

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR072721\
 Data File : PR051371.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jul 2021 22:26
 Operator : AJ\MA
 Sample : M2940-07
 Misc : AR1262 LOD 25 PPB
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 28 03:11:30 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...	4.629	3.808	134.0E6	125.4E6	16.401	16.860
2)	SA Decachlor...	10.502	8.831	188.8E6	146.8E6	19.656	18.365
Target Compounds							
3)	L1 AR-1016-1	5.807	4.895	881418	1386614	2.429	4.712 #
4)	L1 AR-1016-2	5.834	4.895f	963402	1386614	1.857	3.284 #
5)	L1 AR-1016-3	5.896	5.093	635699	290817	2.095	1.306 #
6)	L1 AR-1016-4	6.000	5.135	797577	1087244	3.104	6.419 #
7)	L1 AR-1016-5	6.295	5.344	205900	254099	0.831	1.149 #
8)	L2 AR-1221-1	4.858	4.031	206478	704579	2.344	9.598 #
9)	L2 AR-1221-2	4.939	4.110	2759604	1944405	41.030	32.968
10)	L2 AR-1221-3	5.015	4.184	806631	352203	3.752	1.851 #
11)	L3 AR-1232-1	5.015	4.184	806631	352203	4.468	2.181 #
12)	L3 AR-1232-2	5.540	4.895f	912596	1386614	9.388	8.272
13)	L3 AR-1232-3	5.834	5.093	963402	290817	4.609	3.337 #
14)	L3 AR-1232-4	6.000	5.172	797577	241213	7.725	3.279 #
15)	L3 AR-1232-5	6.110f	5.344	2329000	254099	31.009	3.123 #
16)	L4 AR-1242-1	5.807	4.895	881418	1386614	3.444	6.691 #
17)	L4 AR-1242-2	5.834	4.895f	963402	1386614	2.548	4.573 #
18)	L4 AR-1242-3	5.896	5.093	635699	290817	2.890	1.822 #
19)	L4 AR-1242-4	6.000	5.172	797577	241213	4.278	1.632 #
20)	L4 AR-1242-5	6.730	5.695	1726647	2563525	7.888	12.784 #
21)	L5 AR-1248-1	5.807	4.895	881418	1386614	4.180	8.128 #
22)	L5 AR-1248-2	6.110f	5.135	2329000	1087244	7.955	4.747 #
23)	L5 AR-1248-3	6.295	5.172	205900	241213	0.616	1.013 #
24)	L5 AR-1248-4	6.715f	5.344	550299	254099	1.324	0.886 #
25)	L5 AR-1248-5	6.730	0.000	1726647	0	4.329	N.D. #
26)	L6 AR-1254-1	6.669	5.695	4021363	2563525	11.346	6.241 #
27)	L6 AR-1254-2	6.885	5.841	4751892	1810597	8.454	5.205 #
28)	L6 AR-1254-3	7.257	6.259f	3113155	6384036	5.200	10.595 #
29)	L6 AR-1254-4	7.541	6.470	3782417	442065	7.694	1.177 #
30)	L6 AR-1254-5	7.960	6.885	13745397	8376837	29.013	16.216 #
31)	L7 AR-1260-1	7.417	6.373	14163367	9946256	29.684	24.132
32)	L7 AR-1260-2	7.674	6.560	14201730	12266068	22.486	24.263
33)	L7 AR-1260-3	8.032	6.715	21657391	11241068	43.316	22.957 #
34)	L7 AR-1260-4	8.269	7.183	18491119	14809442	36.107	36.235
35)	L7 AR-1260-5	8.604	7.423	33598694	29427150	29.153	28.079
36)	L8 AR-1262-1	8.032	6.885	21657391	8376837	32.987	30.288
37)	L8 AR-1262-2	8.604	7.423	33598694	29427150	27.970	28.976
38)	L8 AR-1262-3	8.926	7.707	23432643	12440078	30.731	33.814
39)	L8 AR-1262-4	9.023	7.770	17833971	22213096	30.625	30.477
40)	L8 AR-1262-5	9.719	8.269	12480483	10766437	29.691	33.008
41)	L9 AR-1268-1	8.926	7.707	23432643	12440078	16.579	11.549 #

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 Acq On : 27 Jul 2021 22:26
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 Misc : AR1262 LOD 25 PPB
 ALS Vial : 32 Sample Multiplier: 1

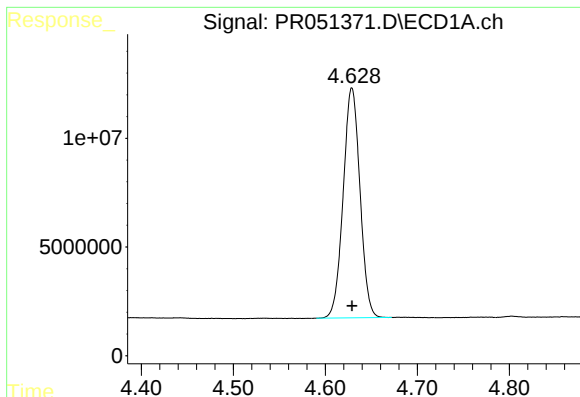
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 28 03:11:30 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
42) L9	AR-1268-2	9.023	7.770	17833971	22213096	13.968	22.308 #
43) L9	AR-1268-3	9.263	7.978	3640746	1820349	3.261	2.213 #
44) L9	AR-1268-4	9.719	8.269	12480483	10766437	27.514	30.332
45) L9	AR-1268-5	10.151	8.569	7412138	5135973	2.026	1.848

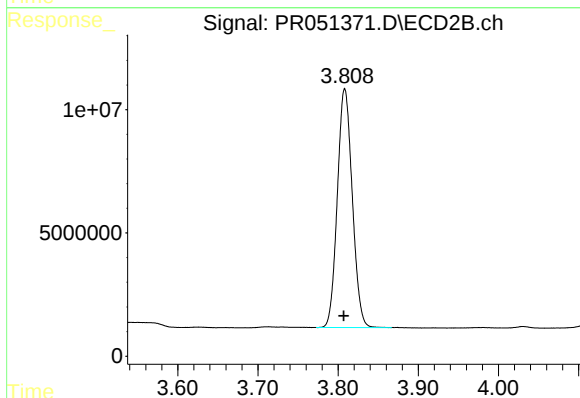
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

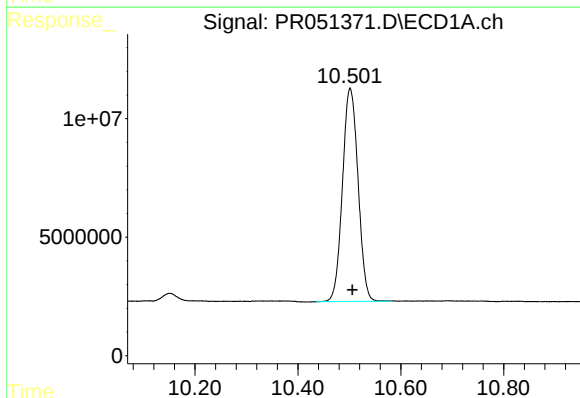
R.T.: 4.629 min
Delta R.T.: 0.000 min
Response: 134044401
Conc: 16.40 ng/ml

Instrument :
ECD_R
ClientSampleId :



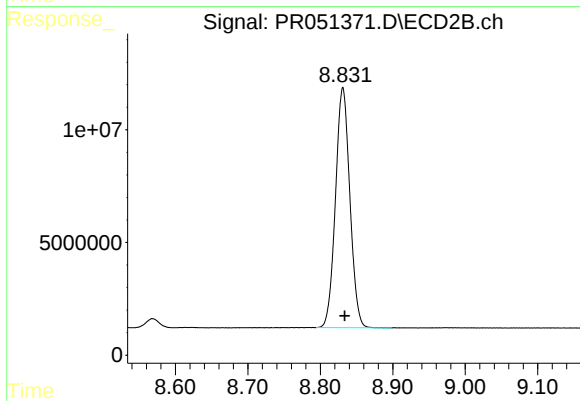
#1 Tetrachloro-m-xylene

R.T.: 3.808 min
Delta R.T.: 0.001 min
Response: 125367992
Conc: 16.86 ng/ml



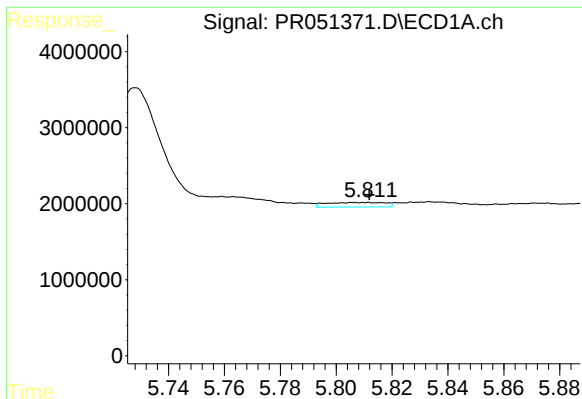
#2 Decachlorobiphenyl

R.T.: 10.502 min
Delta R.T.: -0.004 min
Response: 188806476
Conc: 19.66 ng/ml



#2 Decachlorobiphenyl

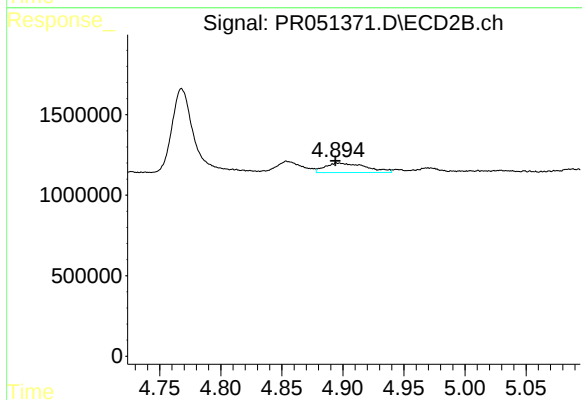
R.T.: 8.831 min
Delta R.T.: -0.002 min
Response: 146839523
Conc: 18.37 ng/ml



#3 AR-1016-1

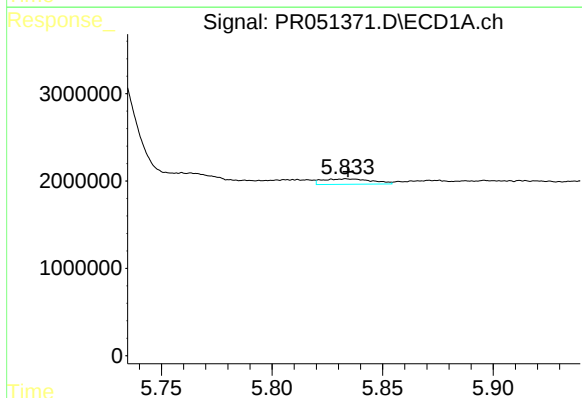
R.T.: 5.807 min
Delta R.T.: -0.005 min
Response: 881418
Conc: 2.43 ng/ml

Instrument :
ECD_R
ClientSampleId :



