

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR060719\
 Data File : PR038578.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Jun 2019 23:49
 Operator : SM\MA
 Sample : K3243-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 08 01:04:29 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR060519.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jun 06 01:26:25 2019
 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...	3.775	4.622	42286439	143.3E6	19.842	20.253
2)	SA Decachlor...	8.730	10.370	25673461	73771402	10.275	11.988
Target Compounds							
3)	L1 AR-1016-1	4.781	5.807	2001972	10376755	24.379	38.718 #
4)	L1 AR-1016-2	0.000	5.807	0	10376755	N.D.	27.065 #
5)	L1 AR-1016-3	0.000	5.873	0	875402	N.D.	3.840 #
6)	L1 AR-1016-4	5.144	5.936	3510507	28954712	67.684	153.492 #
7)	L1 AR-1016-5	5.238	6.260	12085297	6804689	176.893	36.465 #
8)	L2 AR-1221-1	0.000	4.792	0	1787666	N.D.	14.115 #
10)	L2 AR-1221-3	4.189	0.000	7391576	0	75.012	N.D. #
11)	L3 AR-1232-1	4.189	0.000	7391576	0	104.056	N.D. #
12)	L3 AR-1232-2	0.000	5.502	0	3178025	N.D.	27.907 #
13)	L3 AR-1232-3	0.000	5.807	0	10376755	N.D.	41.876 #
14)	L3 AR-1232-4	5.144	5.936	3510507	28954712	97.486	239.457 #
15)	L3 AR-1232-5	5.238	6.059	12085297	5486942	296.872	63.211 #
16)	L4 AR-1242-1	4.781	5.807	2001972	10376755	18.846	29.290 #
17)	L4 AR-1242-2	0.000	5.807	0	10376755	N.D.	20.384 #
18)	L4 AR-1242-3	0.000	5.873	0	875402	N.D.	2.910 #
19)	L4 AR-1242-4	5.144	5.936	3510507	28954712	43.450	115.227 #
20)	L4 AR-1242-5	5.642	6.665	19345561	33102939	165.185	114.673 #
21)	L5 AR-1248-1	4.781	5.807	2001972	10376755	22.810	37.164 #
22)	L5 AR-1248-2	5.144	6.059	3510507	5486942	29.942	15.031 #
23)	L5 AR-1248-3	5.144	6.260	3510507	6804689	29.032	16.021 #
24)	L5 AR-1248-4	5.238	6.637	12085297	44147005	80.121	87.477
25)	L5 AR-1248-5	5.707	6.665	4160409	33102939	25.687	69.318 #
26)	L6 AR-1254-1	5.642	6.637	19345561	44147005	87.539	94.904
27)	L6 AR-1254-2	5.804	6.837	12774405	51581194	67.390	77.728
28)	L6 AR-1254-3	6.194	7.209	17860076	41288450	56.725	54.520
29)	L6 AR-1254-4	6.403	7.470	3582018	14972149	16.651	25.982 #
30)	L6 AR-1254-5	6.814	7.898	18524484	22039414	65.285	36.144 #
31)	L7 AR-1260-1	6.306	7.359	8019326	20014836	60.664	58.247
32)	L7 AR-1260-2	6.492	7.607	9451239	126.6E6	55.416	312.351 #
33)	L7 AR-1260-3	6.643	7.967	8768790	8835444	58.080	29.025 #
34)	L7 AR-1260-4	7.108	8.193	2256287	11924687	17.456	33.499 #
35)	L7 AR-1260-5	7.346	8.524	7617113	14106194	22.351	19.408
36)	L8 AR-1262-1	6.907	7.967	2532932	8835444	21.167	12.491 #
37)	L8 AR-1262-2	7.346	8.524	7617113	14106194	11.808	9.959
38)	L8 AR-1262-3	7.627	8.860	1504856	14077008	5.519	15.544 #
39)	L8 AR-1262-4	7.690	8.933	5316207	6201774	10.862	9.164
40)	L8 AR-1262-5	8.182	9.605	1927002	5321225	8.748	10.819
41)	L9 AR-1268-1	7.627	8.860	1504856	14077008	2.906	12.888 #
42)	L9 AR-1268-2	7.690	8.933	5316207	6201774	11.360	6.167 #

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 Quant Time: Jun 08 01:04:29 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR060519.M
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 Response via : Initial Calibration
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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
44) L9	AR-1268-4	8.182	9.605	1927002	5321225	11.916	14.918 #
45) L9	AR-1268-5	8.474	10.026	1856645	4265282	1.524	1.566

