

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR012020\
 Data File : PR044416.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Jan 2020 02:11
 Operator : DD\AJ
 Sample : L1161-08
 Misc : AR1262 LOQ 50 PPB
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 21 03:27:02 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR012020.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 21 02:46:28 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...	4.699	3.961	177.8E6	360.3E6	23.984	22.786
2)	SA Decachlor...	10.594	9.039	177.9E6	311.0E6	23.293	21.853
Target Compounds							
3)	L1 AR-1016-1	5.875	5.052	404194	1530119	1.486	3.392 #
4)	L1 AR-1016-2	5.896	5.071	402412	1326218	1.046	2.150 #
5)	L1 AR-1016-3	5.896	5.248	402412	700218	1.773	2.304 #
6)	L1 AR-1016-4	0.000	5.289	0	1524903	N.D.	6.643 #
7)	L1 AR-1016-5	0.000	5.507	0	584590	N.D.	1.859 #
8)	L2 AR-1221-1	0.000	4.165	0	288145	N.D.	1.730 #
9)	L2 AR-1221-2	5.010	4.265	1899487	4582902	34.669	37.170
10)	L2 AR-1221-3	5.010	4.335	1899487	425373	10.708	1.104 #
11)	L3 AR-1232-1	5.010	4.335	1899487	425373	13.547	1.395 #
12)	L3 AR-1232-2	0.000	5.071	0	1326218	N.D.	5.379 #
13)	L3 AR-1232-3	5.896	5.248	402412	700218	2.680	5.807 #
14)	L3 AR-1232-4	0.000	5.335	0	772894	N.D.	7.896 #
15)	L3 AR-1232-5	6.147	5.507	488757	584590	8.841	5.204 #
16)	L4 AR-1242-1	5.875	5.052	404194	1530119	2.102	4.908 #
17)	L4 AR-1242-2	5.896	5.071	402412	1326218	1.479	3.104 #
18)	L4 AR-1242-3	5.896	5.248	402412	700218	2.482	3.295 #
19)	L4 AR-1242-4	0.000	5.335	0	772894	N.D.	4.010 #
20)	L4 AR-1242-5	6.731	5.857	4127652	8540169	27.046	27.669
21)	L5 AR-1248-1	5.875	5.052	404194	1530119	2.665	6.065 #
22)	L5 AR-1248-2	6.147	5.289	488757	1524903	2.398	5.566 #
23)	L5 AR-1248-3	0.000	5.335	0	772894	N.D.	2.756 #
24)	L5 AR-1248-4	6.731	5.507	4127652	584590	15.247	1.618 #
25)	L5 AR-1248-5	6.731	5.898	4127652	3136263	16.130	7.479 #
26)	L6 AR-1254-1	6.731	5.857	4127652	8540169	15.750	13.761
27)	L6 AR-1254-2	6.946	6.003	3945842	9866320	9.698	17.753 #
28)	L6 AR-1254-3	7.318	6.423	1943774	26910823	4.415	28.435 #
29)	L6 AR-1254-4	7.601	6.638	1476859	1828810	4.375	2.538 #
30)	L6 AR-1254-5	8.019	7.052	20759492	32166747	58.344	37.666 #
31)	L7 AR-1260-1	7.478	6.538	19537510	36006245	58.540	52.801
32)	L7 AR-1260-2	7.733	6.725	23392360	51378178	57.282	51.449
33)	L7 AR-1260-3	8.093	6.881	32041383	44669746	103.063	55.077 #
34)	L7 AR-1260-4	8.332	7.351	29583749	58541097	80.992	81.168
35)	L7 AR-1260-5	8.668	7.591	56707197	138.2E6	72.675	63.935
36)	L8 AR-1262-1	8.093	7.090	32041383	79657790	72.380	65.937
37)	L8 AR-1262-2	8.668	7.591	56707197	138.2E6	66.578	62.027
38)	L8 AR-1262-3	8.996	7.875	39226185	56794413	71.158	64.231
39)	L8 AR-1262-4	9.093	7.940	30039026	92371102	70.442	62.854
40)	L8 AR-1262-5	9.794	8.453	21358402	42097450	69.126	61.659
41)	L9 AR-1268-1	8.996	7.875	39226185	56794413	37.291	21.251 #

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 Operator : DD\AJ
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 Misc : AR1262 LOQ 50 PPB
 ALS Vial : 36 Sample Multiplier: 1

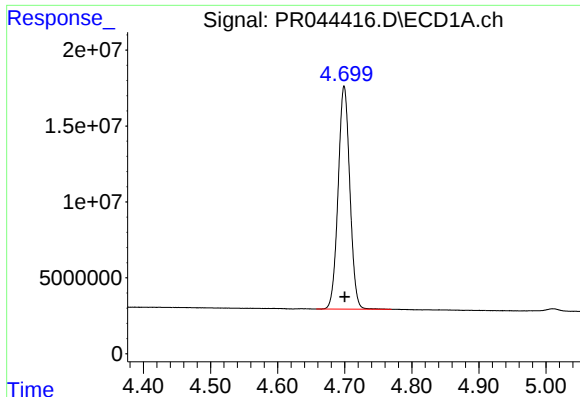
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 21 03:27:02 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR012020.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	9.093	7.940	30039026	92371102	30.316	40.397 #
43) L9	AR-1268-3	9.338	8.150	2694272	4542983	3.257	2.331 #
44) L9	AR-1268-4	9.794	8.453	21358402	42097450	60.332	53.279
45) L9	AR-1268-5	10.234	8.766	9178818	15816004	3.189	2.821

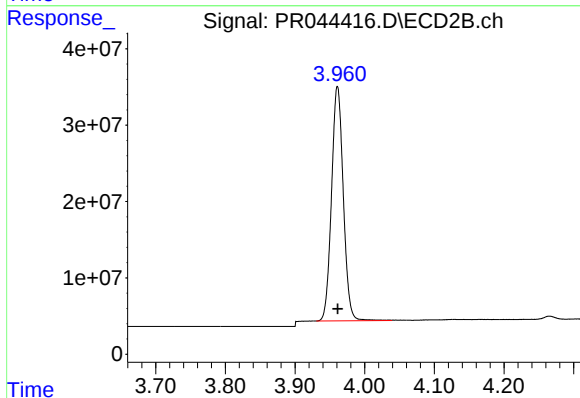
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

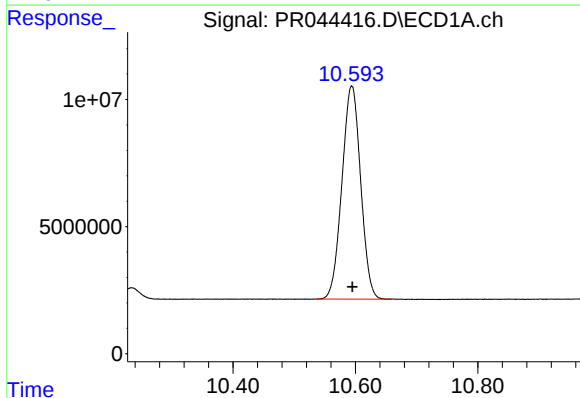
R.T.: 4.699 min
Delta R.T.: 0.000 min
Response: 177816153
Conc: 23.98 ng/ml

Instrument :
ECD_R
ClientSampleId :



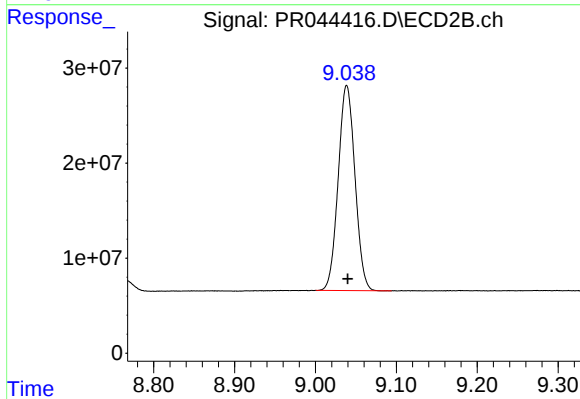
#1 Tetrachloro-m-xylene

R.T.: 3.961 min
Delta R.T.: 0.000 min
Response: 360316382
Conc: 22.79 ng/ml



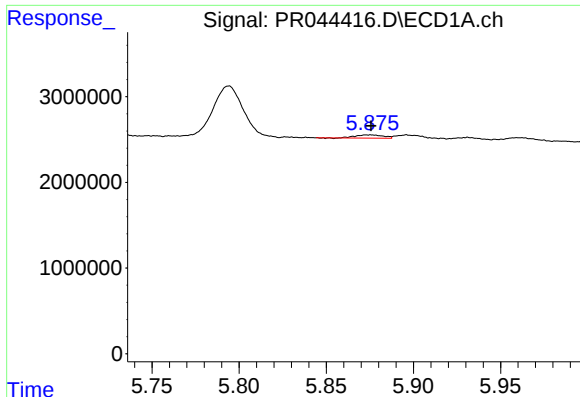
#2 Decachlorobiphenyl

R.T.: 10.594 min
Delta R.T.: 0.000 min
Response: 177942554
Conc: 23.29 ng/ml



#2 Decachlorobiphenyl

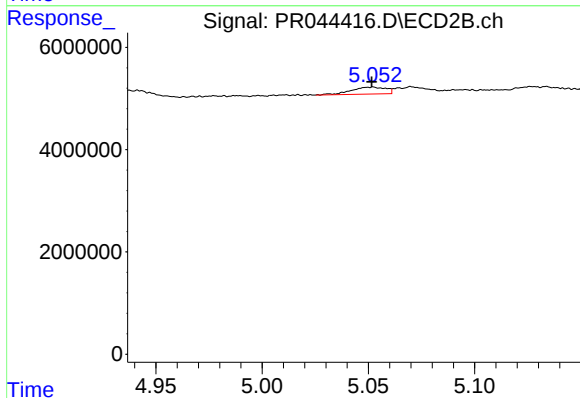
R.T.: 9.039 min
Delta R.T.: -0.001 min
Response: 310969083
Conc: 21.85 ng/ml



#3 AR-1016-1

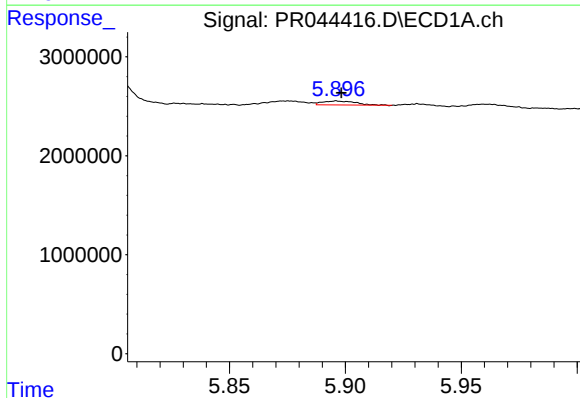
R.T.: 5.875 min
Delta R.T.: 0.000 min
Response: 404194
Conc: 1.49 ng/ml

Instrument :
ECD_R
ClientSampleId :



