

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ031319\
 Data File : PQ037933.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Mar 2019 18:31
 Operator : SM\SJ
 Sample : PB117838BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 ALCS38

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 14 00:45:11 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022619CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 26 04:57:52 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...	4.206	3.647	131.6E6	72333616	23.139	27.462
2)	SA Decachlor...	9.647	8.528	222.5E6	104.2E6	44.057	44.915
Target Compounds							
3)	L1 AR-1016-1	5.369	4.720	32361015	19656962	111.966	127.411
4)	L1 AR-1016-2	5.429	4.720	19696023	19656962	44.074	81.889 #
5)	L1 AR-1016-3	5.429	4.894	19696023	9358422	74.937	76.855
6)	L1 AR-1016-4	5.529	4.932	15577082	8006993	70.852	85.733
7)	L1 AR-1016-5	5.850	5.142	6008938	9601019	27.954	76.651 #
8)	L2 AR-1221-1	4.414	0.000	1765305	0	28.172	N.D. #
9)	L2 AR-1221-2	4.504	3.940	3596089	2017148	81.662	84.102
10)	L2 AR-1221-3	4.578	4.011	10743080	6609172	69.893	78.154
11)	L3 AR-1232-1	4.578	4.011	10743080	6609172	94.137	106.768
12)	L3 AR-1232-2	5.088	4.720	15468471	19656962	264.588	286.075
13)	L3 AR-1232-3	5.429	4.894	19696023	9358422	157.677	268.732 #
14)	L3 AR-1232-4	5.529	5.002	15577082	3166717	243.761	107.398 #
15)	L3 AR-1232-5	5.652	5.142	13572308	9601019	297.592	282.517
16)	L4 AR-1242-1	5.369	4.720	32361015	19656962	197.279	218.830
17)	L4 AR-1242-2	5.429	4.720	19696023	19656962	78.144	144.151 #
18)	L4 AR-1242-3	5.429	4.894	19696023	9358422	130.211	132.684
19)	L4 AR-1242-4	5.529	5.002	15577082	3166717	123.749	46.152 #
20)	L4 AR-1242-5	6.246	5.484	2272858	7371977	16.378	84.319 #
21)	L5 AR-1248-1	5.369	4.720	32361015	19656962	274.960	294.670
22)	L5 AR-1248-2	5.652	4.932	13572308	8006993	79.112	88.571
23)	L5 AR-1248-3	5.850	5.002	6008938	3166717	30.929	34.311
24)	L5 AR-1248-4	6.246	5.142	2272858	9601019	9.996	84.606 #
25)	L5 AR-1248-5	6.246	5.484	2272858	7371977	10.524	67.146 #
26)	L6 AR-1254-1	6.208	5.484	2192325	7371977	10.351	44.460 #
27)	L6 AR-1254-2	6.387	5.628	12764520	7144123	38.065	50.165 #
28)	L6 AR-1254-3	6.804	6.034	18684656	12435426	53.837	54.503
29)	L6 AR-1254-4	7.093	6.276	5440775	5349382	19.659	31.148 #
30)	L6 AR-1254-5	7.480	6.691	4929480	15549659	17.836	80.307 #
31)	L7 AR-1260-1	6.910	6.150	28712217	18109927	64.620	71.430
32)	L7 AR-1260-2	7.214	6.337	10254863	21558656	17.736	70.139 #
33)	L7 AR-1260-3	7.571	6.487	12682475	19462989	28.389	68.537 #
34)	L7 AR-1260-4	7.744	6.991	25070888	1654128	57.240	7.516 #
35)	L7 AR-1260-5	8.094	7.192	3361284	30983531	3.353	58.683 #
36)	L8 AR-1262-1	7.571	6.691	12682475	15549659	31.752	74.300 #
37)	L8 AR-1262-2	8.094	7.192	3361284	30983531	4.852	83.636 #
38)	L8 AR-1262-3	8.357	7.464	11101032	6031374	37.075	41.265
39)	L8 AR-1262-4	8.403	7.532	15247330	22771675	43.394	85.389 #
40)	L8 AR-1262-5	9.013	8.026	13592336	6582437	56.994	56.342
41)	L9 AR-1268-1	8.357	7.464	11101032	6031374	8.281	9.208

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ031319\
 Data File : PQ037933.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Mar 2019 18:31
 Operator : SM\SJ
 Sample : PB117838BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

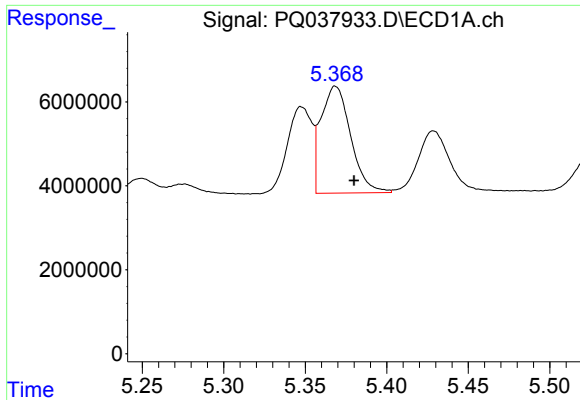
Instrument :
 ECD_Q
 ClientSampleId :
 ALCS38

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 14 00:45:11 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022619CLP.M
 Quant Title : GC EXTRACTABLES
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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	8.403	7.532	15247330	22771675	12.378	38.077 #
43) L9	AR-1268-3	8.607	0.000	2507467	0	2.288	N.D. #
44) L9	AR-1268-4	9.013	8.026	13592336	6582437	34.078	33.584
45) L9	AR-1268-5	9.367	8.298	5779901	2739837	1.778	1.781

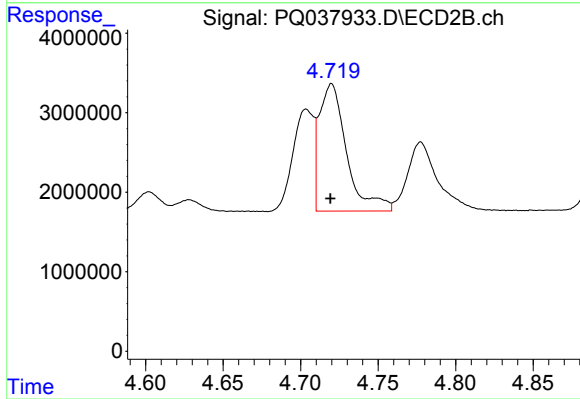
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

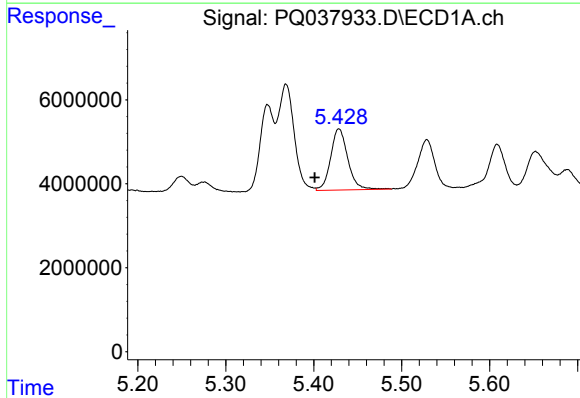
R.T.: 5.369 min
Delta R.T.: -0.011 min
Response: 32361015
Conc: 111.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS38



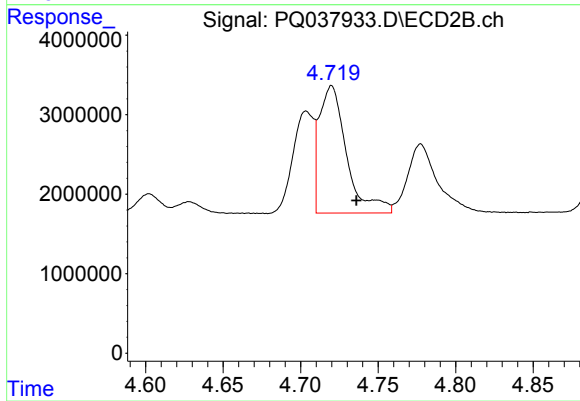
#3 AR-1016-1

R.T.: 4.720 min
Delta R.T.: 0.000 min
Response: 19656962
Conc: 127.41 ng/ml



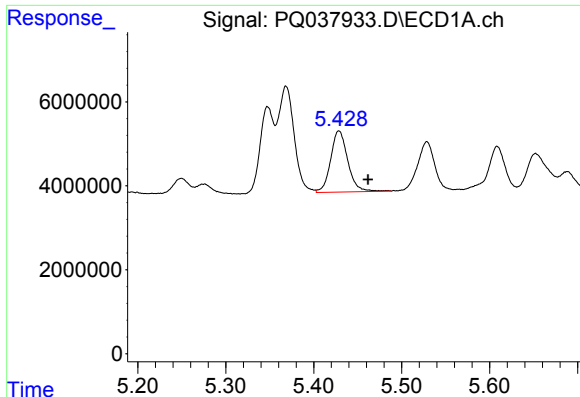
#4 AR-1016-2

R.T.: 5.429 min
Delta R.T.: 0.028 min
Response: 19696023
Conc: 44.07 ng/ml



#4 AR-1016-2

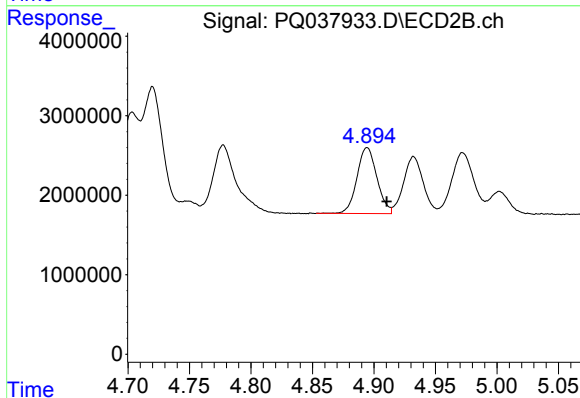
R.T.: 4.720 min
Delta R.T.: -0.016 min
Response: 19656962
Conc: 81.89 ng/ml



#5 AR-1016-3

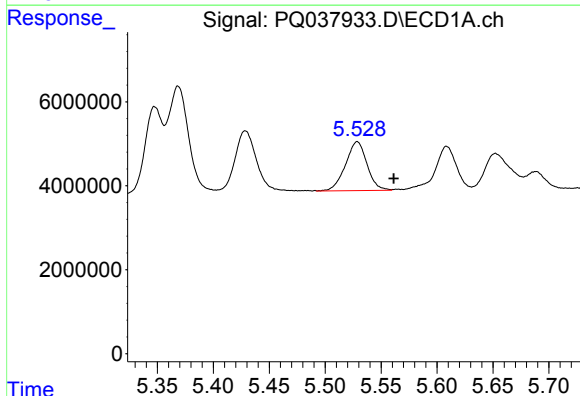
R.T.: 5.429 min
Delta R.T.: -0.033 min
Response: 19696023
Conc: 74.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS38



