

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR072821\
 Data File : PR051448.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jul 2021 23:57
 Operator : AJ\MA
 Sample : M2940-07
 Misc : AR1242 LOD 40 PPB
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 29 04:58:12 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR072721.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 28 02:51:26 2021
 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...	4.628	3.808	147.2E6	137.3E6	18.005	18.470
2)	SA Decachlor...	10.500	8.828	189.9E6	140.6E6	19.770	17.591
Target Compounds							
3)	L1 AR-1016-1	5.811	4.895	9455242	7695848	26.061	26.155
4)	L1 AR-1016-2	5.833	4.912	12270119	9403953	23.650	22.273
5)	L1 AR-1016-3	5.896	5.088	8227611	4886153	27.115	21.947
6)	L1 AR-1016-4	5.997	5.131	6195543	4993214	24.113	29.481
7)	L1 AR-1016-5	6.289	5.343	6542902	5439802	26.409	24.606
8)	L2 AR-1221-1	4.851	4.028	2129509	1099042	24.178	14.971 #
9)	L2 AR-1221-2	4.937	4.108	3128168	3556702	46.510	60.306 #
10)	L2 AR-1221-3	5.009	4.182	4770208	3584984	22.191	18.842
11)	L3 AR-1232-1	5.009	4.182	4770208	3584984	26.421	22.202
12)	L3 AR-1232-2	5.542	4.912	6089450	9403953	62.641	56.098
13)	L3 AR-1232-3	5.833	5.088	12270119	4886153	58.696	56.068
14)	L3 AR-1232-4	5.997	5.172	6195543	5005493	60.004	68.051
15)	L3 AR-1232-5	6.082	5.343	5535281	5439802	73.698	66.857
16)	L4 AR-1242-1	5.811	4.895	9455242	7695848	36.942	37.133
17)	L4 AR-1242-2	5.833	4.912	12270119	9403953	32.457	31.012
18)	L4 AR-1242-3	5.896	5.088	8227611	4886153	37.399	30.616
19)	L4 AR-1242-4	5.997	5.172	6195543	5005493	33.234	33.876
20)	L4 AR-1242-5	6.734	5.692	10909145	6473374	49.840	32.281 #
21)	L5 AR-1248-1	5.811	4.895	9455242	7695848	44.839	45.110
22)	L5 AR-1248-2	6.082	5.131	5535281	4993214	18.906	21.800
23)	L5 AR-1248-3	6.289	5.172	6542902	5005493	19.578	21.027
24)	L5 AR-1248-4	6.696	5.343	9117031	5439802	21.931	18.959
25)	L5 AR-1248-5	6.734	5.734	10909145	5546508	27.348	18.097 #
26)	L6 AR-1254-1	6.667	5.692	7553724	6473374	21.312	15.760 #
27)	L6 AR-1254-2	6.893	5.840	11587730	1798403	20.615	5.170 #
28)	L6 AR-1254-3	7.258	6.242	11318991	2635516	18.907	4.374 #
29)	L6 AR-1254-4	7.542	6.467	12572829	1419113	25.577	3.780 #
30)	L6 AR-1254-5	7.960	6.884	3056065	555263	6.451	1.075 #
31)	L7 AR-1260-1	7.438f	6.360	5640453	969628	11.821	2.353 #
32)	L7 AR-1260-2	7.682	6.538f	6187512	1307561	9.797	2.586 #
33)	L7 AR-1260-3	8.024	6.712	1163023	521383	2.326	1.065 #
34)	L7 AR-1260-4	8.263	7.183	1971067	345273	3.849	0.845 #
35)	L7 AR-1260-5	8.599	7.421	2623281	658760	2.276	0.629 #
36)	L8 AR-1262-1	8.024	6.884	1163023	555263	1.771	2.008
37)	L8 AR-1262-2	8.599	7.421	2623281	658760	2.184	0.649 #
38)	L8 AR-1262-3	0.000	7.714	0	1908041	N.D.	5.186 #
39)	L8 AR-1262-4	9.036	7.765	1225328	1048103	2.104	1.438 #
41)	L9 AR-1268-1	0.000	7.714	0	1908041	N.D.	1.771 #
42)	L9 AR-1268-2	9.036	7.765	1225328	1048103	0.960	1.053

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Instrument :
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 29 04:58:12 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR072721.M
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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	9.263	0.000	9736979	0	8.722	N.D. #
45) L9	AR-1268-5	10.149	8.567	3157307	1554702	0.863	0.559 #

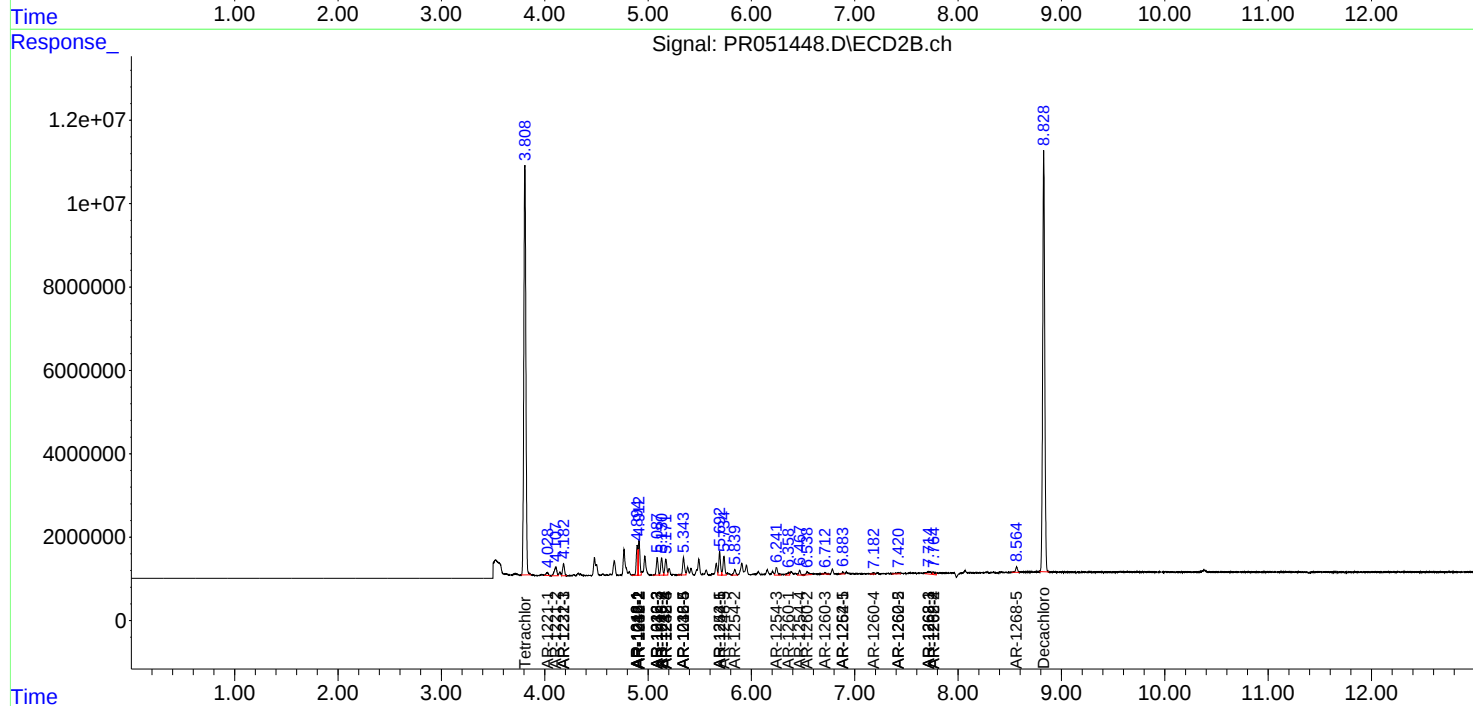
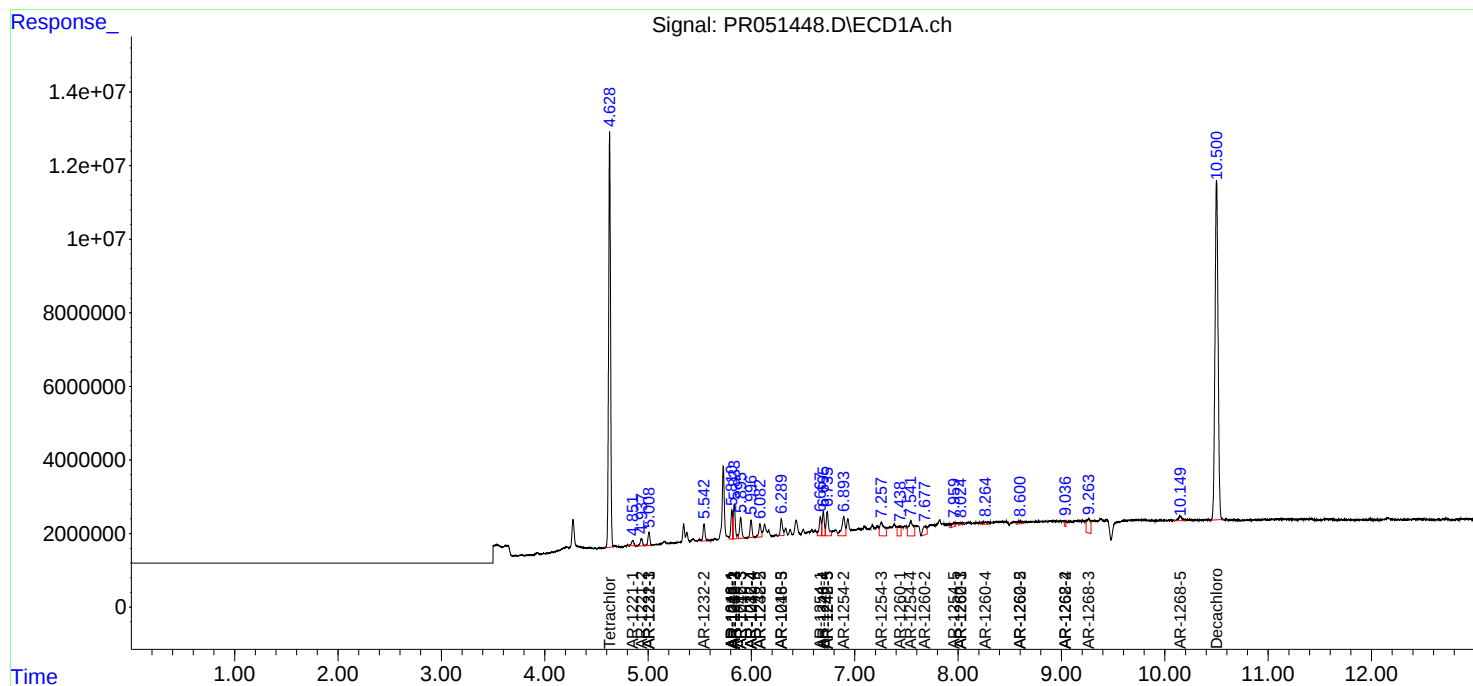
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