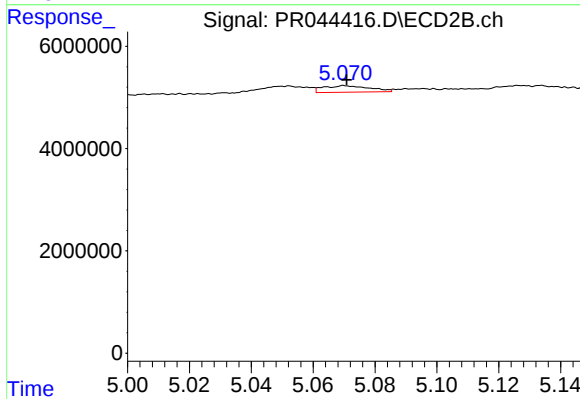
#3 AR-1016-1

R.T.: 5.052 min
Delta R.T.: 0.000 min
Response: 1530119
Conc: 3.39 ng/ml



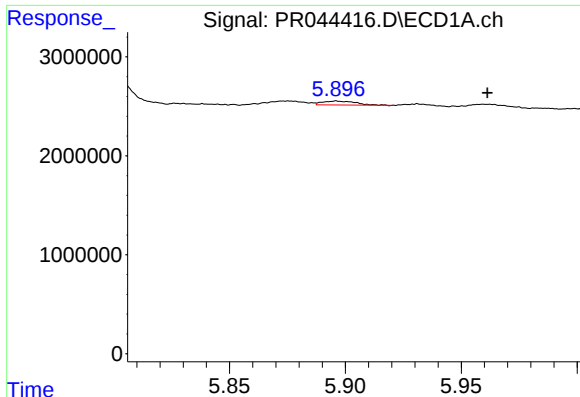
#4 AR-1016-2

R.T.: 5.896 min
Delta R.T.: -0.002 min
Response: 402412
Conc: 1.05 ng/ml



#4 AR-1016-2

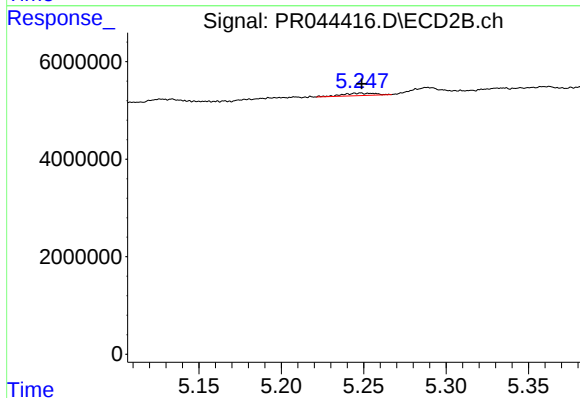
R.T.: 5.071 min
Delta R.T.: 0.000 min
Response: 1326218
Conc: 2.15 ng/ml



#5 AR-1016-3

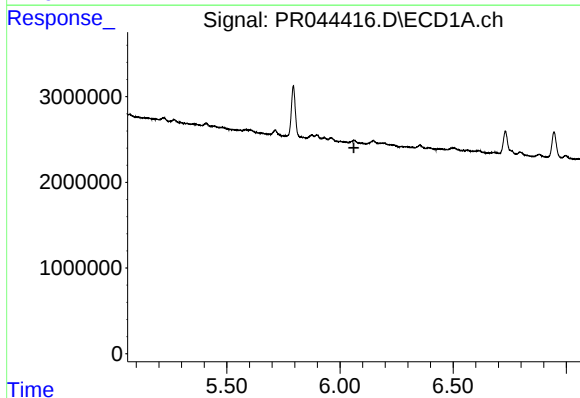
R.T.: 5.896 min
Delta R.T.: -0.065 min
Response: 402412
Conc: 1.77 ng/ml

Instrument :
ECD_R
ClientSampleId :



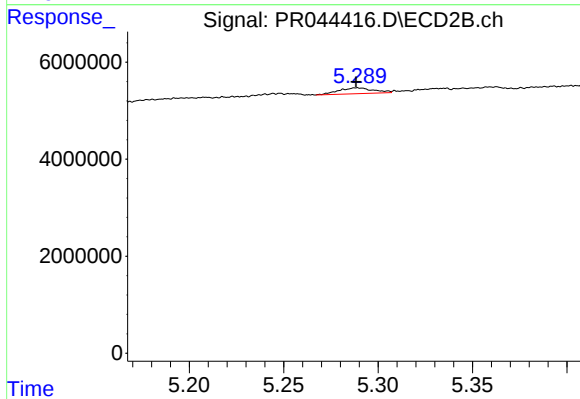
#5 AR-1016-3

R.T.: 5.248 min
Delta R.T.: 0.000 min
Response: 700218
Conc: 2.30 ng/ml



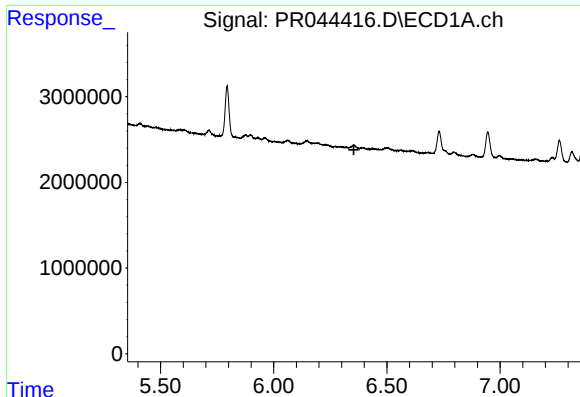
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 6.062 min
Response: 0
Conc: N.D.



#6 AR-1016-4

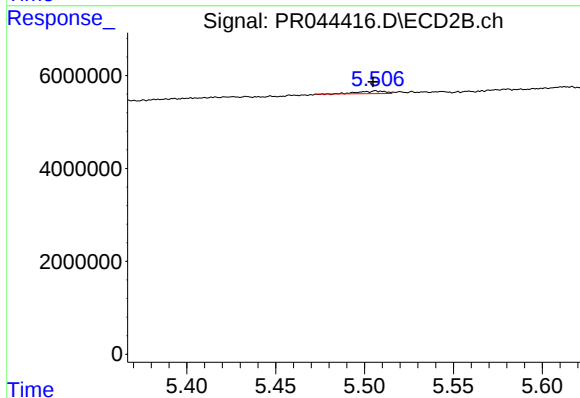
R.T.: 5.289 min
Delta R.T.: 0.000 min
Response: 1524903
Conc: 6.64 ng/ml



#7 AR-1016-5

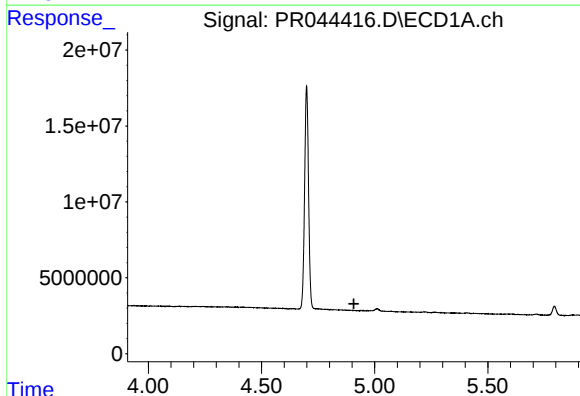
R.T.: 0.000 min
Exp R.T.: 6.354 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



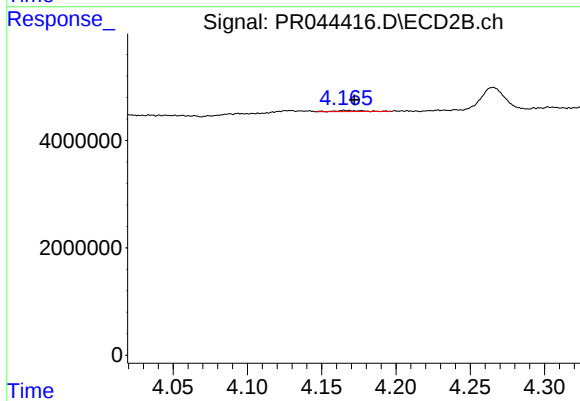
#7 AR-1016-5

R.T.: 5.507 min
Delta R.T.: 0.002 min
Response: 584590
Conc: 1.86 ng/ml



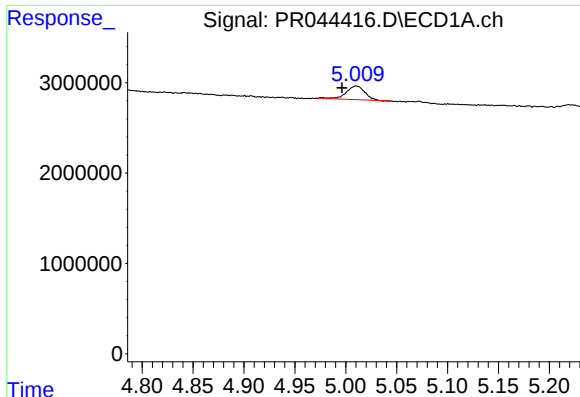
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T.: 4.908 min
Response: 0
Conc: N.D.



#8 AR-1221-1

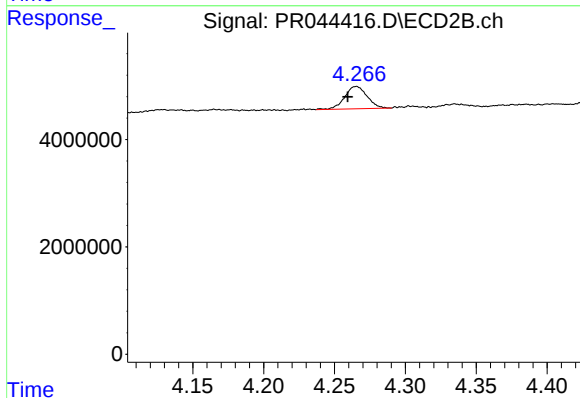
R.T.: 4.165 min
Delta R.T.: -0.007 min
Response: 288145
Conc: 1.73 ng/ml



#9 AR-1221-2

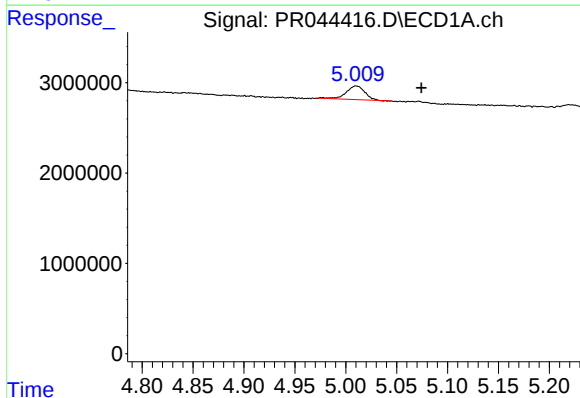
R.T.: 5.010 min
Delta R.T.: 0.014 min
Response: 1899487
Conc: 34.67 ng/ml

Instrument :
ECD_R
ClientSampleId :