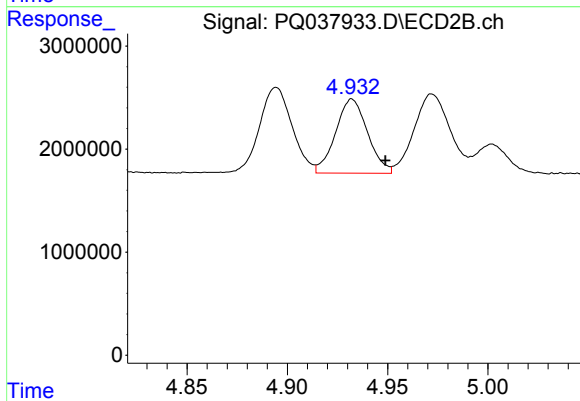
#5 AR-1016-3

R.T.: 4.894 min
Delta R.T.: -0.016 min
Response: 9358422
Conc: 76.85 ng/ml



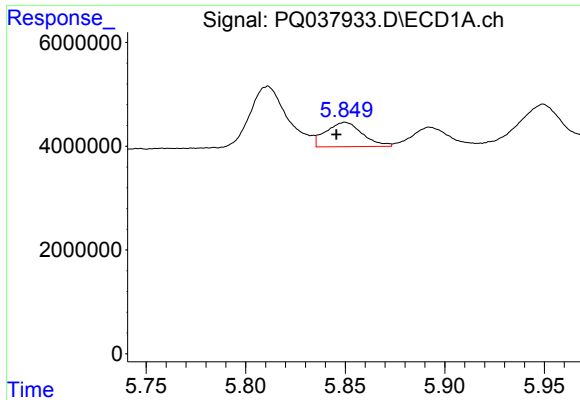
#6 AR-1016-4

R.T.: 5.529 min
Delta R.T.: -0.033 min
Response: 15577082
Conc: 70.85 ng/ml



#6 AR-1016-4

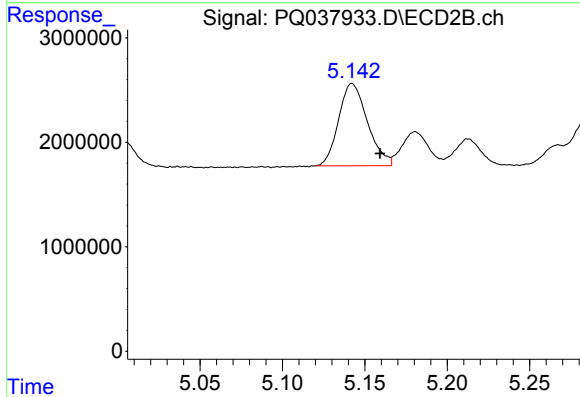
R.T.: 4.932 min
Delta R.T.: -0.017 min
Response: 8006993
Conc: 85.73 ng/ml



#7 AR-1016-5

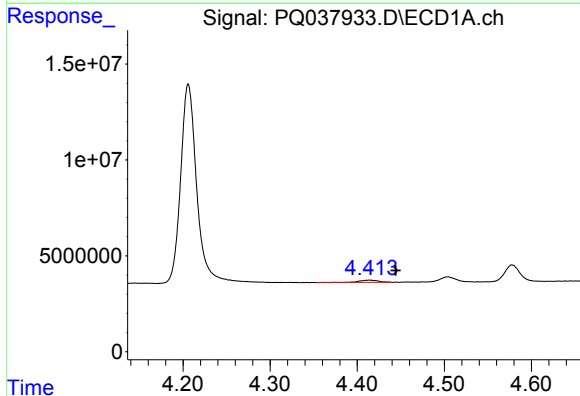
R.T.: 5.850 min
Delta R.T.: 0.004 min
Response: 6008938
Conc: 27.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS38



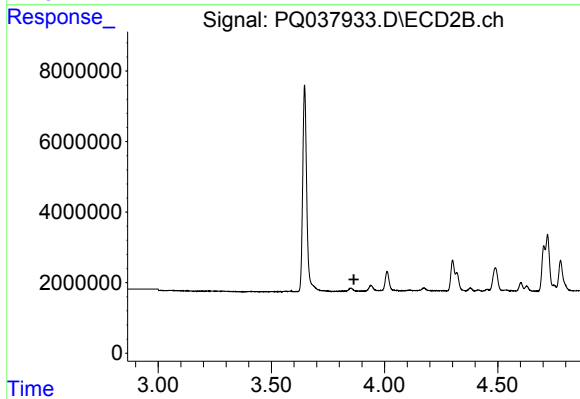
#7 AR-1016-5

R.T.: 5.142 min
Delta R.T.: -0.017 min
Response: 9601019
Conc: 76.65 ng/ml



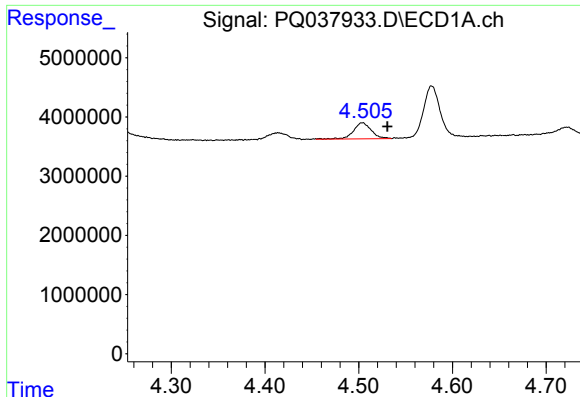
#8 AR-1221-1

R.T.: 4.414 min
Delta R.T.: -0.030 min
Response: 1765305
Conc: 28.17 ng/ml



#8 AR-1221-1

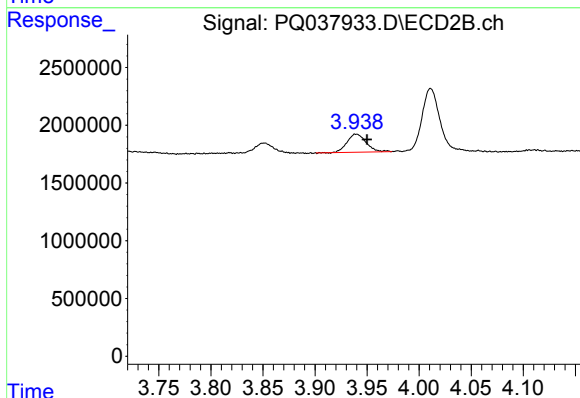
R.T.: 0.000 min
Exp R.T.: 3.864 min
Response: 0
Conc: N.D.



#9 AR-1221-2

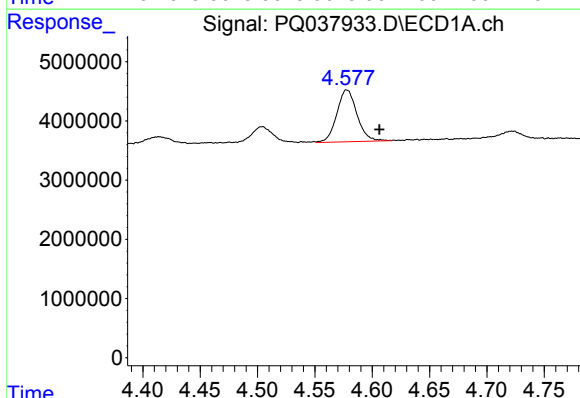
R.T.: 4.504 min
Delta R.T.: -0.027 min
Response: 3596089
Conc: 81.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS38



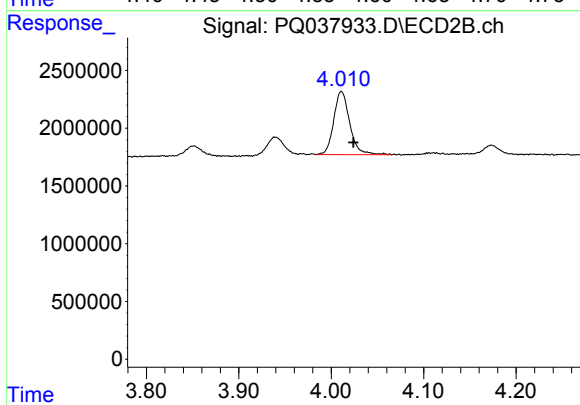
#9 AR-1221-2

R.T.: 3.940 min
Delta R.T.: -0.010 min
Response: 2017148
Conc: 84.10 ng/ml



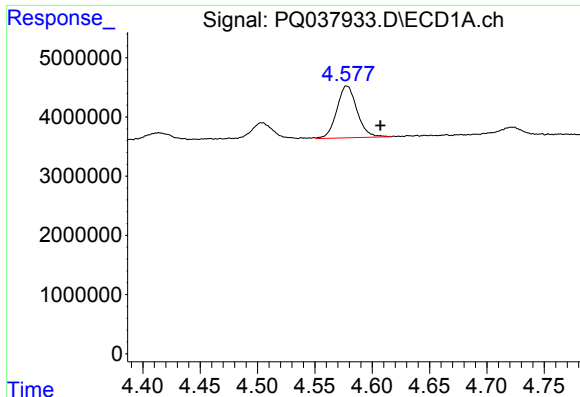
#10 AR-1221-3

R.T.: 4.578 min
Delta R.T.: -0.028 min
Response: 10743080
Conc: 69.89 ng/ml



#10 AR-1221-3

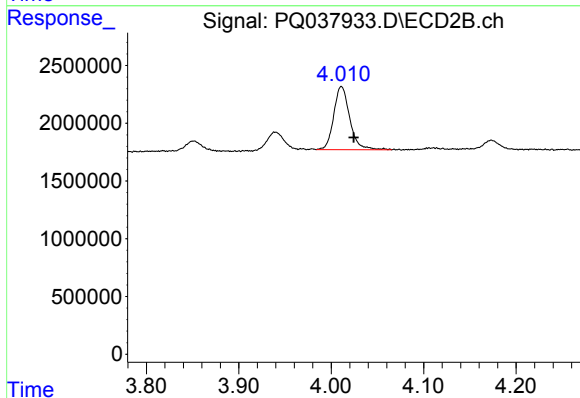
R.T.: 4.011 min
Delta R.T.: -0.013 min
Response: 6609172
Conc: 78.15 ng/ml



