

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ020222\
 Data File : PQ056114.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Feb 2022 03:26
 Operator : AJ\MA
 Sample : N1359-01
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 03 05:25:34 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ011922.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jan 20 13:18:56 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	5.234	4.296	255.1E6	247.8E6	18.832	22.036
2)	SA Decachlor...	11.401	9.645	212.1E6	102.2E6	14.528	12.818
Target Compounds							
3)	L1 AR-1016-1	6.560	0.000	42961749	0	122.854	N.D. #
4)	L1 AR-1016-2	6.560f	0.000	42961749	0	63.192	N.D. #
5)	L1 AR-1016-3	6.678f	0.000	308.7E6	0	678.867	N.D. #
6)	L1 AR-1016-4	6.763	5.815	161.3E6	89134345	435.607	353.231
7)	L1 AR-1016-5	7.061	0.000	28483160	0	97.276	N.D. #
8)	L2 AR-1221-1	5.473f	4.589f	1581436	4726189	11.081	41.734 #
9)	L2 AR-1221-2	5.604f	4.654	13182104	7542343	120.171	86.175 #
10)	L2 AR-1221-3	5.683	4.748	15756722	3859118	48.556	13.677 #
11)	L3 AR-1232-1	5.683	4.748	15756722	3859118	58.747	16.789 #
12)	L3 AR-1232-2	6.295f	0.000	110.6E6	0	746.013	N.D. #
13)	L3 AR-1232-3	6.560f	0.000	42961749	0	154.612	N.D. #
14)	L3 AR-1232-4	6.763	5.875	161.3E6	45740299	1090.784	440.642 #
16)	L4 AR-1242-1	6.560	0.000	42961749	0	159.226	N.D. #
18)	L4 AR-1242-3	6.678f	0.000	308.7E6	0	853.486	N.D. #
19)	L4 AR-1242-4	6.763	5.875	161.3E6	45740299	552.940	205.048 #
20)	L4 AR-1242-5	7.548	6.429	11735717	69916195	44.268	258.919 #
21)	L5 AR-1248-1	6.560	0.000	42961749	0	205.169	N.D. #
22)	L5 AR-1248-2	0.000	5.815	0	89134345	N.D.	279.414 #
23)	L5 AR-1248-3	7.061	5.875	28483160	45740299	75.285	139.721 #
25)	L5 AR-1248-5	7.548	6.474	11735717	14606510	25.487	39.729 #
26)	L6 AR-1254-1	7.463	6.429	36229640	69916195	88.925	112.784 #
27)	L6 AR-1254-2	7.692	6.587	44876541	55020785	69.264	101.603 #
28)	L6 AR-1254-3	8.077	7.011	40267096	87489927	51.491	101.432 #
29)	L6 AR-1254-4	8.373	7.251	34754955	41654983	61.347	66.658
30)	L6 AR-1254-5	8.801	7.678	68781000	69372828	108.969	91.482
31)	L7 AR-1260-1	8.241	7.145	25142953	54974389	52.312	100.396 #
32)	L7 AR-1260-2	8.506	7.341	37078158	51445438	62.943	77.503
33)	L7 AR-1260-3	8.866f	7.496	9592865	37984659	19.184	61.710 #
34)	L7 AR-1260-4	9.109f	7.980	26585881	4101421	45.641	8.119 #
35)	L7 AR-1260-5	9.459	8.255f	19254772	3630324	14.650	3.056 #
36)	L8 AR-1262-1	8.866f	7.678	9592865	69372828	13.392	190.881 #
37)	L8 AR-1262-2	9.459	8.255f	19254772	3630324	12.867	2.744 #
38)	L8 AR-1262-3	9.817	8.507f	9453332	1488546	12.287	3.007 #
39)	L8 AR-1262-4	0.000	8.574f	0	8951255	N.D.	9.699 #
40)	L8 AR-1262-5	10.643f	9.080f	9795042	697764	14.320	1.751 #
41)	L9 AR-1268-1	9.817	8.507f	9453332	1488546	5.001	1.016 #
42)	L9 AR-1268-2	0.000	8.574f	0	8951255	N.D.	6.755 #
43)	L9 AR-1268-3	10.147	8.820f	174915	186792	0.102	0.169 #
44)	L9 AR-1268-4	10.643f	9.080	9795042	697764	13.139	1.588 #

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 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
45) L9	AR-1268-5	11.044f	9.379f	1864194	773055	0.339	0.234 #

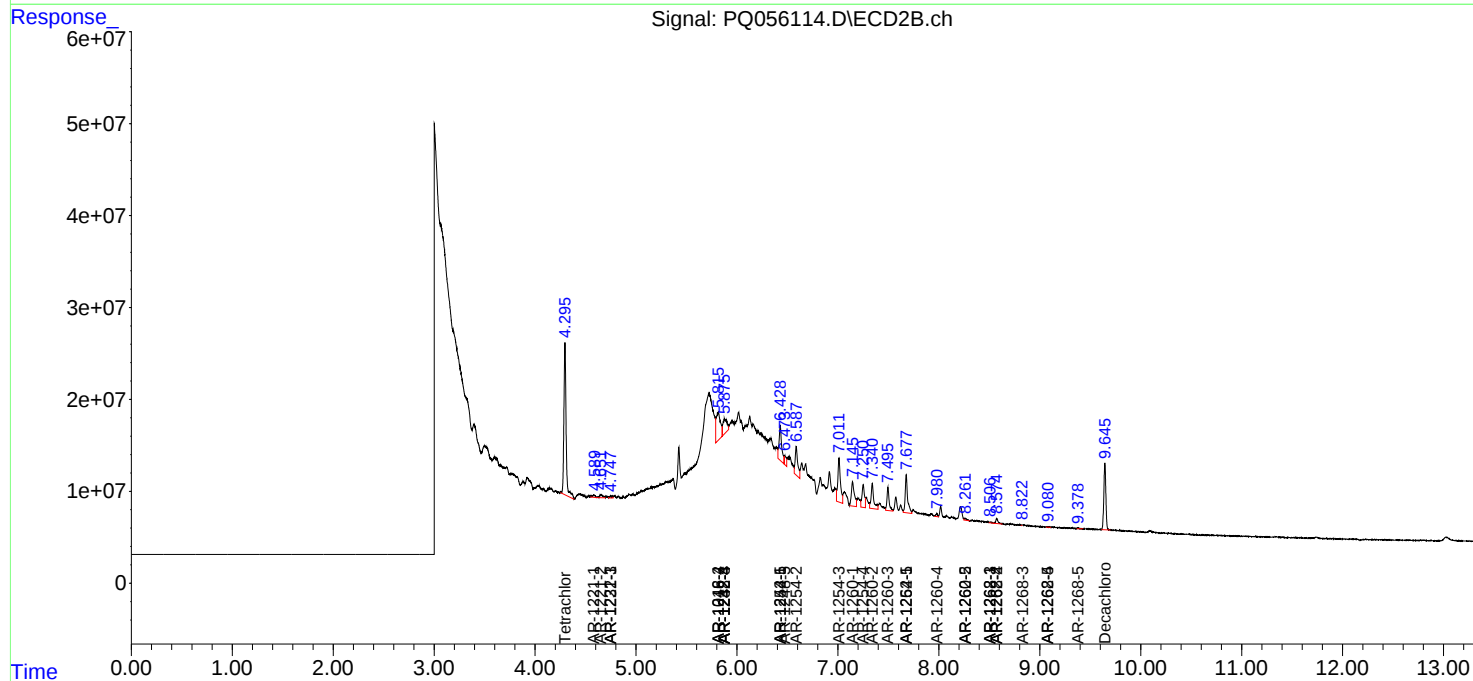
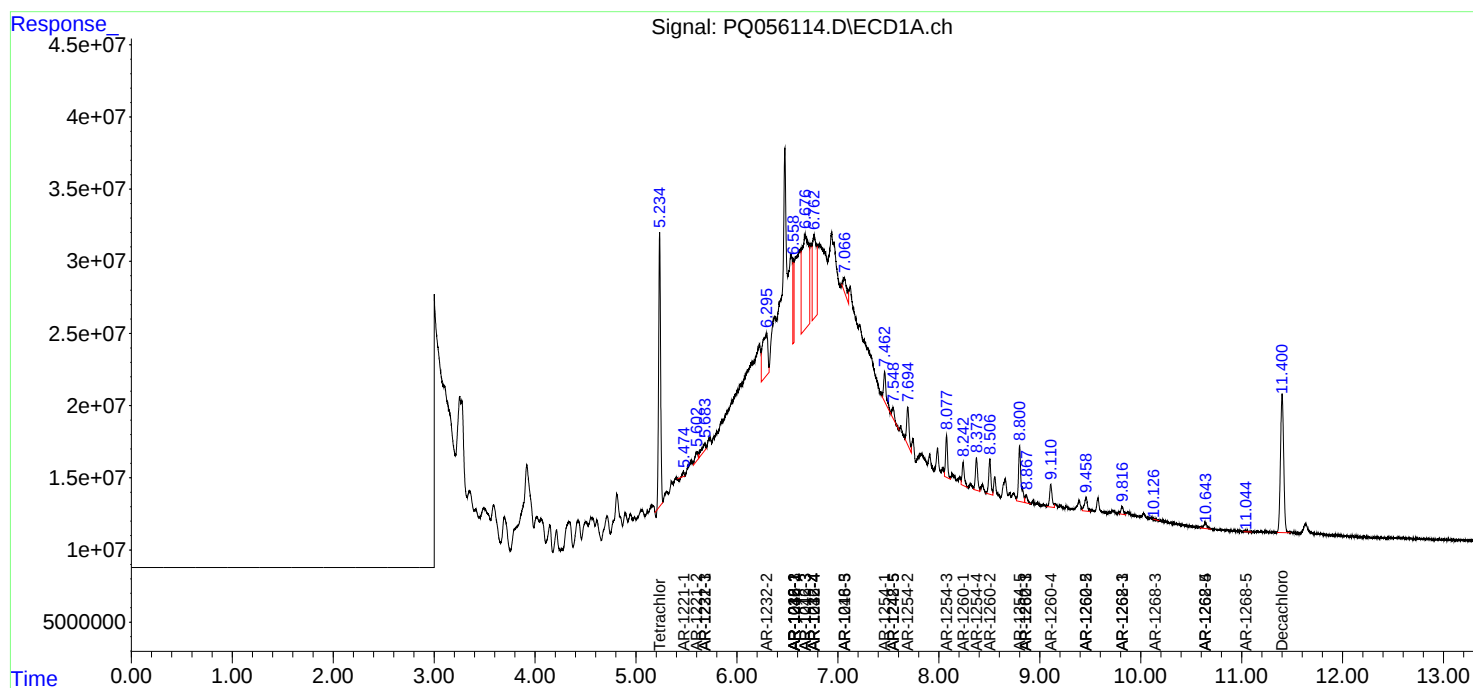
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

