

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR071620\
 Data File : PR046263.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Jul 2020 13:50
 Operator : AJ\MA
 Sample : L3216-07
 Misc : AR1660 LOD 40 PPB
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 17 01:14:03 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR071520.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jul 16 04:01:55 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...	4.767	3.988	36416959	263.9E6	19.797	21.442
2)	SA Decachlor...	10.771	9.117	44680384	387.4E6	22.604	25.023
Target Compounds							
3)	L1 AR-1016-1	5.957	5.088	1949855	16184914	27.818	32.653
4)	L1 AR-1016-2	5.980	5.107	2823880	20430996	28.567	29.735
5)	L1 AR-1016-3	6.043	5.287	1744334	10851940	29.331	33.852
6)	L1 AR-1016-4	6.145	5.326	1425344	9749370	28.586	36.268 #
7)	L1 AR-1016-5	6.438	5.543	1765360	15561281	35.896	41.850
8)	L2 AR-1221-1	4.981	4.200	248814	3606445	12.585	25.194 #
9)	L2 AR-1221-2	5.080	4.293	850936	4284960	57.965	45.016
10)	L2 AR-1221-3	5.149	4.366	1009261	6690384	21.507	21.257
11)	L3 AR-1232-1	5.149	4.366	1009261	6690384	26.371	24.870
12)	L3 AR-1232-2	5.687	5.107	1418784	20430996	73.331	72.883
13)	L3 AR-1232-3	5.980	5.287	2823880	10851940	70.824	83.556
14)	L3 AR-1232-4	6.145	5.370	1425344	11448779	71.534	92.596 #
15)	L3 AR-1232-5	6.230	5.543	1490315	15561281	98.824	113.325
16)	L4 AR-1242-1	5.957	5.088	1949855	16184914	36.069	42.551
17)	L4 AR-1242-2	5.980	5.107	2823880	20430996	37.263	39.009
18)	L4 AR-1242-3	6.043	5.287	1744334	10851940	38.136	42.525
19)	L4 AR-1242-4	6.145	5.370	1425344	11448779	37.295	44.014
20)	L4 AR-1242-5	6.886	5.899	613352	9695056	13.862	26.263 #
21)	L5 AR-1248-1	5.957	5.088	1949855	16184914	48.399	56.126
22)	L5 AR-1248-2	6.230	5.326	1490315	9749370	27.319	27.629
23)	L5 AR-1248-3	6.438	5.370	1765360	11448779	28.443	30.592
24)	L5 AR-1248-4	6.819f	5.543	2428021	15561281	32.957	33.148
25)	L5 AR-1248-5	6.886	5.922f	613352	3406865	8.733	7.037
26)	L6 AR-1254-1	6.819	5.899	2428021	9695056	31.447	12.310 #
27)	L6 AR-1254-2	7.035	6.046	1524929	9419363	12.472	13.699
28)	L6 AR-1254-3	7.408	6.469f	757462	27659049	5.648	23.298 #
29)	L6 AR-1254-4	7.695	6.682	791464	2613953	7.708	3.392 #
30)	L6 AR-1254-5	8.117	7.103	4077999	31203408	36.673	29.697
31)	L7 AR-1260-1	7.569	6.585	2794025	25066036	30.037	34.733
32)	L7 AR-1260-2	7.826	6.772	3506859	30722559	30.534	34.743
33)	L7 AR-1260-3	8.190	6.929	2733048	27007468	30.428	32.803
34)	L7 AR-1260-4	8.435	7.403	3066439	24251666	29.457	33.939
35)	L7 AR-1260-5	8.782	7.643	6059292	59309742	28.106	32.031
36)	L8 AR-1262-1	8.190	7.103	2733048	31203408	22.442	63.705 #
37)	L8 AR-1262-2	8.782	7.643	6059292	59309742	26.761	30.514
38)	L8 AR-1262-3	9.116	7.930	1822229	15716152	18.661	20.794
39)	L8 AR-1262-4	9.200f	7.994	2571555	48818493	22.550	34.419 #
40)	L8 AR-1262-5	9.947	8.514	1896999	17746784	23.177	26.157
41)	L9 AR-1268-1	9.116	7.930	1822229	15716152	6.087	6.262

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 Operator : AJ\MA
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 Misc : AR1660 LOD 40 PPB
 ALS Vial : 18 Sample Multiplier: 1

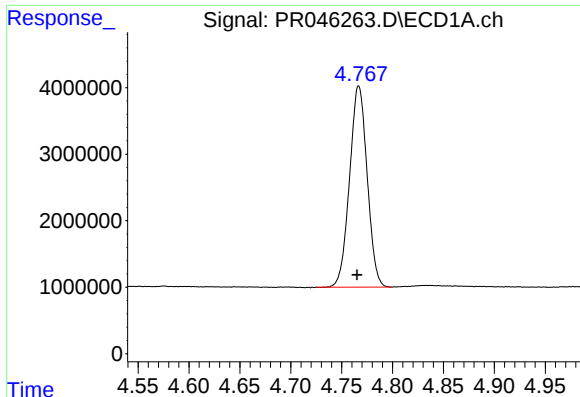
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 17 01:14:03 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR071520.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jul 16 04:01:55 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
42) L9	AR-1268-2	9.200f	7.994	2571555	48818493	9.254	20.345 #
43) L9	AR-1268-3	9.467	8.210	353615	3307632	1.541	1.647
44) L9	AR-1268-4	9.947	8.514	1896999	17746784	18.330	20.365
45) L9	AR-1268-5	10.397	8.832	1105537	7394573	1.414	1.168

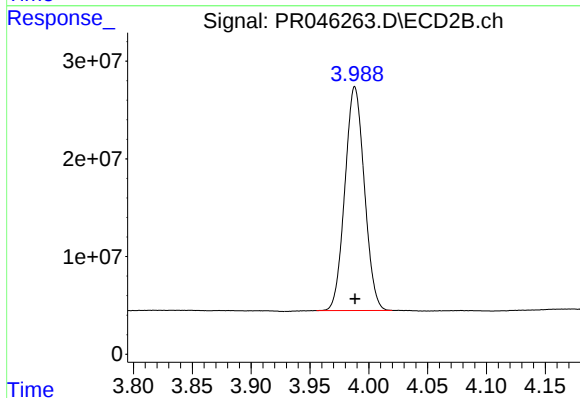
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

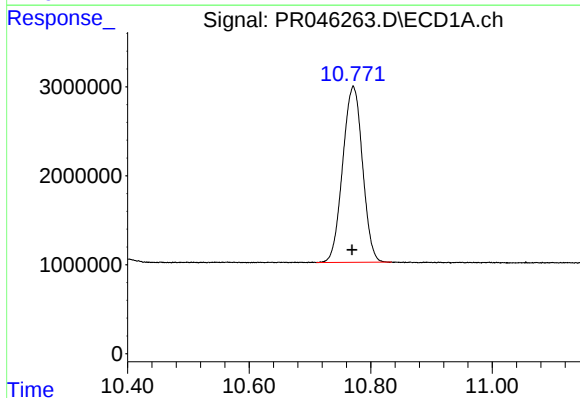
R.T.: 4.767 min
Delta R.T.: 0.002 min
Response: 36416959
Conc: 19.80 ng/ml

Instrument :
ECD_R
ClientSampleId :



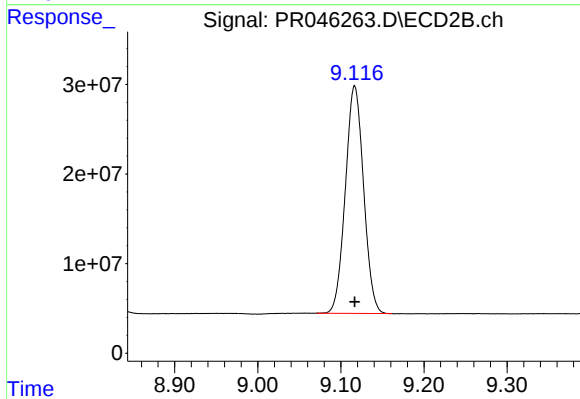
#1 Tetrachloro-m-xylene

R.T.: 3.988 min
Delta R.T.: 0.000 min
Response: 263865346
Conc: 21.44 ng/ml



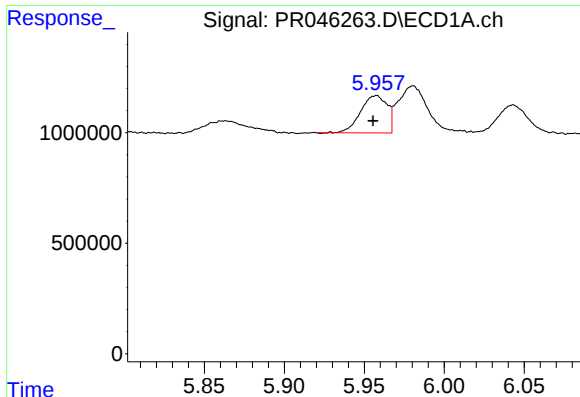
#2 Decachlorobiphenyl

R.T.: 10.771 min
Delta R.T.: 0.002 min
Response: 44680384
Conc: 22.60 ng/ml



#2 Decachlorobiphenyl

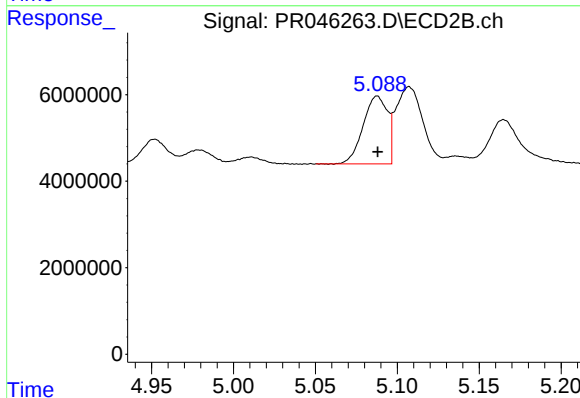
R.T.: 9.117 min
Delta R.T.: 0.000 min
Response: 387444669
Conc: 25.02 ng/ml



#3 AR-1016-1

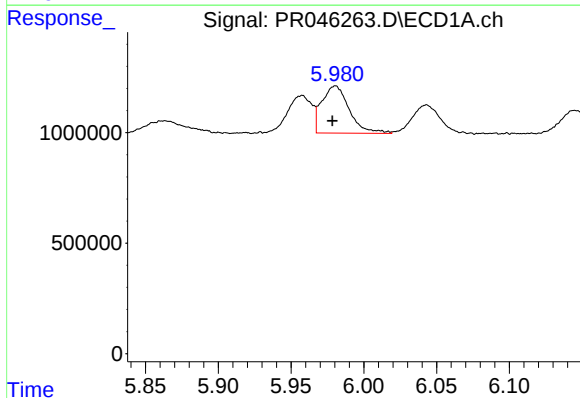
R.T.: 5.957 min
Delta R.T.: 0.002 min
Response: 1949855
Conc: 27.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