#11 AR-1232-1

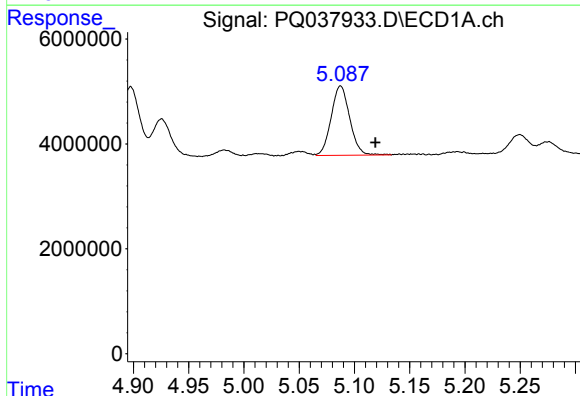
R.T.: 4.578 min
Delta R.T.: -0.029 min
Response: 10743080
Conc: 94.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS38



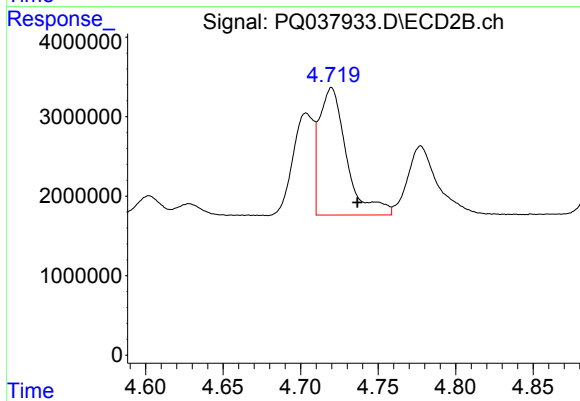
#11 AR-1232-1

R.T.: 4.011 min
Delta R.T.: -0.014 min
Response: 6609172
Conc: 106.77 ng/ml



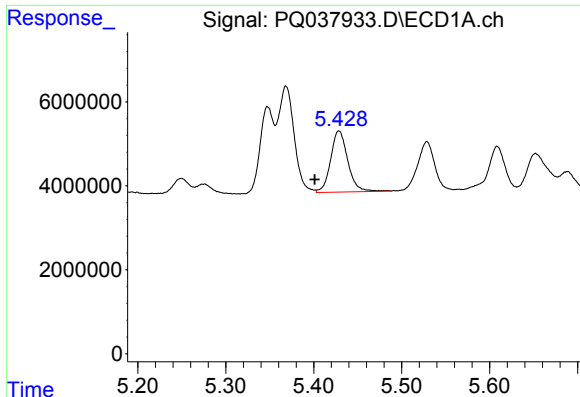
#12 AR-1232-2

R.T.: 5.088 min
Delta R.T.: -0.032 min
Response: 15468471
Conc: 264.59 ng/ml



#12 AR-1232-2

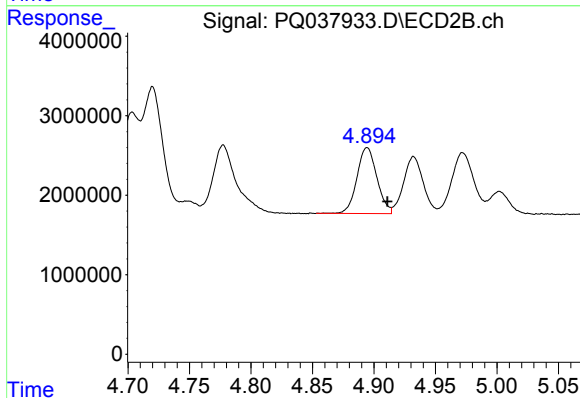
R.T.: 4.720 min
Delta R.T.: -0.017 min
Response: 19656962
Conc: 286.07 ng/ml



#13 AR-1232-3

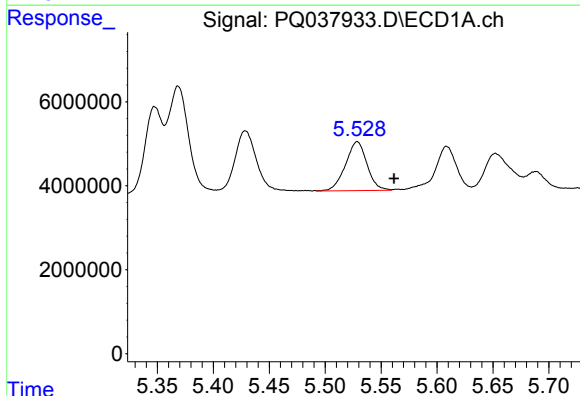
R.T.: 5.429 min
Delta R.T.: 0.028 min
Response: 19696023
Conc: 157.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS38



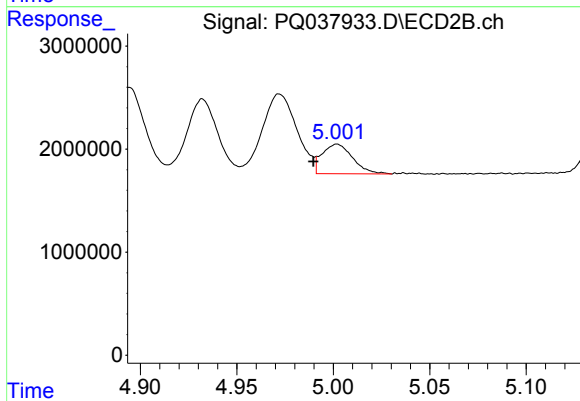
#13 AR-1232-3

R.T.: 4.894 min
Delta R.T.: -0.016 min
Response: 9358422
Conc: 268.73 ng/ml



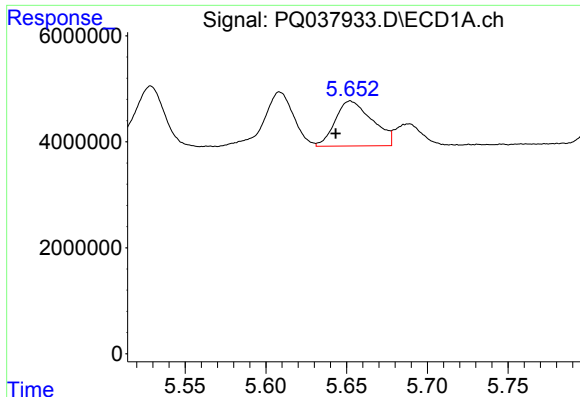
#14 AR-1232-4

R.T.: 5.529 min
Delta R.T.: -0.033 min
Response: 15577082
Conc: 243.76 ng/ml



#14 AR-1232-4

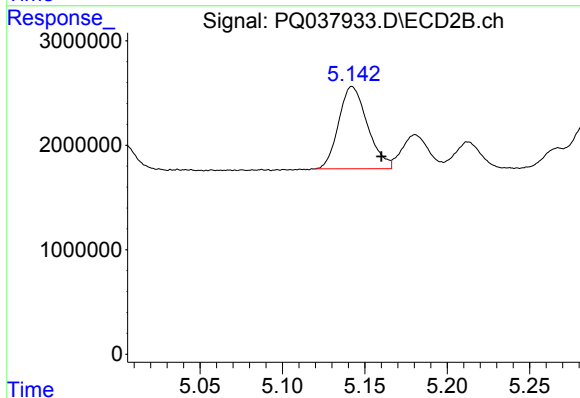
R.T.: 5.002 min
Delta R.T.: 0.012 min
Response: 3166717
Conc: 107.40 ng/ml



#15 AR-1232-5

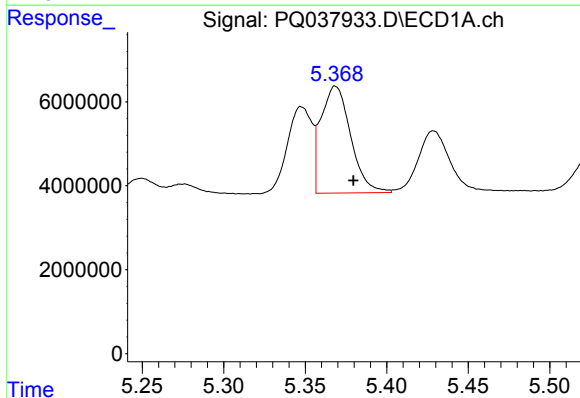
R.T.: 5.652 min
Delta R.T.: 0.009 min
Response: 13572308
Conc: 297.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS38



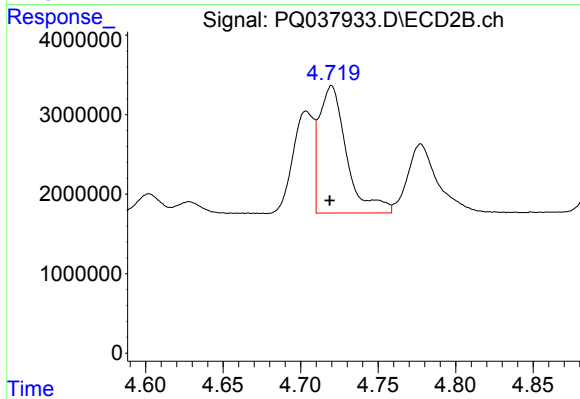
#15 AR-1232-5

R.T.: 5.142 min
Delta R.T.: -0.018 min
Response: 9601019
Conc: 282.52 ng/ml



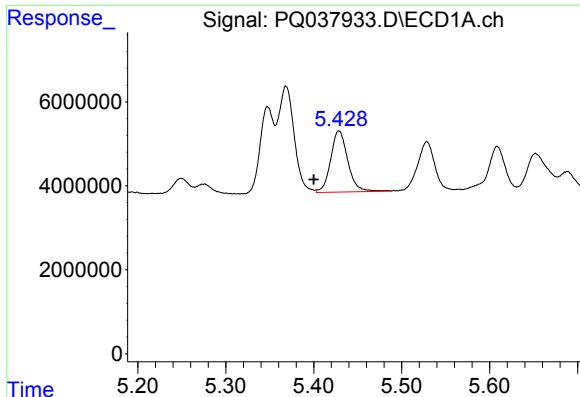
#16 AR-1242-1

R.T.: 5.369 min
Delta R.T.: -0.011 min
Response: 32361015
Conc: 197.28 ng/ml



#16 AR-1242-1

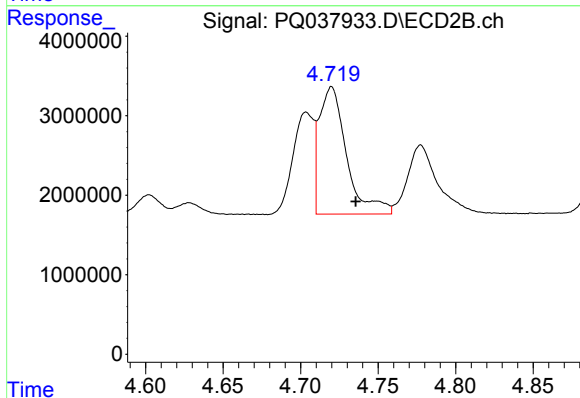
R.T.: 4.720 min
Delta R.T.: 0.001 min
Response: 19656962
Conc: 218.83 ng/ml