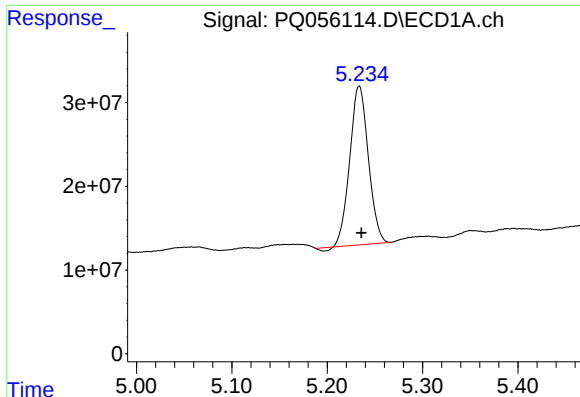
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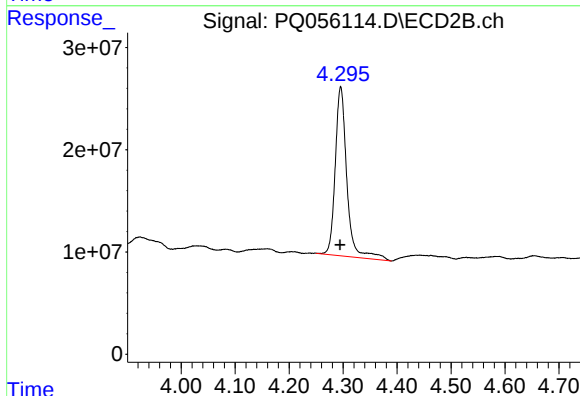




#1 Tetrachloro-m-xylene

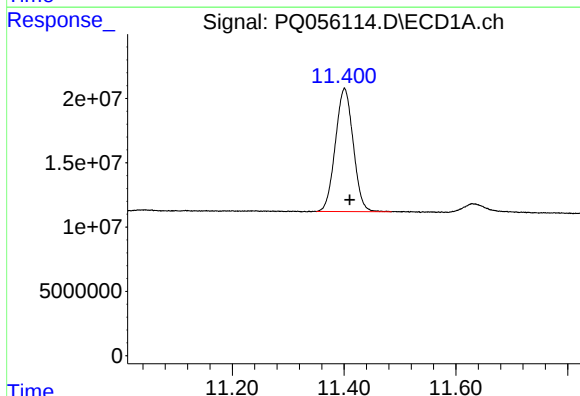
R.T.: 5.234 min
Delta R.T.: -0.002 min
Response: 255062581
Conc: 18.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



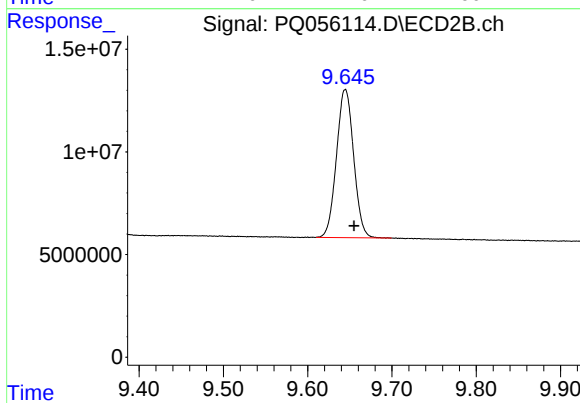
#1 Tetrachloro-m-xylene

R.T.: 4.296 min
Delta R.T.: 0.001 min
Response: 247767769
Conc: 22.04 ng/ml



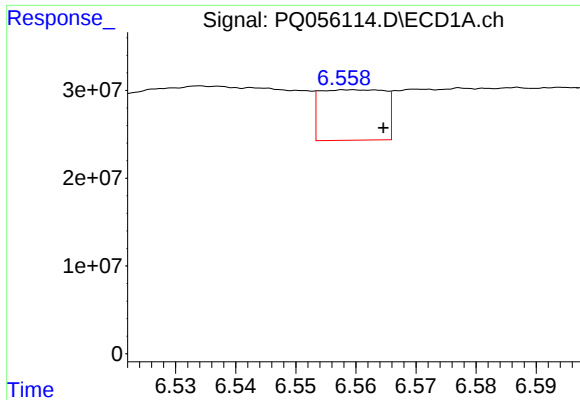
#2 Decachlorobiphenyl

R.T.: 11.401 min
Delta R.T.: -0.009 min
Response: 212096347
Conc: 14.53 ng/ml



#2 Decachlorobiphenyl

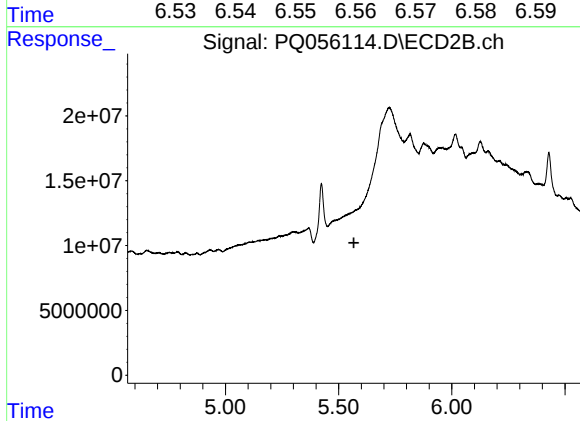
R.T.: 9.645 min
Delta R.T.: -0.010 min
Response: 102225288
Conc: 12.82 ng/ml



#3 AR-1016-1

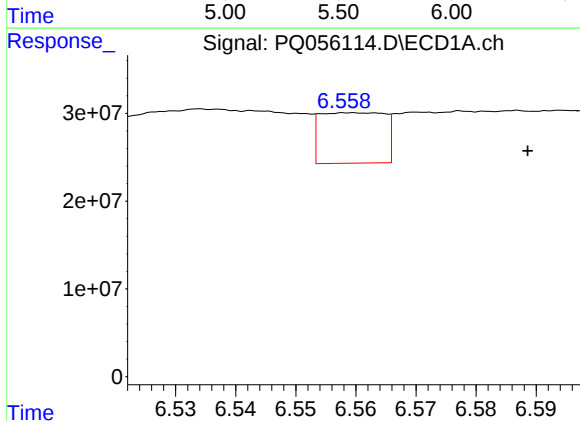
R.T.: 6.560 min
Delta R.T.: -0.005 min
Response: 42961749
Conc: 122.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



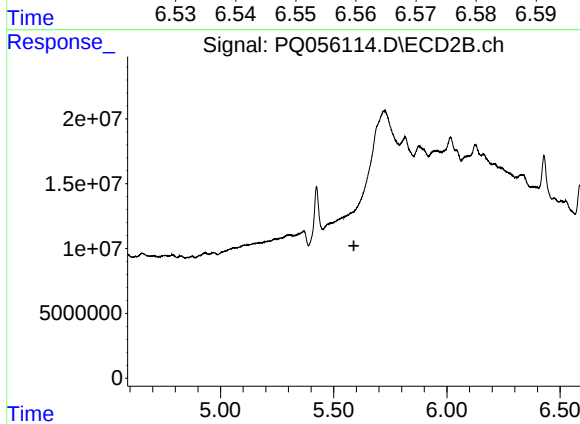
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 5.567 min
Response: 0
Conc: N.D.



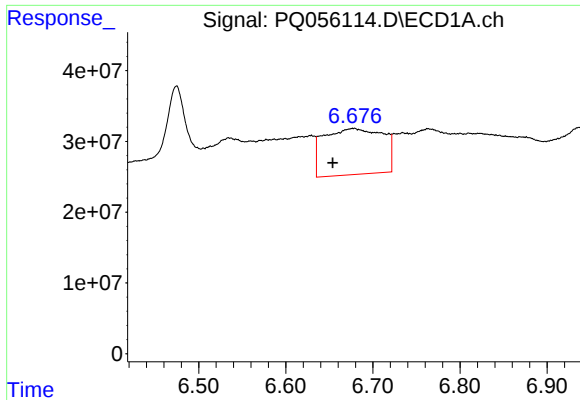
#4 AR-1016-2

R.T.: 6.560 min
Delta R.T.: -0.029 min
Response: 42961749
Conc: 63.19 ng/ml



#4 AR-1016-2

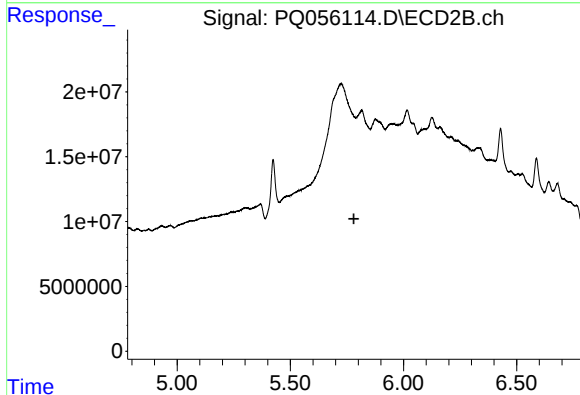
R.T.: 0.000 min
Exp R.T. : 5.589 min
Response: 0
Conc: N.D.



#5 AR-1016-3

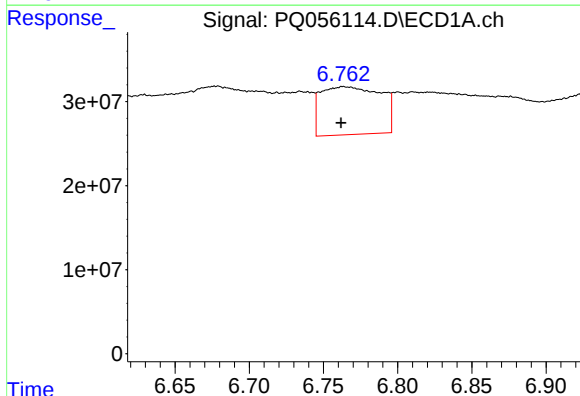
R.T.: 6.678 min
Delta R.T.: 0.024 min
Response: 308656300
Conc: 678.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



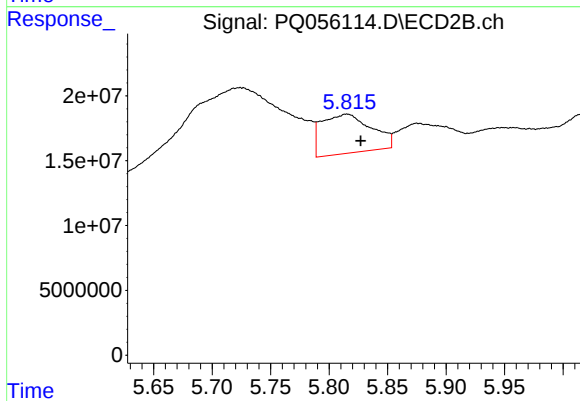
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.781 min
Response: 0
Conc: N.D.



