

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR052920\
 Data File : PR045427.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 May 2020 08:35
 Operator : AJ\MA
 Sample : L2182-02
 Misc : AR1254 50PPB LOQ
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 29 10:36:43 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR052620.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed May 27 04:32:40 2020
 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...	4.775	4.009	38460809	296.8E6	20.714	22.068
2)	SA Decachlor...	10.799	9.153	43796432	335.0E6	21.866	24.249
Target Compounds							
3)	L1 AR-1016-1	5.964	5.111	207120	582792	2.989	1.171 #
4)	L1 AR-1016-2	5.990	5.111	175040	582792	1.806	0.849 #
5)	L1 AR-1016-3	5.990	5.349	175040	15885475	2.866	43.892 #
6)	L1 AR-1016-4	0.000	5.349	0	15885475	N.D.	57.526 #
7)	L1 AR-1016-5	6.449	5.567	1928096	10236353	41.367	26.204 #
9)	L2 AR-1221-2	5.091	4.316	499806	5354524	34.211	47.962 #
10)	L2 AR-1221-3	5.091	0.000	499806	0	10.534	N.D. #
11)	L3 AR-1232-1	5.091	0.000	499806	0	13.255	N.D. #
12)	L3 AR-1232-2	5.674	5.111	351828	582792	17.867	1.970 #
13)	L3 AR-1232-3	5.990	5.349	175040	15885475	4.347	102.403 #
14)	L3 AR-1232-4	0.000	5.393	0	4201468	N.D.	32.189 #
15)	L3 AR-1232-5	6.239	5.567	2098613	10236353	147.331	68.582 #
16)	L4 AR-1242-1	5.964	5.111	207120	582792	3.956	1.457 #
17)	L4 AR-1242-2	5.990	5.111	175040	582792	2.334	1.061 #
18)	L4 AR-1242-3	5.990	5.349	175040	15885475	3.827	54.602 #
19)	L4 AR-1242-4	0.000	5.393	0	4201468	N.D.	15.425 #
20)	L4 AR-1242-5	6.899	5.923	2348207	49403662	56.778	132.897 #
21)	L5 AR-1248-1	5.964	5.111	207120	582792	4.755	1.765 #
22)	L5 AR-1248-2	6.239	5.349	2098613	15885475	36.660	38.653
23)	L5 AR-1248-3	6.449	5.393	1928096	4201468	29.547	9.976 #
24)	L5 AR-1248-4	6.857	5.567	2648527	10236353	35.462	19.370 #
25)	L5 AR-1248-5	6.899	6.014	2348207	11300048	33.100	21.520 #
26)	L6 AR-1254-1	6.829	5.923	5586241	49403662	81.351	65.710
27)	L6 AR-1254-2	7.046	6.071	7105297	34927970	65.984	54.063
28)	L6 AR-1254-3	7.421	6.480	7052805	53319454	59.495	48.868
29)	L6 AR-1254-4	7.709	6.708	5425915	35746183	60.225	50.294
30)	L6 AR-1254-5	8.132	7.129	5468510	47593567	55.635	50.964
31)	L7 AR-1260-1	7.581	6.611	2243670	27509103	26.559	40.834 #
32)	L7 AR-1260-2	7.839	6.798	3406191	21719702	32.546	26.870
33)	L7 AR-1260-3	8.196	6.955	980697	22205759	12.186	29.026 #
34)	L7 AR-1260-4	8.445	7.430	2911502	3559927	30.136	5.495 #
35)	L7 AR-1260-5	8.798	7.668	1253197	3716775	6.294	2.302 #
36)	L8 AR-1262-1	8.196	7.129	980697	47593567	8.563	96.444 #
37)	L8 AR-1262-2	8.798	7.668	1253197	3716775	5.709	2.058 #
38)	L8 AR-1262-3	9.164	8.019	650132	10493238	6.798	15.543 #
39)	L8 AR-1262-4	9.164	8.019	650132	10493238	5.912	8.122 #
41)	L9 AR-1268-1	9.164	8.019	650132	10493238	2.491	5.166 #
42)	L9 AR-1268-2	0.000	8.019	0	10493238	N.D.	5.449 #
43)	L9 AR-1268-3	9.491	8.240	317907	2991155	1.590	1.889

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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	10.428	8.867	472702	2702251	0.676	0.536

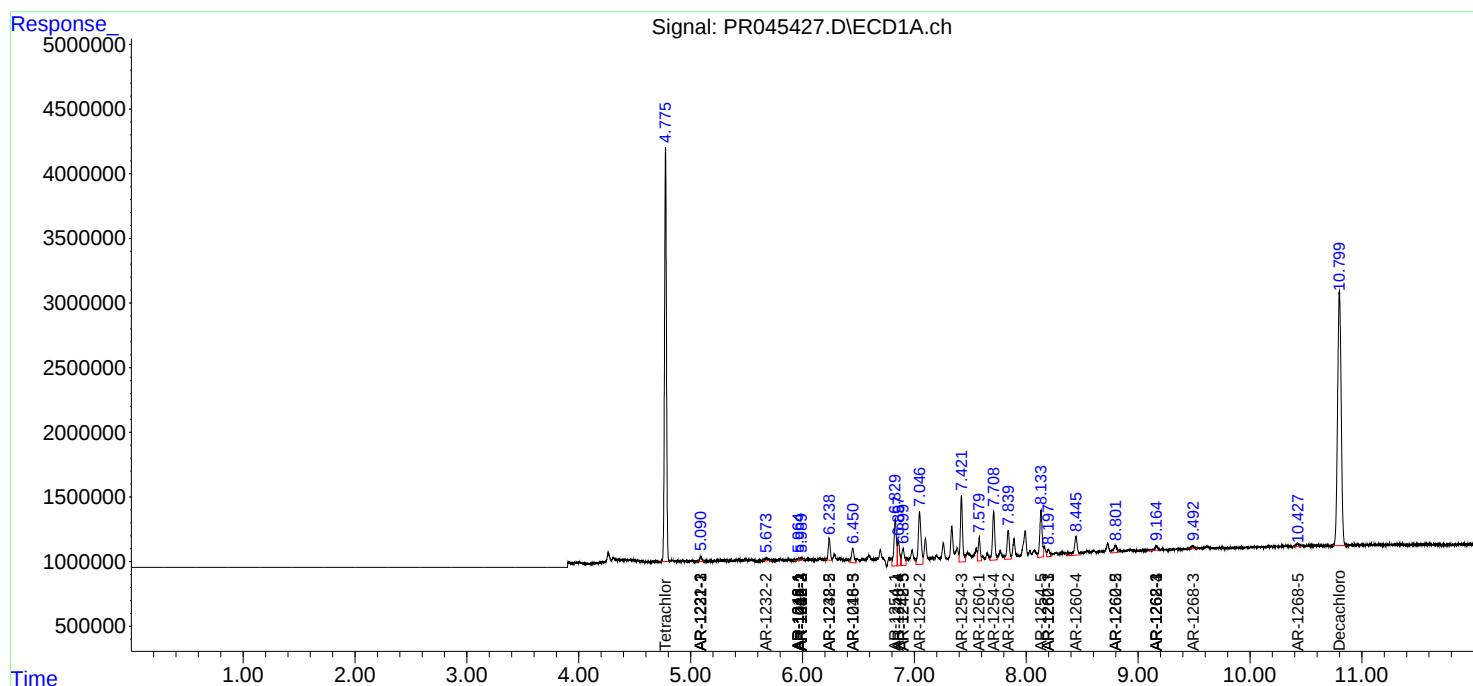
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

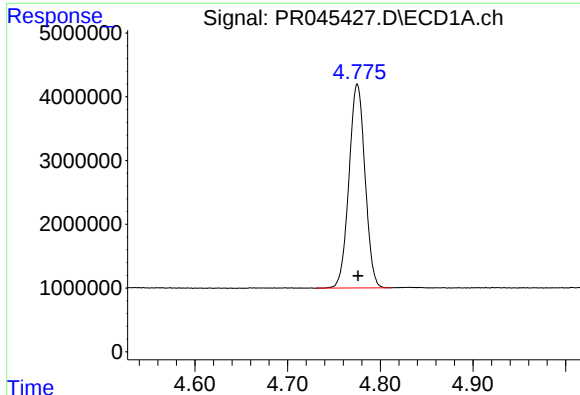
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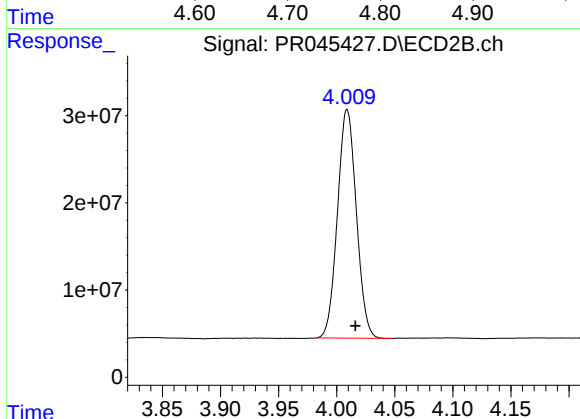




#1 Tetrachloro-m-xylene

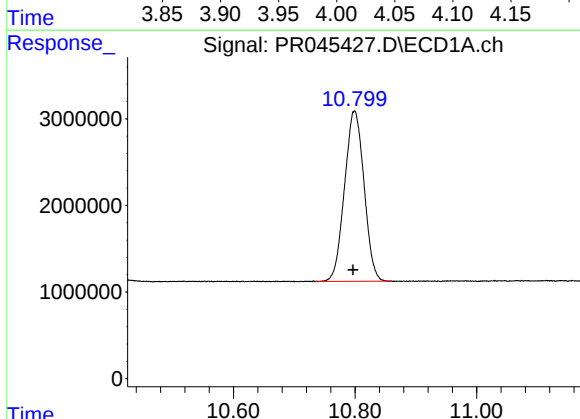
R.T.: 4.775 min
Delta R.T.: 0.000 min
Response: 38460809
Conc: 20.71 ng/ml

Instrument :
ECD_R
ClientSampleId :