#17 AR-1242-2

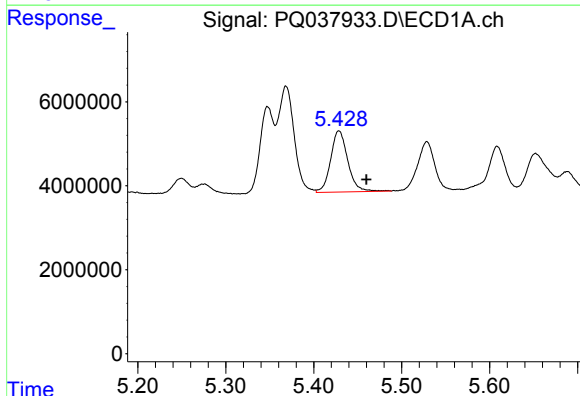
R.T.: 5.429 min
Delta R.T.: 0.029 min
Response: 19696023
Conc: 78.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS38



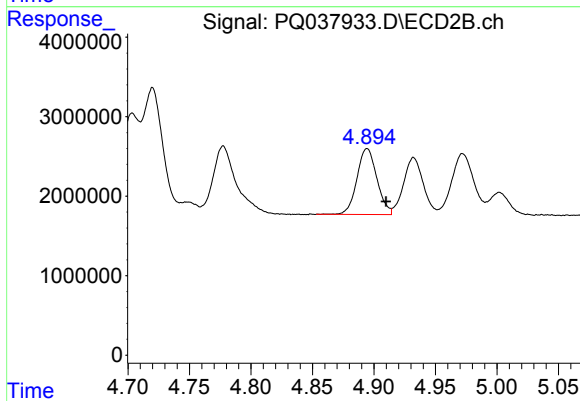
#17 AR-1242-2

R.T.: 4.720 min
Delta R.T.: -0.016 min
Response: 19656962
Conc: 144.15 ng/ml



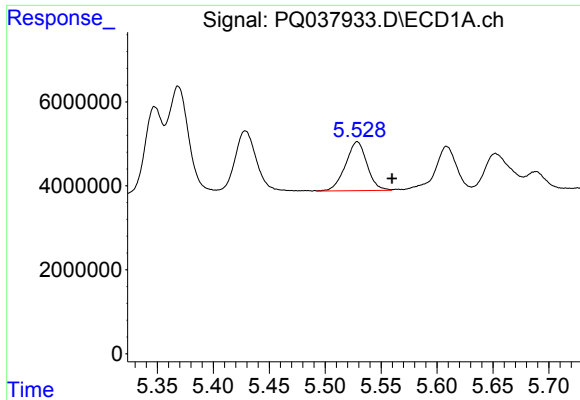
#18 AR-1242-3

R.T.: 5.429 min
Delta R.T.: -0.031 min
Response: 19696023
Conc: 130.21 ng/ml



#18 AR-1242-3

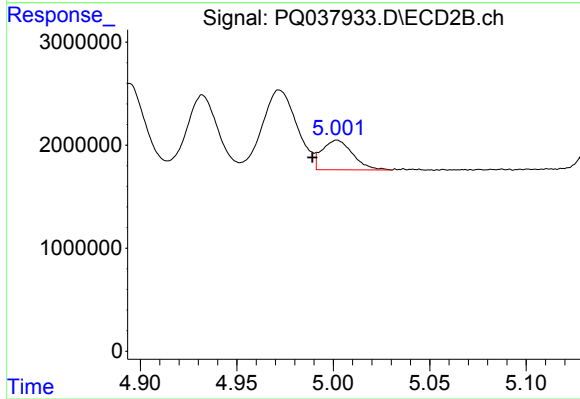
R.T.: 4.894 min
Delta R.T.: -0.016 min
Response: 9358422
Conc: 132.68 ng/ml



#19 AR-1242-4

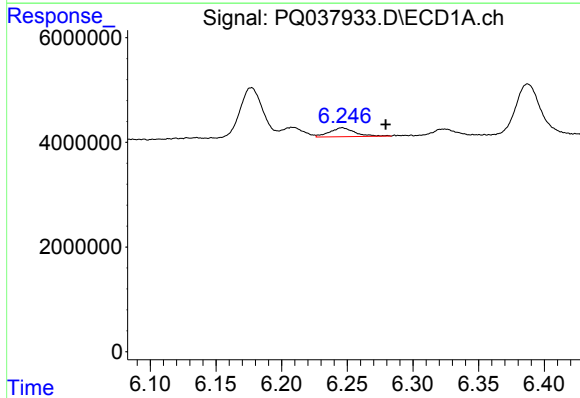
R.T.: 5.529 min
Delta R.T.: -0.031 min
Response: 15577082
Conc: 123.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS38



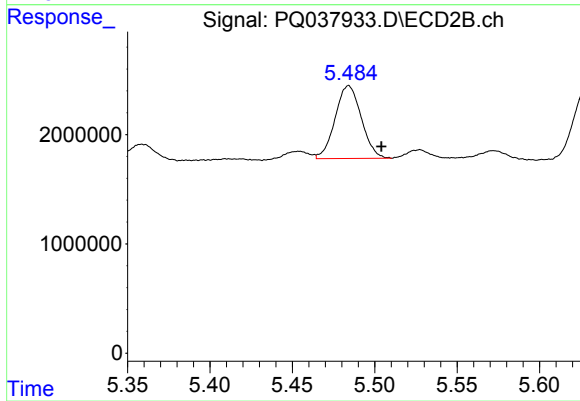
#19 AR-1242-4

R.T.: 5.002 min
Delta R.T.: 0.013 min
Response: 3166717
Conc: 46.15 ng/ml



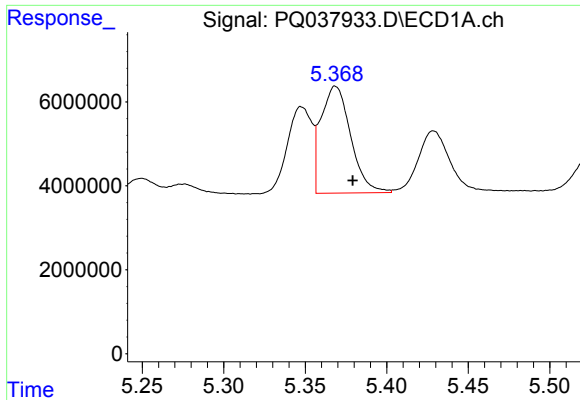
#20 AR-1242-5

R.T.: 6.246 min
Delta R.T.: -0.033 min
Response: 2272858
Conc: 16.38 ng/ml



#20 AR-1242-5

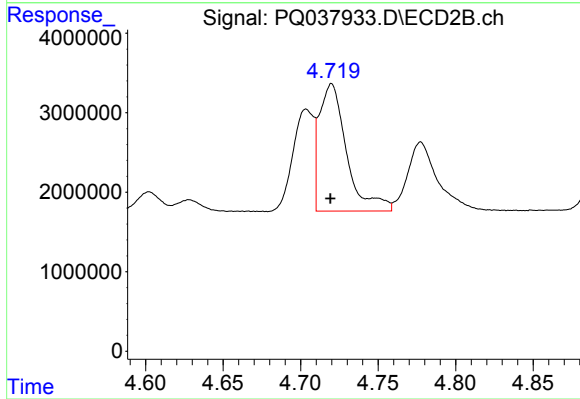
R.T.: 5.484 min
Delta R.T.: -0.020 min
Response: 7371977
Conc: 84.32 ng/ml



#21 AR-1248-1

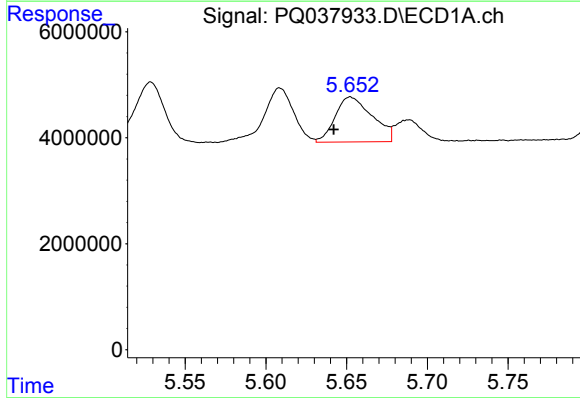
R.T.: 5.369 min
Delta R.T.: -0.011 min
Response: 32361015
Conc: 274.96 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS38



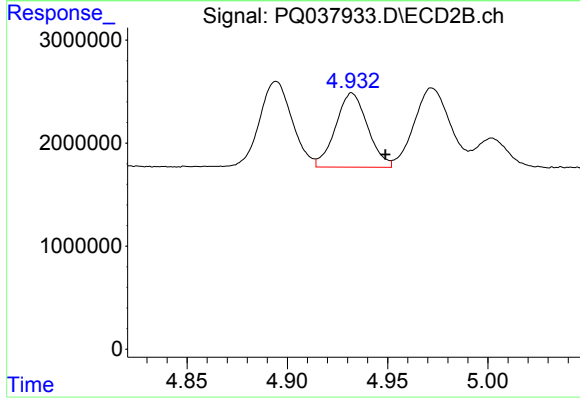
#21 AR-1248-1

R.T.: 4.720 min
Delta R.T.: 0.000 min
Response: 19656962
Conc: 294.67 ng/ml



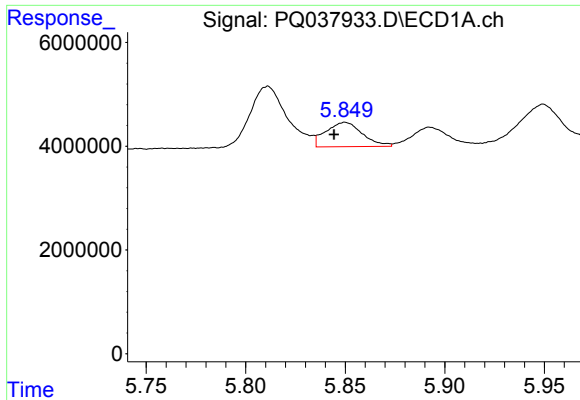
#22 AR-1248-2

R.T.: 5.652 min
Delta R.T.: 0.010 min
Response: 13572308
Conc: 79.11 ng/ml



#22 AR-1248-2

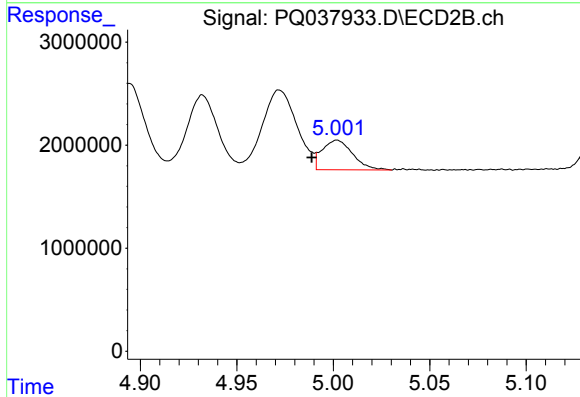
R.T.: 4.932 min
Delta R.T.: -0.017 min
Response: 8006993
Conc: 88.57 ng/ml