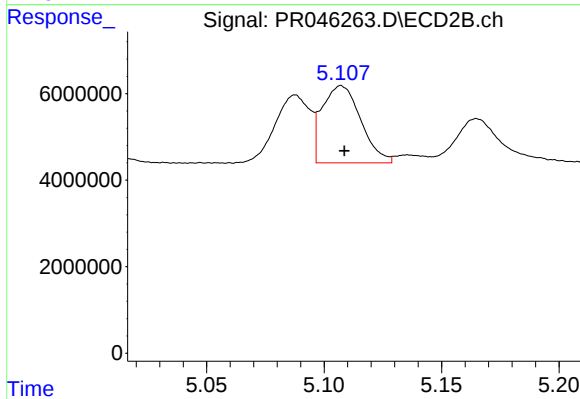
#3 AR-1016-1

R.T.: 5.088 min
Delta R.T.: 0.000 min
Response: 16184914
Conc: 32.65 ng/ml



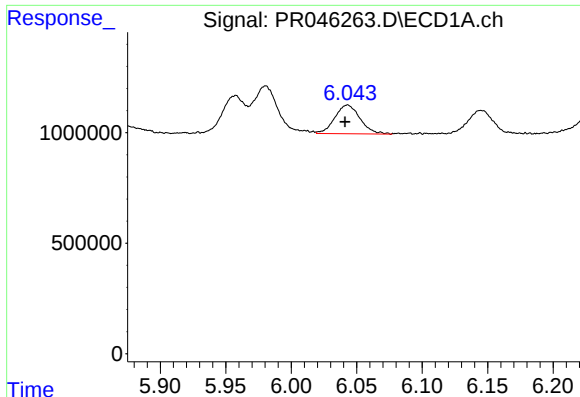
#4 AR-1016-2

R.T.: 5.980 min
Delta R.T.: 0.002 min
Response: 2823880
Conc: 28.57 ng/ml



#4 AR-1016-2

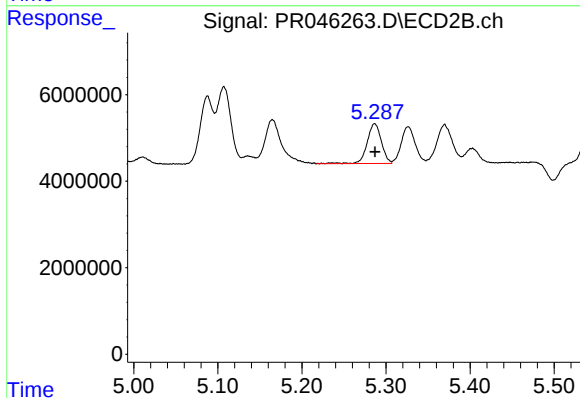
R.T.: 5.107 min
Delta R.T.: -0.001 min
Response: 20430996
Conc: 29.73 ng/ml



#5 AR-1016-3

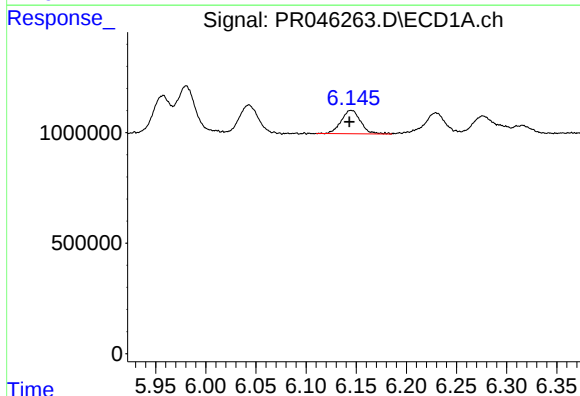
R.T.: 6.043 min
Delta R.T.: 0.002 min
Response: 1744334
Conc: 29.33 ng/ml

Instrument :
ECD_R
ClientSampleId :



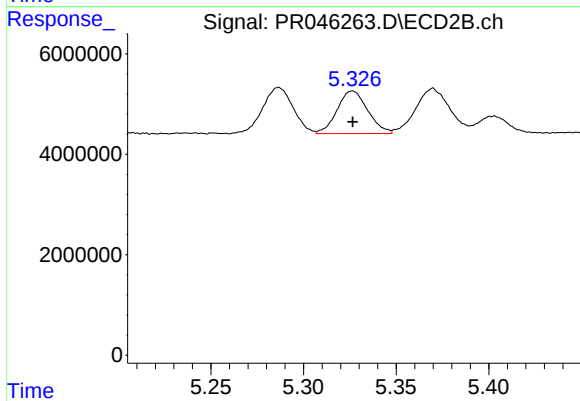
#5 AR-1016-3

R.T.: 5.287 min
Delta R.T.: 0.000 min
Response: 10851940
Conc: 33.85 ng/ml



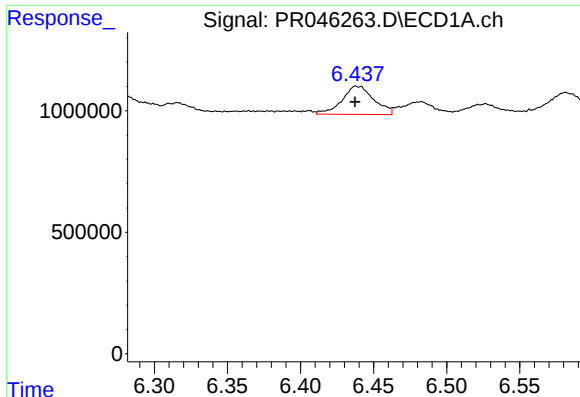
#6 AR-1016-4

R.T.: 6.145 min
Delta R.T.: 0.002 min
Response: 1425344
Conc: 28.59 ng/ml



#6 AR-1016-4

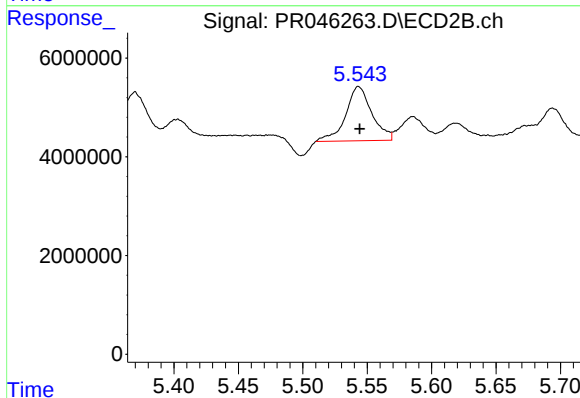
R.T.: 5.326 min
Delta R.T.: 0.000 min
Response: 9749370
Conc: 36.27 ng/ml



#7 AR-1016-5

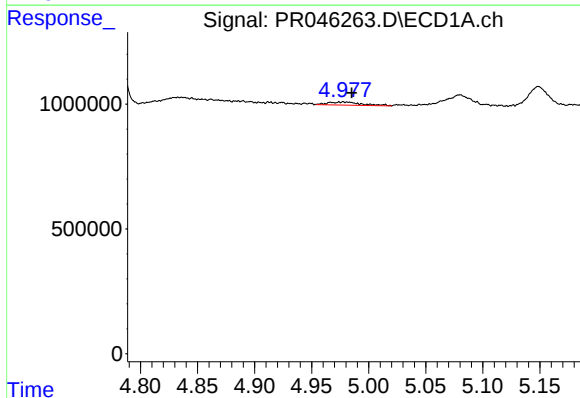
R.T.: 6.438 min
Delta R.T.: 0.001 min
Response: 1765360
Conc: 35.90 ng/ml

Instrument :
ECD_R
ClientSampleId :



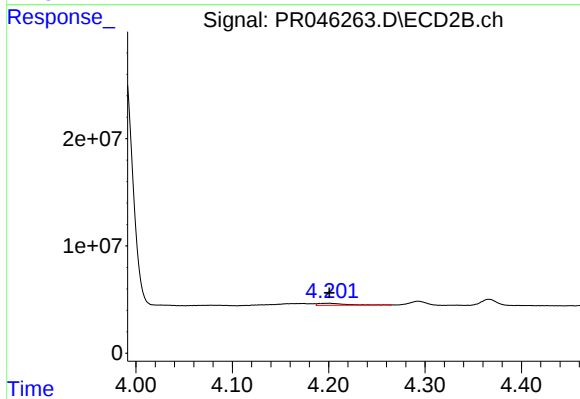
#7 AR-1016-5

R.T.: 5.543 min
Delta R.T.: 0.000 min
Response: 15561281
Conc: 41.85 ng/ml



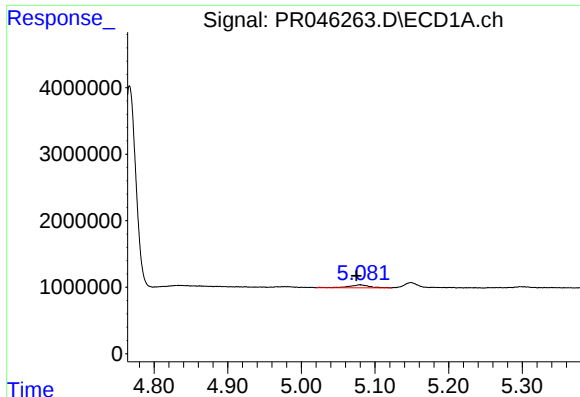
#8 AR-1221-1

R.T.: 4.981 min
Delta R.T.: -0.005 min
Response: 248814
Conc: 12.59 ng/ml



#8 AR-1221-1

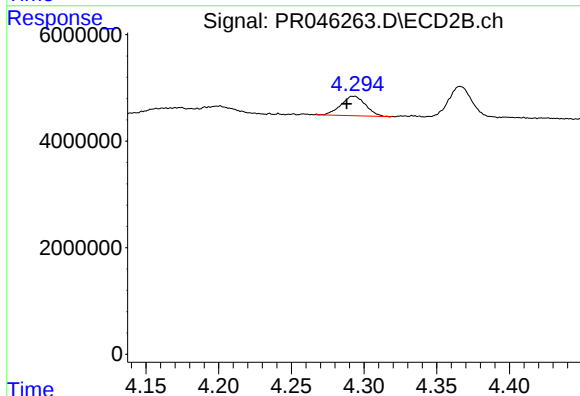
R.T.: 4.200 min
Delta R.T.: 0.000 min
Response: 3606445
Conc: 25.19 ng/ml



#9 AR-1221-2

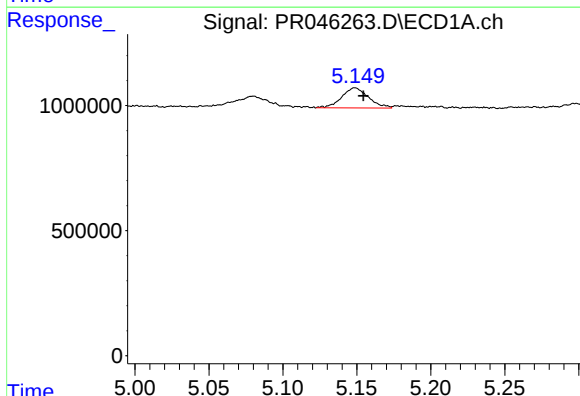
R.T.: 5.080 min
Delta R.T.: 0.005 min
Response: 850936
Conc: 57.96 ng/ml

Instrument :
ECD_R
ClientSampleId :