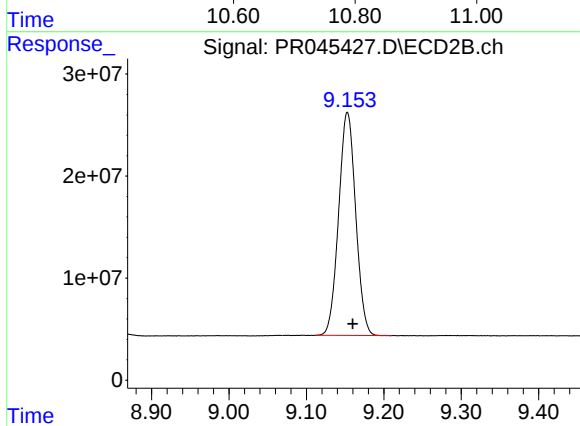
#1 Tetrachloro-m-xylene

R.T.: 4.009 min
Delta R.T.: -0.007 min
Response: 296787215
Conc: 22.07 ng/ml



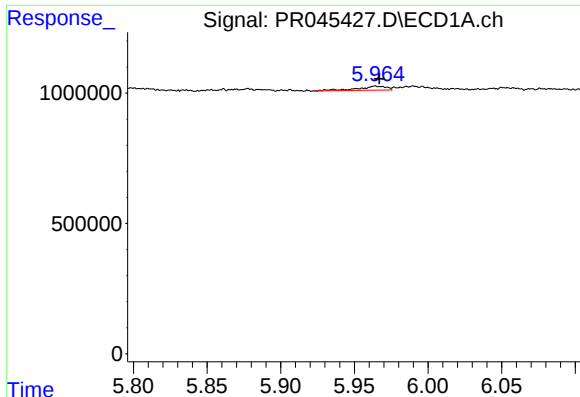
#2 Decachlorobiphenyl

R.T.: 10.799 min
Delta R.T.: 0.002 min
Response: 43796432
Conc: 21.87 ng/ml



#2 Decachlorobiphenyl

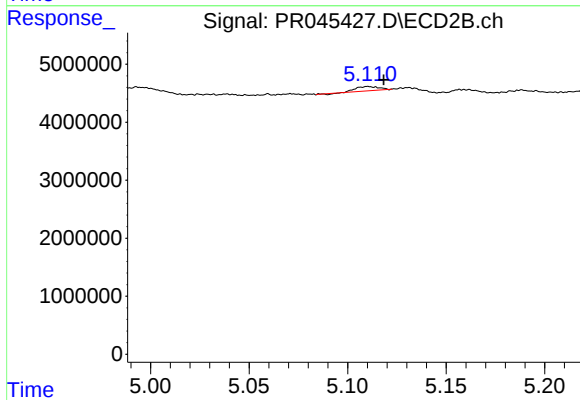
R.T.: 9.153 min
Delta R.T.: -0.007 min
Response: 334978728
Conc: 24.25 ng/ml



#3 AR-1016-1

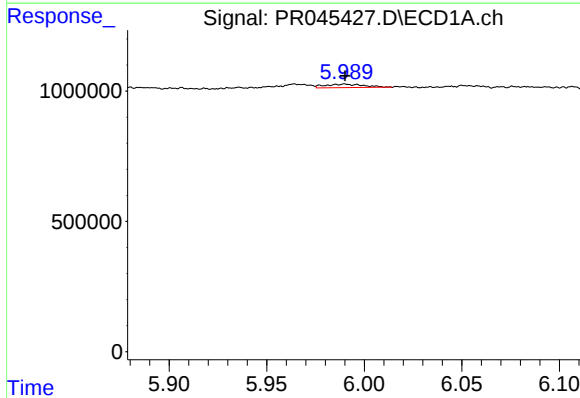
R.T.: 5.964 min
Delta R.T.: -0.003 min
Response: 207120
Conc: 2.99 ng/ml

Instrument :
ECD_R
ClientSampleId :



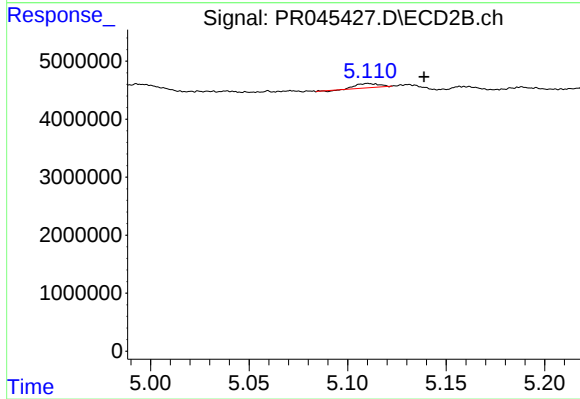
#3 AR-1016-1

R.T.: 5.111 min
Delta R.T.: -0.008 min
Response: 582792
Conc: 1.17 ng/ml



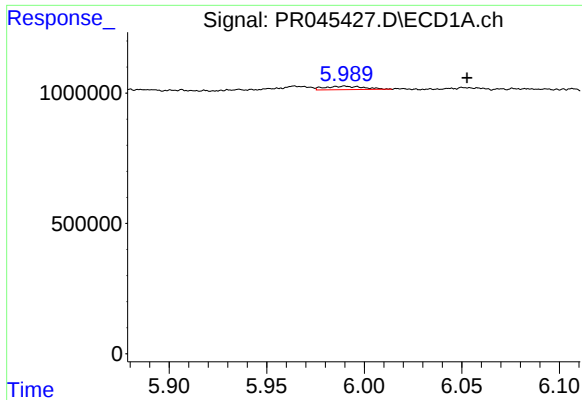
#4 AR-1016-2

R.T.: 5.990 min
Delta R.T.: 0.000 min
Response: 175040
Conc: 1.81 ng/ml



#4 AR-1016-2

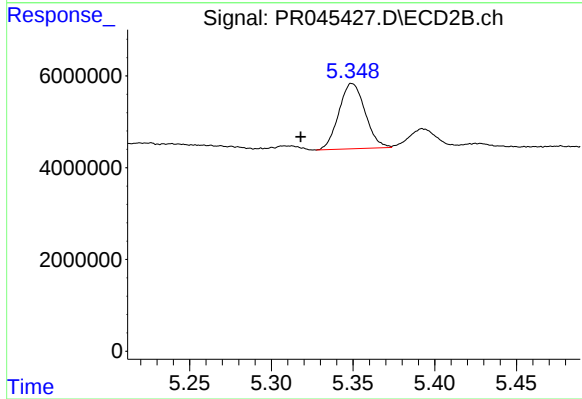
R.T.: 5.111 min
Delta R.T.: -0.028 min
Response: 582792
Conc: 0.85 ng/ml



#5 AR-1016-3

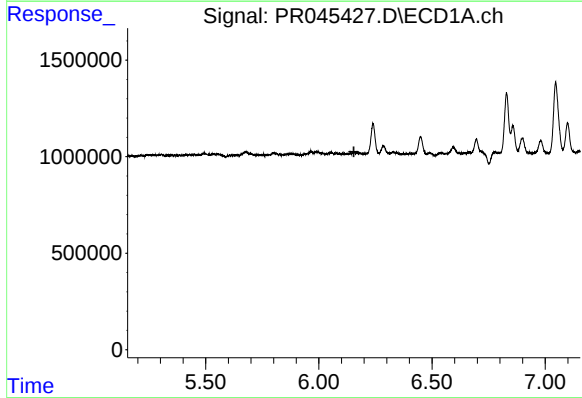
R.T.: 5.990 min
Delta R.T.: -0.062 min
Response: 175040
Conc: 2.87 ng/ml

Instrument :
ECD_R
ClientSampleId :



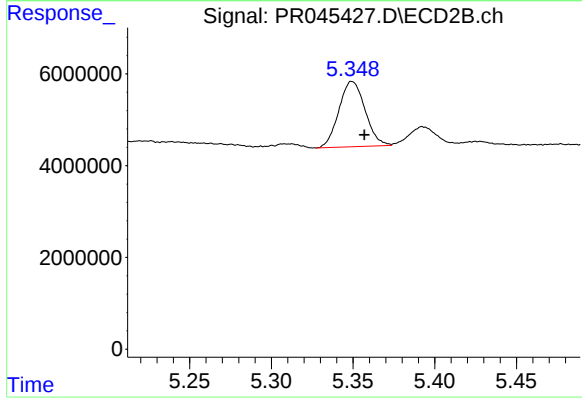
#5 AR-1016-3

R.T.: 5.349 min
Delta R.T.: 0.032 min
Response: 15885475
Conc: 43.89 ng/ml



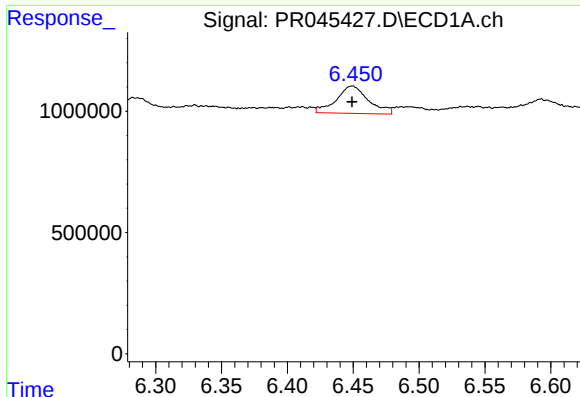
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 6.155 min
Response: 0
Conc: N.D.



#6 AR-1016-4

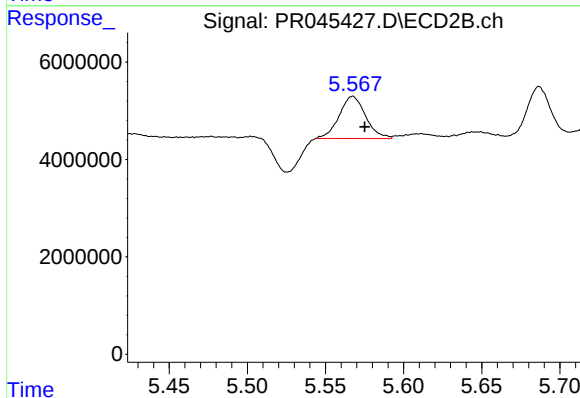
R.T.: 5.349 min
Delta R.T.: -0.007 min
Response: 15885475
Conc: 57.53 ng/ml



#7 AR-1016-5

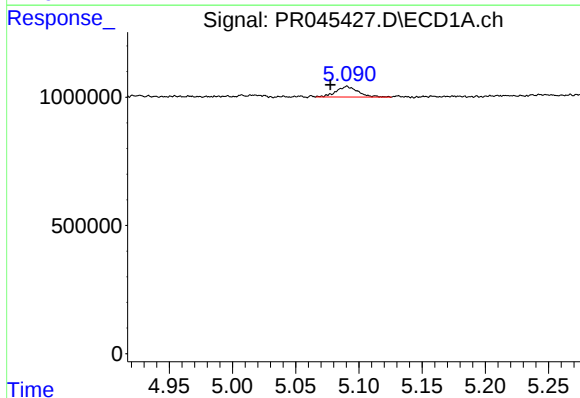
R.T.: 6.449 min
Delta R.T.: 0.000 min
Response: 1928096
Conc: 41.37 ng/ml

Instrument :
ECD_R
ClientSampleId :



