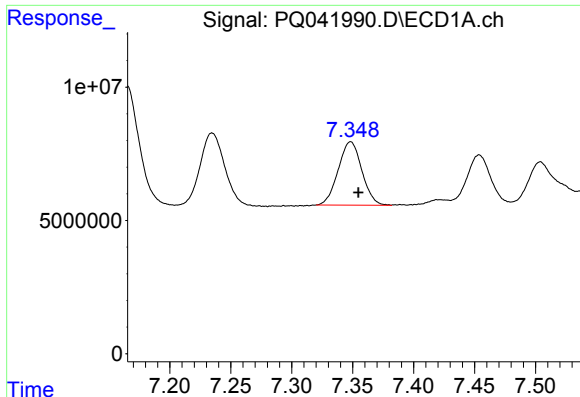
#18 AR-1242-3

R.T.: 7.235 min
Delta R.T.: -0.007 min
Response: 39641219
Conc: 488.88 ng/ml



#18 AR-1242-3

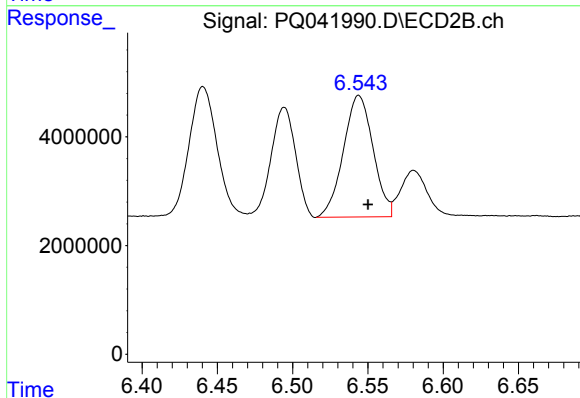
R.T.: 6.440 min
Delta R.T.: -0.007 min
Response: 30742546
Conc: 520.42 ng/ml



#19 AR-1242-4

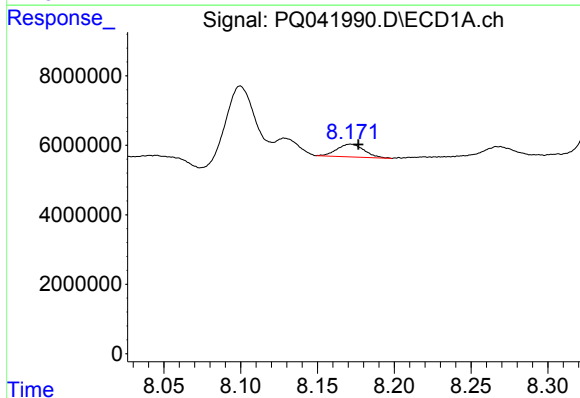
R.T.: 7.348 min
Delta R.T.: -0.006 min
Response: 32113015
Conc: 499.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



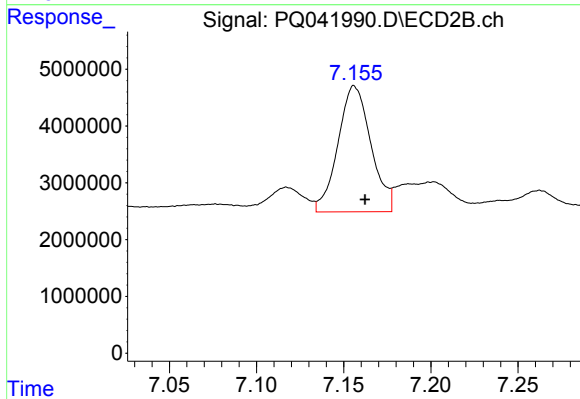
#19 AR-1242-4

R.T.: 6.544 min
Delta R.T.: -0.006 min
Response: 30680462
Conc: 517.40 ng/ml



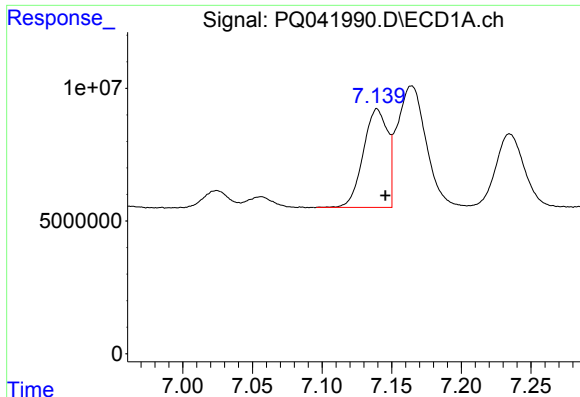
#20 AR-1242-5

R.T.: 8.172 min
Delta R.T.: -0.005 min
Response: 4519122
Conc: 50.93 ng/ml



#20 AR-1242-5

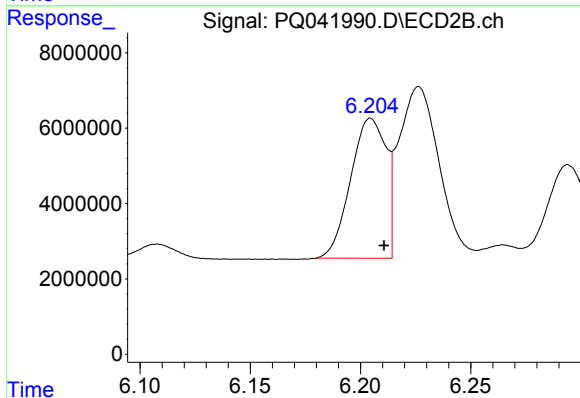
R.T.: 7.156 min
Delta R.T.: -0.006 min
Response: 29187449
Conc: 328.71 ng/ml



#21 AR-1248-1

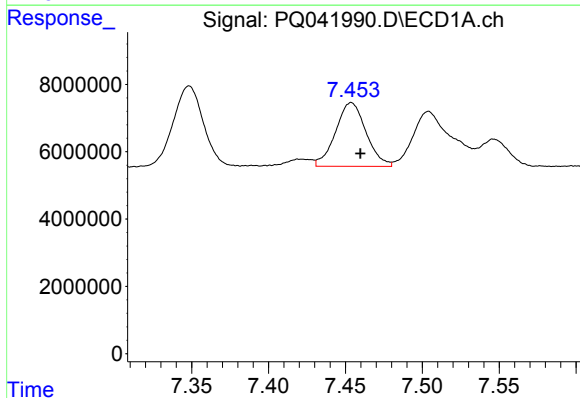
R.T.: 7.139 min
Delta R.T.: -0.006 min
Response: 45059259
Conc: 607.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