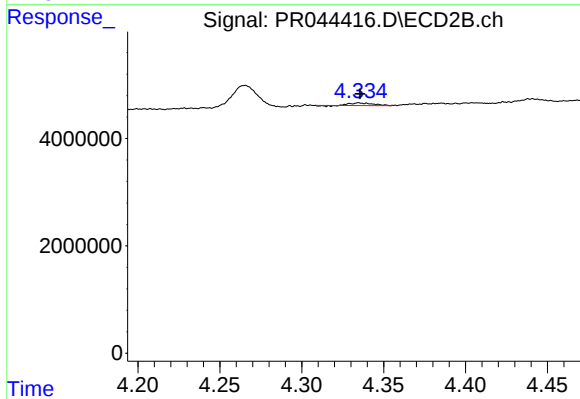
#9 AR-1221-2

R.T.: 4.265 min
Delta R.T.: 0.006 min
Response: 4582902
Conc: 37.17 ng/ml



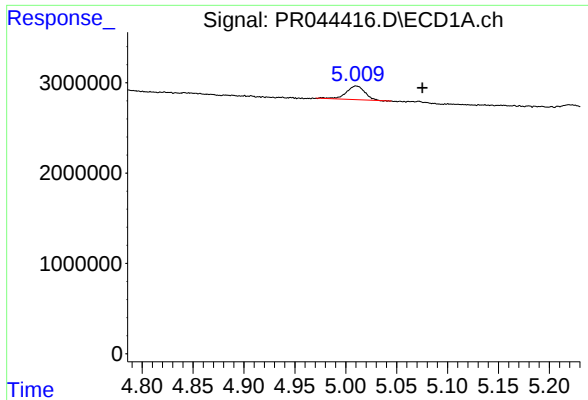
#10 AR-1221-3

R.T.: 5.010 min
Delta R.T.: -0.064 min
Response: 1899487
Conc: 10.71 ng/ml



#10 AR-1221-3

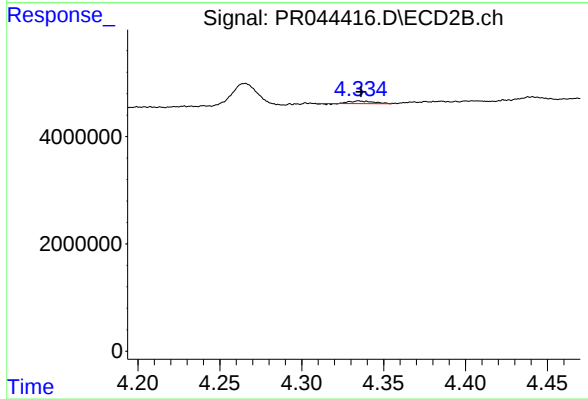
R.T.: 4.335 min
Delta R.T.: 0.000 min
Response: 425373
Conc: 1.10 ng/ml



#11 AR-1232-1

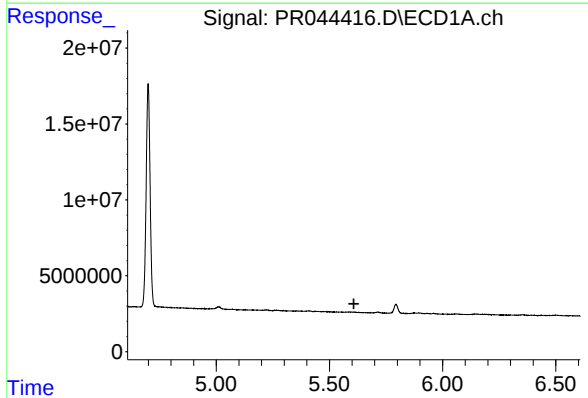
R.T.: 5.010 min
Delta R.T.: -0.065 min
Response: 1899487
Conc: 13.55 ng/ml

Instrument :
ECD_R
ClientSampleId :



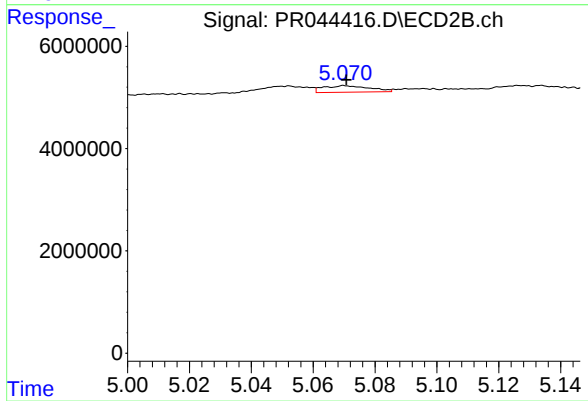
#11 AR-1232-1

R.T.: 4.335 min
Delta R.T.: -0.001 min
Response: 425373
Conc: 1.39 ng/ml



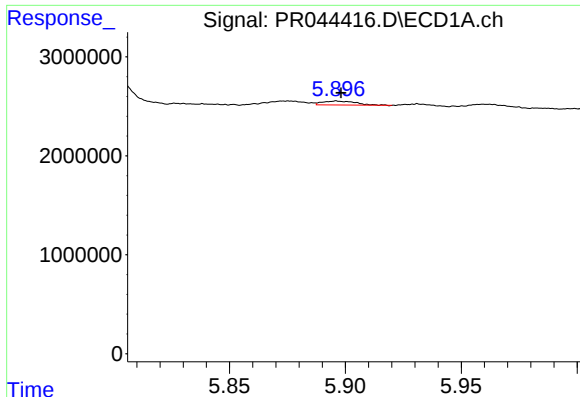
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.608 min
Response: 0
Conc: N.D.



#12 AR-1232-2

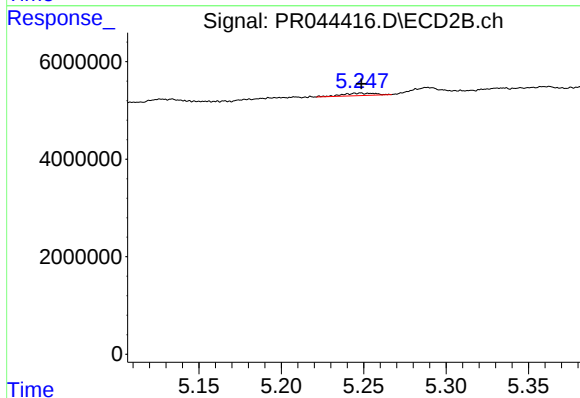
R.T.: 5.071 min
Delta R.T.: 0.000 min
Response: 1326218
Conc: 5.38 ng/ml



#13 AR-1232-3

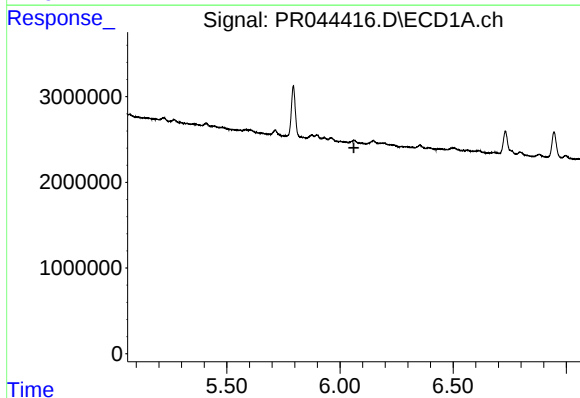
R.T.: 5.896 min
Delta R.T.: -0.002 min
Response: 402412
Conc: 2.68 ng/ml

Instrument :
ECD_R
ClientSampleId :



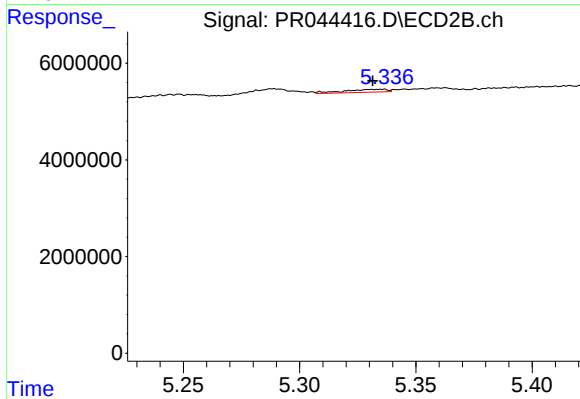
#13 AR-1232-3

R.T.: 5.248 min
Delta R.T.: 0.000 min
Response: 700218
Conc: 5.81 ng/ml



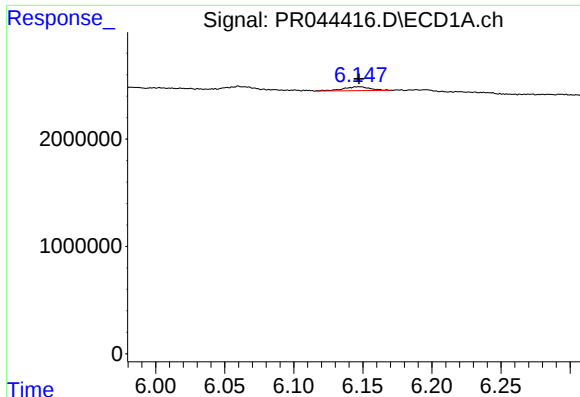
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 6.061 min
Response: 0
Conc: N.D.



#14 AR-1232-4

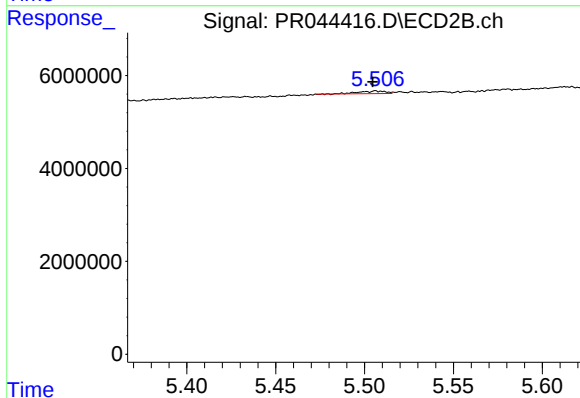
R.T.: 5.335 min
Delta R.T.: 0.004 min
Response: 772894
Conc: 7.90 ng/ml



#15 AR-1232-5

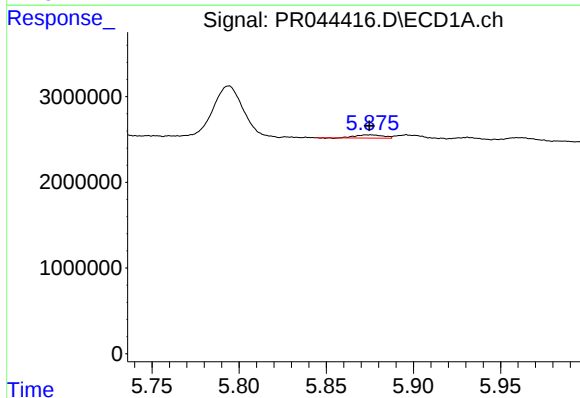
R.T.: 6.147 min
Delta R.T.: 0.000 min
Response: 488757
Conc: 8.84 ng/ml

Instrument :
ECD_R
ClientSampleId :