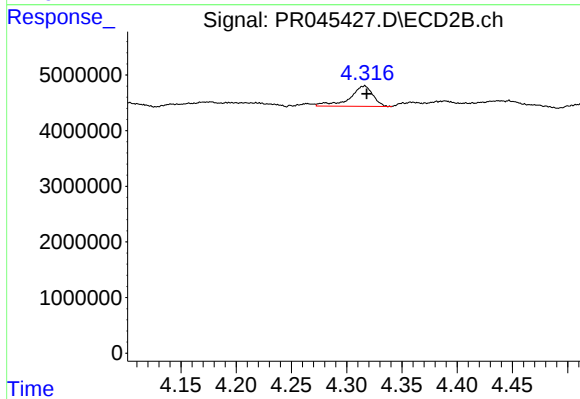
#7 AR-1016-5

R.T.: 5.567 min
Delta R.T.: -0.008 min
Response: 10236353
Conc: 26.20 ng/ml



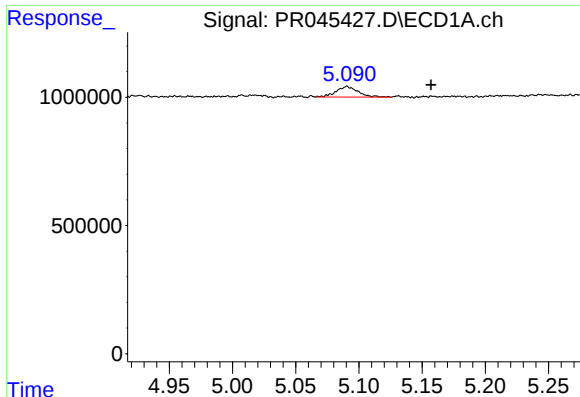
#9 AR-1221-2

R.T.: 5.091 min
Delta R.T.: 0.013 min
Response: 499806
Conc: 34.21 ng/ml



#9 AR-1221-2

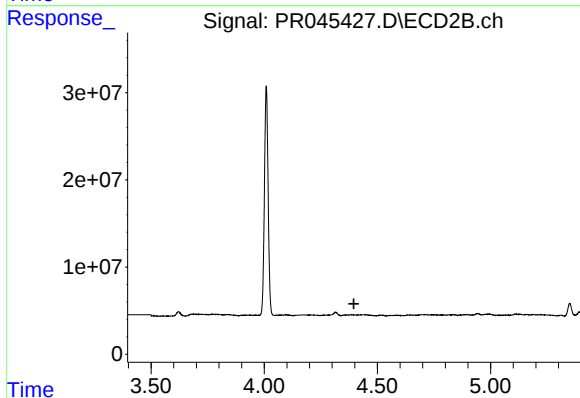
R.T.: 4.316 min
Delta R.T.: -0.002 min
Response: 5354524
Conc: 47.96 ng/ml



#10 AR-1221-3

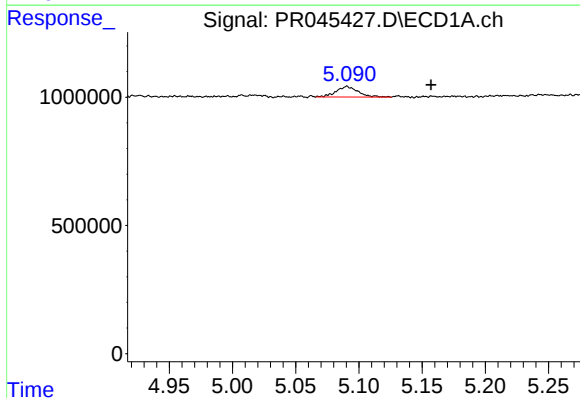
R.T.: 5.091 min
Delta R.T.: -0.066 min
Response: 499806
Conc: 10.53 ng/ml

Instrument :
ECD_R
ClientSampleId :



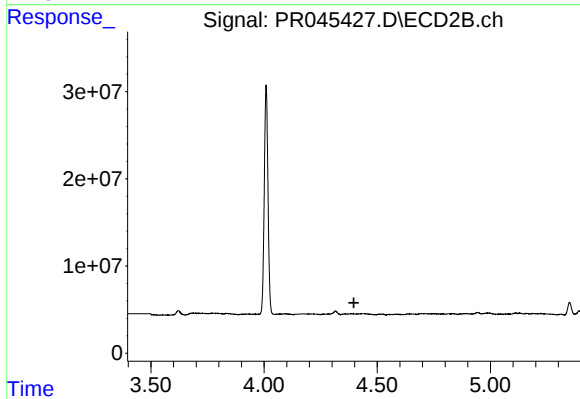
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.396 min
Response: 0
Conc: N.D.



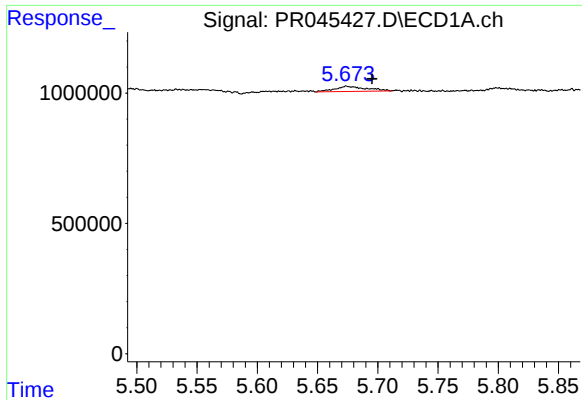
#11 AR-1232-1

R.T.: 5.091 min
Delta R.T.: -0.066 min
Response: 499806
Conc: 13.25 ng/ml



#11 AR-1232-1

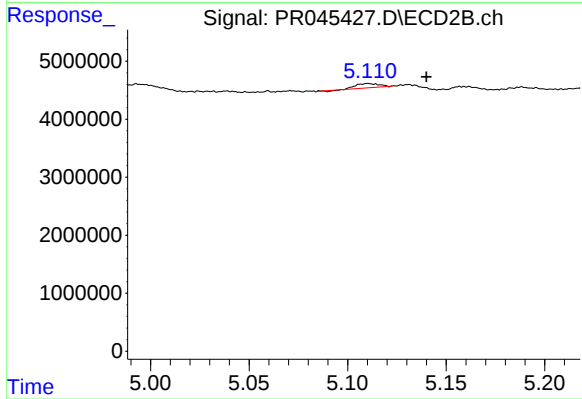
R.T.: 0.000 min
Exp R.T. : 4.397 min
Response: 0
Conc: N.D.



#12 AR-1232-2

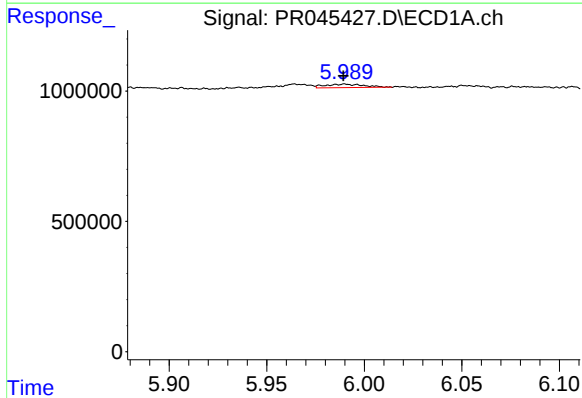
R.T.: 5.674 min
Delta R.T.: -0.021 min
Response: 351828
Conc: 17.87 ng/ml

Instrument :
ECD_R
ClientSampleId :



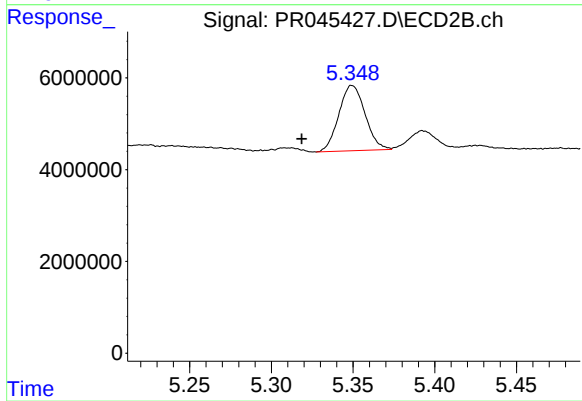
#12 AR-1232-2

R.T.: 5.111 min
Delta R.T.: -0.029 min
Response: 582792
Conc: 1.97 ng/ml



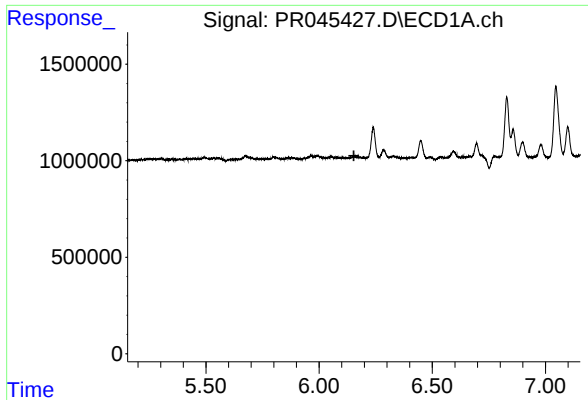
#13 AR-1232-3

R.T.: 5.990 min
Delta R.T.: 0.000 min
Response: 175040
Conc: 4.35 ng/ml



#13 AR-1232-3

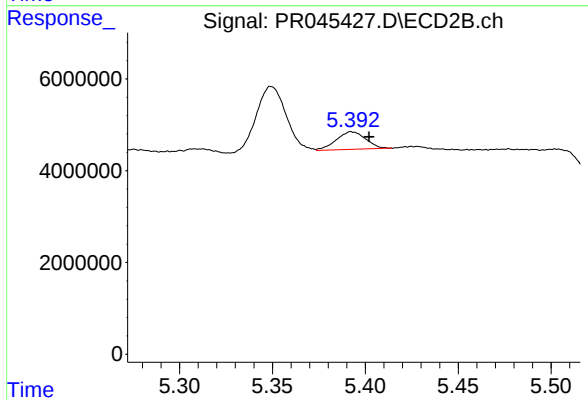
R.T.: 5.349 min
Delta R.T.: 0.031 min
Response: 15885475
Conc: 102.40 ng/ml



#14 AR-1232-4

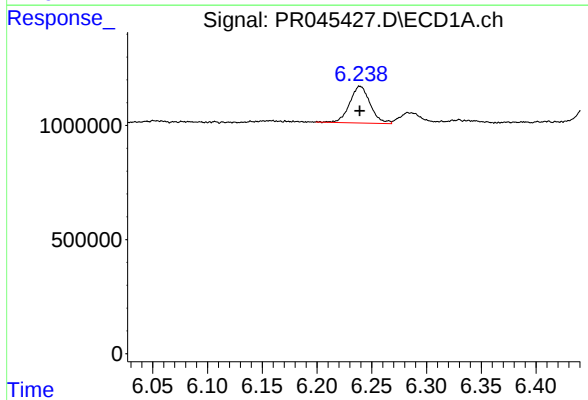
R.T.: 0.000 min
Exp R.T.: 6.154 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