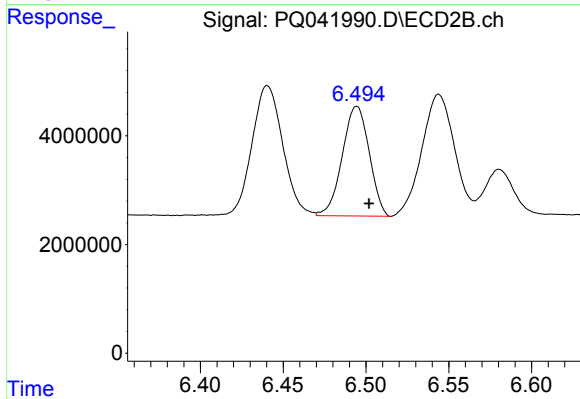
#21 AR-1248-1

R.T.: 6.205 min
Delta R.T.: -0.006 min
Response: 41458370
Conc: 625.28 ng/ml



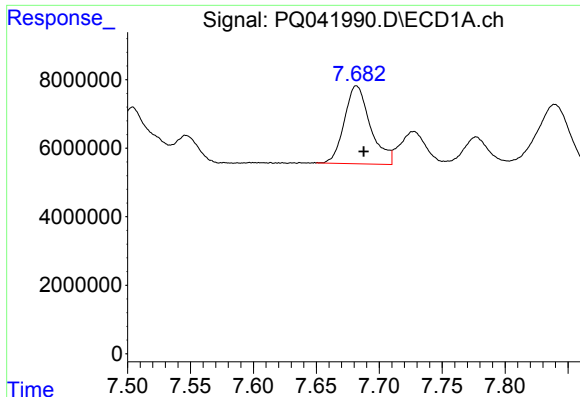
#22 AR-1248-2

R.T.: 7.454 min
Delta R.T.: -0.006 min
Response: 26114004
Conc: 283.04 ng/ml



#22 AR-1248-2

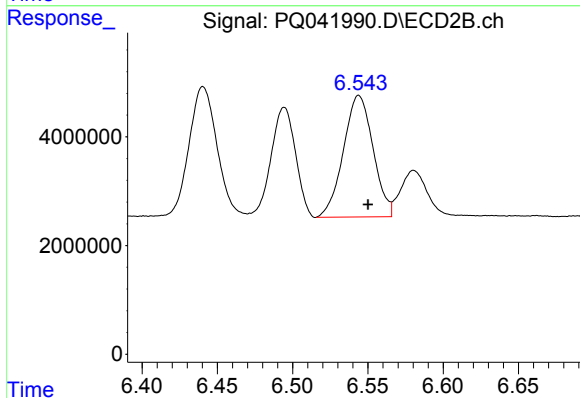
R.T.: 6.494 min
Delta R.T.: -0.007 min
Response: 22912978
Conc: 262.80 ng/ml



#23 AR-1248-3

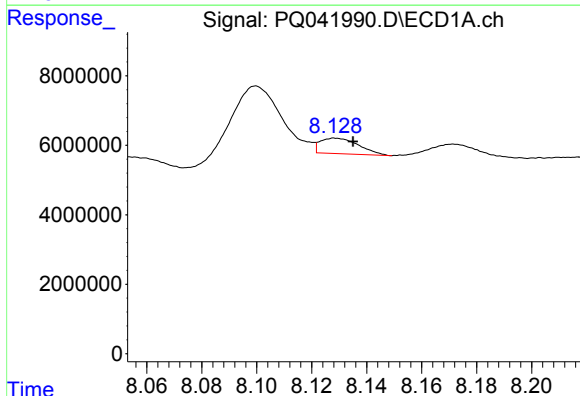
R.T.: 7.682 min
Delta R.T.: -0.006 min
Response: 32693436
Conc: 291.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



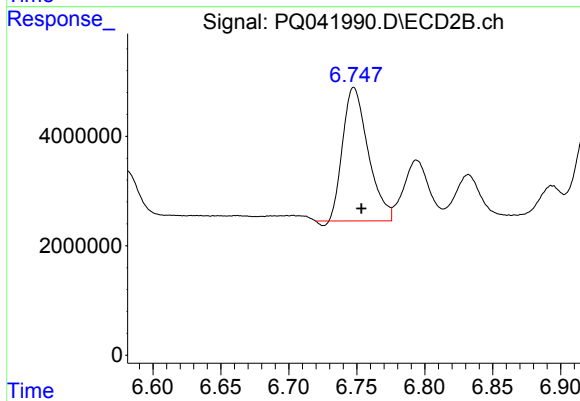
#23 AR-1248-3

R.T.: 6.544 min
Delta R.T.: -0.006 min
Response: 30680462
Conc: 343.74 ng/ml



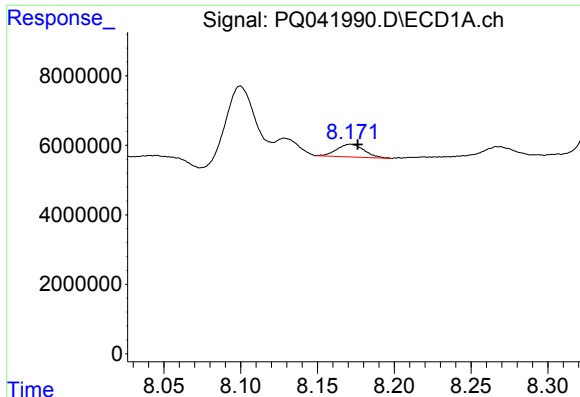
#24 AR-1248-4

R.T.: 8.129 min
Delta R.T.: -0.006 min
Response: 4367814
Conc: 27.93 ng/ml



#24 AR-1248-4

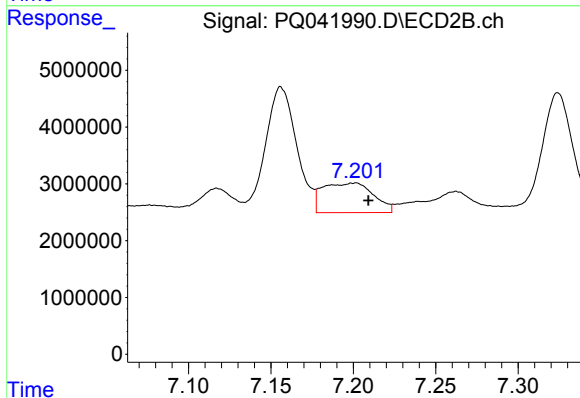
R.T.: 6.748 min
Delta R.T.: -0.006 min
Response: 31586945
Conc: 286.79 ng/ml