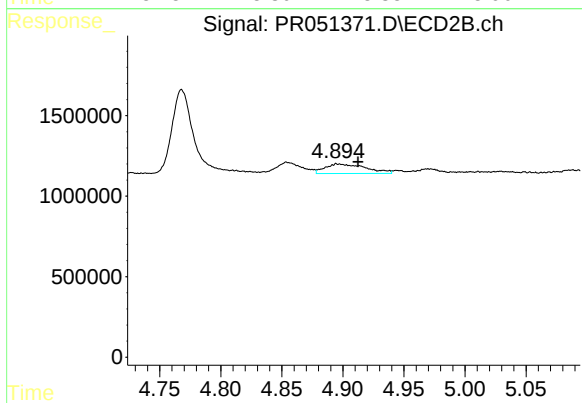
#3 AR-1016-1

R.T.: 4.895 min
Delta R.T.: 0.002 min
Response: 1386614
Conc: 4.71 ng/ml



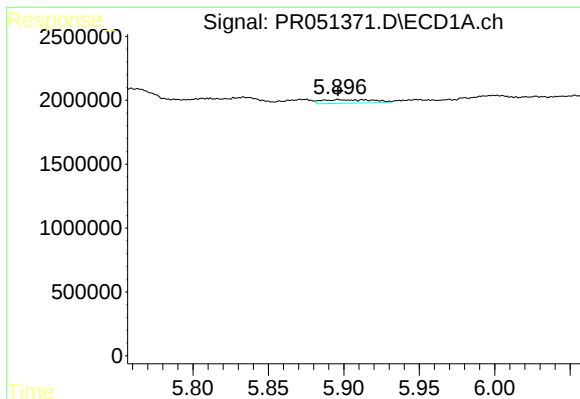
#4 AR-1016-2

R.T.: 5.834 min
Delta R.T.: 0.000 min
Response: 963402
Conc: 1.86 ng/ml



#4 AR-1016-2

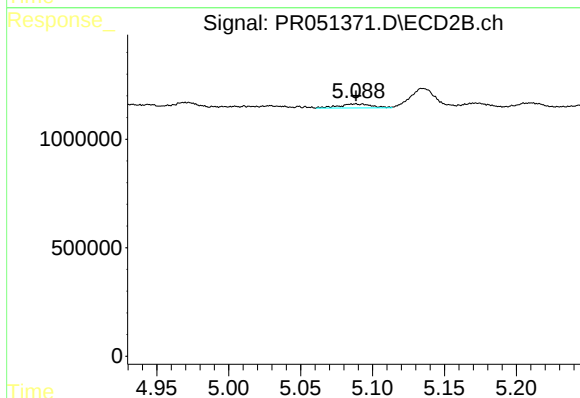
R.T.: 4.895 min
Delta R.T.: -0.017 min
Response: 1386614
Conc: 3.28 ng/ml



#5 AR-1016-3

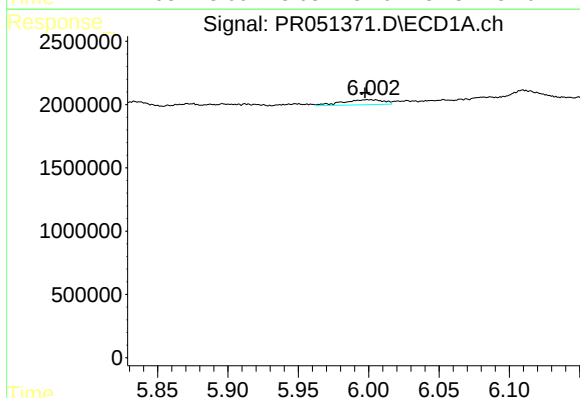
R.T.: 5.896 min
Delta R.T.: 0.000 min
Response: 635699
Conc: 2.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



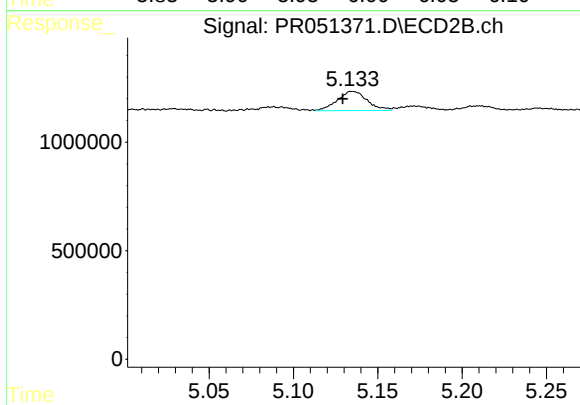
#5 AR-1016-3

R.T.: 5.093 min
Delta R.T.: 0.005 min
Response: 290817
Conc: 1.31 ng/ml



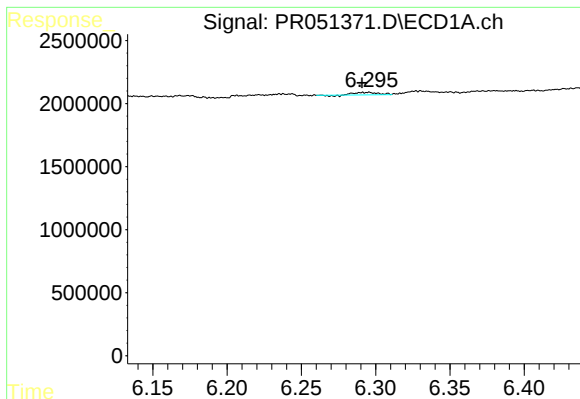
#6 AR-1016-4

R.T.: 6.000 min
Delta R.T.: 0.002 min
Response: 797577
Conc: 3.10 ng/ml



#6 AR-1016-4

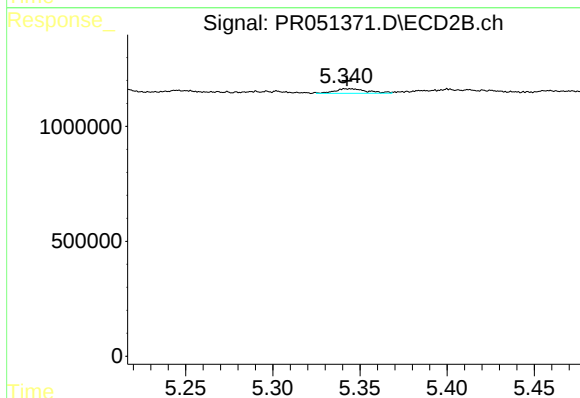
R.T.: 5.135 min
Delta R.T.: 0.006 min
Response: 1087244
Conc: 6.42 ng/ml



#7 AR-1016-5

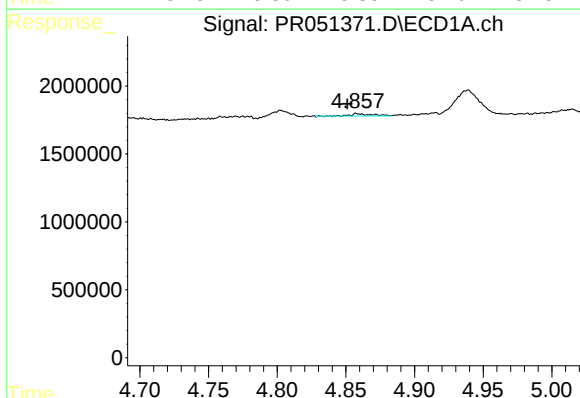
R.T.: 6.295 min
Delta R.T.: 0.005 min
Response: 205900
Conc: 0.83 ng/ml

Instrument :
ECD_R
ClientSampleId :



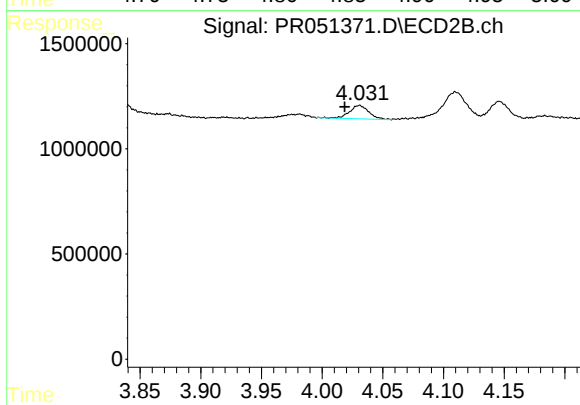
#7 AR-1016-5

R.T.: 5.344 min
Delta R.T.: 0.001 min
Response: 254099
Conc: 1.15 ng/ml



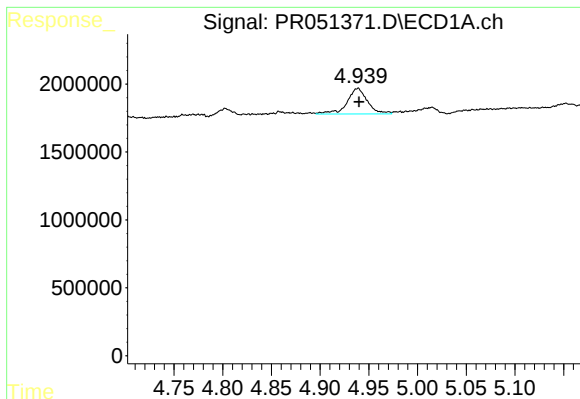
#8 AR-1221-1

R.T.: 4.858 min
Delta R.T.: 0.007 min
Response: 206478
Conc: 2.34 ng/ml



#8 AR-1221-1

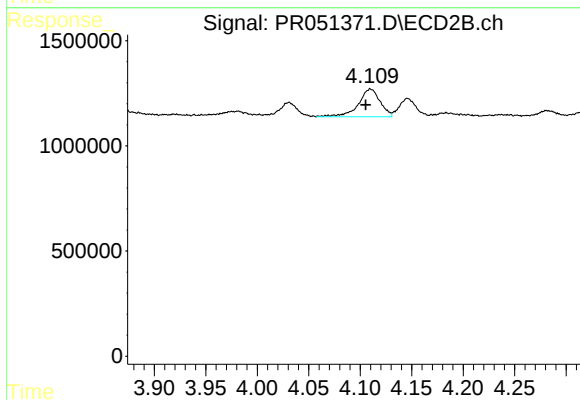
R.T.: 4.031 min
Delta R.T.: 0.012 min
Response: 704579
Conc: 9.60 ng/ml



#9 AR-1221-2

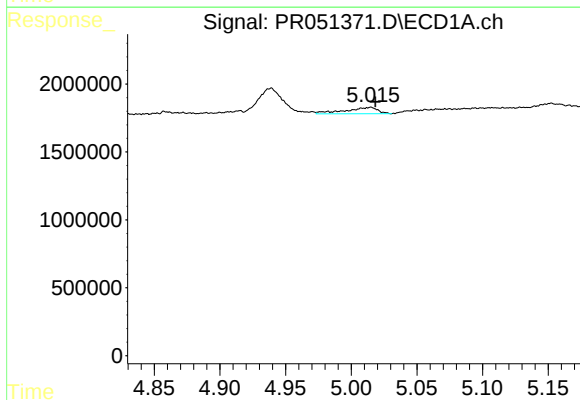
R.T.: 4.939 min
Delta R.T.: -0.001 min
Response: 2759604
Conc: 41.03 ng/ml

Instrument :
ECD_R
ClientSampleId :



