

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ042221\
 Data File : PQ053168.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Apr 2021 22:01
 Operator : DD\AJ
 Sample : AR1254CCC400
 Misc :
 ALS Vial : 143 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR12543007

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 23 05:08:50 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ042021CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Apr 21 07:47:07 2021
 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...	5.222	4.237	562.4E6	230.7E6	20.045	19.835
2)	SA Decachlor...	11.412	9.579	1121.6E6	480.0E6	39.657	38.566
Target Compounds							
3)	L1 AR-1016-1	6.547	5.495	16038261	6648350	16.461	15.096
4)	L1 AR-1016-2	6.574	5.515	18759607	5284470	12.901	8.353 #
5)	L1 AR-1016-3	6.638	5.709	7624133	3433627	8.672	10.412
6)	L1 AR-1016-4	6.745	5.758	7991496	155.4E6	11.032	596.026 #
7)	L1 AR-1016-5	7.059	5.988	196.5E6	91839753	284.551	276.351
9)	L2 AR-1221-2	5.577	4.593	7390034	3052927	35.815	34.358
10)	L2 AR-1221-3	5.660	4.682	4384607	1696272	6.316	5.493
11)	L3 AR-1232-1	5.660	4.682	4384607	1696272	8.443	7.431
12)	L3 AR-1232-2	6.251	5.515	7466022	5284470	26.663	21.629
13)	L3 AR-1232-3	6.574	5.709	18759607	3433627	32.721	28.075
14)	L3 AR-1232-4	6.745	5.803	7991496	44211546	27.941	422.269 #
15)	L3 AR-1232-5	6.839	5.988	330.1E6	91839753	1617.590	782.993 #
16)	L4 AR-1242-1	6.547	5.495	16038261	6648350	17.687	16.586
17)	L4 AR-1242-2	6.574	5.515	18759607	5284470	13.813	9.060 #
18)	L4 AR-1242-3	6.638	5.709	7624133	3433627	9.239	11.334
19)	L4 AR-1242-4	6.745	5.803	7991496	44211546	11.665	155.429 #
20)	L4 AR-1242-5	7.530	6.368	184.7E6	418.1E6	253.162	1055.296 #
21)	L5 AR-1248-1	6.547	5.495	16038261	6648350	25.919	24.409
22)	L5 AR-1248-2	6.839	5.758	330.1E6	155.4E6	378.465	417.839
23)	L5 AR-1248-3	7.059	5.803	196.5E6	44211546	200.501	115.799 #
24)	L5 AR-1248-4	7.488	5.988	303.9E6	91839753	265.951	196.453 #
25)	L5 AR-1248-5	7.530	6.412	184.7E6	48275576	162.056	98.110 #
26)	L6 AR-1254-1	7.457	6.368	590.9E6	418.1E6	375.862	389.915
27)	L6 AR-1254-2	7.685	6.527	908.9E6	369.2E6	371.245	387.106
28)	L6 AR-1254-3	8.069	6.948	963.8E6	594.7E6	366.257	383.950
29)	L6 AR-1254-4	8.364	7.187	716.9E6	415.8E6	372.514	397.094
30)	L6 AR-1254-5	8.793	7.616	751.3E6	552.2E6	367.257	378.428
31)	L7 AR-1260-1	8.234	7.085	353.1E6	276.8E6	306.702	427.159 #
32)	L7 AR-1260-2	8.498	7.281	417.4E6	271.8E6	299.597	293.223
33)	L7 AR-1260-3	8.857	7.436	92114847	234.6E6	86.033	301.446 #
34)	L7 AR-1260-4	9.102	7.920	286.3E6	23914846	236.475	35.225 #
35)	L7 AR-1260-5	9.454	8.166	131.2E6	67654955	51.281	36.569 #
36)	L8 AR-1262-1	8.857	7.616	92114847	552.2E6	46.056	900.835 #
37)	L8 AR-1262-2	9.454	8.166	131.2E6	67654955	35.357	26.625
38)	L8 AR-1262-3	9.812	8.453	85574095	1946515	34.098	1.916 #
39)	L8 AR-1262-4	9.867	8.515	22620182	57540033	11.318	33.399 #
40)	L8 AR-1262-5	10.603	9.021	6846715	3089125	4.831	3.969
41)	L9 AR-1268-1	9.812	8.453	85574095	1946515	19.234	0.665 #
42)	L9 AR-1268-2	9.867	8.515	22620182	57540033	5.276	23.111 #
43)	L9 AR-1268-3	0.000	8.729	0	2455568	N.D.	1.133 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ042221\
 Data File : PQ053168.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Apr 2021 22:01
 Operator : DD\AJ
 Sample : AR1254CCC400
 Misc :
 ALS Vial : 143 Sample Multiplier: 1

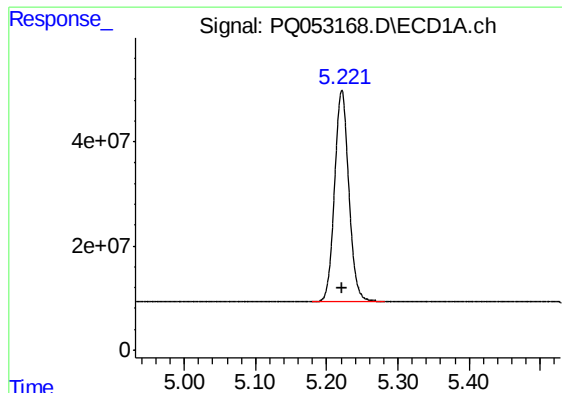
Instrument :
 ECD_Q
 ClientSampleId :
 AR12543007

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 23 05:08:50 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ042021CLP.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
44) L9	AR-1268-4	10.603	9.021	6846715	3089125	4.448	3.621
45) L9	AR-1268-5	11.049	9.321	9060798	3065651	0.703	0.494 #

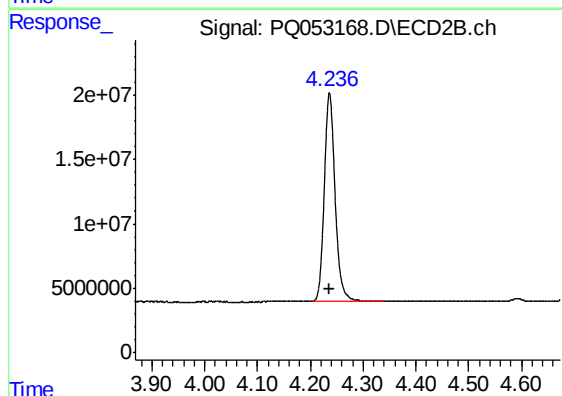
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

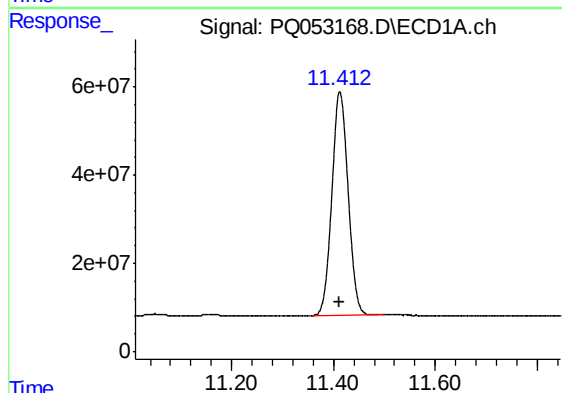
R.T.: 5.222 min
Delta R.T.: 0.000 min
Response: 562432785
Conc: 20.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12543007



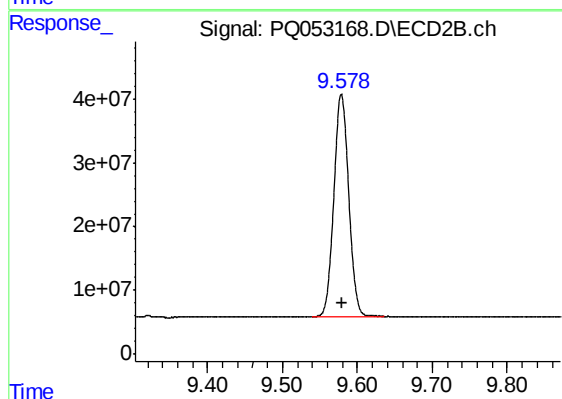
#1 Tetrachloro-m-xylene

R.T.: 4.237 min
Delta R.T.: 0.000 min
Response: 230653310
Conc: 19.84 ng/ml



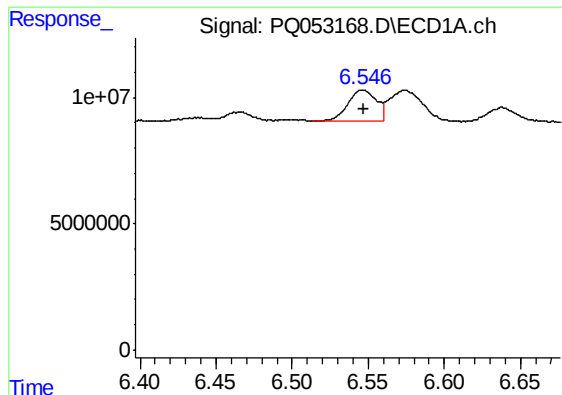
#2 Decachlorobiphenyl

R.T.: 11.412 min
Delta R.T.: 0.000 min
Response: 1121571910
Conc: 39.66 ng/ml



#2 Decachlorobiphenyl

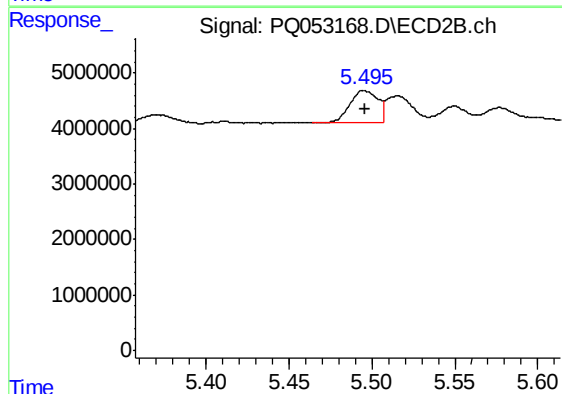
R.T.: 9.579 min
Delta R.T.: 0.000 min
Response: 479998789
Conc: 38.57 ng/ml



#3 AR-1016-1

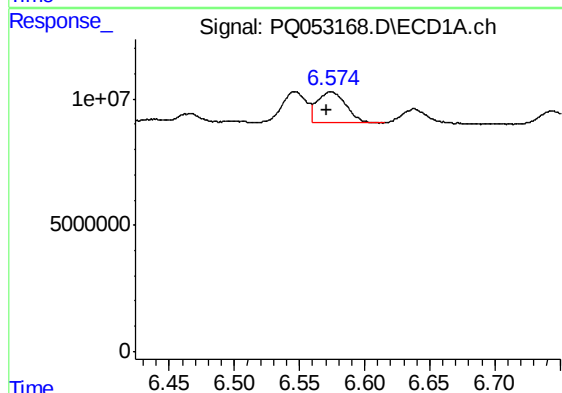
R.T.: 6.547 min
Delta R.T.: 0.000 min
Response: 16038261
Conc: 16.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12543007