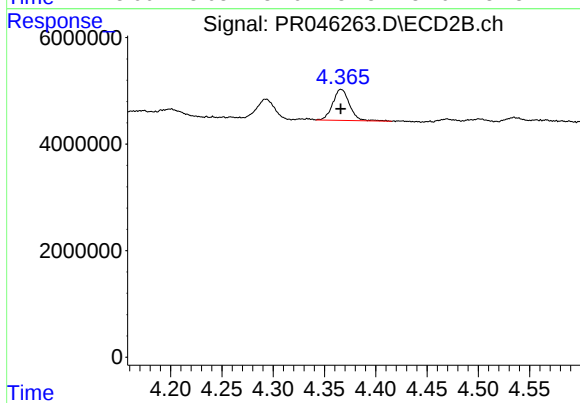
#9 AR-1221-2

R.T.: 4.293 min
Delta R.T.: 0.005 min
Response: 4284960
Conc: 45.02 ng/ml



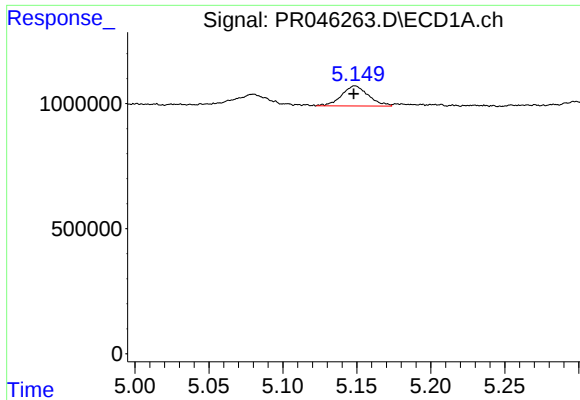
#10 AR-1221-3

R.T.: 5.149 min
Delta R.T.: -0.006 min
Response: 1009261
Conc: 21.51 ng/ml



#10 AR-1221-3

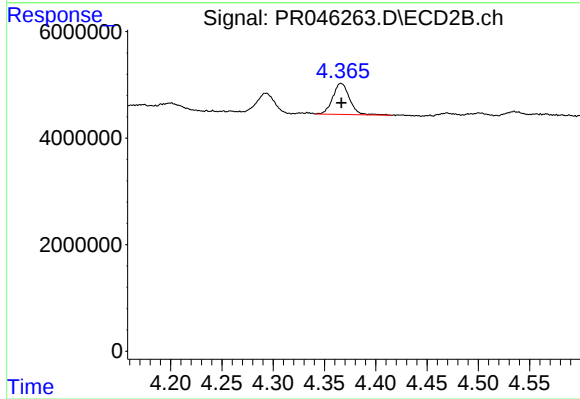
R.T.: 4.366 min
Delta R.T.: 0.000 min
Response: 6690384
Conc: 21.26 ng/ml



#11 AR-1232-1

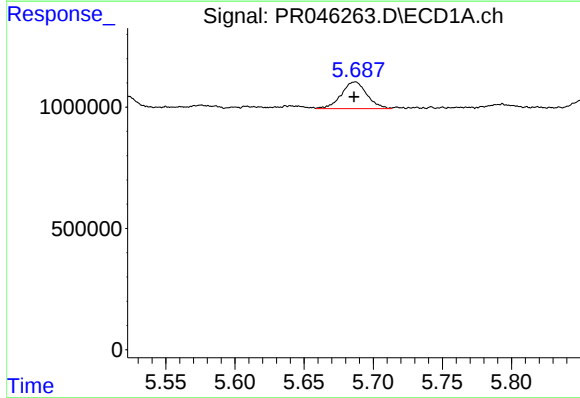
R.T.: 5.149 min
Delta R.T.: 0.000 min
Response: 1009261
Conc: 26.37 ng/ml

Instrument :
ECD_R
ClientSampleId :



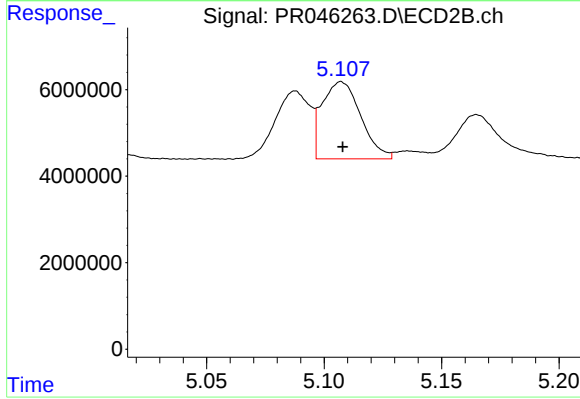
#11 AR-1232-1

R.T.: 4.366 min
Delta R.T.: 0.000 min
Response: 6690384
Conc: 24.87 ng/ml



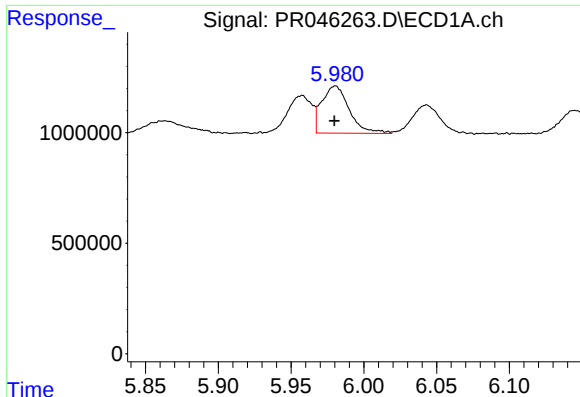
#12 AR-1232-2

R.T.: 5.687 min
Delta R.T.: 0.000 min
Response: 1418784
Conc: 73.33 ng/ml



#12 AR-1232-2

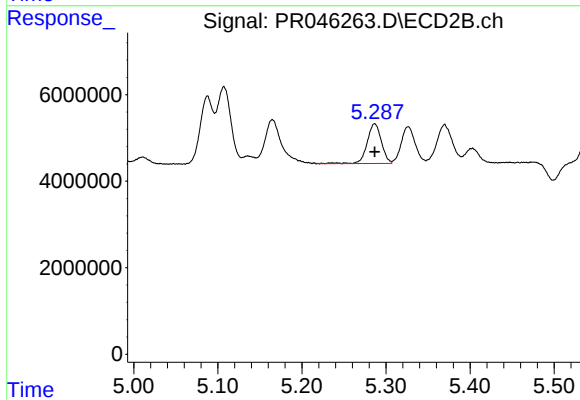
R.T.: 5.107 min
Delta R.T.: 0.000 min
Response: 20430996
Conc: 72.88 ng/ml



#13 AR-1232-3

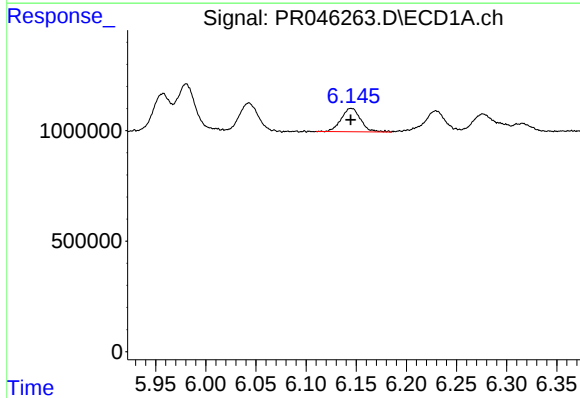
R.T.: 5.980 min
Delta R.T.: 0.000 min
Response: 2823880
Conc: 70.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



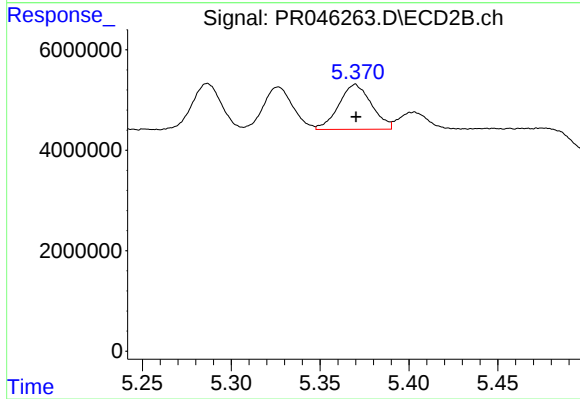
#13 AR-1232-3

R.T.: 5.287 min
Delta R.T.: 0.000 min
Response: 10851940
Conc: 83.56 ng/ml



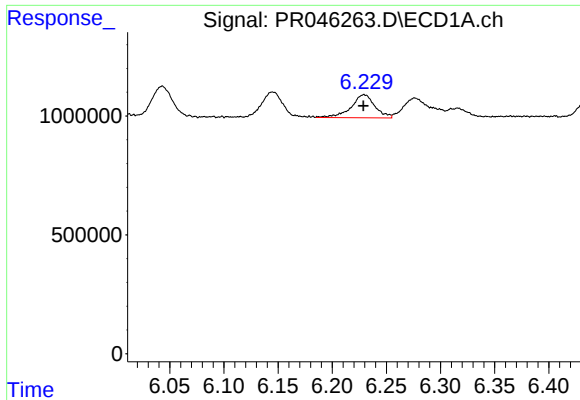
#14 AR-1232-4

R.T.: 6.145 min
Delta R.T.: 0.000 min
Response: 1425344
Conc: 71.53 ng/ml



#14 AR-1232-4

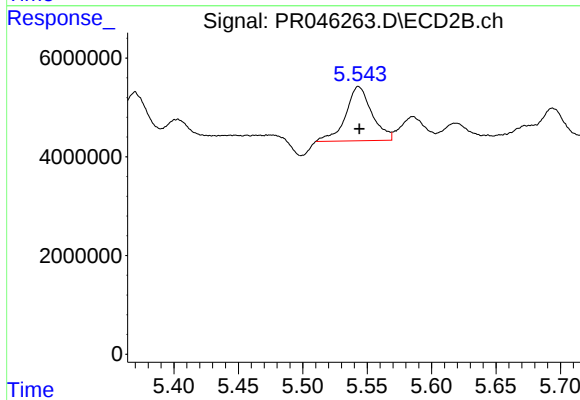
R.T.: 5.370 min
Delta R.T.: 0.000 min
Response: 11448779
Conc: 92.60 ng/ml



#15 AR-1232-5

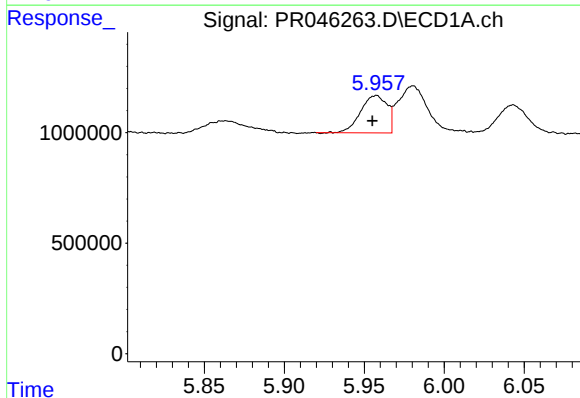
R.T.: 6.230 min
Delta R.T.: 0.000 min
Response: 1490315
Conc: 98.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