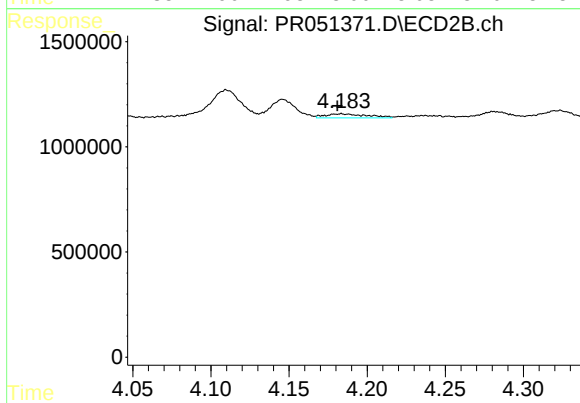
#9 AR-1221-2

R.T.: 4.110 min
Delta R.T.: 0.005 min
Response: 1944405
Conc: 32.97 ng/ml



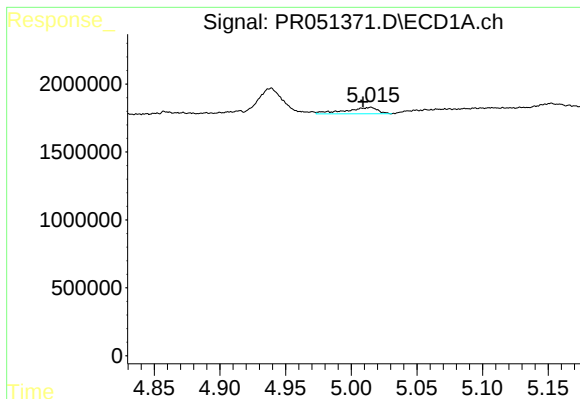
#10 AR-1221-3

R.T.: 5.015 min
Delta R.T.: -0.004 min
Response: 806631
Conc: 3.75 ng/ml



#10 AR-1221-3

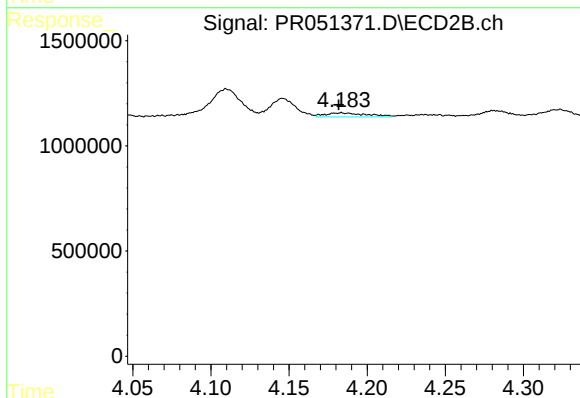
R.T.: 4.184 min
Delta R.T.: 0.002 min
Response: 352203
Conc: 1.85 ng/ml



#11 AR-1232-1

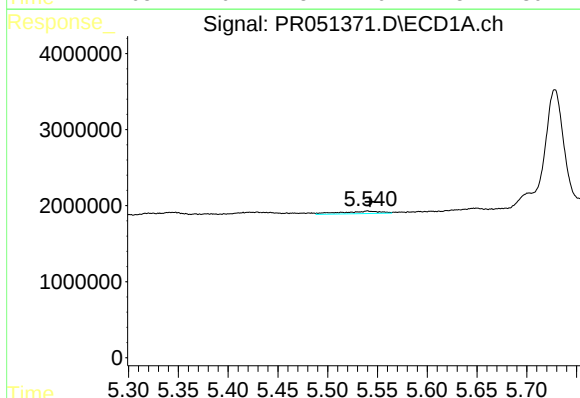
R.T.: 5.015 min
Delta R.T.: 0.006 min
Response: 806631
Conc: 4.47 ng/ml

Instrument :
ECD_R
ClientSampleId :



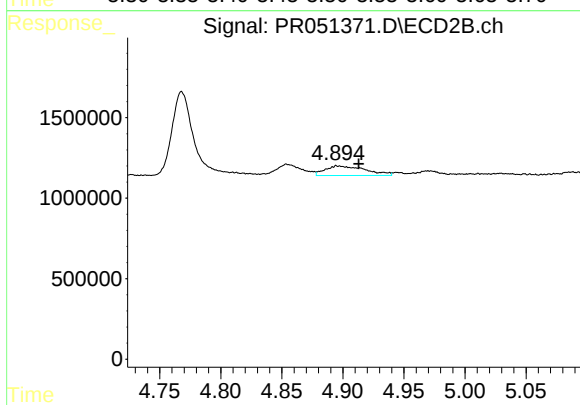
#11 AR-1232-1

R.T.: 4.184 min
Delta R.T.: 0.002 min
Response: 352203
Conc: 2.18 ng/ml



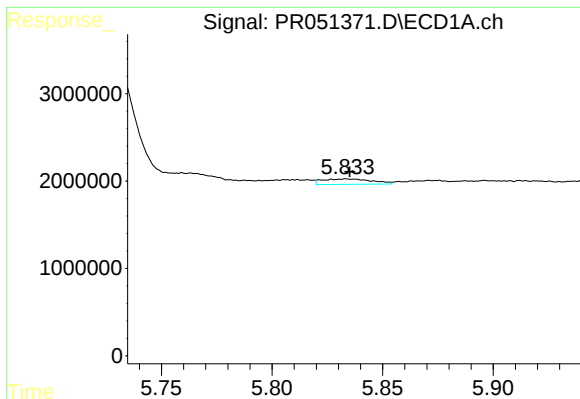
#12 AR-1232-2

R.T.: 5.540 min
Delta R.T.: -0.003 min
Response: 912596
Conc: 9.39 ng/ml



#12 AR-1232-2

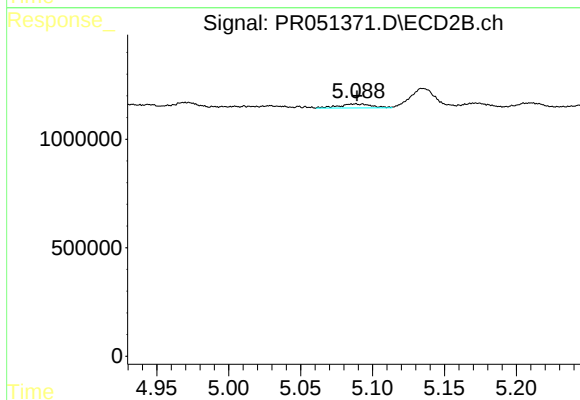
R.T.: 4.895 min
Delta R.T.: -0.017 min
Response: 1386614
Conc: 8.27 ng/ml



#13 AR-1232-3

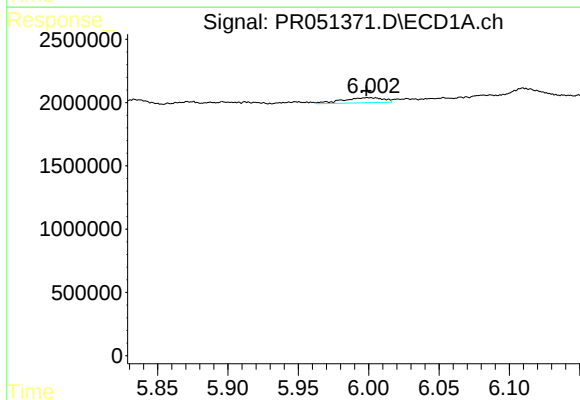
R.T.: 5.834 min
Delta R.T.: -0.002 min
Response: 963402
Conc: 4.61 ng/ml

Instrument :
ECD_R
ClientSampleId :



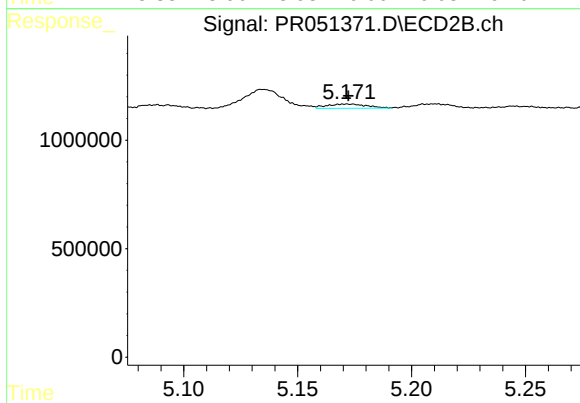
#13 AR-1232-3

R.T.: 5.093 min
Delta R.T.: 0.004 min
Response: 290817
Conc: 3.34 ng/ml



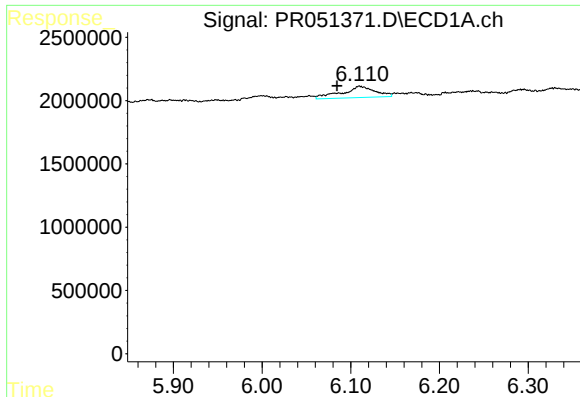
#14 AR-1232-4

R.T.: 6.000 min
Delta R.T.: 0.001 min
Response: 797577
Conc: 7.72 ng/ml



#14 AR-1232-4

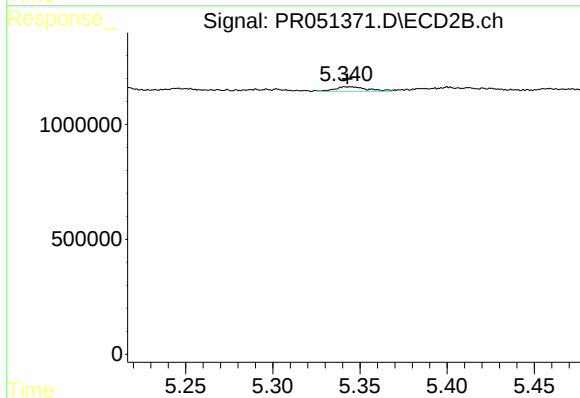
R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 241213
Conc: 3.28 ng/ml



#15 AR-1232-5

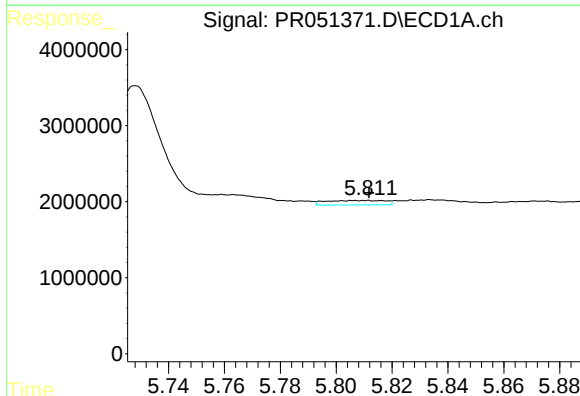
R.T.: 6.110 min
Delta R.T.: 0.025 min
Response: 2329000
Conc: 31.01 ng/ml