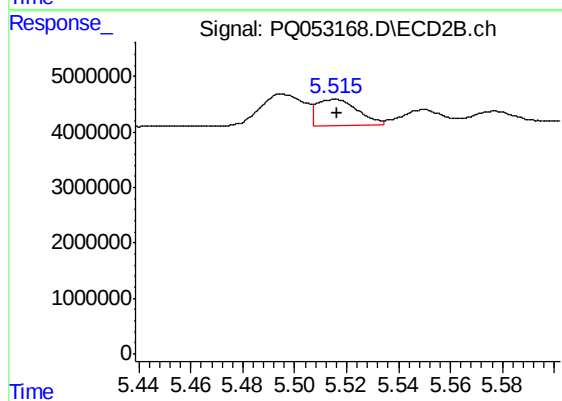
#3 AR-1016-1

R.T.: 5.495 min
Delta R.T.: -0.001 min
Response: 6648350
Conc: 15.10 ng/ml



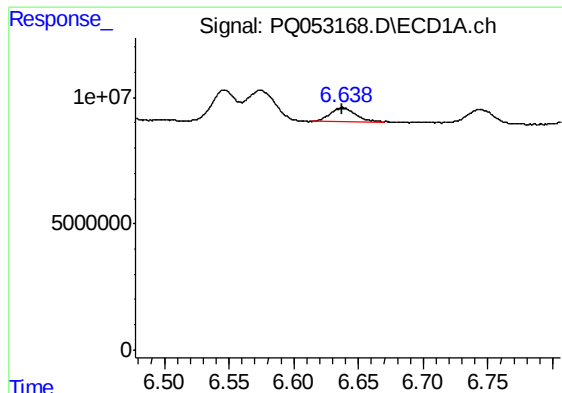
#4 AR-1016-2

R.T.: 6.574 min
Delta R.T.: 0.003 min
Response: 18759607
Conc: 12.90 ng/ml



#4 AR-1016-2

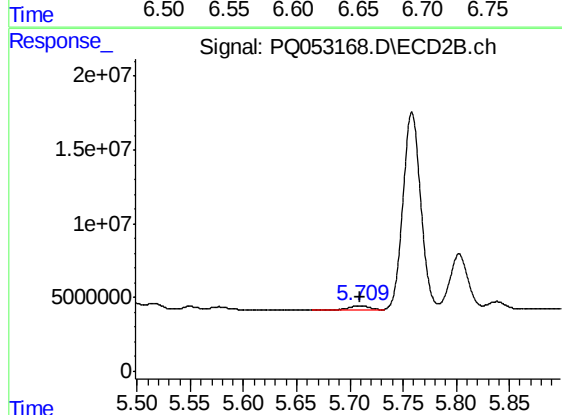
R.T.: 5.515 min
Delta R.T.: 0.000 min
Response: 5284470
Conc: 8.35 ng/ml



#5 AR-1016-3

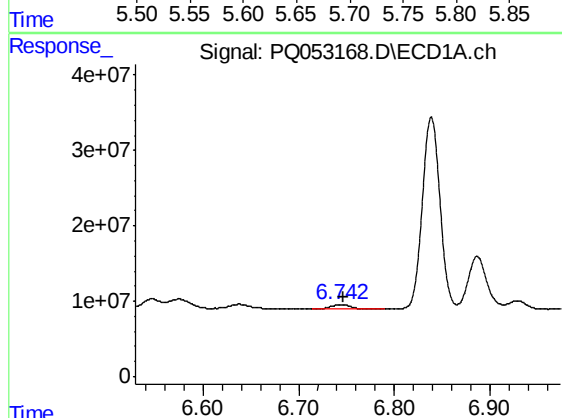
R.T.: 6.638 min
Delta R.T.: 0.000 min
Response: 7624133
Conc: 8.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12543007



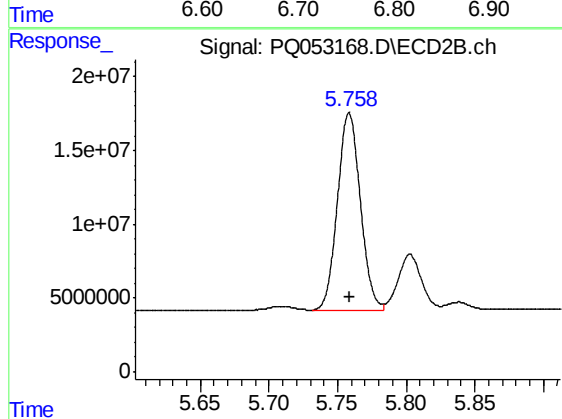
#5 AR-1016-3

R.T.: 5.709 min
Delta R.T.: 0.000 min
Response: 3433627
Conc: 10.41 ng/ml



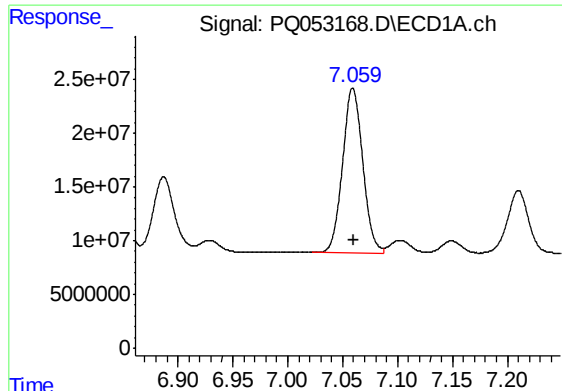
#6 AR-1016-4

R.T.: 6.745 min
Delta R.T.: -0.002 min
Response: 7991496
Conc: 11.03 ng/ml



#6 AR-1016-4

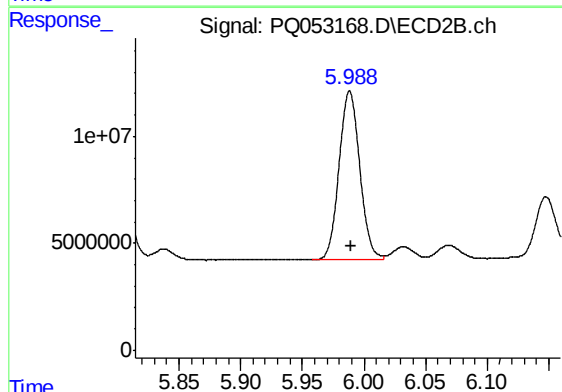
R.T.: 5.758 min
Delta R.T.: 0.000 min
Response: 155362806
Conc: 596.03 ng/ml



#7 AR-1016-5

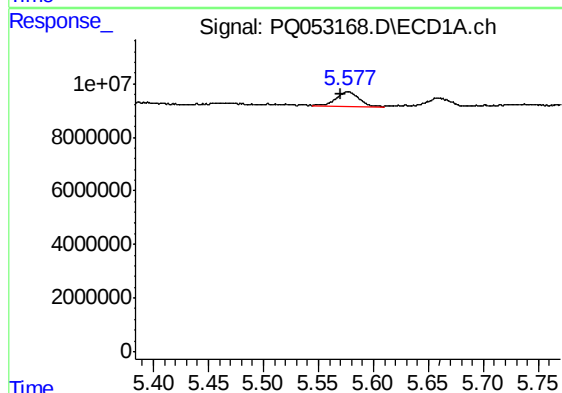
R.T.: 7.059 min
Delta R.T.: 0.000 min
Response: 196537303
Conc: 284.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12543007



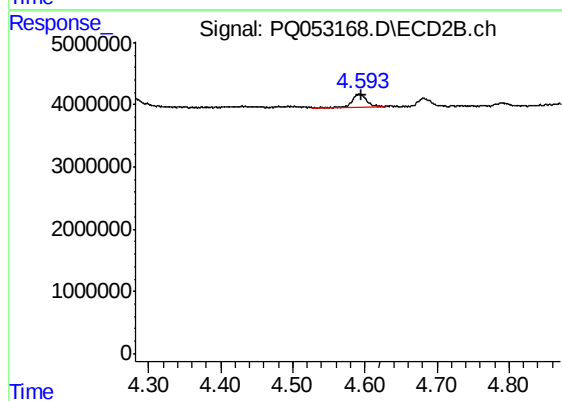
#7 AR-1016-5

R.T.: 5.988 min
Delta R.T.: -0.002 min
Response: 91839753
Conc: 276.35 ng/ml



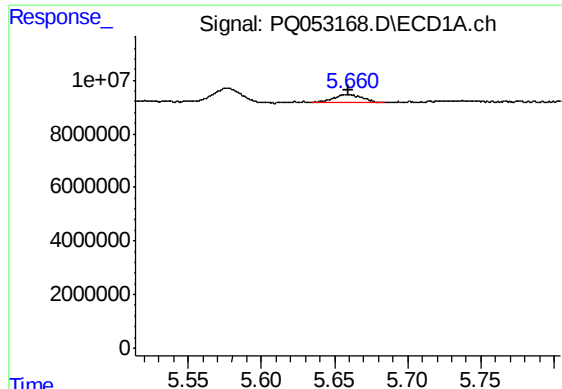
#9 AR-1221-2

R.T.: 5.577 min
Delta R.T.: 0.006 min
Response: 7390034
Conc: 35.81 ng/ml



#9 AR-1221-2

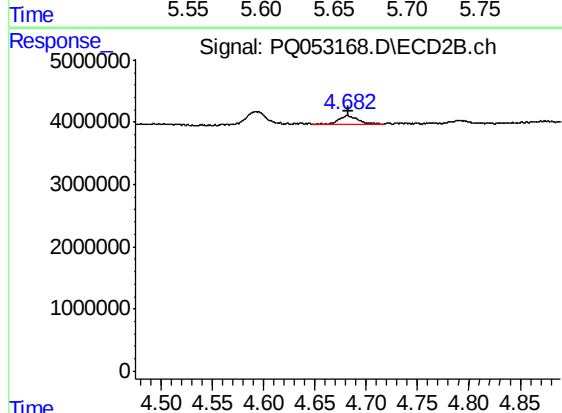
R.T.: 4.593 min
Delta R.T.: -0.002 min
Response: 3052927
Conc: 34.36 ng/ml