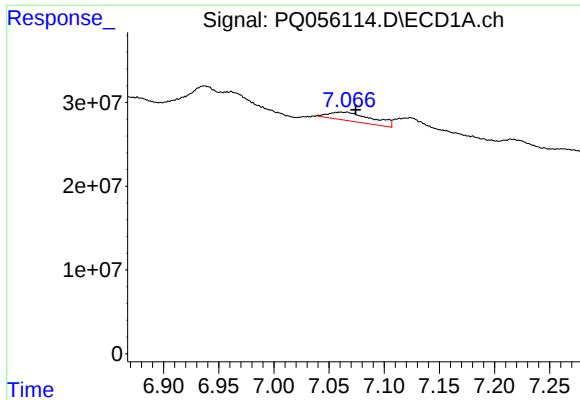
#6 AR-1016-4

R.T.: 6.763 min
Delta R.T.: 0.002 min
Response: 161315556
Conc: 435.61 ng/ml



#6 AR-1016-4

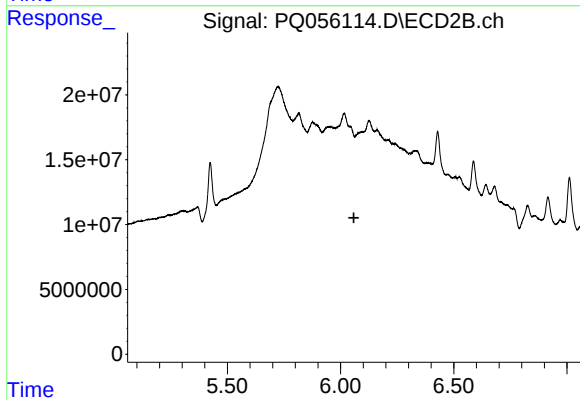
R.T.: 5.815 min
Delta R.T.: -0.012 min
Response: 89134345
Conc: 353.23 ng/ml



#7 AR-1016-5

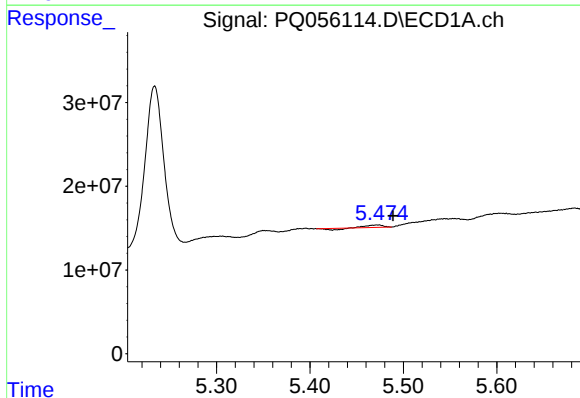
R.T.: 7.061 min
Delta R.T.: -0.014 min
Response: 28483160
Conc: 97.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



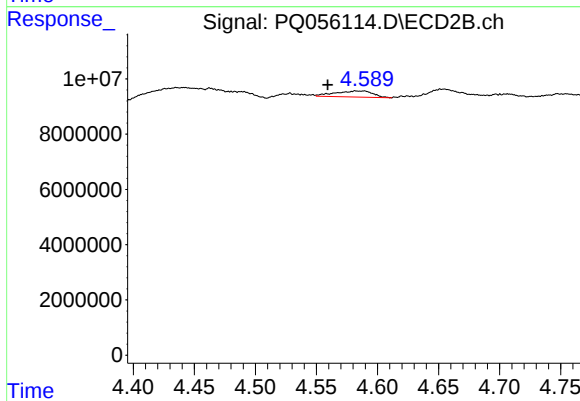
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 6.059 min
Response: 0
Conc: N.D.



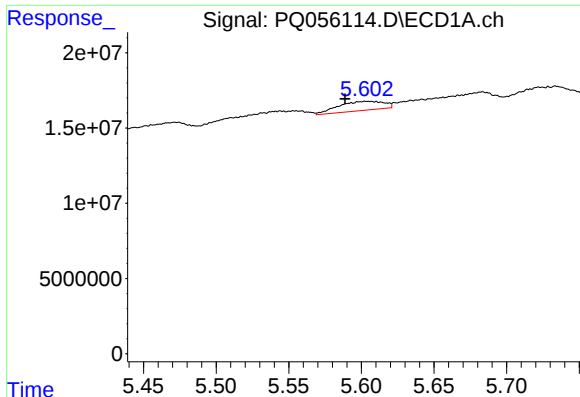
#8 AR-1221-1

R.T.: 5.473 min
Delta R.T.: -0.017 min
Response: 1581436
Conc: 11.08 ng/ml



#8 AR-1221-1

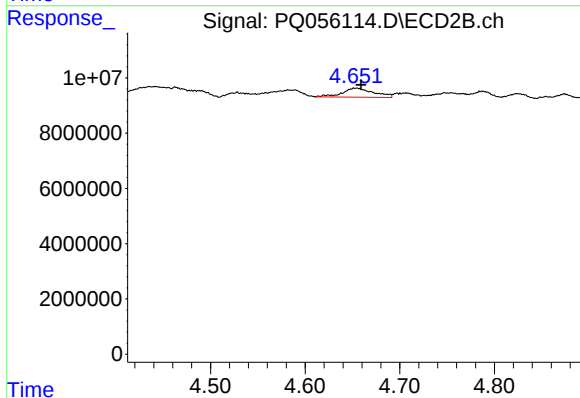
R.T.: 4.589 min
Delta R.T.: 0.030 min
Response: 4726189
Conc: 41.73 ng/ml



#9 AR-1221-2

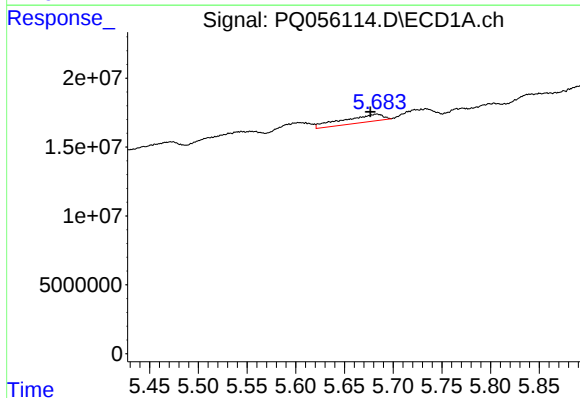
R.T.: 5.604 min
Delta R.T.: 0.015 min
Response: 13182104
Conc: 120.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



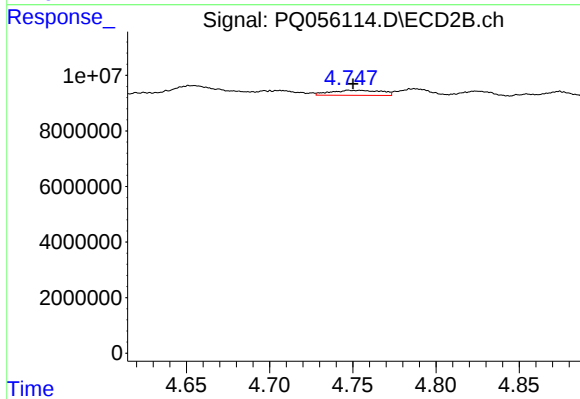
#9 AR-1221-2

R.T.: 4.654 min
Delta R.T.: -0.005 min
Response: 7542343
Conc: 86.17 ng/ml



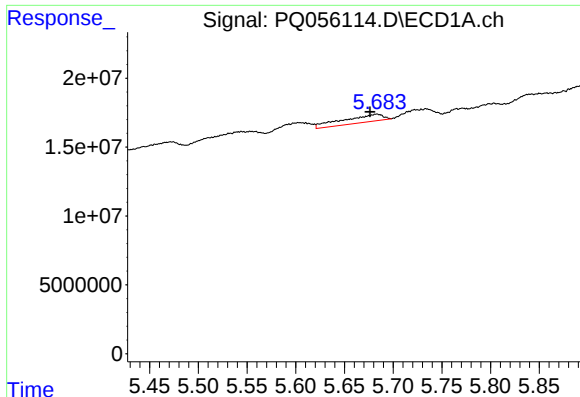
#10 AR-1221-3

R.T.: 5.683 min
Delta R.T.: 0.007 min
Response: 15756722
Conc: 48.56 ng/ml



#10 AR-1221-3

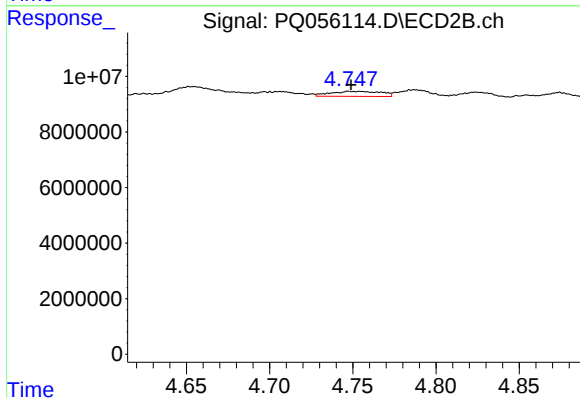
R.T.: 4.748 min
Delta R.T.: -0.002 min
Response: 3859118
Conc: 13.68 ng/ml



#11 AR-1232-1

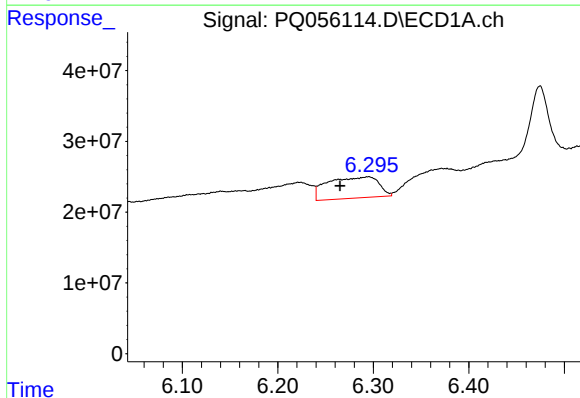
R.T.: 5.683 min
Delta R.T.: 0.007 min
Response: 15756722
Conc: 58.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



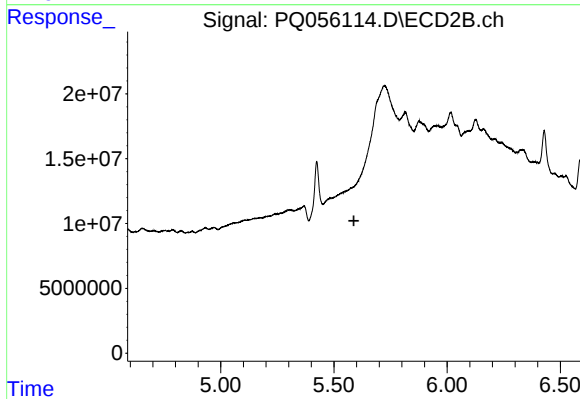
#11 AR-1232-1

R.T.: 4.748 min
Delta R.T.: -0.001 min
Response: 3859118
Conc: 16.79 ng/ml



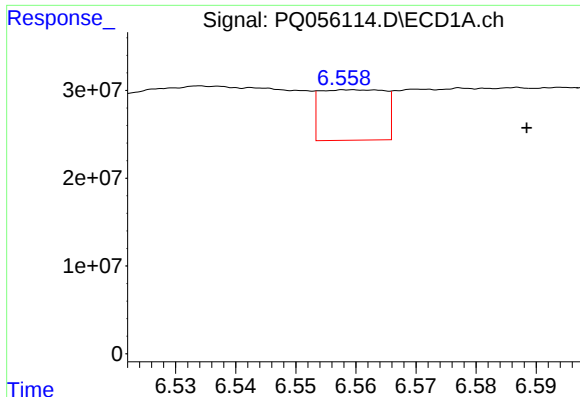
#12 AR-1232-2

R.T.: 6.295 min
Delta R.T.: 0.030 min
Response: 110602383
Conc: 746.01 ng/ml



#12 AR-1232-2

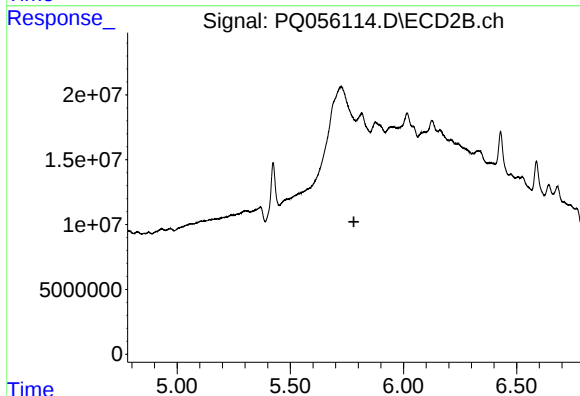
R.T.: 0.000 min
Exp R.T.: 5.588 min
Response: 0
Conc: N.D.