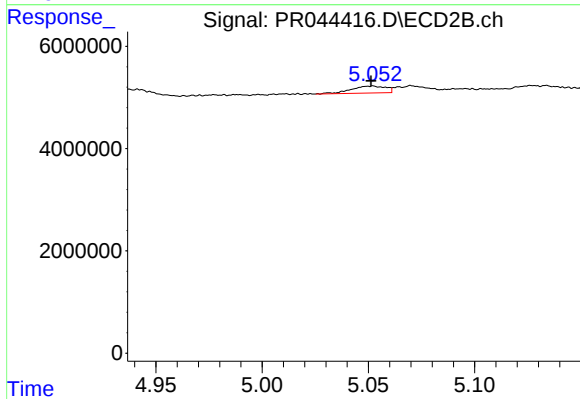
#15 AR-1232-5

R.T.: 5.507 min
Delta R.T.: 0.002 min
Response: 584590
Conc: 5.20 ng/ml



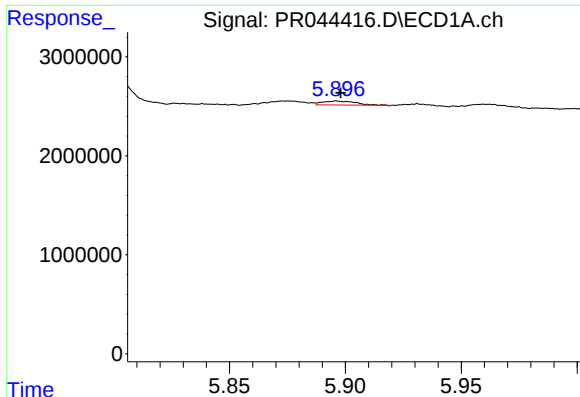
#16 AR-1242-1

R.T.: 5.875 min
Delta R.T.: 0.000 min
Response: 404194
Conc: 2.10 ng/ml



#16 AR-1242-1

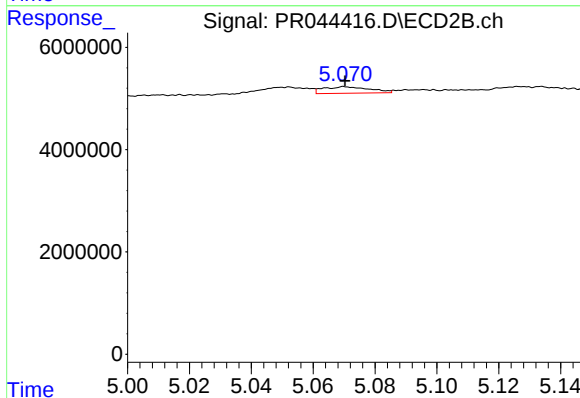
R.T.: 5.052 min
Delta R.T.: 0.000 min
Response: 1530119
Conc: 4.91 ng/ml



#17 AR-1242-2

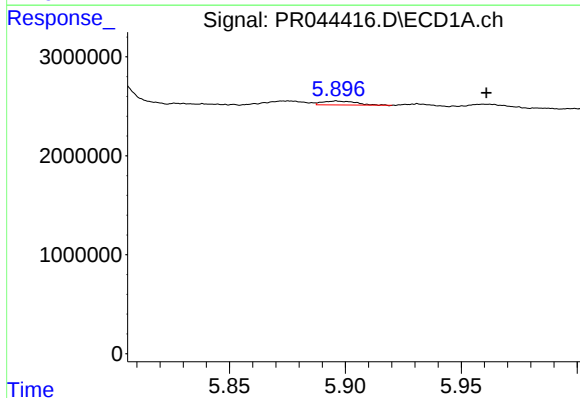
R.T.: 5.896 min
Delta R.T.: -0.002 min
Response: 402412
Conc: 1.48 ng/ml

Instrument :
ECD_R
ClientSampleId :



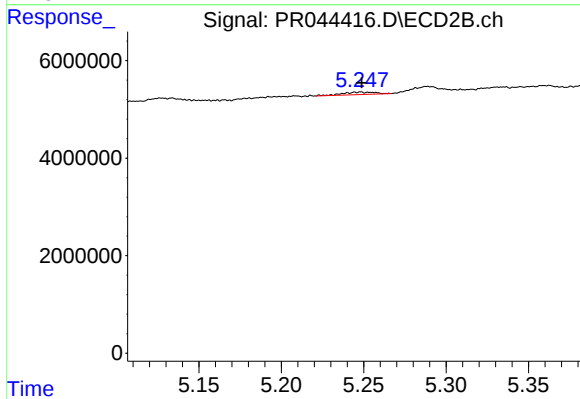
#17 AR-1242-2

R.T.: 5.071 min
Delta R.T.: 0.000 min
Response: 1326218
Conc: 3.10 ng/ml



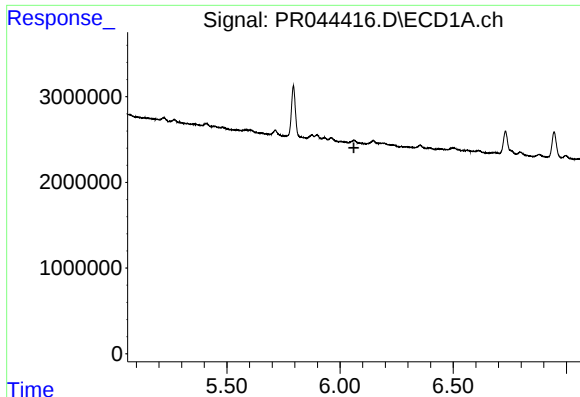
#18 AR-1242-3

R.T.: 5.896 min
Delta R.T.: -0.065 min
Response: 402412
Conc: 2.48 ng/ml



#18 AR-1242-3

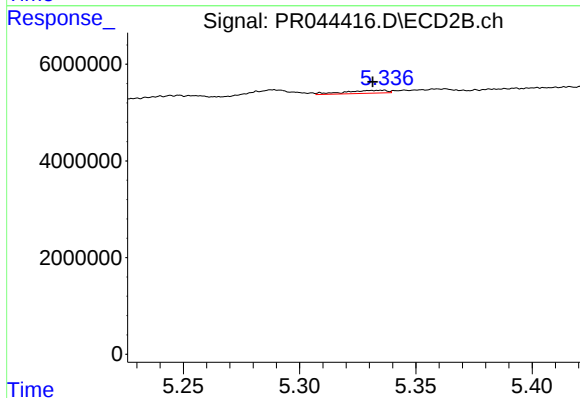
R.T.: 5.248 min
Delta R.T.: -0.001 min
Response: 700218
Conc: 3.29 ng/ml



#19 AR-1242-4

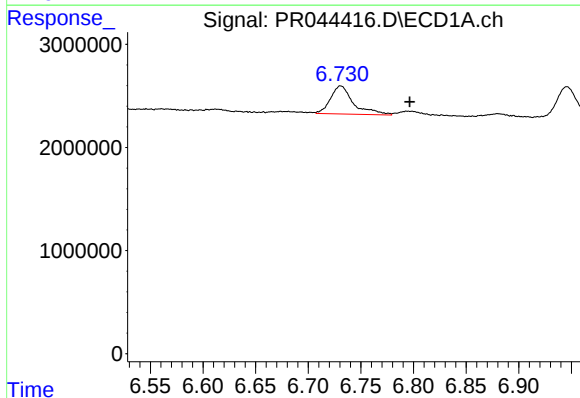
R.T.: 0.000 min
Exp R.T.: 6.061 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



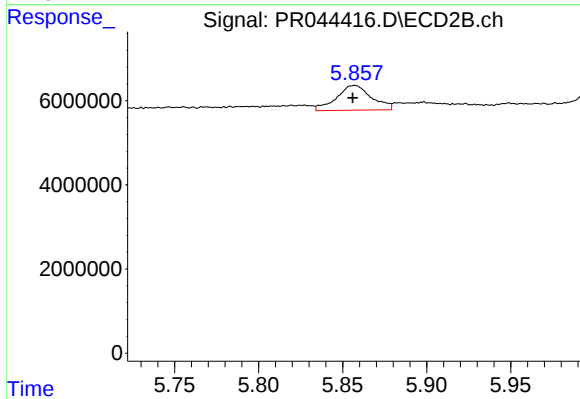
#19 AR-1242-4

R.T.: 5.335 min
Delta R.T.: 0.004 min
Response: 772894
Conc: 4.01 ng/ml



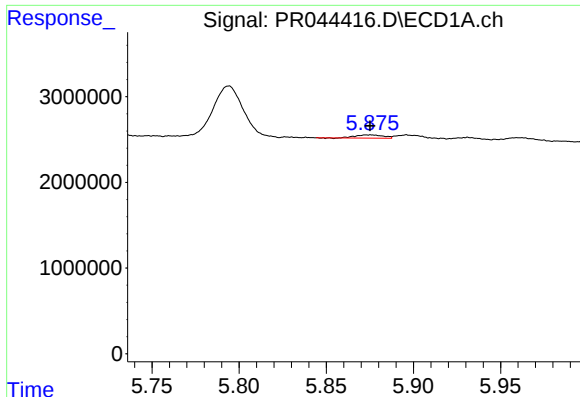
#20 AR-1242-5

R.T.: 6.731 min
Delta R.T.: -0.065 min
Response: 4127652
Conc: 27.05 ng/ml



#20 AR-1242-5

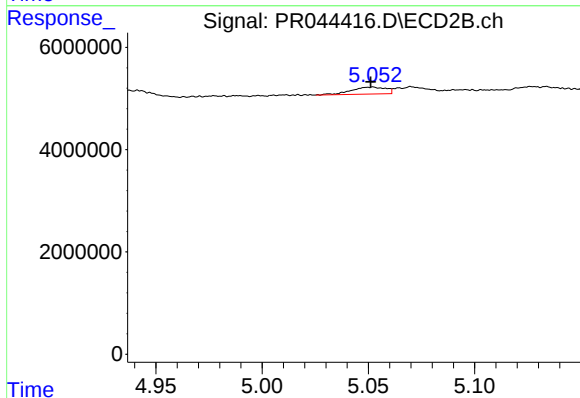
R.T.: 5.857 min
Delta R.T.: 0.001 min
Response: 8540169
Conc: 27.67 ng/ml



#21 AR-1248-1

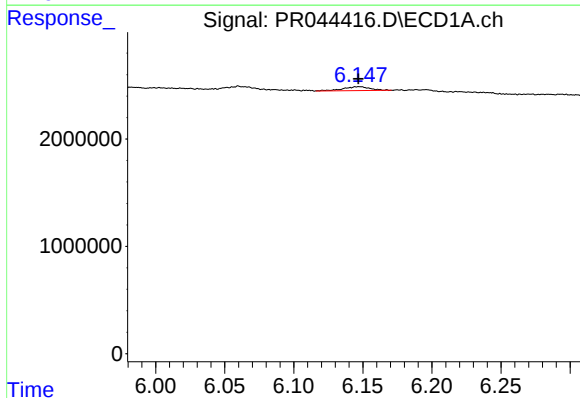
R.T.: 5.875 min
Delta R.T.: 0.000 min
Response: 404194
Conc: 2.67 ng/ml

Instrument :
ECD_R
ClientSampleId :



