

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR091918\
 Data File : PR032115.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Sep 2018 08:51
 Operator : SM\SJ
 Sample : J4773-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 19 09:03:53 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR091818.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 19 03:49:43 2018
 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...	4.514	3.645	431.5E6	851.3E6	21.704	20.344
2)	SA Decachlor...	10.256	8.500	317.5E6	197.3E6	10.840	8.773
Target Compounds							
3)	L1 AR-1016-1	5.204	4.333	11621841	46197345	22.352	39.927 #
4)	L1 AR-1016-2	5.398	4.688	11701845	20902381	22.187	12.155 #
5)	L1 AR-1016-3	5.702	4.688	7881081	20902381	9.643	6.612 #
6)	L1 AR-1016-4	5.767	4.763	2155089	52543496	3.010	29.354 #
8)	L2 AR-1221-1	4.693	3.855	22945377	25044740	85.575	47.135 #
9)	L2 AR-1221-2	4.820	3.939	38400232	15399842	187.786	38.358 #
10)	L2 AR-1221-3	4.874	4.027	11163684	-3392838	17.897	N.D. #
11)	L3 AR-1232-1	5.702	4.491	7881081	124.8E6	16.318	217.317 #
12)	L3 AR-1232-2	5.835	4.596	33068490	37145992	133.264	192.963 #
13)	L3 AR-1232-3	6.026	4.987	39339982	81127711	348.349	147.221 #
14)	L3 AR-1232-4	6.359	5.293	30519865	45077450	404.581	64.078 #
15)	L3 AR-1232-5	7.227	0.000	10103557	0	154.991	N.D. #
16)	L4 AR-1242-1	5.252	4.333	12008943	46197345	53.694	85.815 #
17)	L4 AR-1242-2	6.026	4.888	39339982	23779036	94.062	21.193 #
18)	L4 AR-1242-3	6.206	4.987	6603576	81127711	30.104	204.200 #
19)	L4 AR-1242-4	6.206	5.352	6603576	37331446	39.086	100.270 #
20)	L4 AR-1242-5	6.292	5.732	10175228	245.3E6	18.364	292.834 #
21)	L5 AR-1248-1	5.952	4.924	13175222	81464625	10.520	28.543 #
22)	L5 AR-1248-2	6.522	5.488	104.8E6	107.8E6	80.464	18.866 #
23)	L5 AR-1248-3	6.563	5.530	134.3E6	17326194	75.741	3.994 #
24)	L5 AR-1248-4	6.563	5.677	134.3E6	578.1E6	79.341	146.063 #
25)	L5 AR-1248-5	6.806	6.008	135.5E6	39213098	121.178	15.497 #
26)	L6 AR-1254-1	6.750	5.615	31772629	25825072	21.023	8.257 #
27)	L6 AR-1254-2	7.004	5.909	43701653	8009136	44.406	5.158 #
28)	L6 AR-1254-3	7.111	6.229	109.8E6	17466913	61.639	5.421 #
29)	L6 AR-1254-4	7.389	6.608	4501602	5293934	3.206	2.812
30)	L6 AR-1254-5	7.658	6.636	9129024	27184652	9.539	12.346 #
31)	L7 AR-1260-1	7.269	6.149	17258893	41415844	13.208	12.503
32)	L7 AR-1260-2	7.524	6.321	53750756	164.1E6	32.468	40.143
33)	L7 AR-1260-3	7.808	6.465	24553063	8325647	12.801	2.543 #
34)	L7 AR-1260-4	8.107	6.928	9888817	4895320	7.164	2.441 #
35)	L7 AR-1260-5	8.431	7.163	8471455	32169512	2.769	7.880 #
36)	L8 AR-1262-1	7.163	6.008	15258665	39213098	20.083	22.671
37)	L8 AR-1262-2	7.939	6.719	14320523	16478519	20.243	11.590 #
38)	L8 AR-1262-3	8.192	7.021	1898871	7454371	3.124	7.330 #
39)	L8 AR-1262-4	8.837	7.434	8228277	42413044	4.539	25.068 #
40)	L8 AR-1262-5	9.496	7.997	4727455	9364912	3.491	8.882 #
41)	L9 AR-1268-1	7.883	6.674	7719769	14633684	10.901	10.447
42)	L9 AR-1268-2	8.124	7.482	10153741	34315333	10.981	5.725 #

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Instrument :
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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 Quant Title : GC EXTRACTABLES
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 Response via : Initial Calibration
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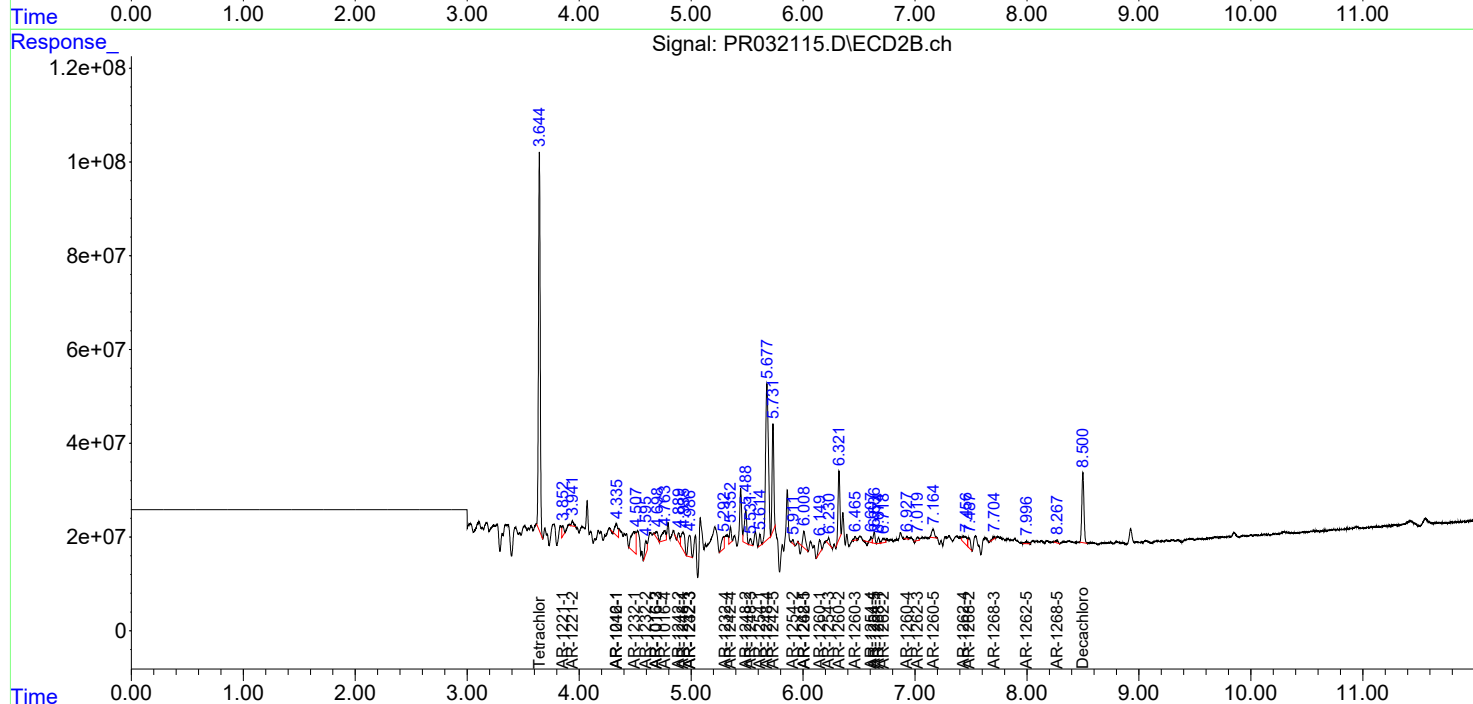
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

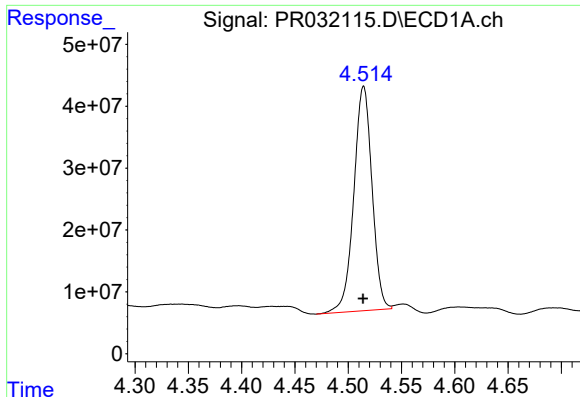
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43)	L9 AR-1268-3	8.757	7.704	7808573	6242333	1.832	2.219
44)	L9 AR-1268-4	9.074	0.000	4219125	0	1.230	N.D. #
45)	L9 AR-1268-5	9.916	8.268	10540736	8868373	1.035	1.227

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

Instrument :
ECD_R
ClientSampleId :

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

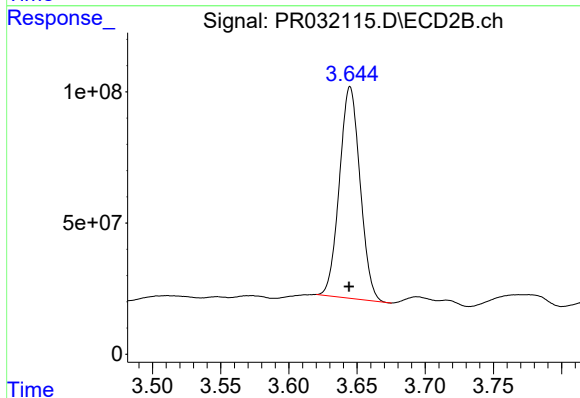




#1 Tetrachloro-m-xylene

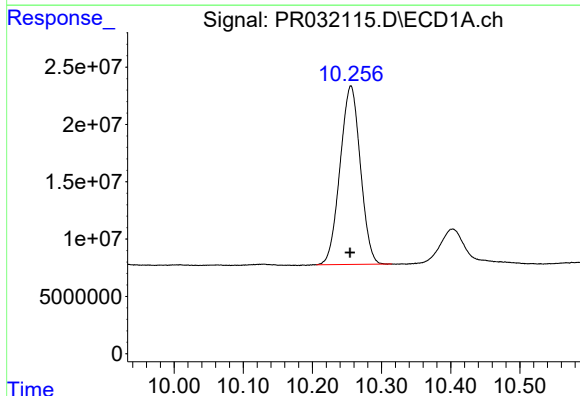
R.T.: 4.514 min
Delta R.T.: 0.000 min
Response: 431494770
Conc: 21.70 ng/ml

Instrument :
ECD_R
ClientSampleId :