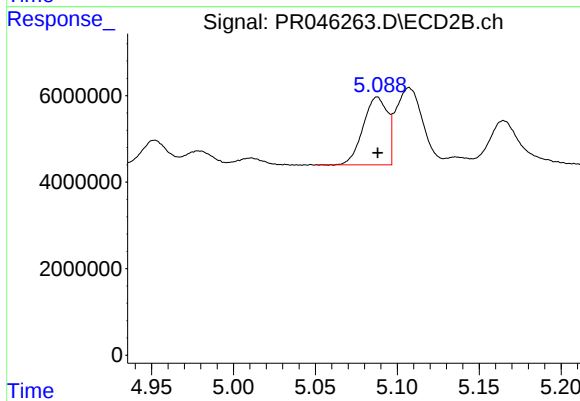
#15 AR-1232-5

R.T.: 5.543 min
Delta R.T.: 0.000 min
Response: 15561281
Conc: 113.33 ng/ml



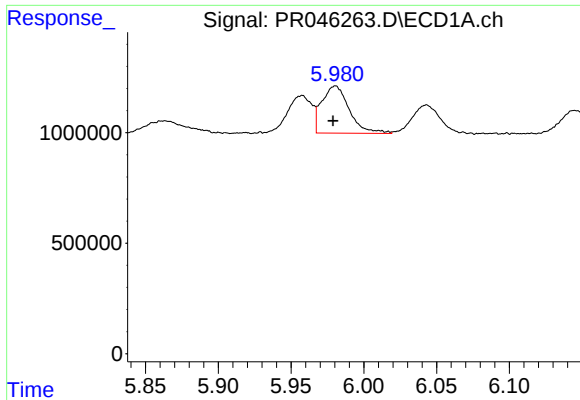
#16 AR-1242-1

R.T.: 5.957 min
Delta R.T.: 0.002 min
Response: 1949855
Conc: 36.07 ng/ml



#16 AR-1242-1

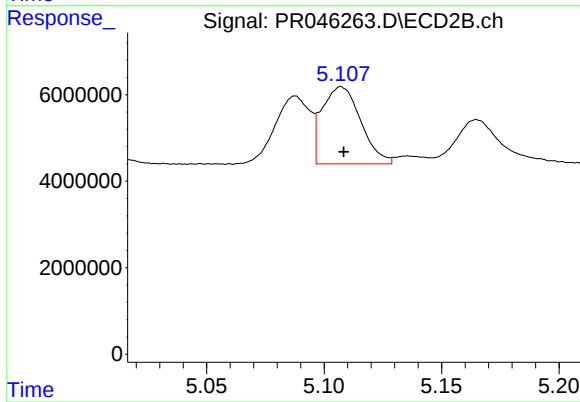
R.T.: 5.088 min
Delta R.T.: 0.000 min
Response: 16184914
Conc: 42.55 ng/ml



#17 AR-1242-2

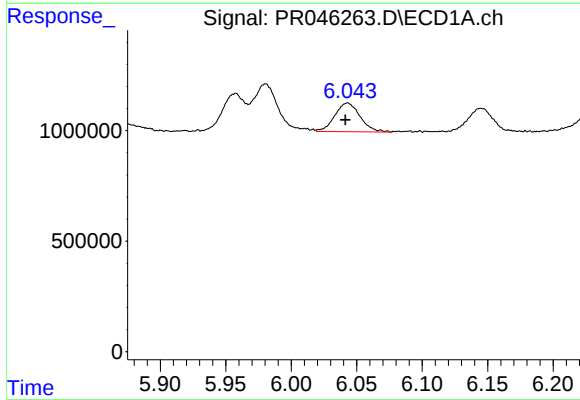
R.T.: 5.980 min
Delta R.T.: 0.002 min
Response: 2823880
Conc: 37.26 ng/ml

Instrument :
ECD_R
ClientSampleId :



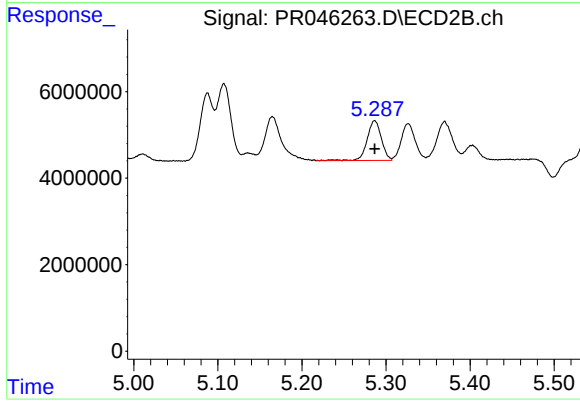
#17 AR-1242-2

R.T.: 5.107 min
Delta R.T.: -0.001 min
Response: 20430996
Conc: 39.01 ng/ml



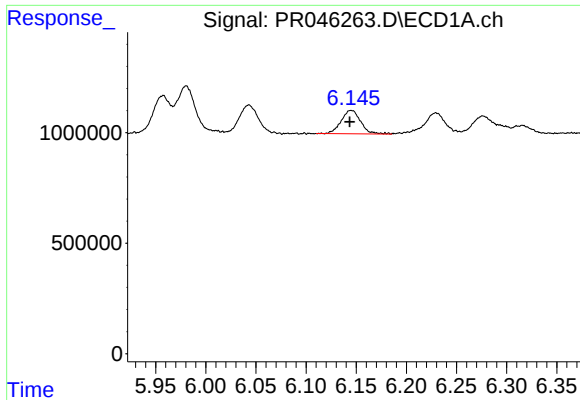
#18 AR-1242-3

R.T.: 6.043 min
Delta R.T.: 0.002 min
Response: 1744334
Conc: 38.14 ng/ml



#18 AR-1242-3

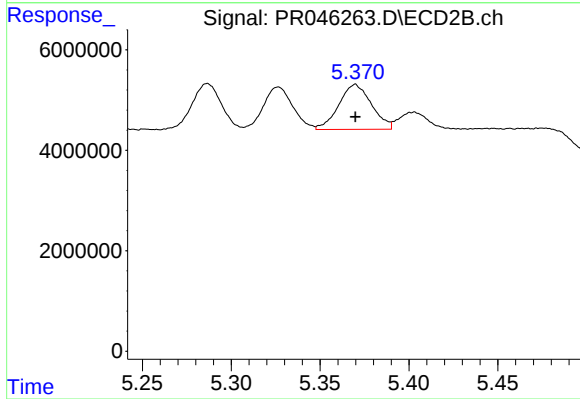
R.T.: 5.287 min
Delta R.T.: 0.000 min
Response: 10851940
Conc: 42.53 ng/ml



#19 AR-1242-4

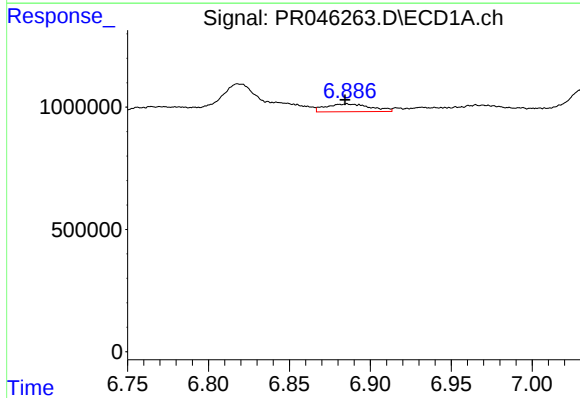
R.T.: 6.145 min
Delta R.T.: 0.001 min
Response: 1425344
Conc: 37.30 ng/ml

Instrument :
ECD_R
ClientSampleId :



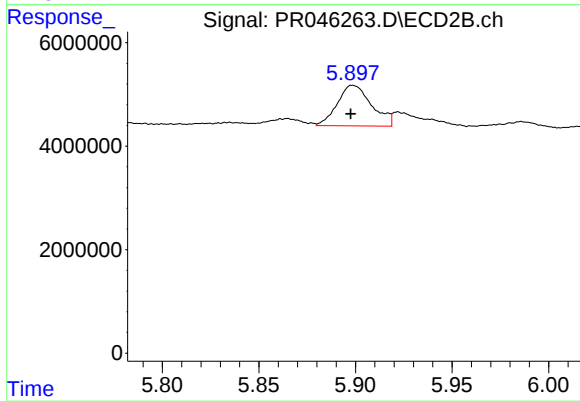
#19 AR-1242-4

R.T.: 5.370 min
Delta R.T.: 0.000 min
Response: 11448779
Conc: 44.01 ng/ml



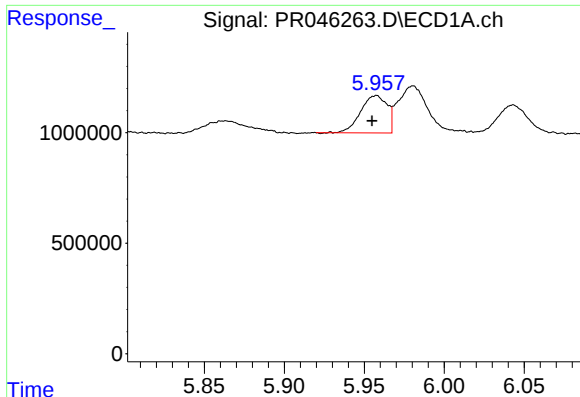
#20 AR-1242-5

R.T.: 6.886 min
Delta R.T.: 0.001 min
Response: 613352
Conc: 13.86 ng/ml



#20 AR-1242-5

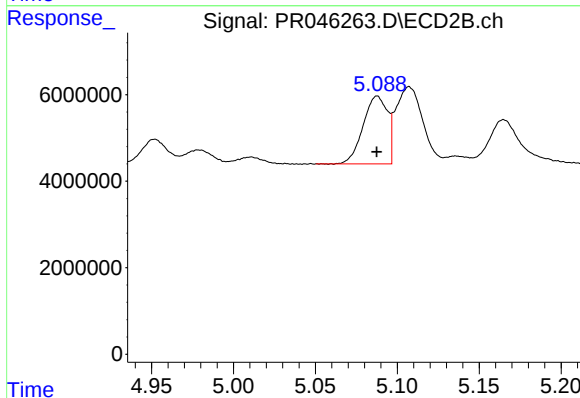
R.T.: 5.899 min
Delta R.T.: 0.001 min
Response: 9695056
Conc: 26.26 ng/ml



#21 AR-1248-1

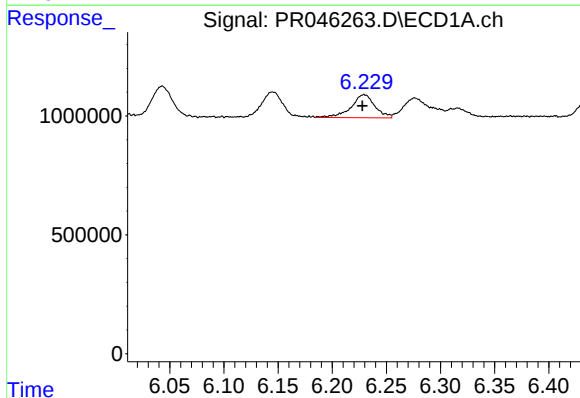
R.T.: 5.957 min
Delta R.T.: 0.002 min
Response: 1949855
Conc: 48.40 ng/ml