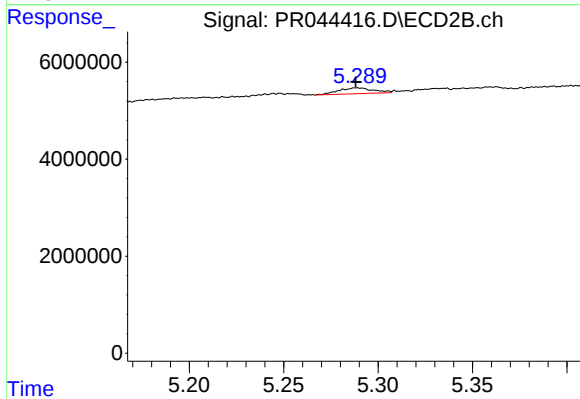
#21 AR-1248-1

R.T.: 5.052 min
Delta R.T.: 0.000 min
Response: 1530119
Conc: 6.07 ng/ml



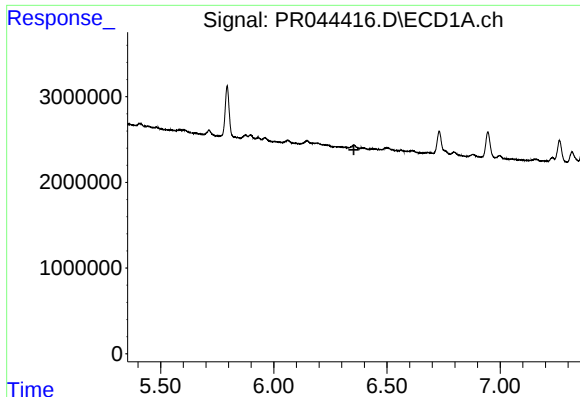
#22 AR-1248-2

R.T.: 6.147 min
Delta R.T.: 0.000 min
Response: 488757
Conc: 2.40 ng/ml



#22 AR-1248-2

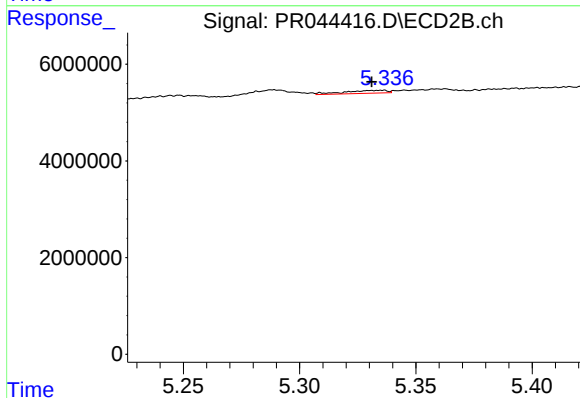
R.T.: 5.289 min
Delta R.T.: 0.000 min
Response: 1524903
Conc: 5.57 ng/ml



#23 AR-1248-3

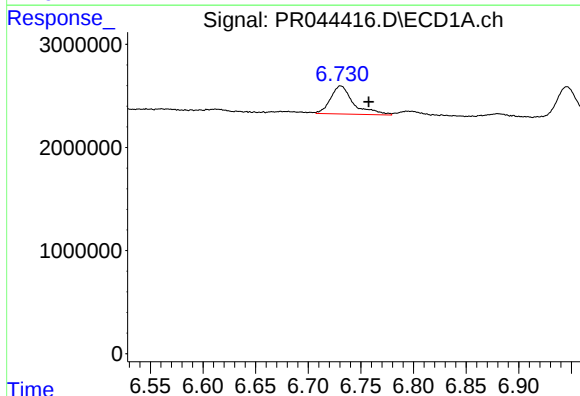
R.T.: 0.000 min
Exp R.T.: 6.354 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



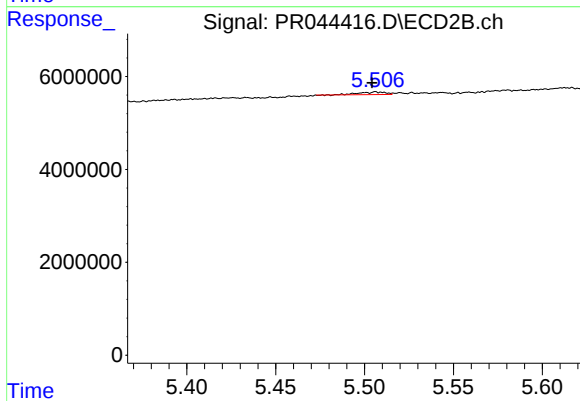
#23 AR-1248-3

R.T.: 5.335 min
Delta R.T.: 0.004 min
Response: 772894
Conc: 2.76 ng/ml



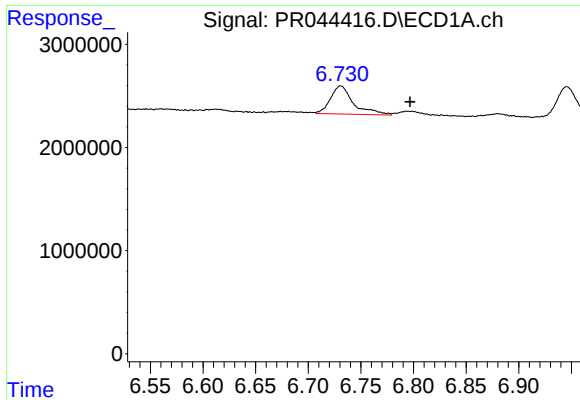
#24 AR-1248-4

R.T.: 6.731 min
Delta R.T.: -0.026 min
Response: 4127652
Conc: 15.25 ng/ml



#24 AR-1248-4

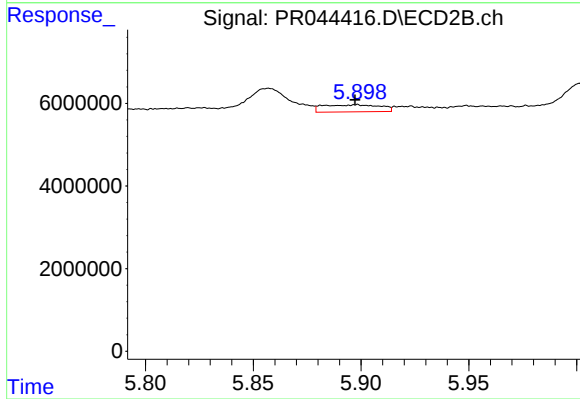
R.T.: 5.507 min
Delta R.T.: 0.002 min
Response: 584590
Conc: 1.62 ng/ml



#25 AR-1248-5

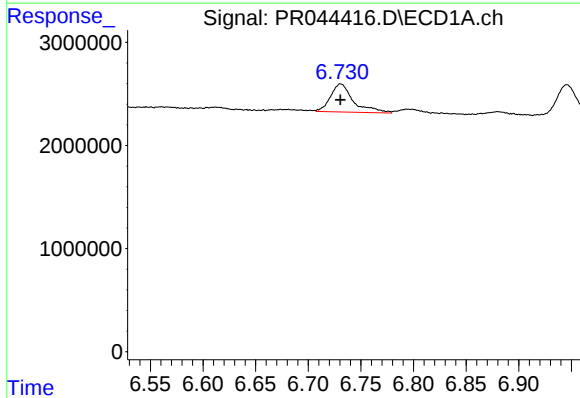
R.T.: 6.731 min
Delta R.T.: -0.066 min
Response: 4127652
Conc: 16.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



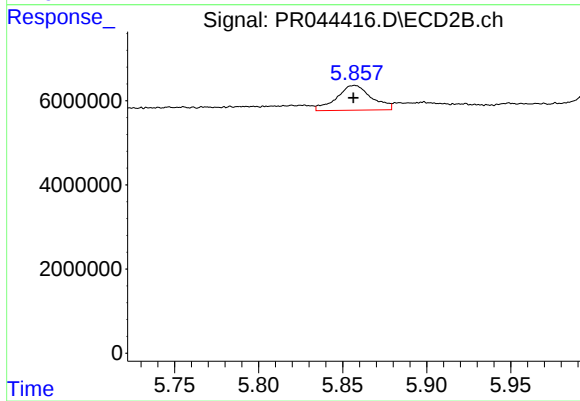
#25 AR-1248-5

R.T.: 5.898 min
Delta R.T.: 0.001 min
Response: 3136263
Conc: 7.48 ng/ml



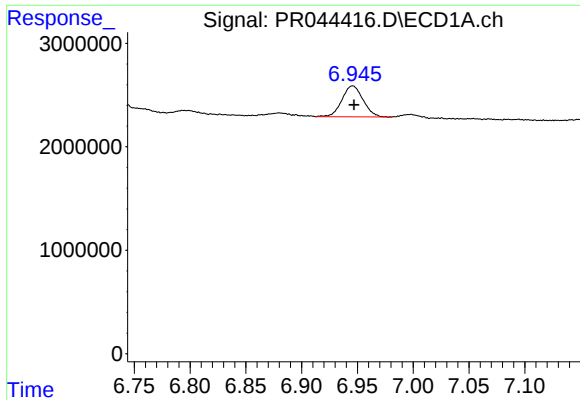
#26 AR-1254-1

R.T.: 6.731 min
Delta R.T.: 0.000 min
Response: 4127652
Conc: 15.75 ng/ml



#26 AR-1254-1

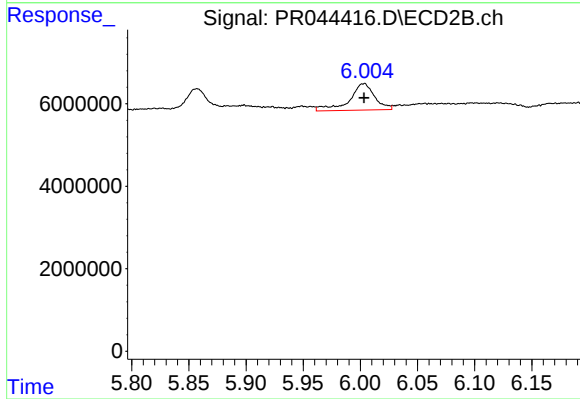
R.T.: 5.857 min
Delta R.T.: 0.000 min
Response: 8540169
Conc: 13.76 ng/ml



#27 AR-1254-2

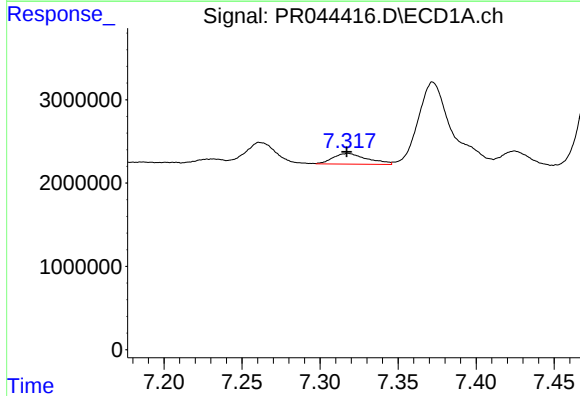
R.T.: 6.946 min
Delta R.T.: -0.001 min
Response: 3945842
Conc: 9.70 ng/ml