#23 AR-1248-3

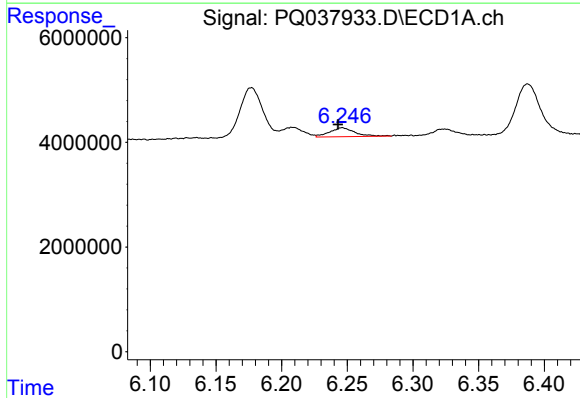
R.T.: 5.850 min
Delta R.T.: 0.005 min
Response: 6008938
Conc: 30.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS38



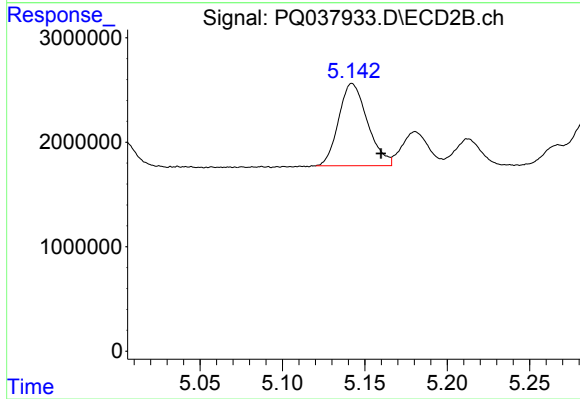
#23 AR-1248-3

R.T.: 5.002 min
Delta R.T.: 0.013 min
Response: 3166717
Conc: 34.31 ng/ml



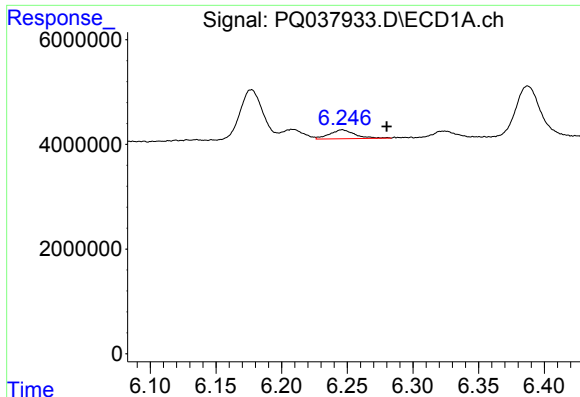
#24 AR-1248-4

R.T.: 6.246 min
Delta R.T.: 0.003 min
Response: 2272858
Conc: 10.00 ng/ml



#24 AR-1248-4

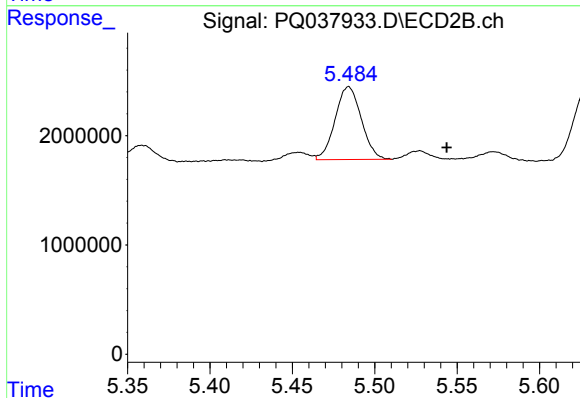
R.T.: 5.142 min
Delta R.T.: -0.017 min
Response: 9601019
Conc: 84.61 ng/ml



#25 AR-1248-5

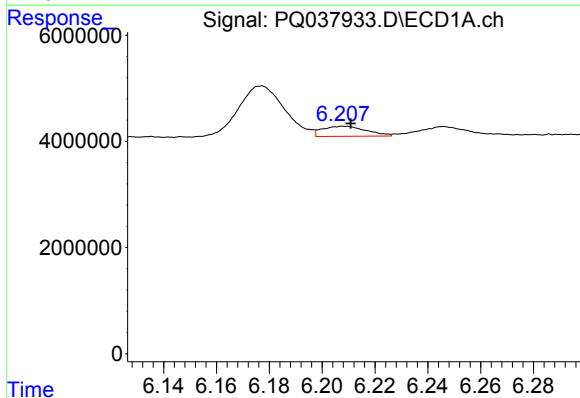
R.T.: 6.246 min
Delta R.T.: -0.034 min
Response: 2272858
Conc: 10.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS38



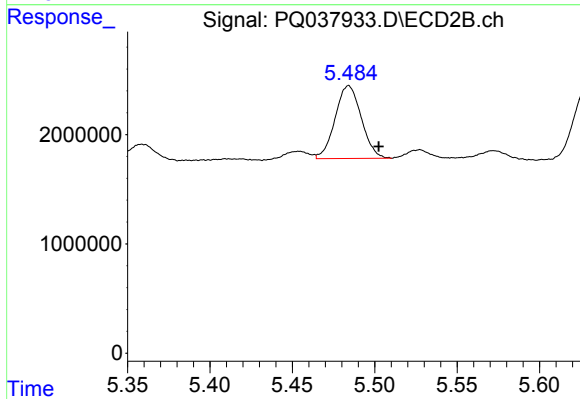
#25 AR-1248-5

R.T.: 5.484 min
Delta R.T.: -0.060 min
Response: 7371977
Conc: 67.15 ng/ml



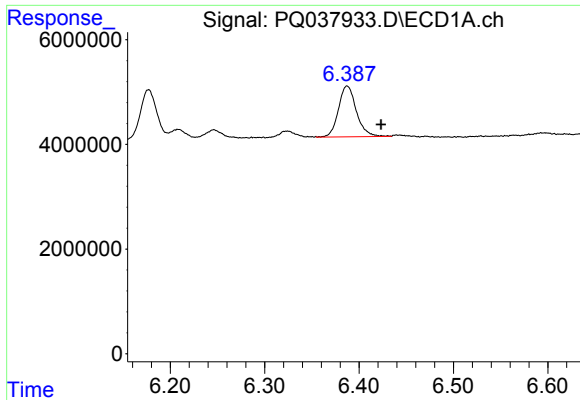
#26 AR-1254-1

R.T.: 6.208 min
Delta R.T.: -0.002 min
Response: 2192325
Conc: 10.35 ng/ml



#26 AR-1254-1

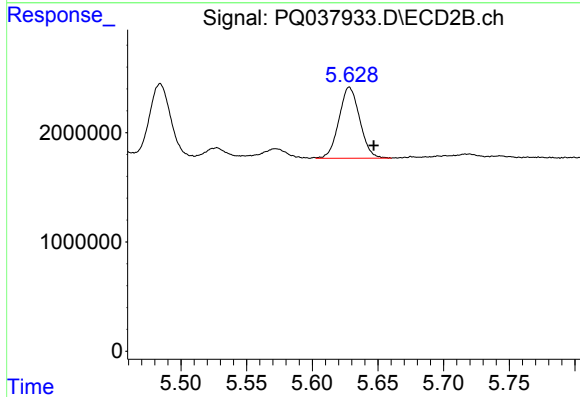
R.T.: 5.484 min
Delta R.T.: -0.018 min
Response: 7371977
Conc: 44.46 ng/ml



#27 AR-1254-2

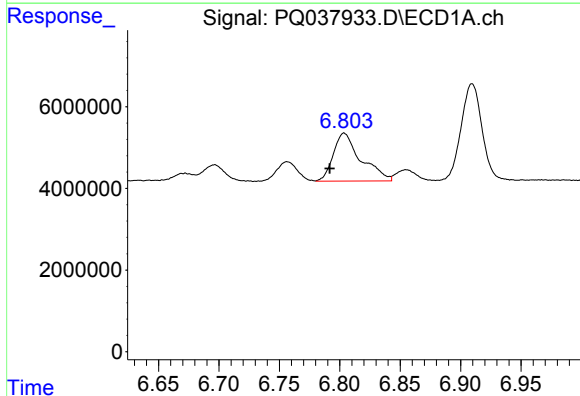
R.T.: 6.387 min
Delta R.T.: -0.036 min
Response: 12764520
Conc: 38.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS38