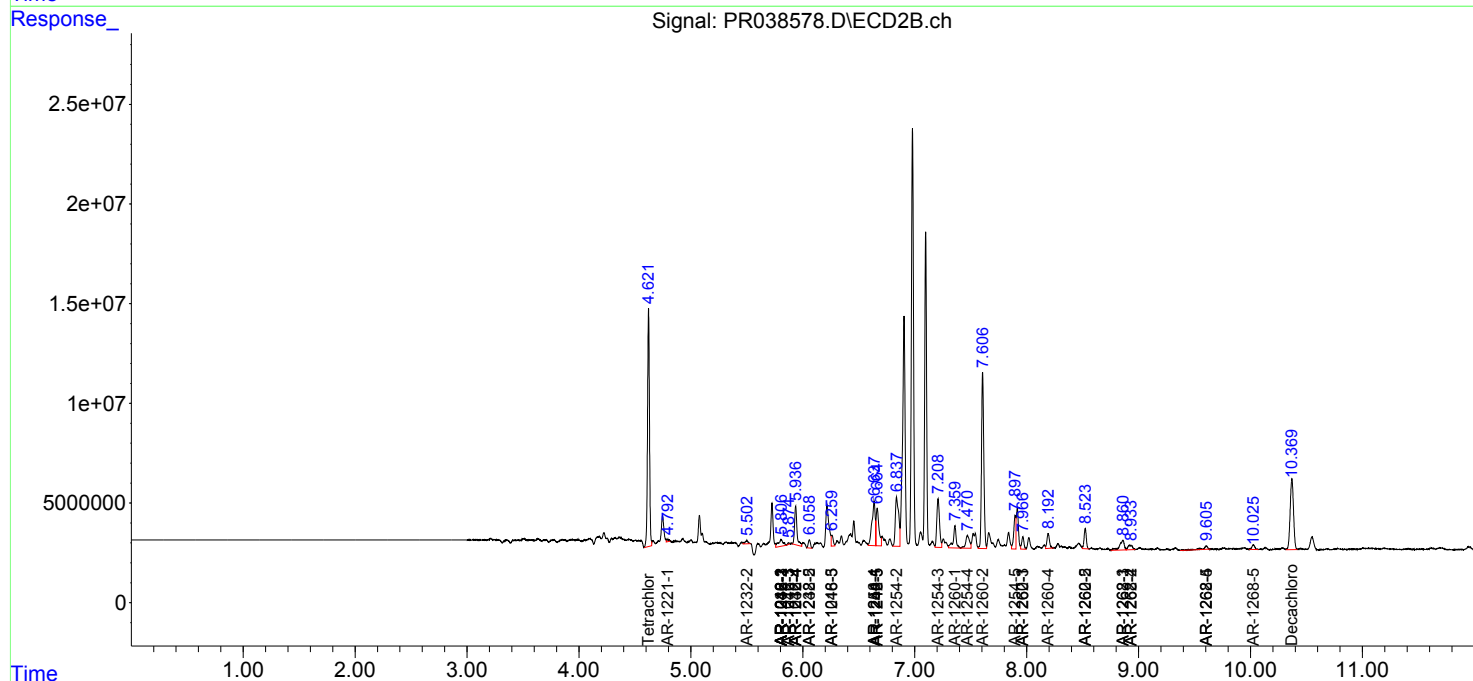
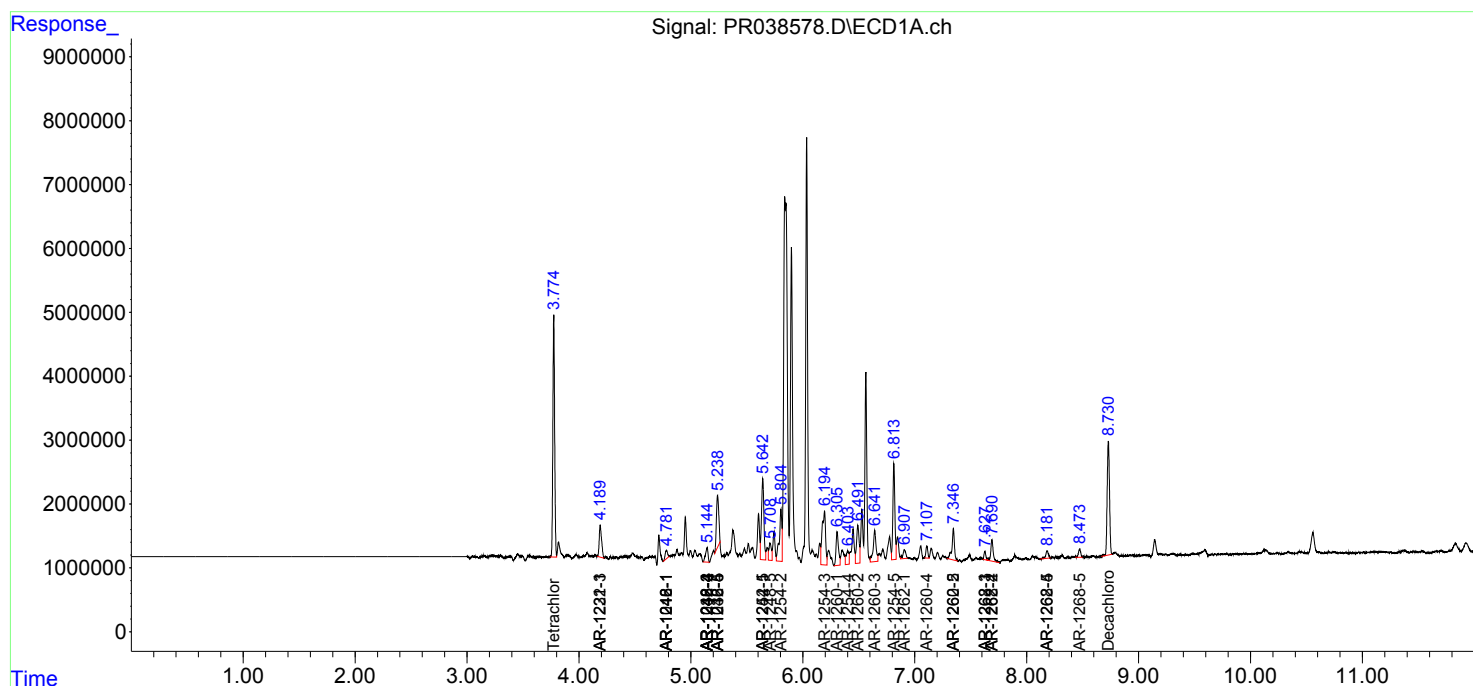
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

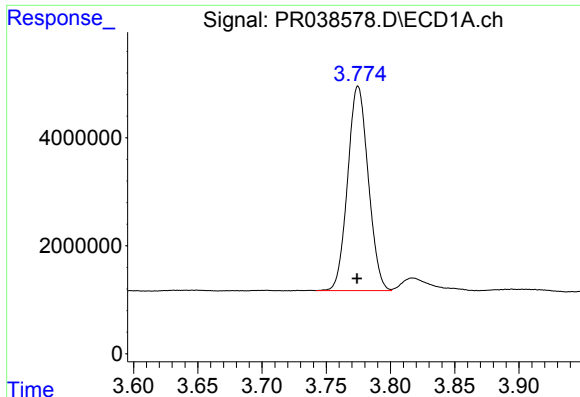
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

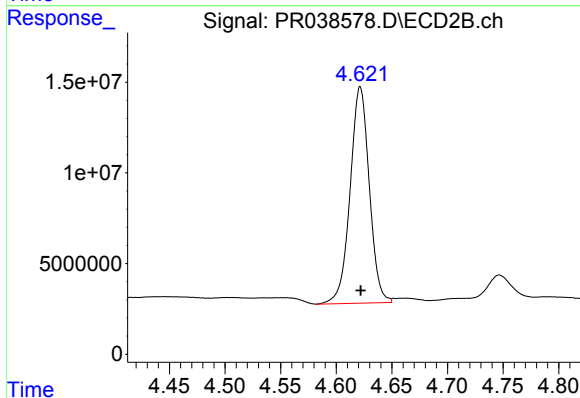




#1 Tetrachloro-m-xylene

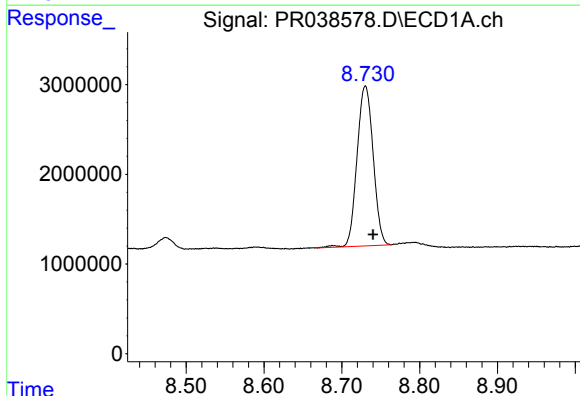
R.T.: 3.775 min
Delta R.T.: 0.000 min
Response: 42286439
Conc: 19.84 ng/ml

Instrument :
ECD_R
ClientSampleId :