Instrument :
ECD_R
ClientSampleId :



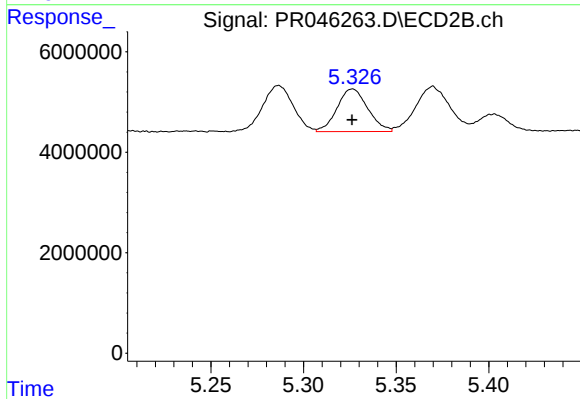
#21 AR-1248-1

R.T.: 5.088 min
Delta R.T.: 0.000 min
Response: 16184914
Conc: 56.13 ng/ml



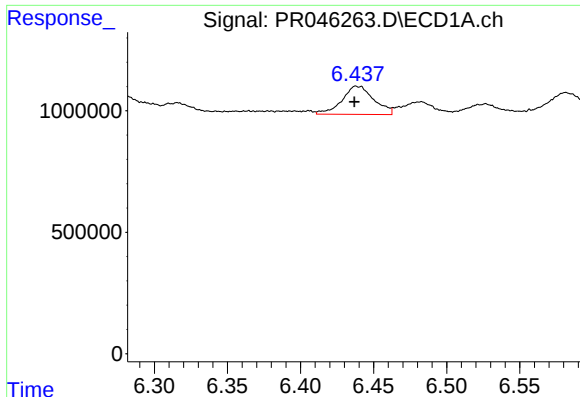
#22 AR-1248-2

R.T.: 6.230 min
Delta R.T.: 0.002 min
Response: 1490315
Conc: 27.32 ng/ml



#22 AR-1248-2

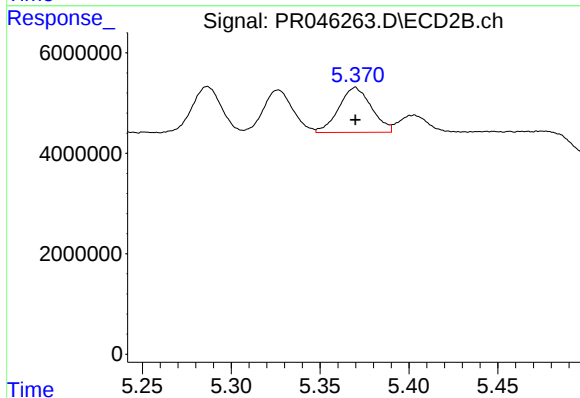
R.T.: 5.326 min
Delta R.T.: 0.000 min
Response: 9749370
Conc: 27.63 ng/ml



#23 AR-1248-3

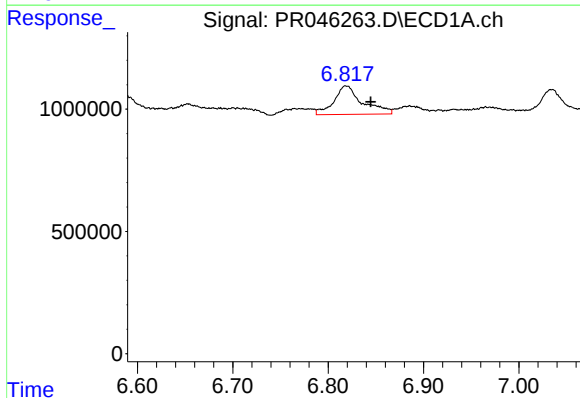
R.T.: 6.438 min
Delta R.T.: 0.002 min
Response: 1765360
Conc: 28.44 ng/ml

Instrument :
ECD_R
ClientSampleId :



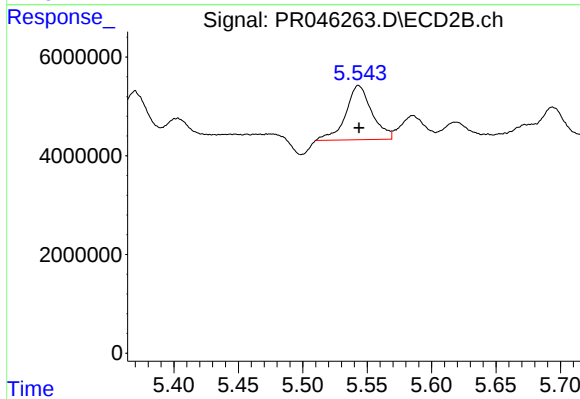
#23 AR-1248-3

R.T.: 5.370 min
Delta R.T.: 0.000 min
Response: 11448779
Conc: 30.59 ng/ml



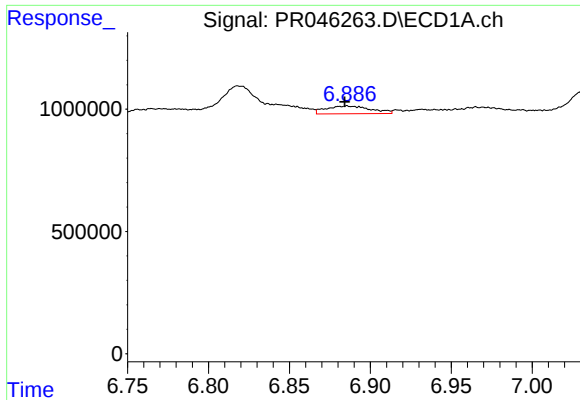
#24 AR-1248-4

R.T.: 6.819 min
Delta R.T.: -0.026 min
Response: 2428021
Conc: 32.96 ng/ml



#24 AR-1248-4

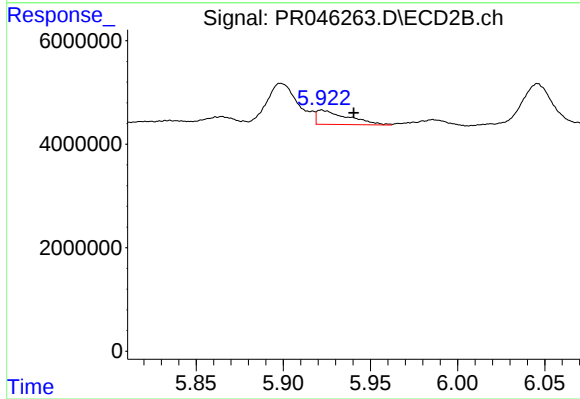
R.T.: 5.543 min
Delta R.T.: 0.000 min
Response: 15561281
Conc: 33.15 ng/ml



#25 AR-1248-5

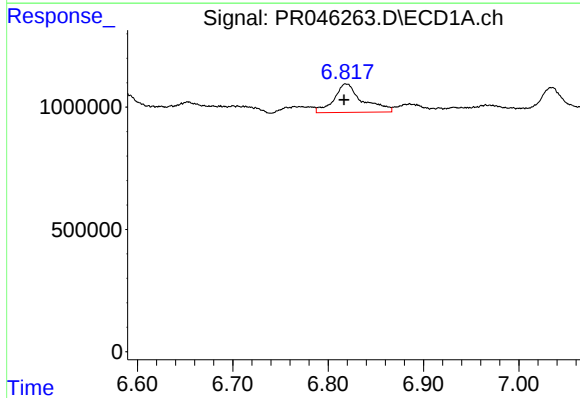
R.T.: 6.886 min
Delta R.T.: 0.002 min
Response: 613352
Conc: 8.73 ng/ml

Instrument :
ECD_R
ClientSampleId :



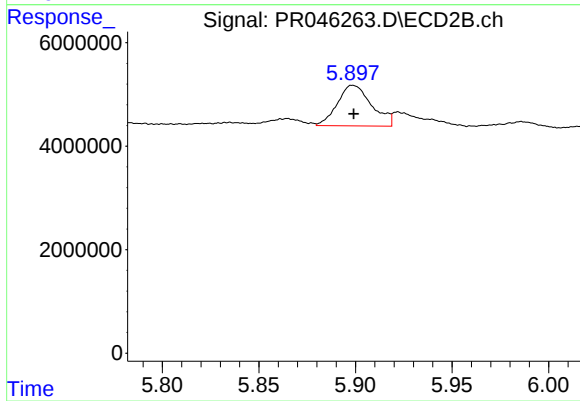
#25 AR-1248-5

R.T.: 5.922 min
Delta R.T.: -0.018 min
Response: 3406865
Conc: 7.04 ng/ml



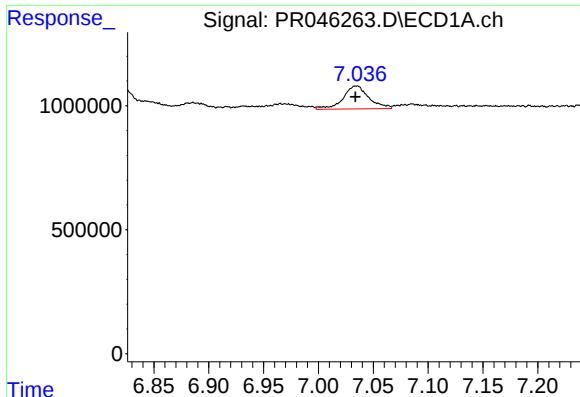
#26 AR-1254-1

R.T.: 6.819 min
Delta R.T.: 0.002 min
Response: 2428021
Conc: 31.45 ng/ml



#26 AR-1254-1

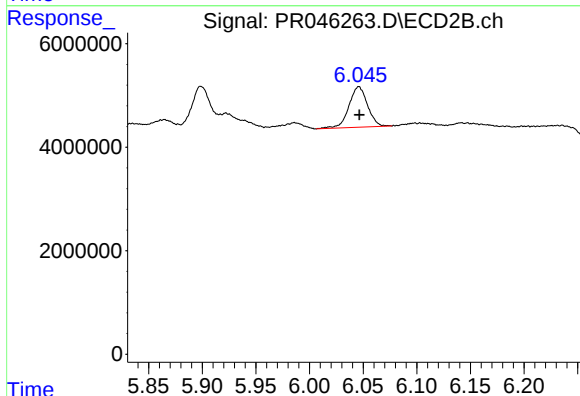
R.T.: 5.899 min
Delta R.T.: 0.000 min
Response: 9695056
Conc: 12.31 ng/ml



#27 AR-1254-2

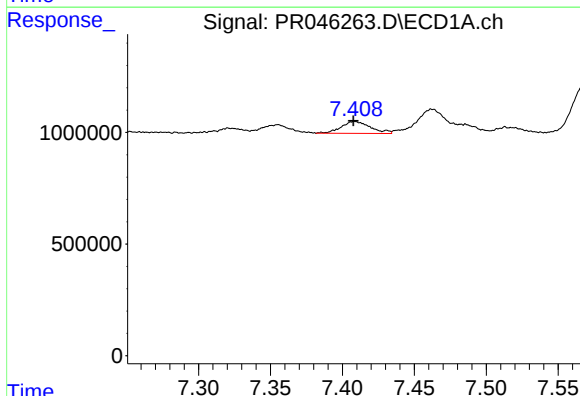
R.T.: 7.035 min
Delta R.T.: 0.000 min
Response: 1524929
Conc: 12.47 ng/ml