#25 AR-1248-5

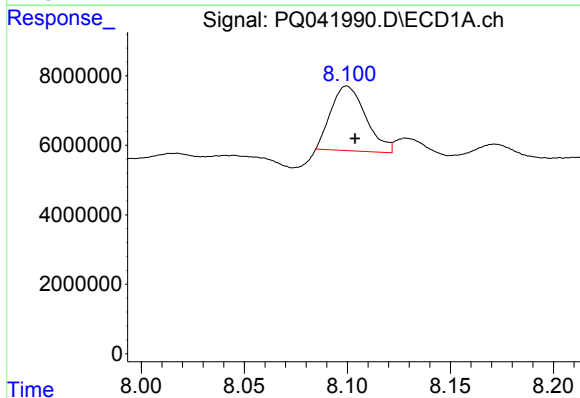
R.T.: 8.172 min
Delta R.T.: -0.005 min
Response: 4519122
Conc: 29.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



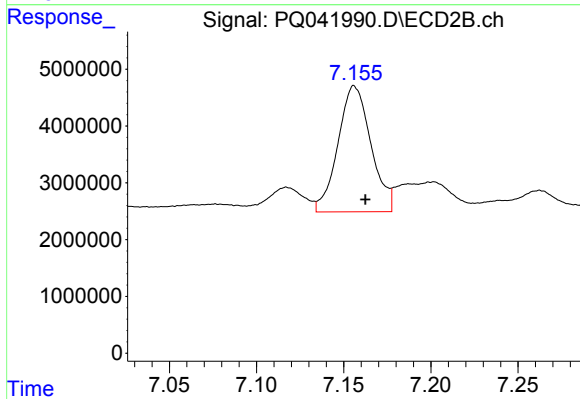
#25 AR-1248-5

R.T.: 7.201 min
Delta R.T.: -0.008 min
Response: 11203160
Conc: 87.41 ng/ml



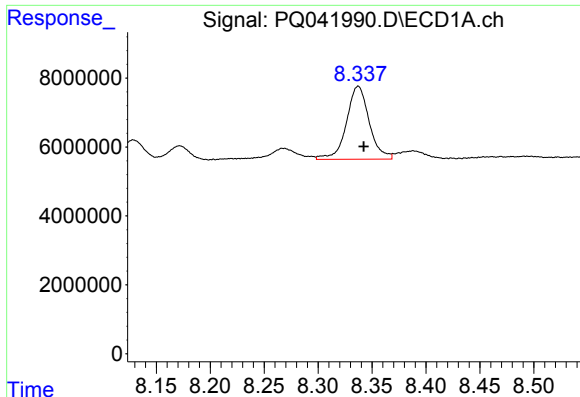
#26 AR-1254-1

R.T.: 8.100 min
Delta R.T.: -0.004 min
Response: 21833453
Conc: 156.95 ng/ml



#26 AR-1254-1

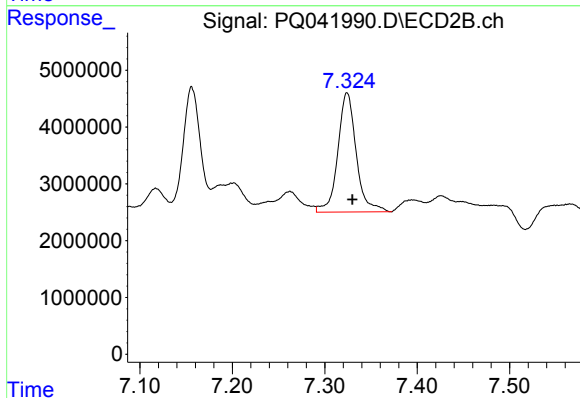
R.T.: 7.156 min
Delta R.T.: -0.006 min
Response: 29187449
Conc: 159.59 ng/ml



#27 AR-1254-2

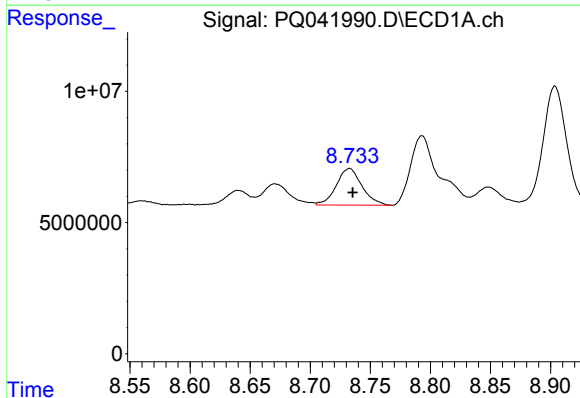
R.T.: 8.337 min
Delta R.T.: -0.005 min
Response: 31170993
Conc: 136.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