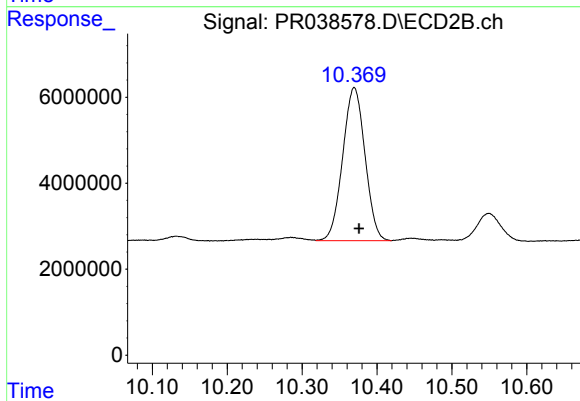
#1 Tetrachloro-m-xylene

R.T.: 4.622 min
Delta R.T.: 0.000 min
Response: 143275972
Conc: 20.25 ng/ml



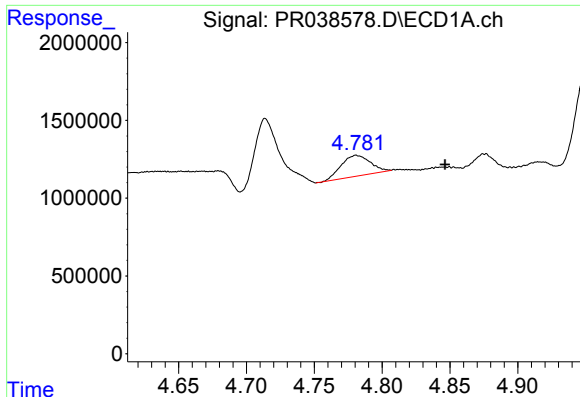
#2 Decachlorobiphenyl

R.T.: 8.730 min
Delta R.T.: -0.010 min
Response: 25673461
Conc: 10.27 ng/ml



#2 Decachlorobiphenyl

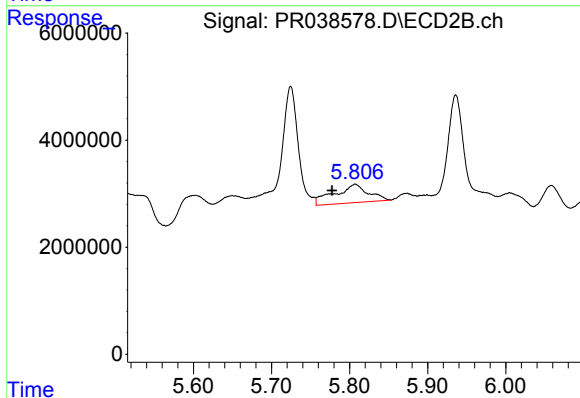
R.T.: 10.370 min
Delta R.T.: -0.006 min
Response: 73771402
Conc: 11.99 ng/ml



#3 AR-1016-1

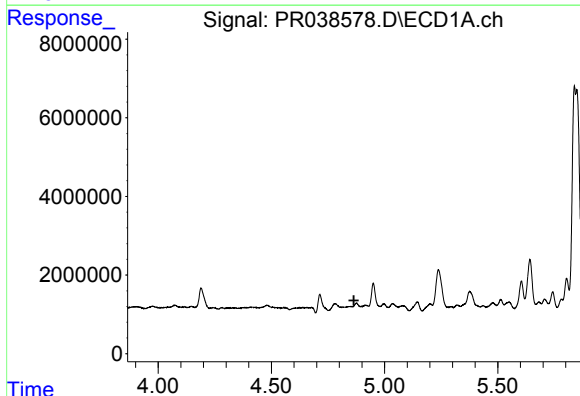
R.T.: 4.781 min
Delta R.T.: -0.066 min
Response: 2001972
Conc: 24.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



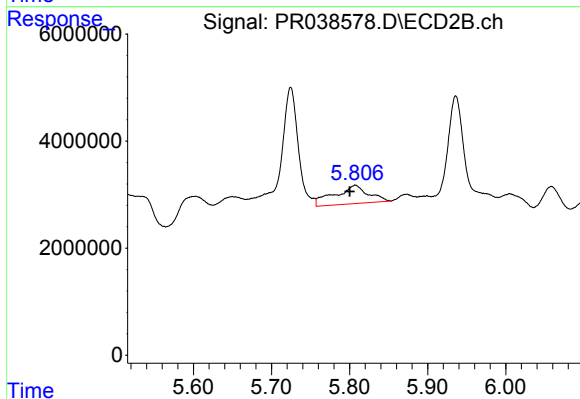
#3 AR-1016-1

R.T.: 5.807 min
Delta R.T.: 0.030 min
Response: 10376755
Conc: 38.72 ng/ml



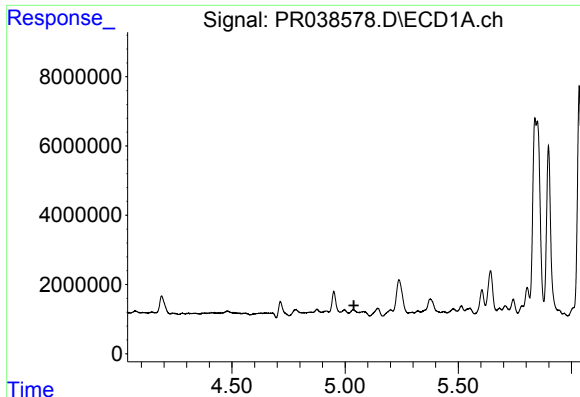
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 4.864 min
Response: 0
Conc: N.D.



#4 AR-1016-2

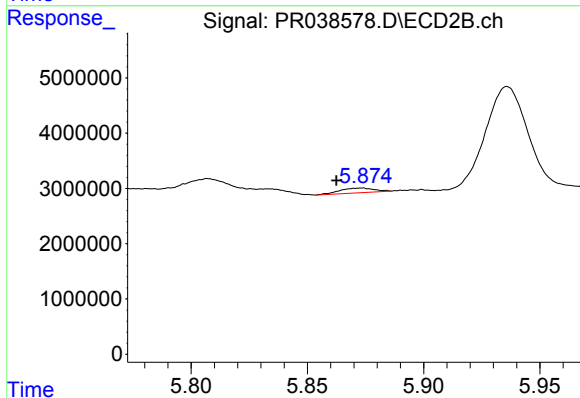
R.T.: 5.807 min
Delta R.T.: 0.007 min
Response: 10376755
Conc: 27.07 ng/ml



#5 AR-1016-3

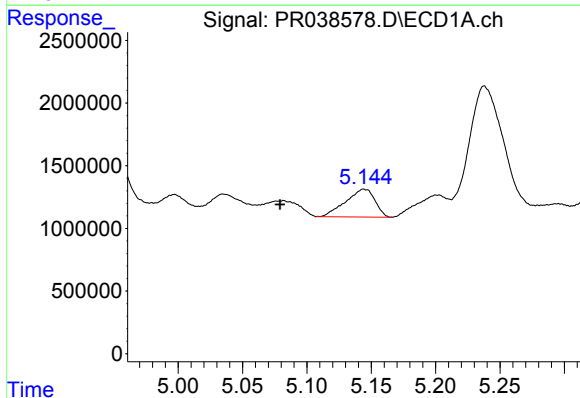
R.T.: 0.000 min
Exp R.T.: 5.039 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