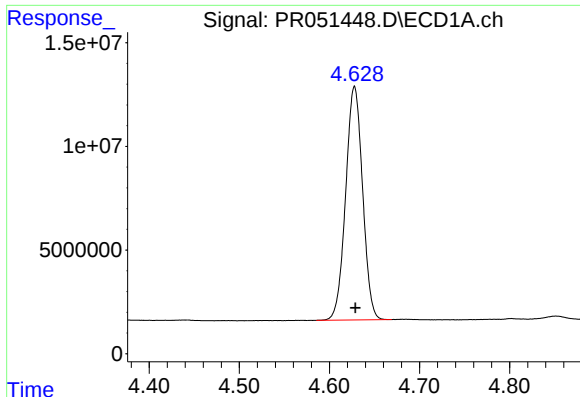
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR072821\
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

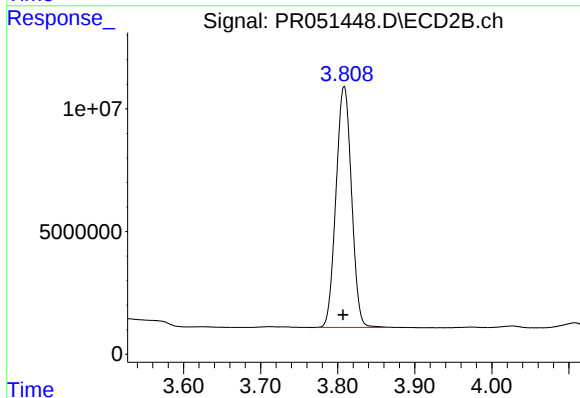




#1 Tetrachloro-m-xylene

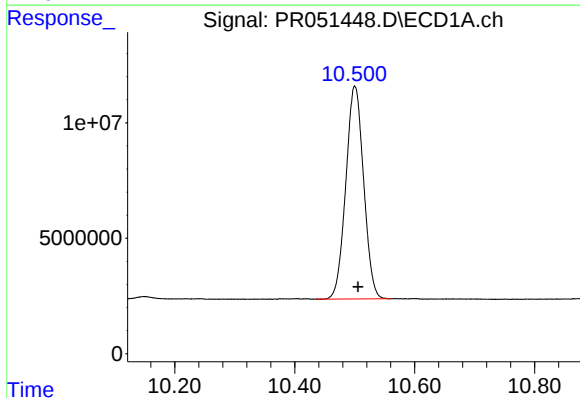
R.T.: 4.628 min
Delta R.T.: -0.001 min
Response: 147150584
Conc: 18.00 ng/ml

Instrument :
ECD_R
ClientSampleId :



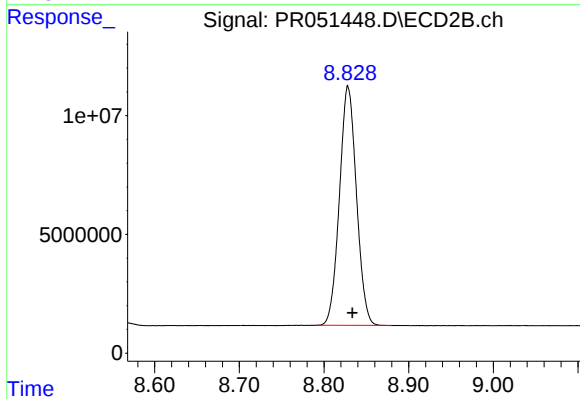
#1 Tetrachloro-m-xylene

R.T.: 3.808 min
Delta R.T.: 0.001 min
Response: 137336405
Conc: 18.47 ng/ml



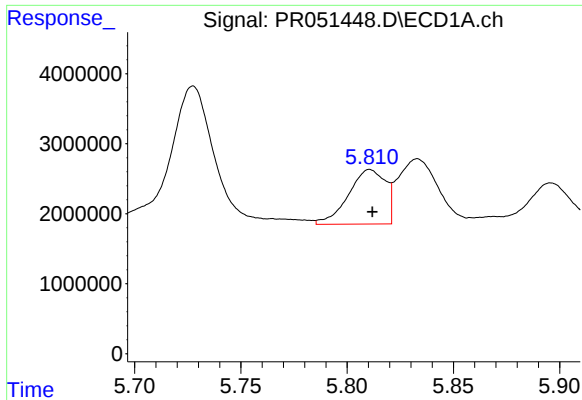
#2 Decachlorobiphenyl

R.T.: 10.500 min
Delta R.T.: -0.006 min
Response: 189897602
Conc: 19.77 ng/ml



#2 Decachlorobiphenyl

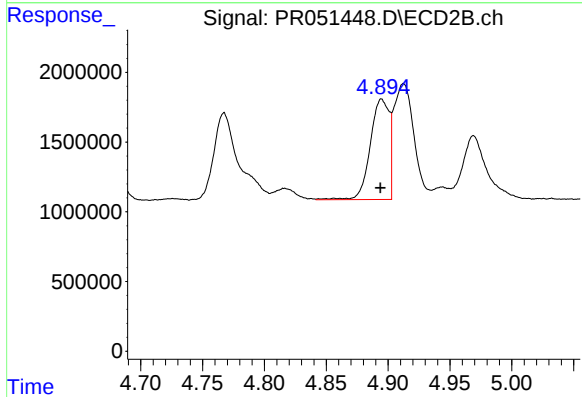
R.T.: 8.828 min
Delta R.T.: -0.005 min
Response: 140646046
Conc: 17.59 ng/ml



#3 AR-1016-1

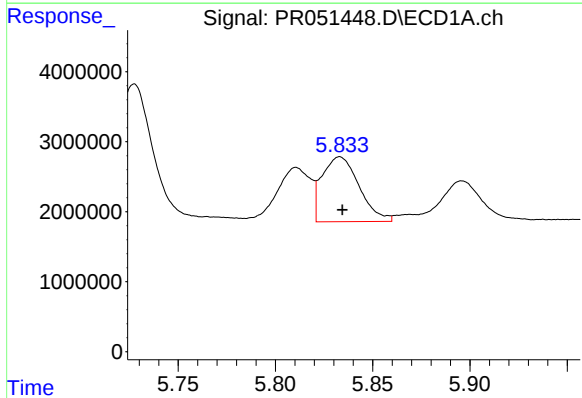
R.T.: 5.811 min
Delta R.T.: -0.001 min
Response: 9455242
Conc: 26.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



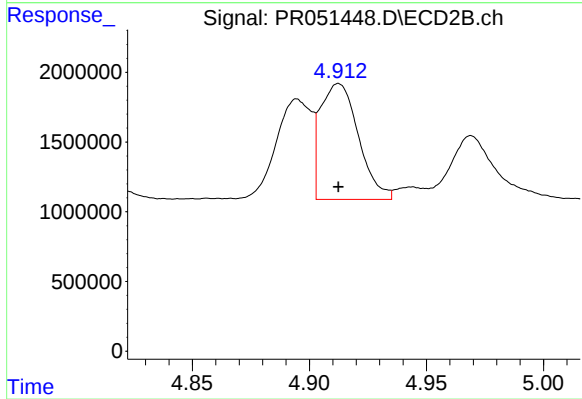
#3 AR-1016-1

R.T.: 4.895 min
Delta R.T.: 0.001 min
Response: 7695848
Conc: 26.15 ng/ml



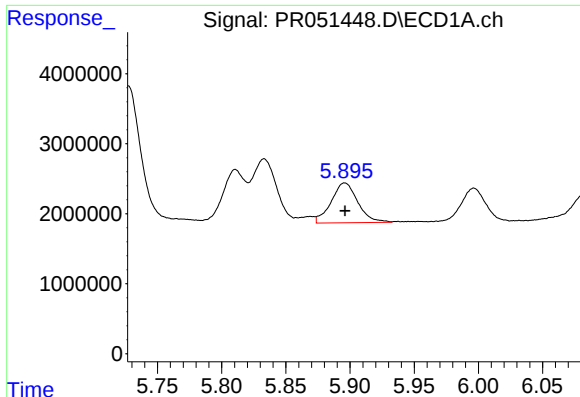
#4 AR-1016-2

R.T.: 5.833 min
Delta R.T.: -0.001 min
Response: 12270119
Conc: 23.65 ng/ml



#4 AR-1016-2

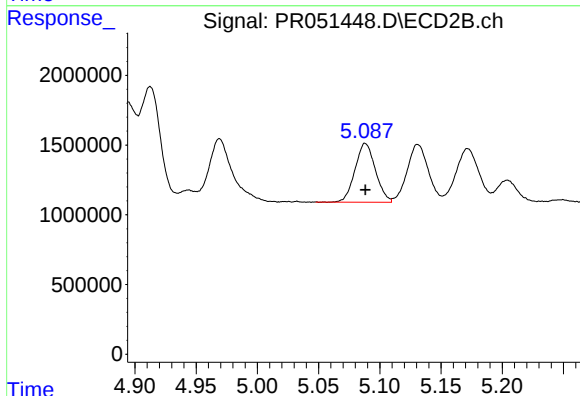
R.T.: 4.912 min
Delta R.T.: 0.000 min
Response: 9403953
Conc: 22.27 ng/ml



#5 AR-1016-3

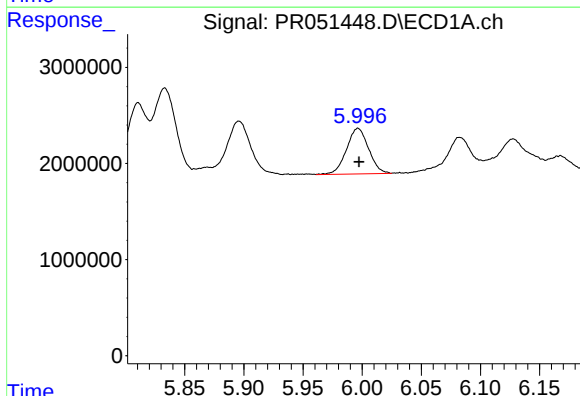
R.T.: 5.896 min
Delta R.T.: 0.000 min
Response: 8227611
Conc: 27.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



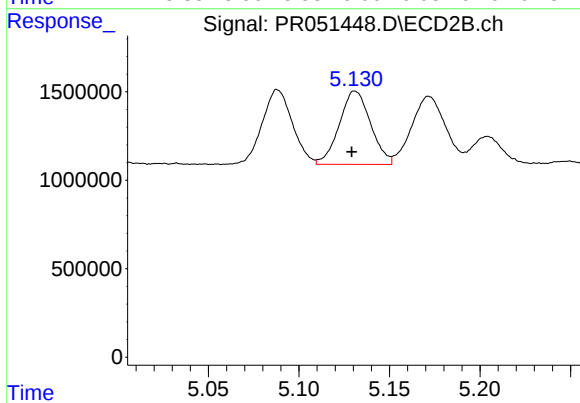
#5 AR-1016-3

R.T.: 5.088 min
Delta R.T.: 0.000 min
Response: 4886153
Conc: 21.95 ng/ml



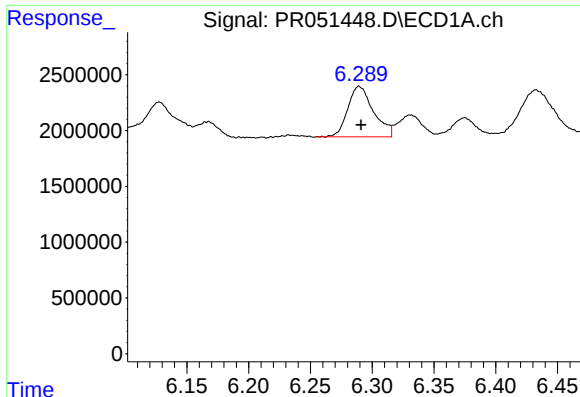
#6 AR-1016-4

R.T.: 5.997 min
Delta R.T.: 0.000 min
Response: 6195543
Conc: 24.11 ng/ml



#6 AR-1016-4

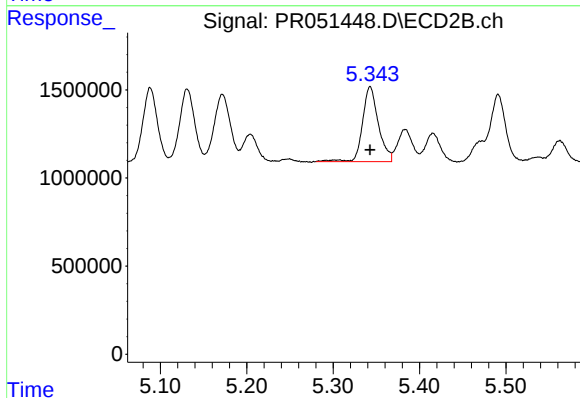
R.T.: 5.131 min
Delta R.T.: 0.002 min
Response: 4993214
Conc: 29.48 ng/ml