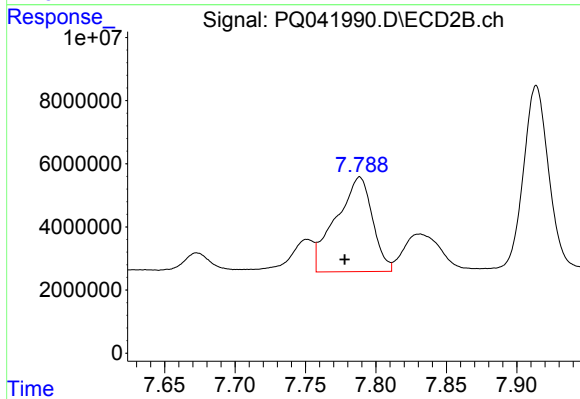
#27 AR-1254-2

R.T.: 7.324 min
Delta R.T.: -0.006 min
Response: 29124633
Conc: 179.92 ng/ml



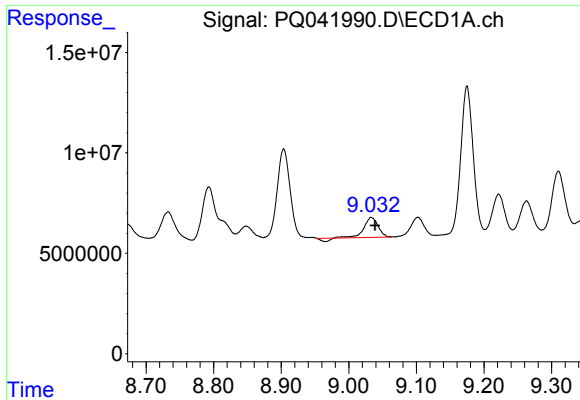
#28 AR-1254-3

R.T.: 8.733 min
Delta R.T.: -0.003 min
Response: 20706391
Conc: 75.73 ng/ml



#28 AR-1254-3

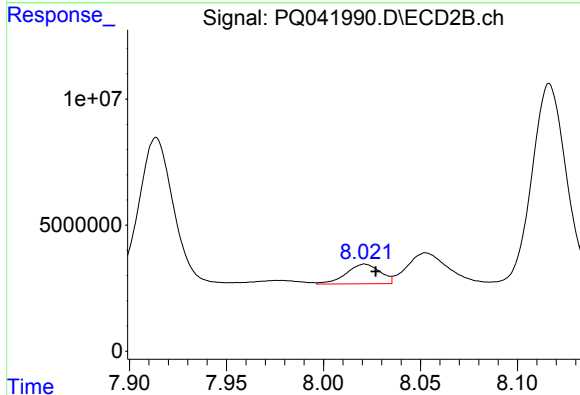
R.T.: 7.788 min
Delta R.T.: 0.011 min
Response: 53983690
Conc: 187.18 ng/ml



#29 AR-1254-4

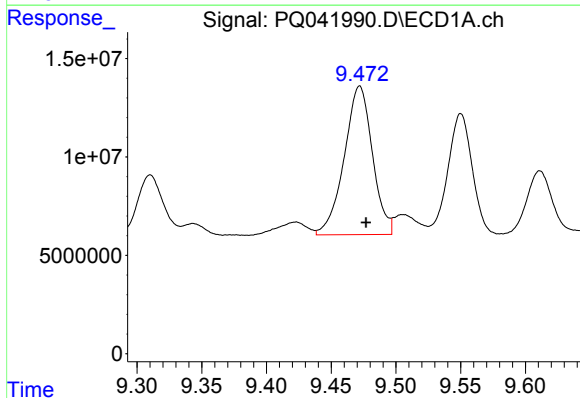
R.T.: 9.033 min
Delta R.T.: -0.005 min
Response: 13782321
Conc: 55.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



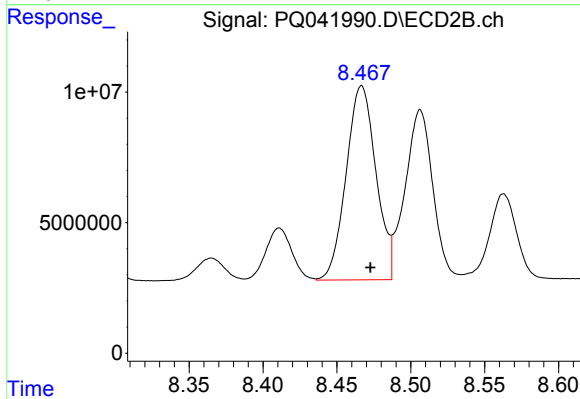
#29 AR-1254-4

R.T.: 8.021 min
Delta R.T.: -0.006 min
Response: 9513048
Conc: 43.82 ng/ml



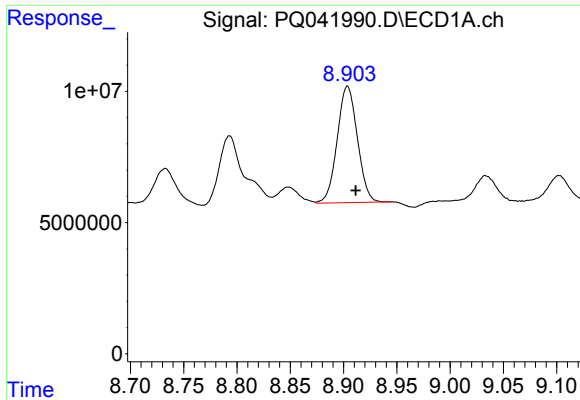
#30 AR-1254-5

R.T.: 9.472 min
Delta R.T.: -0.005 min
Response: 114578607
Conc: 423.04 ng/ml



#30 AR-1254-5

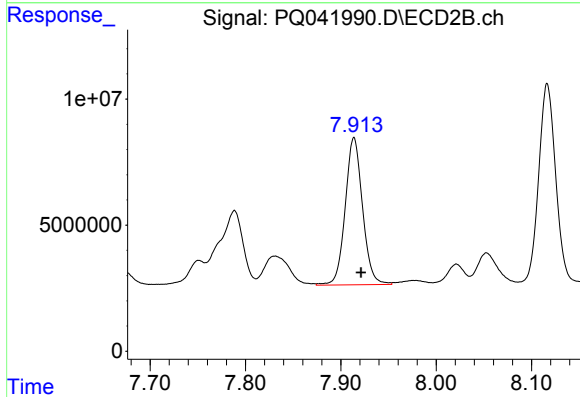
R.T.: 8.467 min
Delta R.T.: -0.006 min
Response: 104578539
Conc: 347.70 ng/ml



#31 AR-1260-1

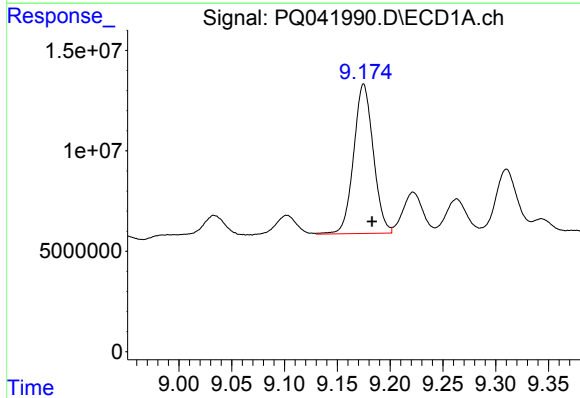
R.T.: 8.904 min
Delta R.T.: -0.008 min
Response: 58494015
Conc: 328.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