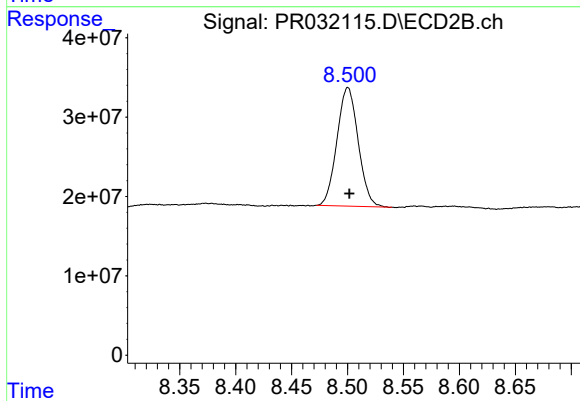
#1 Tetrachloro-m-xylene

R.T.: 3.645 min
Delta R.T.: 0.000 min
Response: 851300552
Conc: 20.34 ng/ml



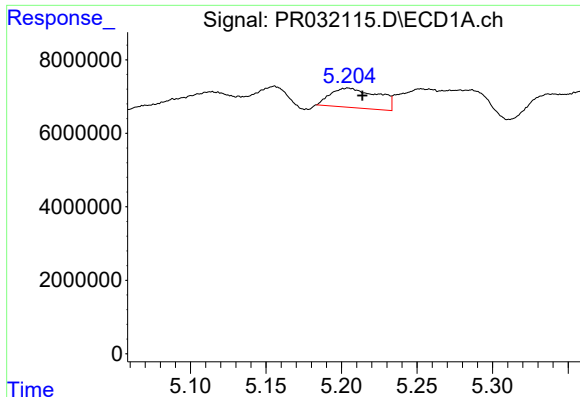
#2 Decachlorobiphenyl

R.T.: 10.256 min
Delta R.T.: 0.001 min
Response: 317528543
Conc: 10.84 ng/ml



#2 Decachlorobiphenyl

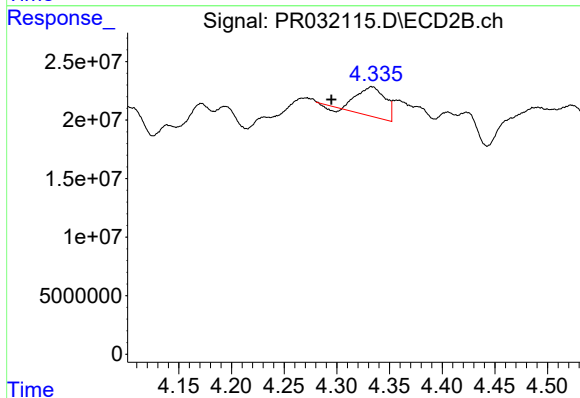
R.T.: 8.500 min
Delta R.T.: -0.002 min
Response: 197272458
Conc: 8.77 ng/ml



#3 AR-1016-1

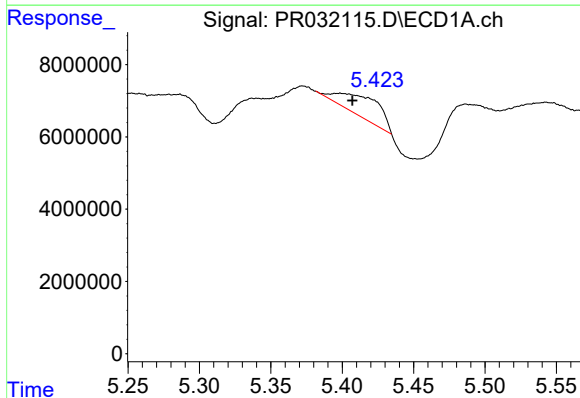
R.T.: 5.204 min
Delta R.T.: -0.009 min
Response: 11621841
Conc: 22.35 ng/ml

Instrument :
ECD_R
ClientSampleId :



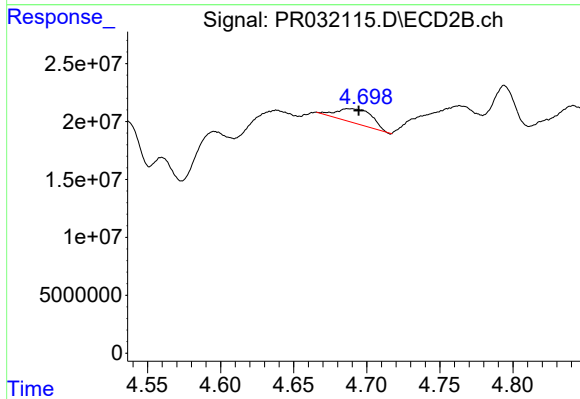
#3 AR-1016-1

R.T.: 4.333 min
Delta R.T.: 0.039 min
Response: 46197345
Conc: 39.93 ng/ml



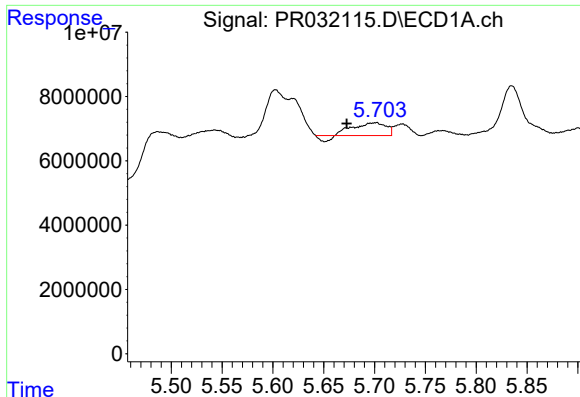
#4 AR-1016-2

R.T.: 5.398 min
Delta R.T.: -0.009 min
Response: 11701845
Conc: 22.19 ng/ml



#4 AR-1016-2

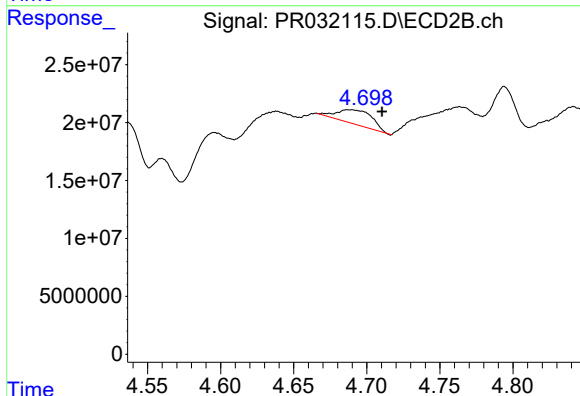
R.T.: 4.688 min
Delta R.T.: -0.006 min
Response: 20902381
Conc: 12.16 ng/ml



#5 AR-1016-3

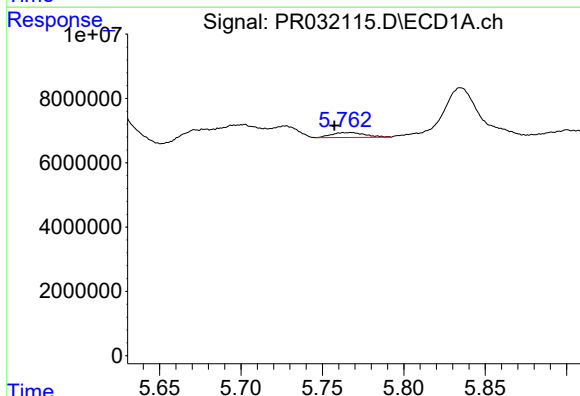
R.T.: 5.702 min
Delta R.T.: 0.029 min
Response: 7881081
Conc: 9.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



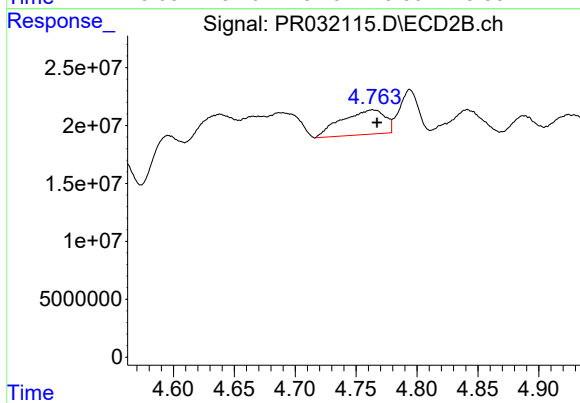
#5 AR-1016-3

R.T.: 4.688 min
Delta R.T.: -0.022 min
Response: 20902381
Conc: 6.61 ng/ml



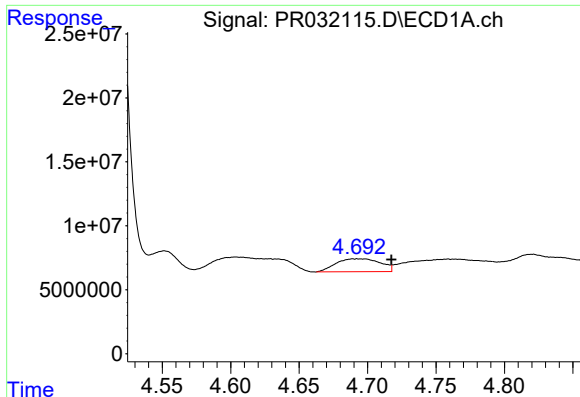
#6 AR-1016-4

R.T.: 5.767 min
Delta R.T.: 0.010 min
Response: 2155089
Conc: 3.01 ng/ml



#6 AR-1016-4

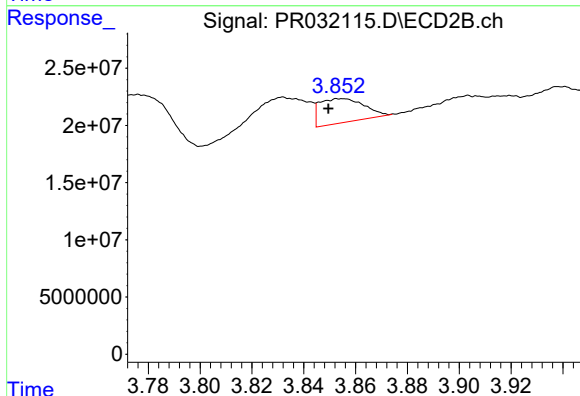
R.T.: 4.763 min
Delta R.T.: -0.004 min
Response: 52543496
Conc: 29.35 ng/ml



#8 AR-1221-1

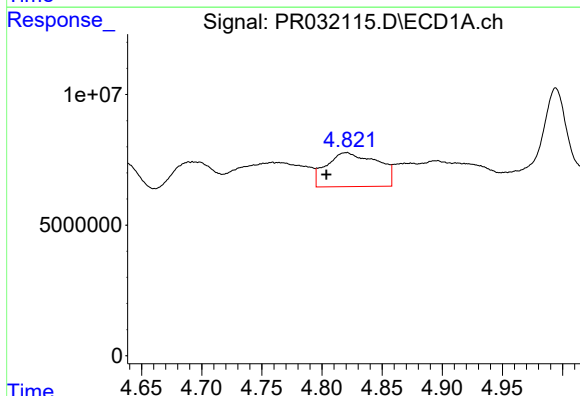
R.T.: 4.693 min
Delta R.T.: -0.025 min
Response: 22945377
Conc: 85.58 ng/ml

Instrument :
ECD_R
ClientSampleId :