#7 AR-1016-5

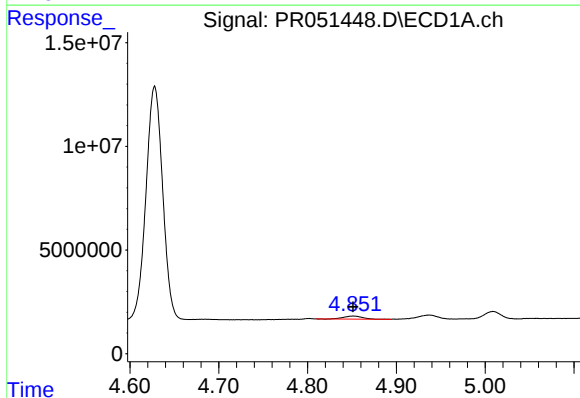
R.T.: 6.289 min
Delta R.T.: -0.002 min
Response: 6542902
Conc: 26.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



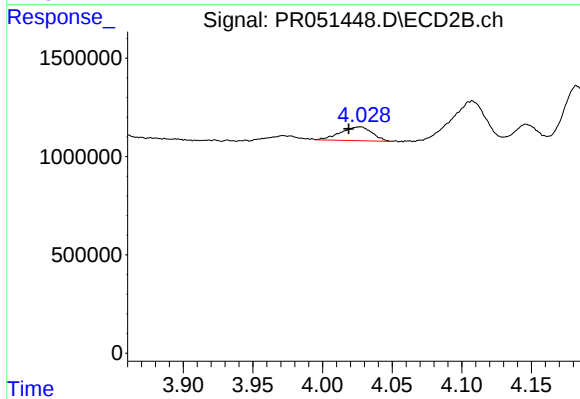
#7 AR-1016-5

R.T.: 5.343 min
Delta R.T.: 0.000 min
Response: 5439802
Conc: 24.61 ng/ml



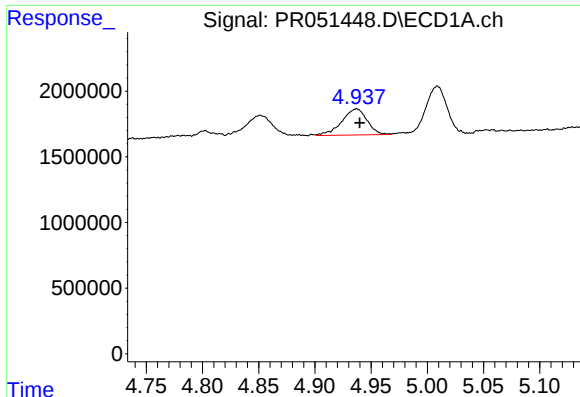
#8 AR-1221-1

R.T.: 4.851 min
Delta R.T.: 0.000 min
Response: 2129509
Conc: 24.18 ng/ml



#8 AR-1221-1

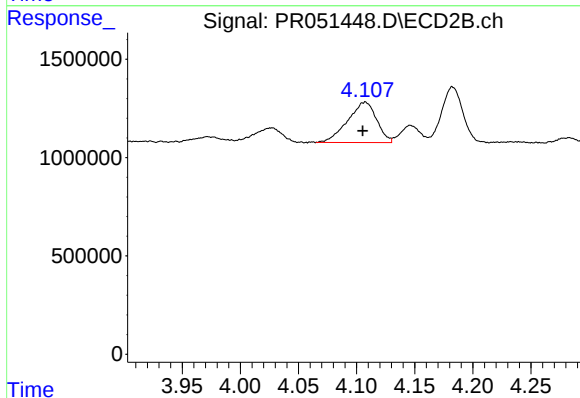
R.T.: 4.028 min
Delta R.T.: 0.009 min
Response: 1099042
Conc: 14.97 ng/ml



#9 AR-1221-2

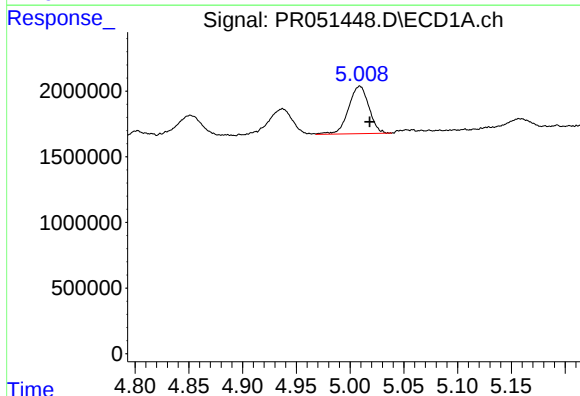
R.T.: 4.937 min
Delta R.T.: -0.003 min
Response: 3128168
Conc: 46.51 ng/ml

Instrument :
ECD_R
ClientSampleId :



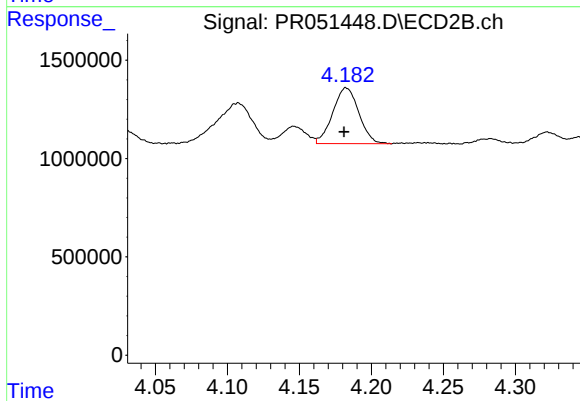
#9 AR-1221-2

R.T.: 4.108 min
Delta R.T.: 0.002 min
Response: 3556702
Conc: 60.31 ng/ml



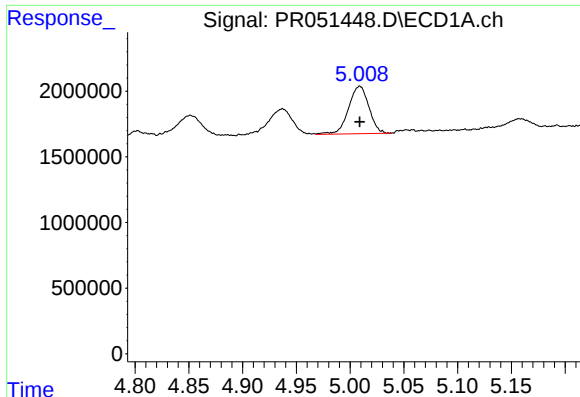
#10 AR-1221-3

R.T.: 5.009 min
Delta R.T.: -0.009 min
Response: 4770208
Conc: 22.19 ng/ml



#10 AR-1221-3

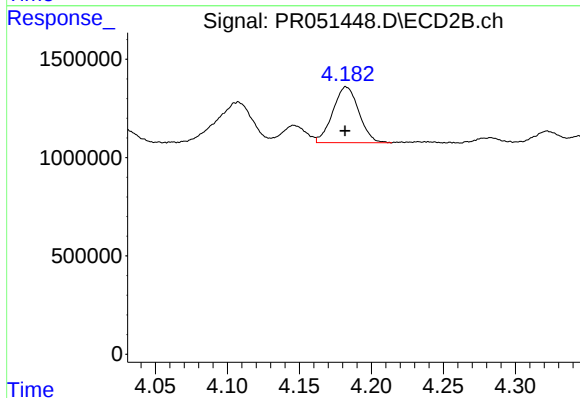
R.T.: 4.182 min
Delta R.T.: 0.001 min
Response: 3584984
Conc: 18.84 ng/ml



#11 AR-1232-1

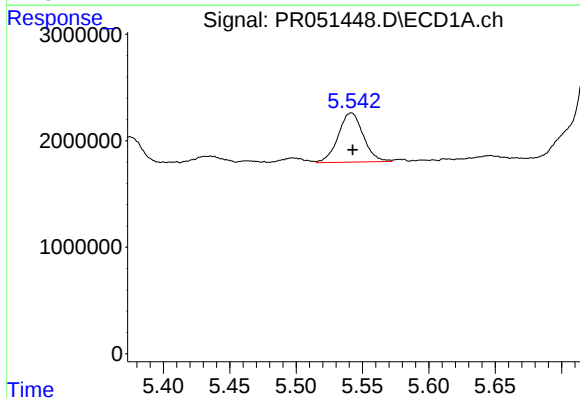
R.T.: 5.009 min
Delta R.T.: 0.000 min
Response: 4770208
Conc: 26.42 ng/ml

Instrument :
ECD_R
ClientSampleId :



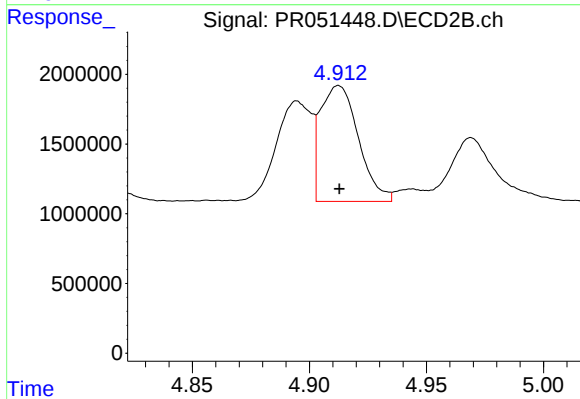
#11 AR-1232-1

R.T.: 4.182 min
Delta R.T.: 0.000 min
Response: 3584984
Conc: 22.20 ng/ml



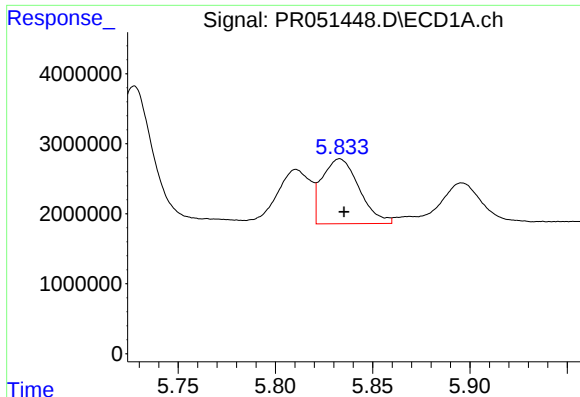
#12 AR-1232-2

R.T.: 5.542 min
Delta R.T.: 0.000 min
Response: 6089450
Conc: 62.64 ng/ml



#12 AR-1232-2

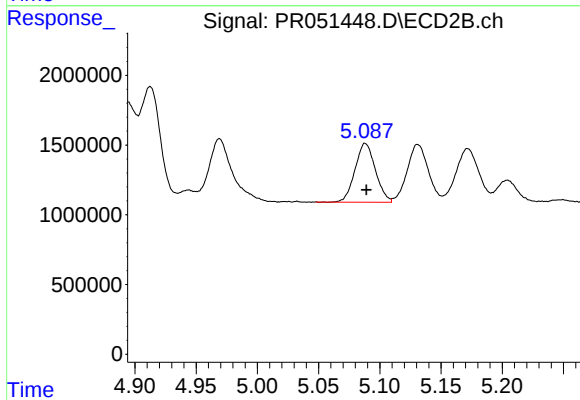
R.T.: 4.912 min
Delta R.T.: 0.000 min
Response: 9403953
Conc: 56.10 ng/ml