#10 AR-1221-3

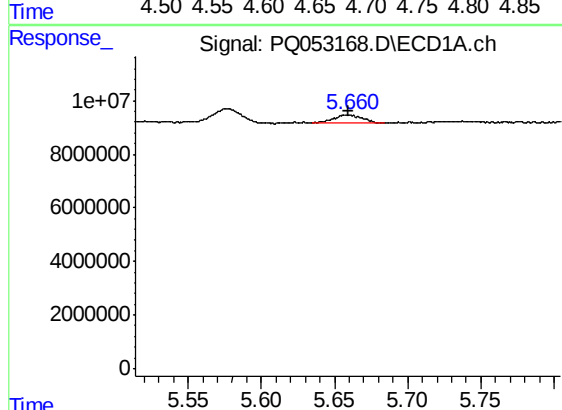
R.T.: 5.660 min
Delta R.T.: 0.001 min
Response: 4384607
Conc: 6.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12543007



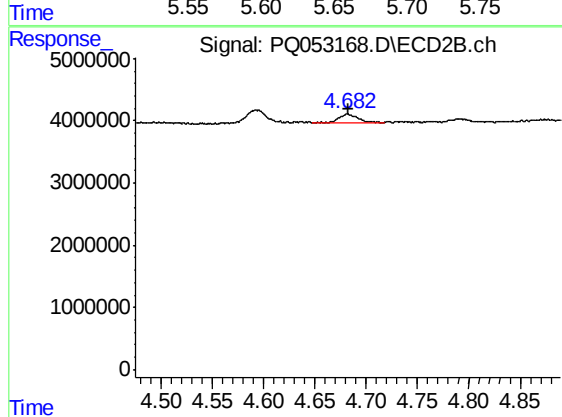
#10 AR-1221-3

R.T.: 4.682 min
Delta R.T.: -0.002 min
Response: 1696272
Conc: 5.49 ng/ml



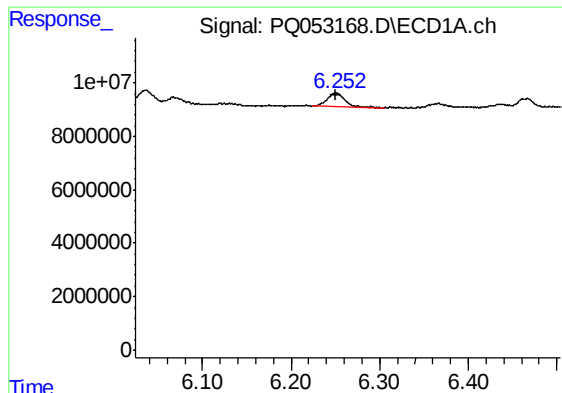
#11 AR-1232-1

R.T.: 5.660 min
Delta R.T.: 0.001 min
Response: 4384607
Conc: 8.44 ng/ml



#11 AR-1232-1

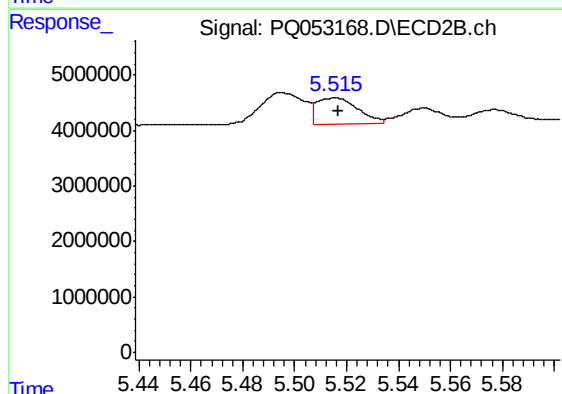
R.T.: 4.682 min
Delta R.T.: -0.001 min
Response: 1696272
Conc: 7.43 ng/ml



#12 AR-1232-2

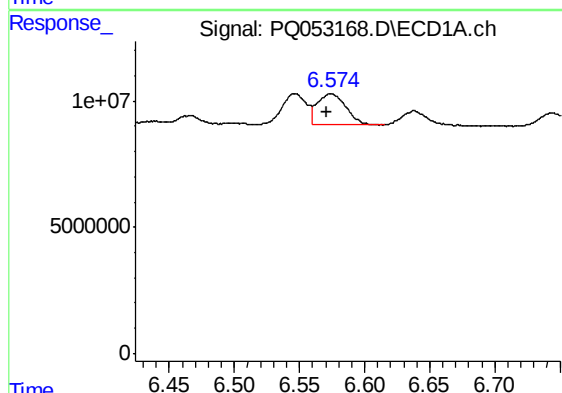
R.T.: 6.251 min
Delta R.T.: 0.000 min
Response: 7466022
Conc: 26.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12543007



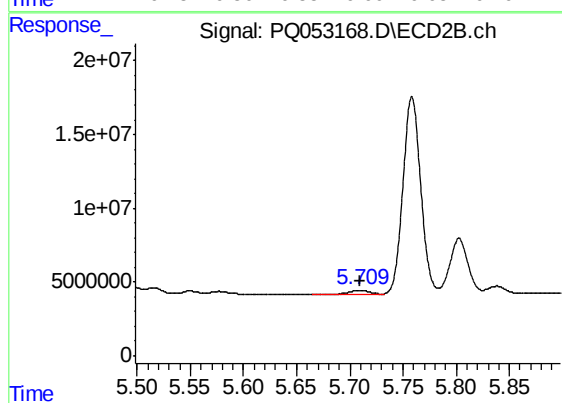
#12 AR-1232-2

R.T.: 5.515 min
Delta R.T.: -0.001 min
Response: 5284470
Conc: 21.63 ng/ml



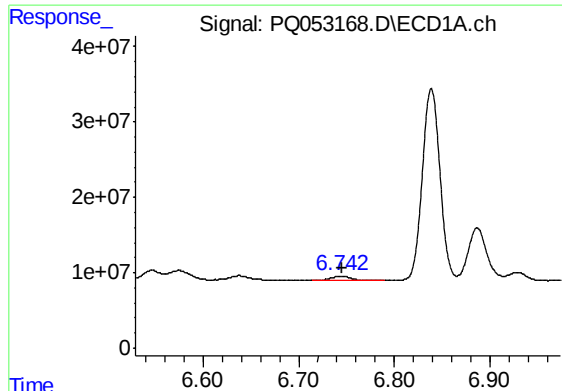
#13 AR-1232-3

R.T.: 6.574 min
Delta R.T.: 0.003 min
Response: 18759607
Conc: 32.72 ng/ml



#13 AR-1232-3

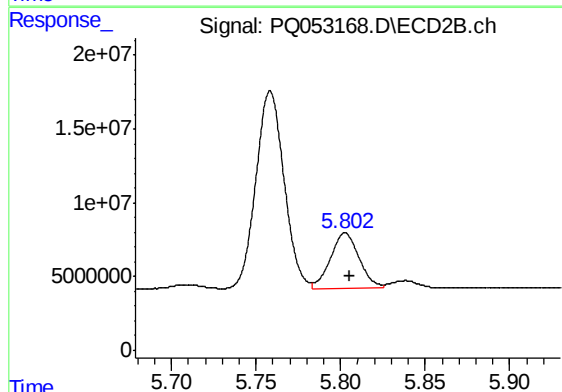
R.T.: 5.709 min
Delta R.T.: 0.000 min
Response: 3433627
Conc: 28.08 ng/ml



#14 AR-1232-4

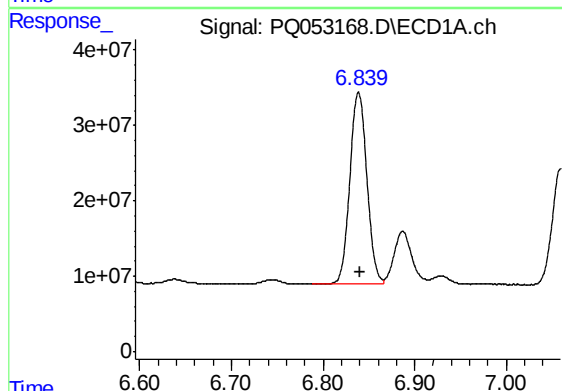
R.T.: 6.745 min
Delta R.T.: -0.001 min
Response: 7991496
Conc: 27.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12543007



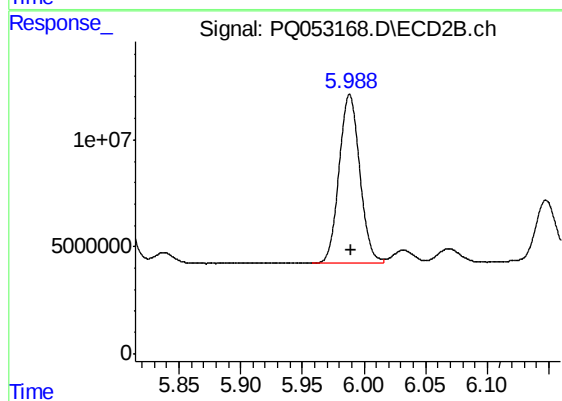
#14 AR-1232-4

R.T.: 5.803 min
Delta R.T.: -0.002 min
Response: 44211546
Conc: 422.27 ng/ml



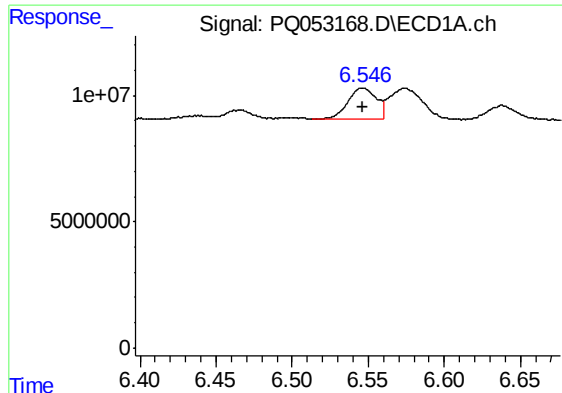
#15 AR-1232-5

R.T.: 6.839 min
Delta R.T.: -0.001 min
Response: 330089646
Conc: 1617.59 ng/ml



#15 AR-1232-5

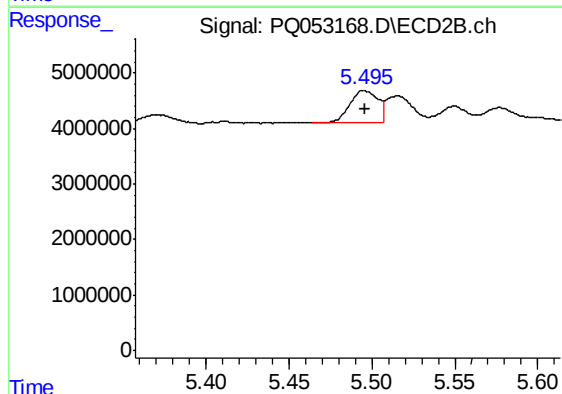
R.T.: 5.988 min
Delta R.T.: -0.002 min
Response: 91839753
Conc: 782.99 ng/ml