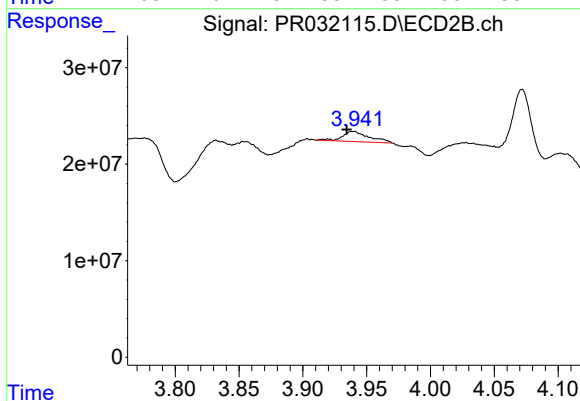
#8 AR-1221-1

R.T.: 3.855 min
Delta R.T.: 0.005 min
Response: 25044740
Conc: 47.14 ng/ml



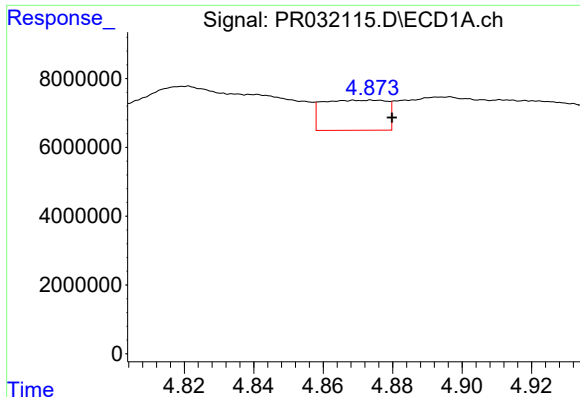
#9 AR-1221-2

R.T.: 4.820 min
Delta R.T.: 0.017 min
Response: 38400232
Conc: 187.79 ng/ml



#9 AR-1221-2

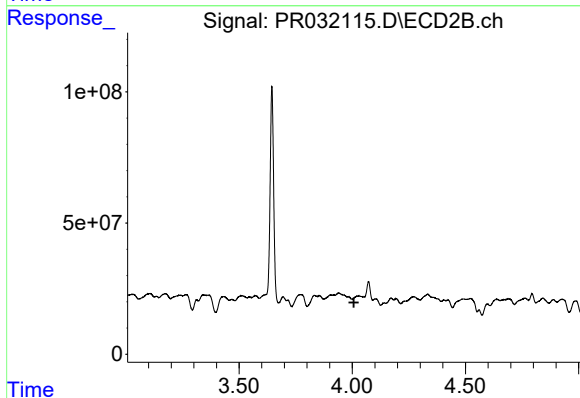
R.T.: 3.939 min
Delta R.T.: 0.005 min
Response: 15399842
Conc: 38.36 ng/ml



#10 AR-1221-3

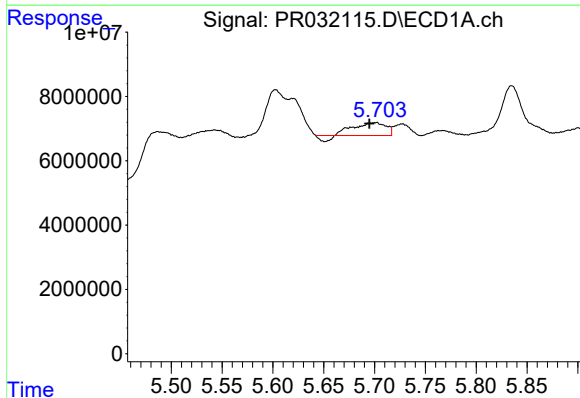
R.T.: 4.874 min
Delta R.T.: -0.005 min
Response: 11163684
Conc: 17.90 ng/ml

Instrument :
ECD_R
ClientSampleId :



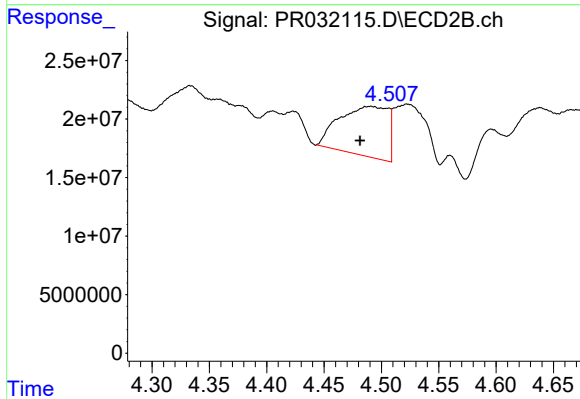
#10 AR-1221-3

R.T.: 4.027 min
Delta R.T.: 0.020 min
Response: -3392838
Conc: N.D.



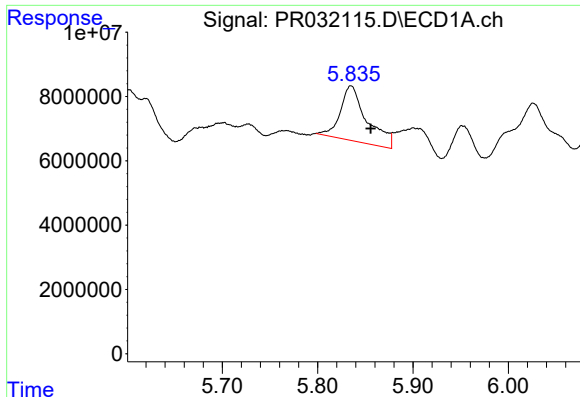
#11 AR-1232-1

R.T.: 5.702 min
Delta R.T.: 0.007 min
Response: 7881081
Conc: 16.32 ng/ml



#11 AR-1232-1

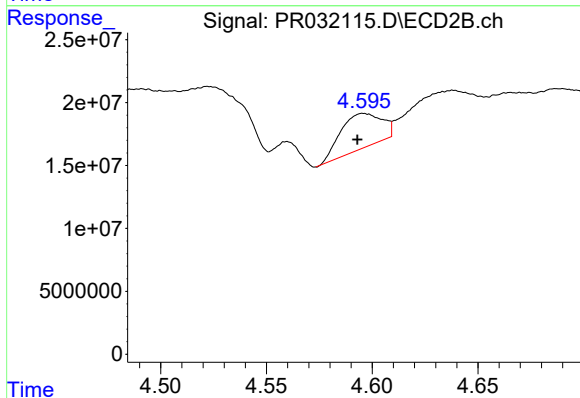
R.T.: 4.491 min
Delta R.T.: 0.009 min
Response: 124767871
Conc: 217.32 ng/ml



#12 AR-1232-2

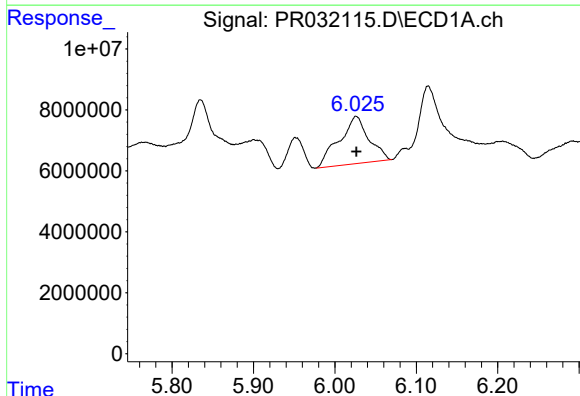
R.T.: 5.835 min
Delta R.T.: -0.021 min
Response: 33068490
Conc: 133.26 ng/ml

Instrument :
ECD_R
ClientSampleId :



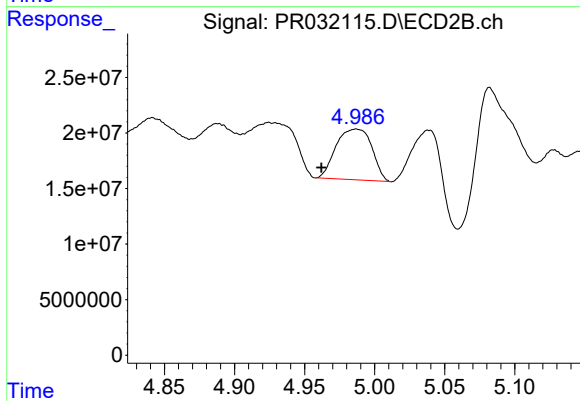
#12 AR-1232-2

R.T.: 4.596 min
Delta R.T.: 0.003 min
Response: 37145992
Conc: 192.96 ng/ml



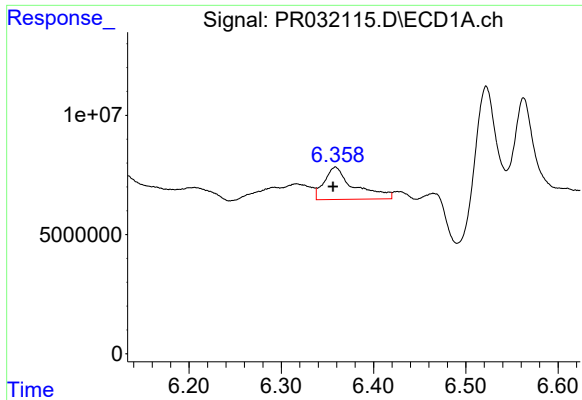
#13 AR-1232-3

R.T.: 6.026 min
Delta R.T.: 0.000 min
Response: 39339982
Conc: 348.35 ng/ml



#13 AR-1232-3

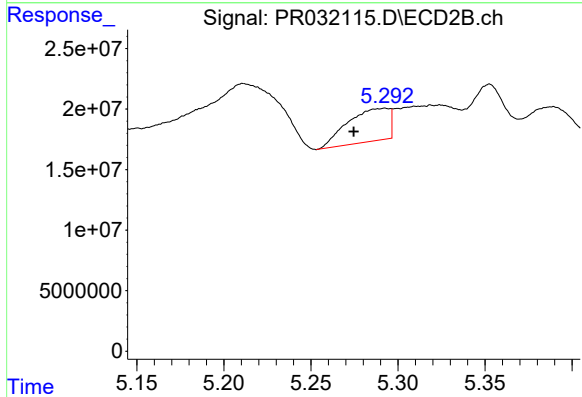
R.T.: 4.987 min
Delta R.T.: 0.025 min
Response: 81127711
Conc: 147.22 ng/ml



#14 AR-1232-4

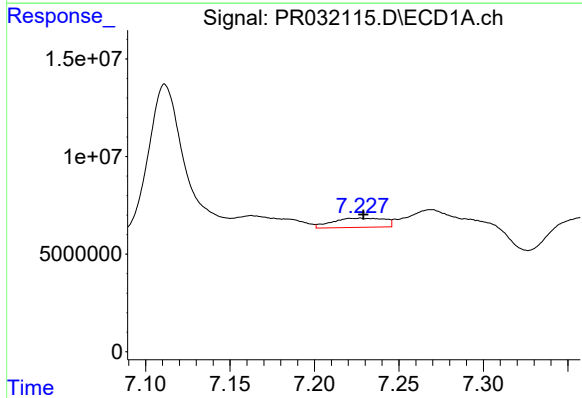
R.T.: 6.359 min
Delta R.T.: 0.003 min
Response: 30519865
Conc: 404.58 ng/ml

Instrument :
ECD_R
ClientSampleId :