Instrument :
ECD_R
ClientSampleId :



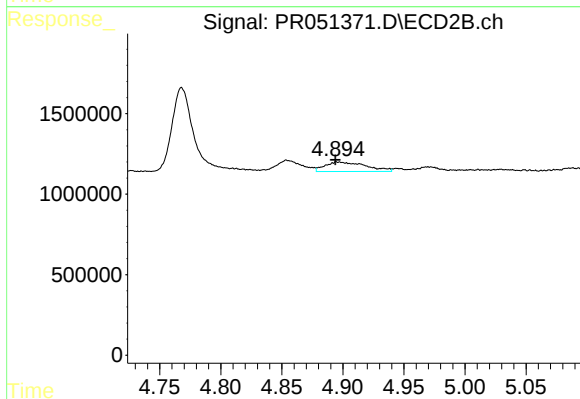
#15 AR-1232-5

R.T.: 5.344 min
Delta R.T.: 0.000 min
Response: 254099
Conc: 3.12 ng/ml



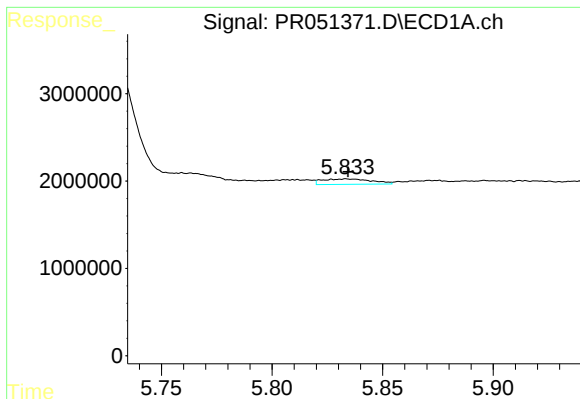
#16 AR-1242-1

R.T.: 5.807 min
Delta R.T.: -0.005 min
Response: 881418
Conc: 3.44 ng/ml



#16 AR-1242-1

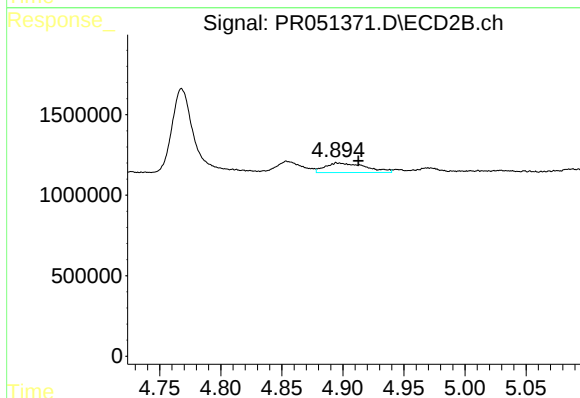
R.T.: 4.895 min
Delta R.T.: 0.001 min
Response: 1386614
Conc: 6.69 ng/ml



#17 AR-1242-2

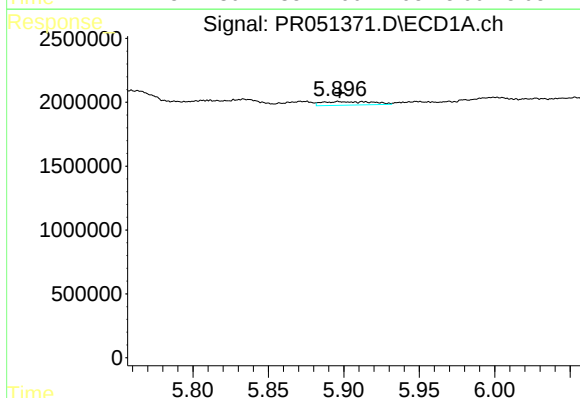
R.T.: 5.834 min
Delta R.T.: 0.000 min
Response: 963402
Conc: 2.55 ng/ml

Instrument :
ECD_R
ClientSampleId :



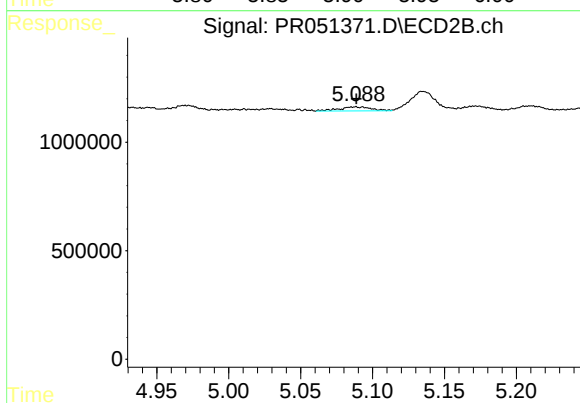
#17 AR-1242-2

R.T.: 4.895 min
Delta R.T.: -0.017 min
Response: 1386614
Conc: 4.57 ng/ml



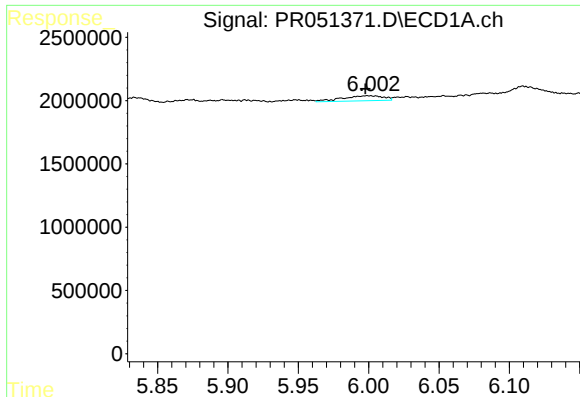
#18 AR-1242-3

R.T.: 5.896 min
Delta R.T.: 0.000 min
Response: 635699
Conc: 2.89 ng/ml



#18 AR-1242-3

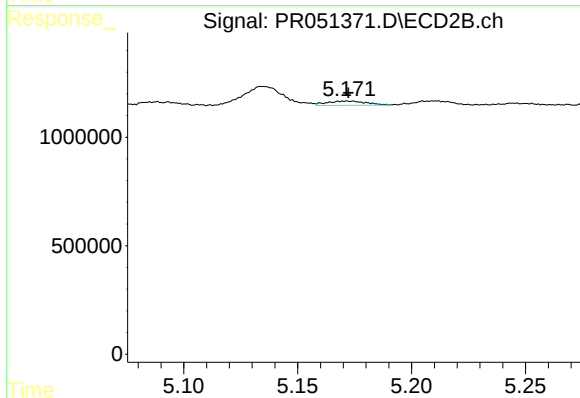
R.T.: 5.093 min
Delta R.T.: 0.004 min
Response: 290817
Conc: 1.82 ng/ml



#19 AR-1242-4

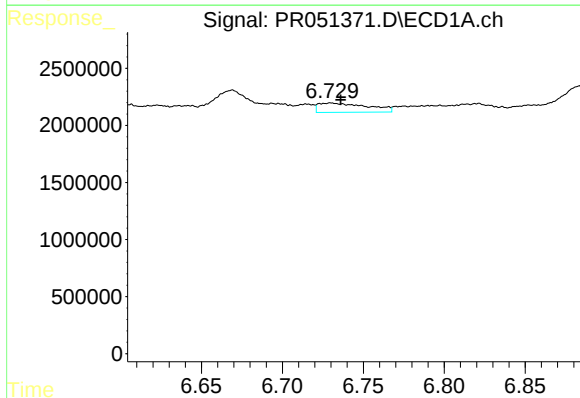
R.T.: 6.000 min
Delta R.T.: 0.002 min
Response: 797577
Conc: 4.28 ng/ml

Instrument :
ECD_R
ClientSampleId :



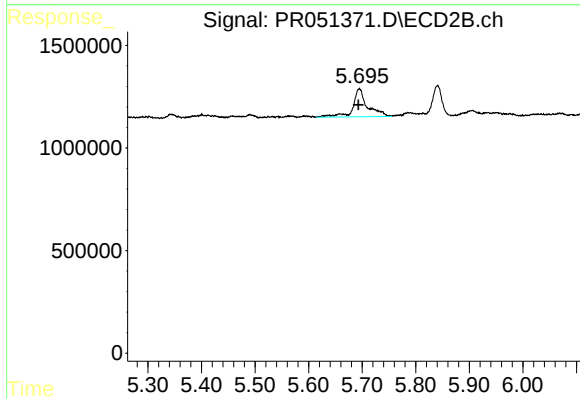
#19 AR-1242-4

R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 241213
Conc: 1.63 ng/ml



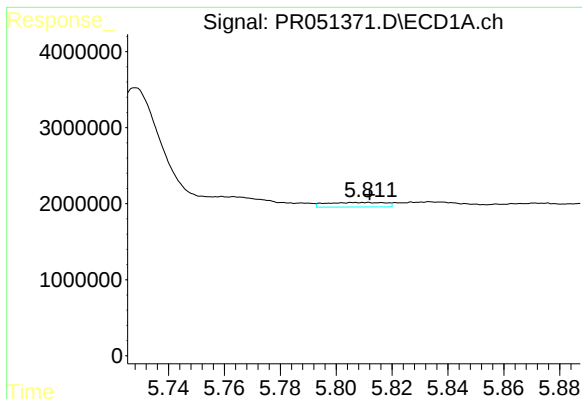
#20 AR-1242-5

R.T.: 6.730 min
Delta R.T.: -0.006 min
Response: 1726647
Conc: 7.89 ng/ml



#20 AR-1242-5

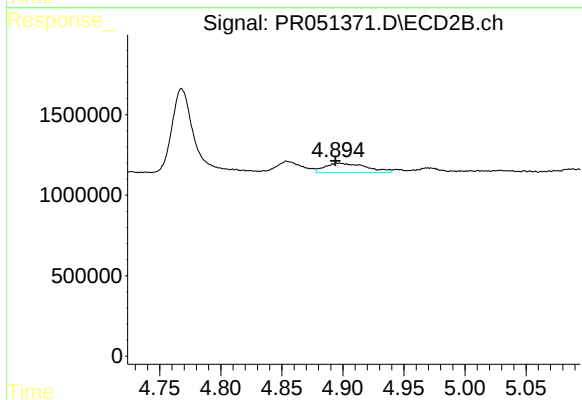
R.T.: 5.695 min
Delta R.T.: 0.002 min
Response: 2563525
Conc: 12.78 ng/ml



#21 AR-1248-1

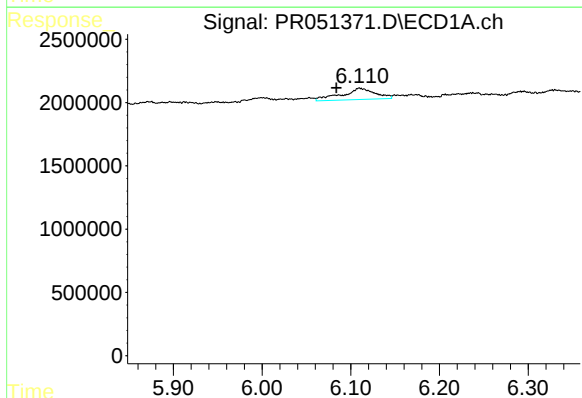
R.T.: 5.807 min
Delta R.T.: -0.005 min
Response: 881418
Conc: 4.18 ng/ml