#16 AR-1242-1

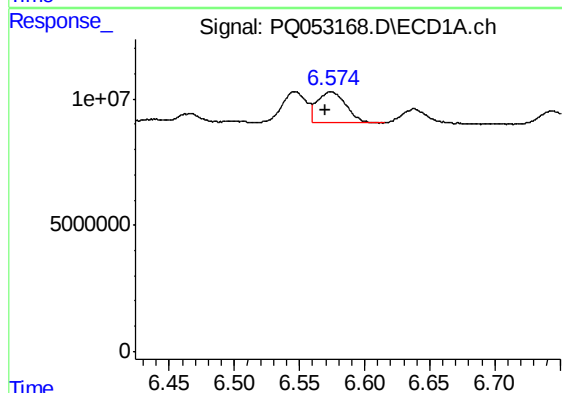
R.T.: 6.547 min
Delta R.T.: 0.000 min
Response: 16038261
Conc: 17.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12543007



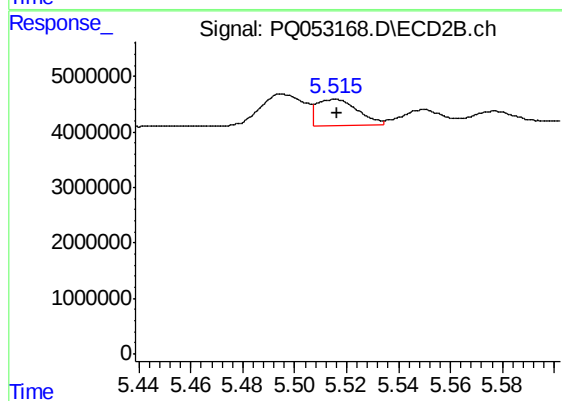
#16 AR-1242-1

R.T.: 5.495 min
Delta R.T.: 0.000 min
Response: 6648350
Conc: 16.59 ng/ml



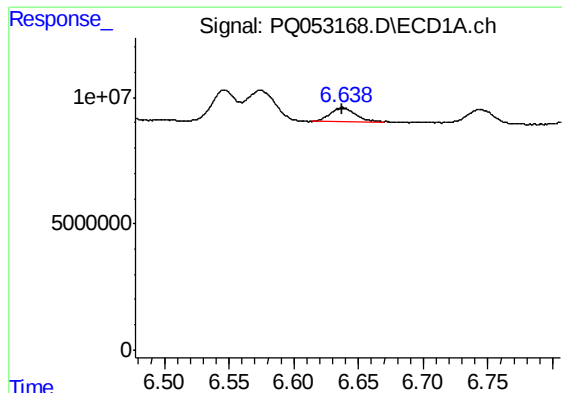
#17 AR-1242-2

R.T.: 6.574 min
Delta R.T.: 0.004 min
Response: 18759607
Conc: 13.81 ng/ml



#17 AR-1242-2

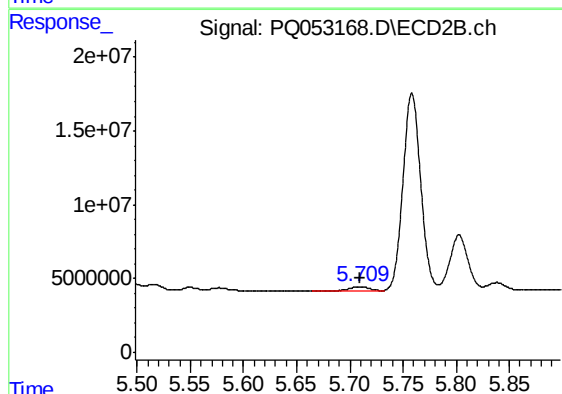
R.T.: 5.515 min
Delta R.T.: 0.000 min
Response: 5284470
Conc: 9.06 ng/ml



#18 AR-1242-3

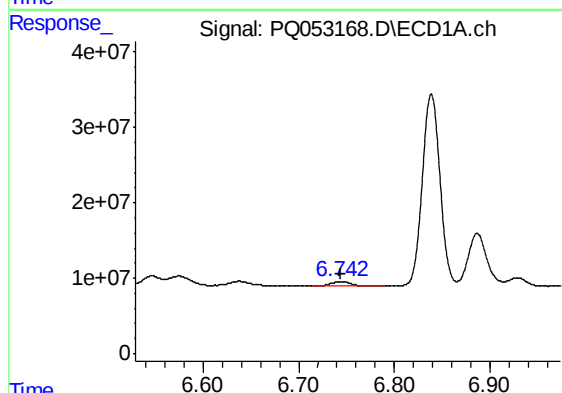
R.T.: 6.638 min
Delta R.T.: 0.000 min
Response: 7624133
Conc: 9.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12543007



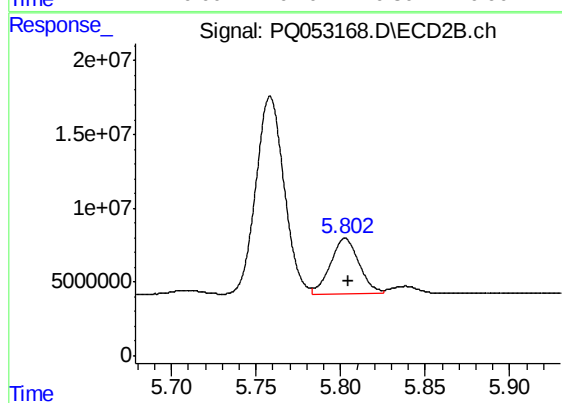
#18 AR-1242-3

R.T.: 5.709 min
Delta R.T.: 0.000 min
Response: 3433627
Conc: 11.33 ng/ml



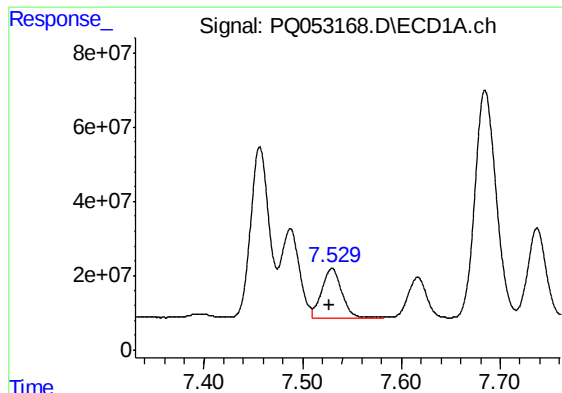
#19 AR-1242-4

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 7991496
Conc: 11.66 ng/ml



#19 AR-1242-4

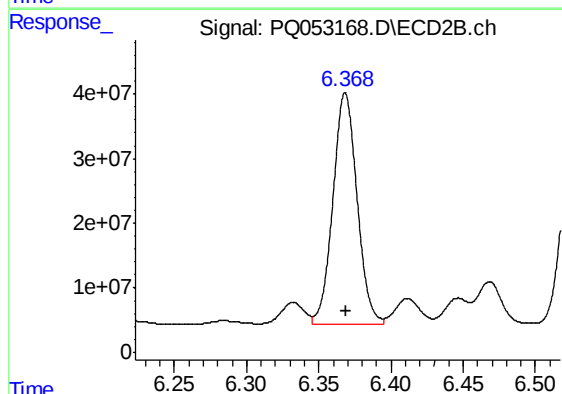
R.T.: 5.803 min
Delta R.T.: -0.002 min
Response: 44211546
Conc: 155.43 ng/ml



#20 AR-1242-5

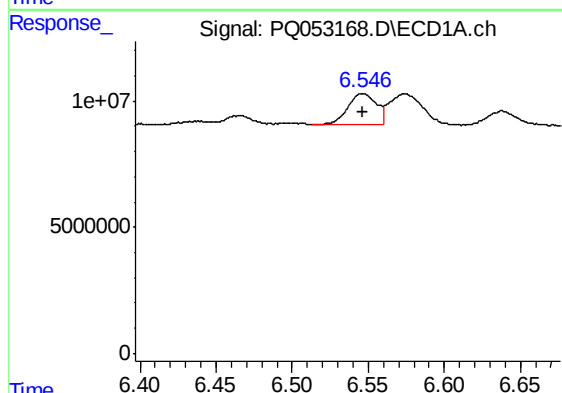
R.T.: 7.530 min
Delta R.T.: 0.003 min
Response: 184685187
Conc: 253.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12543007



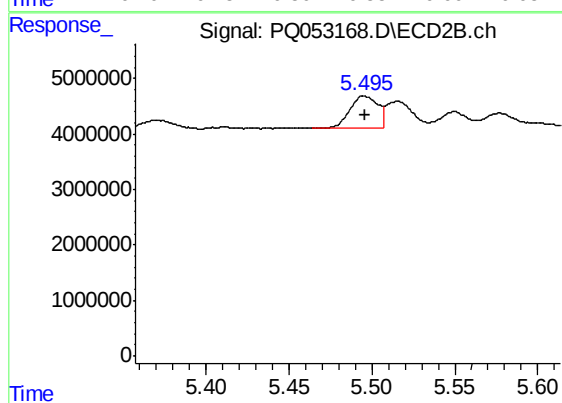
#20 AR-1242-5

R.T.: 6.368 min
Delta R.T.: 0.000 min
Response: 418079095
Conc: 1055.30 ng/ml



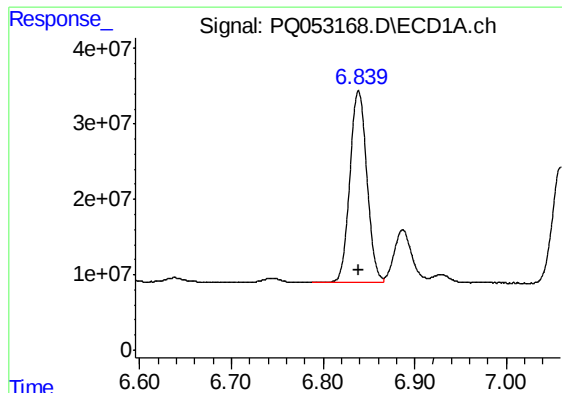
#21 AR-1248-1

R.T.: 6.547 min
Delta R.T.: 0.000 min
Response: 16038261
Conc: 25.92 ng/ml



#21 AR-1248-1

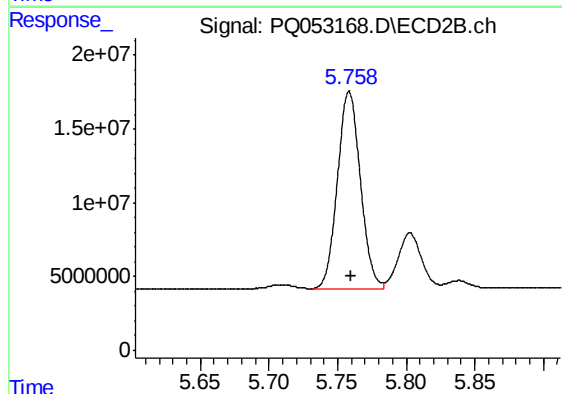
R.T.: 5.495 min
Delta R.T.: 0.000 min
Response: 6648350
Conc: 24.41 ng/ml