#13 AR-1232-3

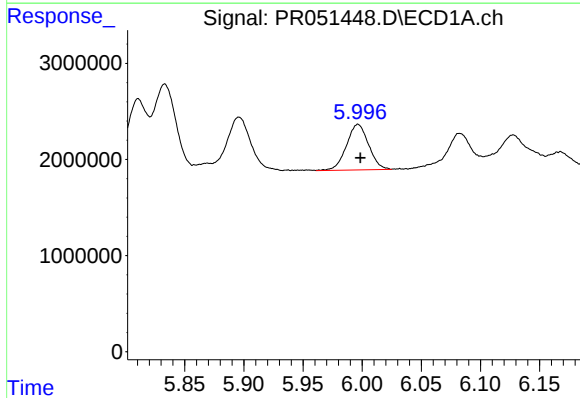
R.T.: 5.833 min
Delta R.T.: -0.002 min
Response: 12270119
Conc: 58.70 ng/ml

Instrument :
ECD_R
ClientSampleId :



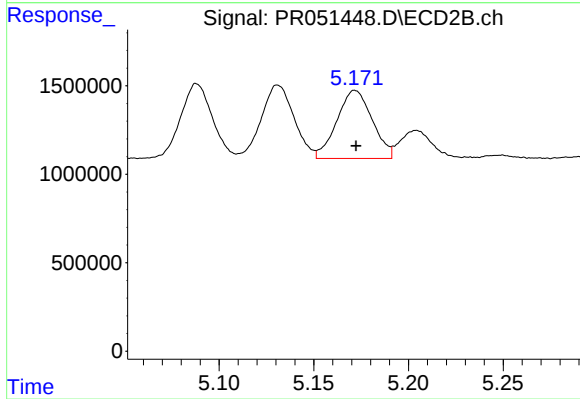
#13 AR-1232-3

R.T.: 5.088 min
Delta R.T.: 0.000 min
Response: 4886153
Conc: 56.07 ng/ml



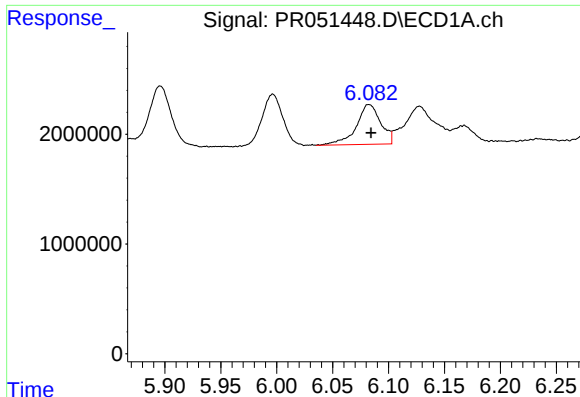
#14 AR-1232-4

R.T.: 5.997 min
Delta R.T.: -0.002 min
Response: 6195543
Conc: 60.00 ng/ml



#14 AR-1232-4

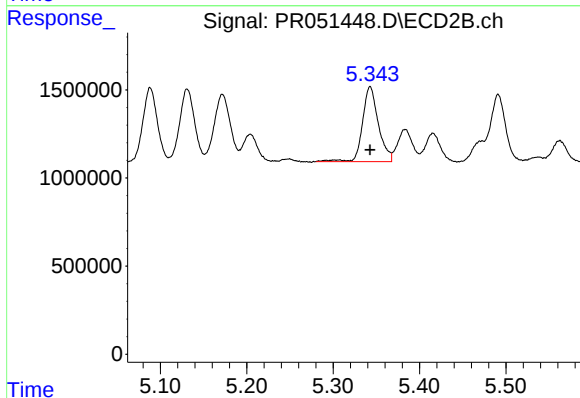
R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 5005493
Conc: 68.05 ng/ml



#15 AR-1232-5

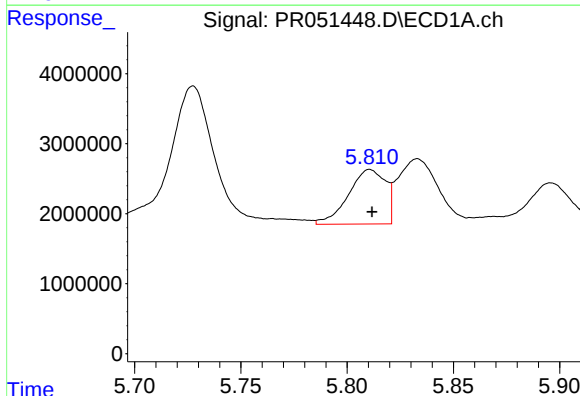
R.T.: 6.082 min
Delta R.T.: -0.002 min
Response: 5535281
Conc: 73.70 ng/ml

Instrument :
ECD_R
ClientSampleId :



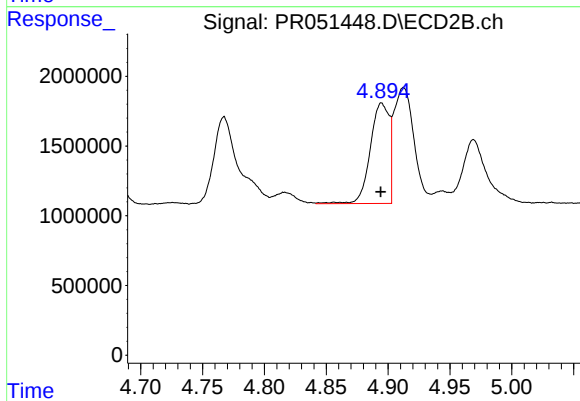
#15 AR-1232-5

R.T.: 5.343 min
Delta R.T.: 0.000 min
Response: 5439802
Conc: 66.86 ng/ml



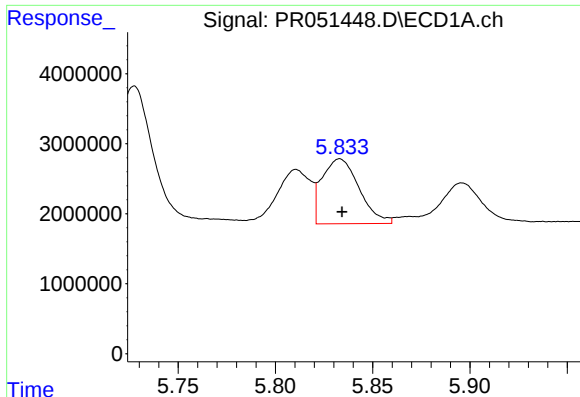
#16 AR-1242-1

R.T.: 5.811 min
Delta R.T.: -0.001 min
Response: 9455242
Conc: 36.94 ng/ml



#16 AR-1242-1

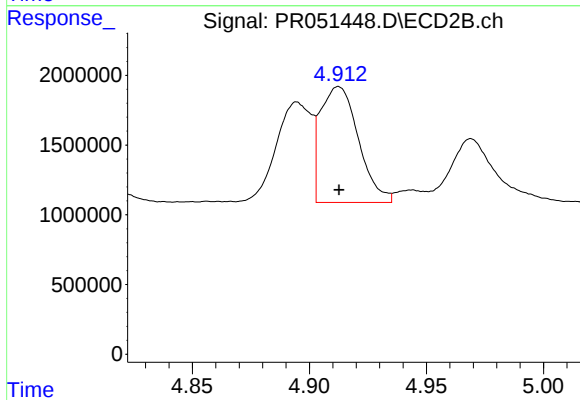
R.T.: 4.895 min
Delta R.T.: 0.000 min
Response: 7695848
Conc: 37.13 ng/ml



#17 AR-1242-2

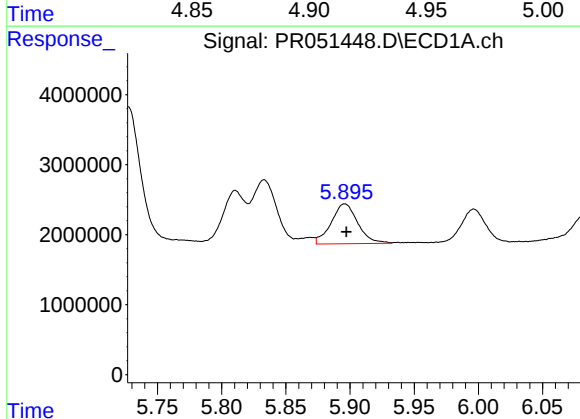
R.T.: 5.833 min
Delta R.T.: -0.001 min
Response: 12270119
Conc: 32.46 ng/ml

Instrument :
ECD_R
ClientSampleId :



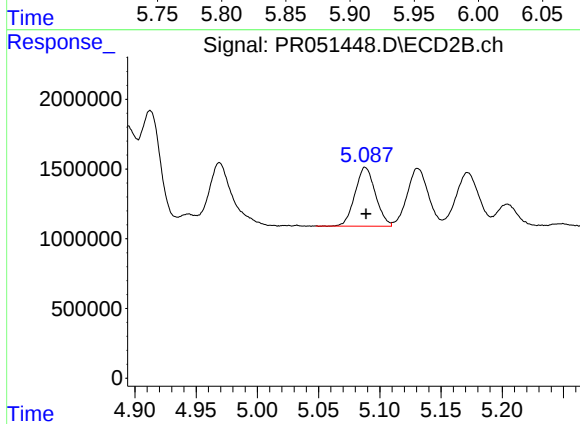
#17 AR-1242-2

R.T.: 4.912 min
Delta R.T.: 0.000 min
Response: 9403953
Conc: 31.01 ng/ml



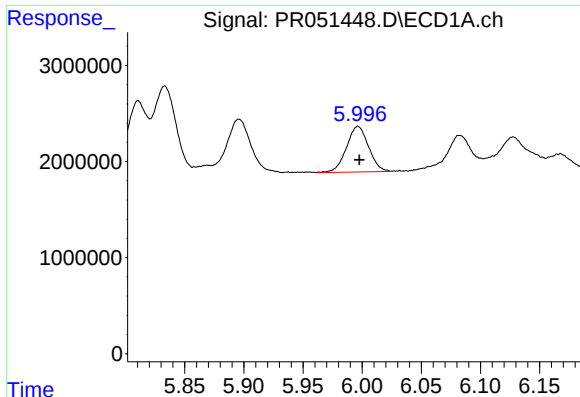
#18 AR-1242-3

R.T.: 5.896 min
Delta R.T.: -0.001 min
Response: 8227611
Conc: 37.40 ng/ml



#18 AR-1242-3

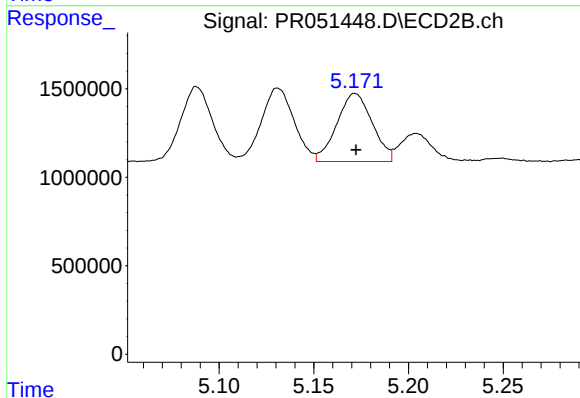
R.T.: 5.088 min
Delta R.T.: 0.000 min
Response: 4886153
Conc: 30.62 ng/ml