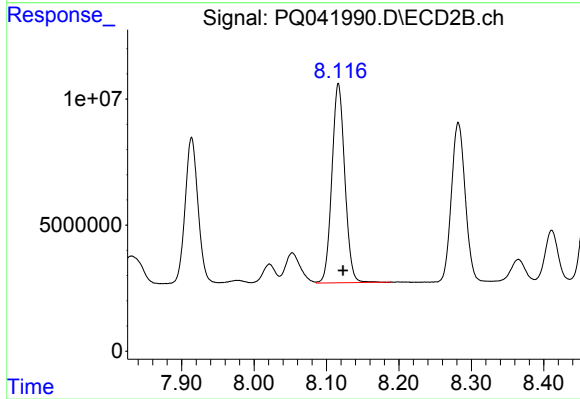
#31 AR-1260-1

R.T.: 7.914 min
Delta R.T.: -0.007 min
Response: 73981825
Conc: 407.77 ng/ml



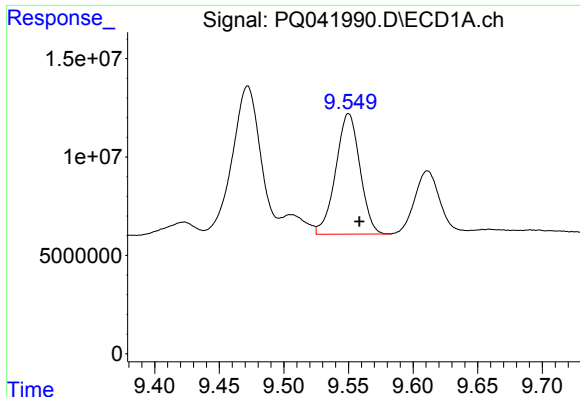
#32 AR-1260-2

R.T.: 9.175 min
Delta R.T.: -0.008 min
Response: 96312500
Conc: 381.78 ng/ml



#32 AR-1260-2

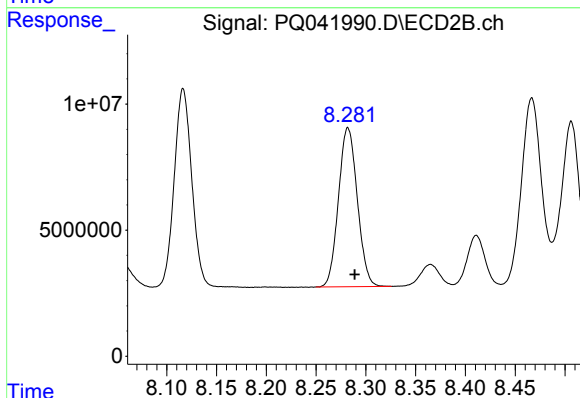
R.T.: 8.116 min
Delta R.T.: -0.007 min
Response: 97814411
Conc: 398.70 ng/ml



#33 AR-1260-3

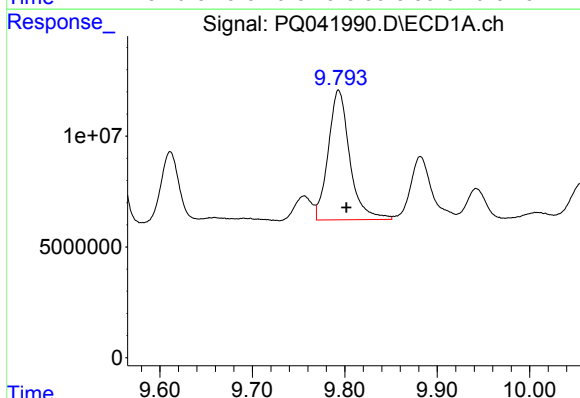
R.T.: 9.550 min
Delta R.T.: -0.008 min
Response: 79890814
Conc: 348.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



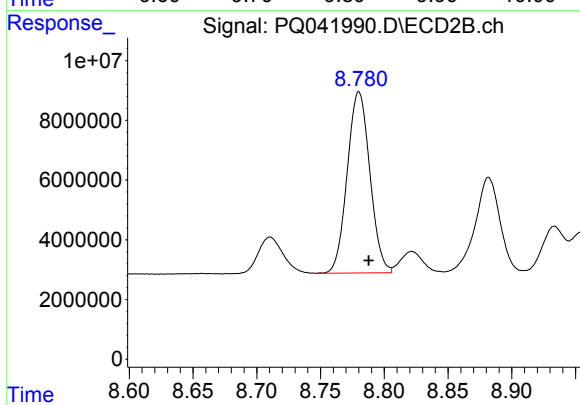
#33 AR-1260-3

R.T.: 8.282 min
Delta R.T.: -0.007 min
Response: 83109130
Conc: 390.59 ng/ml



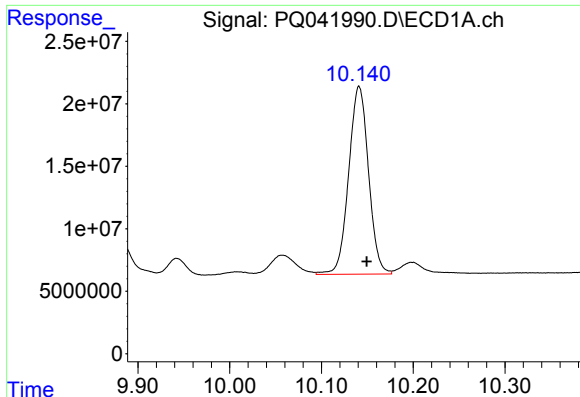
#34 AR-1260-4

R.T.: 9.793 min
Delta R.T.: -0.008 min
Response: 94640010
Conc: 370.64 ng/ml



#34 AR-1260-4

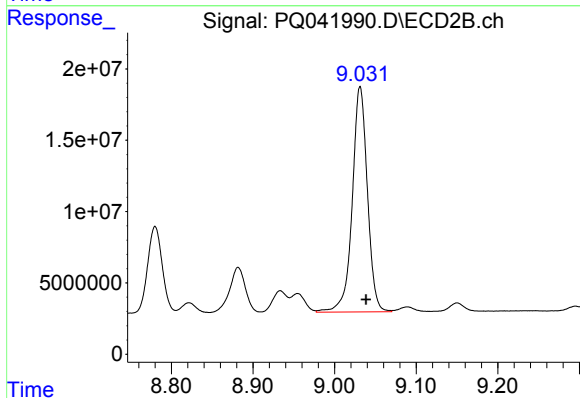
R.T.: 8.780 min
Delta R.T.: -0.008 min
Response: 75116653
Conc: 371.33 ng/ml