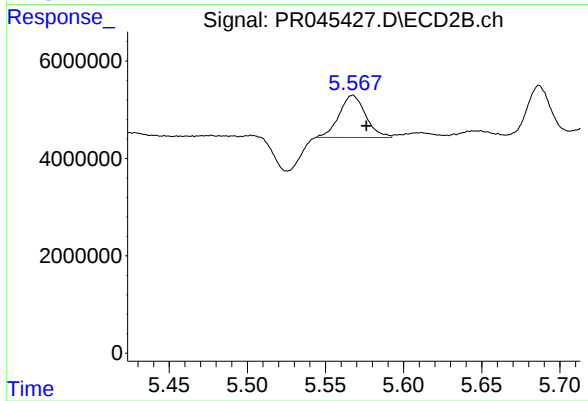
#14 AR-1232-4

R.T.: 5.393 min
Delta R.T.: -0.009 min
Response: 4201468
Conc: 32.19 ng/ml



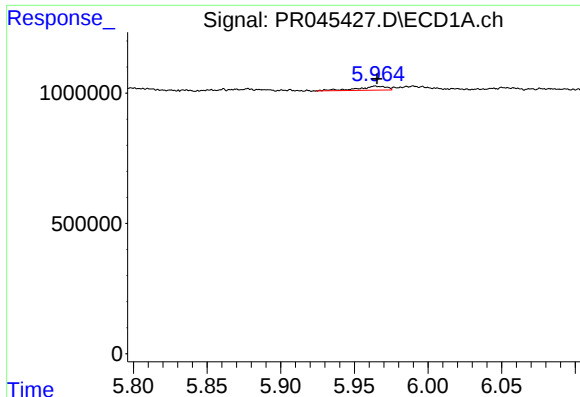
#15 AR-1232-5

R.T.: 6.239 min
Delta R.T.: 0.000 min
Response: 2098613
Conc: 147.33 ng/ml



#15 AR-1232-5

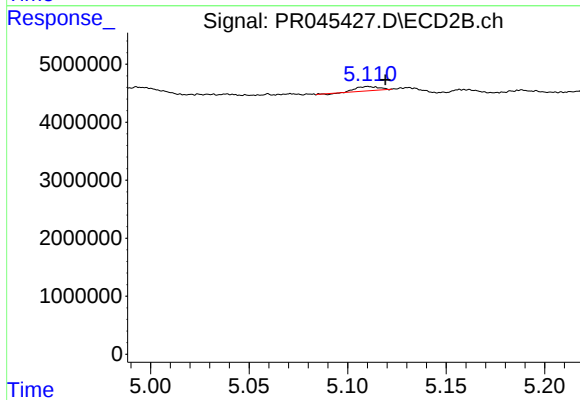
R.T.: 5.567 min
Delta R.T.: -0.009 min
Response: 10236353
Conc: 68.58 ng/ml



#16 AR-1242-1

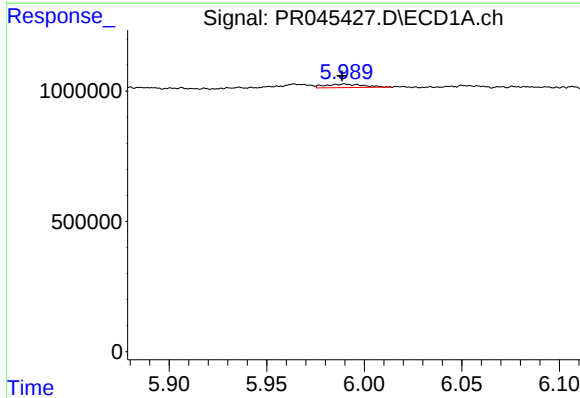
R.T.: 5.964 min
Delta R.T.: -0.001 min
Response: 207120
Conc: 3.96 ng/ml

Instrument :
ECD_R
ClientSampleId :



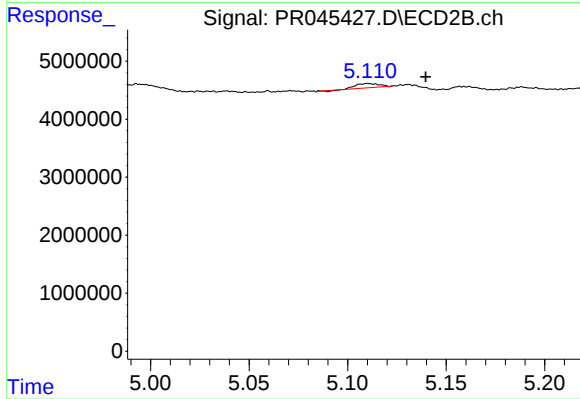
#16 AR-1242-1

R.T.: 5.111 min
Delta R.T.: -0.009 min
Response: 582792
Conc: 1.46 ng/ml



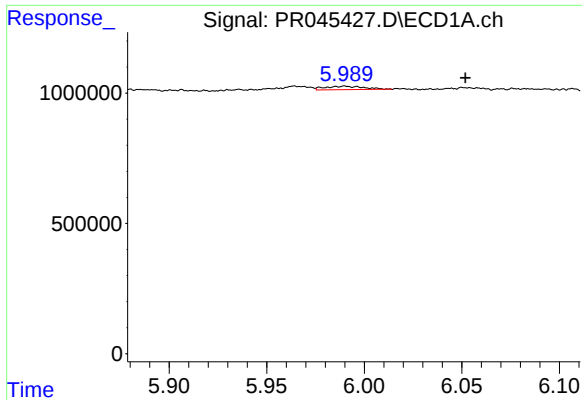
#17 AR-1242-2

R.T.: 5.990 min
Delta R.T.: 0.002 min
Response: 175040
Conc: 2.33 ng/ml



#17 AR-1242-2

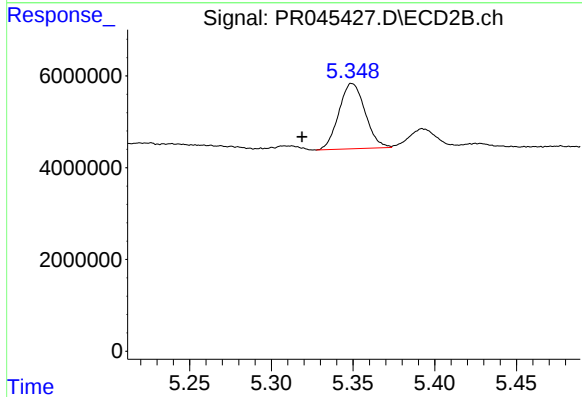
R.T.: 5.111 min
Delta R.T.: -0.029 min
Response: 582792
Conc: 1.06 ng/ml



#18 AR-1242-3

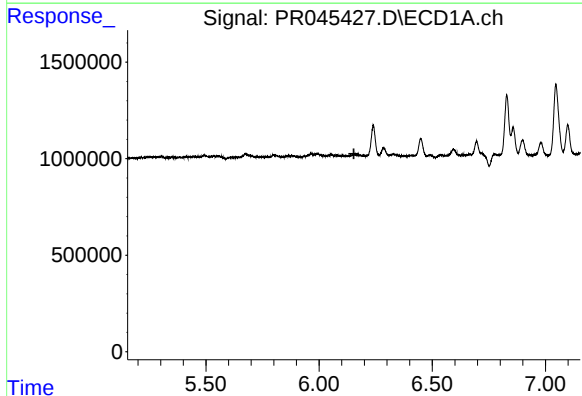
R.T.: 5.990 min
Delta R.T.: -0.062 min
Response: 175040
Conc: 3.83 ng/ml

Instrument :
ECD_R
ClientSampleId :



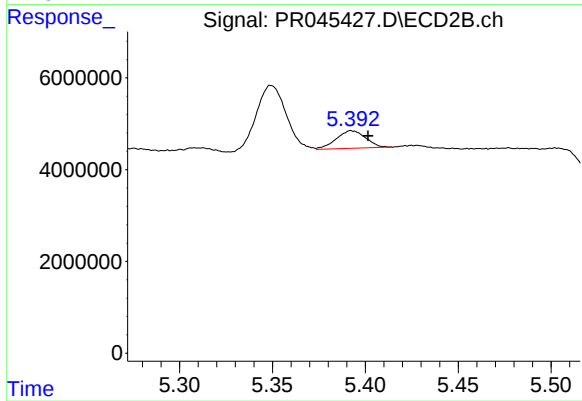
#18 AR-1242-3

R.T.: 5.349 min
Delta R.T.: 0.031 min
Response: 15885475
Conc: 54.60 ng/ml



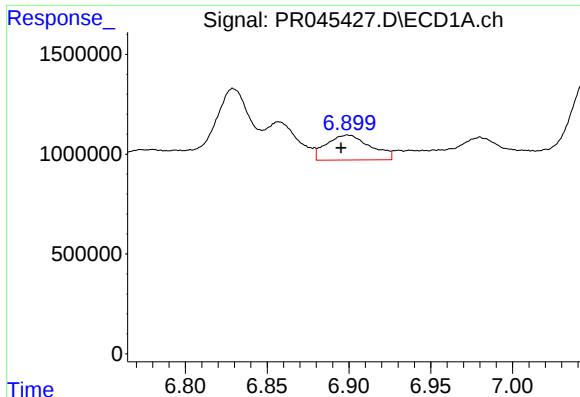
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 6.154 min
Response: 0
Conc: N.D.