#22 AR-1248-2

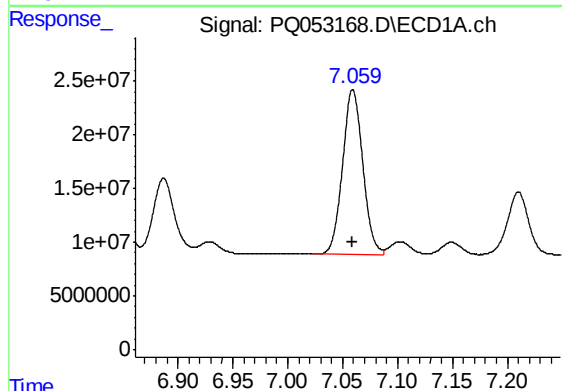
R.T.: 6.839 min
Delta R.T.: 0.000 min
Response: 330089646
Conc: 378.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12543007



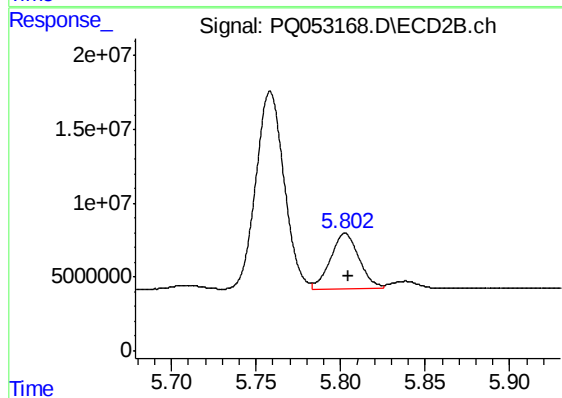
#22 AR-1248-2

R.T.: 5.758 min
Delta R.T.: -0.001 min
Response: 155362806
Conc: 417.84 ng/ml



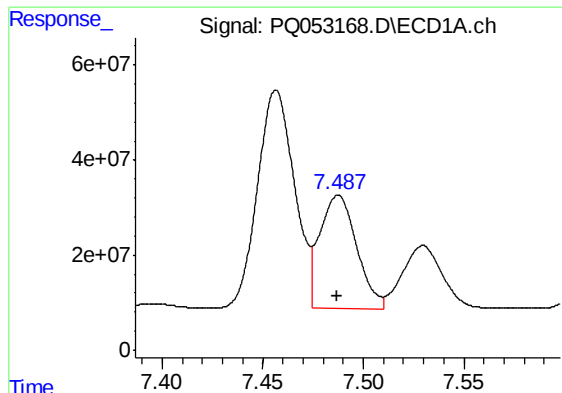
#23 AR-1248-3

R.T.: 7.059 min
Delta R.T.: 0.000 min
Response: 196537303
Conc: 200.50 ng/ml



#23 AR-1248-3

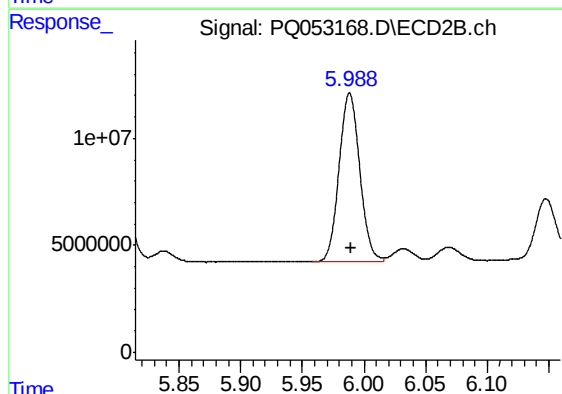
R.T.: 5.803 min
Delta R.T.: -0.002 min
Response: 44211546
Conc: 115.80 ng/ml



#24 AR-1248-4

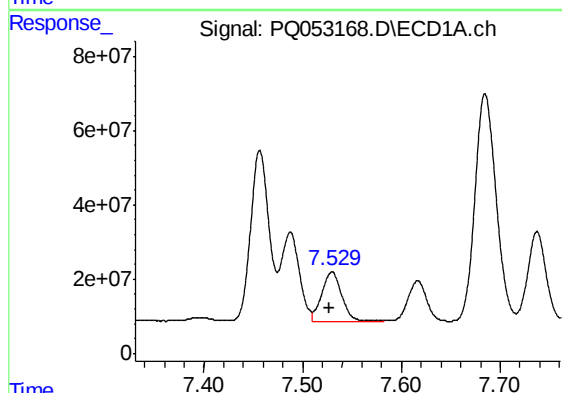
R.T.: 7.488 min
Delta R.T.: 0.000 min
Response: 303909597
Conc: 265.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12543007



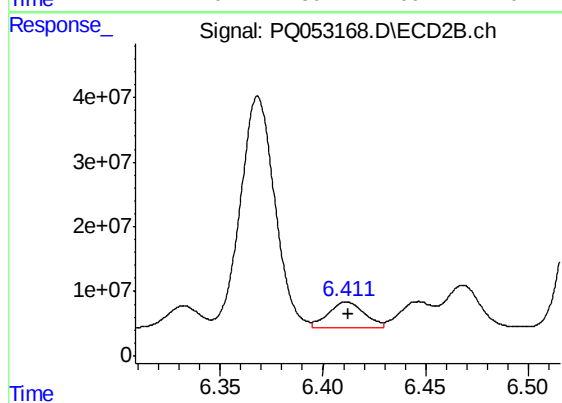
#24 AR-1248-4

R.T.: 5.988 min
Delta R.T.: -0.001 min
Response: 91839753
Conc: 196.45 ng/ml



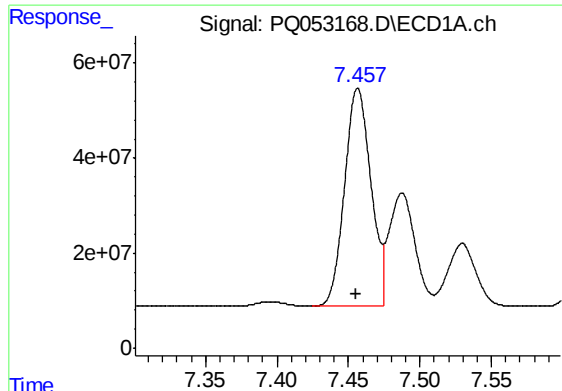
#25 AR-1248-5

R.T.: 7.530 min
Delta R.T.: 0.003 min
Response: 184685187
Conc: 162.06 ng/ml



#25 AR-1248-5

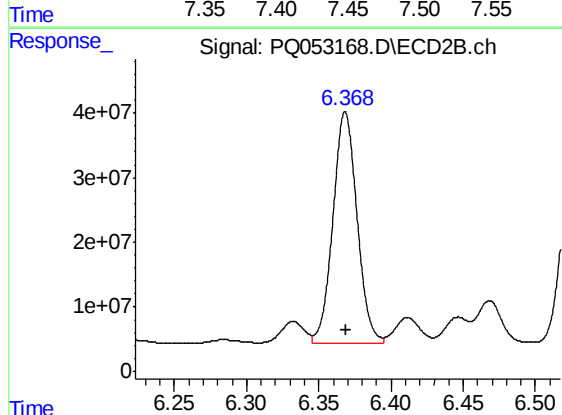
R.T.: 6.412 min
Delta R.T.: -0.001 min
Response: 48275576
Conc: 98.11 ng/ml



#26 AR-1254-1

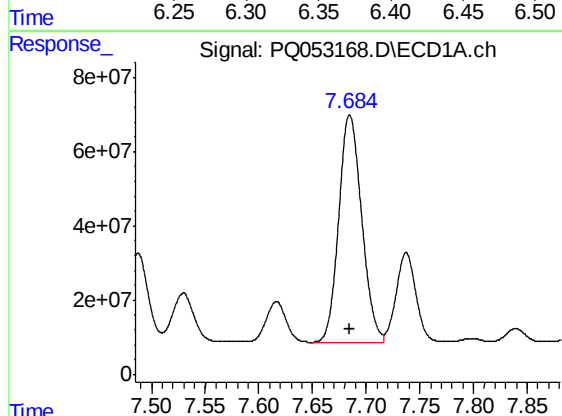
R.T.: 7.457 min
Delta R.T.: 0.000 min
Response: 590875505
Conc: 375.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12543007



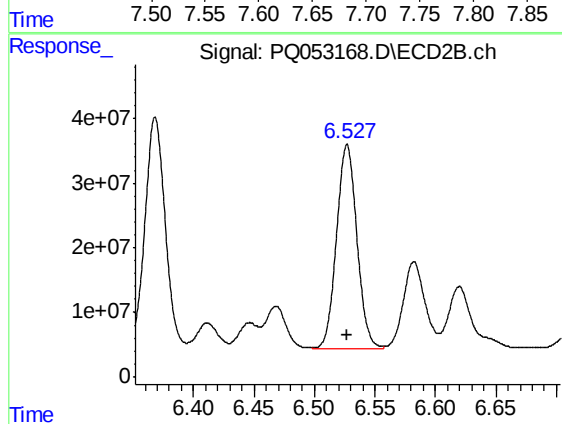
#26 AR-1254-1

R.T.: 6.368 min
Delta R.T.: 0.000 min
Response: 418079095
Conc: 389.91 ng/ml



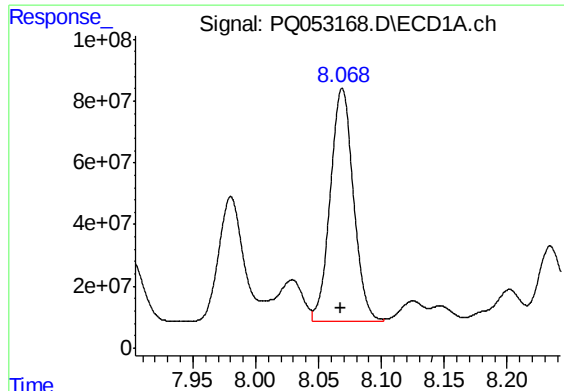
#27 AR-1254-2

R.T.: 7.685 min
Delta R.T.: 0.000 min
Response: 908907104
Conc: 371.25 ng/ml



#27 AR-1254-2

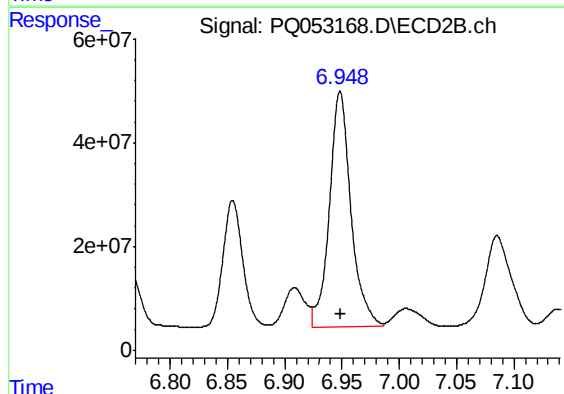
R.T.: 6.527 min
Delta R.T.: 0.000 min
Response: 369236999
Conc: 387.11 ng/ml