#13 AR-1232-3

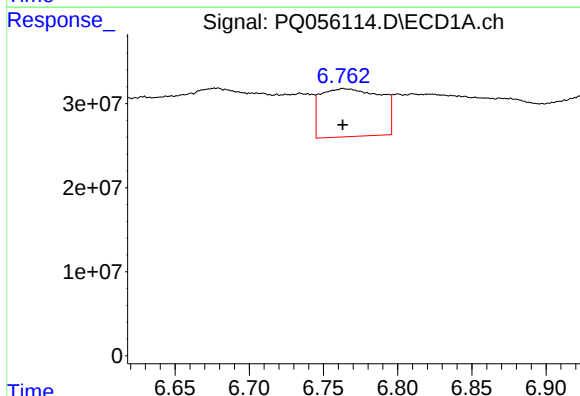
R.T.: 6.560 min
Delta R.T.: -0.029 min
Response: 42961749
Conc: 154.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



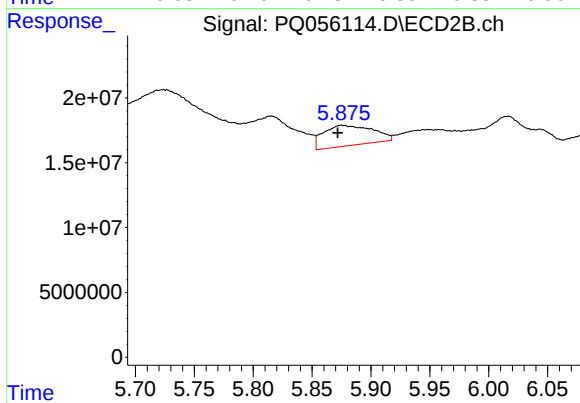
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 5.781 min
Response: 0
Conc: N.D.



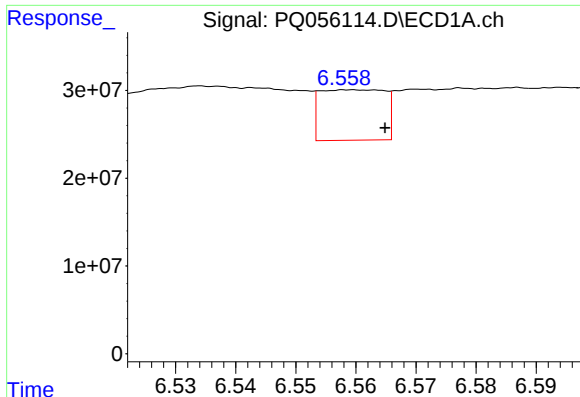
#14 AR-1232-4

R.T.: 6.763 min
Delta R.T.: 0.000 min
Response: 161315556
Conc: 1090.78 ng/ml



#14 AR-1232-4

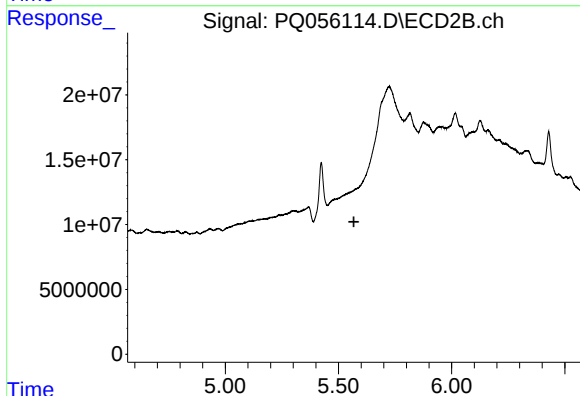
R.T.: 5.875 min
Delta R.T.: 0.003 min
Response: 45740299
Conc: 440.64 ng/ml



#16 AR-1242-1

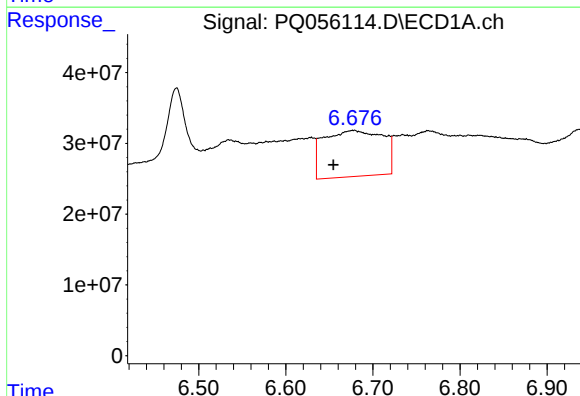
R.T.: 6.560 min
Delta R.T.: -0.005 min
Response: 42961749
Conc: 159.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



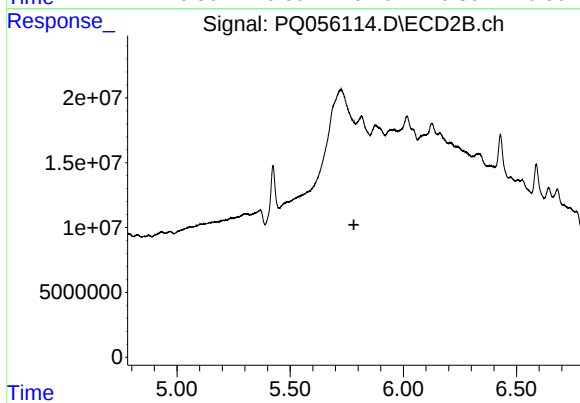
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.568 min
Response: 0
Conc: N.D.



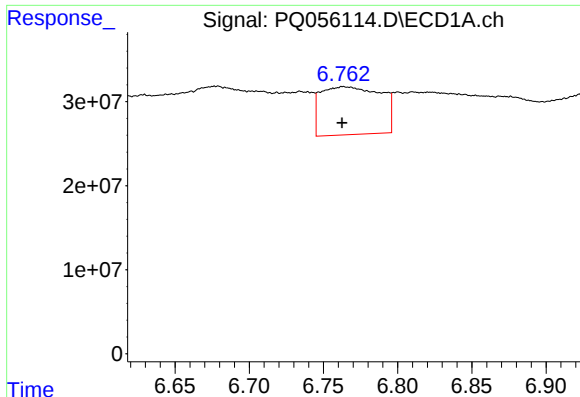
#18 AR-1242-3

R.T.: 6.678 min
Delta R.T.: 0.023 min
Response: 308656300
Conc: 853.49 ng/ml



#18 AR-1242-3

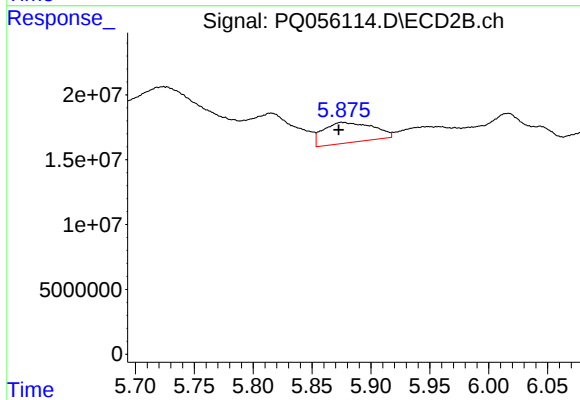
R.T.: 0.000 min
Exp R.T. : 5.782 min
Response: 0
Conc: N.D.



#19 AR-1242-4

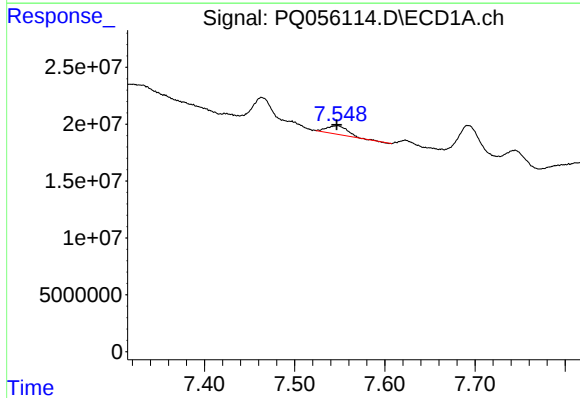
R.T.: 6.763 min
Delta R.T.: 0.000 min
Response: 161315556
Conc: 552.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