Instrument :
ECD_R
ClientSampleId :



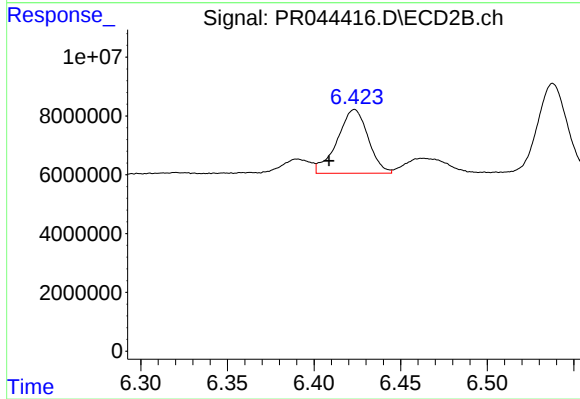
#27 AR-1254-2

R.T.: 6.003 min
Delta R.T.: 0.000 min
Response: 9866320
Conc: 17.75 ng/ml



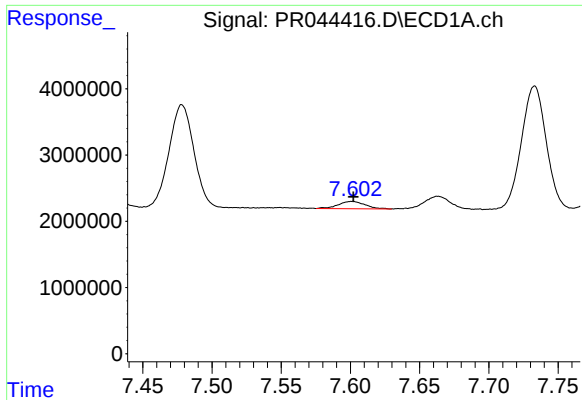
#28 AR-1254-3

R.T.: 7.318 min
Delta R.T.: 0.000 min
Response: 1943774
Conc: 4.42 ng/ml



#28 AR-1254-3

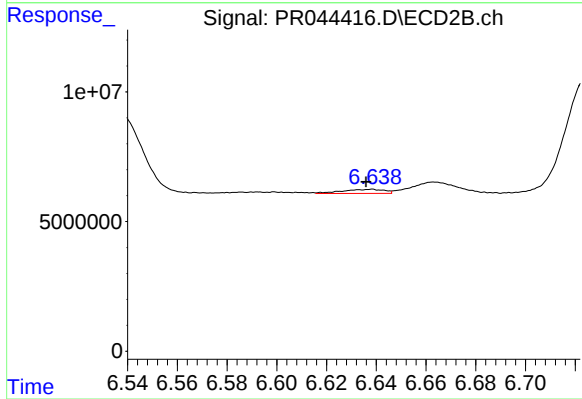
R.T.: 6.423 min
Delta R.T.: 0.015 min
Response: 26910823
Conc: 28.44 ng/ml



#29 AR-1254-4

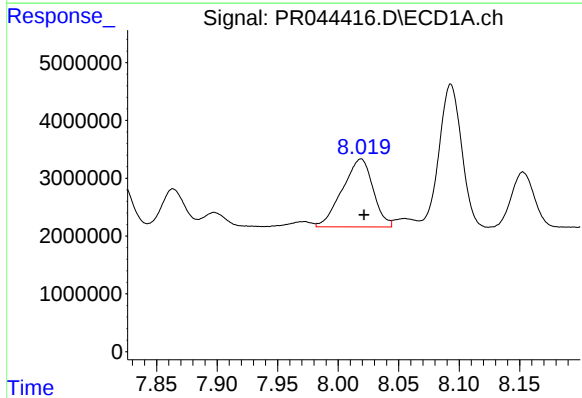
R.T.: 7.601 min
Delta R.T.: 0.000 min
Response: 1476859
Conc: 4.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



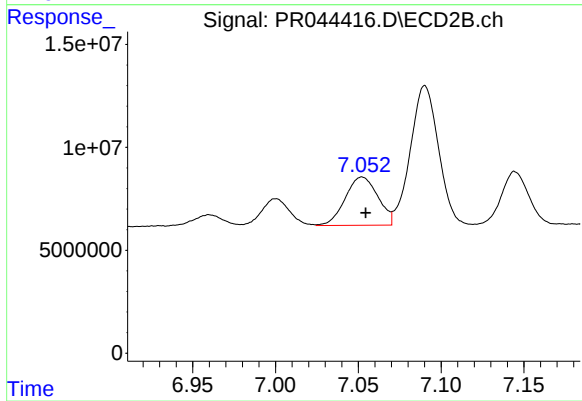
#29 AR-1254-4

R.T.: 6.638 min
Delta R.T.: 0.002 min
Response: 1828810
Conc: 2.54 ng/ml



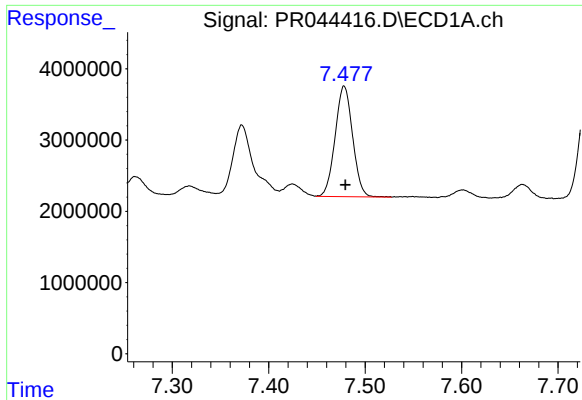
#30 AR-1254-5

R.T.: 8.019 min
Delta R.T.: -0.003 min
Response: 20759492
Conc: 58.34 ng/ml



#30 AR-1254-5

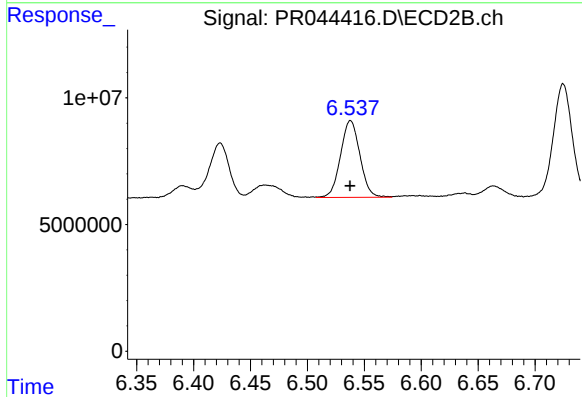
R.T.: 7.052 min
Delta R.T.: -0.002 min
Response: 32166747
Conc: 37.67 ng/ml



#31 AR-1260-1

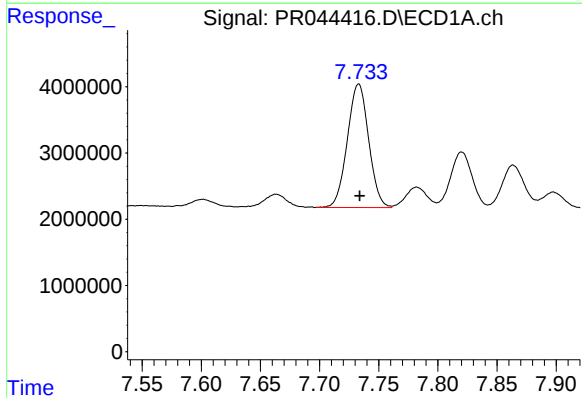
R.T.: 7.478 min
Delta R.T.: -0.001 min
Response: 19537510
Conc: 58.54 ng/ml

Instrument :
ECD_R
ClientSampleId :



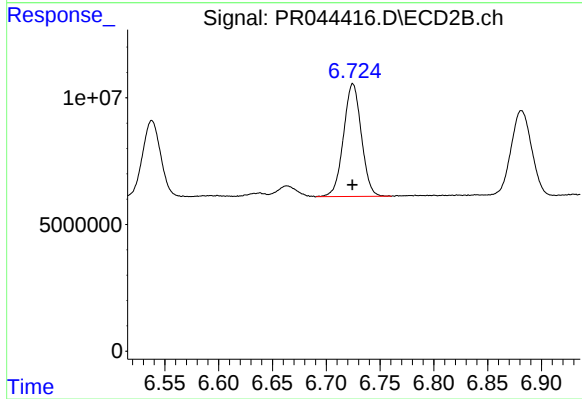
#31 AR-1260-1

R.T.: 6.538 min
Delta R.T.: 0.000 min
Response: 36006245
Conc: 52.80 ng/ml



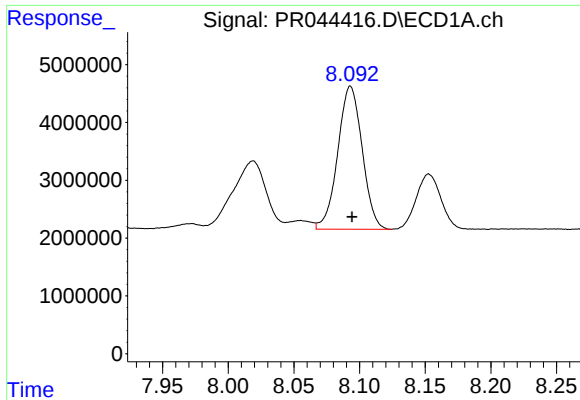
#32 AR-1260-2

R.T.: 7.733 min
Delta R.T.: 0.000 min
Response: 23392360
Conc: 57.28 ng/ml



#32 AR-1260-2

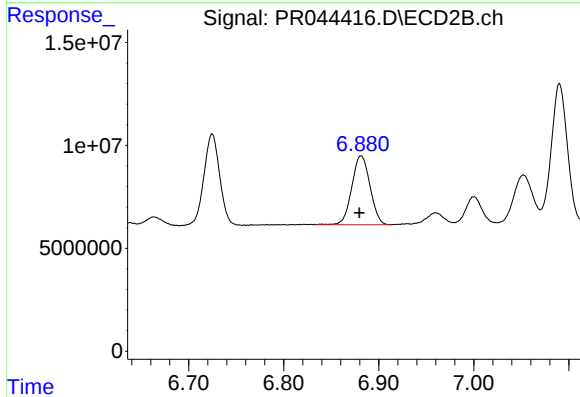
R.T.: 6.725 min
Delta R.T.: 0.000 min
Response: 51378178
Conc: 51.45 ng/ml



#33 AR-1260-3

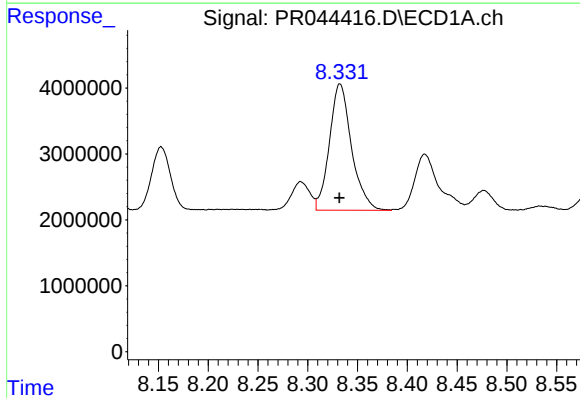
R.T.: 8.093 min
Delta R.T.: -0.001 min
Response: 32041383
Conc: 103.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