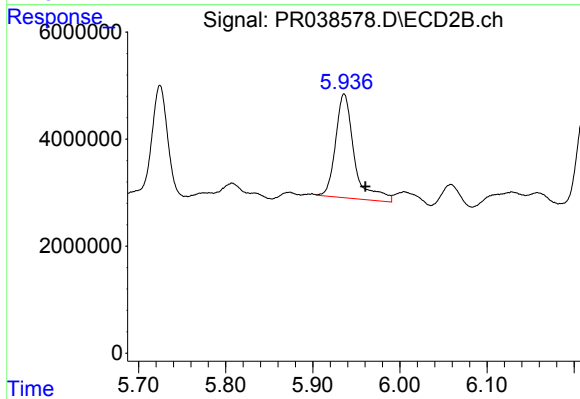
#5 AR-1016-3

R.T.: 5.873 min
Delta R.T.: 0.011 min
Response: 875402
Conc: 3.84 ng/ml



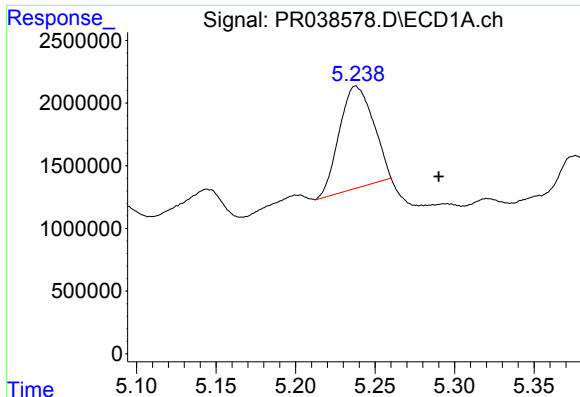
#6 AR-1016-4

R.T.: 5.144 min
Delta R.T.: 0.065 min
Response: 3510507
Conc: 67.68 ng/ml



#6 AR-1016-4

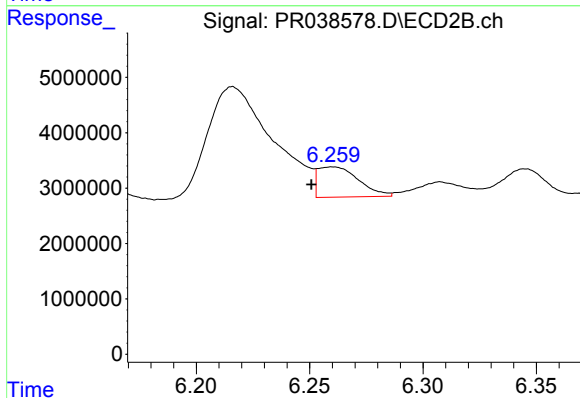
R.T.: 5.936 min
Delta R.T.: -0.024 min
Response: 28954712
Conc: 153.49 ng/ml



#7 AR-1016-5

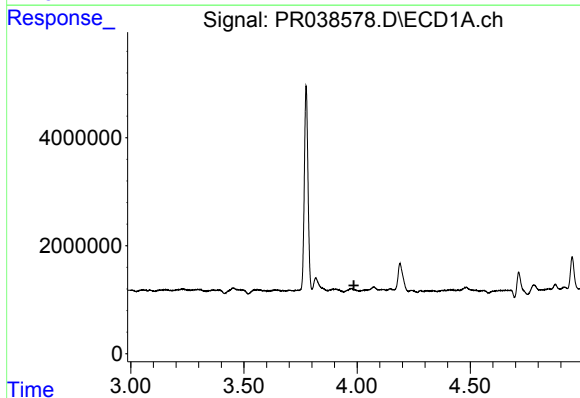
R.T.: 5.238 min
Delta R.T.: -0.052 min
Response: 12085297
Conc: 176.89 ng/ml

Instrument :
ECD_R
ClientSampleId :



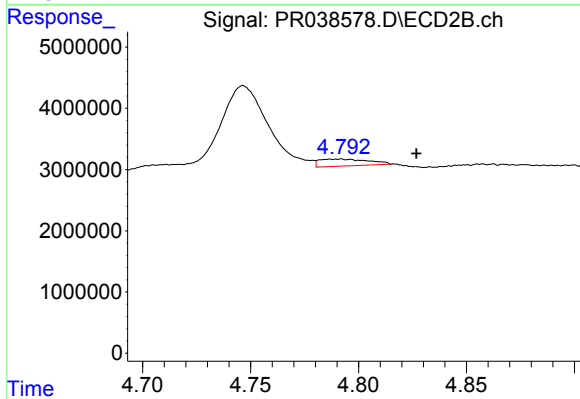
#7 AR-1016-5

R.T.: 6.260 min
Delta R.T.: 0.009 min
Response: 6804689
Conc: 36.47 ng/ml



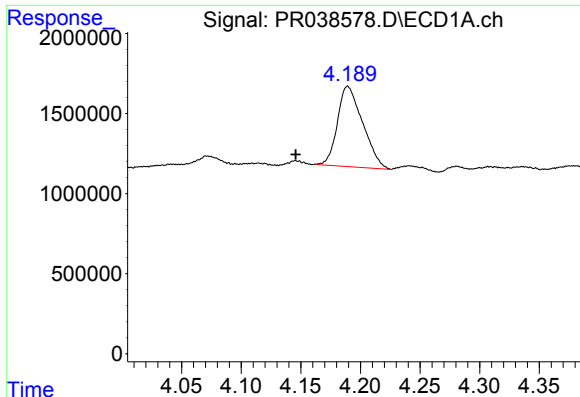
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 3.986 min
Response: 0
Conc: N.D.