#35 AR-1260-5

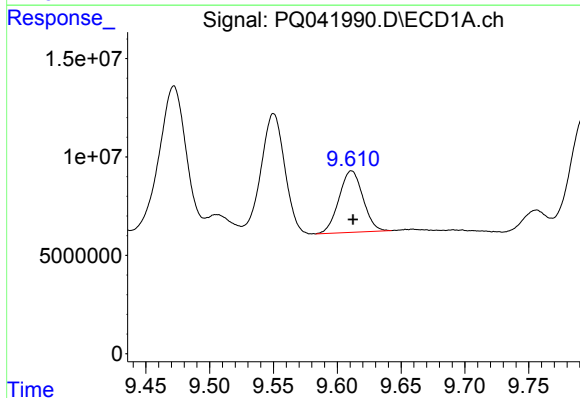
R.T.: 10.141 min
Delta R.T.: -0.008 min
Response: 225975247
Conc: 335.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



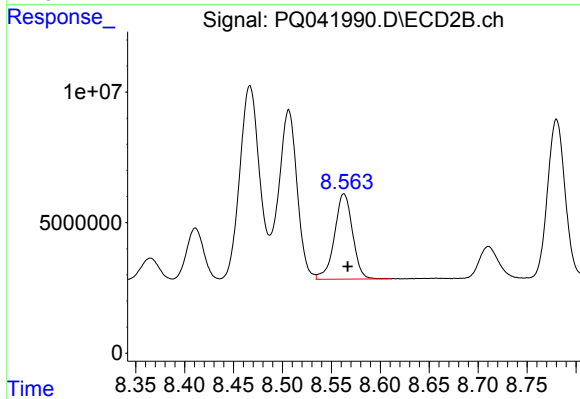
#35 AR-1260-5

R.T.: 9.031 min
Delta R.T.: -0.007 min
Response: 203917819
Conc: 345.51 ng/ml



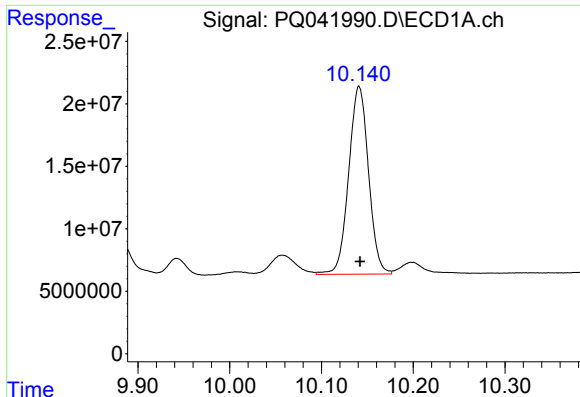
#36 AR-1262-1

R.T.: 9.611 min
Delta R.T.: -0.001 min
Response: 40924717
Conc: 266.27 ng/ml



#36 AR-1262-1

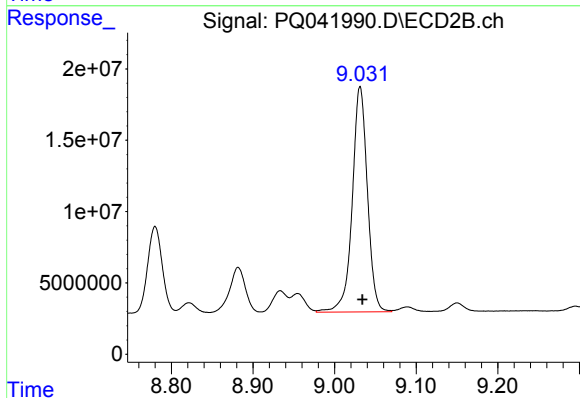
R.T.: 8.563 min
Delta R.T.: -0.004 min
Response: 42017917
Conc: 292.88 ng/ml



#37 AR-1262-2

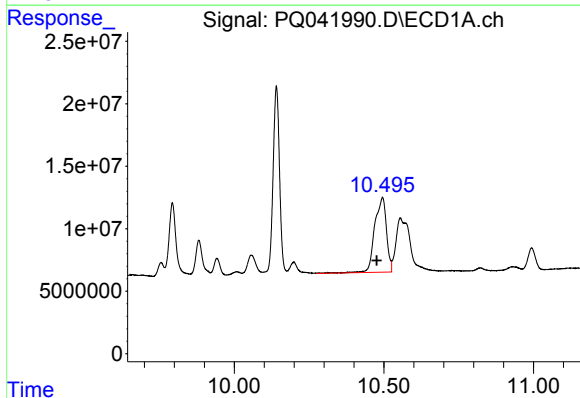
R.T.: 10.141 min
Delta R.T.: 0.000 min
Response: 225975247
Conc: 258.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