#19 AR-1242-4

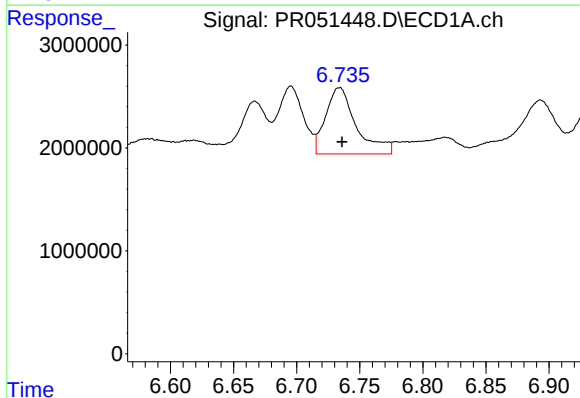
R.T.: 5.997 min
Delta R.T.: -0.001 min
Response: 6195543
Conc: 33.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



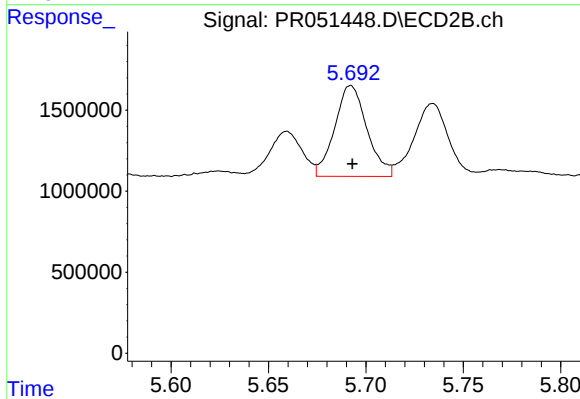
#19 AR-1242-4

R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 5005493
Conc: 33.88 ng/ml



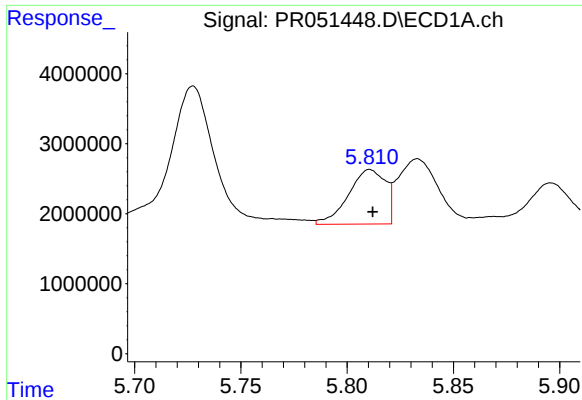
#20 AR-1242-5

R.T.: 6.734 min
Delta R.T.: -0.002 min
Response: 10909145
Conc: 49.84 ng/ml



#20 AR-1242-5

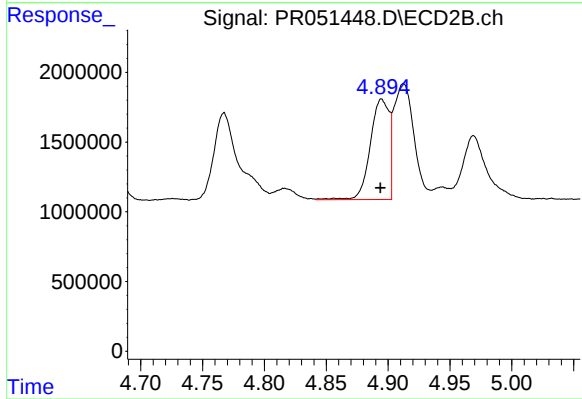
R.T.: 5.692 min
Delta R.T.: 0.000 min
Response: 6473374
Conc: 32.28 ng/ml



#21 AR-1248-1

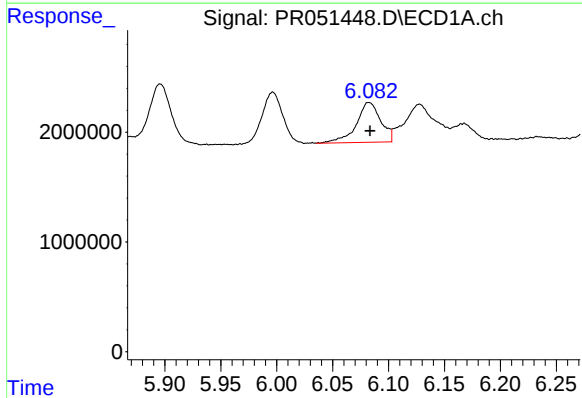
R.T.: 5.811 min
Delta R.T.: -0.001 min
Response: 9455242
Conc: 44.84 ng/ml

Instrument :
ECD_R
ClientSampleId :



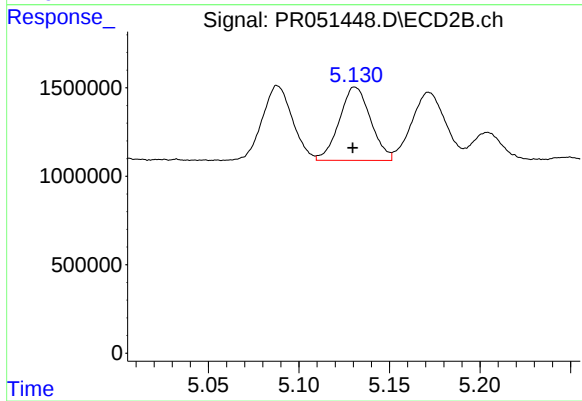
#21 AR-1248-1

R.T.: 4.895 min
Delta R.T.: 0.000 min
Response: 7695848
Conc: 45.11 ng/ml



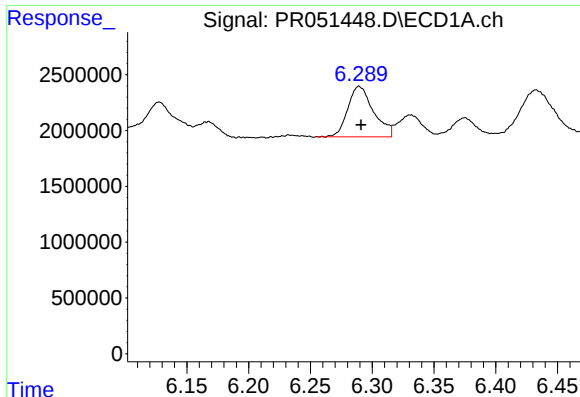
#22 AR-1248-2

R.T.: 6.082 min
Delta R.T.: -0.001 min
Response: 5535281
Conc: 18.91 ng/ml



#22 AR-1248-2

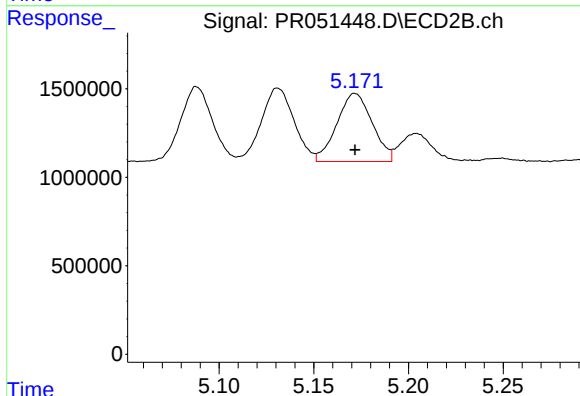
R.T.: 5.131 min
Delta R.T.: 0.001 min
Response: 4993214
Conc: 21.80 ng/ml



#23 AR-1248-3

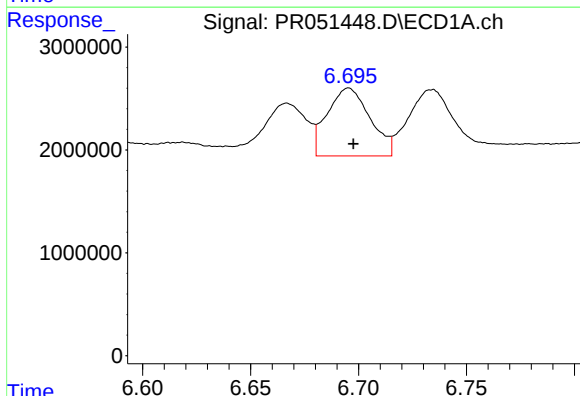
R.T.: 6.289 min
Delta R.T.: -0.002 min
Response: 6542902
Conc: 19.58 ng/ml

Instrument :
ECD_R
ClientSampleId :



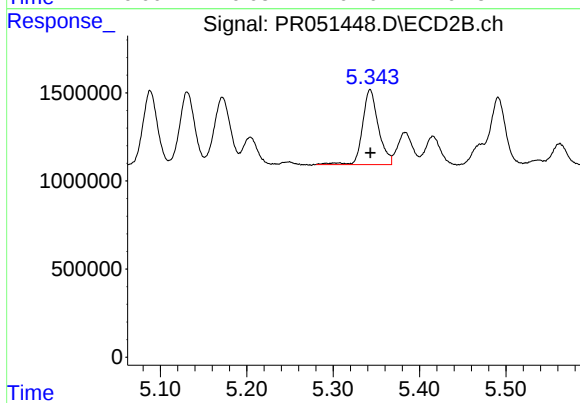
#23 AR-1248-3

R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 5005493
Conc: 21.03 ng/ml



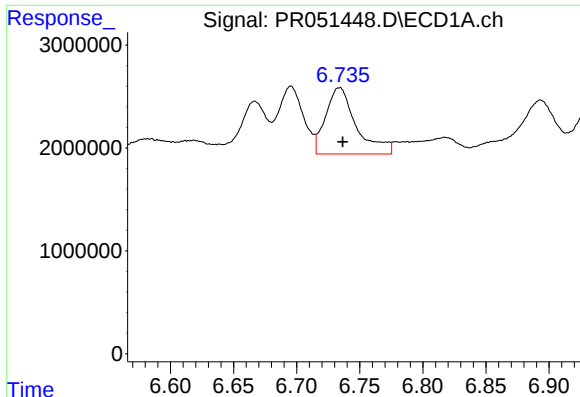
#24 AR-1248-4

R.T.: 6.696 min
Delta R.T.: -0.002 min
Response: 9117031
Conc: 21.93 ng/ml



#24 AR-1248-4

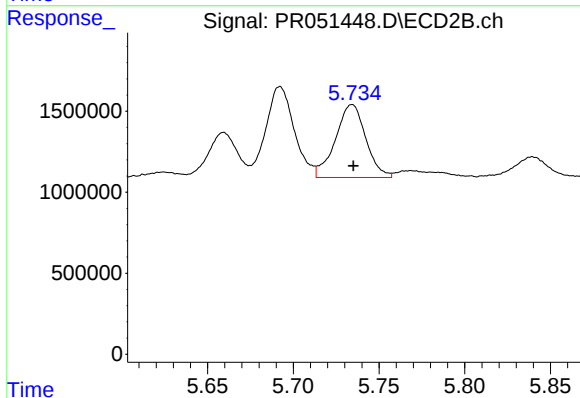
R.T.: 5.343 min
Delta R.T.: 0.000 min
Response: 5439802
Conc: 18.96 ng/ml