Instrument :
ECD_R
ClientSampleId :



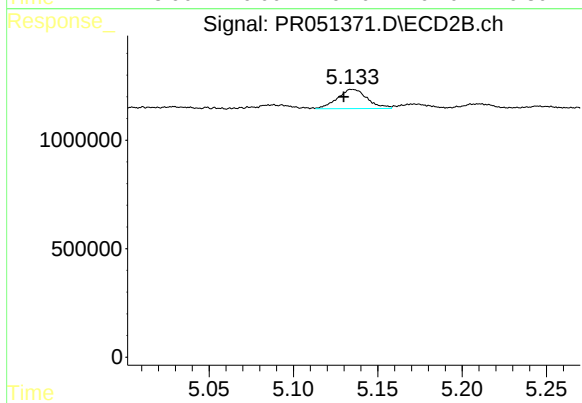
#21 AR-1248-1

R.T.: 4.895 min
Delta R.T.: 0.002 min
Response: 1386614
Conc: 8.13 ng/ml



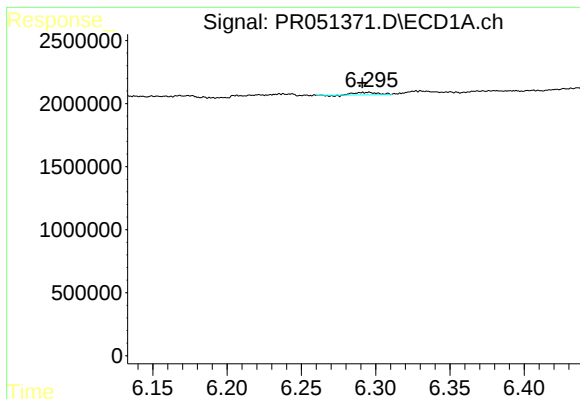
#22 AR-1248-2

R.T.: 6.110 min
Delta R.T.: 0.026 min
Response: 2329000
Conc: 7.95 ng/ml



#22 AR-1248-2

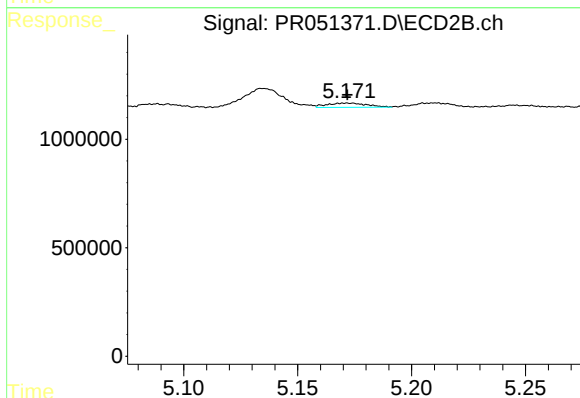
R.T.: 5.135 min
Delta R.T.: 0.005 min
Response: 1087244
Conc: 4.75 ng/ml



#23 AR-1248-3

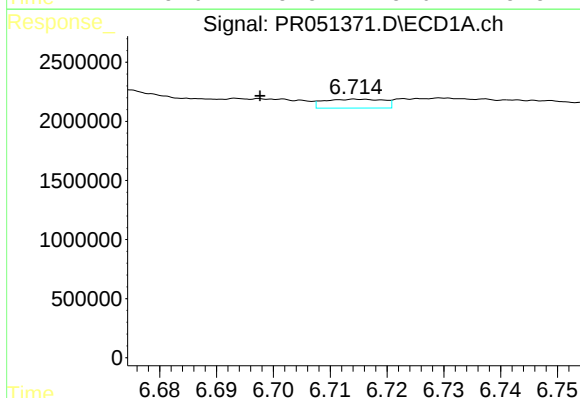
R.T.: 6.295 min
Delta R.T.: 0.004 min
Response: 205900
Conc: 0.62 ng/ml

Instrument :
ECD_R
ClientSampleId :



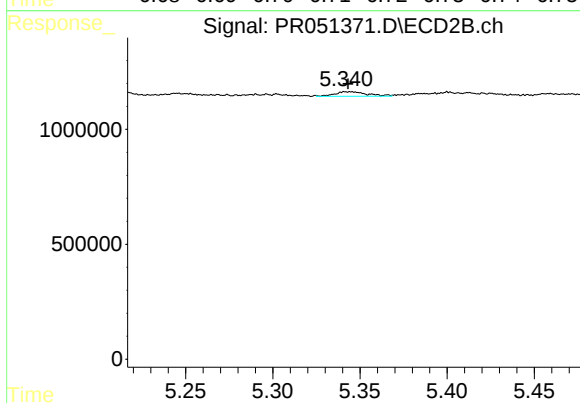
#23 AR-1248-3

R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 241213
Conc: 1.01 ng/ml



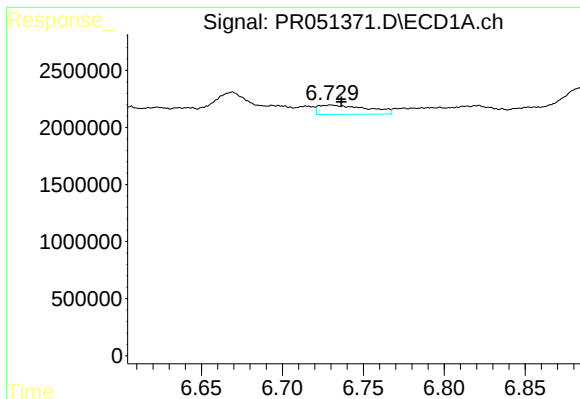
#24 AR-1248-4

R.T.: 6.715 min
Delta R.T.: 0.017 min
Response: 550299
Conc: 1.32 ng/ml



#24 AR-1248-4

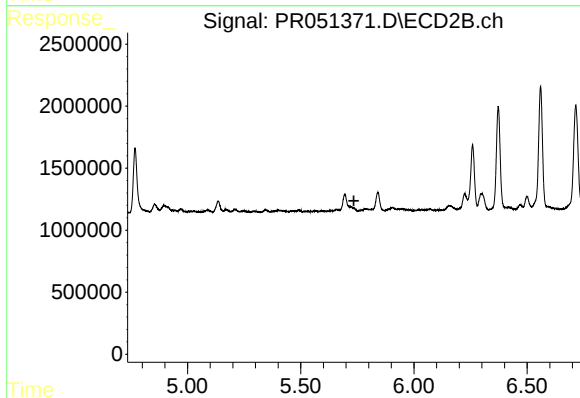
R.T.: 5.344 min
Delta R.T.: 0.000 min
Response: 254099
Conc: 0.89 ng/ml



#25 AR-1248-5

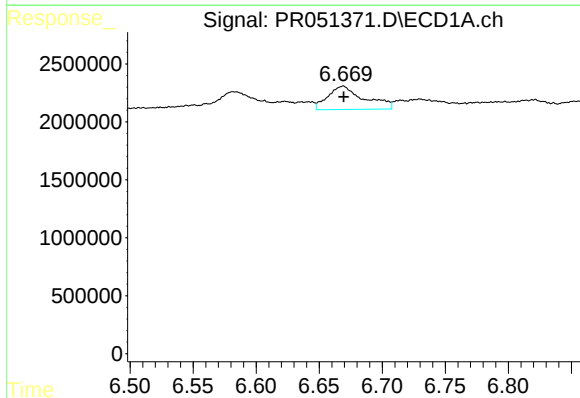
R.T.: 6.730 min
Delta R.T.: -0.006 min
Response: 1726647
Conc: 4.33 ng/ml

Instrument :
ECD_R
ClientSampleId :



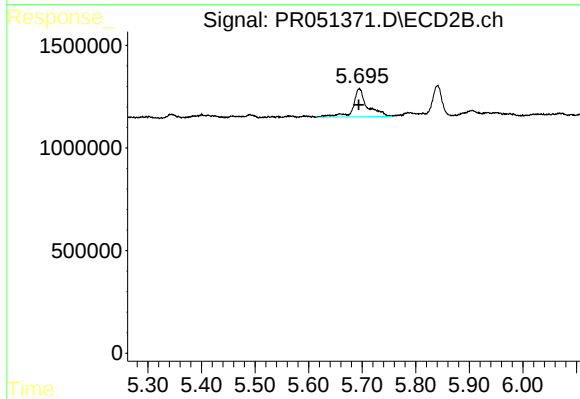
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.735 min
Response: 0
Conc: N.D.



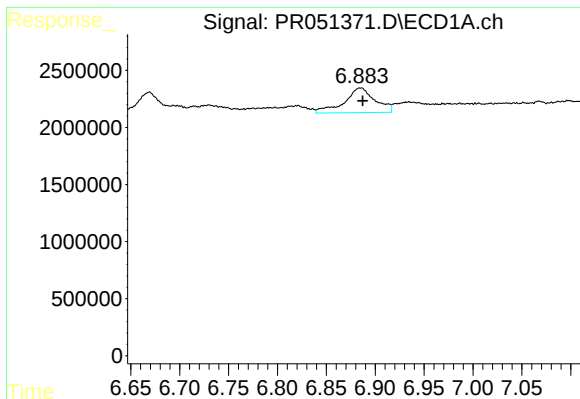
#26 AR-1254-1

R.T.: 6.669 min
Delta R.T.: 0.000 min
Response: 4021363
Conc: 11.35 ng/ml



#26 AR-1254-1

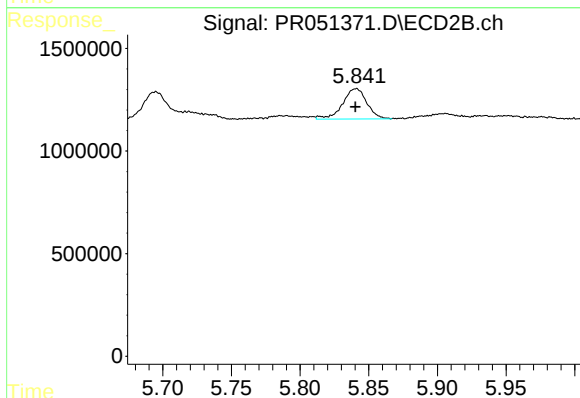
R.T.: 5.695 min
Delta R.T.: 0.000 min
Response: 2563525
Conc: 6.24 ng/ml



#27 AR-1254-2

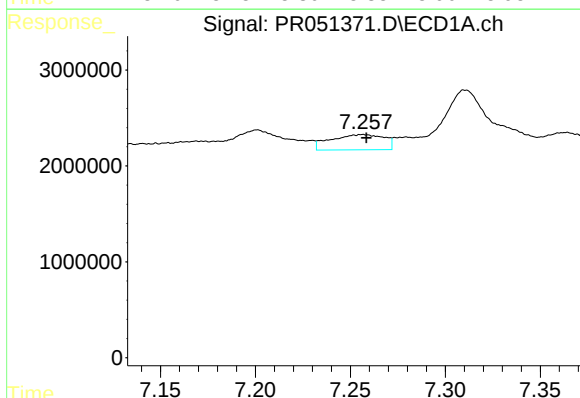
R.T.: 6.885 min
Delta R.T.: -0.002 min
Response: 4751892
Conc: 8.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