Instrument :
ECD_R
ClientSampleId :



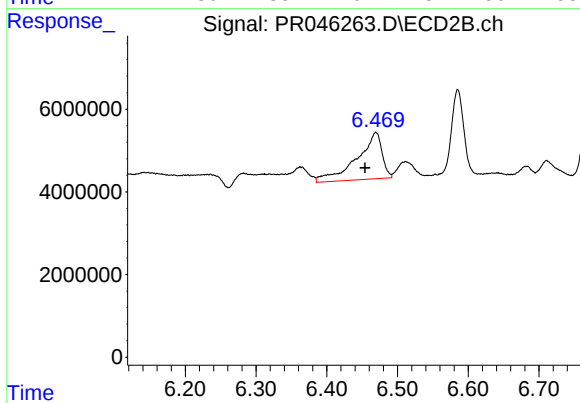
#27 AR-1254-2

R.T.: 6.046 min
Delta R.T.: 0.000 min
Response: 9419363
Conc: 13.70 ng/ml



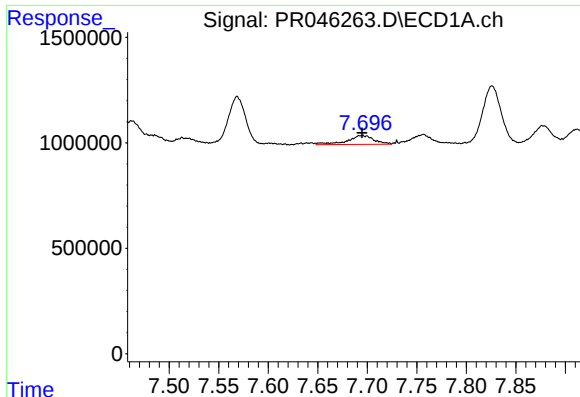
#28 AR-1254-3

R.T.: 7.408 min
Delta R.T.: 0.000 min
Response: 757462
Conc: 5.65 ng/ml



#28 AR-1254-3

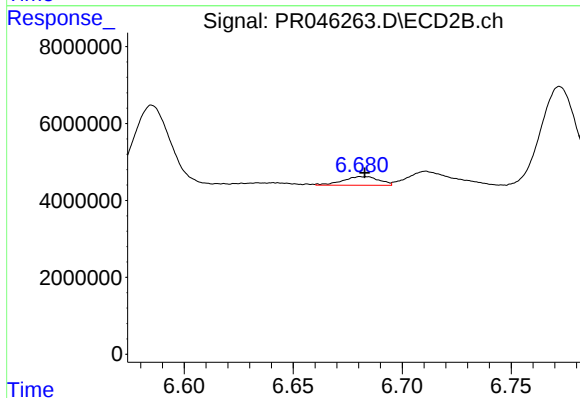
R.T.: 6.469 min
Delta R.T.: 0.015 min
Response: 27659049
Conc: 23.30 ng/ml



#29 AR-1254-4

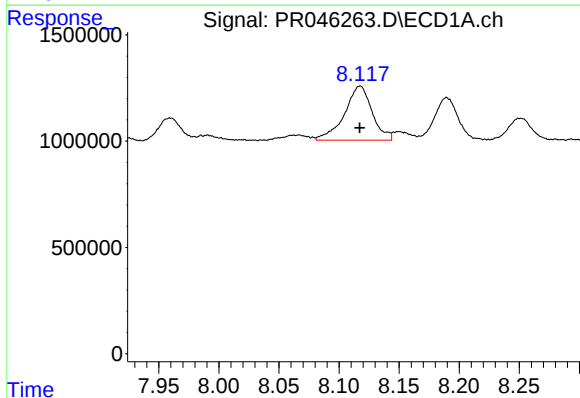
R.T.: 7.695 min
Delta R.T.: 0.000 min
Response: 791464
Conc: 7.71 ng/ml

Instrument :
ECD_R
ClientSampleId :



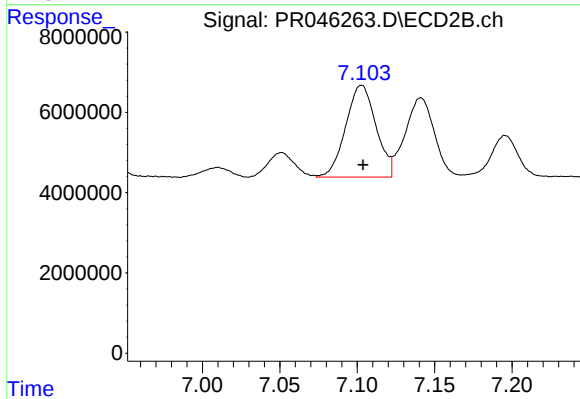
#29 AR-1254-4

R.T.: 6.682 min
Delta R.T.: 0.000 min
Response: 2613953
Conc: 3.39 ng/ml



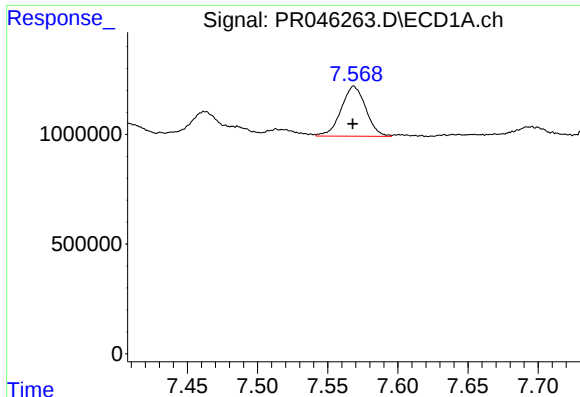
#30 AR-1254-5

R.T.: 8.117 min
Delta R.T.: 0.000 min
Response: 4077999
Conc: 36.67 ng/ml



#30 AR-1254-5

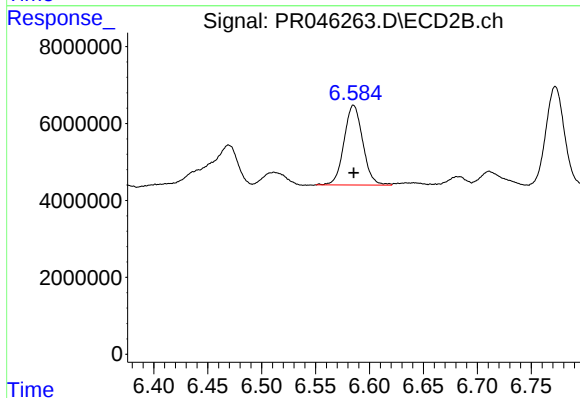
R.T.: 7.103 min
Delta R.T.: -0.001 min
Response: 31203408
Conc: 29.70 ng/ml



#31 AR-1260-1

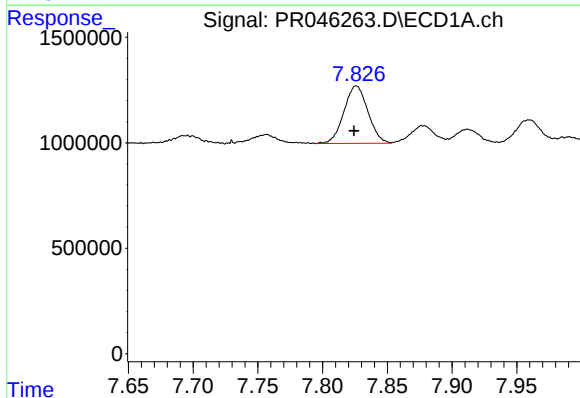
R.T.: 7.569 min
Delta R.T.: 0.001 min
Response: 2794025
Conc: 30.04 ng/ml

Instrument :
ECD_R
ClientSampleId :



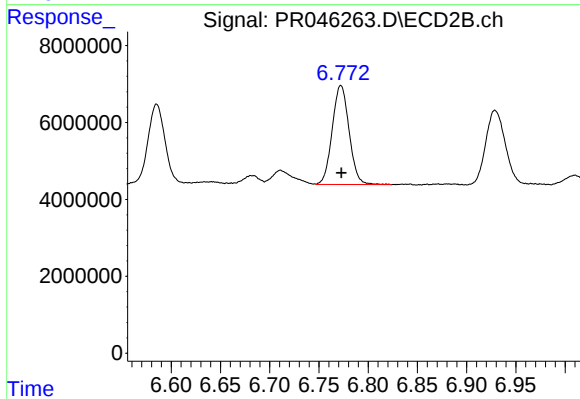
#31 AR-1260-1

R.T.: 6.585 min
Delta R.T.: 0.000 min
Response: 25066036
Conc: 34.73 ng/ml



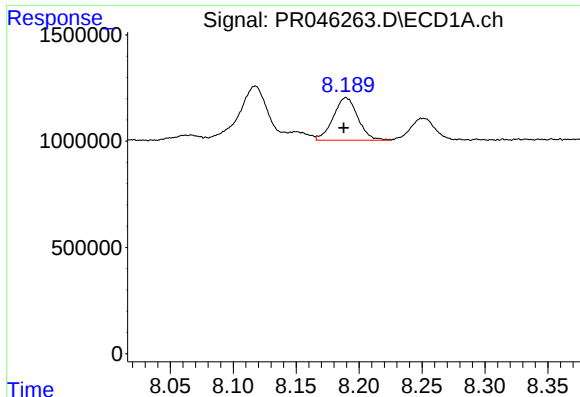
#32 AR-1260-2

R.T.: 7.826 min
Delta R.T.: 0.002 min
Response: 3506859
Conc: 30.53 ng/ml



#32 AR-1260-2

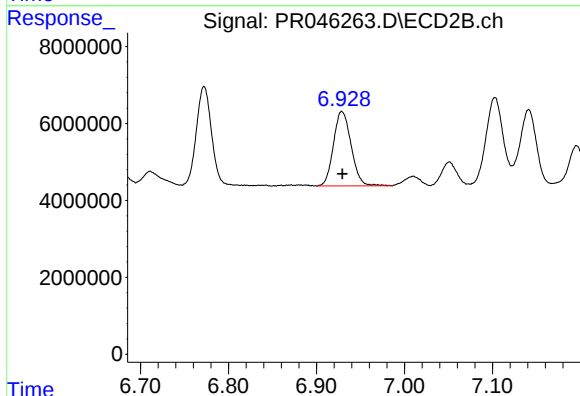
R.T.: 6.772 min
Delta R.T.: 0.000 min
Response: 30722559
Conc: 34.74 ng/ml



#33 AR-1260-3

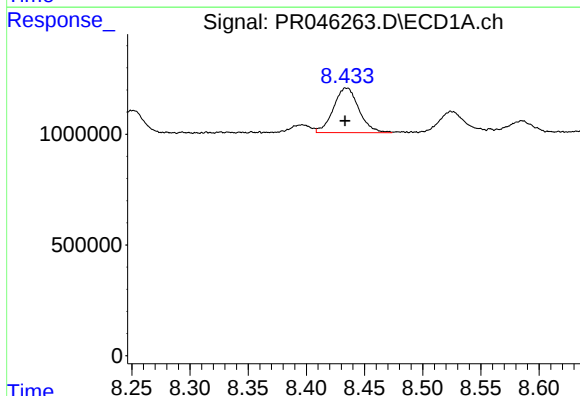
R.T.: 8.190 min
Delta R.T.: 0.002 min
Response: 2733048
Conc: 30.43 ng/ml