#25 AR-1248-5

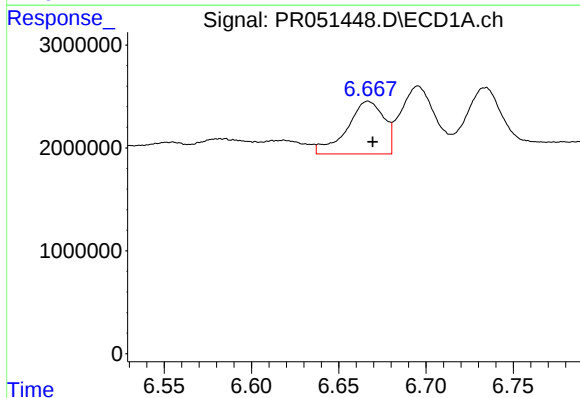
R.T.: 6.734 min
Delta R.T.: -0.002 min
Response: 10909145
Conc: 27.35 ng/ml

Instrument :
ECD_R
ClientSampleId :



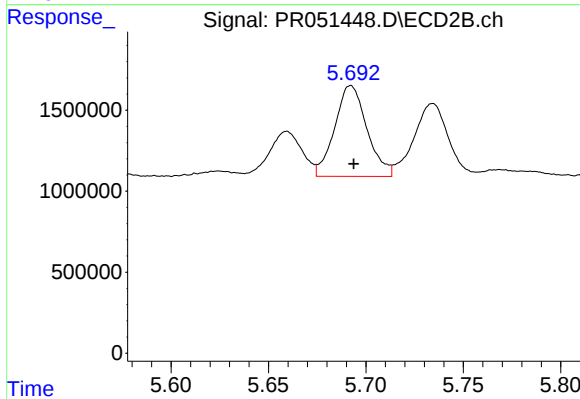
#25 AR-1248-5

R.T.: 5.734 min
Delta R.T.: 0.000 min
Response: 5546508
Conc: 18.10 ng/ml



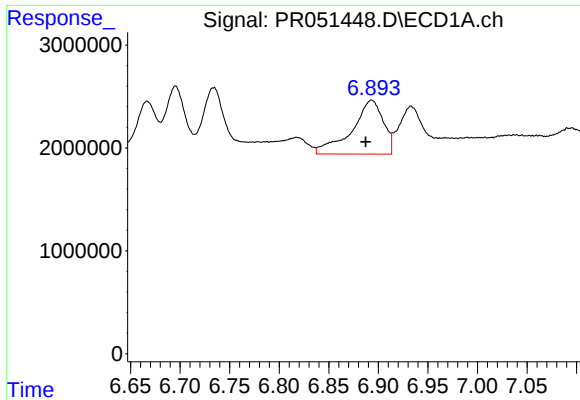
#26 AR-1254-1

R.T.: 6.667 min
Delta R.T.: -0.003 min
Response: 7553724
Conc: 21.31 ng/ml



#26 AR-1254-1

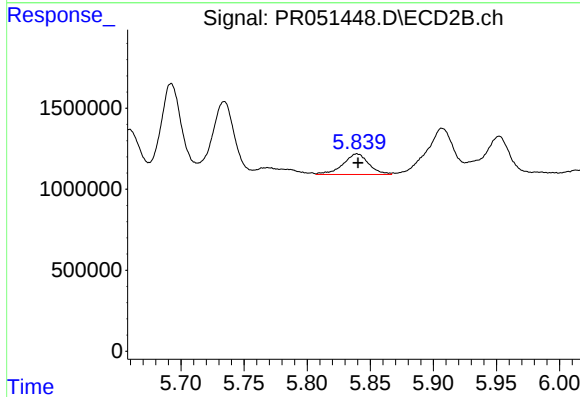
R.T.: 5.692 min
Delta R.T.: -0.002 min
Response: 6473374
Conc: 15.76 ng/ml



#27 AR-1254-2

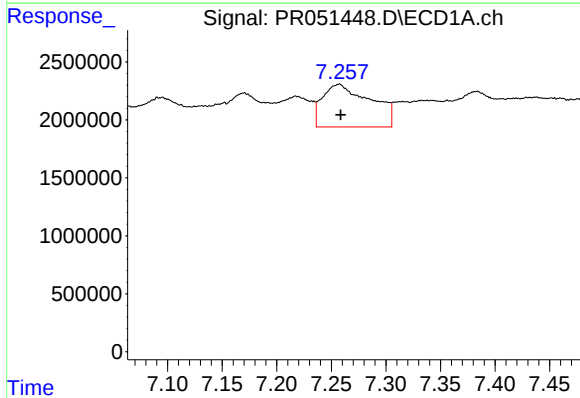
R.T.: 6.893 min
Delta R.T.: 0.006 min
Response: 11587730
Conc: 20.61 ng/ml

Instrument :
ECD_R
ClientSampleId :



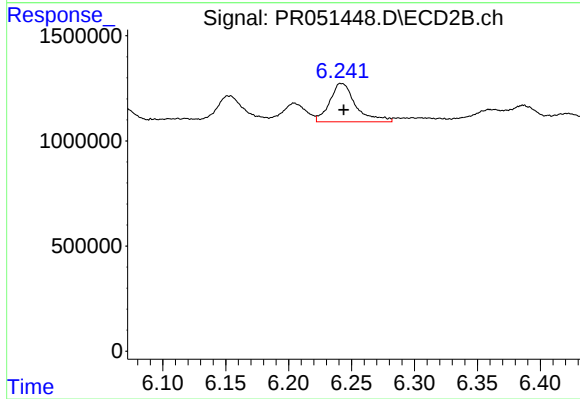
#27 AR-1254-2

R.T.: 5.840 min
Delta R.T.: 0.000 min
Response: 1798403
Conc: 5.17 ng/ml



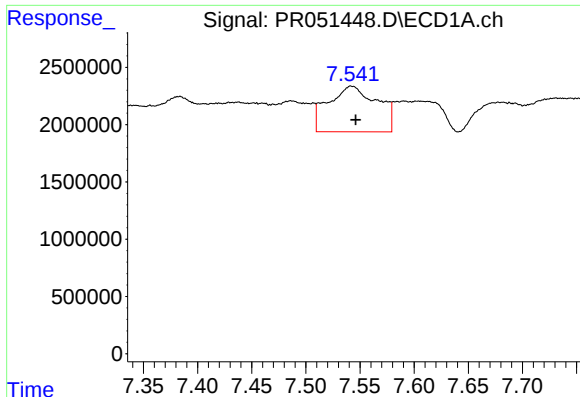
#28 AR-1254-3

R.T.: 7.258 min
Delta R.T.: 0.000 min
Response: 11318991
Conc: 18.91 ng/ml



#28 AR-1254-3

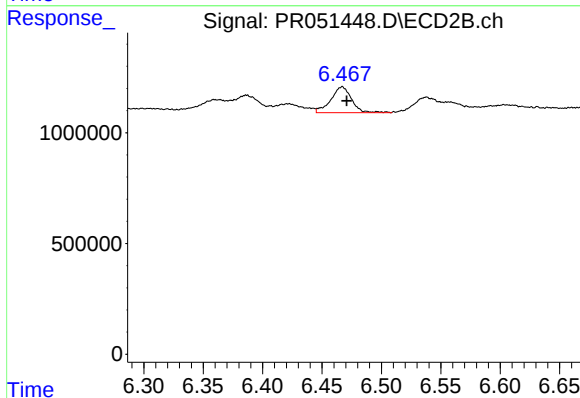
R.T.: 6.242 min
Delta R.T.: -0.002 min
Response: 2635516
Conc: 4.37 ng/ml



#29 AR-1254-4

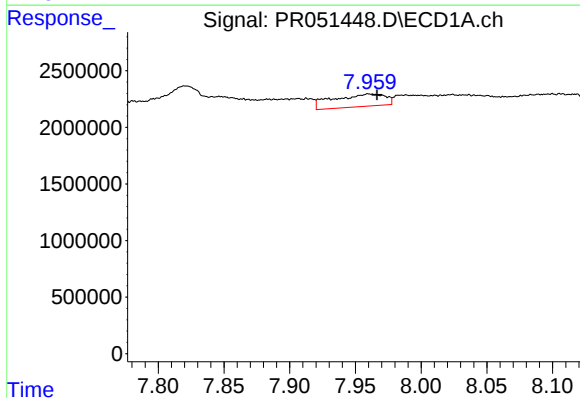
R.T.: 7.542 min
Delta R.T.: -0.004 min
Response: 12572829
Conc: 25.58 ng/ml

Instrument :
ECD_R
ClientSampleId :



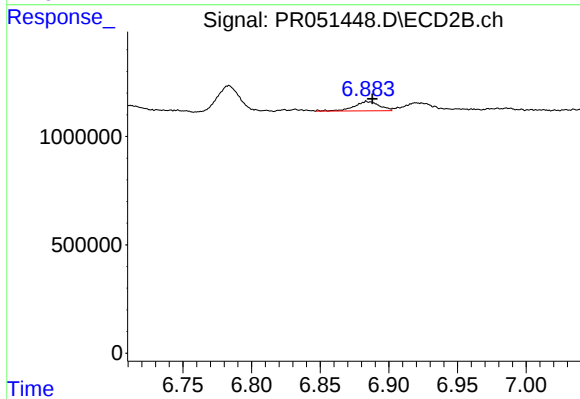
#29 AR-1254-4

R.T.: 6.467 min
Delta R.T.: -0.004 min
Response: 1419113
Conc: 3.78 ng/ml



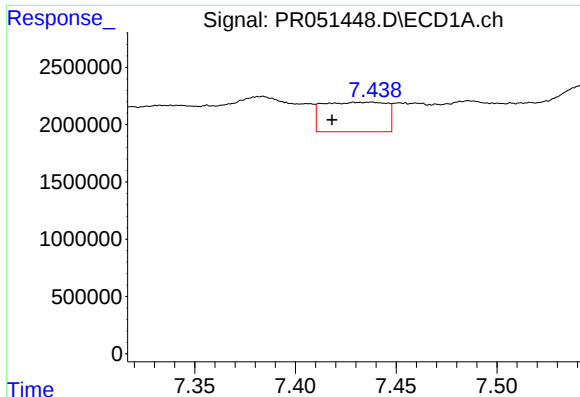
#30 AR-1254-5

R.T.: 7.960 min
Delta R.T.: -0.006 min
Response: 3056065
Conc: 6.45 ng/ml



#30 AR-1254-5

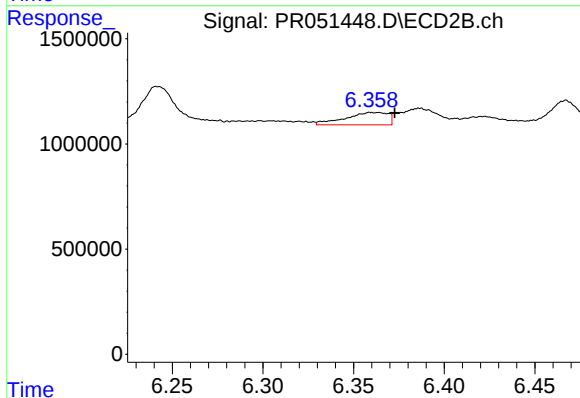
R.T.: 6.884 min
Delta R.T.: -0.004 min
Response: 555263
Conc: 1.07 ng/ml