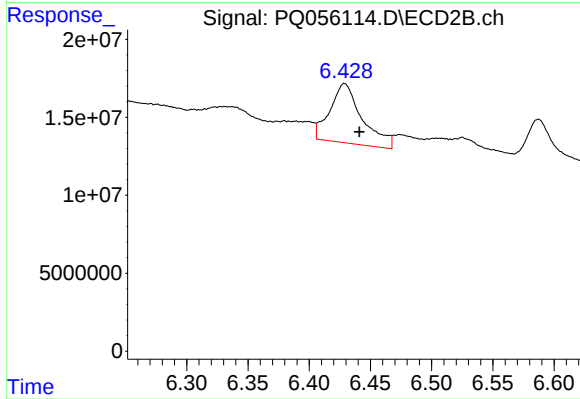
#19 AR-1242-4

R.T.: 5.875 min
Delta R.T.: 0.003 min
Response: 45740299
Conc: 205.05 ng/ml



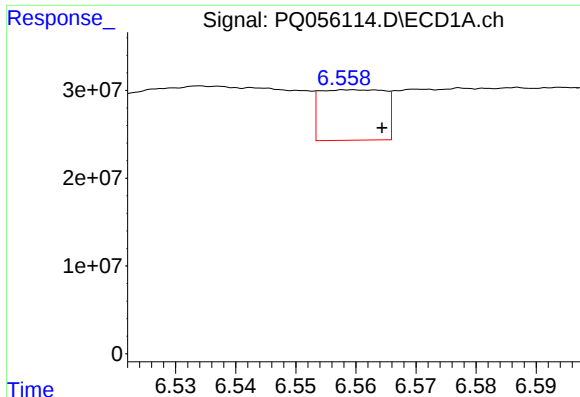
#20 AR-1242-5

R.T.: 7.548 min
Delta R.T.: 0.001 min
Response: 11735717
Conc: 44.27 ng/ml



#20 AR-1242-5

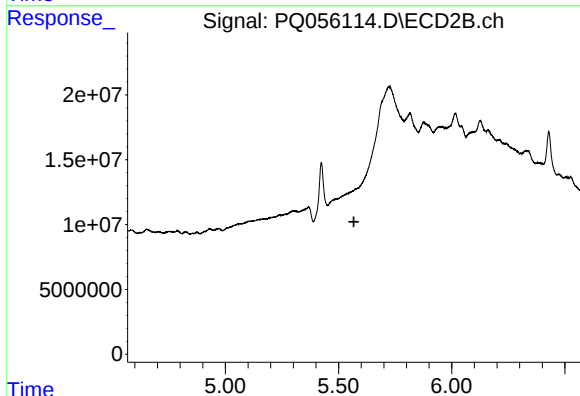
R.T.: 6.429 min
Delta R.T.: -0.012 min
Response: 69916195
Conc: 258.92 ng/ml



#21 AR-1248-1

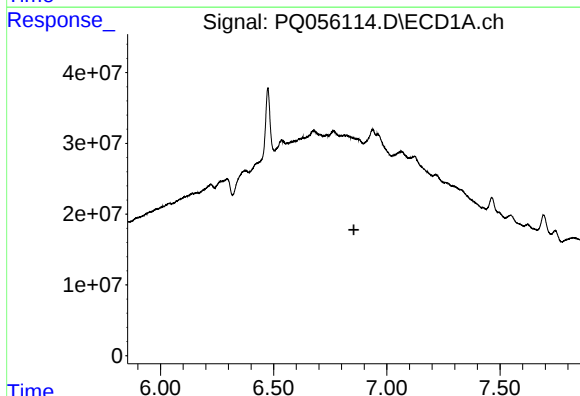
R.T.: 6.560 min
Delta R.T.: -0.005 min
Response: 42961749
Conc: 205.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



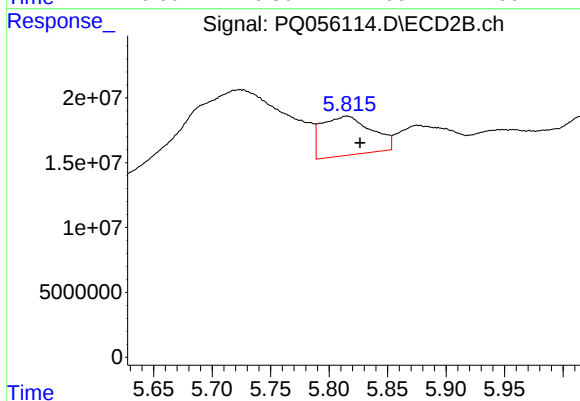
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 5.568 min
Response: 0
Conc: N.D.



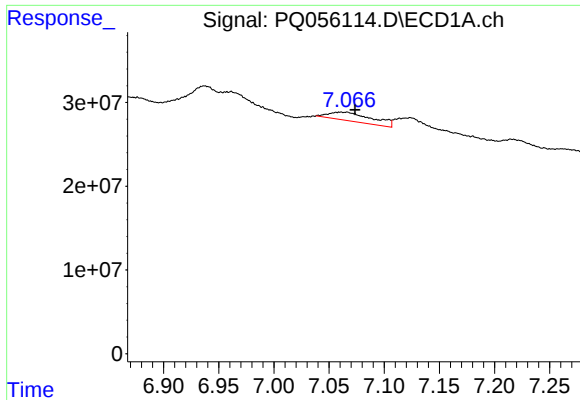
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 6.854 min
Response: 0
Conc: N.D.



#22 AR-1248-2

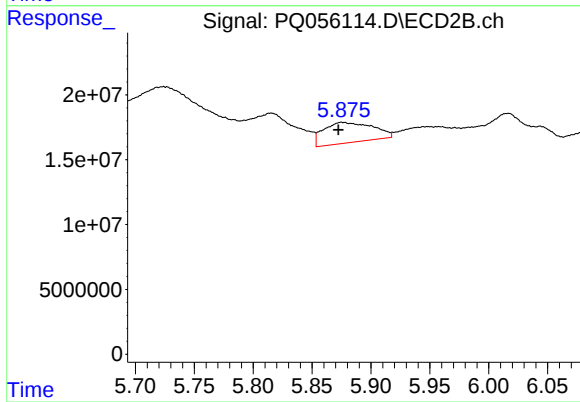
R.T.: 5.815 min
Delta R.T.: -0.011 min
Response: 89134345
Conc: 279.41 ng/ml



#23 AR-1248-3

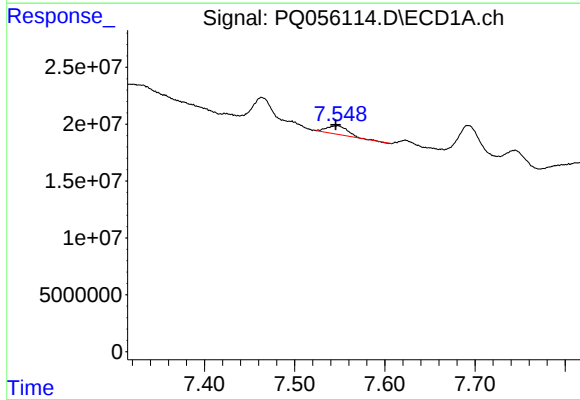
R.T.: 7.061 min
Delta R.T.: -0.013 min
Response: 28483160
Conc: 75.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



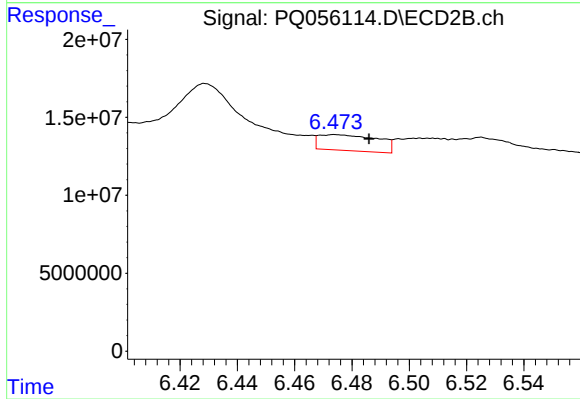
#23 AR-1248-3

R.T.: 5.875 min
Delta R.T.: 0.003 min
Response: 45740299
Conc: 139.72 ng/ml



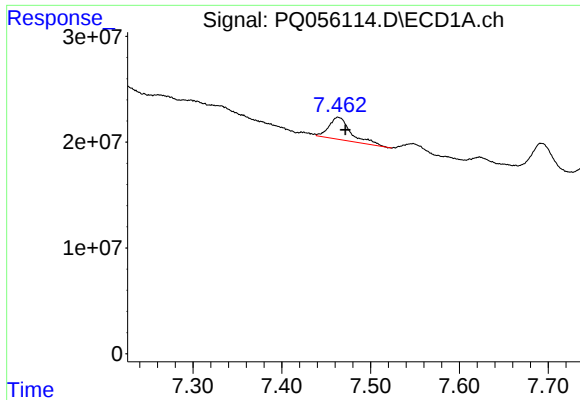
#25 AR-1248-5

R.T.: 7.548 min
Delta R.T.: 0.002 min
Response: 11735717
Conc: 25.49 ng/ml



#25 AR-1248-5

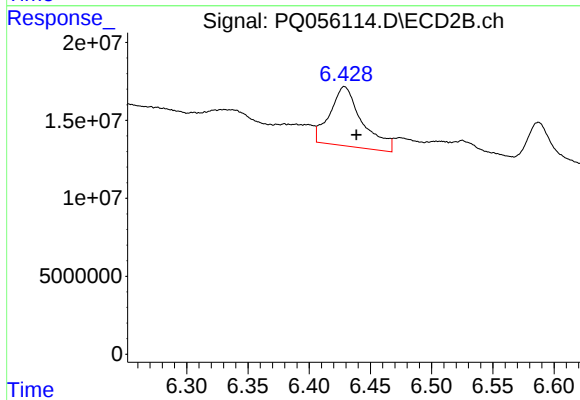
R.T.: 6.474 min
Delta R.T.: -0.012 min
Response: 14606510
Conc: 39.73 ng/ml



#26 AR-1254-1

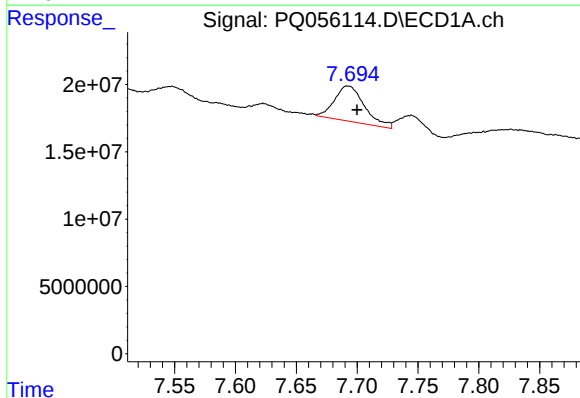
R.T.: 7.463 min
Delta R.T.: -0.008 min
Response: 36229640
Conc: 88.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



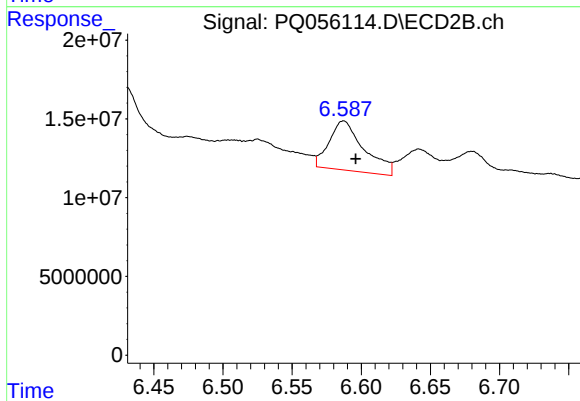
#26 AR-1254-1

R.T.: 6.429 min
Delta R.T.: -0.010 min
Response: 69916195
Conc: 112.78 ng/ml



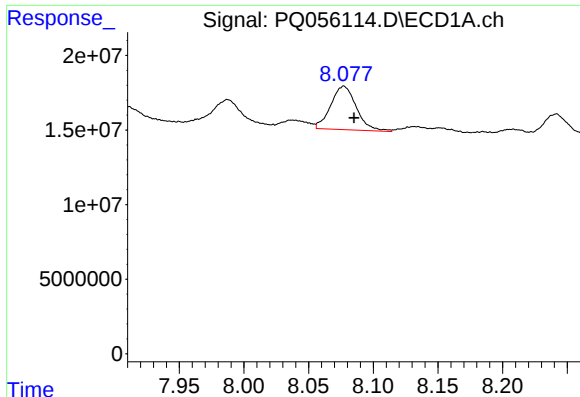
#27 AR-1254-2

R.T.: 7.692 min
Delta R.T.: -0.008 min
Response: 44876541
Conc: 69.26 ng/ml



#27 AR-1254-2

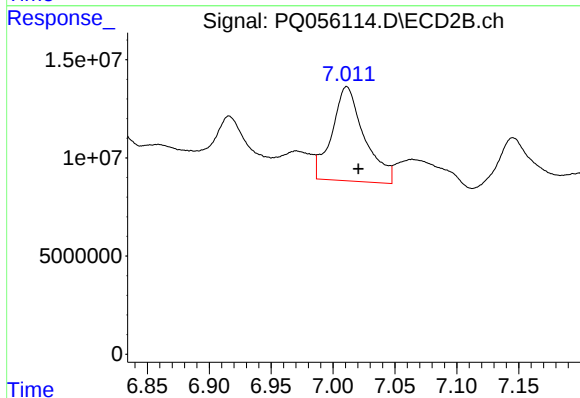
R.T.: 6.587 min
Delta R.T.: -0.009 min
Response: 55020785
Conc: 101.60 ng/ml