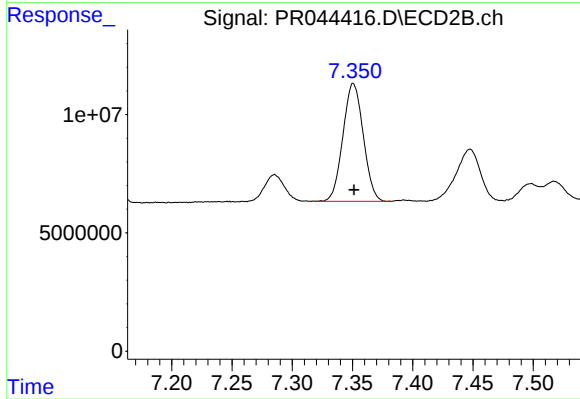
#33 AR-1260-3

R.T.: 6.881 min
Delta R.T.: 0.002 min
Response: 44669746
Conc: 55.08 ng/ml



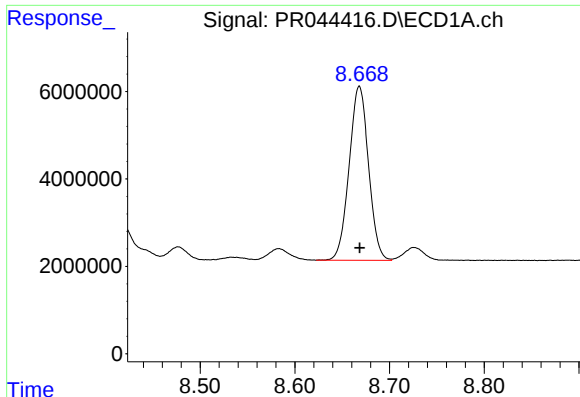
#34 AR-1260-4

R.T.: 8.332 min
Delta R.T.: 0.000 min
Response: 29583749
Conc: 80.99 ng/ml



#34 AR-1260-4

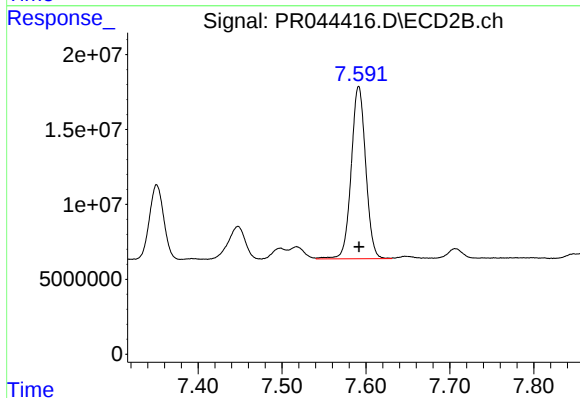
R.T.: 7.351 min
Delta R.T.: 0.000 min
Response: 58541097
Conc: 81.17 ng/ml



#35 AR-1260-5

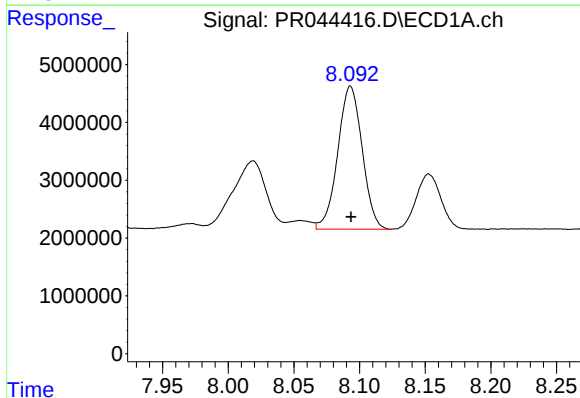
R.T.: 8.668 min
Delta R.T.: 0.000 min
Response: 56707197
Conc: 72.68 ng/ml

Instrument :
ECD_R
ClientSampleId :



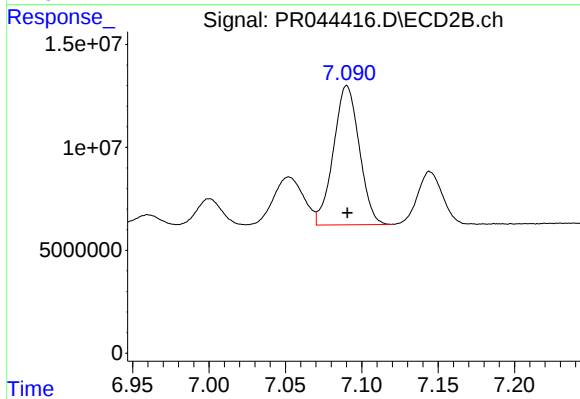
#35 AR-1260-5

R.T.: 7.591 min
Delta R.T.: 0.000 min
Response: 138232778
Conc: 63.94 ng/ml



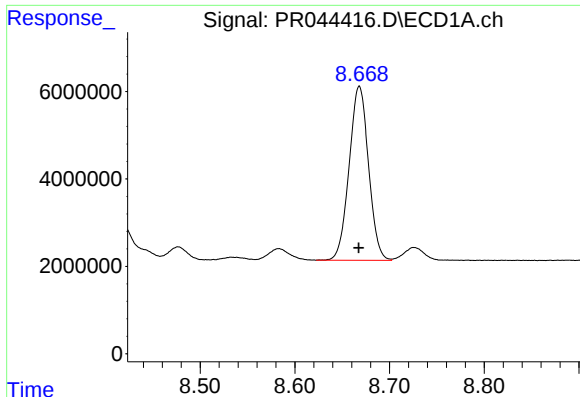
#36 AR-1262-1

R.T.: 8.093 min
Delta R.T.: 0.000 min
Response: 32041383
Conc: 72.38 ng/ml



#36 AR-1262-1

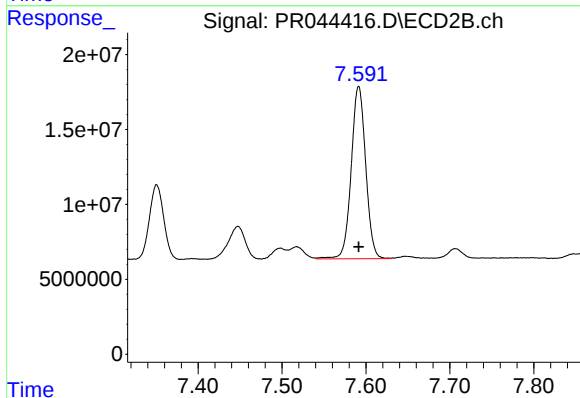
R.T.: 7.090 min
Delta R.T.: 0.000 min
Response: 79657790
Conc: 65.94 ng/ml



#37 AR-1262-2

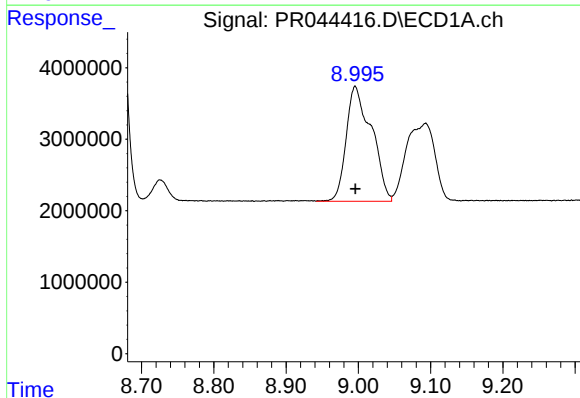
R.T.: 8.668 min
Delta R.T.: 0.000 min
Response: 56707197
Conc: 66.58 ng/ml

Instrument :
ECD_R
ClientSampleId :



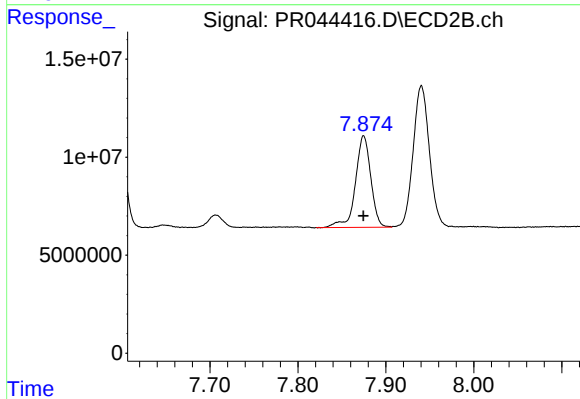
#37 AR-1262-2

R.T.: 7.591 min
Delta R.T.: 0.000 min
Response: 138232778
Conc: 62.03 ng/ml



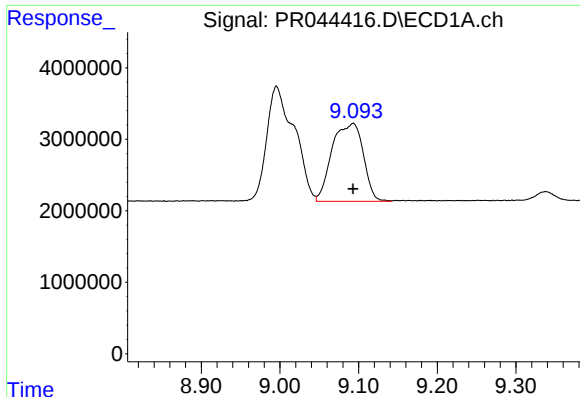
#38 AR-1262-3

R.T.: 8.996 min
Delta R.T.: 0.000 min
Response: 39226185
Conc: 71.16 ng/ml



#38 AR-1262-3

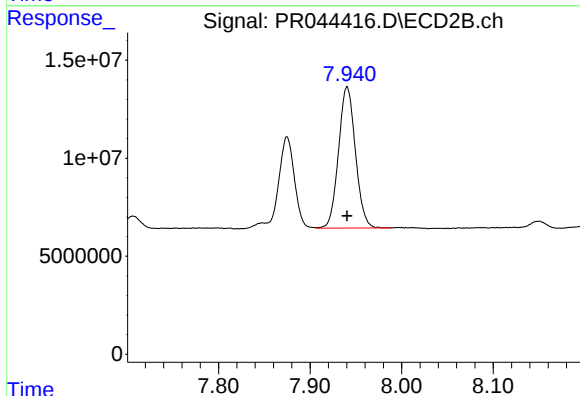
R.T.: 7.875 min
Delta R.T.: 0.000 min
Response: 56794413
Conc: 64.23 ng/ml



#39 AR-1262-4

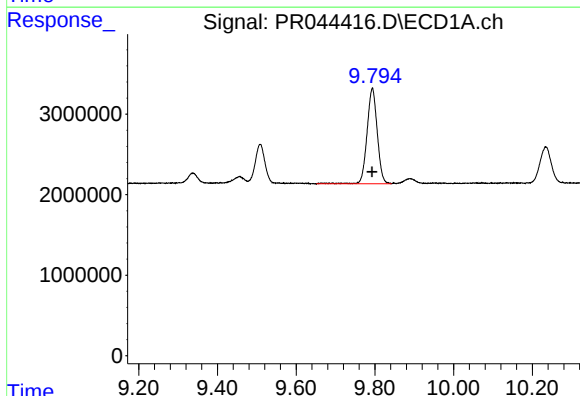
R.T.: 9.093 min
Delta R.T.: 0.000 min
Response: 30039026
Conc: 70.44 ng/ml