#31 AR-1260-1

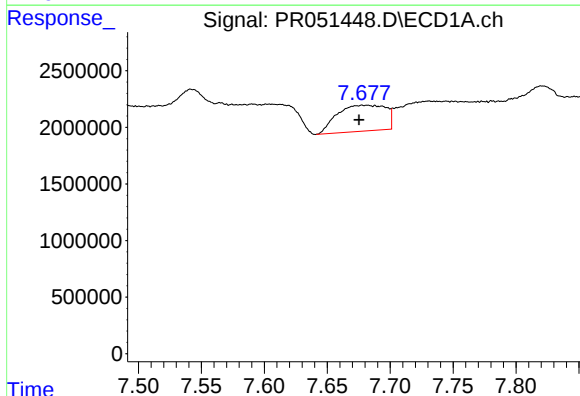
R.T.: 7.438 min
Delta R.T.: 0.019 min
Response: 5640453
Conc: 11.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



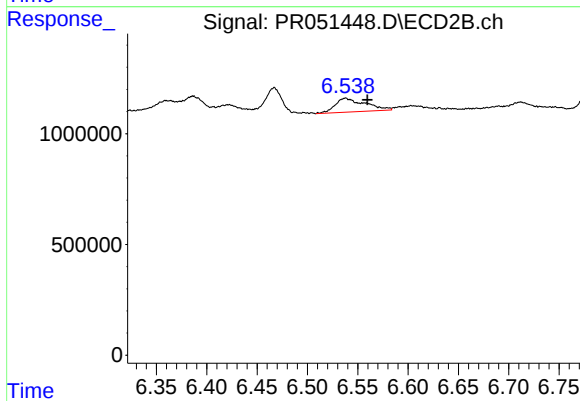
#31 AR-1260-1

R.T.: 6.360 min
Delta R.T.: -0.013 min
Response: 969628
Conc: 2.35 ng/ml



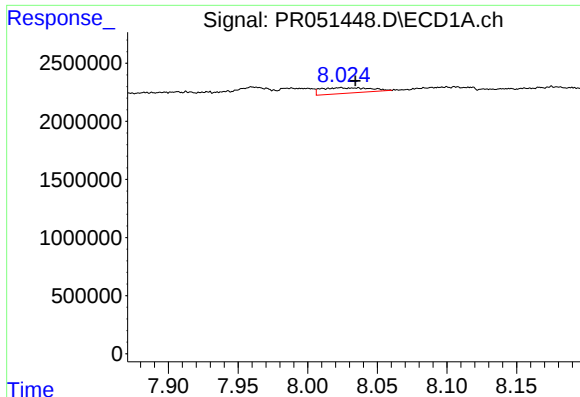
#32 AR-1260-2

R.T.: 7.682 min
Delta R.T.: 0.006 min
Response: 6187512
Conc: 9.80 ng/ml



#32 AR-1260-2

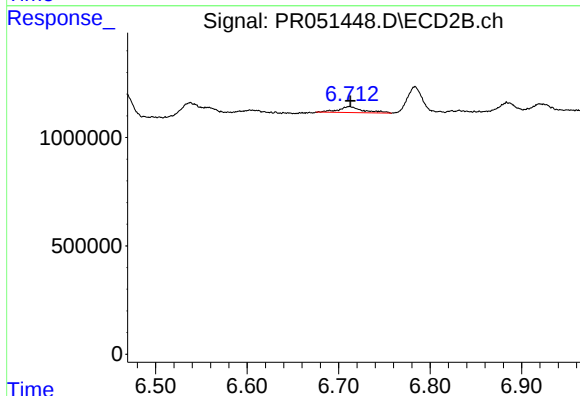
R.T.: 6.538 min
Delta R.T.: -0.022 min
Response: 1307561
Conc: 2.59 ng/ml



#33 AR-1260-3

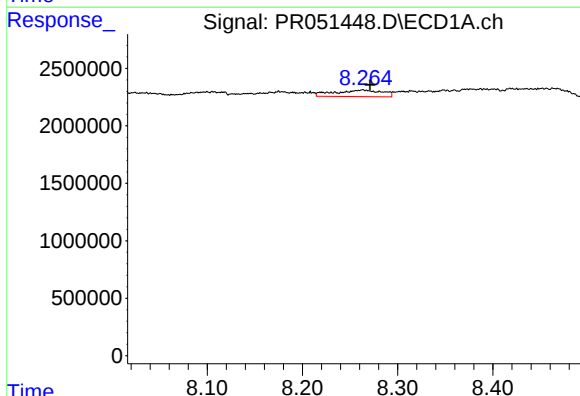
R.T.: 8.024 min
Delta R.T.: -0.011 min
Response: 1163023
Conc: 2.33 ng/ml

Instrument :
ECD_R
ClientSampleId :



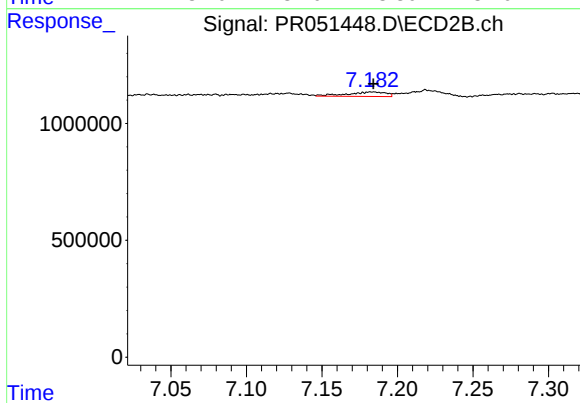
#33 AR-1260-3

R.T.: 6.712 min
Delta R.T.: -0.001 min
Response: 521383
Conc: 1.06 ng/ml



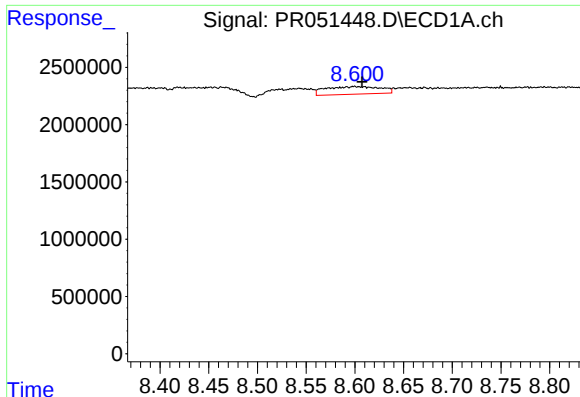
#34 AR-1260-4

R.T.: 8.263 min
Delta R.T.: -0.008 min
Response: 1971067
Conc: 3.85 ng/ml



#34 AR-1260-4

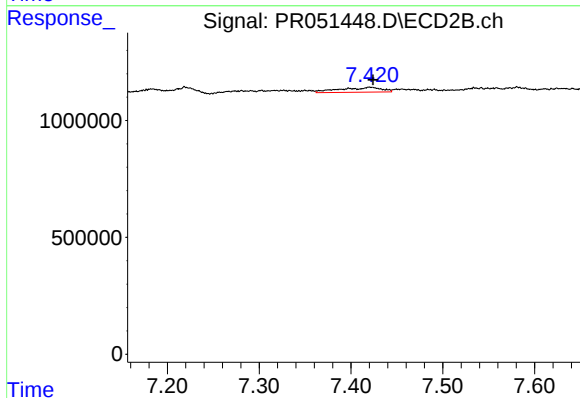
R.T.: 7.183 min
Delta R.T.: 0.000 min
Response: 345273
Conc: 0.84 ng/ml



#35 AR-1260-5

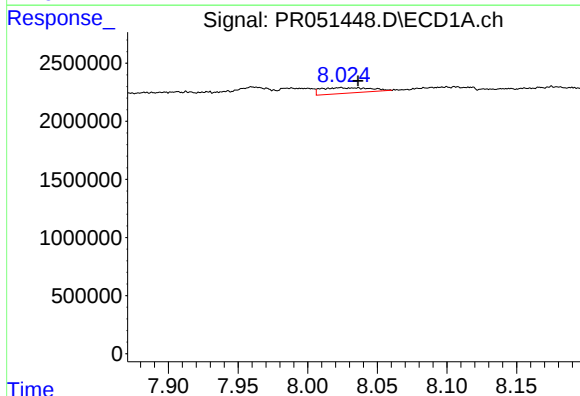
R.T.: 8.599 min
Delta R.T.: -0.008 min
Response: 2623281
Conc: 2.28 ng/ml

Instrument :
ECD_R
ClientSampleId :



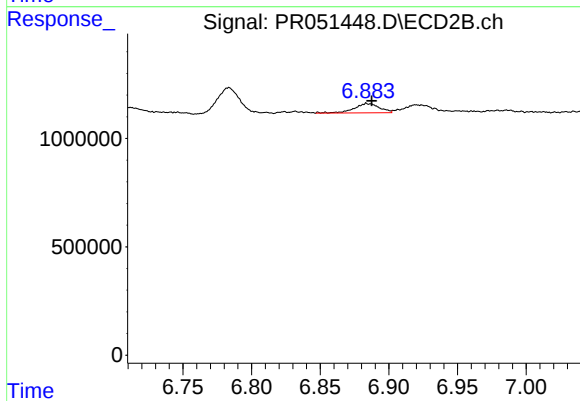
#35 AR-1260-5

R.T.: 7.421 min
Delta R.T.: -0.003 min
Response: 658760
Conc: 0.63 ng/ml



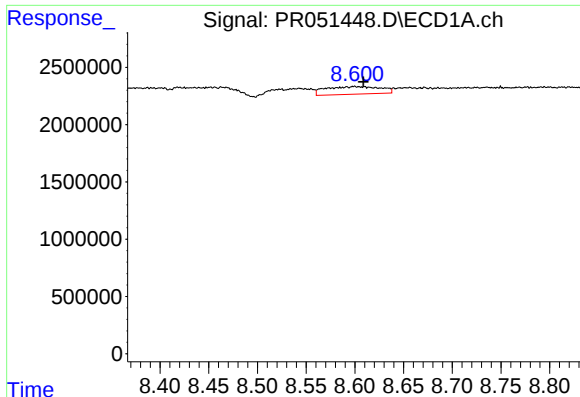
#36 AR-1262-1

R.T.: 8.024 min
Delta R.T.: -0.013 min
Response: 1163023
Conc: 1.77 ng/ml



#36 AR-1262-1

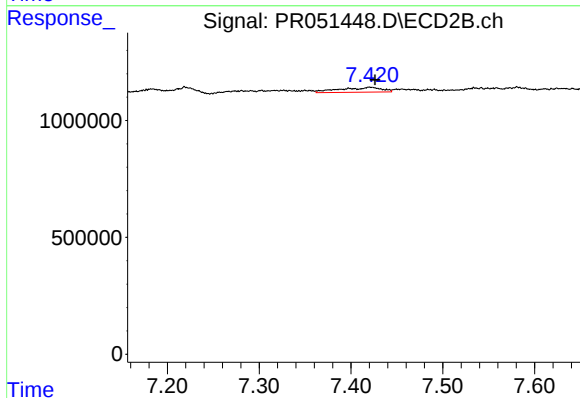
R.T.: 6.884 min
Delta R.T.: -0.004 min
Response: 555263
Conc: 2.01 ng/ml