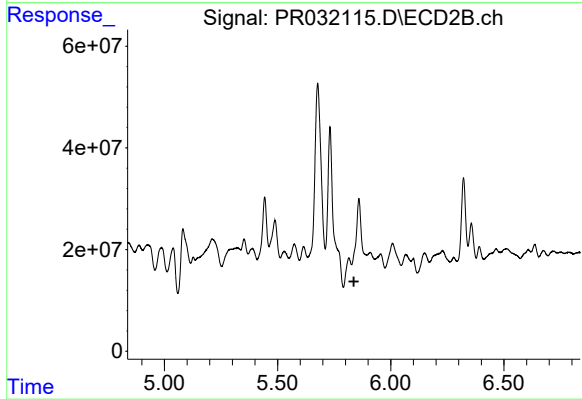
#14 AR-1232-4

R.T.: 5.293 min
Delta R.T.: 0.018 min
Response: 45077450
Conc: 64.08 ng/ml



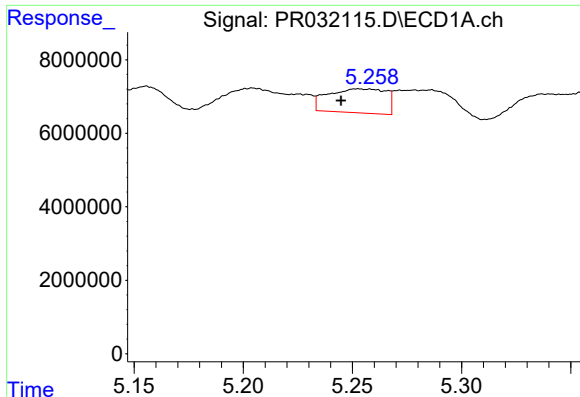
#15 AR-1232-5

R.T.: 7.227 min
Delta R.T.: -0.002 min
Response: 10103557
Conc: 154.99 ng/ml



#15 AR-1232-5

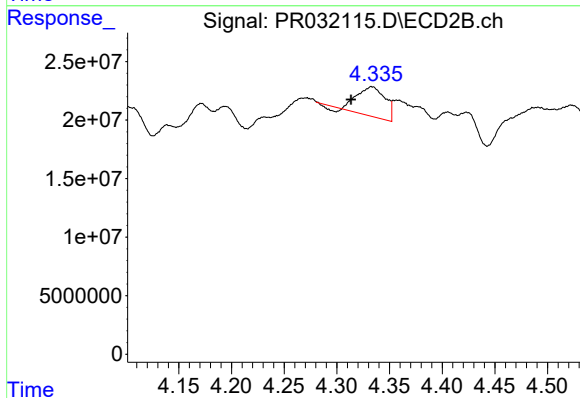
R.T.: 0.000 min
Exp R.T.: 5.837 min
Response: 0
Conc: N.D.



#16 AR-1242-1

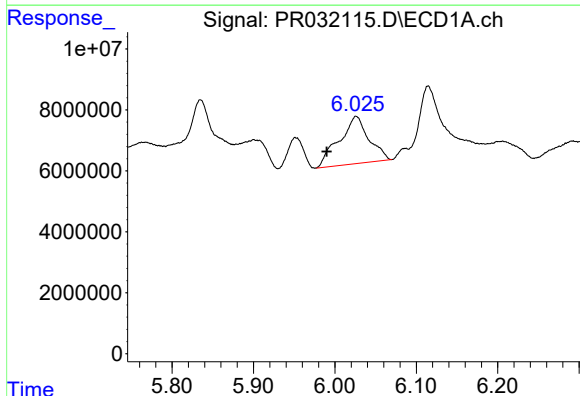
R.T.: 5.252 min
Delta R.T.: 0.008 min
Response: 12008943
Conc: 53.69 ng/ml

Instrument :
ECD_R
ClientSampleId :



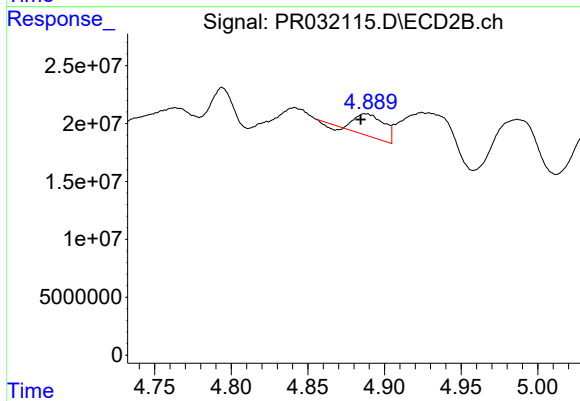
#16 AR-1242-1

R.T.: 4.333 min
Delta R.T.: 0.020 min
Response: 46197345
Conc: 85.81 ng/ml



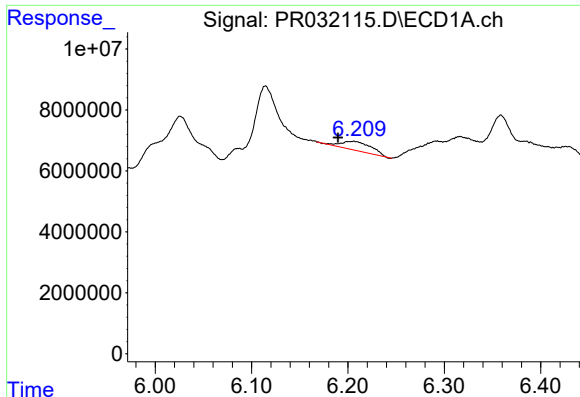
#17 AR-1242-2

R.T.: 6.026 min
Delta R.T.: 0.036 min
Response: 39339982
Conc: 94.06 ng/ml



#17 AR-1242-2

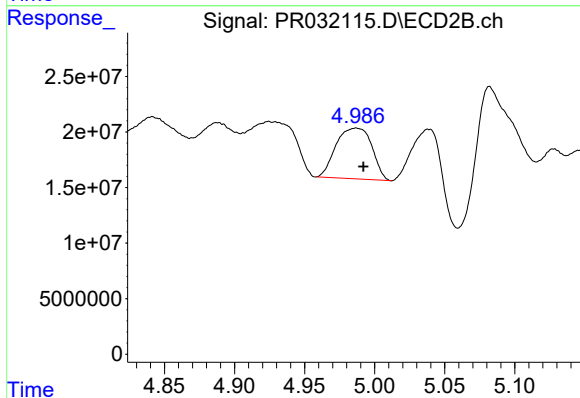
R.T.: 4.888 min
Delta R.T.: 0.003 min
Response: 23779036
Conc: 21.19 ng/ml



#18 AR-1242-3

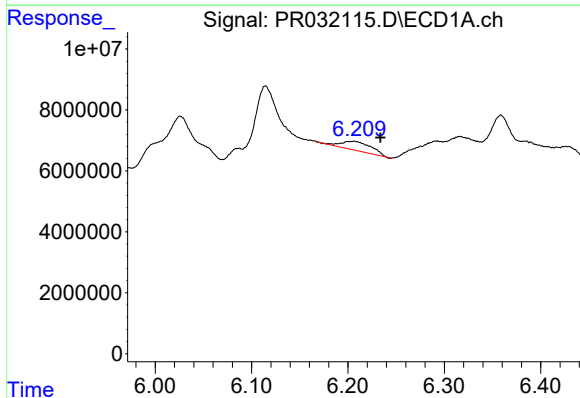
R.T.: 6.206 min
Delta R.T.: 0.016 min
Response: 6603576
Conc: 30.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



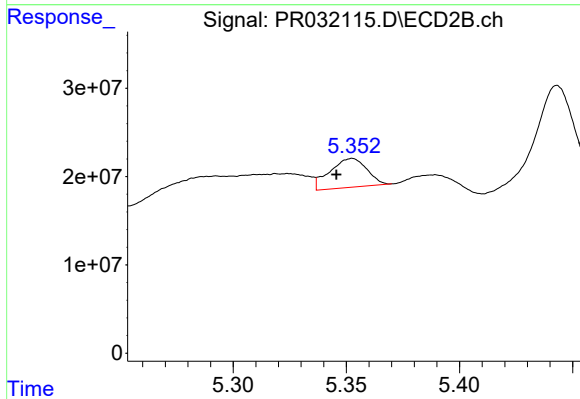
#18 AR-1242-3

R.T.: 4.987 min
Delta R.T.: -0.005 min
Response: 81127711
Conc: 204.20 ng/ml



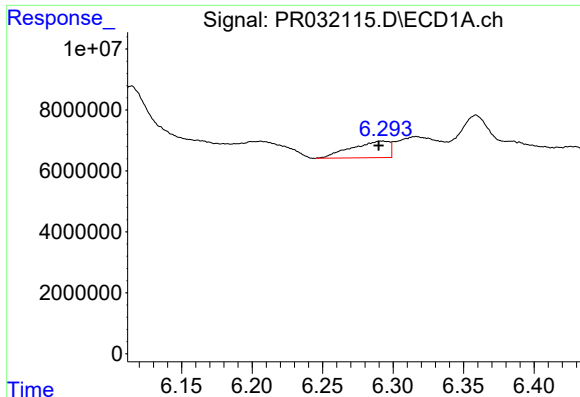
#19 AR-1242-4

R.T.: 6.206 min
Delta R.T.: -0.028 min
Response: 6603576
Conc: 39.09 ng/ml



#19 AR-1242-4

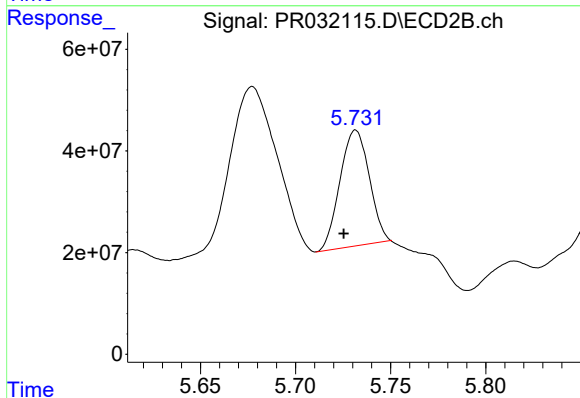
R.T.: 5.352 min
Delta R.T.: 0.007 min
Response: 37331446
Conc: 100.27 ng/ml



#20 AR-1242-5

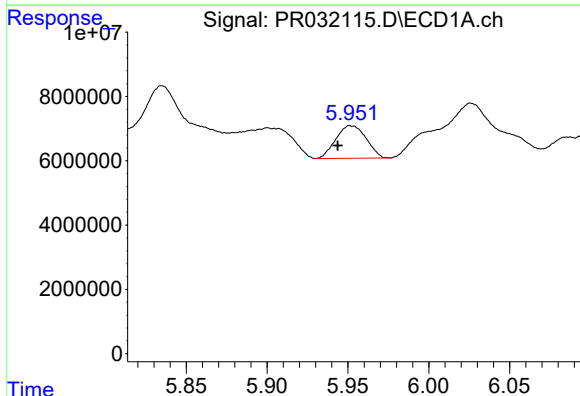
R.T.: 6.292 min
Delta R.T.: 0.002 min
Response: 10175228
Conc: 18.36 ng/ml

Instrument :
ECD_R
ClientSampleId :