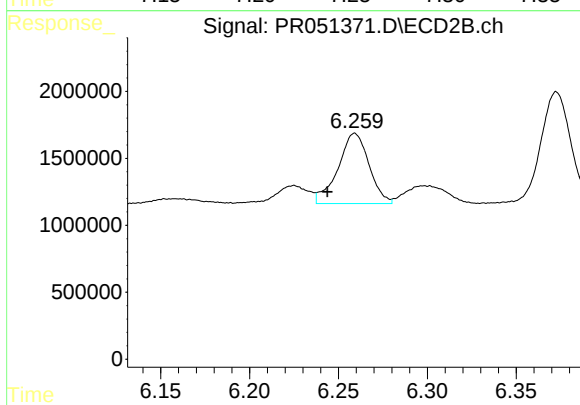
#27 AR-1254-2

R.T.: 5.841 min
Delta R.T.: 0.000 min
Response: 1810597
Conc: 5.20 ng/ml



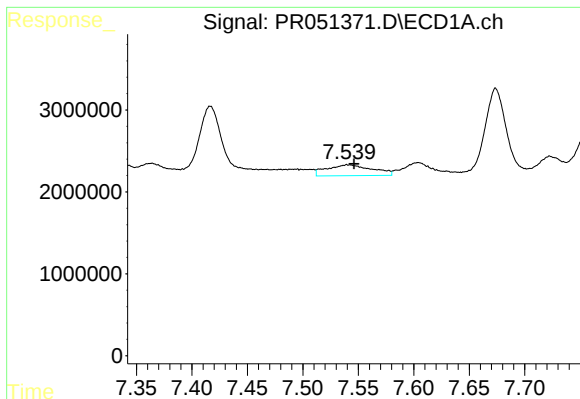
#28 AR-1254-3

R.T.: 7.257 min
Delta R.T.: -0.002 min
Response: 3113155
Conc: 5.20 ng/ml



#28 AR-1254-3

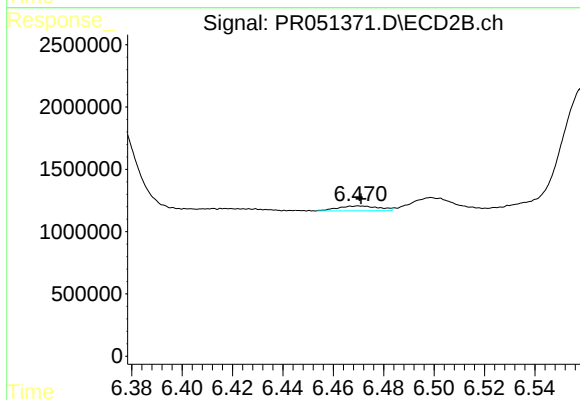
R.T.: 6.259 min
Delta R.T.: 0.015 min
Response: 6384036
Conc: 10.59 ng/ml



#29 AR-1254-4

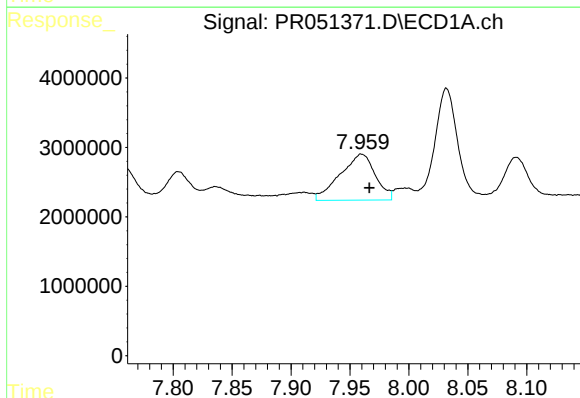
R.T.: 7.541 min
Delta R.T.: -0.006 min
Response: 3782417
Conc: 7.69 ng/ml

Instrument :
ECD_R
ClientSampleId :



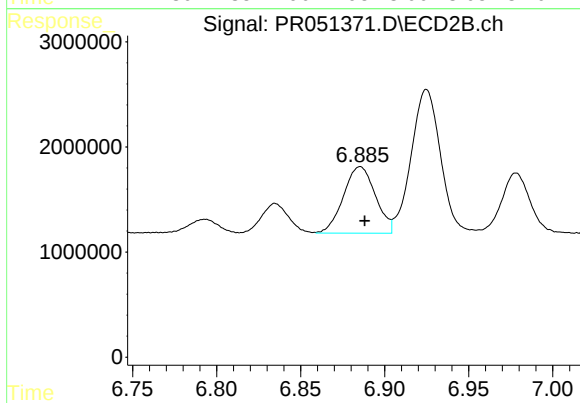
#29 AR-1254-4

R.T.: 6.470 min
Delta R.T.: 0.000 min
Response: 442065
Conc: 1.18 ng/ml



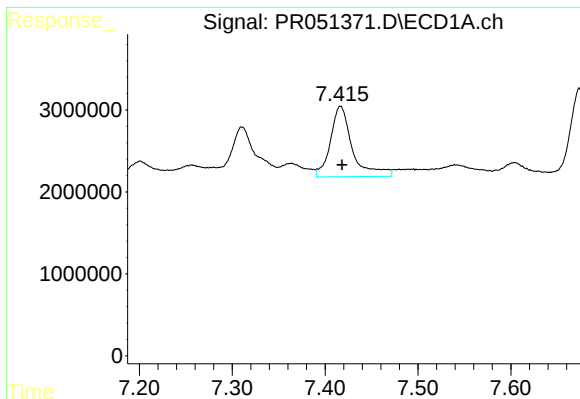
#30 AR-1254-5

R.T.: 7.960 min
Delta R.T.: -0.006 min
Response: 13745397
Conc: 29.01 ng/ml



#30 AR-1254-5

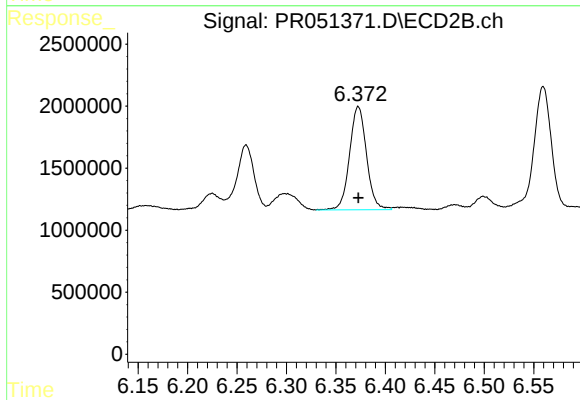
R.T.: 6.885 min
Delta R.T.: -0.003 min
Response: 8376837
Conc: 16.22 ng/ml



#31 AR-1260-1

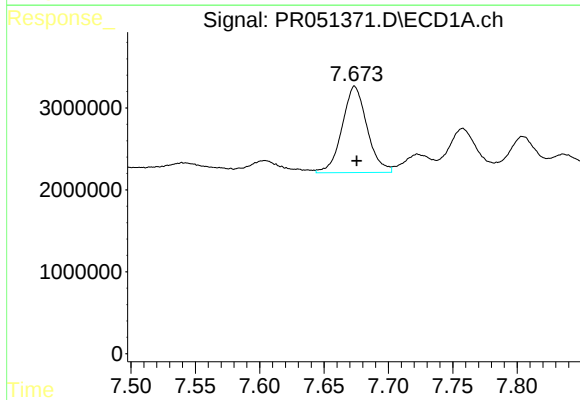
R.T.: 7.417 min
Delta R.T.: -0.002 min
Response: 14163367
Conc: 29.68 ng/ml

Instrument :
ECD_R
ClientSampleId :



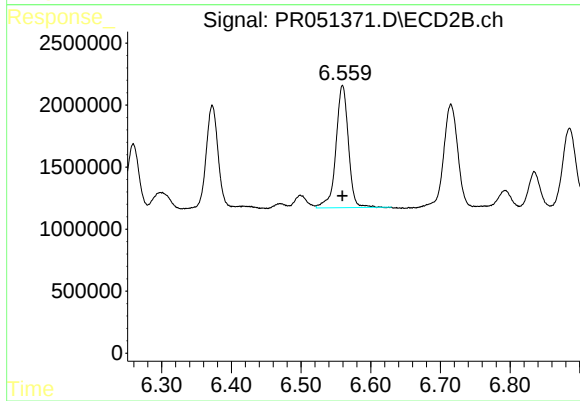
#31 AR-1260-1

R.T.: 6.373 min
Delta R.T.: 0.000 min
Response: 9946256
Conc: 24.13 ng/ml



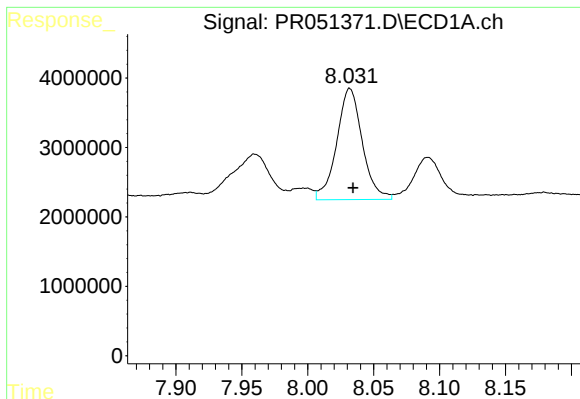
#32 AR-1260-2

R.T.: 7.674 min
Delta R.T.: -0.002 min
Response: 14201730
Conc: 22.49 ng/ml



#32 AR-1260-2

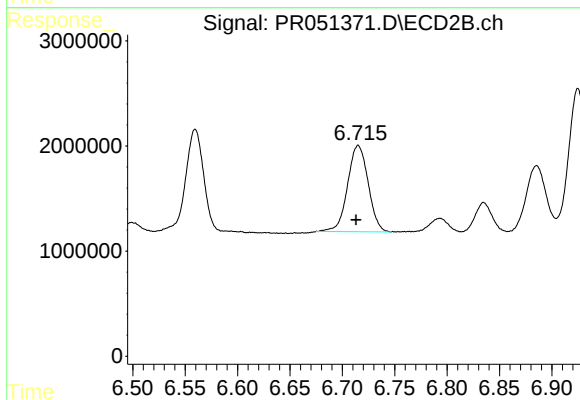
R.T.: 6.560 min
Delta R.T.: 0.000 min
Response: 12266068
Conc: 24.26 ng/ml



#33 AR-1260-3

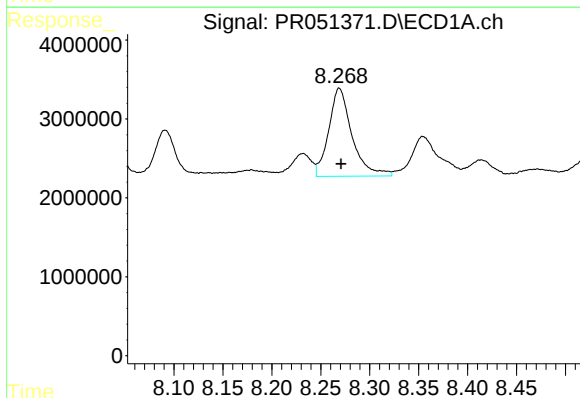
R.T.: 8.032 min
Delta R.T.: -0.002 min
Response: 21657391
Conc: 43.32 ng/ml