#37 AR-1262-2

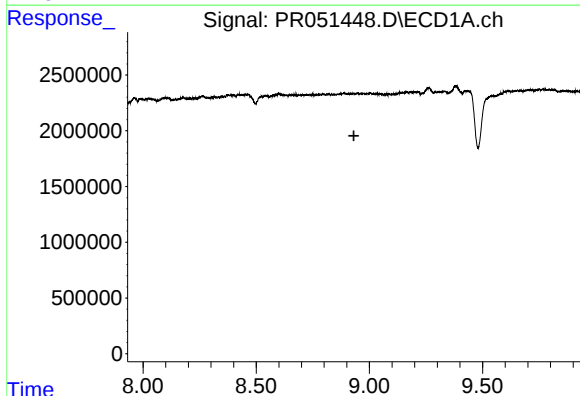
R.T.: 8.599 min
Delta R.T.: -0.010 min
Response: 2623281
Conc: 2.18 ng/ml

Instrument :
ECD_R
ClientSampleId :



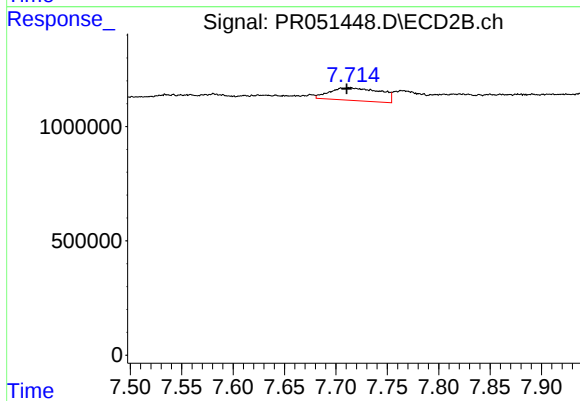
#37 AR-1262-2

R.T.: 7.421 min
Delta R.T.: -0.006 min
Response: 658760
Conc: 0.65 ng/ml



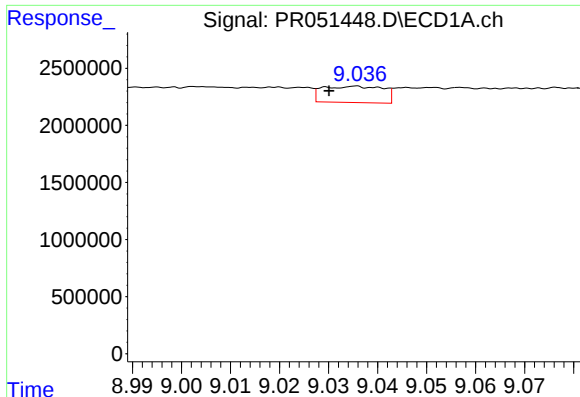
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 8.931 min
Response: 0
Conc: N.D.



#38 AR-1262-3

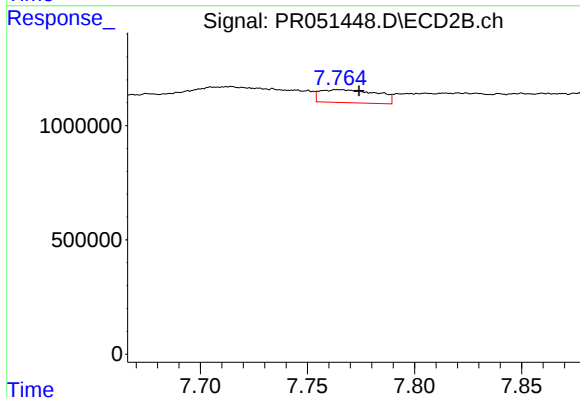
R.T.: 7.714 min
Delta R.T.: 0.003 min
Response: 1908041
Conc: 5.19 ng/ml



#39 AR-1262-4

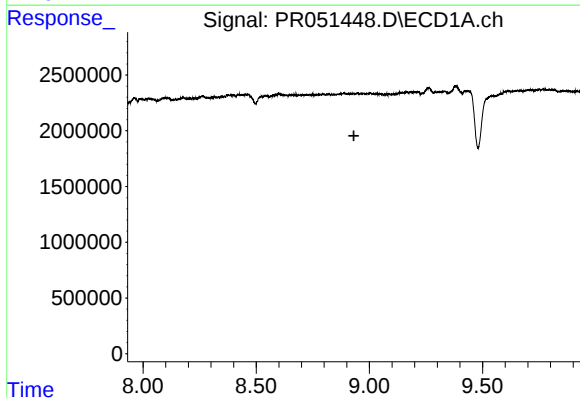
R.T.: 9.036 min
Delta R.T.: 0.005 min
Response: 1225328
Conc: 2.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



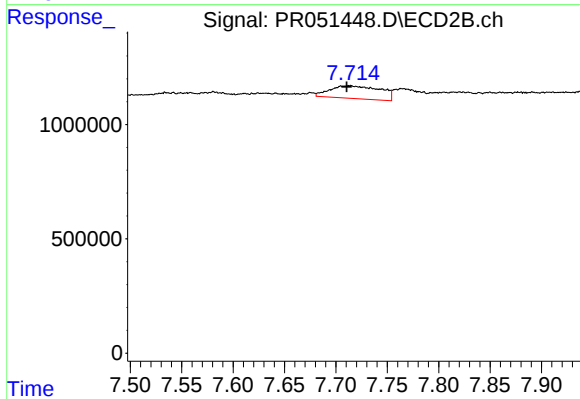
#39 AR-1262-4

R.T.: 7.765 min
Delta R.T.: -0.010 min
Response: 1048103
Conc: 1.44 ng/ml



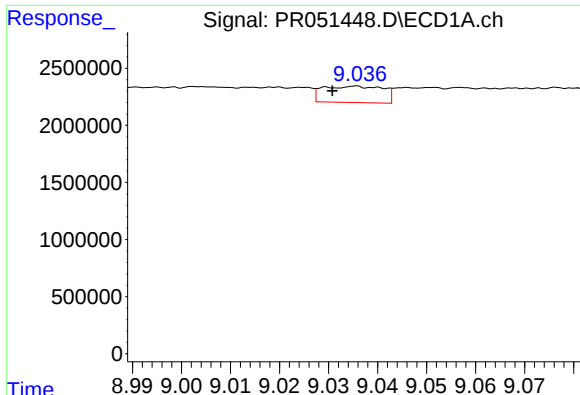
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 8.932 min
Response: 0
Conc: N.D.



#41 AR-1268-1

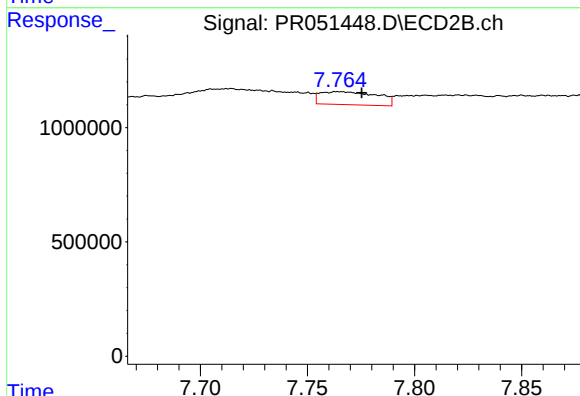
R.T.: 7.714 min
Delta R.T.: 0.003 min
Response: 1908041
Conc: 1.77 ng/ml



#42 AR-1268-2

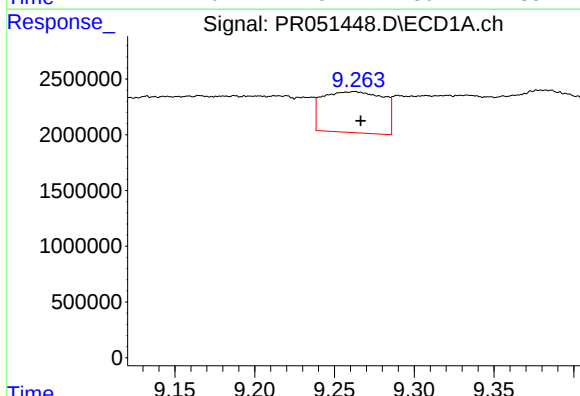
R.T.: 9.036 min
Delta R.T.: 0.005 min
Response: 1225328
Conc: 0.96 ng/ml

Instrument :
ECD_R
ClientSampleId :



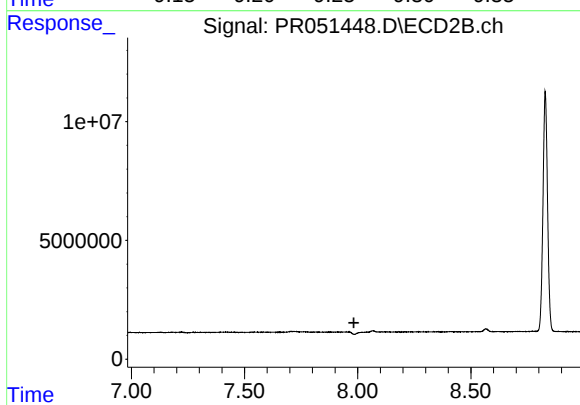
#42 AR-1268-2

R.T.: 7.765 min
Delta R.T.: -0.011 min
Response: 1048103
Conc: 1.05 ng/ml



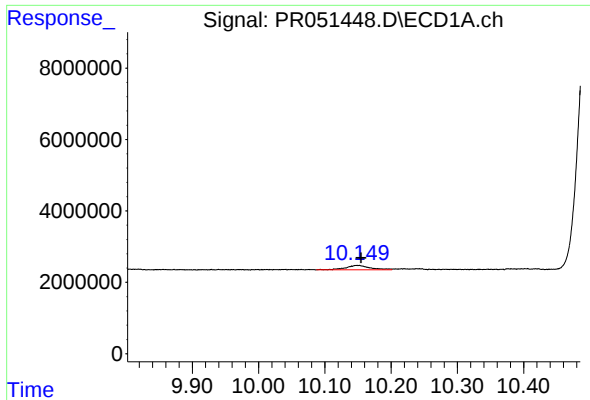
#43 AR-1268-3

R.T.: 9.263 min
Delta R.T.: -0.004 min
Response: 9736979
Conc: 8.72 ng/ml



#43 AR-1268-3

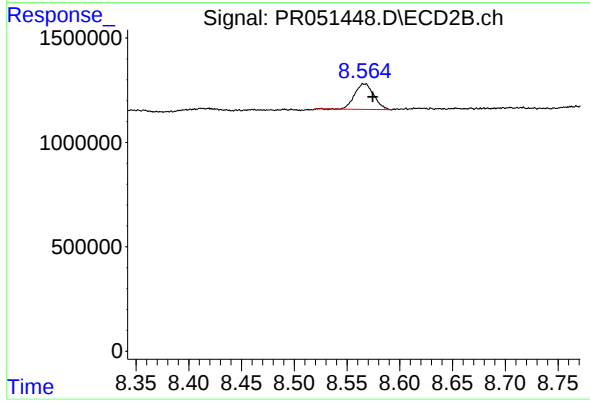
R.T.: 0.000 min
Exp R.T.: 7.983 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 10.149 min
Delta R.T.: -0.005 min
Response: 3157307
Conc: 0.86 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.567 min
Delta R.T.: -0.008 min
Response: 1554702
Conc: 0.56 ng/ml