#8 AR-1221-1

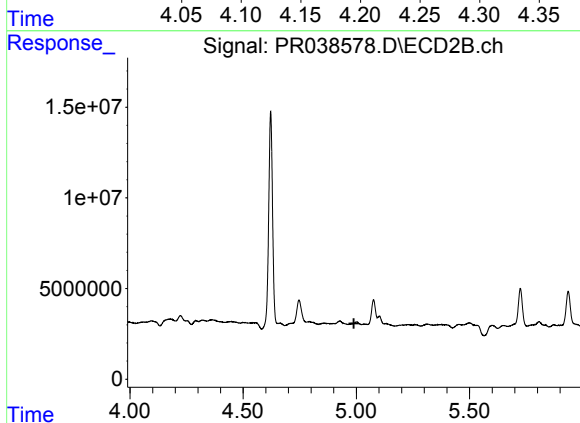
R.T.: 4.792 min
Delta R.T.: -0.035 min
Response: 1787666
Conc: 14.12 ng/ml



#10 AR-1221-3

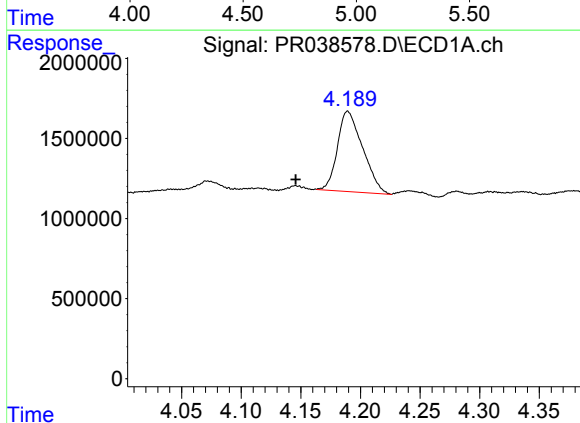
R.T.: 4.189 min
Delta R.T.: 0.044 min
Response: 7391576
Conc: 75.01 ng/ml

Instrument :
ECD_R
ClientSampleId :



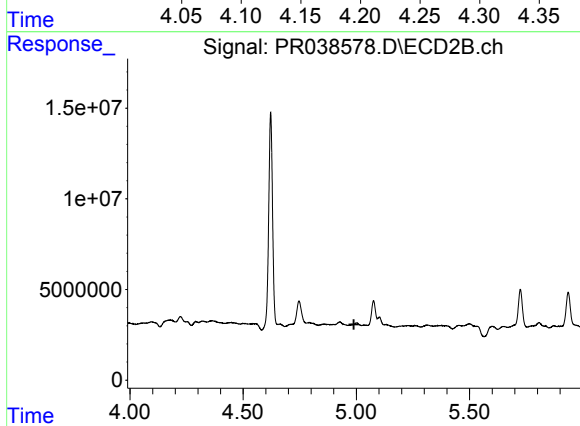
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.989 min
Response: 0
Conc: N.D.



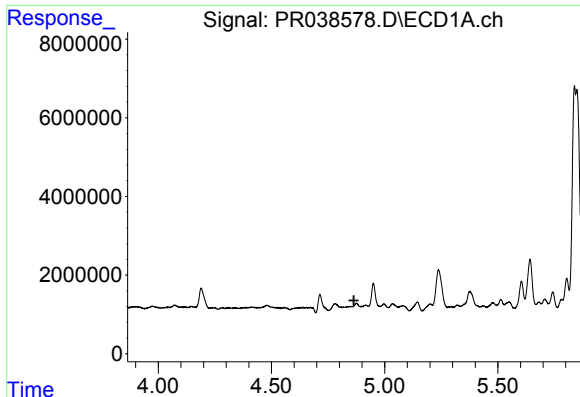
#11 AR-1232-1

R.T.: 4.189 min
Delta R.T.: 0.044 min
Response: 7391576
Conc: 104.06 ng/ml



#11 AR-1232-1

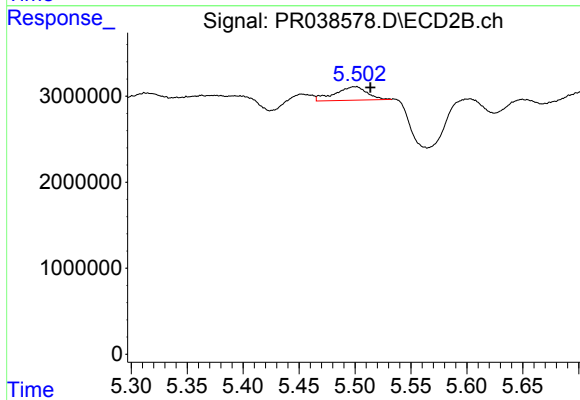
R.T.: 0.000 min
Exp R.T. : 4.989 min
Response: 0
Conc: N.D.



#12 AR-1232-2

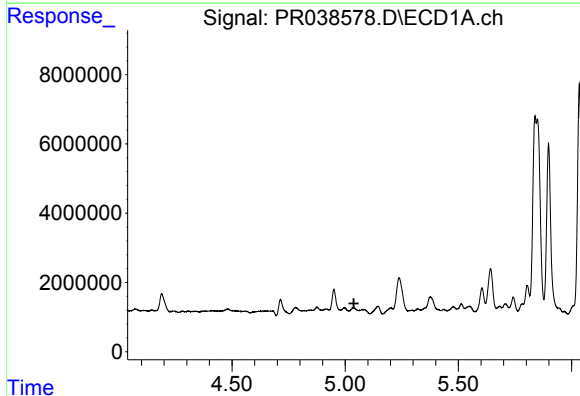
R.T.: 0.000 min
Exp R.T.: 4.864 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



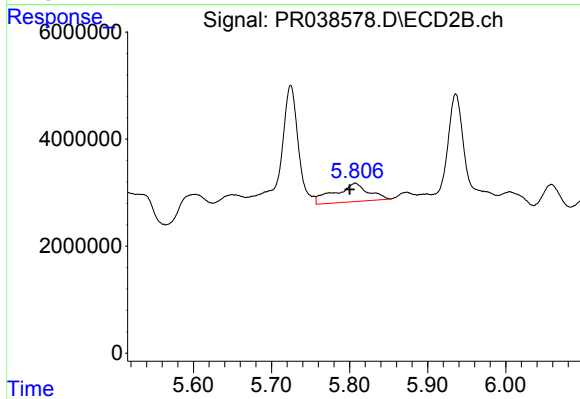
#12 AR-1232-2

R.T.: 5.502 min
Delta R.T.: -0.012 min
Response: 3178025
Conc: 27.91 ng/ml



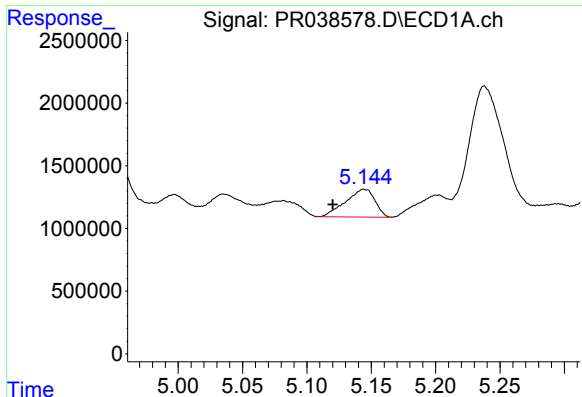
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T.: 5.038 min
Response: 0
Conc: N.D.