#28 AR-1254-3

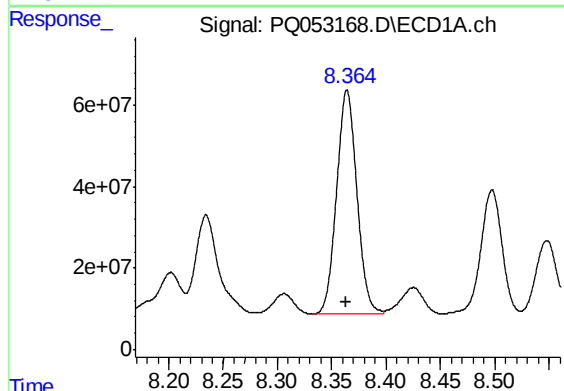
R.T.: 8.069 min
Delta R.T.: 0.000 min
Response: 963837622
Conc: 366.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12543007



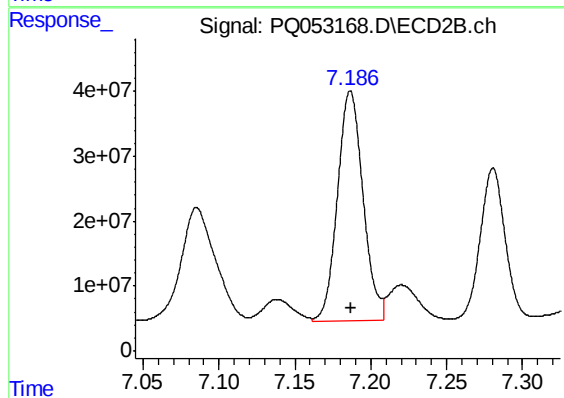
#28 AR-1254-3

R.T.: 6.948 min
Delta R.T.: 0.000 min
Response: 594673178
Conc: 383.95 ng/ml



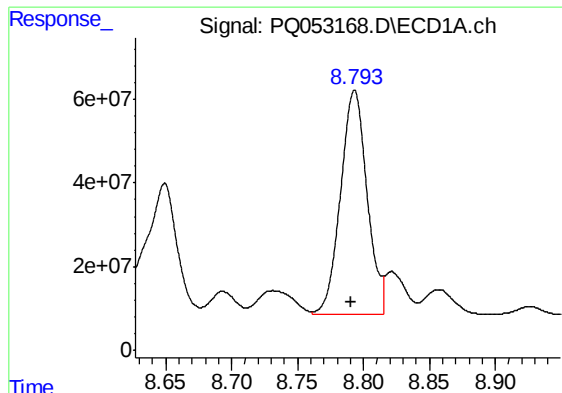
#29 AR-1254-4

R.T.: 8.364 min
Delta R.T.: 0.001 min
Response: 716921127
Conc: 372.51 ng/ml



#29 AR-1254-4

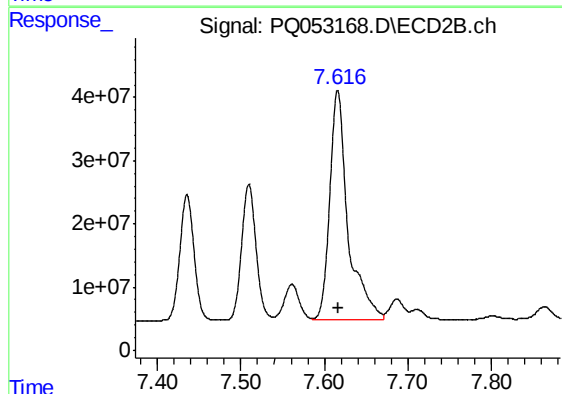
R.T.: 7.187 min
Delta R.T.: 0.000 min
Response: 415791711
Conc: 397.09 ng/ml



#30 AR-1254-5

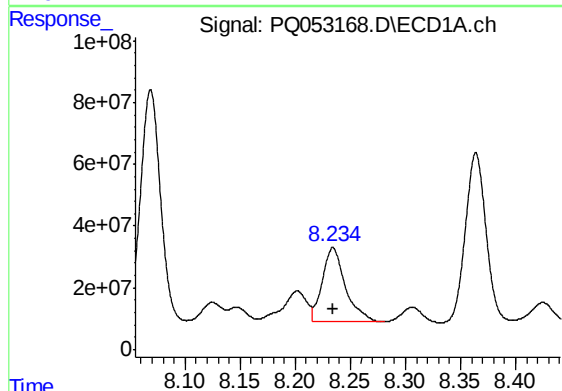
R.T.: 8.793 min
Delta R.T.: 0.002 min
Response: 751281374
Conc: 367.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12543007



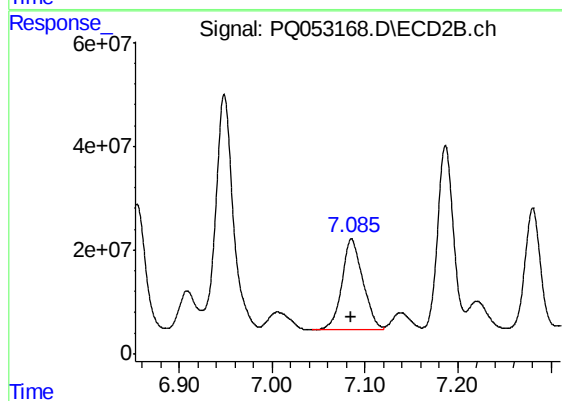
#30 AR-1254-5

R.T.: 7.616 min
Delta R.T.: 0.000 min
Response: 552207478
Conc: 378.43 ng/ml



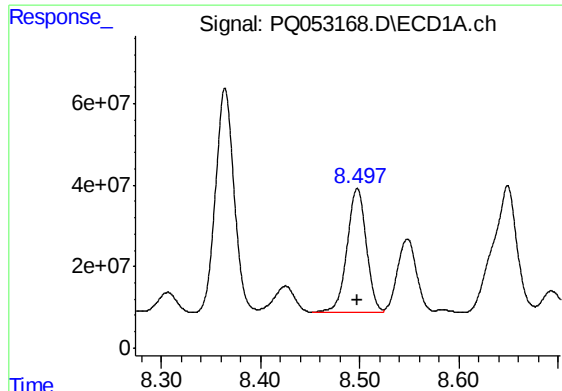
#31 AR-1260-1

R.T.: 8.234 min
Delta R.T.: 0.000 min
Response: 353103364
Conc: 306.70 ng/ml



#31 AR-1260-1

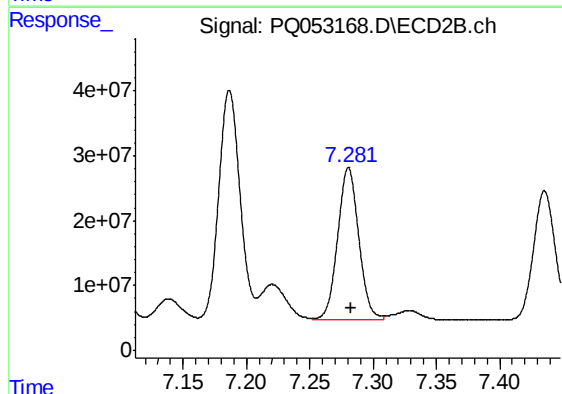
R.T.: 7.085 min
Delta R.T.: 0.000 min
Response: 276813229
Conc: 427.16 ng/ml



#32 AR-1260-2

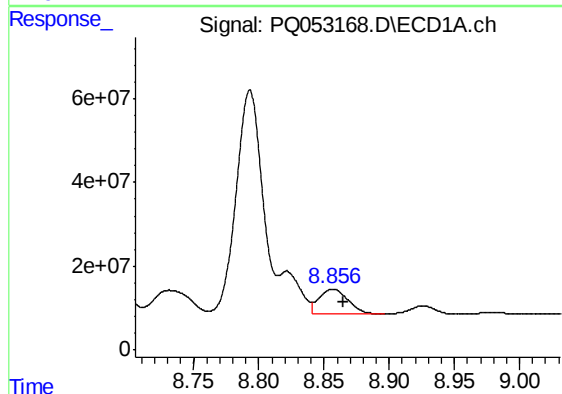
R.T.: 8.498 min
Delta R.T.: 0.000 min
Response: 417423909
Conc: 299.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12543007



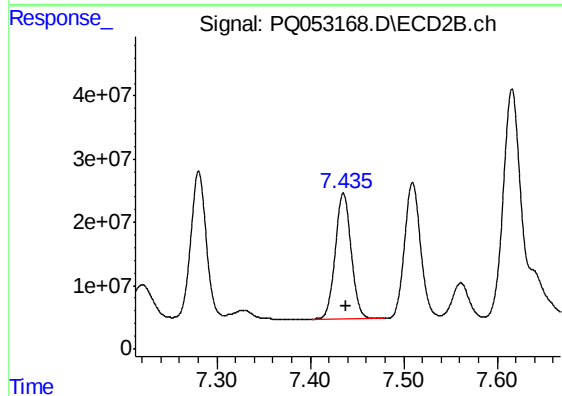
#32 AR-1260-2

R.T.: 7.281 min
Delta R.T.: -0.002 min
Response: 271804602
Conc: 293.22 ng/ml



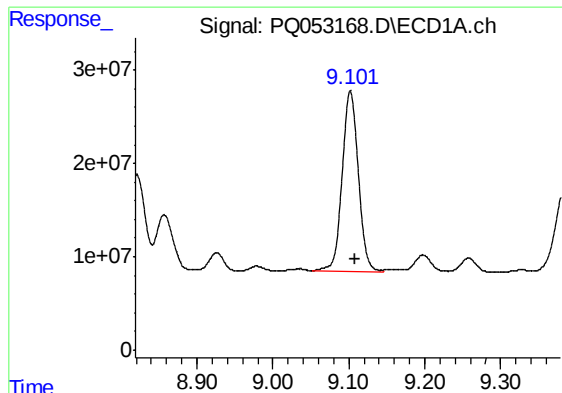
#33 AR-1260-3

R.T.: 8.857 min
Delta R.T.: -0.007 min
Response: 92114847
Conc: 86.03 ng/ml



#33 AR-1260-3

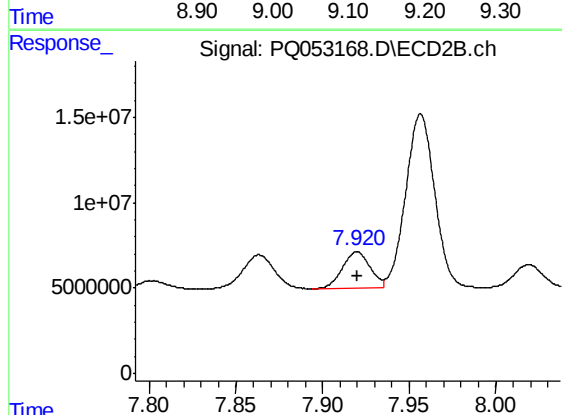
R.T.: 7.436 min
Delta R.T.: -0.002 min
Response: 234557275
Conc: 301.45 ng/ml