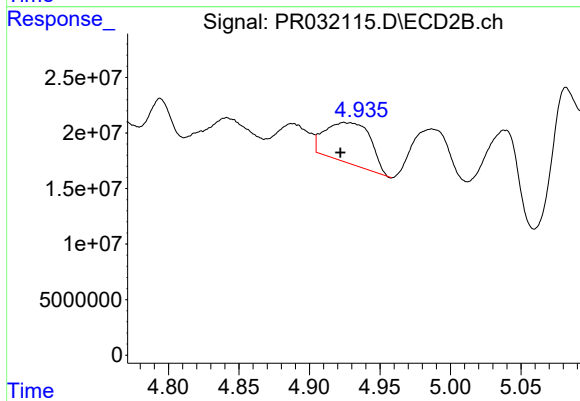
#20 AR-1242-5

R.T.: 5.732 min
Delta R.T.: 0.006 min
Response: 245256861
Conc: 292.83 ng/ml



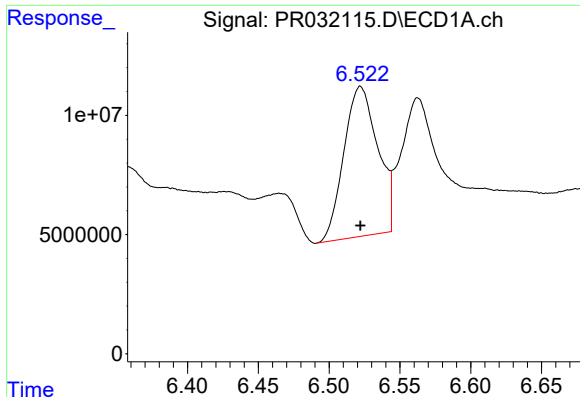
#21 AR-1248-1

R.T.: 5.952 min
Delta R.T.: 0.008 min
Response: 13175222
Conc: 10.52 ng/ml



#21 AR-1248-1

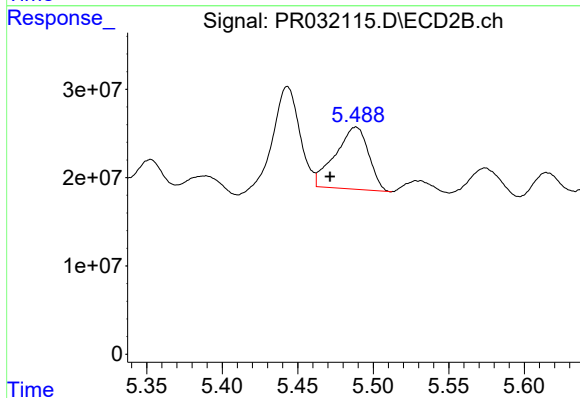
R.T.: 4.924 min
Delta R.T.: 0.003 min
Response: 81464625
Conc: 28.54 ng/ml



#22 AR-1248-2

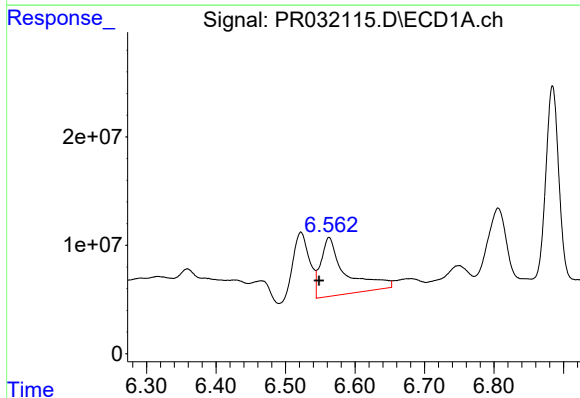
R.T.: 6.522 min
Delta R.T.: 0.000 min
Response: 104837842
Conc: 80.46 ng/ml

Instrument :
ECD_R
ClientSampleId :



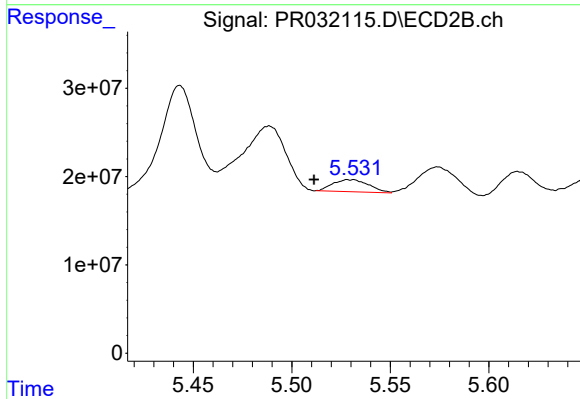
#22 AR-1248-2

R.T.: 5.488 min
Delta R.T.: 0.017 min
Response: 107757556
Conc: 18.87 ng/ml



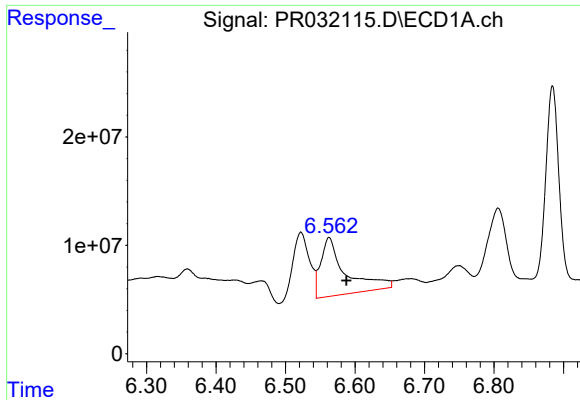
#23 AR-1248-3

R.T.: 6.563 min
Delta R.T.: 0.014 min
Response: 134326408
Conc: 75.74 ng/ml



#23 AR-1248-3

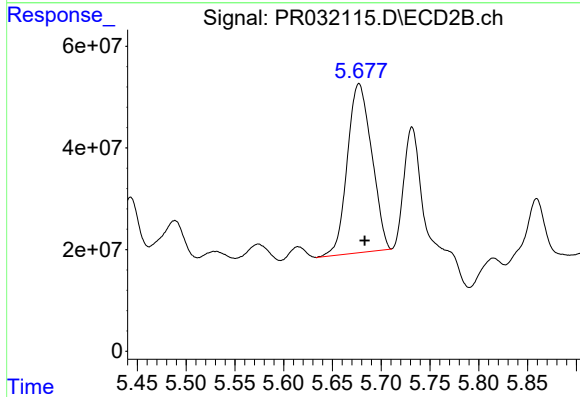
R.T.: 5.530 min
Delta R.T.: 0.018 min
Response: 17326194
Conc: 3.99 ng/ml



#24 AR-1248-4

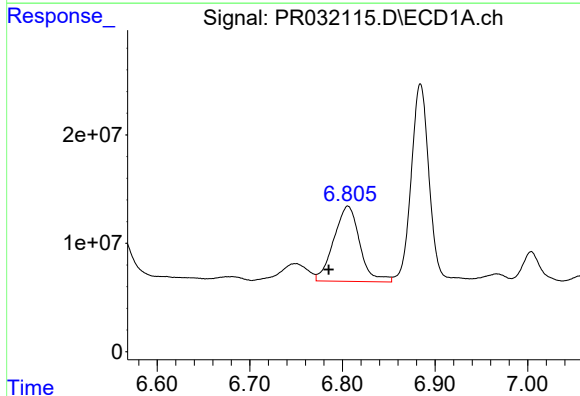
R.T.: 6.563 min
Delta R.T.: -0.025 min
Response: 134326408
Conc: 79.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



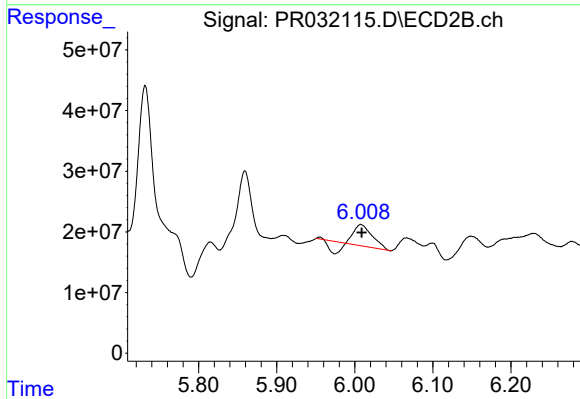
#24 AR-1248-4

R.T.: 5.677 min
Delta R.T.: -0.006 min
Response: 578062435
Conc: 146.06 ng/ml



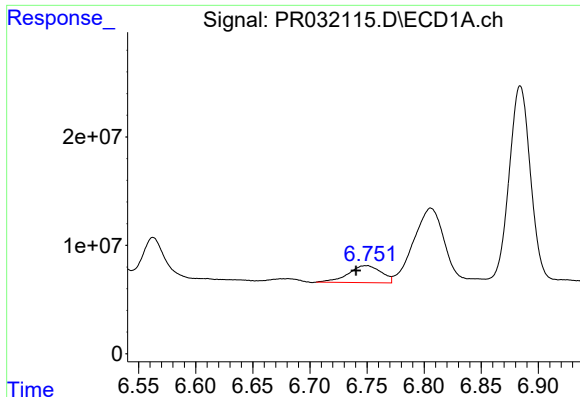
#25 AR-1248-5

R.T.: 6.806 min
Delta R.T.: 0.021 min
Response: 135496446
Conc: 121.18 ng/ml



#25 AR-1248-5

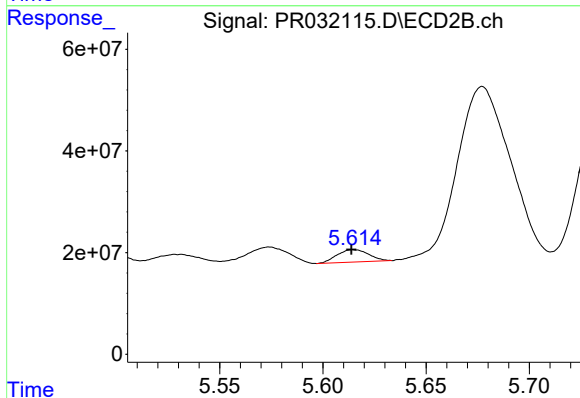
R.T.: 6.008 min
Delta R.T.: -0.001 min
Response: 39213098
Conc: 15.50 ng/ml



#26 AR-1254-1

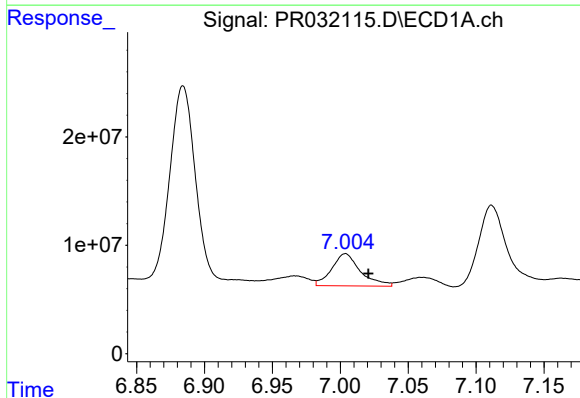
R.T.: 6.750 min
Delta R.T.: 0.009 min
Response: 31772629
Conc: 21.02 ng/ml

Instrument :
ECD_R
ClientSampleId :