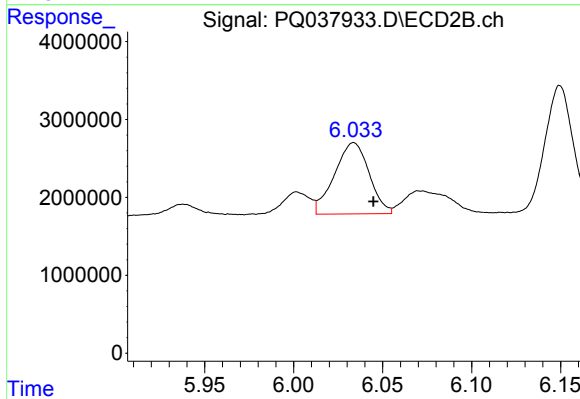
#27 AR-1254-2

R.T.: 5.628 min
Delta R.T.: -0.018 min
Response: 7144123
Conc: 50.16 ng/ml



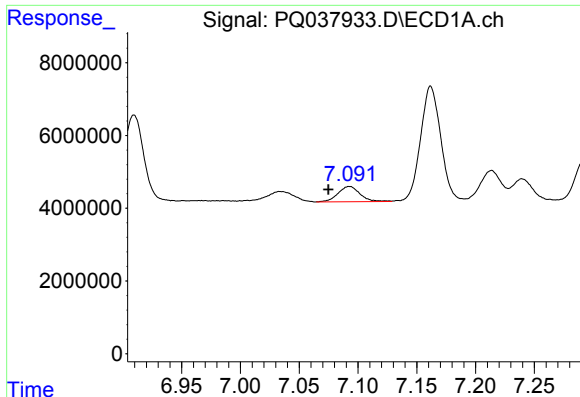
#28 AR-1254-3

R.T.: 6.804 min
Delta R.T.: 0.012 min
Response: 18684656
Conc: 53.84 ng/ml



#28 AR-1254-3

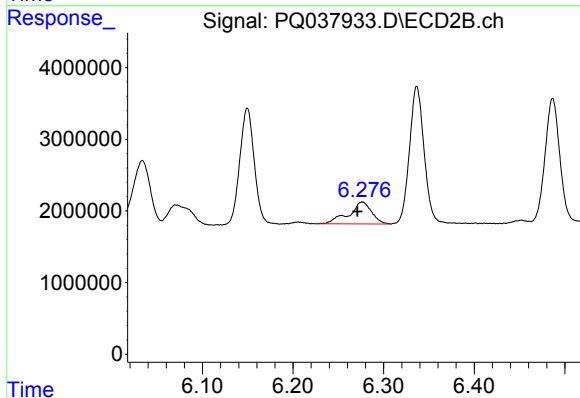
R.T.: 6.034 min
Delta R.T.: -0.011 min
Response: 12435426
Conc: 54.50 ng/ml



#29 AR-1254-4

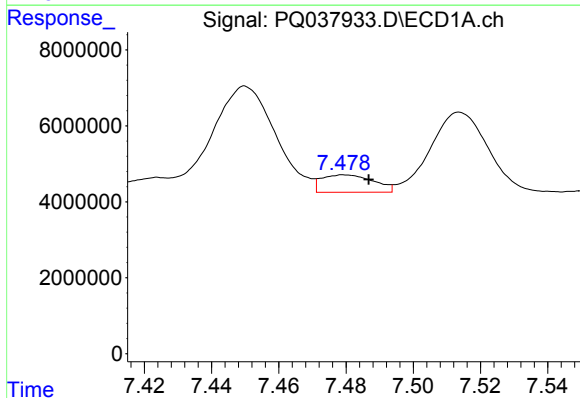
R.T.: 7.093 min
Delta R.T.: 0.018 min
Response: 5440775
Conc: 19.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS38



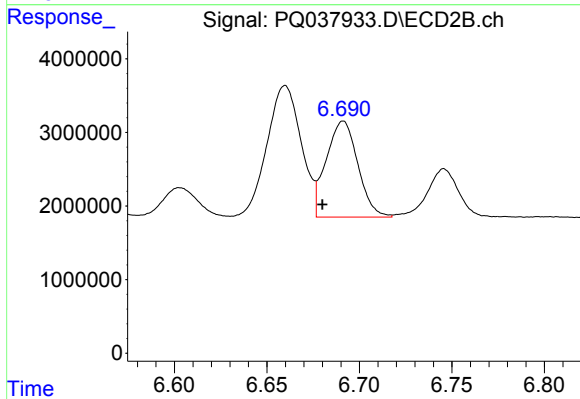
#29 AR-1254-4

R.T.: 6.276 min
Delta R.T.: 0.005 min
Response: 5349382
Conc: 31.15 ng/ml



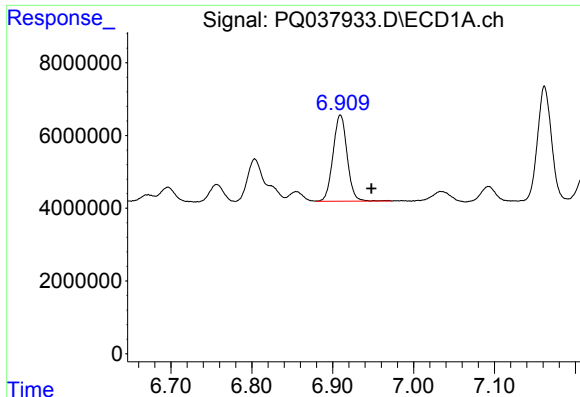
#30 AR-1254-5

R.T.: 7.480 min
Delta R.T.: -0.007 min
Response: 4929480
Conc: 17.84 ng/ml



#30 AR-1254-5

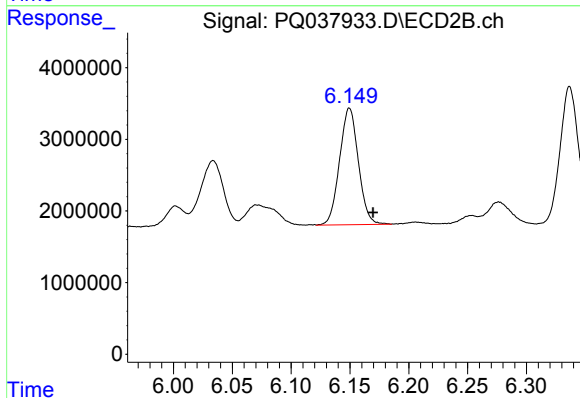
R.T.: 6.691 min
Delta R.T.: 0.011 min
Response: 15549659
Conc: 80.31 ng/ml



#31 AR-1260-1

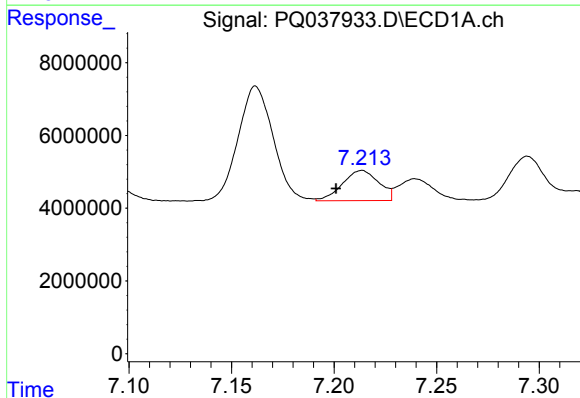
R.T.: 6.910 min
Delta R.T.: -0.038 min
Response: 28712217
Conc: 64.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS38



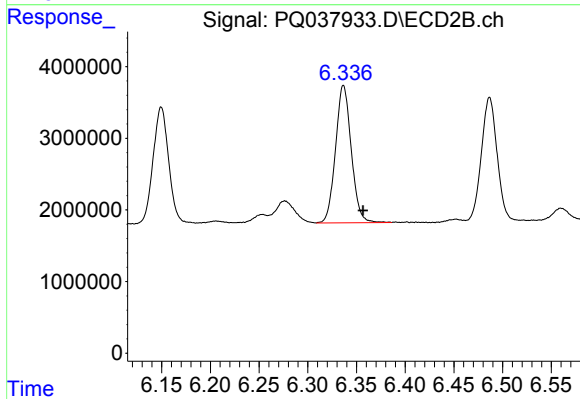
#31 AR-1260-1

R.T.: 6.150 min
Delta R.T.: -0.020 min
Response: 18109927
Conc: 71.43 ng/ml



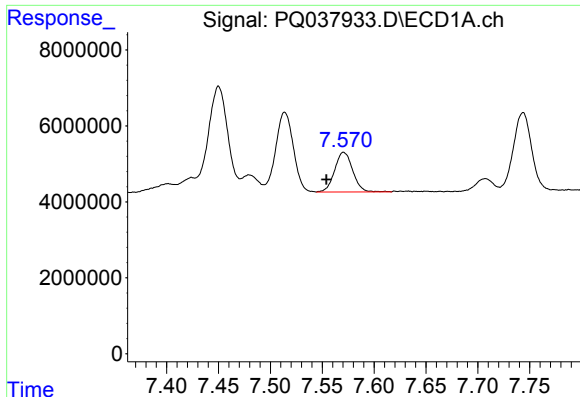
#32 AR-1260-2

R.T.: 7.214 min
Delta R.T.: 0.013 min
Response: 10254863
Conc: 17.74 ng/ml



#32 AR-1260-2

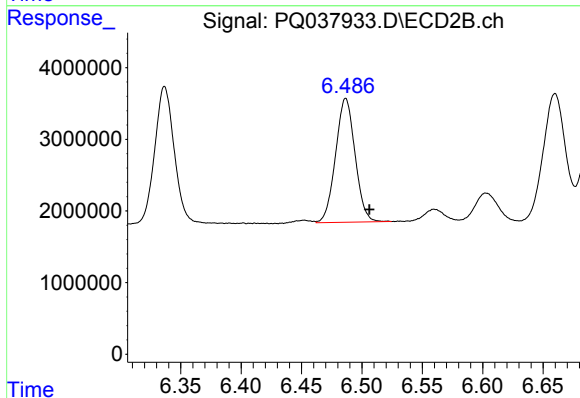
R.T.: 6.337 min
Delta R.T.: -0.020 min
Response: 21558656
Conc: 70.14 ng/ml



#33 AR-1260-3

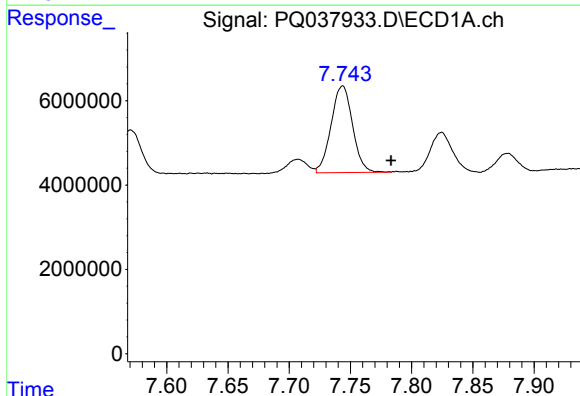
R.T.: 7.571 min
Delta R.T.: 0.017 min
Response: 12682475
Conc: 28.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS38