#34 AR-1260-4

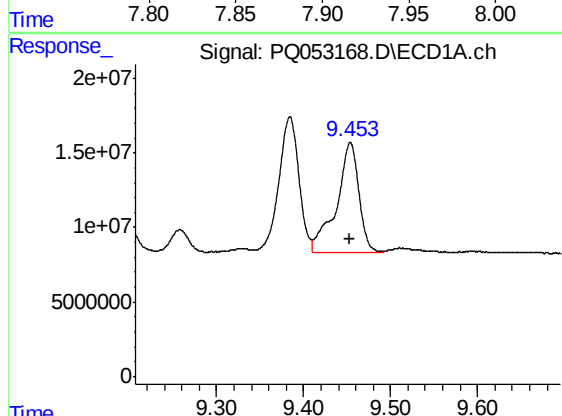
R.T.: 9.102 min
Delta R.T.: -0.006 min
Response: 286345722
Conc: 236.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12543007



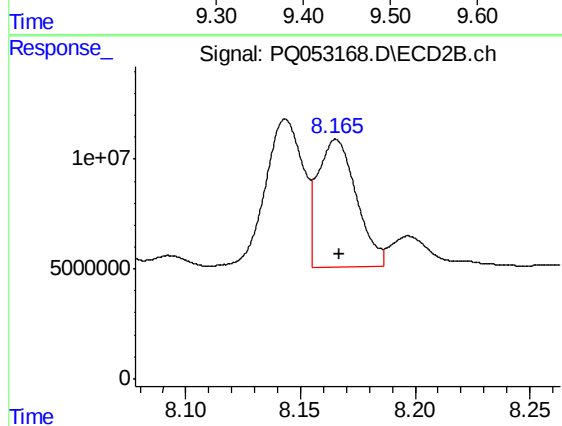
#34 AR-1260-4

R.T.: 7.920 min
Delta R.T.: 0.000 min
Response: 23914846
Conc: 35.23 ng/ml



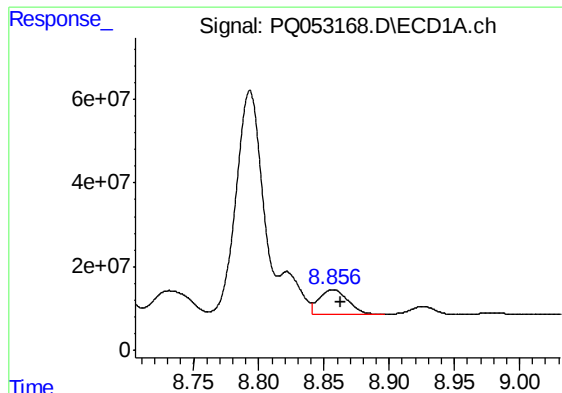
#35 AR-1260-5

R.T.: 9.454 min
Delta R.T.: 0.001 min
Response: 131213095
Conc: 51.28 ng/ml



#35 AR-1260-5

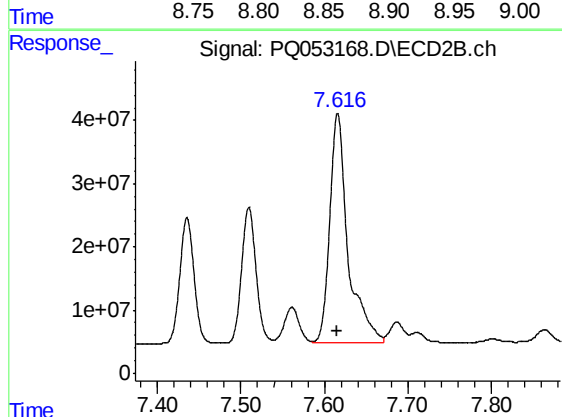
R.T.: 8.166 min
Delta R.T.: -0.002 min
Response: 67654955
Conc: 36.57 ng/ml



#36 AR-1262-1

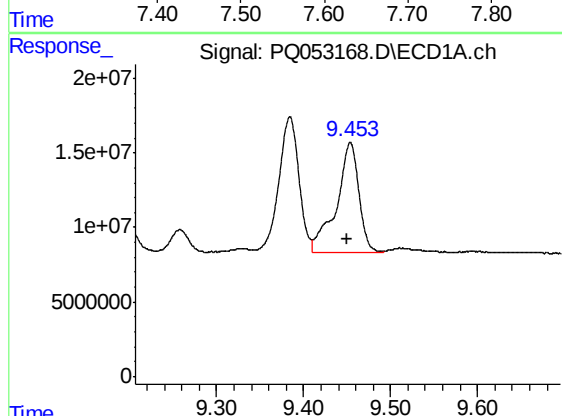
R.T.: 8.857 min
Delta R.T.: -0.006 min
Response: 92114847
Conc: 46.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12543007



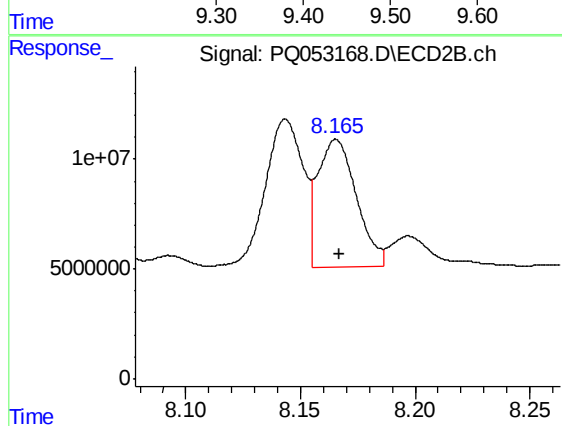
#36 AR-1262-1

R.T.: 7.616 min
Delta R.T.: 0.000 min
Response: 552207478
Conc: 900.83 ng/ml



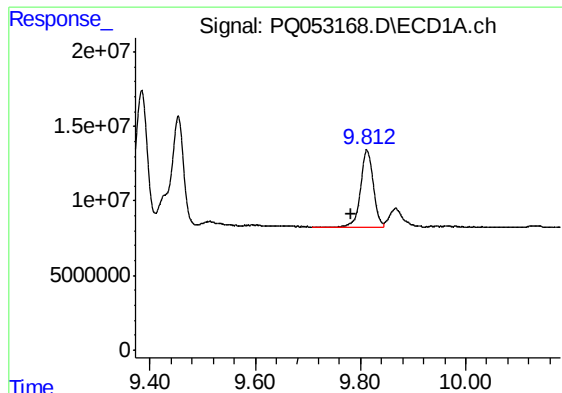
#37 AR-1262-2

R.T.: 9.454 min
Delta R.T.: 0.003 min
Response: 131213095
Conc: 35.36 ng/ml



#37 AR-1262-2

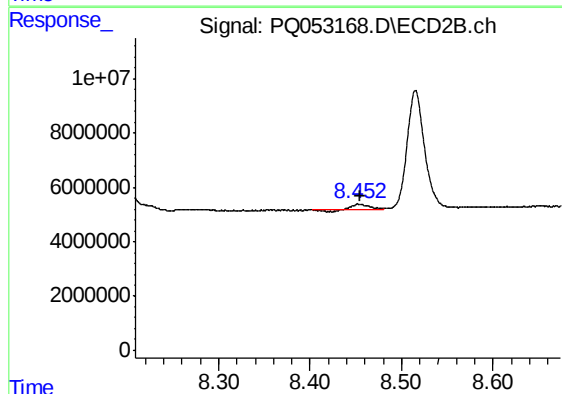
R.T.: 8.166 min
Delta R.T.: -0.001 min
Response: 67654955
Conc: 26.62 ng/ml



#38 AR-1262-3

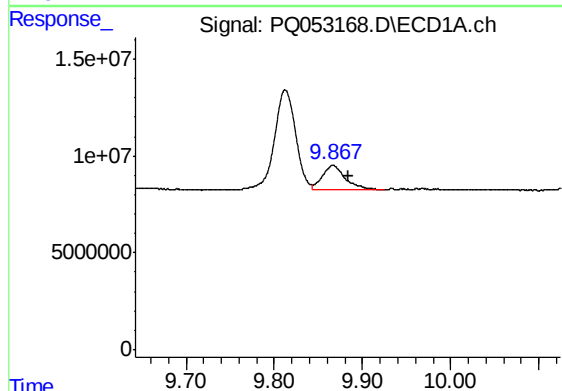
R.T.: 9.812 min
Delta R.T.: 0.029 min
Response: 85574095
Conc: 34.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12543007