#13 AR-1232-3

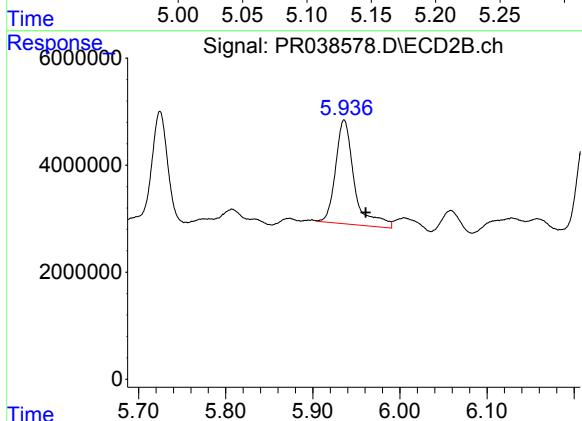
R.T.: 5.807 min
Delta R.T.: 0.007 min
Response: 10376755
Conc: 41.88 ng/ml



#14 AR-1232-4

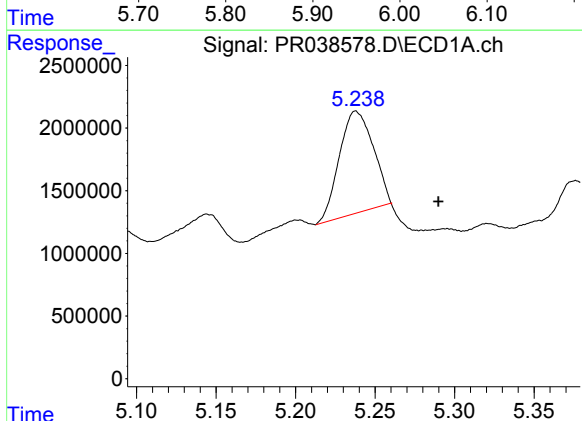
R.T.: 5.144 min
Delta R.T.: 0.024 min
Response: 3510507
Conc: 97.49 ng/ml

Instrument :
ECD_R
ClientSampleId :



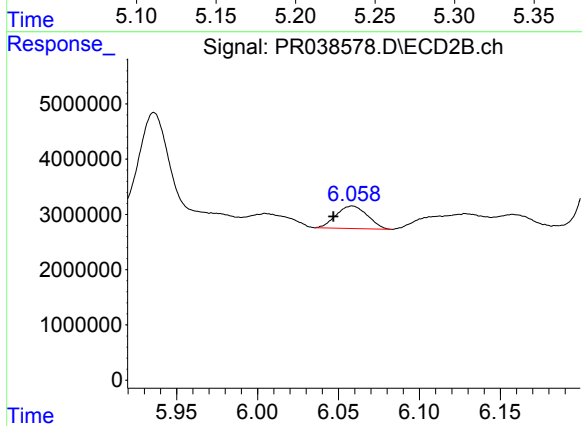
#14 AR-1232-4

R.T.: 5.936 min
Delta R.T.: -0.025 min
Response: 28954712
Conc: 239.46 ng/ml



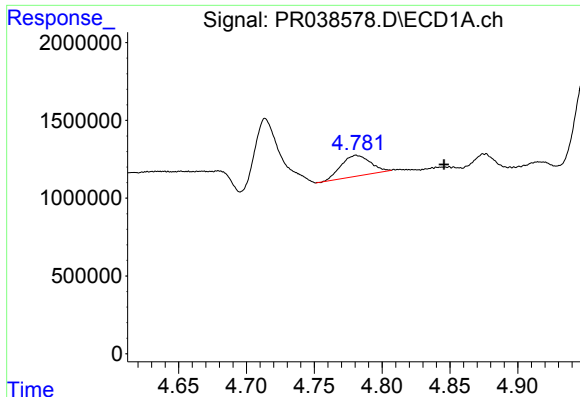
#15 AR-1232-5

R.T.: 5.238 min
Delta R.T.: -0.052 min
Response: 12085297
Conc: 296.87 ng/ml



#15 AR-1232-5

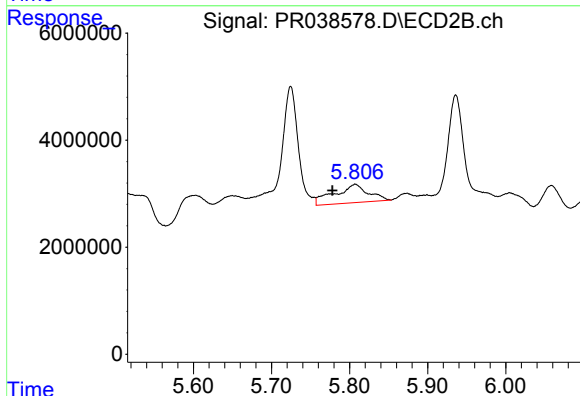
R.T.: 6.059 min
Delta R.T.: 0.012 min
Response: 5486942
Conc: 63.21 ng/ml



#16 AR-1242-1

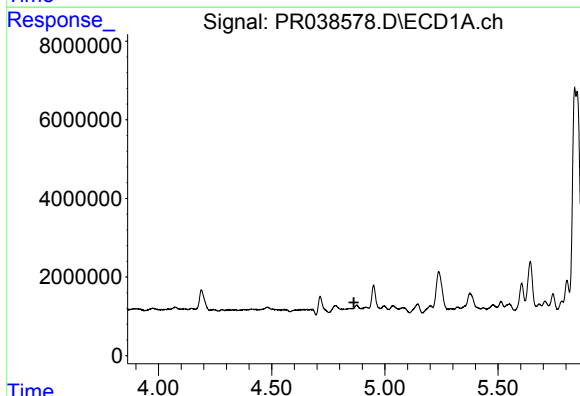
R.T.: 4.781 min
Delta R.T.: -0.065 min
Response: 2001972
Conc: 18.85 ng/ml

Instrument :
ECD_R
ClientSampleId :



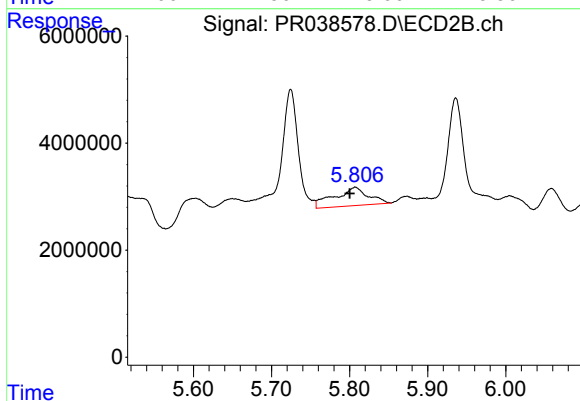
#16 AR-1242-1

R.T.: 5.807 min
Delta R.T.: 0.030 min
Response: 10376755
Conc: 29.29 ng/ml



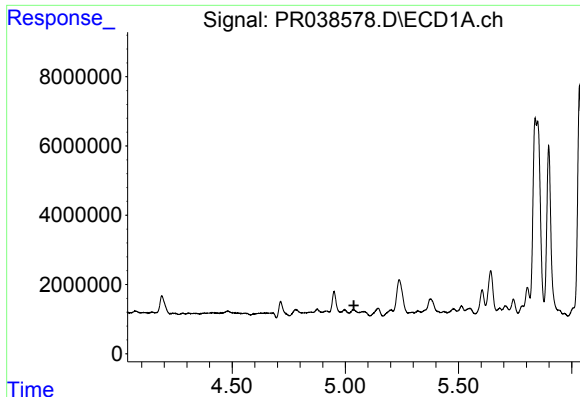
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.863 min
Response: 0
Conc: N.D.