#28 AR-1254-3

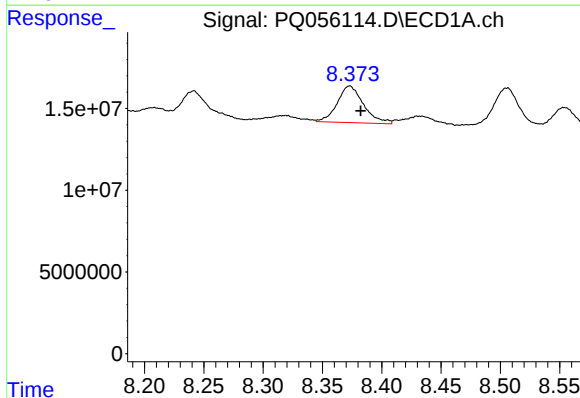
R.T.: 8.077 min
Delta R.T.: -0.008 min
Response: 40267096
Conc: 51.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



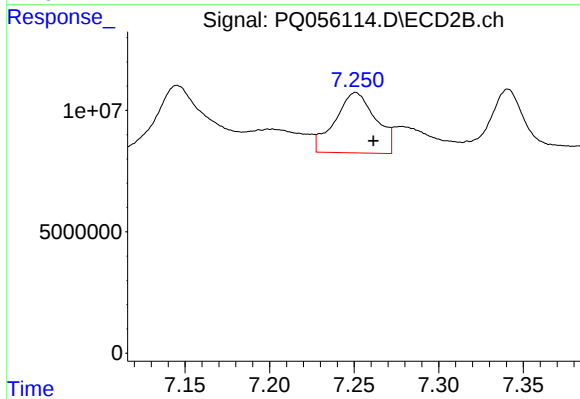
#28 AR-1254-3

R.T.: 7.011 min
Delta R.T.: -0.010 min
Response: 87489927
Conc: 101.43 ng/ml



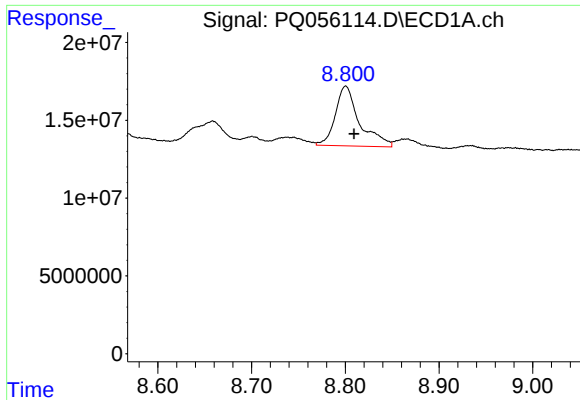
#29 AR-1254-4

R.T.: 8.373 min
Delta R.T.: -0.009 min
Response: 34754955
Conc: 61.35 ng/ml



#29 AR-1254-4

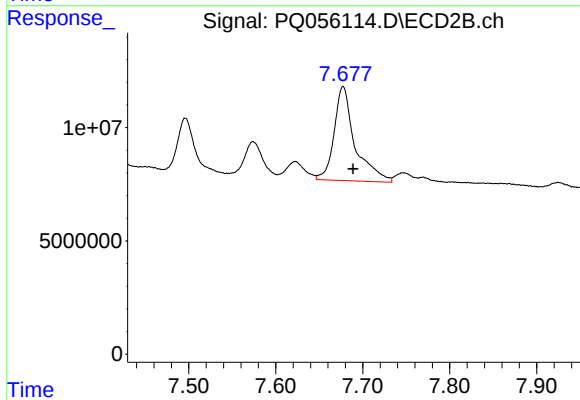
R.T.: 7.251 min
Delta R.T.: -0.010 min
Response: 41654983
Conc: 66.66 ng/ml



#30 AR-1254-5

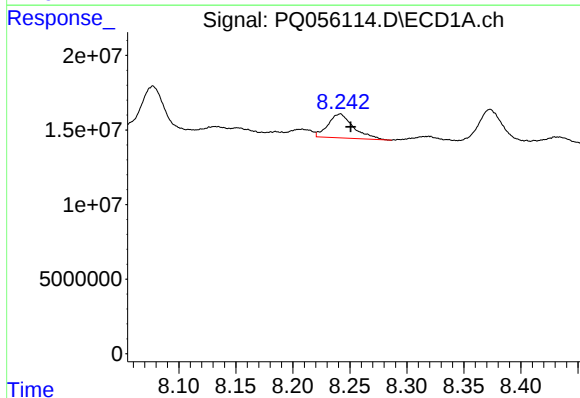
R.T.: 8.801 min
Delta R.T.: -0.009 min
Response: 68781000
Conc: 108.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



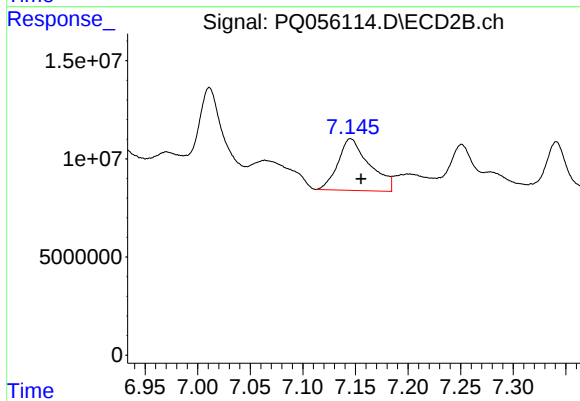
#30 AR-1254-5

R.T.: 7.678 min
Delta R.T.: -0.011 min
Response: 69372828
Conc: 91.48 ng/ml



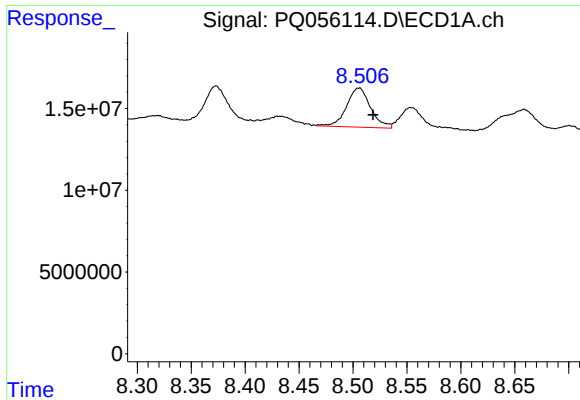
#31 AR-1260-1

R.T.: 8.241 min
Delta R.T.: -0.009 min
Response: 25142953
Conc: 52.31 ng/ml



#31 AR-1260-1

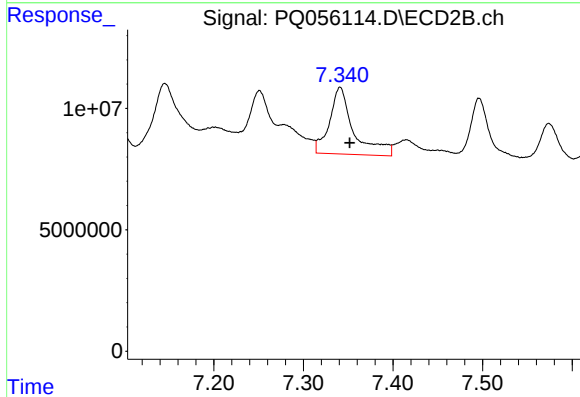
R.T.: 7.145 min
Delta R.T.: -0.010 min
Response: 54974389
Conc: 100.40 ng/ml



#32 AR-1260-2

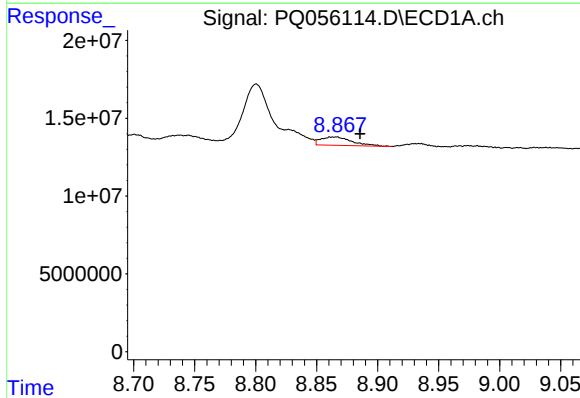
R.T.: 8.506 min
Delta R.T.: -0.013 min
Response: 37078158
Conc: 62.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