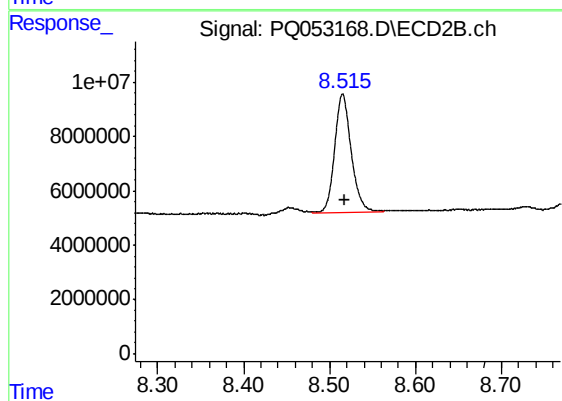
#38 AR-1262-3

R.T.: 8.453 min
Delta R.T.: 0.000 min
Response: 1946515
Conc: 1.92 ng/ml



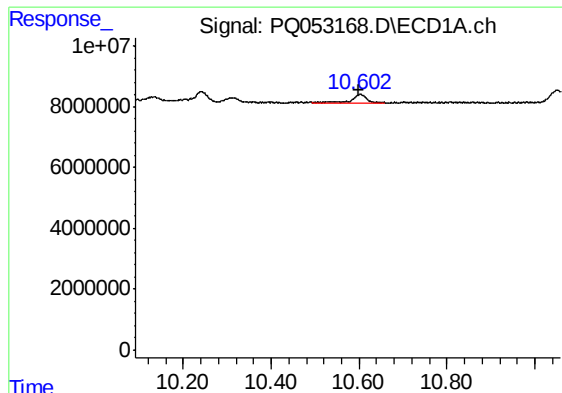
#39 AR-1262-4

R.T.: 9.867 min
Delta R.T.: -0.017 min
Response: 22620182
Conc: 11.32 ng/ml



#39 AR-1262-4

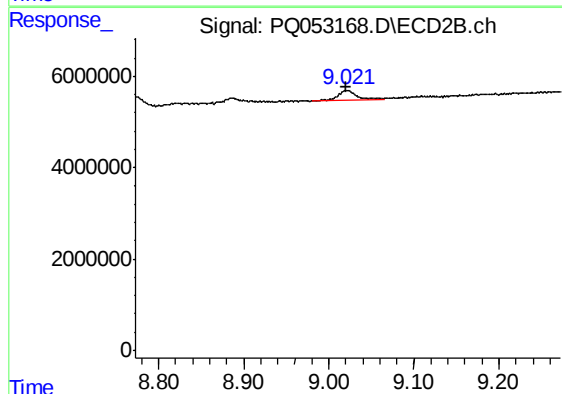
R.T.: 8.515 min
Delta R.T.: -0.002 min
Response: 57540033
Conc: 33.40 ng/ml



#40 AR-1262-5

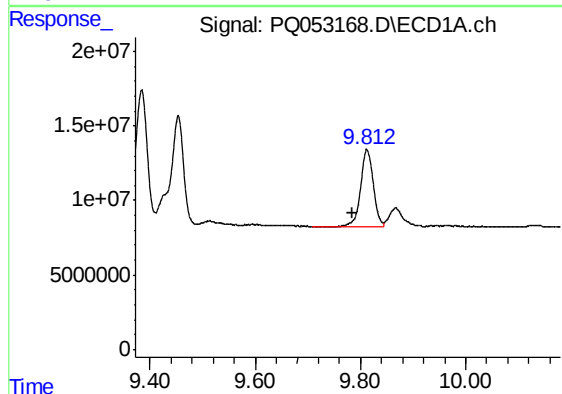
R.T.: 10.603 min
Delta R.T.: 0.003 min
Response: 6846715
Conc: 4.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12543007



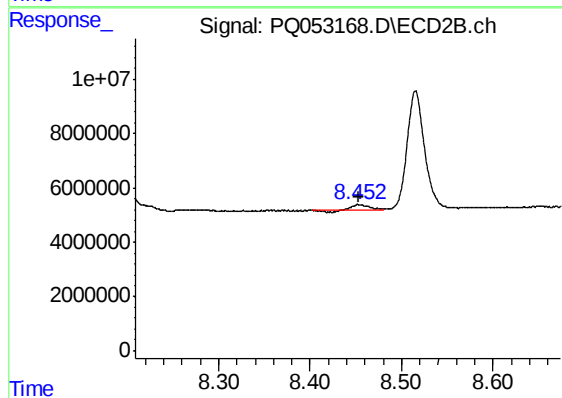
#40 AR-1262-5

R.T.: 9.021 min
Delta R.T.: 0.000 min
Response: 3089125
Conc: 3.97 ng/ml



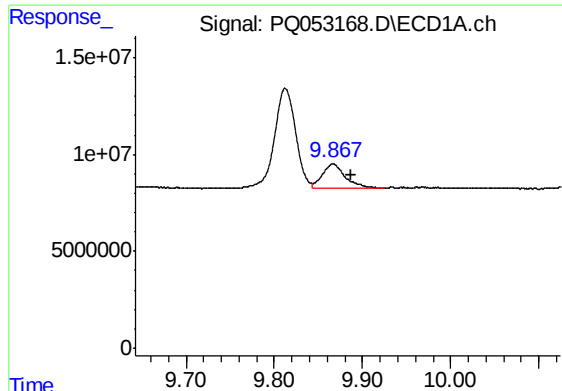
#41 AR-1268-1

R.T.: 9.812 min
Delta R.T.: 0.029 min
Response: 85574095
Conc: 19.23 ng/ml



#41 AR-1268-1

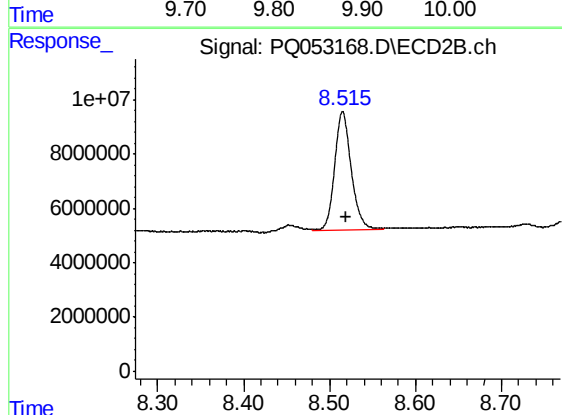
R.T.: 8.453 min
Delta R.T.: 0.000 min
Response: 1946515
Conc: 0.66 ng/ml



#42 AR-1268-2

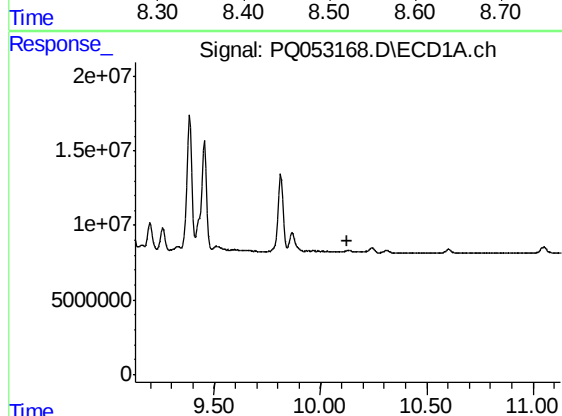
R.T.: 9.867 min
Delta R.T.: -0.020 min
Response: 22620182
Conc: 5.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12543007



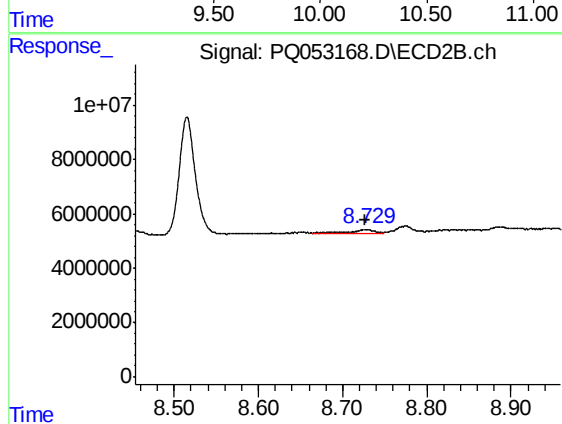
#42 AR-1268-2

R.T.: 8.515 min
Delta R.T.: -0.004 min
Response: 57540033
Conc: 23.11 ng/ml



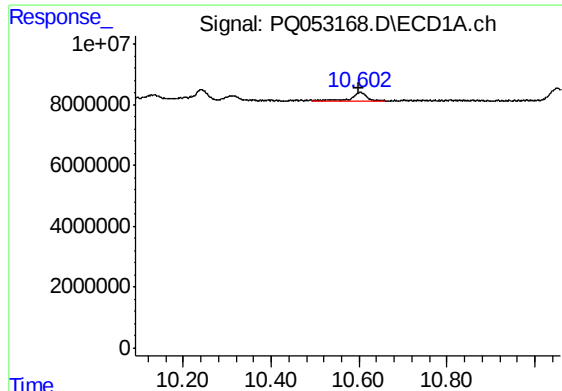
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 10.129 min
Response: 0
Conc: N.D.



#43 AR-1268-3

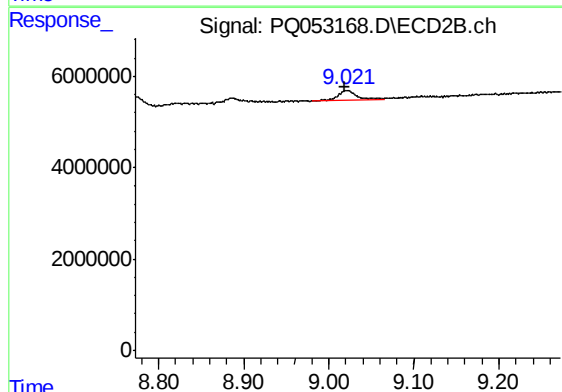
R.T.: 8.729 min
Delta R.T.: 0.002 min
Response: 2455568
Conc: 1.13 ng/ml



#44 AR-1268-4

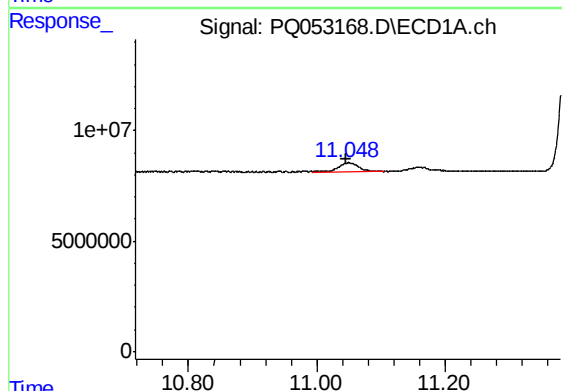
R.T.: 10.603 min
Delta R.T.: 0.004 min
Response: 6846715
Conc: 4.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR12543007



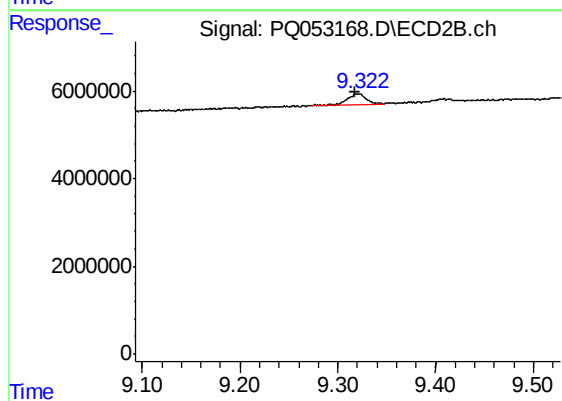
#44 AR-1268-4

R.T.: 9.021 min
Delta R.T.: 0.002 min
Response: 3089125
Conc: 3.62 ng/ml



#45 AR-1268-5

R.T.: 11.049 min
Delta R.T.: 0.002 min
Response: 9060798
Conc: 0.70 ng/ml



#45 AR-1268-5

R.T.: 9.321 min
Delta R.T.: 0.003 min
Response: 3065651
Conc: 0.49 ng/ml