#19 AR-1242-4

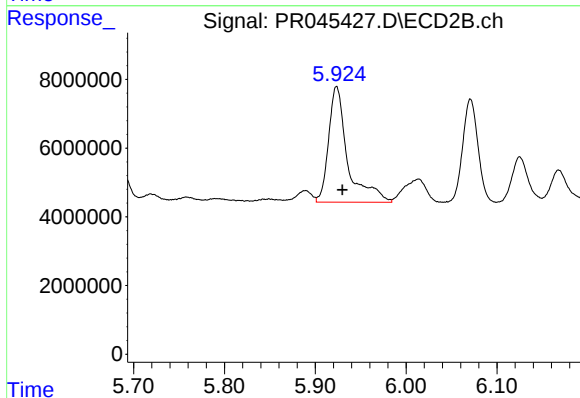
R.T.: 5.393 min
Delta R.T.: -0.009 min
Response: 4201468
Conc: 15.42 ng/ml



#20 AR-1242-5

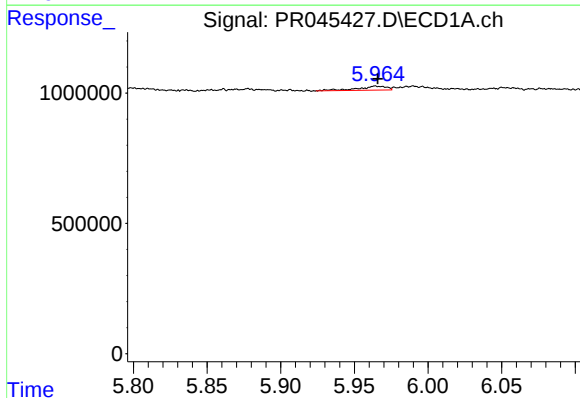
R.T.: 6.899 min
Delta R.T.: 0.004 min
Response: 2348207
Conc: 56.78 ng/ml

Instrument :
ECD_R
ClientSampleId :



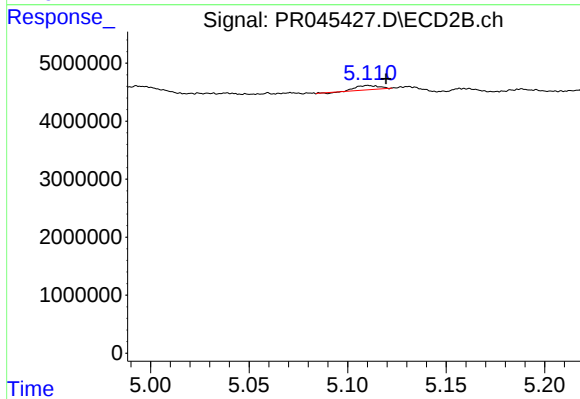
#20 AR-1242-5

R.T.: 5.923 min
Delta R.T.: -0.007 min
Response: 49403662
Conc: 132.90 ng/ml



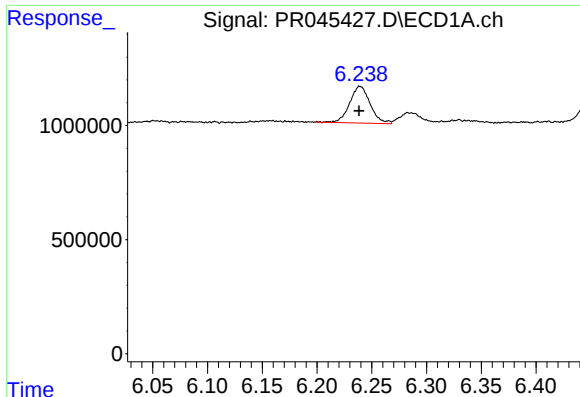
#21 AR-1248-1

R.T.: 5.964 min
Delta R.T.: -0.002 min
Response: 207120
Conc: 4.75 ng/ml



#21 AR-1248-1

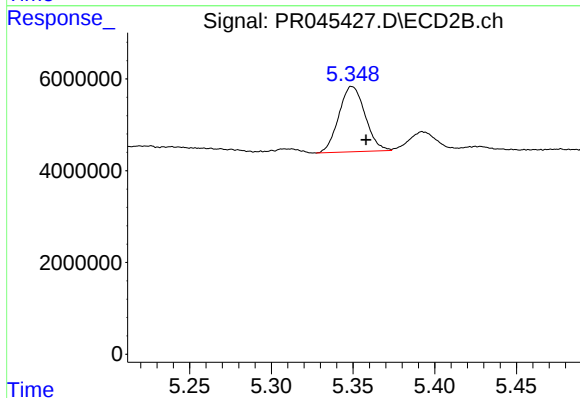
R.T.: 5.111 min
Delta R.T.: -0.009 min
Response: 582792
Conc: 1.77 ng/ml



#22 AR-1248-2

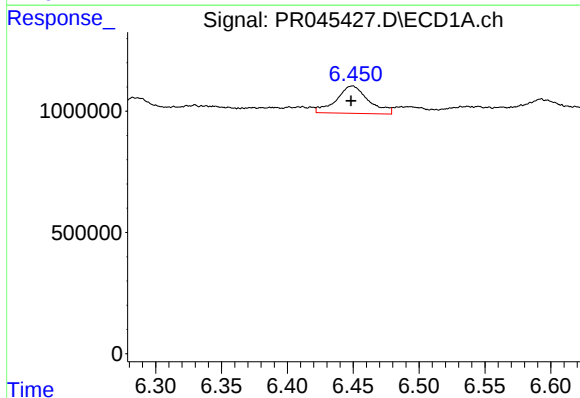
R.T.: 6.239 min
Delta R.T.: 0.001 min
Response: 2098613
Conc: 36.66 ng/ml

Instrument :
ECD_R
ClientSampleId :



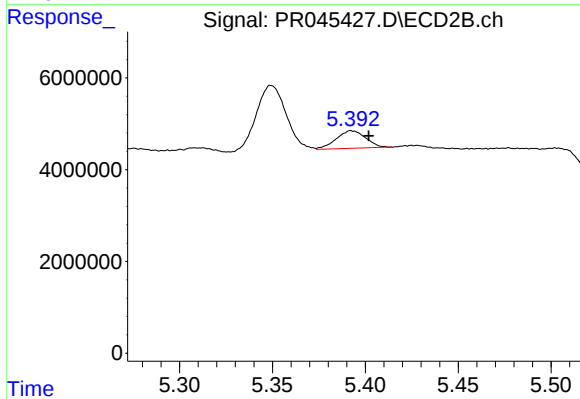
#22 AR-1248-2

R.T.: 5.349 min
Delta R.T.: -0.009 min
Response: 15885475
Conc: 38.65 ng/ml



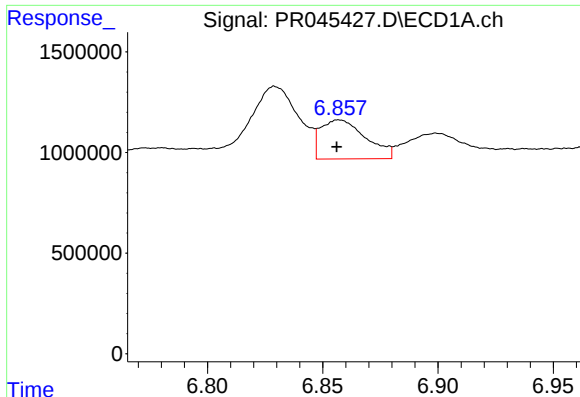
#23 AR-1248-3

R.T.: 6.449 min
Delta R.T.: 0.000 min
Response: 1928096
Conc: 29.55 ng/ml



#23 AR-1248-3

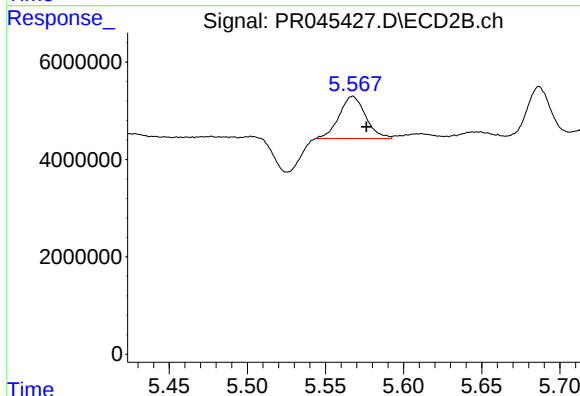
R.T.: 5.393 min
Delta R.T.: -0.009 min
Response: 4201468
Conc: 9.98 ng/ml



#24 AR-1248-4

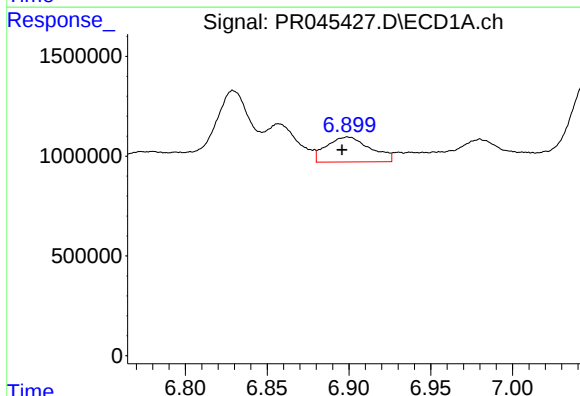
R.T.: 6.857 min
Delta R.T.: 0.001 min
Response: 2648527
Conc: 35.46 ng/ml

Instrument :
ECD_R
ClientSampleId :



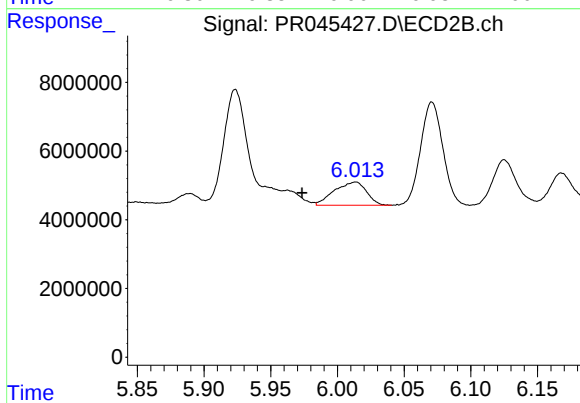
#24 AR-1248-4

R.T.: 5.567 min
Delta R.T.: -0.009 min
Response: 10236353
Conc: 19.37 ng/ml



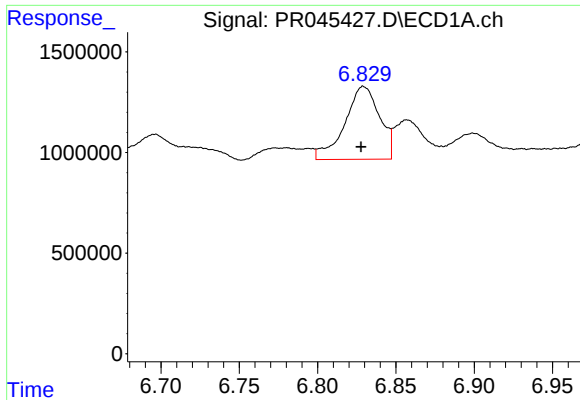
#25 AR-1248-5

R.T.: 6.899 min
Delta R.T.: 0.004 min
Response: 2348207
Conc: 33.10 ng/ml



#25 AR-1248-5

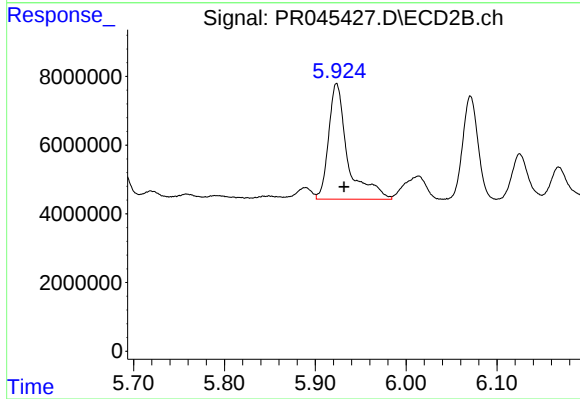
R.T.: 6.014 min
Delta R.T.: 0.040 min
Response: 11300048
Conc: 21.52 ng/ml