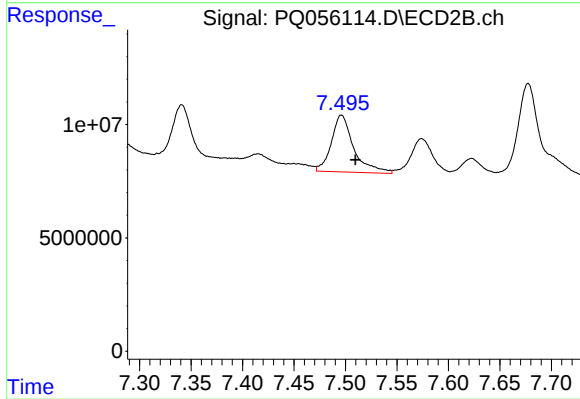
#32 AR-1260-2

R.T.: 7.341 min
Delta R.T.: -0.011 min
Response: 51445438
Conc: 77.50 ng/ml



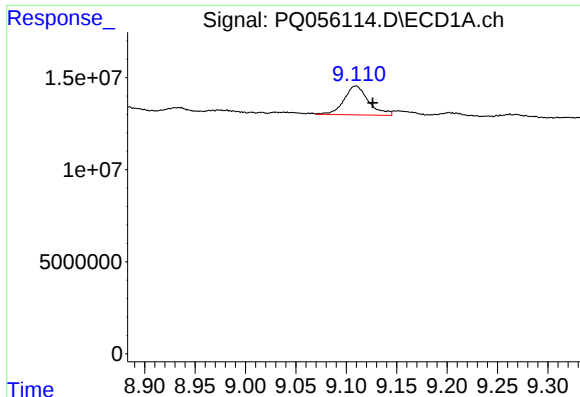
#33 AR-1260-3

R.T.: 8.866 min
Delta R.T.: -0.020 min
Response: 9592865
Conc: 19.18 ng/ml



#33 AR-1260-3

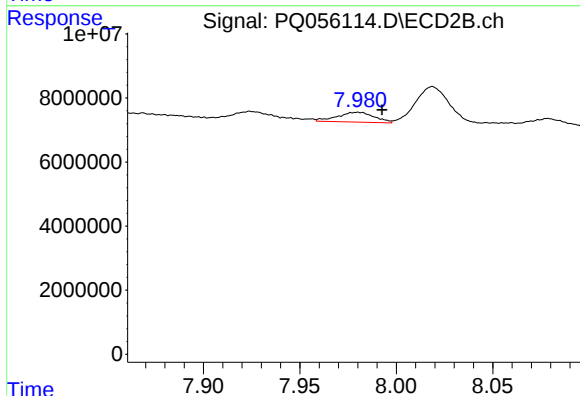
R.T.: 7.496 min
Delta R.T.: -0.014 min
Response: 37984659
Conc: 61.71 ng/ml



#34 AR-1260-4

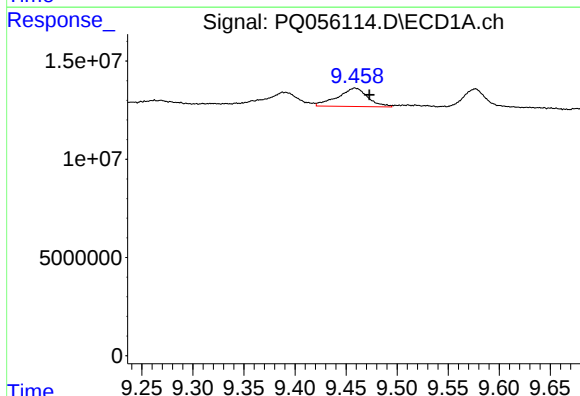
R.T.: 9.109 min
Delta R.T.: -0.017 min
Response: 26585881
Conc: 45.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



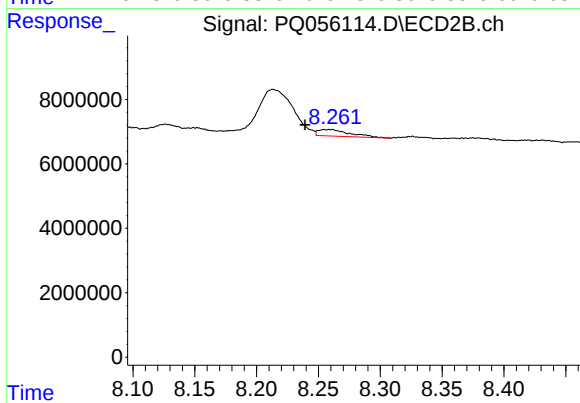
#34 AR-1260-4

R.T.: 7.980 min
Delta R.T.: -0.013 min
Response: 4101421
Conc: 8.12 ng/ml



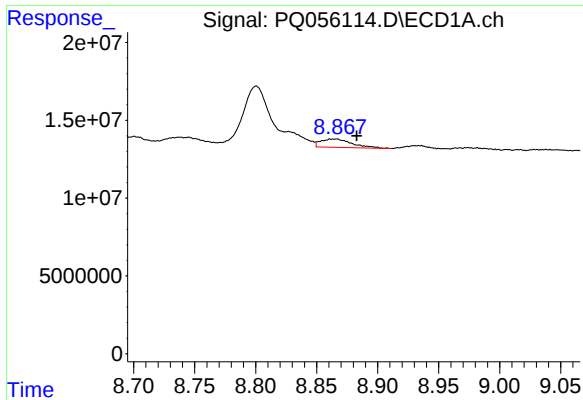
#35 AR-1260-5

R.T.: 9.459 min
Delta R.T.: -0.014 min
Response: 19254772
Conc: 14.65 ng/ml



#35 AR-1260-5

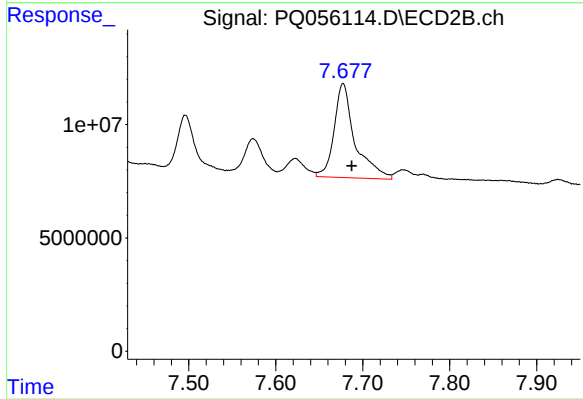
R.T.: 8.255 min
Delta R.T.: 0.016 min
Response: 3630324
Conc: 3.06 ng/ml



#36 AR-1262-1

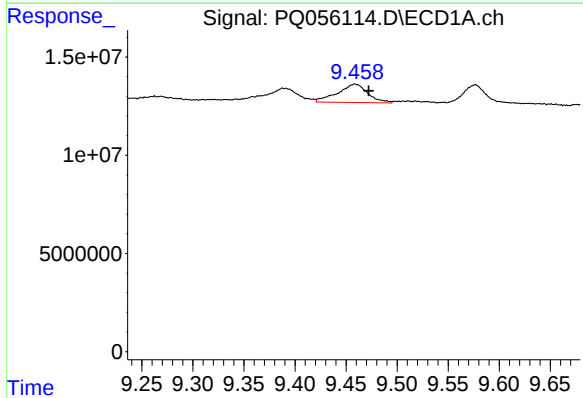
R.T.: 8.866 min
Delta R.T.: -0.017 min
Response: 9592865
Conc: 13.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



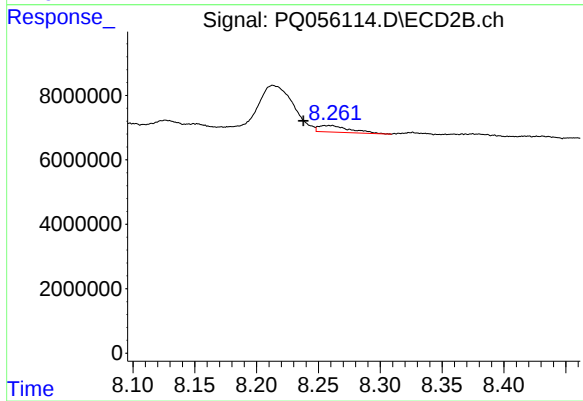
#36 AR-1262-1

R.T.: 7.678 min
Delta R.T.: -0.010 min
Response: 69372828
Conc: 190.88 ng/ml



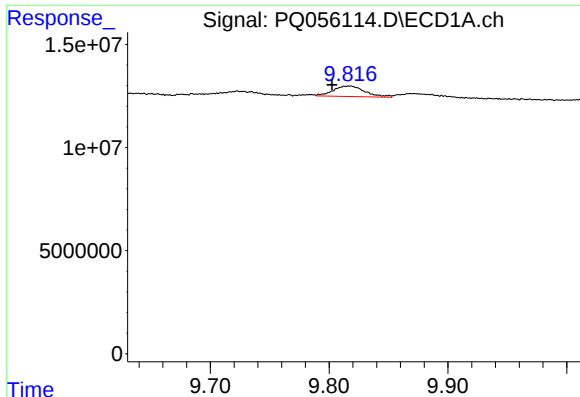
#37 AR-1262-2

R.T.: 9.459 min
Delta R.T.: -0.013 min
Response: 19254772
Conc: 12.87 ng/ml



#37 AR-1262-2

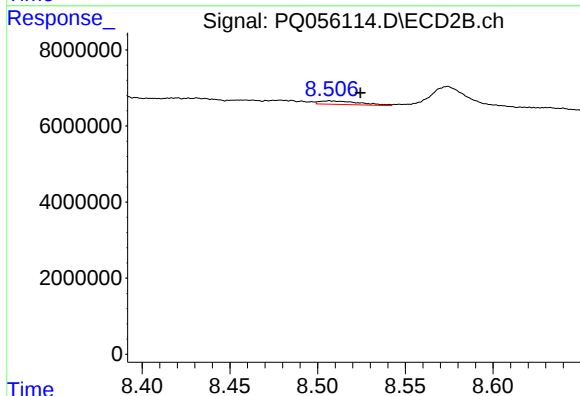
R.T.: 8.255 min
Delta R.T.: 0.018 min
Response: 3630324
Conc: 2.74 ng/ml



#38 AR-1262-3

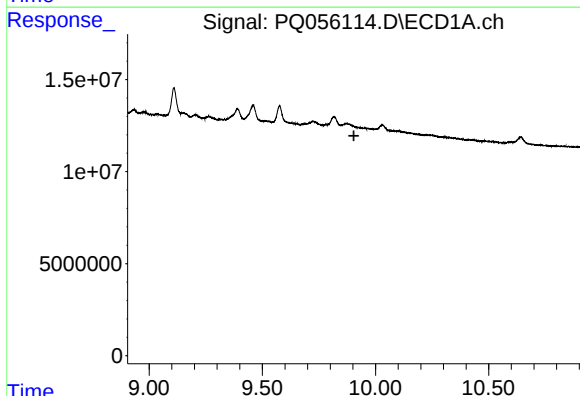
R.T.: 9.817 min
Delta R.T.: 0.015 min
Response: 9453332
Conc: 12.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



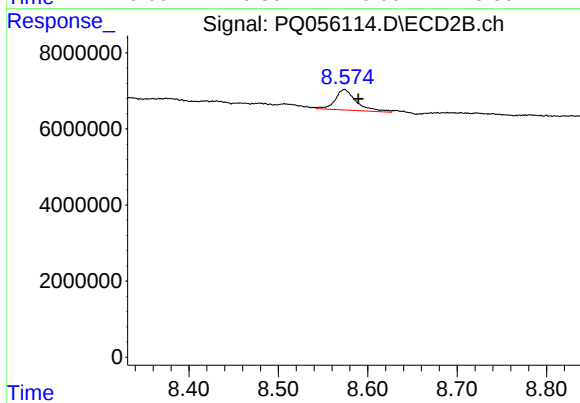
#38 AR-1262-3

R.T.: 8.507 min
Delta R.T.: -0.018 min
Response: 1488546
Conc: 3.01 ng/ml



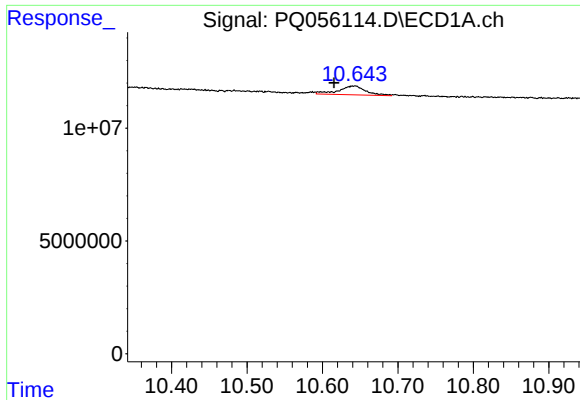
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 9.904 min
Response: 0
Conc: N.D.