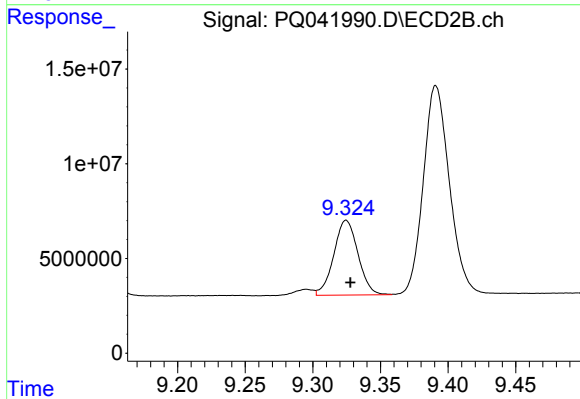
#37 AR-1262-2

R.T.: 9.031 min
Delta R.T.: -0.003 min
Response: 203917819
Conc: 275.17 ng/ml



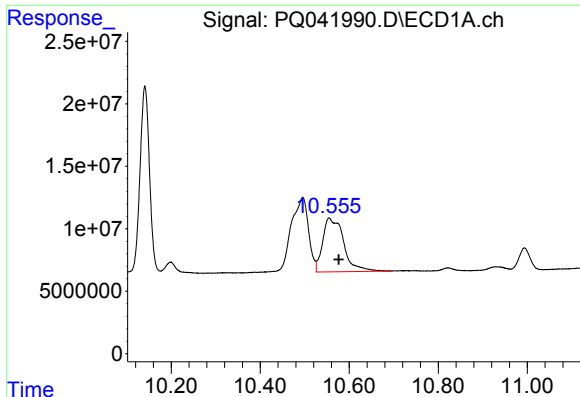
#38 AR-1262-3

R.T.: 10.496 min
Delta R.T.: 0.019 min
Response: 163154707
Conc: 256.93 ng/ml



#38 AR-1262-3

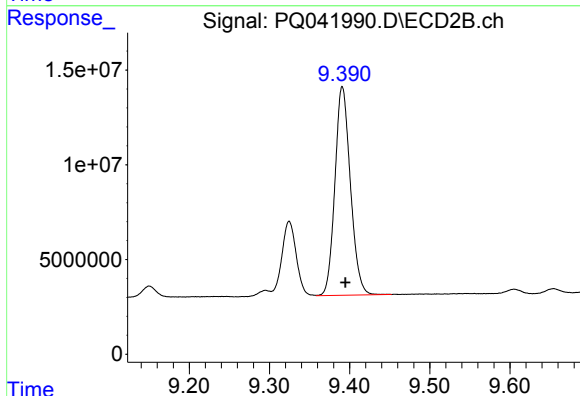
R.T.: 9.325 min
Delta R.T.: -0.003 min
Response: 49154469
Conc: 155.37 ng/ml



#39 AR-1262-4

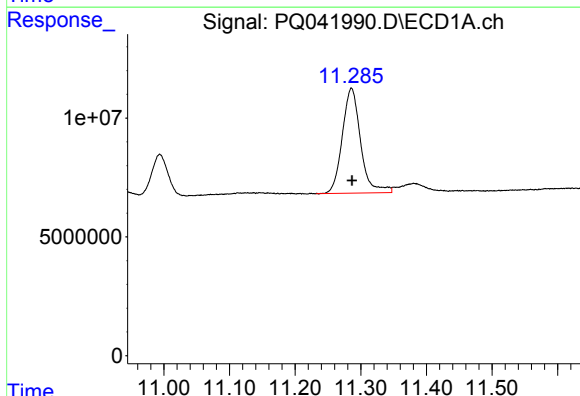
R.T.: 10.555 min
Delta R.T.: -0.022 min
Response: 140518608
Conc: 280.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



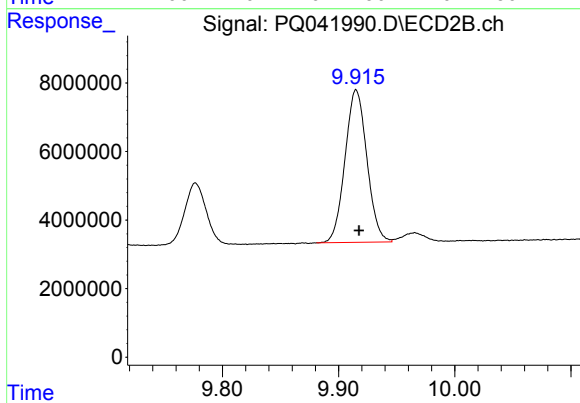
#39 AR-1262-4

R.T.: 9.391 min
Delta R.T.: -0.004 min
Response: 147742749
Conc: 262.72 ng/ml



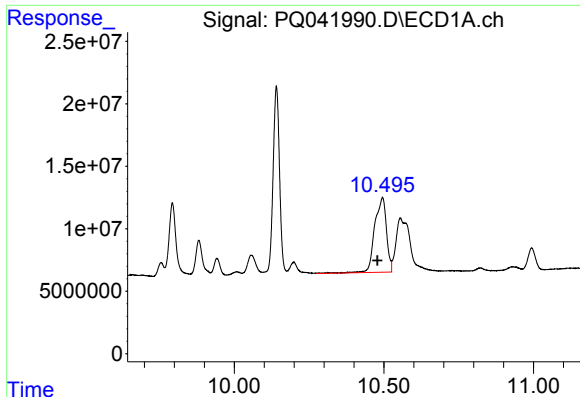
#40 AR-1262-5

R.T.: 11.286 min
Delta R.T.: 0.000 min
Response: 85775044
Conc: 210.69 ng/ml



#40 AR-1262-5

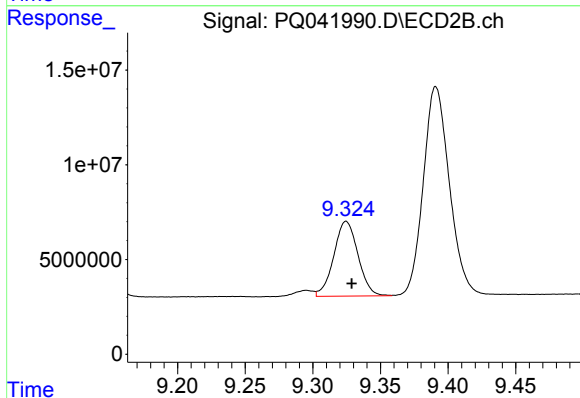
R.T.: 9.915 min
Delta R.T.: -0.002 min
Response: 58313719
Conc: 204.18 ng/ml



#41 AR-1268-1

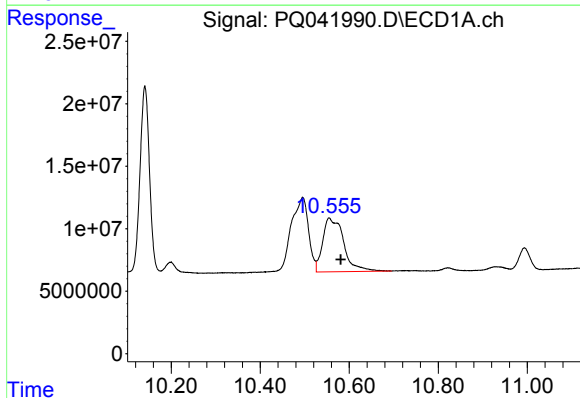
R.T.: 10.496 min
Delta R.T.: 0.018 min
Response: 163154707
Conc: 114.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