#26 AR-1254-1

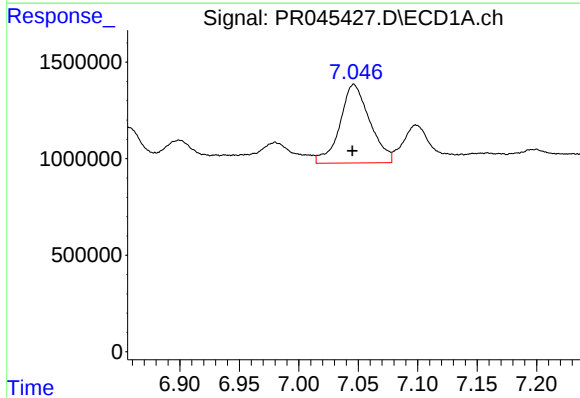
R.T.: 6.829 min
Delta R.T.: 0.002 min
Response: 5586241
Conc: 81.35 ng/ml

Instrument :
ECD_R
ClientSampleId :



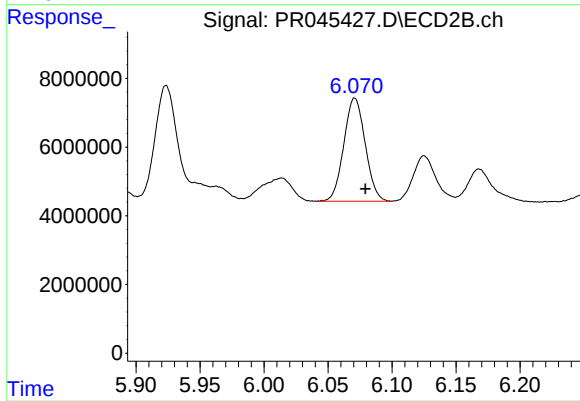
#26 AR-1254-1

R.T.: 5.923 min
Delta R.T.: -0.008 min
Response: 49403662
Conc: 65.71 ng/ml



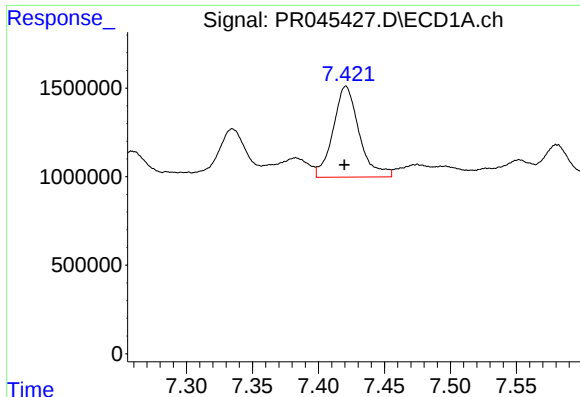
#27 AR-1254-2

R.T.: 7.046 min
Delta R.T.: 0.001 min
Response: 7105297
Conc: 65.98 ng/ml



#27 AR-1254-2

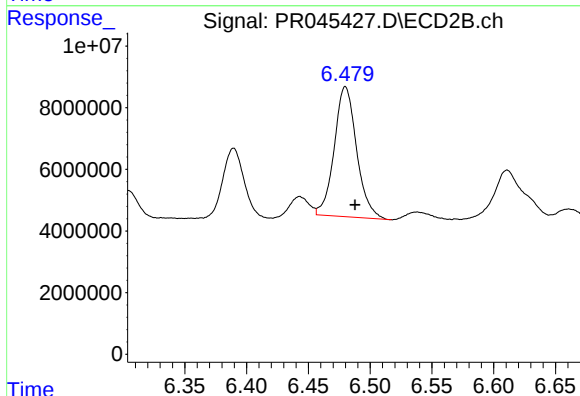
R.T.: 6.071 min
Delta R.T.: -0.008 min
Response: 34927970
Conc: 54.06 ng/ml



#28 AR-1254-3

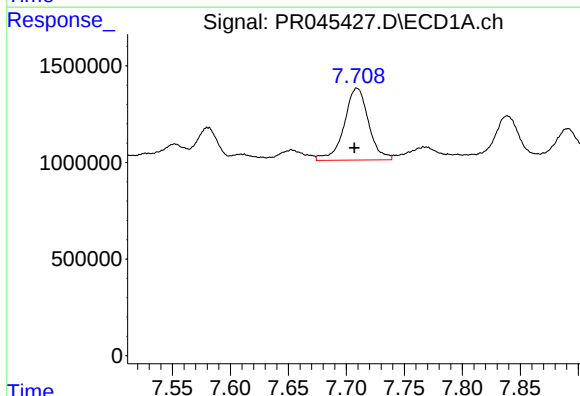
R.T.: 7.421 min
Delta R.T.: 0.001 min
Response: 7052805
Conc: 59.50 ng/ml

Instrument :
ECD_R
ClientSampleId :



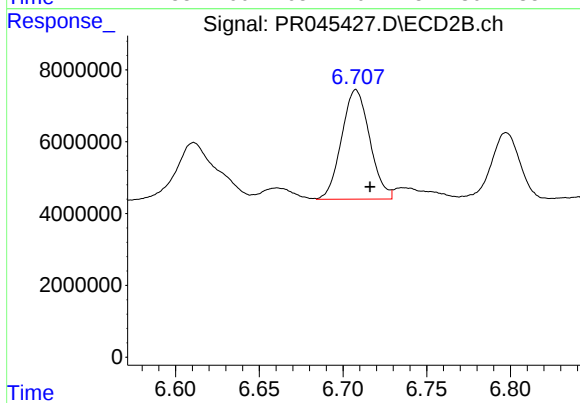
#28 AR-1254-3

R.T.: 6.480 min
Delta R.T.: -0.008 min
Response: 53319454
Conc: 48.87 ng/ml



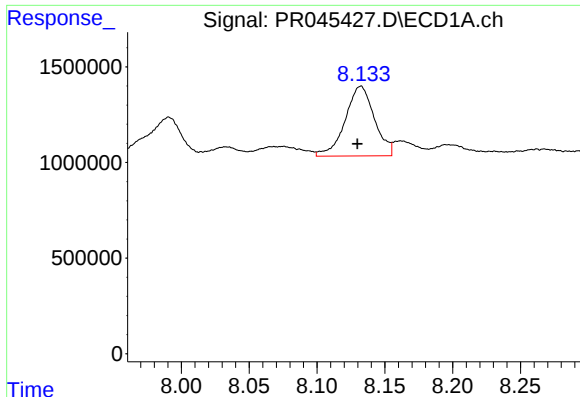
#29 AR-1254-4

R.T.: 7.709 min
Delta R.T.: 0.002 min
Response: 5425915
Conc: 60.23 ng/ml



#29 AR-1254-4

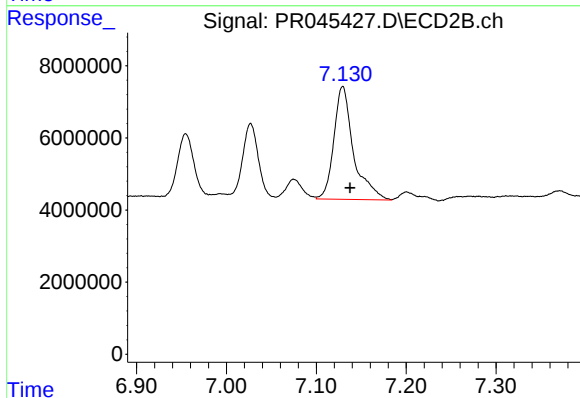
R.T.: 6.708 min
Delta R.T.: -0.009 min
Response: 35746183
Conc: 50.29 ng/ml



#30 AR-1254-5

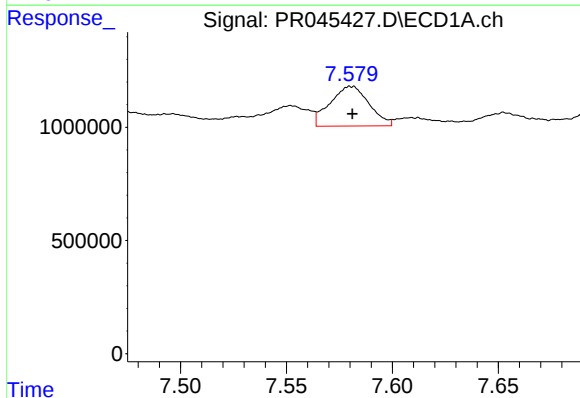
R.T.: 8.132 min
Delta R.T.: 0.002 min
Response: 5468510
Conc: 55.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



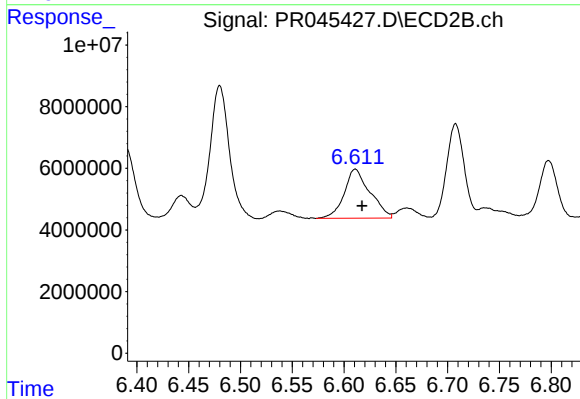
#30 AR-1254-5

R.T.: 7.129 min
Delta R.T.: -0.008 min
Response: 47593567
Conc: 50.96 ng/ml



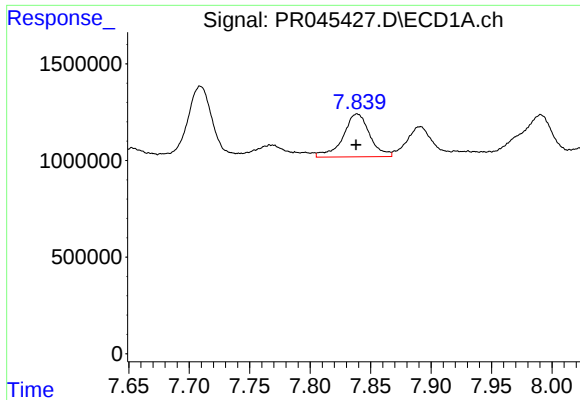
#31 AR-1260-1

R.T.: 7.581 min
Delta R.T.: 0.000 min
Response: 2243670
Conc: 26.56 ng/ml



#31 AR-1260-1

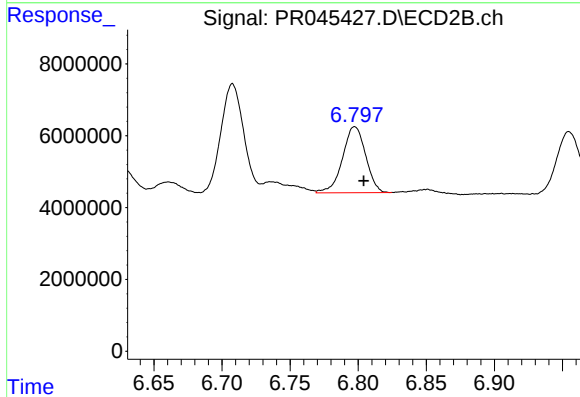
R.T.: 6.611 min
Delta R.T.: -0.007 min
Response: 27509103
Conc: 40.83 ng/ml