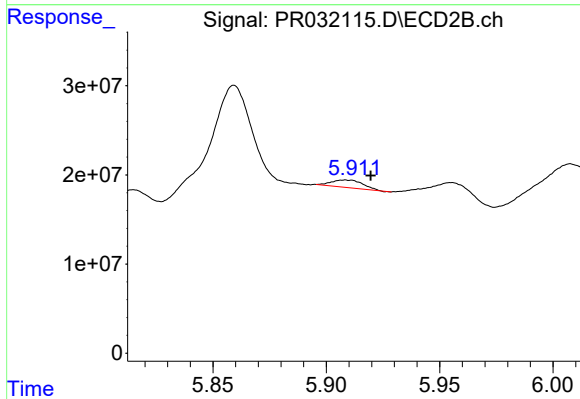
#26 AR-1254-1

R.T.: 5.615 min
Delta R.T.: 0.001 min
Response: 25825072
Conc: 8.26 ng/ml



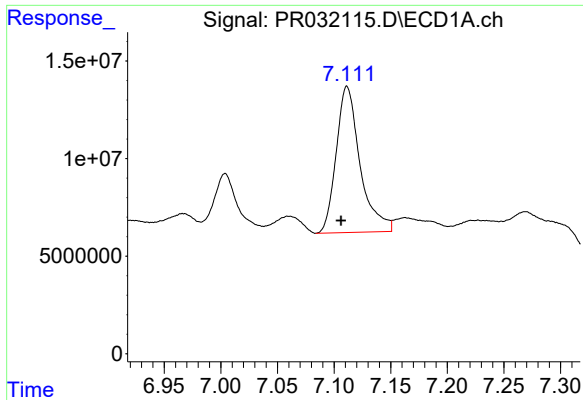
#27 AR-1254-2

R.T.: 7.004 min
Delta R.T.: -0.017 min
Response: 43701653
Conc: 44.41 ng/ml



#27 AR-1254-2

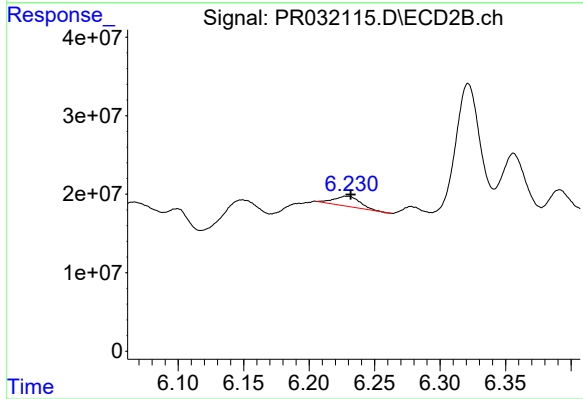
R.T.: 5.909 min
Delta R.T.: -0.011 min
Response: 8009136
Conc: 5.16 ng/ml



#28 AR-1254-3

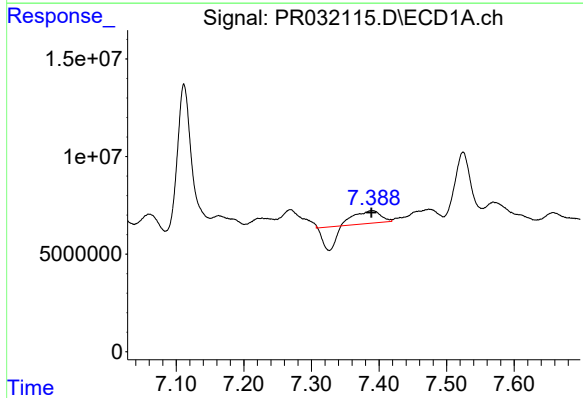
R.T.: 7.111 min
Delta R.T.: 0.005 min
Response: 109833513
Conc: 61.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



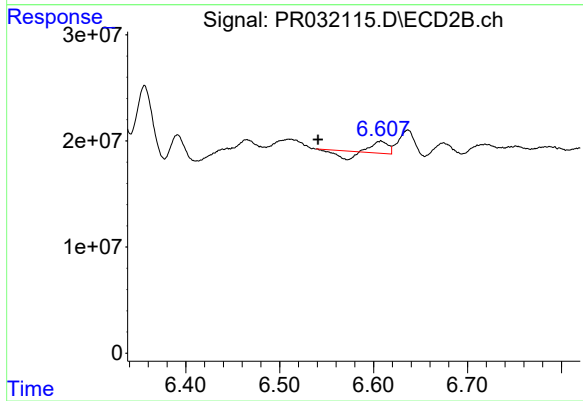
#28 AR-1254-3

R.T.: 6.229 min
Delta R.T.: -0.003 min
Response: 17466913
Conc: 5.42 ng/ml



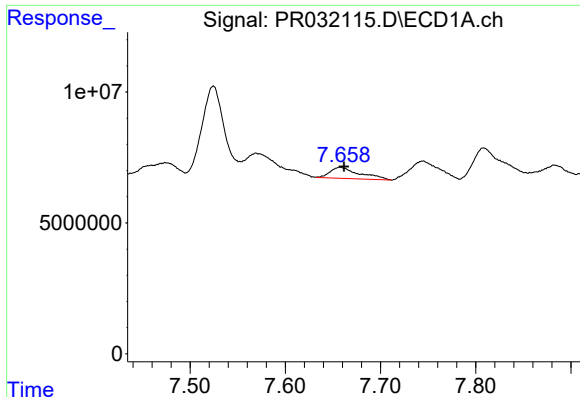
#29 AR-1254-4

R.T.: 7.389 min
Delta R.T.: 0.000 min
Response: 4501602
Conc: 3.21 ng/ml



#29 AR-1254-4

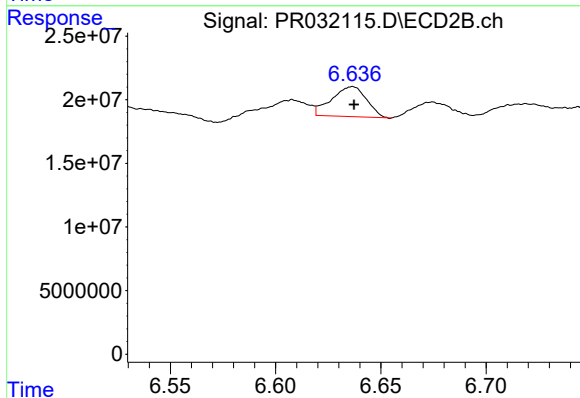
R.T.: 6.608 min
Delta R.T.: 0.067 min
Response: 5293934
Conc: 2.81 ng/ml



#30 AR-1254-5

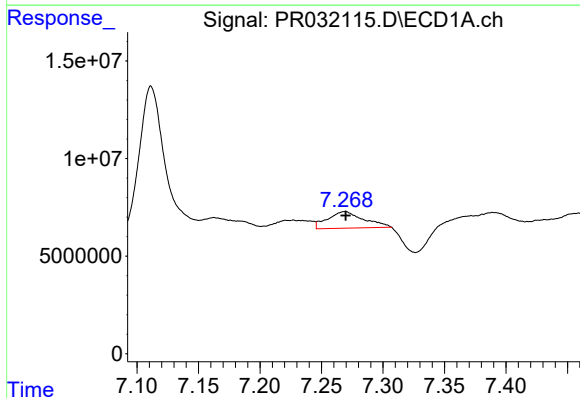
R.T.: 7.658 min
Delta R.T.: -0.004 min
Response: 9129024
Conc: 9.54 ng/ml

Instrument :
ECD_R
ClientSampleId :



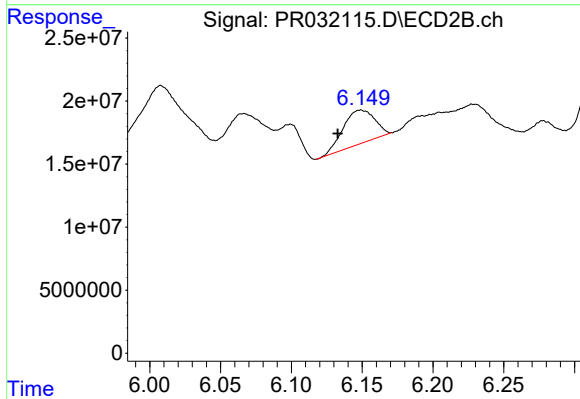
#30 AR-1254-5

R.T.: 6.636 min
Delta R.T.: -0.001 min
Response: 27184652
Conc: 12.35 ng/ml



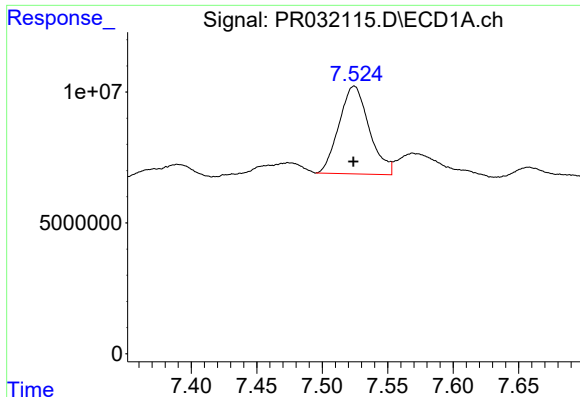
#31 AR-1260-1

R.T.: 7.269 min
Delta R.T.: 0.000 min
Response: 17258893
Conc: 13.21 ng/ml



#31 AR-1260-1

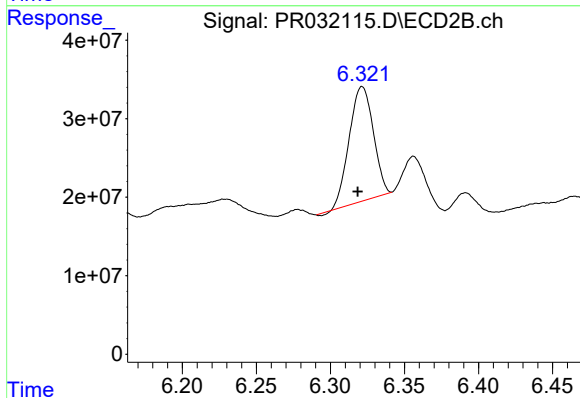
R.T.: 6.149 min
Delta R.T.: 0.016 min
Response: 41415844
Conc: 12.50 ng/ml



#32 AR-1260-2

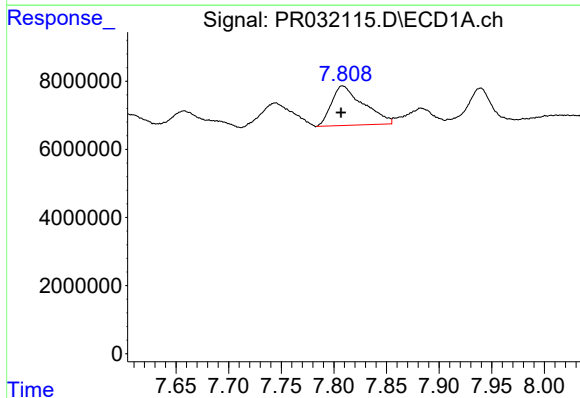
R.T.: 7.524 min
Delta R.T.: 0.000 min
Response: 53750756
Conc: 32.47 ng/ml

Instrument :
ECD_R
ClientSampleId :