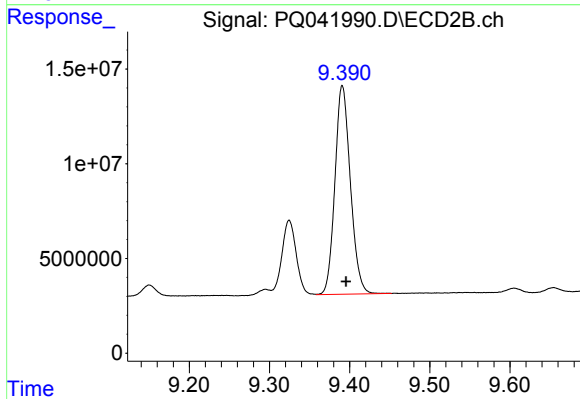
#41 AR-1268-1

R.T.: 9.325 min
Delta R.T.: -0.004 min
Response: 49154469
Conc: 43.00 ng/ml



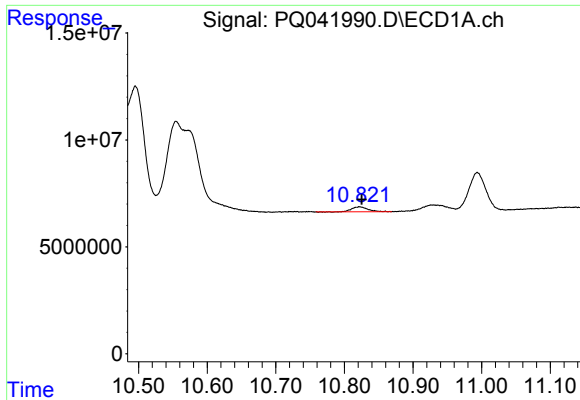
#42 AR-1268-2

R.T.: 10.555 min
Delta R.T.: -0.026 min
Response: 140518608
Conc: 106.54 ng/ml



#42 AR-1268-2

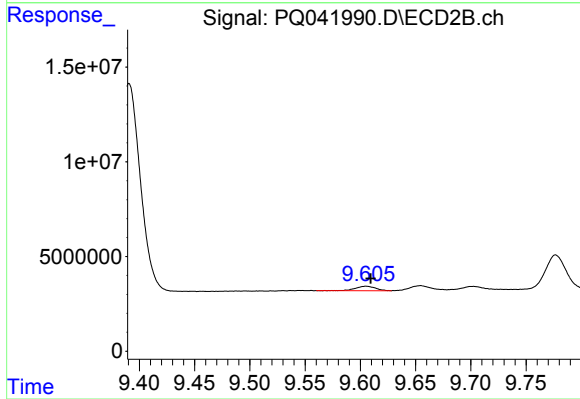
R.T.: 9.391 min
Delta R.T.: -0.005 min
Response: 147742749
Conc: 143.92 ng/ml



#43 AR-1268-3

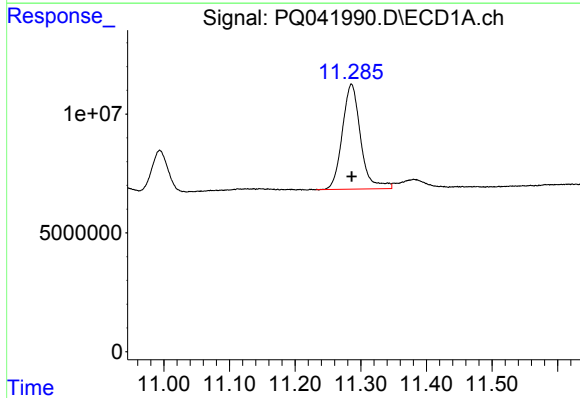
R.T.: 10.822 min
Delta R.T.: -0.003 min
Response: 3831032
Conc: 3.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



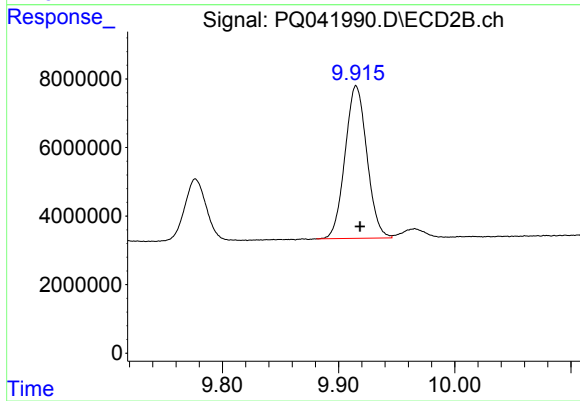
#43 AR-1268-3

R.T.: 9.605 min
Delta R.T.: -0.004 min
Response: 3014177
Conc: 3.47 ng/ml



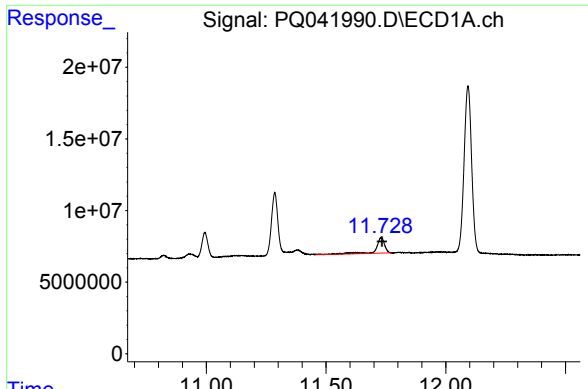
#44 AR-1268-4

R.T.: 11.286 min
Delta R.T.: 0.000 min
Response: 85775044
Conc: 157.55 ng/ml



#44 AR-1268-4

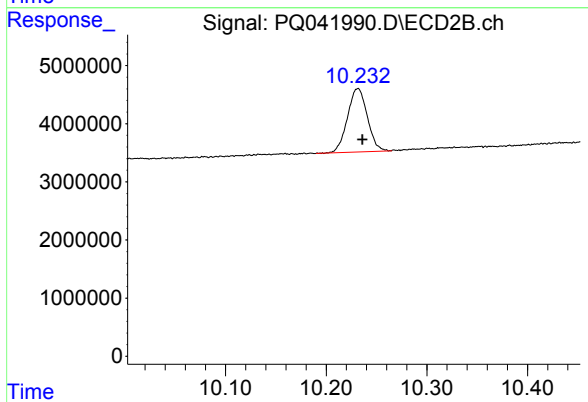
R.T.: 9.915 min
Delta R.T.: -0.003 min
Response: 58313719
Conc: 151.59 ng/ml



#45 AR-1268-5

R.T.: 11.729 min
Delta R.T.: -0.005 min
Response: 27171670
Conc: 6.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 10.231 min
Delta R.T.: -0.004 min
Response: 14906022
Conc: 5.74 ng/ml