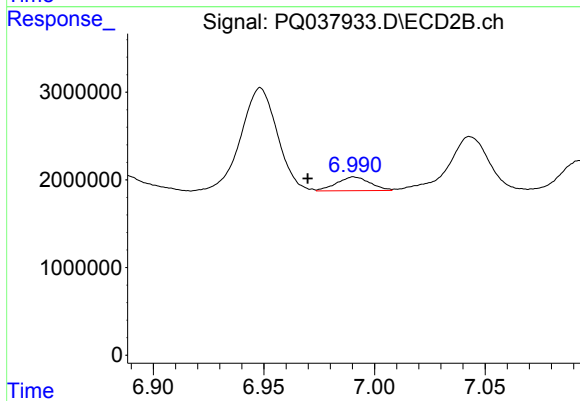
#33 AR-1260-3

R.T.: 6.487 min
Delta R.T.: -0.020 min
Response: 19462989
Conc: 68.54 ng/ml



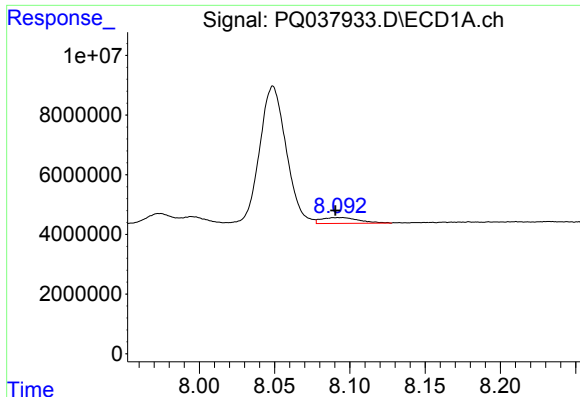
#34 AR-1260-4

R.T.: 7.744 min
Delta R.T.: -0.040 min
Response: 25070888
Conc: 57.24 ng/ml



#34 AR-1260-4

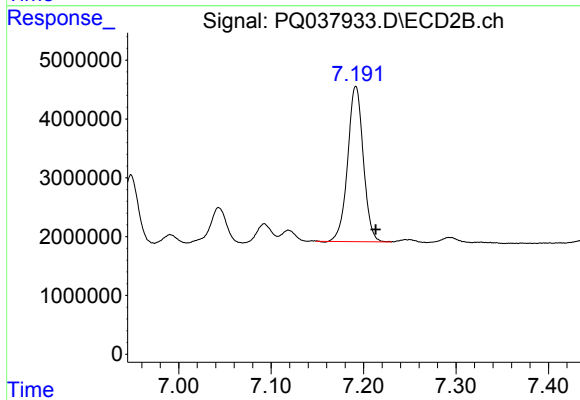
R.T.: 6.991 min
Delta R.T.: 0.021 min
Response: 1654128
Conc: 7.52 ng/ml



#35 AR-1260-5

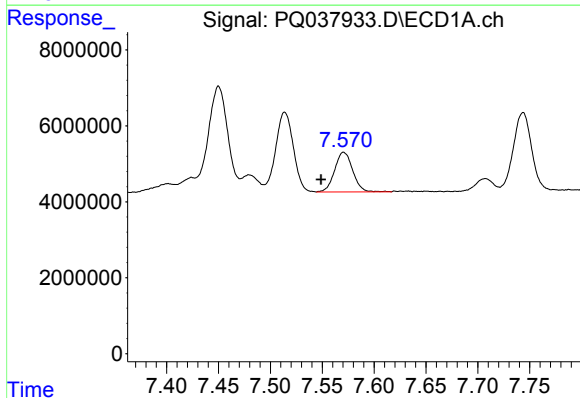
R.T.: 8.094 min
Delta R.T.: 0.003 min
Response: 3361284
Conc: 3.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS38



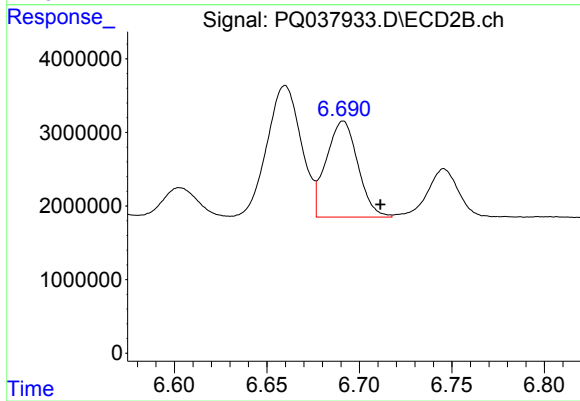
#35 AR-1260-5

R.T.: 7.192 min
Delta R.T.: -0.022 min
Response: 30983531
Conc: 58.68 ng/ml



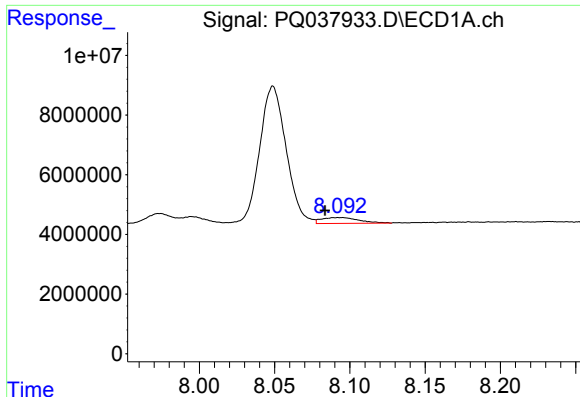
#36 AR-1262-1

R.T.: 7.571 min
Delta R.T.: 0.022 min
Response: 12682475
Conc: 31.75 ng/ml



#36 AR-1262-1

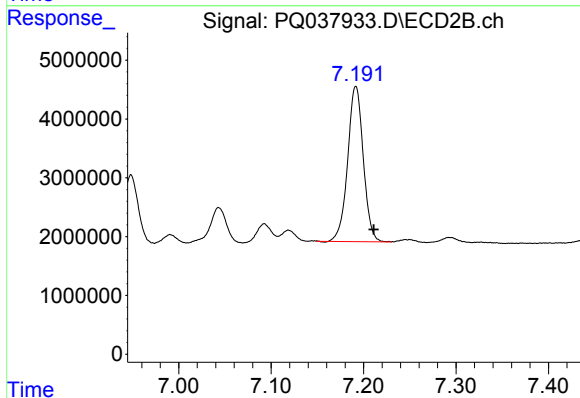
R.T.: 6.691 min
Delta R.T.: -0.020 min
Response: 15549659
Conc: 74.30 ng/ml



#37 AR-1262-2

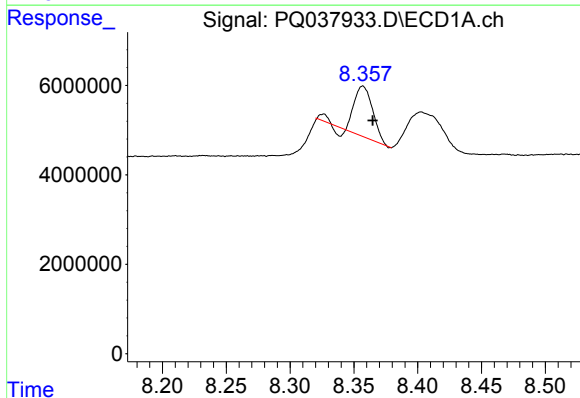
R.T.: 8.094 min
Delta R.T.: 0.010 min
Response: 3361284
Conc: 4.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS38



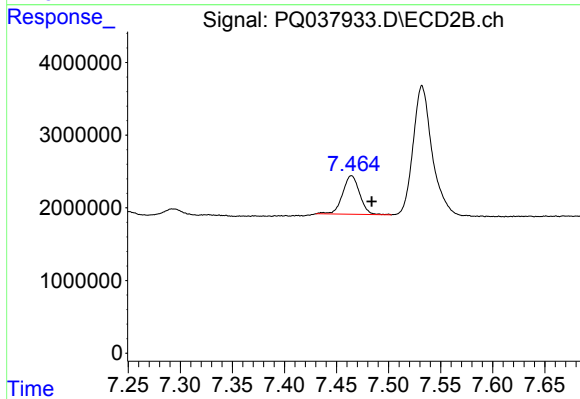
#37 AR-1262-2

R.T.: 7.192 min
Delta R.T.: -0.020 min
Response: 30983531
Conc: 83.64 ng/ml



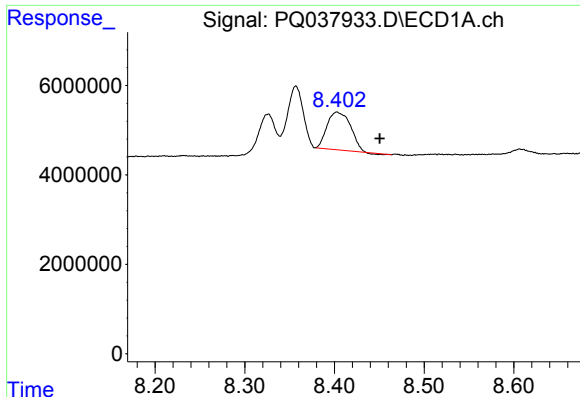
#38 AR-1262-3

R.T.: 8.357 min
Delta R.T.: -0.008 min
Response: 11101032
Conc: 37.07 ng/ml



#38 AR-1262-3

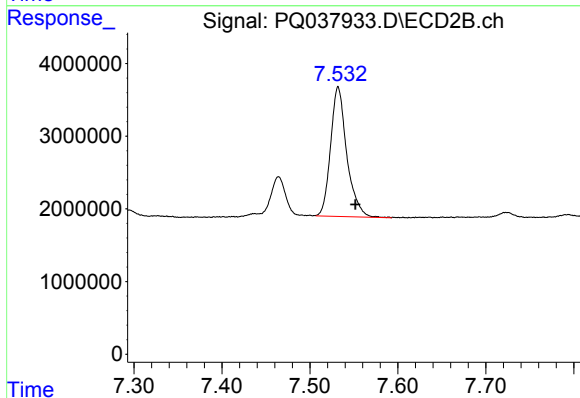
R.T.: 7.464 min
Delta R.T.: -0.019 min
Response: 6031374
Conc: 41.27 ng/ml



#39 AR-1262-4

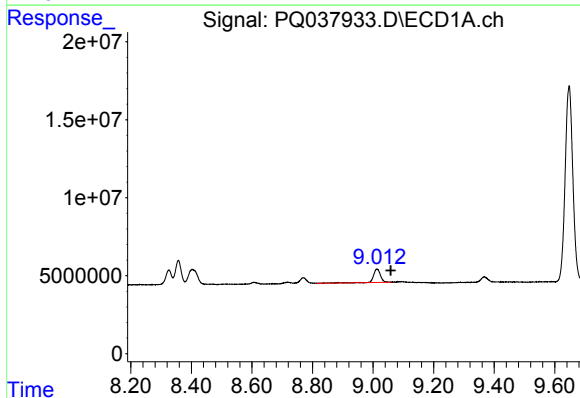
R.T.: 8.403 min
Delta R.T.: -0.048 min
Response: 15247330
Conc: 43.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS38