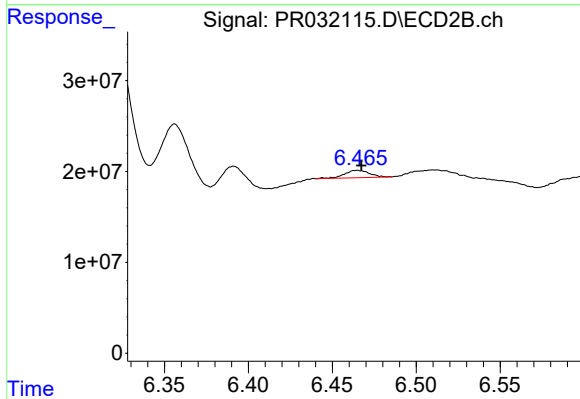
#32 AR-1260-2

R.T.: 6.321 min
Delta R.T.: 0.003 min
Response: 164077934
Conc: 40.14 ng/ml



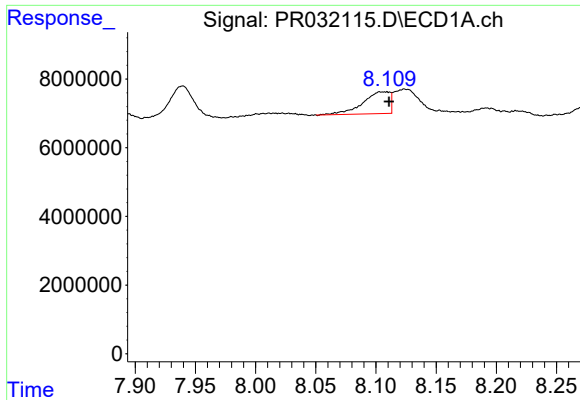
#33 AR-1260-3

R.T.: 7.808 min
Delta R.T.: 0.001 min
Response: 24553063
Conc: 12.80 ng/ml



#33 AR-1260-3

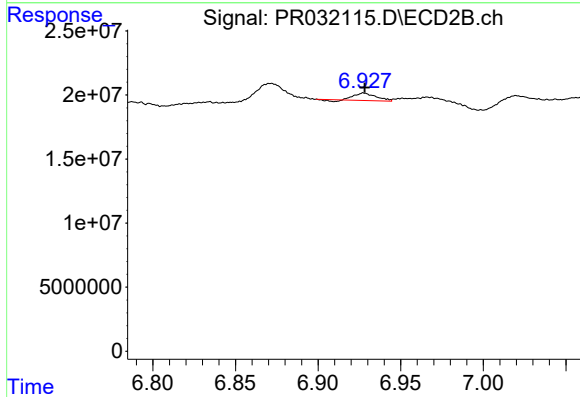
R.T.: 6.465 min
Delta R.T.: -0.002 min
Response: 8325647
Conc: 2.54 ng/ml



#34 AR-1260-4

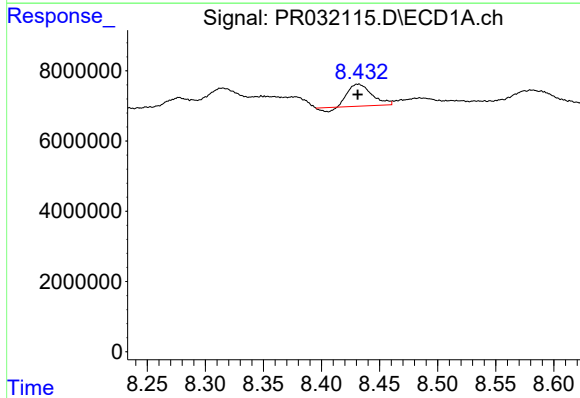
R.T.: 8.107 min
Delta R.T.: -0.004 min
Response: 9888817
Conc: 7.16 ng/ml

Instrument :
ECD_R
ClientSampleId :



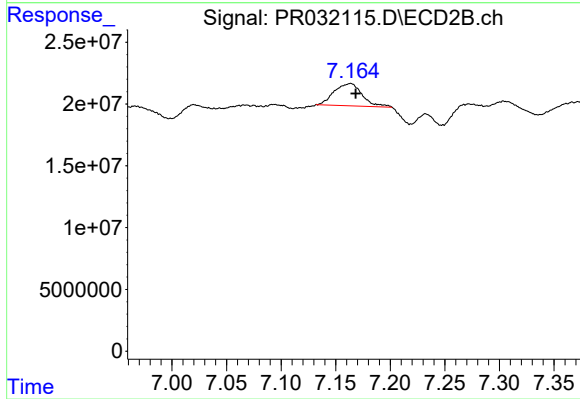
#34 AR-1260-4

R.T.: 6.928 min
Delta R.T.: 0.000 min
Response: 4895320
Conc: 2.44 ng/ml



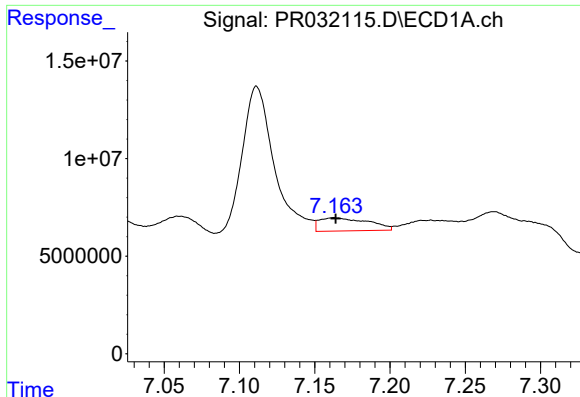
#35 AR-1260-5

R.T.: 8.431 min
Delta R.T.: 0.000 min
Response: 8471455
Conc: 2.77 ng/ml



#35 AR-1260-5

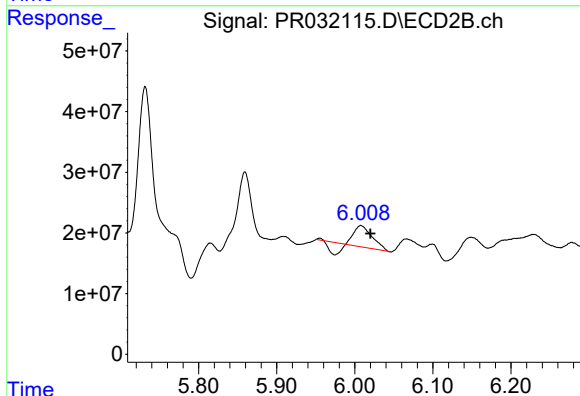
R.T.: 7.163 min
Delta R.T.: -0.006 min
Response: 32169512
Conc: 7.88 ng/ml



#36 AR-1262-1

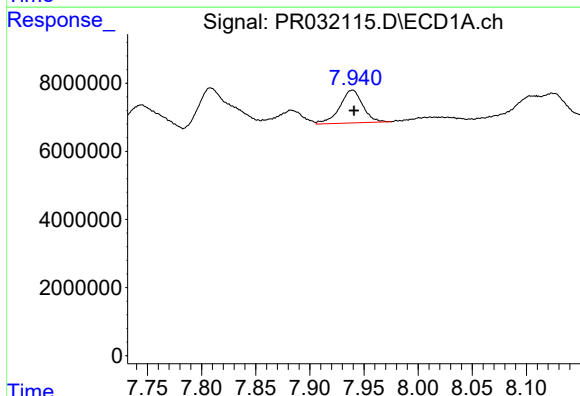
R.T.: 7.163 min
Delta R.T.: -0.001 min
Response: 15258665
Conc: 20.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



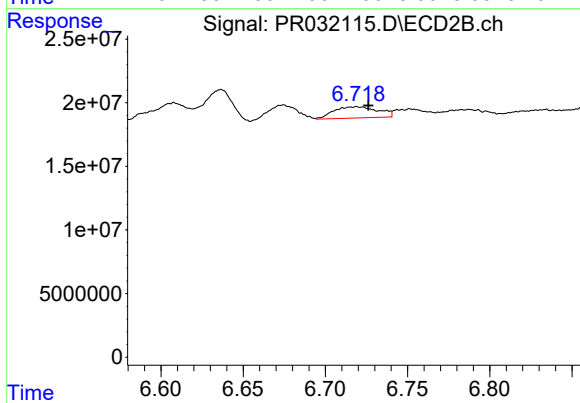
#36 AR-1262-1

R.T.: 6.008 min
Delta R.T.: -0.012 min
Response: 39213098
Conc: 22.67 ng/ml



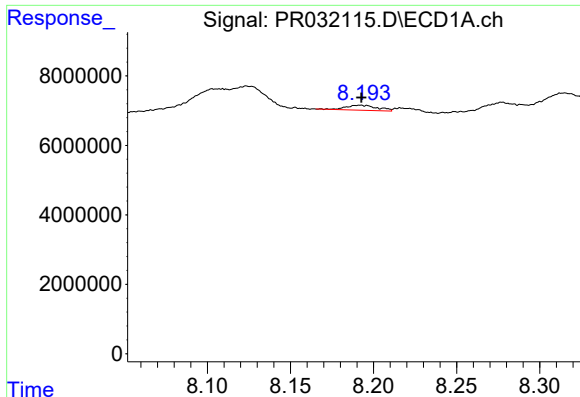
#37 AR-1262-2

R.T.: 7.939 min
Delta R.T.: -0.002 min
Response: 14320523
Conc: 20.24 ng/ml



#37 AR-1262-2

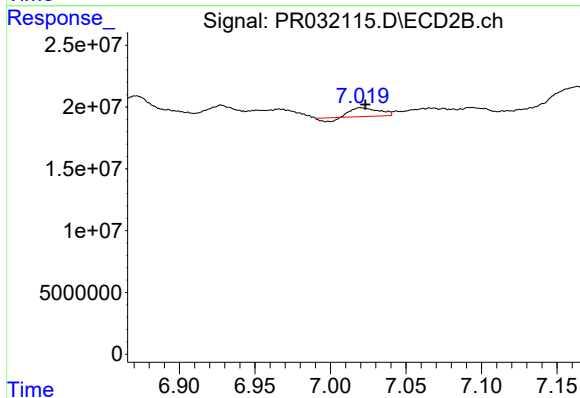
R.T.: 6.719 min
Delta R.T.: -0.007 min
Response: 16478519
Conc: 11.59 ng/ml



#38 AR-1262-3

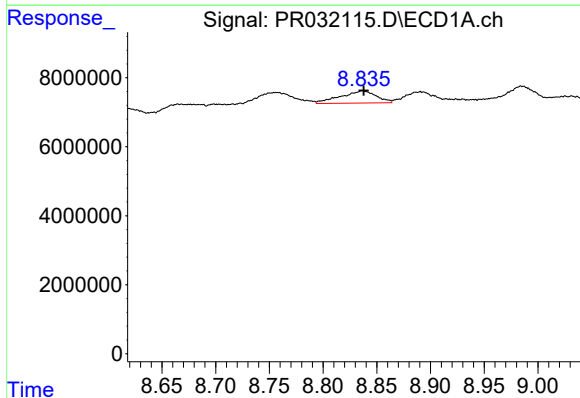
R.T.: 8.192 min
Delta R.T.: 0.000 min
Response: 1898871
Conc: 3.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