Instrument :
ECD_R
ClientSampleId :



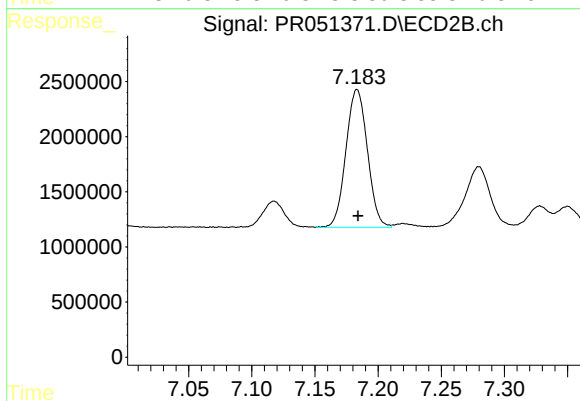
#33 AR-1260-3

R.T.: 6.715 min
Delta R.T.: 0.002 min
Response: 11241068
Conc: 22.96 ng/ml



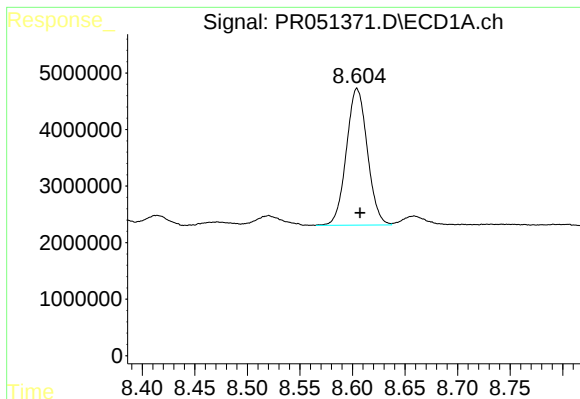
#34 AR-1260-4

R.T.: 8.269 min
Delta R.T.: -0.002 min
Response: 18491119
Conc: 36.11 ng/ml



#34 AR-1260-4

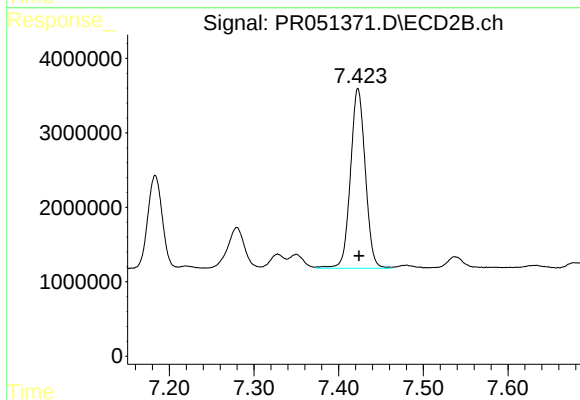
R.T.: 7.183 min
Delta R.T.: 0.000 min
Response: 14809442
Conc: 36.23 ng/ml



#35 AR-1260-5

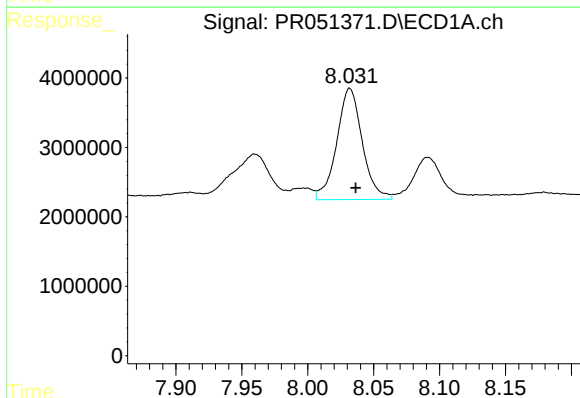
R.T.: 8.604 min
Delta R.T.: -0.003 min
Response: 33598694
Conc: 29.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



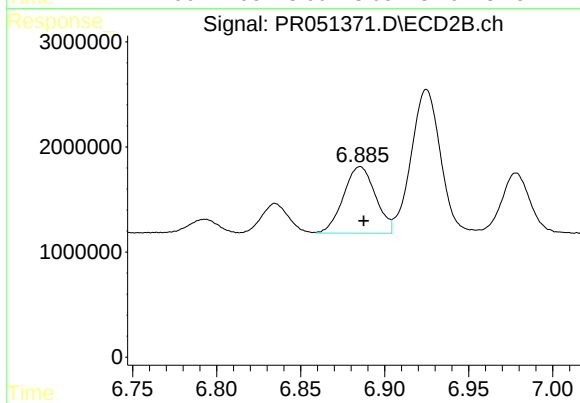
#35 AR-1260-5

R.T.: 7.423 min
Delta R.T.: -0.001 min
Response: 29427150
Conc: 28.08 ng/ml



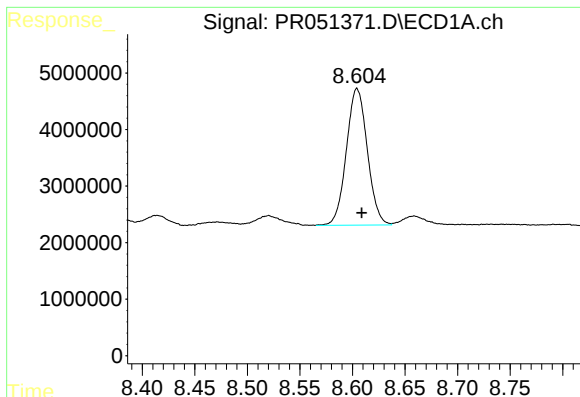
#36 AR-1262-1

R.T.: 8.032 min
Delta R.T.: -0.004 min
Response: 21657391
Conc: 32.99 ng/ml



#36 AR-1262-1

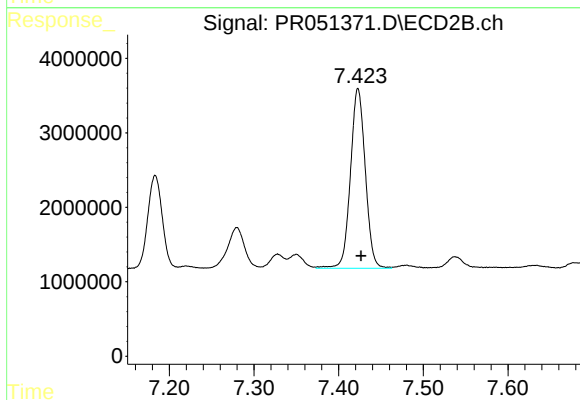
R.T.: 6.885 min
Delta R.T.: -0.002 min
Response: 8376837
Conc: 30.29 ng/ml



#37 AR-1262-2

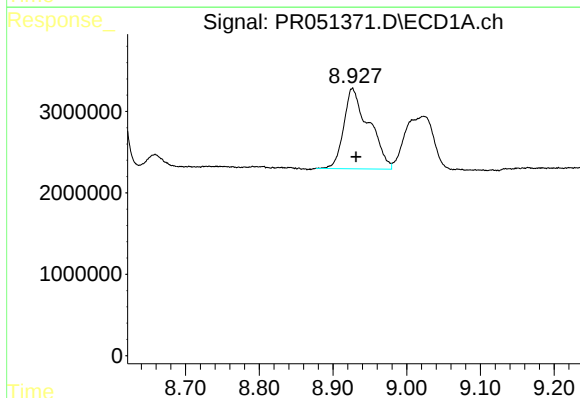
R.T.: 8.604 min
Delta R.T.: -0.005 min
Response: 33598694
Conc: 27.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



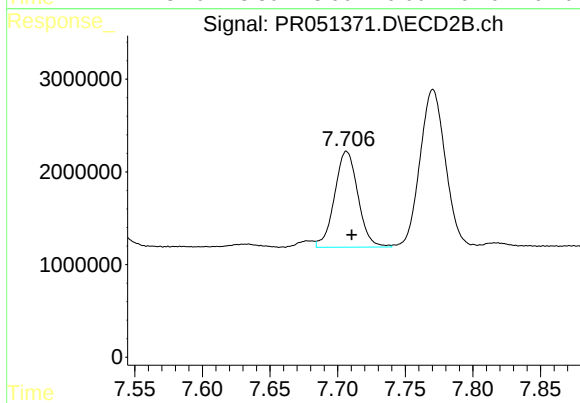
#37 AR-1262-2

R.T.: 7.423 min
Delta R.T.: -0.003 min
Response: 29427150
Conc: 28.98 ng/ml



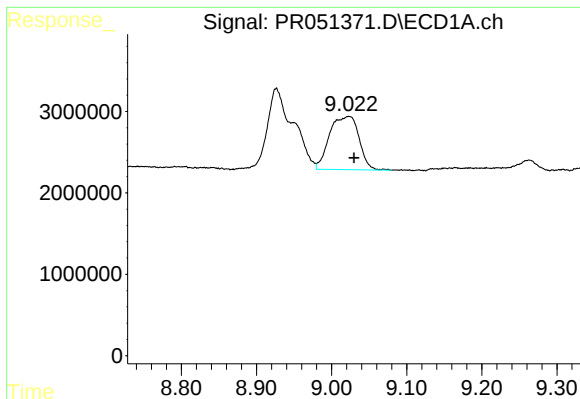
#38 AR-1262-3

R.T.: 8.926 min
Delta R.T.: -0.005 min
Response: 23432643
Conc: 30.73 ng/ml



#38 AR-1262-3

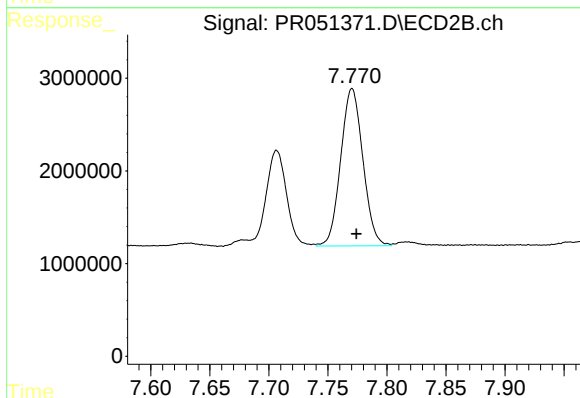
R.T.: 7.707 min
Delta R.T.: -0.004 min
Response: 12440078
Conc: 33.81 ng/ml



#39 AR-1262-4

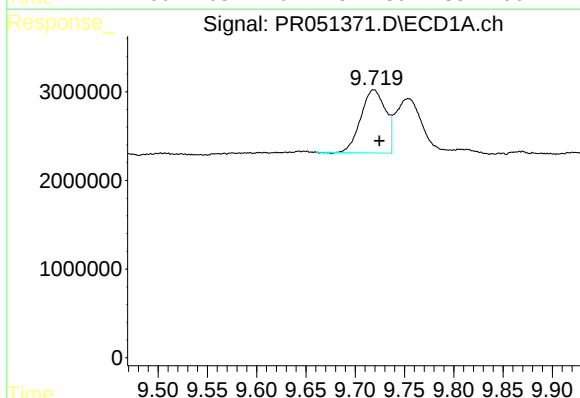
R.T.: 9.023 min
Delta R.T.: -0.007 min
Response: 17833971
Conc: 30.62 ng/ml