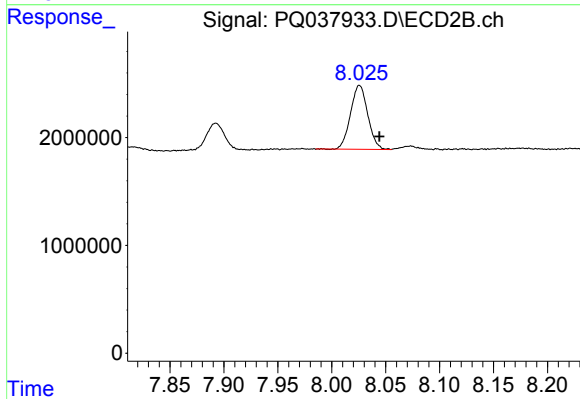
#39 AR-1262-4

R.T.: 7.532 min
Delta R.T.: -0.019 min
Response: 22771675
Conc: 85.39 ng/ml



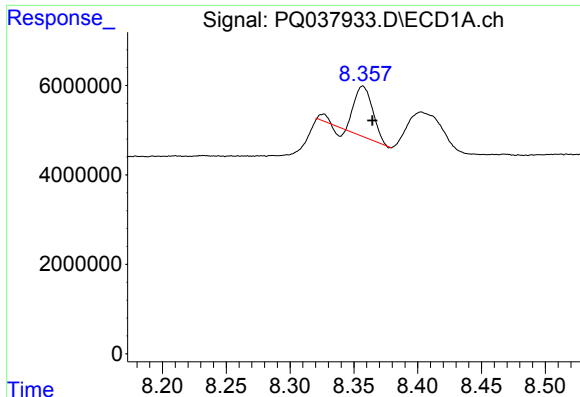
#40 AR-1262-5

R.T.: 9.013 min
Delta R.T.: -0.046 min
Response: 13592336
Conc: 56.99 ng/ml



#40 AR-1262-5

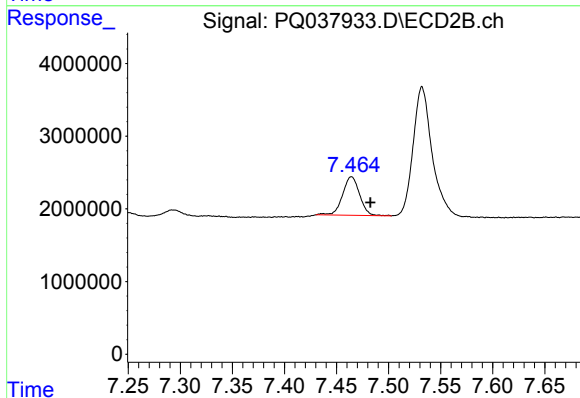
R.T.: 8.026 min
Delta R.T.: -0.018 min
Response: 6582437
Conc: 56.34 ng/ml



#41 AR-1268-1

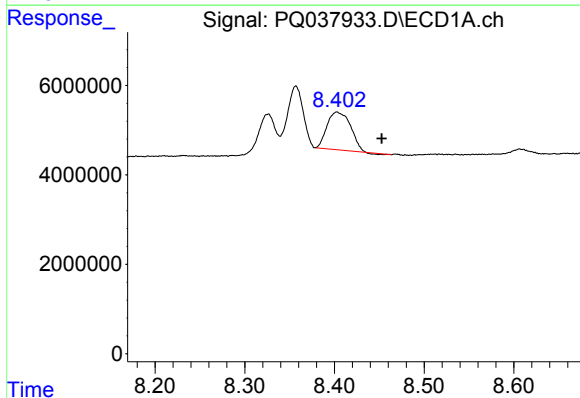
R.T.: 8.357 min
Delta R.T.: -0.008 min
Response: 11101032
Conc: 8.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS38



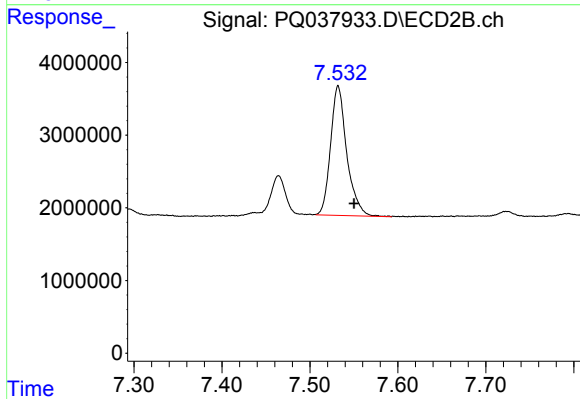
#41 AR-1268-1

R.T.: 7.464 min
Delta R.T.: -0.018 min
Response: 6031374
Conc: 9.21 ng/ml



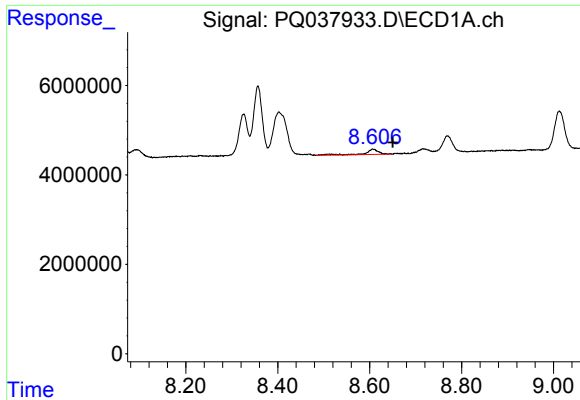
#42 AR-1268-2

R.T.: 8.403 min
Delta R.T.: -0.050 min
Response: 15247330
Conc: 12.38 ng/ml



#42 AR-1268-2

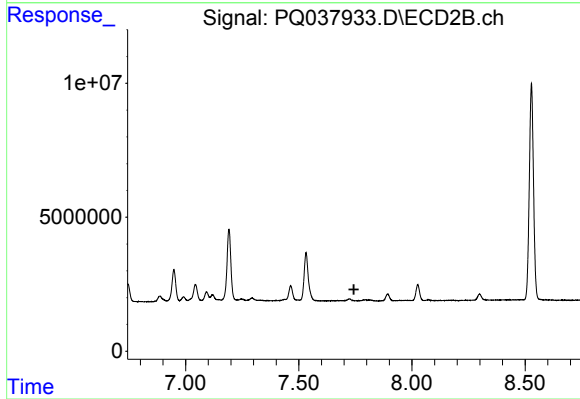
R.T.: 7.532 min
Delta R.T.: -0.018 min
Response: 22771675
Conc: 38.08 ng/ml



#43 AR-1268-3

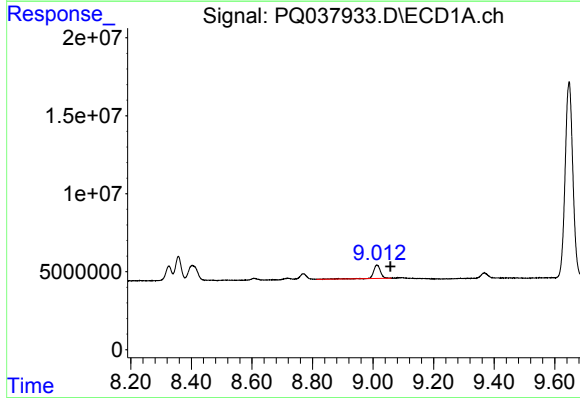
R.T.: 8.607 min
Delta R.T.: -0.044 min
Response: 2507467
Conc: 2.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS38



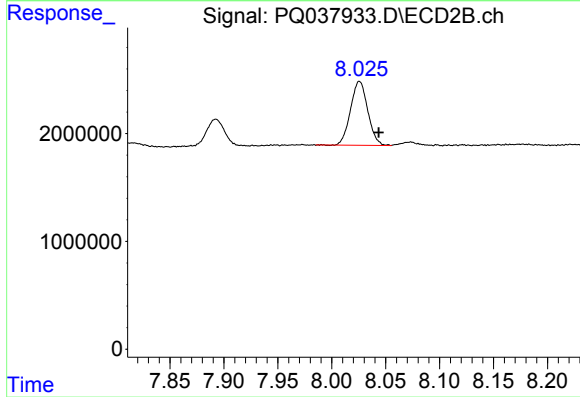
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.743 min
Response: 0
Conc: N.D.



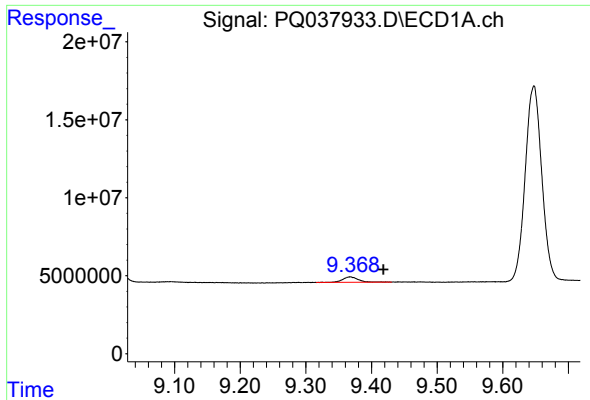
#44 AR-1268-4

R.T.: 9.013 min
Delta R.T.: -0.045 min
Response: 13592336
Conc: 34.08 ng/ml



#44 AR-1268-4

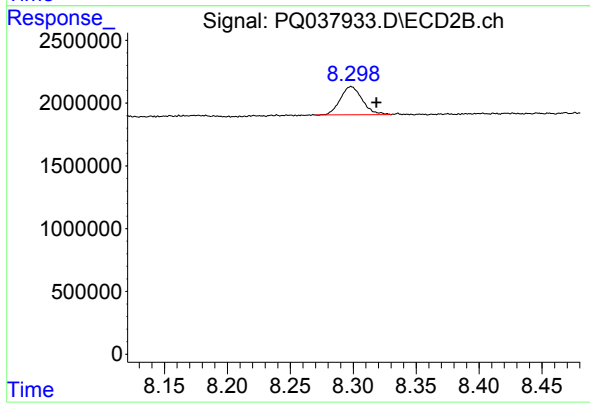
R.T.: 8.026 min
Delta R.T.: -0.018 min
Response: 6582437
Conc: 33.58 ng/ml



#45 AR-1268-5

R.T.: 9.367 min
Delta R.T.: -0.050 min
Response: 5779901
Conc: 1.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ALCS38



#45 AR-1268-5

R.T.: 8.298 min
Delta R.T.: -0.020 min
Response: 2739837
Conc: 1.78 ng/ml