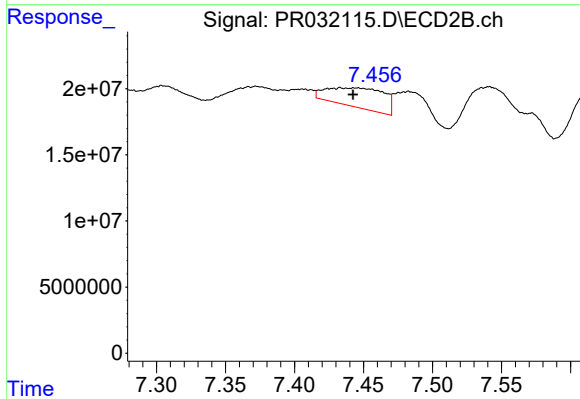
#38 AR-1262-3

R.T.: 7.021 min
Delta R.T.: -0.002 min
Response: 7454371
Conc: 7.33 ng/ml



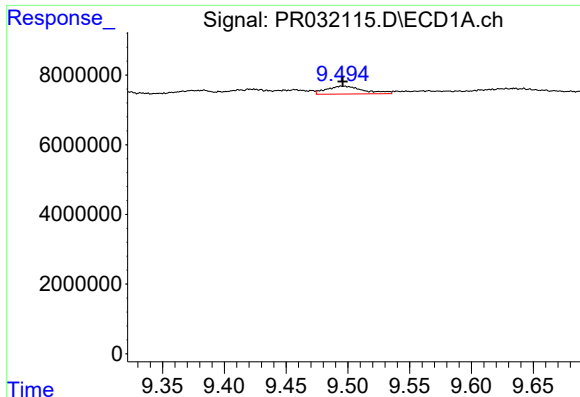
#39 AR-1262-4

R.T.: 8.837 min
Delta R.T.: 0.000 min
Response: 8228277
Conc: 4.54 ng/ml



#39 AR-1262-4

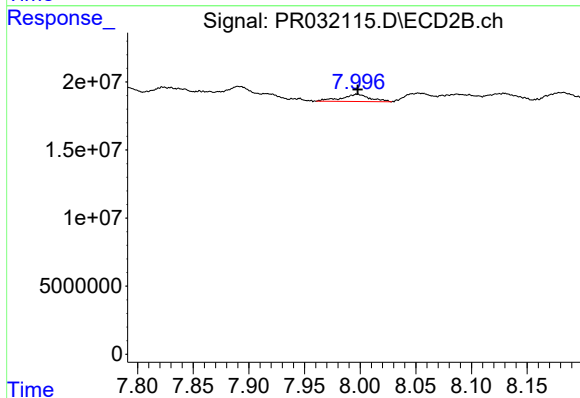
R.T.: 7.434 min
Delta R.T.: -0.009 min
Response: 42413044
Conc: 25.07 ng/ml



#40 AR-1262-5

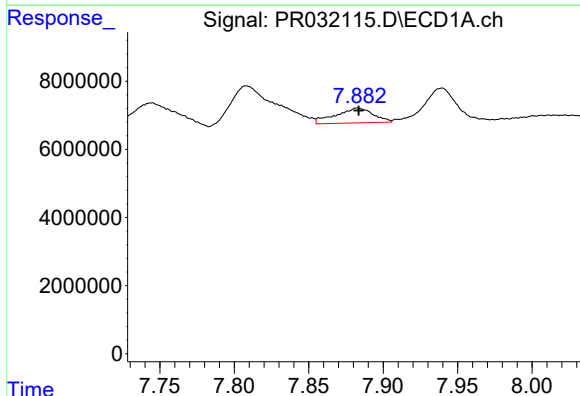
R.T.: 9.496 min
Delta R.T.: 0.000 min
Response: 4727455
Conc: 3.49 ng/ml

Instrument :
ECD_R
ClientSampleId :



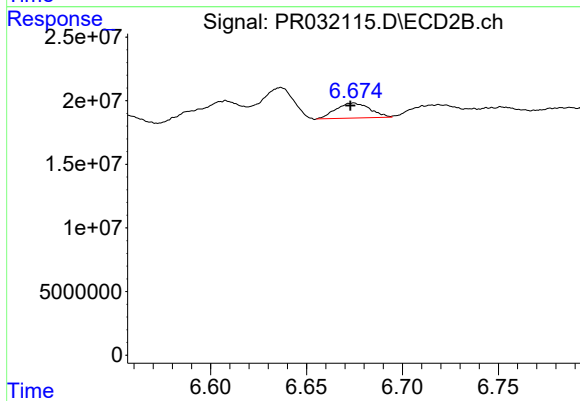
#40 AR-1262-5

R.T.: 7.997 min
Delta R.T.: 0.000 min
Response: 9364912
Conc: 8.88 ng/ml



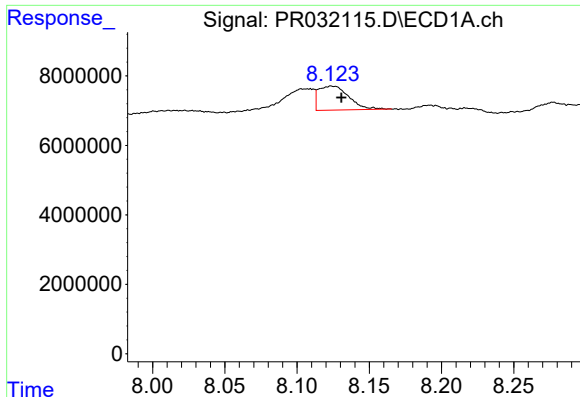
#41 AR-1268-1

R.T.: 7.883 min
Delta R.T.: 0.000 min
Response: 7719769
Conc: 10.90 ng/ml



#41 AR-1268-1

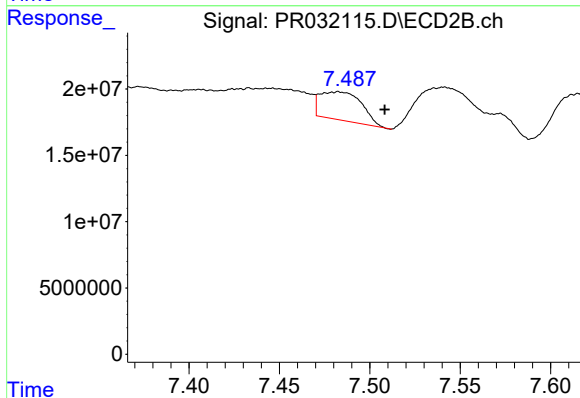
R.T.: 6.674 min
Delta R.T.: 0.002 min
Response: 14633684
Conc: 10.45 ng/ml



#42 AR-1268-2

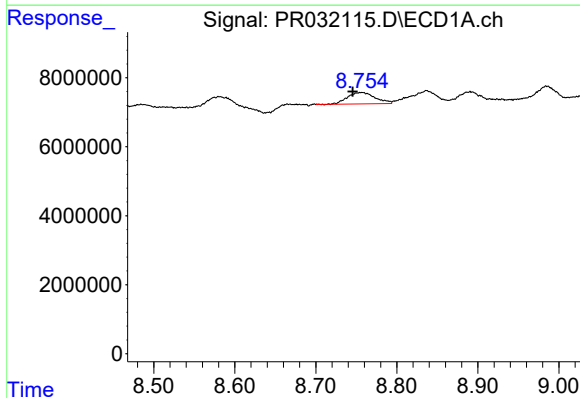
R.T.: 8.124 min
Delta R.T.: -0.007 min
Response: 10153741
Conc: 10.98 ng/ml

Instrument :
ECD_R
ClientSampleId :



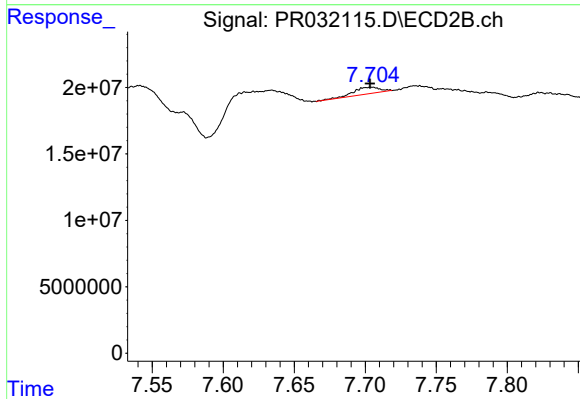
#42 AR-1268-2

R.T.: 7.482 min
Delta R.T.: -0.026 min
Response: 34315333
Conc: 5.73 ng/ml



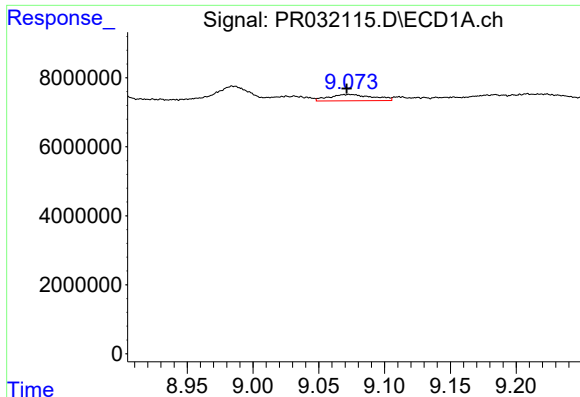
#43 AR-1268-3

R.T.: 8.757 min
Delta R.T.: 0.012 min
Response: 7808573
Conc: 1.83 ng/ml



#43 AR-1268-3

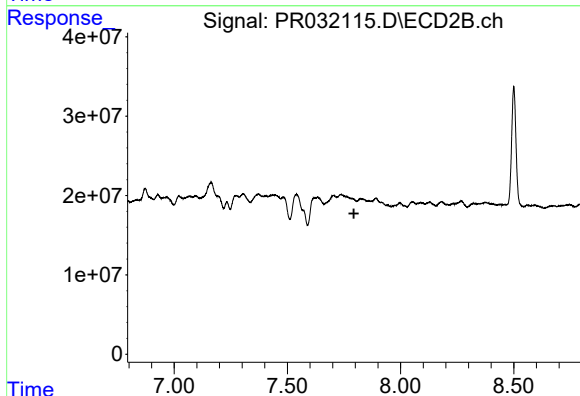
R.T.: 7.704 min
Delta R.T.: 0.000 min
Response: 6242333
Conc: 2.22 ng/ml



#44 AR-1268-4

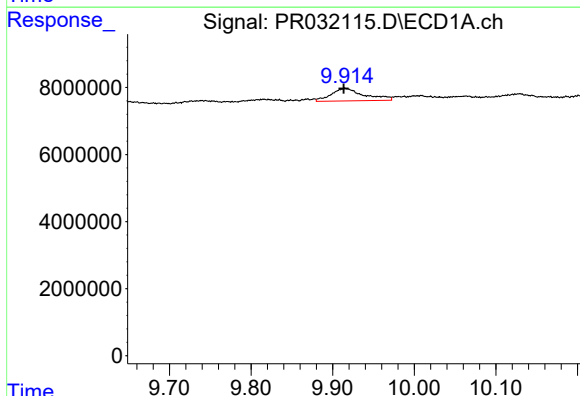
R.T.: 9.074 min
Delta R.T.: 0.002 min
Response: 4219125
Conc: 1.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



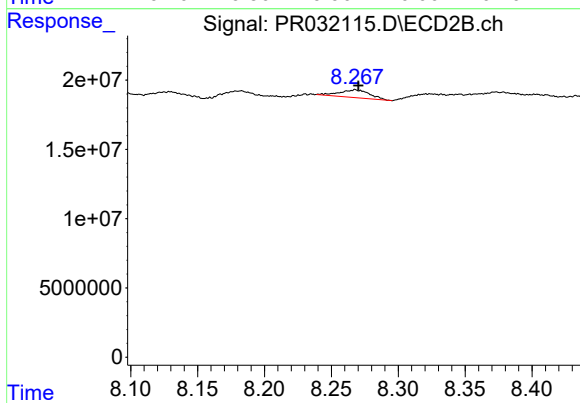
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 7.794 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 9.916 min
Delta R.T.: 0.002 min
Response: 10540736
Conc: 1.04 ng/ml



#45 AR-1268-5

R.T.: 8.268 min
Delta R.T.: -0.002 min
Response: 8868373
Conc: 1.23 ng/ml