Instrument :
ECD_R
ClientSampleId :



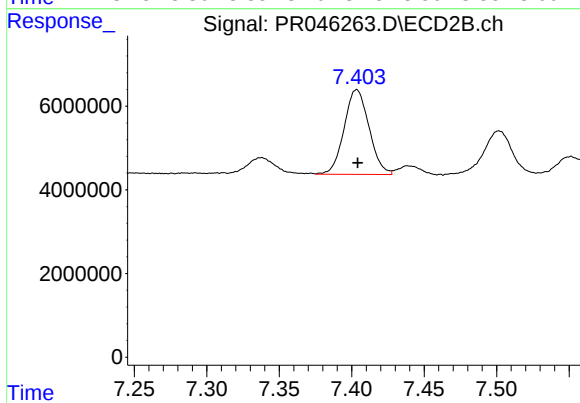
#33 AR-1260-3

R.T.: 6.929 min
Delta R.T.: 0.000 min
Response: 27007468
Conc: 32.80 ng/ml



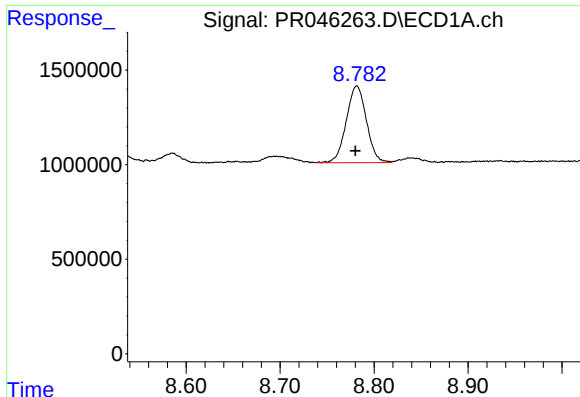
#34 AR-1260-4

R.T.: 8.435 min
Delta R.T.: 0.001 min
Response: 3066439
Conc: 29.46 ng/ml



#34 AR-1260-4

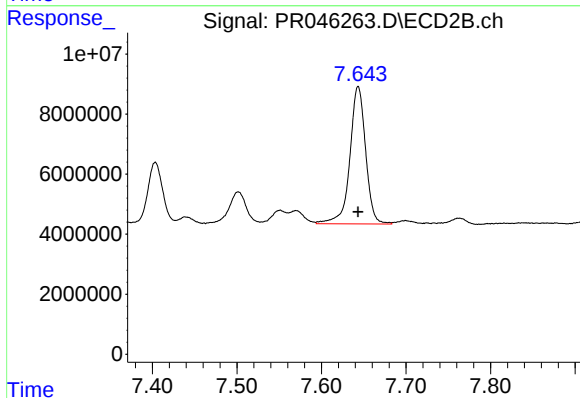
R.T.: 7.403 min
Delta R.T.: 0.000 min
Response: 24251666
Conc: 33.94 ng/ml



#35 AR-1260-5

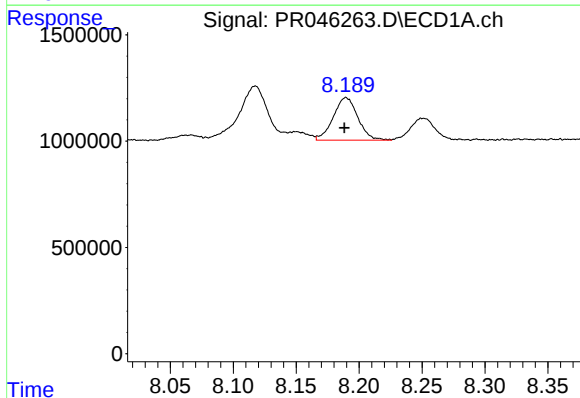
R.T.: 8.782 min
Delta R.T.: 0.002 min
Response: 6059292
Conc: 28.11 ng/ml

Instrument :
ECD_R
ClientSampleId :



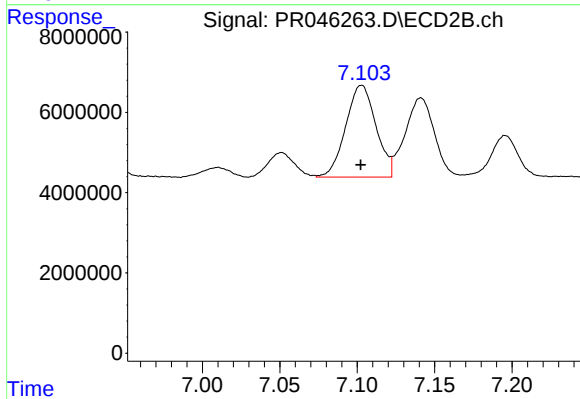
#35 AR-1260-5

R.T.: 7.643 min
Delta R.T.: 0.000 min
Response: 59309742
Conc: 32.03 ng/ml



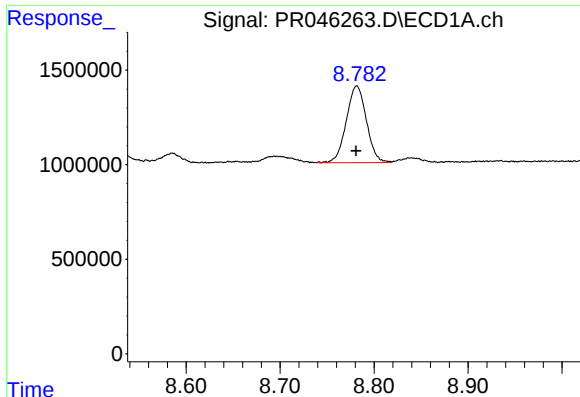
#36 AR-1262-1

R.T.: 8.190 min
Delta R.T.: 0.001 min
Response: 2733048
Conc: 22.44 ng/ml



#36 AR-1262-1

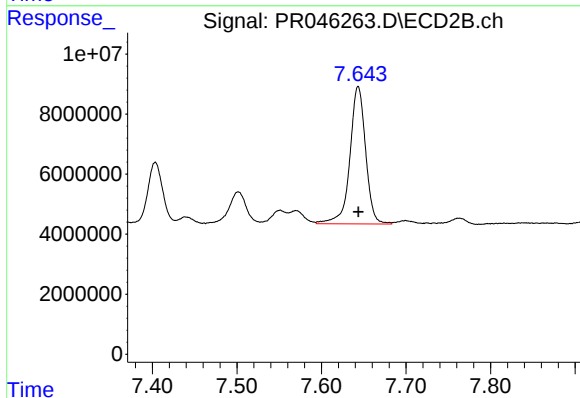
R.T.: 7.103 min
Delta R.T.: 0.000 min
Response: 31203408
Conc: 63.71 ng/ml



#37 AR-1262-2

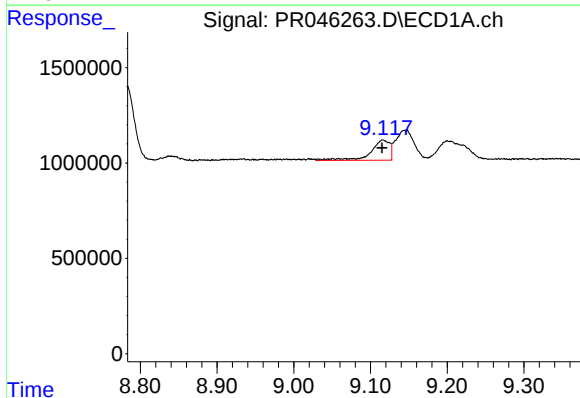
R.T.: 8.782 min
Delta R.T.: 0.000 min
Response: 6059292
Conc: 26.76 ng/ml

Instrument :
ECD_R
ClientSampleId :



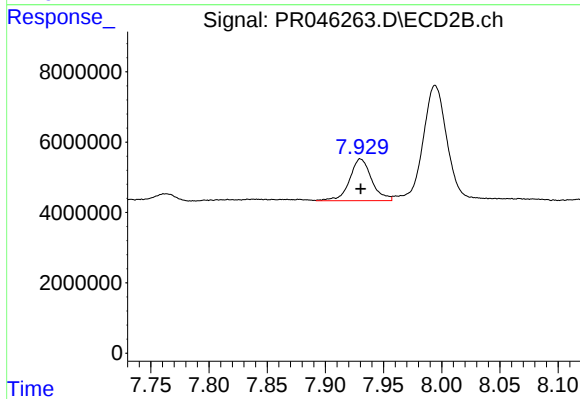
#37 AR-1262-2

R.T.: 7.643 min
Delta R.T.: 0.000 min
Response: 59309742
Conc: 30.51 ng/ml



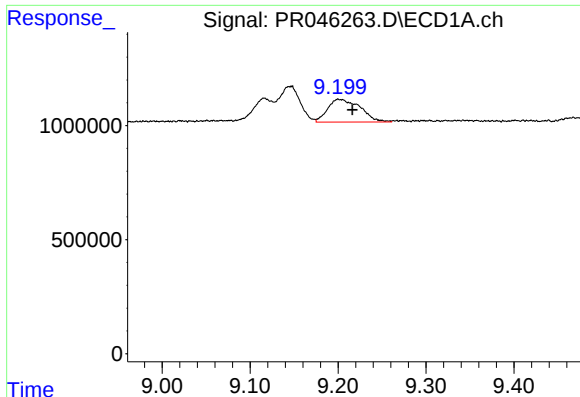
#38 AR-1262-3

R.T.: 9.116 min
Delta R.T.: 0.000 min
Response: 1822229
Conc: 18.66 ng/ml



#38 AR-1262-3

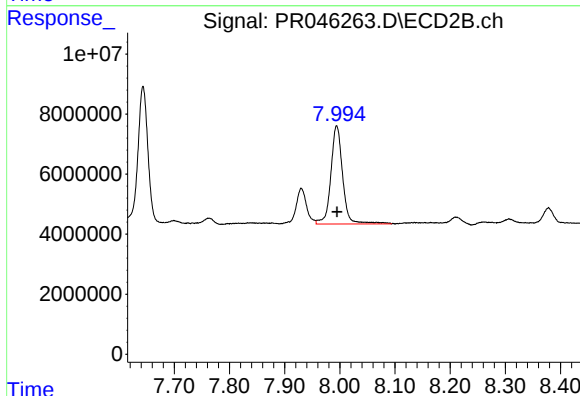
R.T.: 7.930 min
Delta R.T.: 0.000 min
Response: 15716152
Conc: 20.79 ng/ml