Instrument :
ECD_R
ClientSampleId :



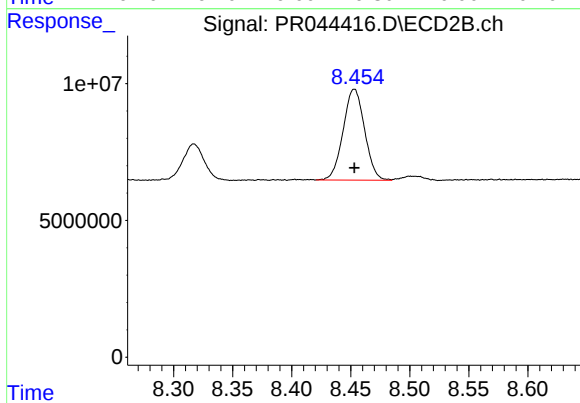
#39 AR-1262-4

R.T.: 7.940 min
Delta R.T.: 0.000 min
Response: 92371102
Conc: 62.85 ng/ml



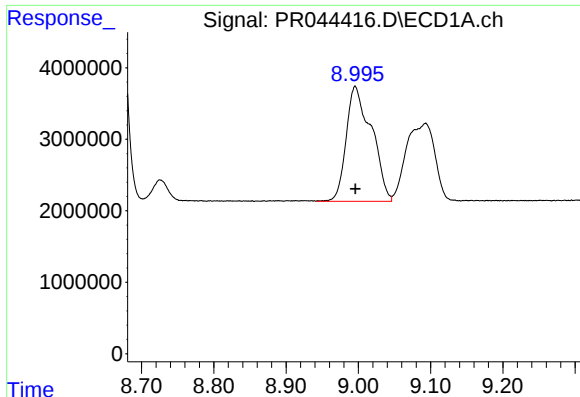
#40 AR-1262-5

R.T.: 9.794 min
Delta R.T.: 0.000 min
Response: 21358402
Conc: 69.13 ng/ml



#40 AR-1262-5

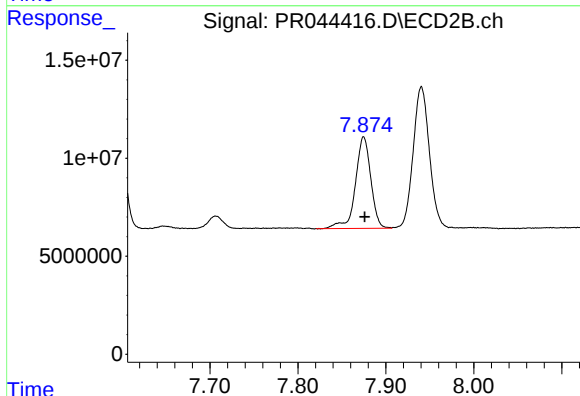
R.T.: 8.453 min
Delta R.T.: 0.000 min
Response: 42097450
Conc: 61.66 ng/ml



#41 AR-1268-1

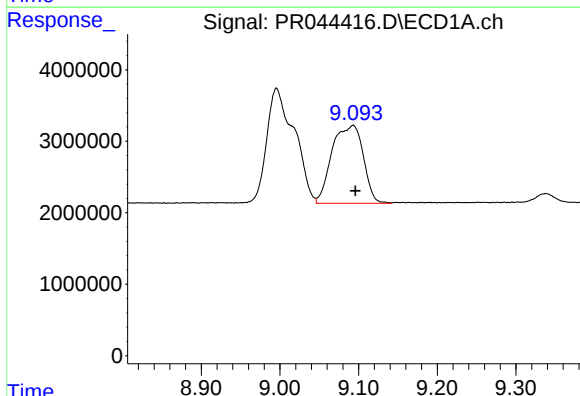
R.T.: 8.996 min
Delta R.T.: 0.000 min
Response: 39226185
Conc: 37.29 ng/ml

Instrument :
ECD_R
ClientSampleId :



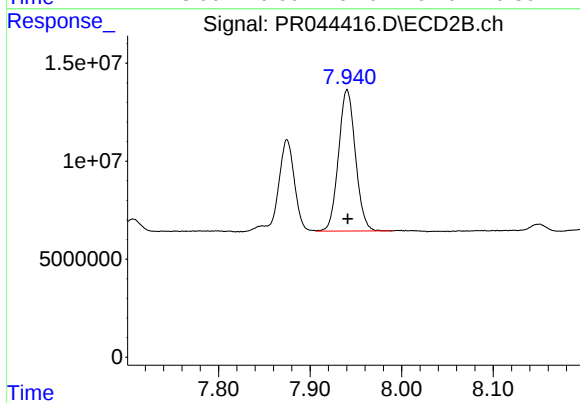
#41 AR-1268-1

R.T.: 7.875 min
Delta R.T.: -0.001 min
Response: 56794413
Conc: 21.25 ng/ml



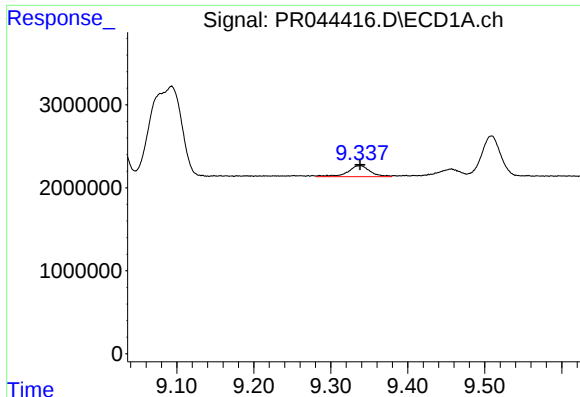
#42 AR-1268-2

R.T.: 9.093 min
Delta R.T.: -0.003 min
Response: 30039026
Conc: 30.32 ng/ml



#42 AR-1268-2

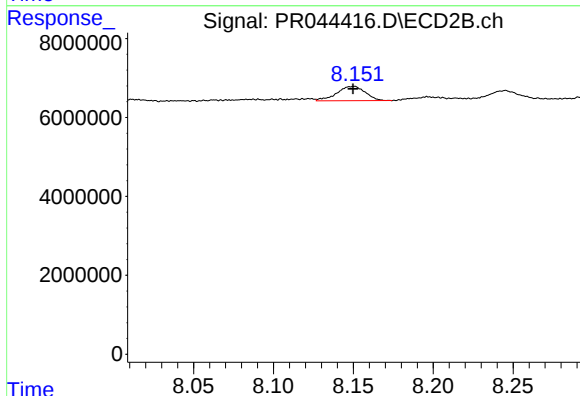
R.T.: 7.940 min
Delta R.T.: 0.000 min
Response: 92371102
Conc: 40.40 ng/ml



#43 AR-1268-3

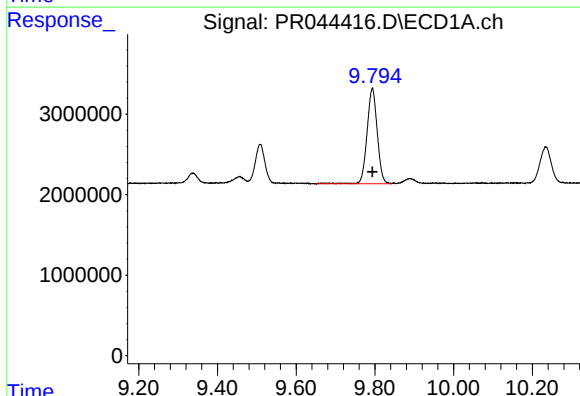
R.T.: 9.338 min
Delta R.T.: 0.000 min
Response: 2694272
Conc: 3.26 ng/ml

Instrument :
ECD_R
ClientSampleId :



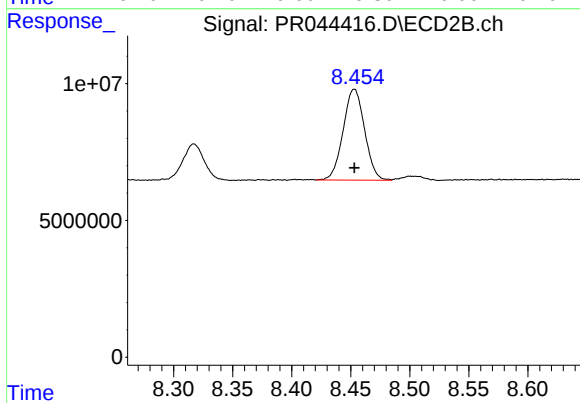
#43 AR-1268-3

R.T.: 8.150 min
Delta R.T.: 0.000 min
Response: 4542983
Conc: 2.33 ng/ml



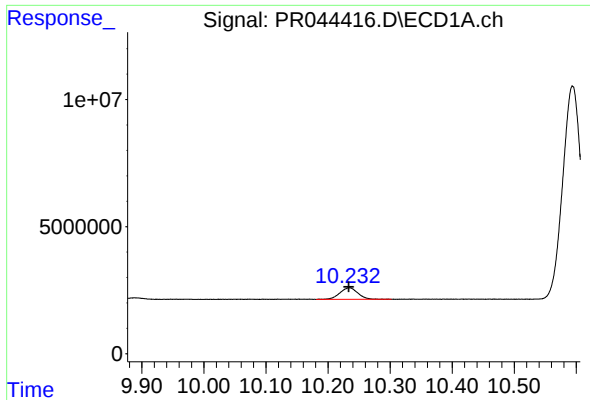
#44 AR-1268-4

R.T.: 9.794 min
Delta R.T.: 0.000 min
Response: 21358402
Conc: 60.33 ng/ml



#44 AR-1268-4

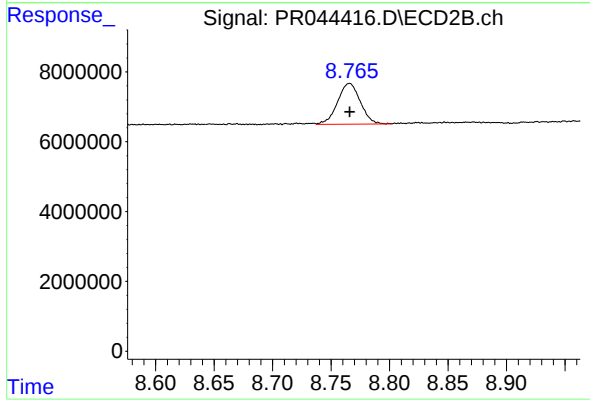
R.T.: 8.453 min
Delta R.T.: 0.000 min
Response: 42097450
Conc: 53.28 ng/ml



#45 AR-1268-5

R.T.: 10.234 min
Delta R.T.: 0.000 min
Response: 9178818
Conc: 3.19 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.766 min
Delta R.T.: 0.000 min
Response: 15816004
Conc: 2.82 ng/ml