#39 AR-1262-4

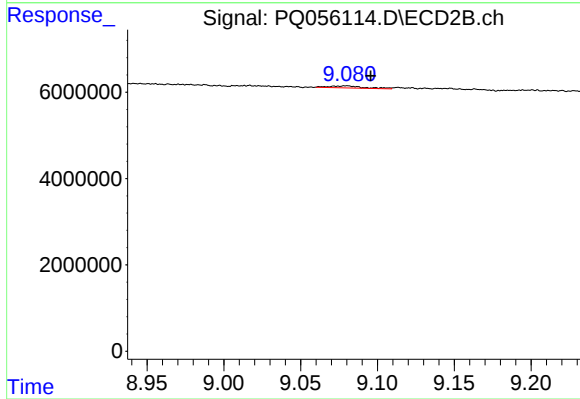
R.T.: 8.574 min
Delta R.T.: -0.016 min
Response: 8951255
Conc: 9.70 ng/ml



#40 AR-1262-5

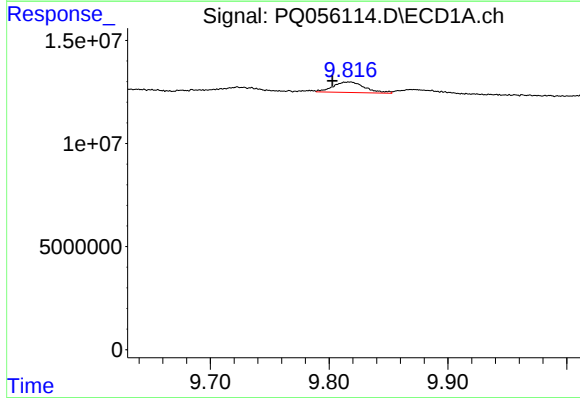
R.T.: 10.643 min
Delta R.T.: 0.028 min
Response: 9795042
Conc: 14.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



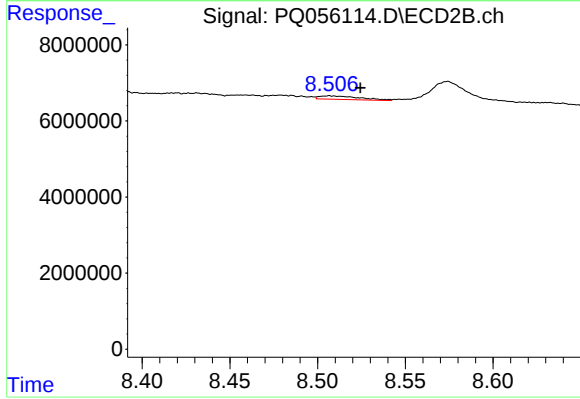
#40 AR-1262-5

R.T.: 9.080 min
Delta R.T.: -0.016 min
Response: 697764
Conc: 1.75 ng/ml



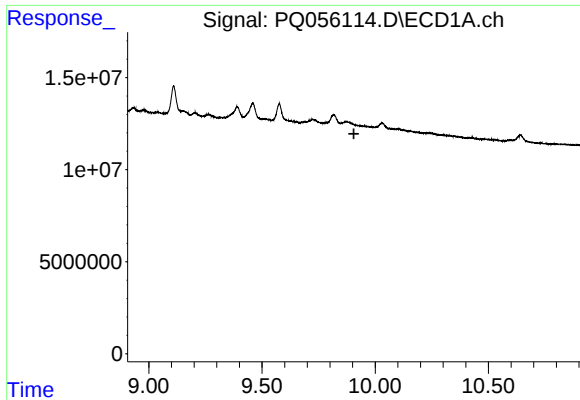
#41 AR-1268-1

R.T.: 9.817 min
Delta R.T.: 0.014 min
Response: 9453332
Conc: 5.00 ng/ml



#41 AR-1268-1

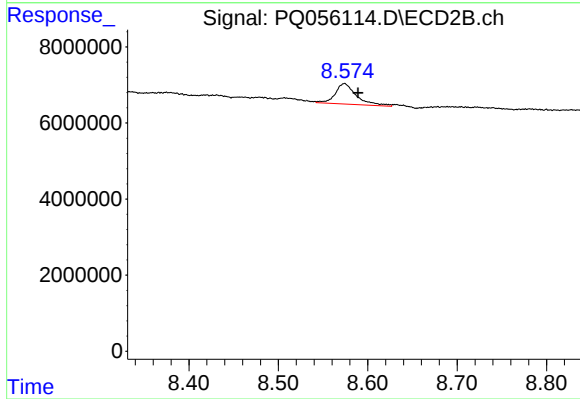
R.T.: 8.507 min
Delta R.T.: -0.017 min
Response: 1488546
Conc: 1.02 ng/ml



#42 AR-1268-2

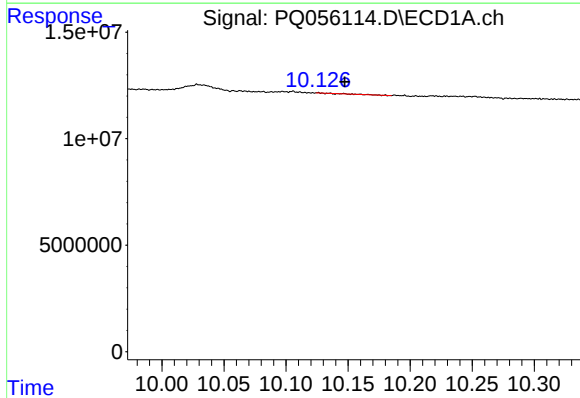
R.T.: 0.000 min
Exp R.T.: 9.906 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



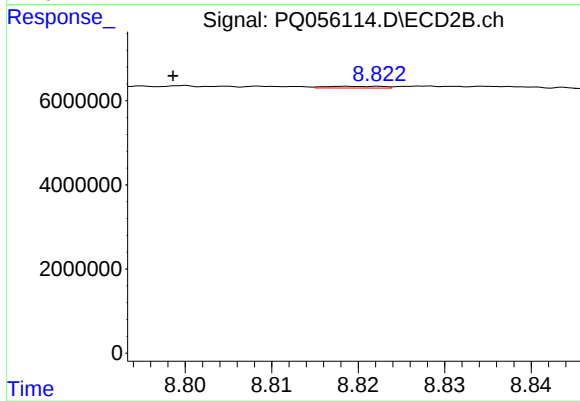
#42 AR-1268-2

R.T.: 8.574 min
Delta R.T.: -0.015 min
Response: 8951255
Conc: 6.75 ng/ml



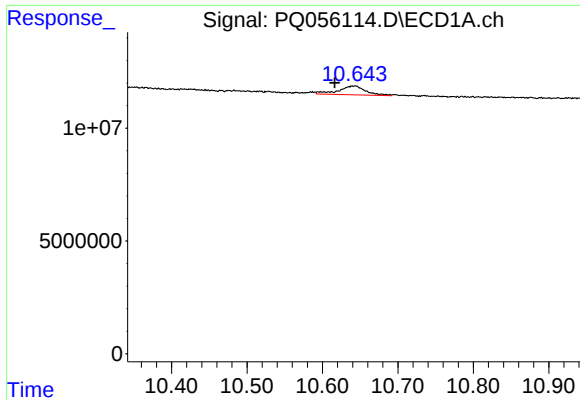
#43 AR-1268-3

R.T.: 10.147 min
Delta R.T.: 0.000 min
Response: 174915
Conc: 0.10 ng/ml



#43 AR-1268-3

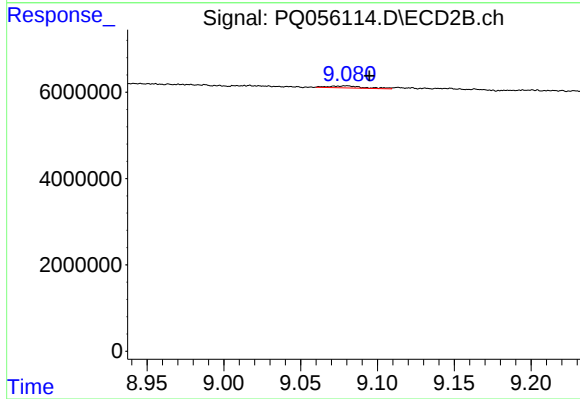
R.T.: 8.820 min
Delta R.T.: 0.021 min
Response: 186792
Conc: 0.17 ng/ml



#44 AR-1268-4

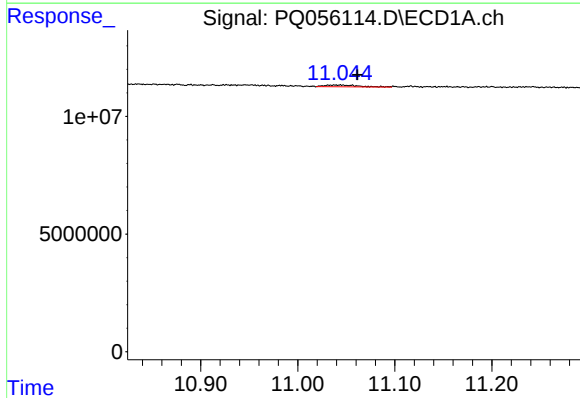
R.T.: 10.643 min
Delta R.T.: 0.027 min
Response: 9795042
Conc: 13.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



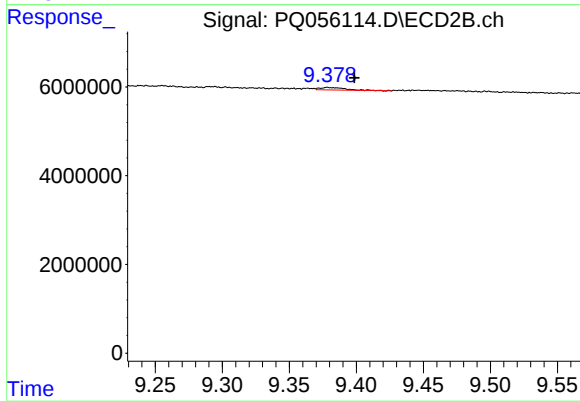
#44 AR-1268-4

R.T.: 9.080 min
Delta R.T.: -0.015 min
Response: 697764
Conc: 1.59 ng/ml



#45 AR-1268-5

R.T.: 11.044 min
Delta R.T.: -0.017 min
Response: 1864194
Conc: 0.34 ng/ml



#45 AR-1268-5

R.T.: 9.379 min
Delta R.T.: -0.020 min
Response: 773055
Conc: 0.23 ng/ml