#39 AR-1262-4

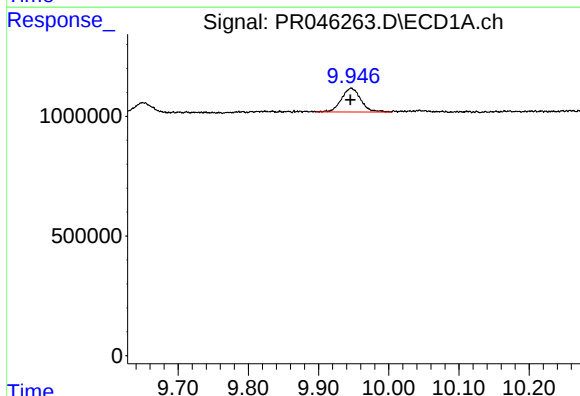
R.T.: 9.200 min
Delta R.T.: -0.016 min
Response: 2571555
Conc: 22.55 ng/ml

Instrument :
ECD_R
ClientSampleId :



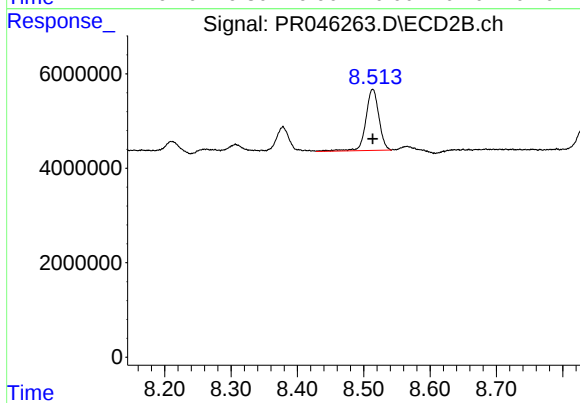
#39 AR-1262-4

R.T.: 7.994 min
Delta R.T.: 0.000 min
Response: 48818493
Conc: 34.42 ng/ml



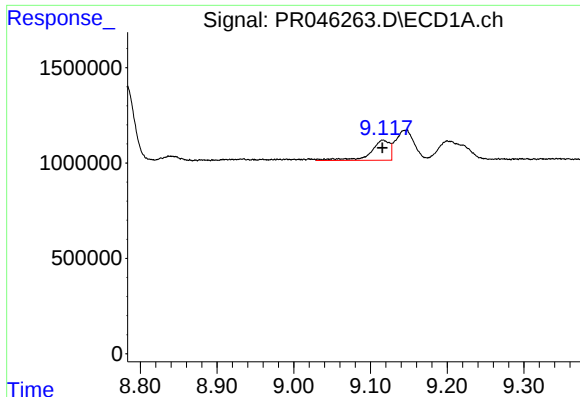
#40 AR-1262-5

R.T.: 9.947 min
Delta R.T.: 0.001 min
Response: 1896999
Conc: 23.18 ng/ml



#40 AR-1262-5

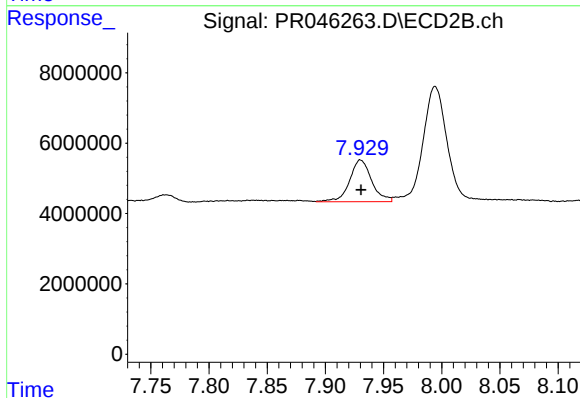
R.T.: 8.514 min
Delta R.T.: 0.000 min
Response: 17746784
Conc: 26.16 ng/ml



#41 AR-1268-1

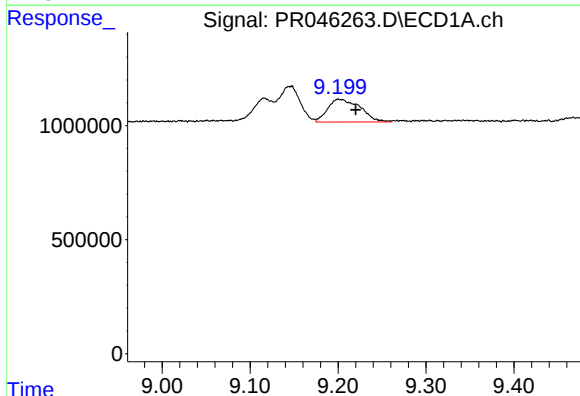
R.T.: 9.116 min
Delta R.T.: 0.000 min
Response: 1822229
Conc: 6.09 ng/ml

Instrument :
ECD_R
ClientSampleId :



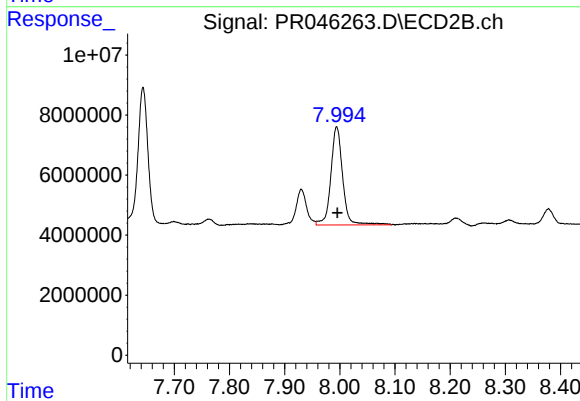
#41 AR-1268-1

R.T.: 7.930 min
Delta R.T.: 0.000 min
Response: 15716152
Conc: 6.26 ng/ml



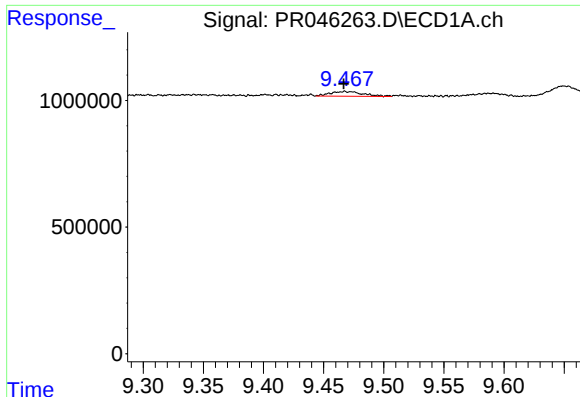
#42 AR-1268-2

R.T.: 9.200 min
Delta R.T.: -0.020 min
Response: 2571555
Conc: 9.25 ng/ml



#42 AR-1268-2

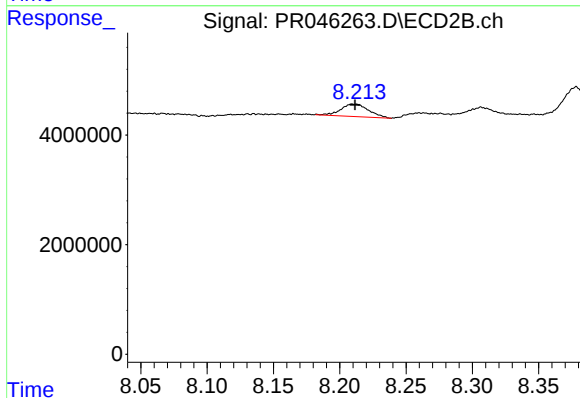
R.T.: 7.994 min
Delta R.T.: -0.002 min
Response: 48818493
Conc: 20.34 ng/ml



#43 AR-1268-3

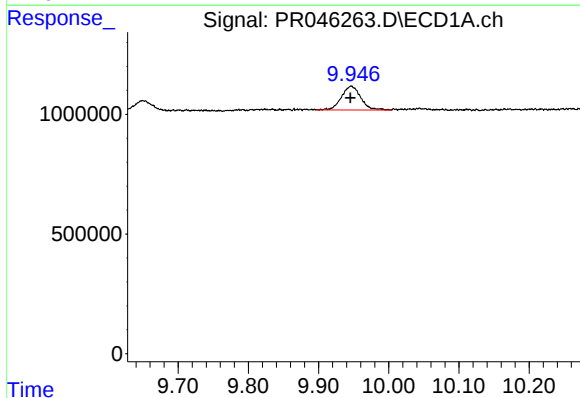
R.T.: 9.467 min
Delta R.T.: 0.000 min
Response: 353615
Conc: 1.54 ng/ml

Instrument :
ECD_R
ClientSampleId :



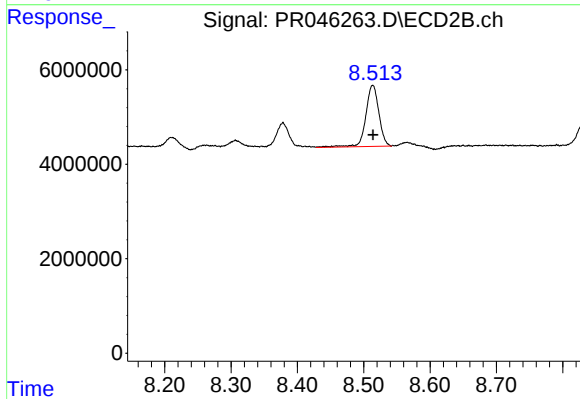
#43 AR-1268-3

R.T.: 8.210 min
Delta R.T.: -0.001 min
Response: 3307632
Conc: 1.65 ng/ml



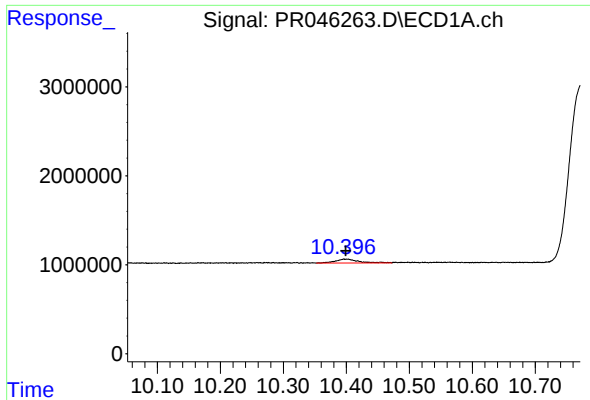
#44 AR-1268-4

R.T.: 9.947 min
Delta R.T.: 0.001 min
Response: 1896999
Conc: 18.33 ng/ml



#44 AR-1268-4

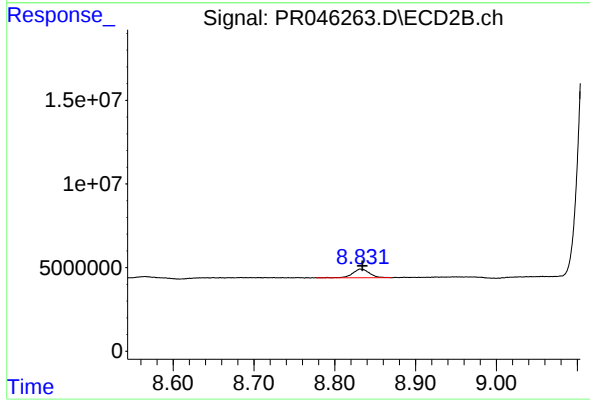
R.T.: 8.514 min
Delta R.T.: 0.000 min
Response: 17746784
Conc: 20.37 ng/ml



#45 AR-1268-5

R.T.: 10.397 min
Delta R.T.: -0.002 min
Response: 1105537
Conc: 1.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.832 min
Delta R.T.: -0.002 min
Response: 7394573
Conc: 1.17 ng/ml