Instrument :
ECD_R
ClientSampleId :



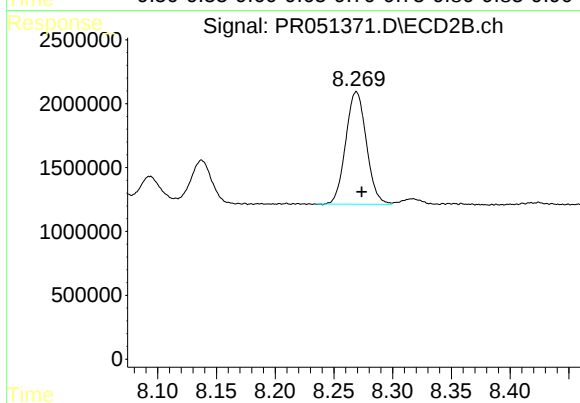
#39 AR-1262-4

R.T.: 7.770 min
Delta R.T.: -0.004 min
Response: 22213096
Conc: 30.48 ng/ml



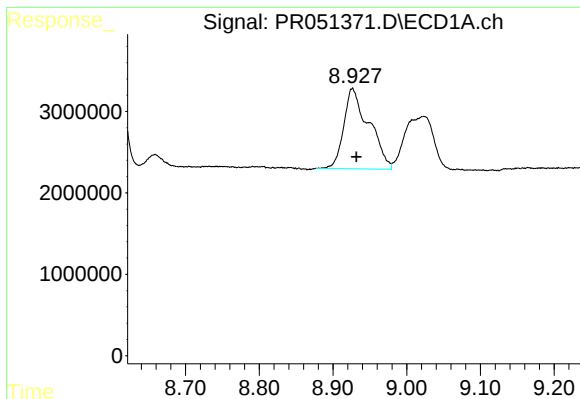
#40 AR-1262-5

R.T.: 9.719 min
Delta R.T.: -0.006 min
Response: 12480483
Conc: 29.69 ng/ml



#40 AR-1262-5

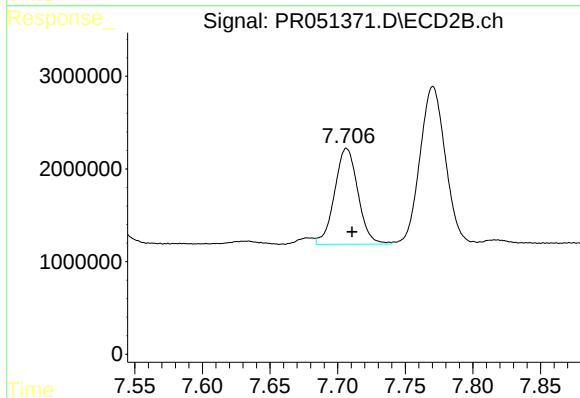
R.T.: 8.269 min
Delta R.T.: -0.005 min
Response: 10766437
Conc: 33.01 ng/ml



#41 AR-1268-1

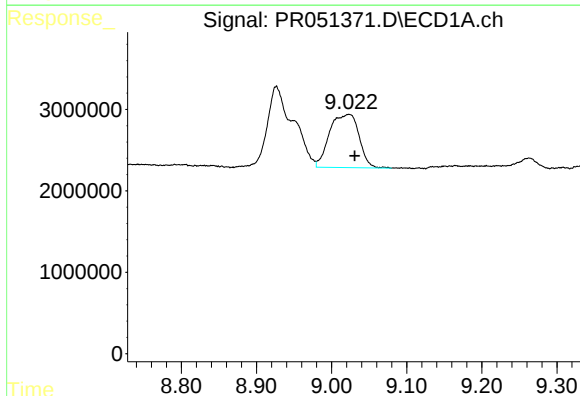
R.T.: 8.926 min
Delta R.T.: -0.005 min
Response: 23432643
Conc: 16.58 ng/ml

Instrument :
ECD_R
ClientSampleId :



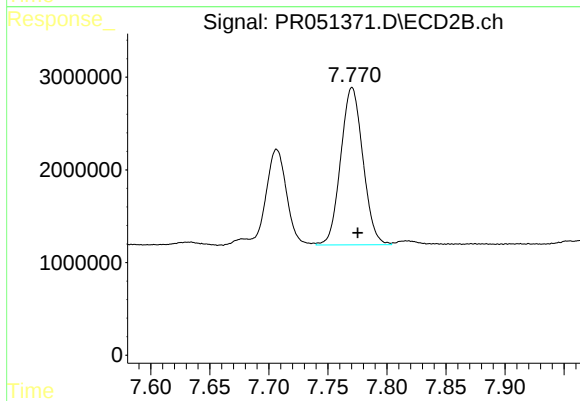
#41 AR-1268-1

R.T.: 7.707 min
Delta R.T.: -0.004 min
Response: 12440078
Conc: 11.55 ng/ml



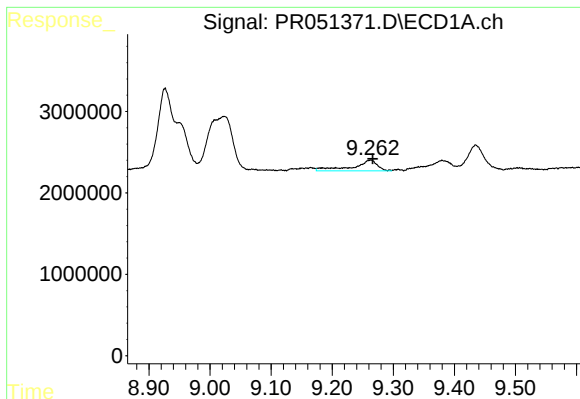
#42 AR-1268-2

R.T.: 9.023 min
Delta R.T.: -0.008 min
Response: 17833971
Conc: 13.97 ng/ml



#42 AR-1268-2

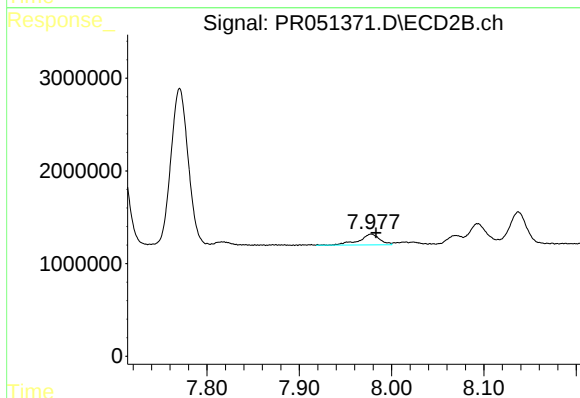
R.T.: 7.770 min
Delta R.T.: -0.005 min
Response: 22213096
Conc: 22.31 ng/ml



#43 AR-1268-3

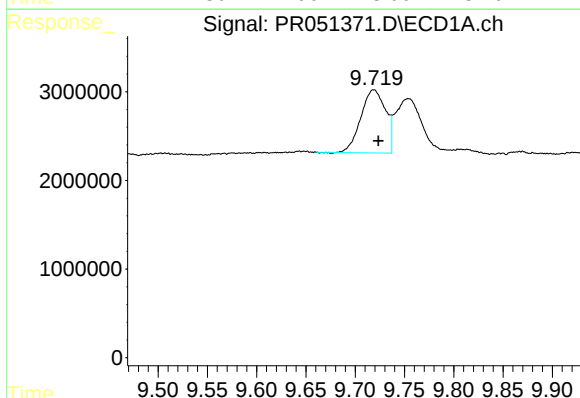
R.T.: 9.263 min
Delta R.T.: -0.003 min
Response: 3640746
Conc: 3.26 ng/ml

Instrument :
ECD_R
ClientSampleId :



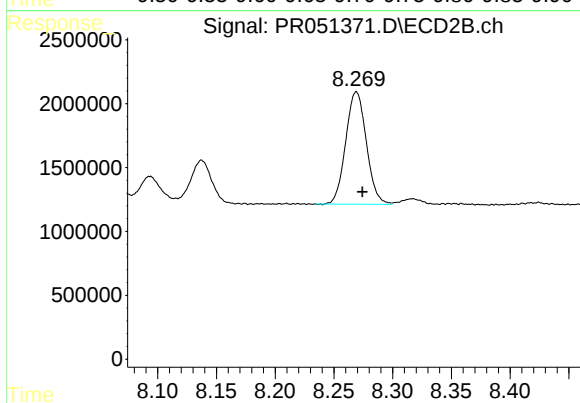
#43 AR-1268-3

R.T.: 7.978 min
Delta R.T.: -0.005 min
Response: 1820349
Conc: 2.21 ng/ml



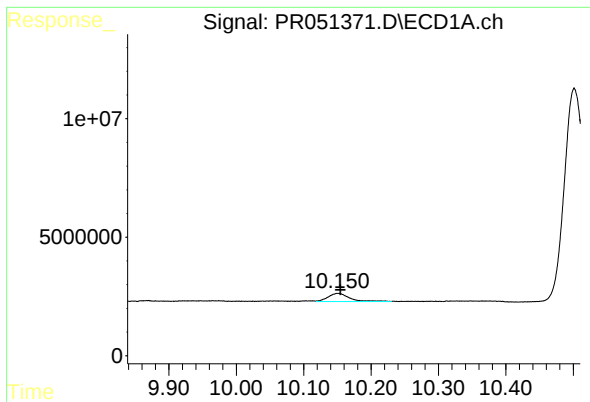
#44 AR-1268-4

R.T.: 9.719 min
Delta R.T.: -0.005 min
Response: 12480483
Conc: 27.51 ng/ml



#44 AR-1268-4

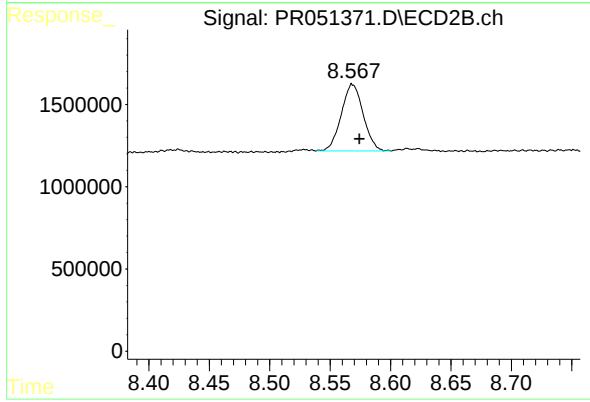
R.T.: 8.269 min
Delta R.T.: -0.005 min
Response: 10766437
Conc: 30.33 ng/ml



#45 AR-1268-5

R.T.: 10.151 min
Delta R.T.: -0.003 min
Response: 7412138
Conc: 2.03 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.569 min
Delta R.T.: -0.006 min
Response: 5135973
Conc: 1.85 ng/ml