#17 AR-1242-2

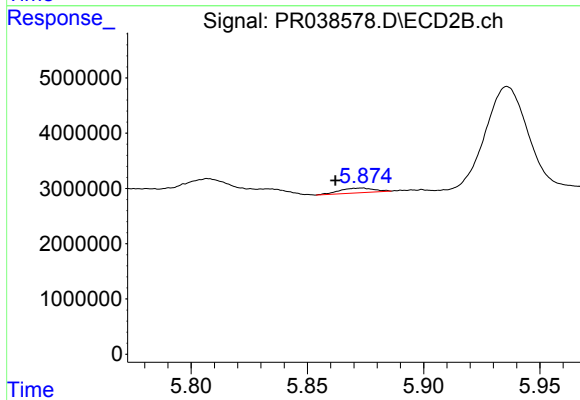
R.T.: 5.807 min
Delta R.T.: 0.007 min
Response: 10376755
Conc: 20.38 ng/ml



#18 AR-1242-3

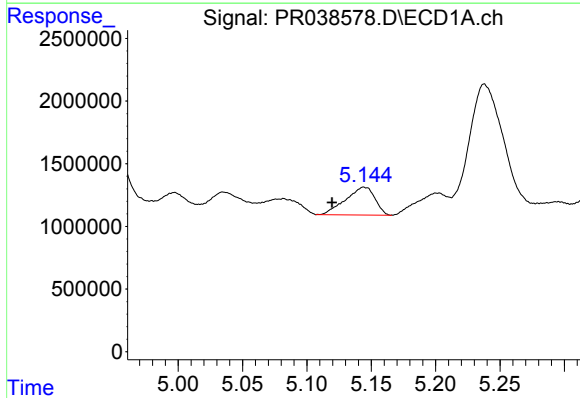
R.T.: 0.000 min
Exp R.T.: 5.038 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



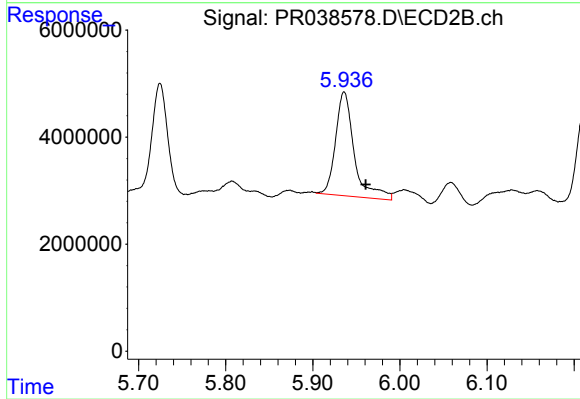
#18 AR-1242-3

R.T.: 5.873 min
Delta R.T.: 0.011 min
Response: 875402
Conc: 2.91 ng/ml



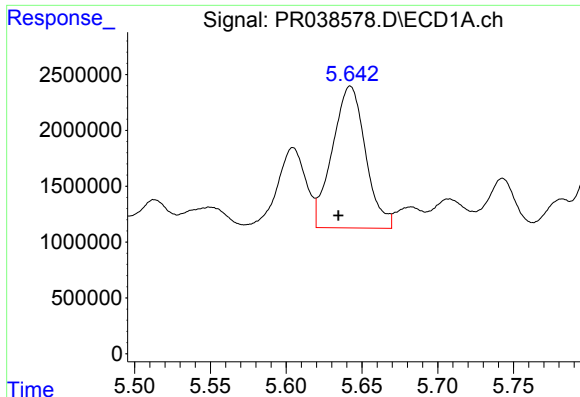
#19 AR-1242-4

R.T.: 5.144 min
Delta R.T.: 0.024 min
Response: 3510507
Conc: 43.45 ng/ml



#19 AR-1242-4

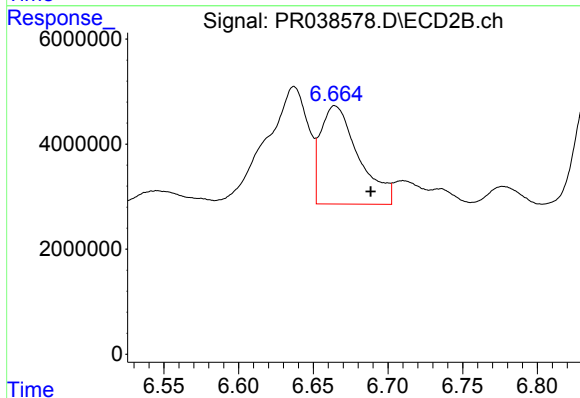
R.T.: 5.936 min
Delta R.T.: -0.025 min
Response: 28954712
Conc: 115.23 ng/ml



#20 AR-1242-5

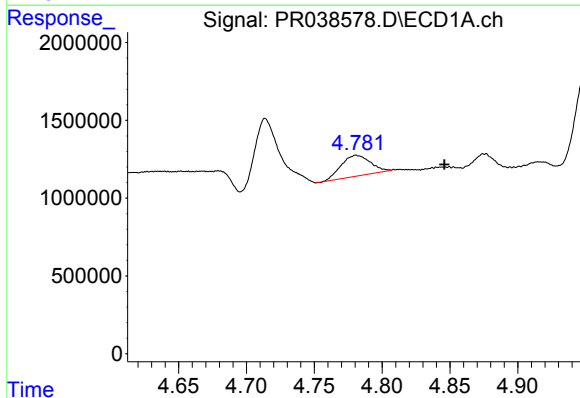
R.T.: 5.642 min
Delta R.T.: 0.008 min
Response: 19345561
Conc: 165.18 ng/ml

Instrument :
ECD_R
ClientSampleId :