#32 AR-1260-2

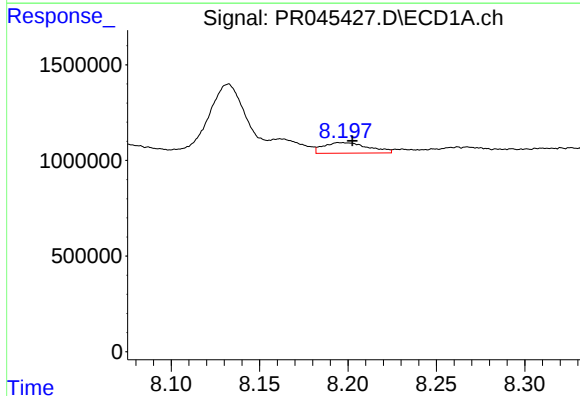
R.T.: 7.839 min
Delta R.T.: 0.000 min
Response: 3406191
Conc: 32.55 ng/ml

Instrument :
ECD_R
ClientSampleId :



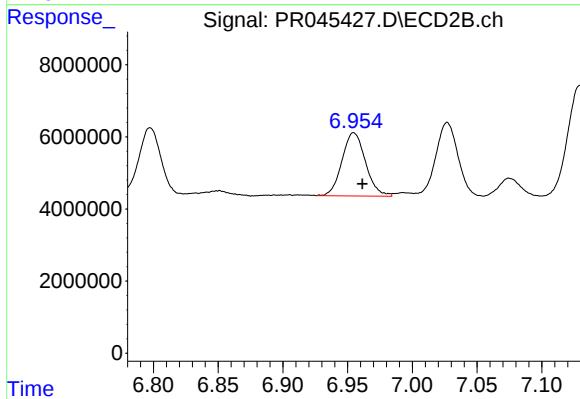
#32 AR-1260-2

R.T.: 6.798 min
Delta R.T.: -0.006 min
Response: 21719702
Conc: 26.87 ng/ml



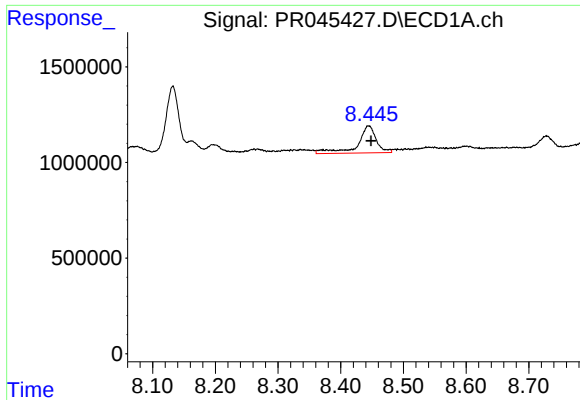
#33 AR-1260-3

R.T.: 8.196 min
Delta R.T.: -0.007 min
Response: 980697
Conc: 12.19 ng/ml



#33 AR-1260-3

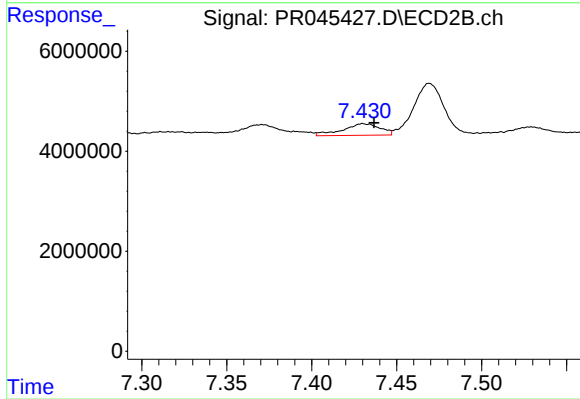
R.T.: 6.955 min
Delta R.T.: -0.007 min
Response: 22205759
Conc: 29.03 ng/ml



#34 AR-1260-4

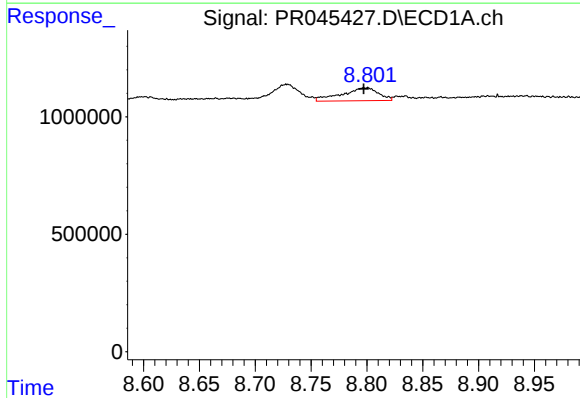
R.T.: 8.445 min
Delta R.T.: -0.004 min
Response: 2911502
Conc: 30.14 ng/ml

Instrument :
ECD_R
ClientSampleId :



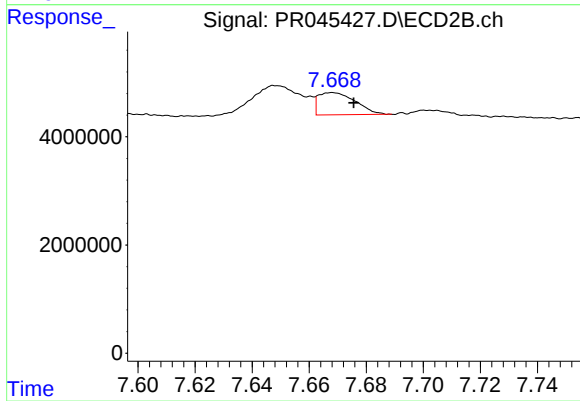
#34 AR-1260-4

R.T.: 7.430 min
Delta R.T.: -0.006 min
Response: 3559927
Conc: 5.50 ng/ml



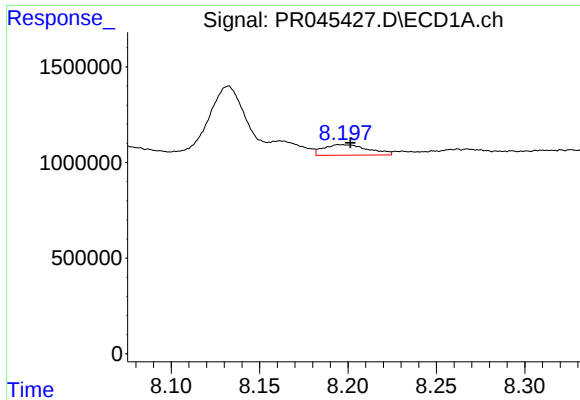
#35 AR-1260-5

R.T.: 8.798 min
Delta R.T.: 0.001 min
Response: 1253197
Conc: 6.29 ng/ml



#35 AR-1260-5

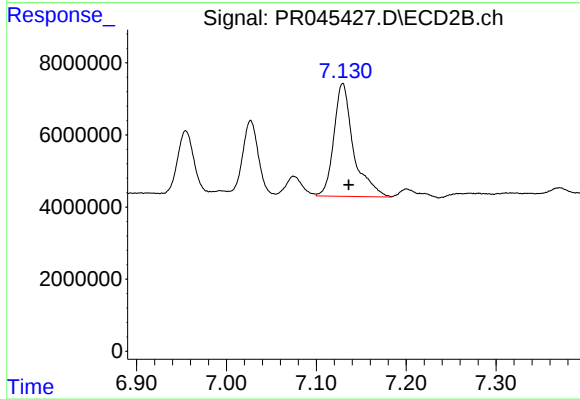
R.T.: 7.668 min
Delta R.T.: -0.007 min
Response: 3716775
Conc: 2.30 ng/ml



#36 AR-1262-1

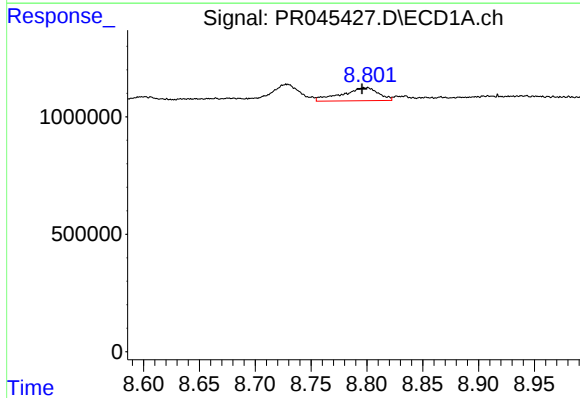
R.T.: 8.196 min
Delta R.T.: -0.006 min
Response: 980697
Conc: 8.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



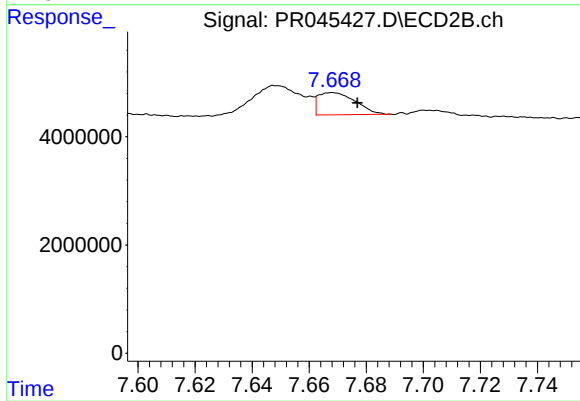
#36 AR-1262-1

R.T.: 7.129 min
Delta R.T.: -0.007 min
Response: 47593567
Conc: 96.44 ng/ml



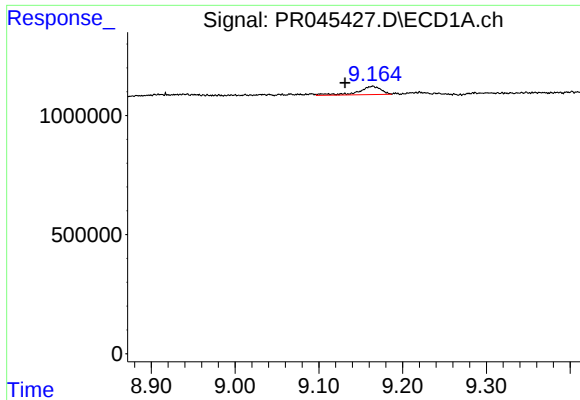
#37 AR-1262-2

R.T.: 8.798 min
Delta R.T.: 0.003 min
Response: 1253197
Conc: 5.71 ng/ml



#37 AR-1262-2

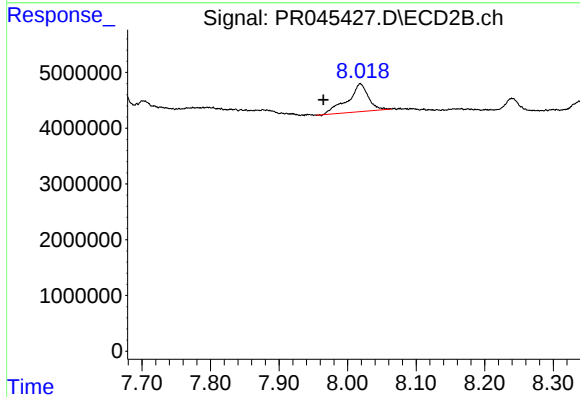
R.T.: 7.668 min
Delta R.T.: -0.009 min
Response: 3716775
Conc: 2.06 ng/ml



#38 AR-1262-3

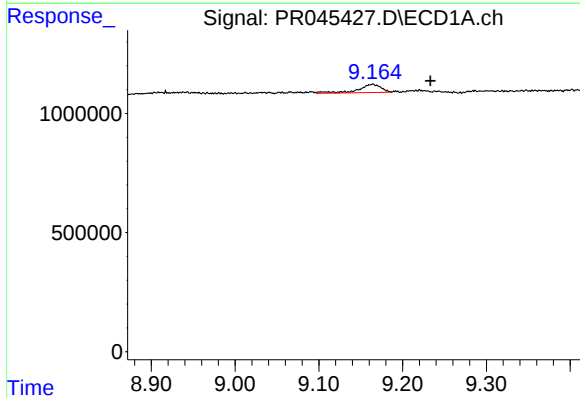
R.T.: 9.164 min
Delta R.T.: 0.033 min
Response: 650132
Conc: 6.80 ng/ml

Instrument :
ECD_R
ClientSampleId :



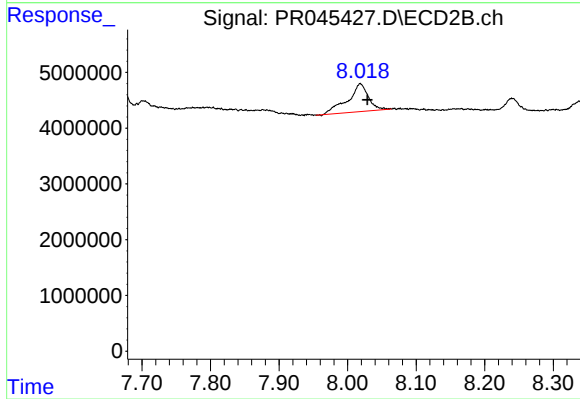
#38 AR-1262-3

R.T.: 8.019 min
Delta R.T.: 0.054 min
Response: 10493238
Conc: 15.54 ng/ml



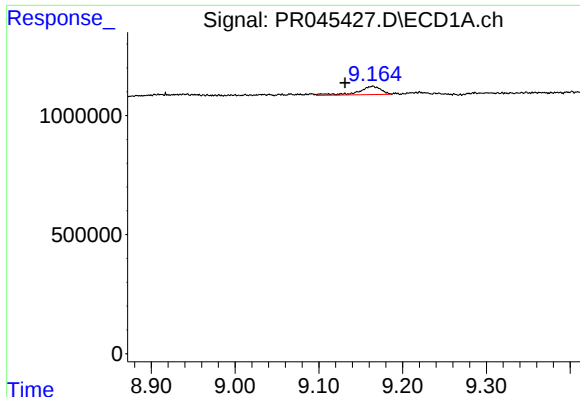
#39 AR-1262-4

R.T.: 9.164 min
Delta R.T.: -0.069 min
Response: 650132
Conc: 5.91 ng/ml



#39 AR-1262-4

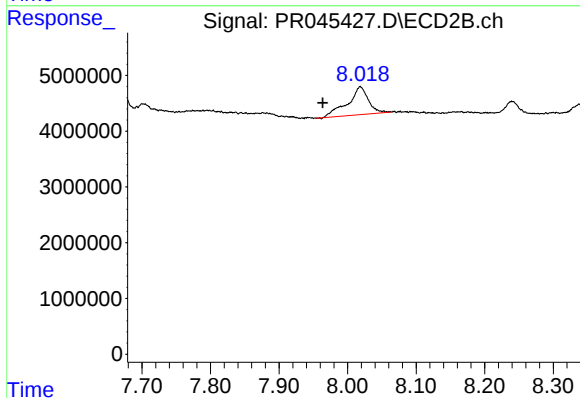
R.T.: 8.019 min
Delta R.T.: -0.010 min
Response: 10493238
Conc: 8.12 ng/ml



#41 AR-1268-1

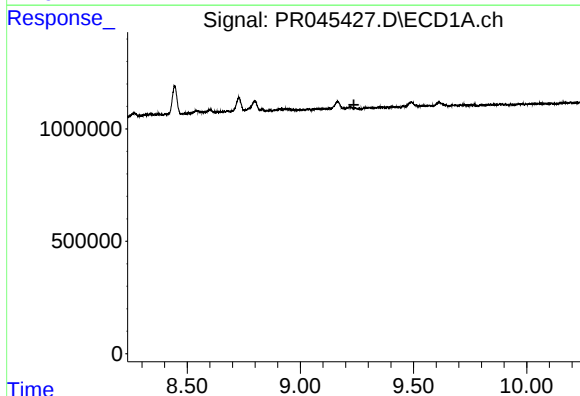
R.T.: 9.164 min
Delta R.T.: 0.033 min
Response: 650132
Conc: 2.49 ng/ml

Instrument :
ECD_R
ClientSampleId :



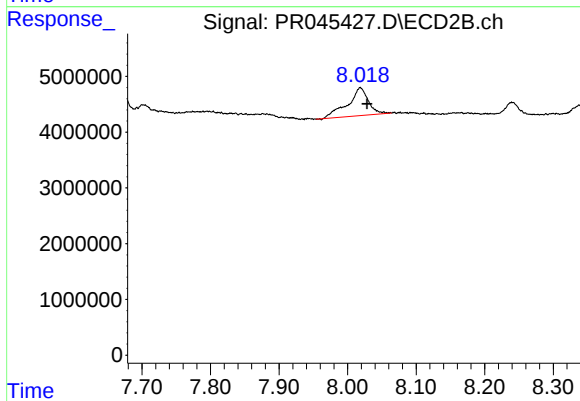
#41 AR-1268-1

R.T.: 8.019 min
Delta R.T.: 0.055 min
Response: 10493238
Conc: 5.17 ng/ml



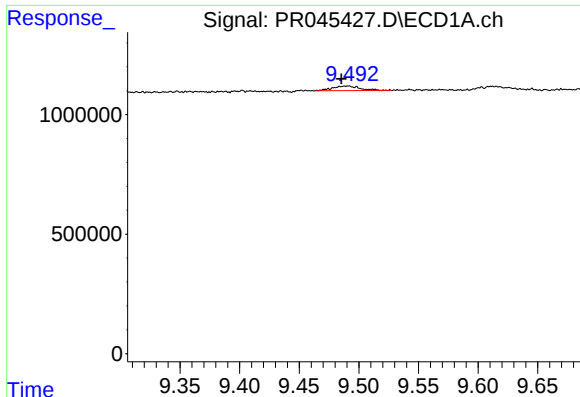
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 9.236 min
Response: 0
Conc: N.D.



#42 AR-1268-2

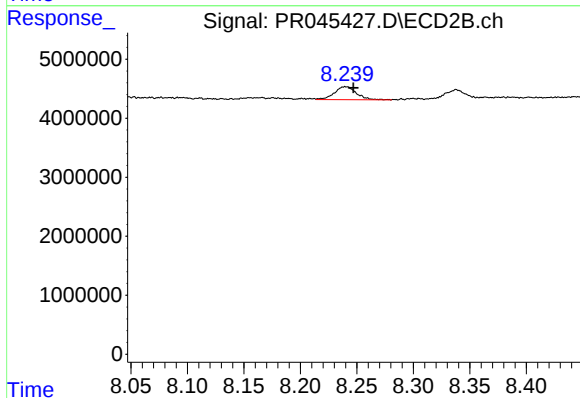
R.T.: 8.019 min
Delta R.T.: -0.010 min
Response: 10493238
Conc: 5.45 ng/ml



#43 AR-1268-3

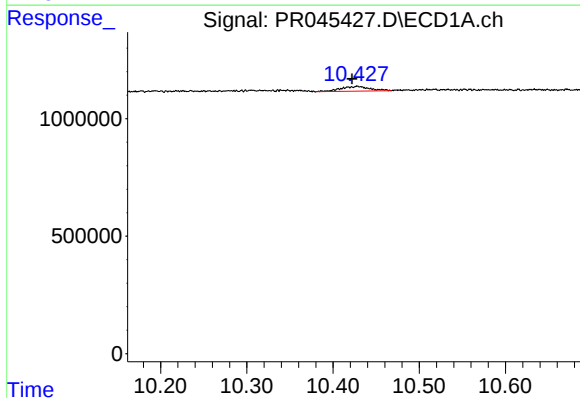
R.T.: 9.491 min
Delta R.T.: 0.005 min
Response: 317907
Conc: 1.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



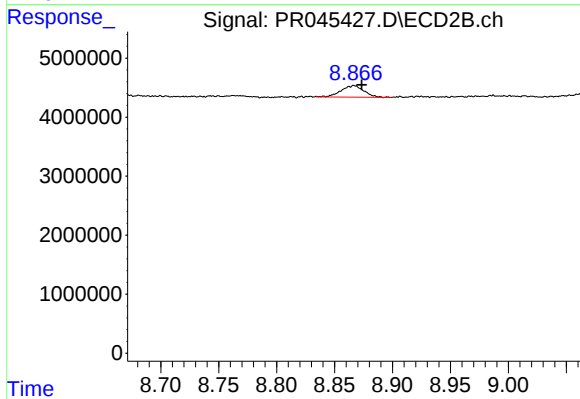
#43 AR-1268-3

R.T.: 8.240 min
Delta R.T.: -0.007 min
Response: 2991155
Conc: 1.89 ng/ml



#45 AR-1268-5

R.T.: 10.428 min
Delta R.T.: 0.006 min
Response: 472702
Conc: 0.68 ng/ml



#45 AR-1268-5

R.T.: 8.867 min
Delta R.T.: -0.006 min
Response: 2702251
Conc: 0.54 ng/ml