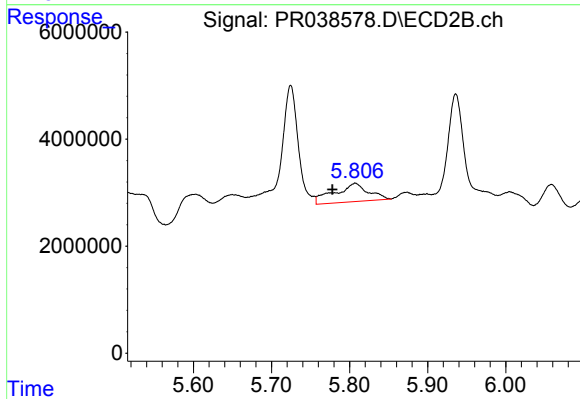
#20 AR-1242-5

R.T.: 6.665 min
Delta R.T.: -0.024 min
Response: 33102939
Conc: 114.67 ng/ml



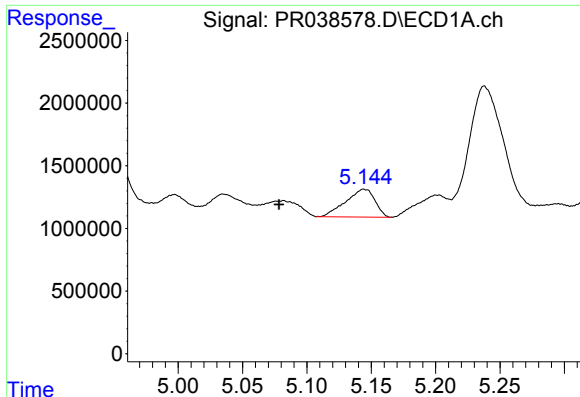
#21 AR-1248-1

R.T.: 4.781 min
Delta R.T.: -0.065 min
Response: 2001972
Conc: 22.81 ng/ml



#21 AR-1248-1

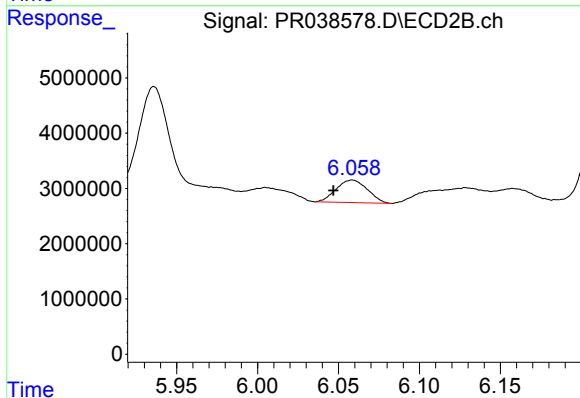
R.T.: 5.807 min
Delta R.T.: 0.029 min
Response: 10376755
Conc: 37.16 ng/ml



#22 AR-1248-2

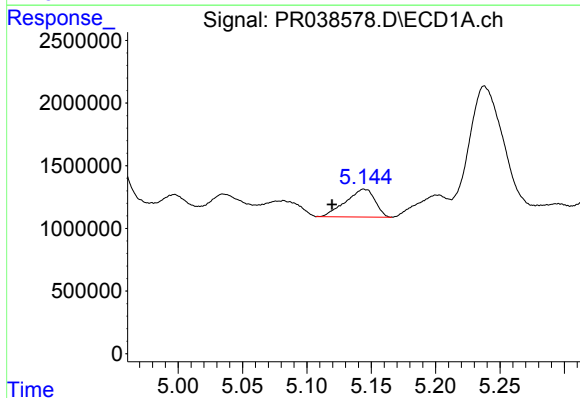
R.T.: 5.144 min
Delta R.T.: 0.066 min
Response: 3510507
Conc: 29.94 ng/ml

Instrument :
ECD_R
ClientSampleId :



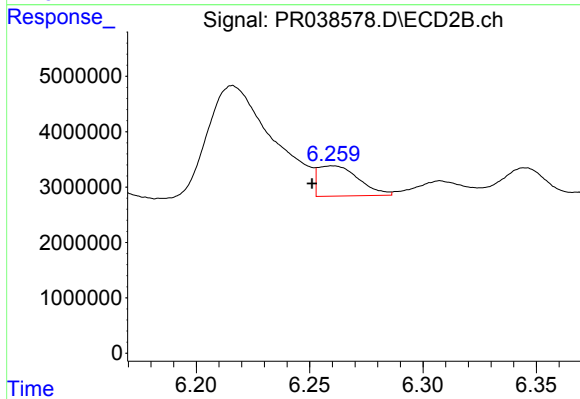
#22 AR-1248-2

R.T.: 6.059 min
Delta R.T.: 0.012 min
Response: 5486942
Conc: 15.03 ng/ml



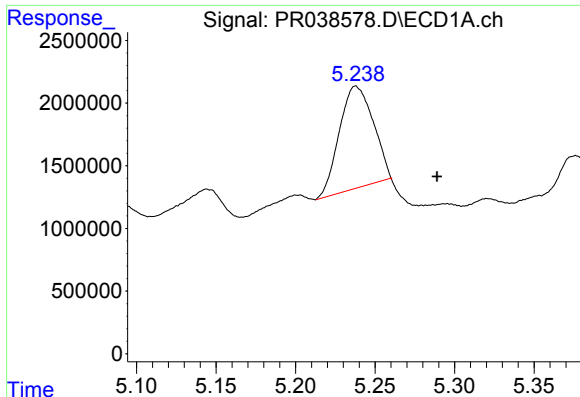
#23 AR-1248-3

R.T.: 5.144 min
Delta R.T.: 0.025 min
Response: 3510507
Conc: 29.03 ng/ml



#23 AR-1248-3

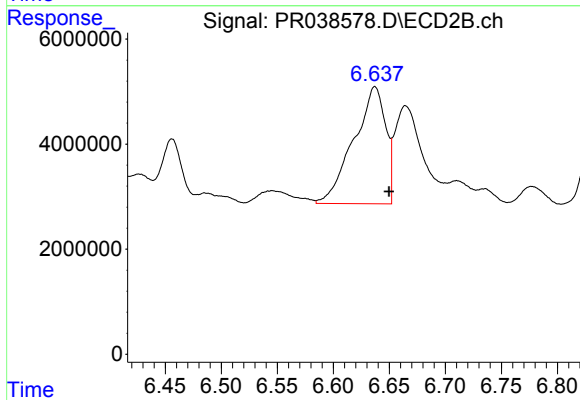
R.T.: 6.260 min
Delta R.T.: 0.009 min
Response: 6804689
Conc: 16.02 ng/ml



#24 AR-1248-4

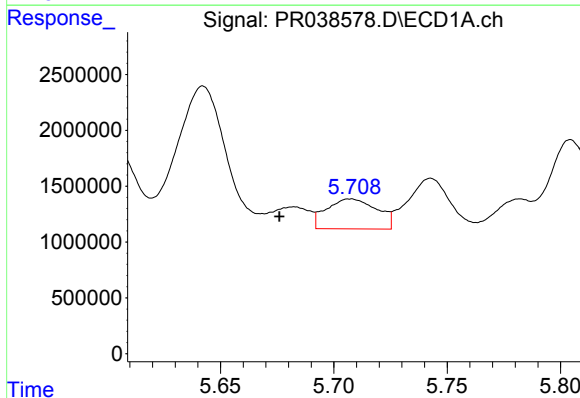
R.T.: 5.238 min
Delta R.T.: -0.051 min
Response: 12085297
Conc: 80.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



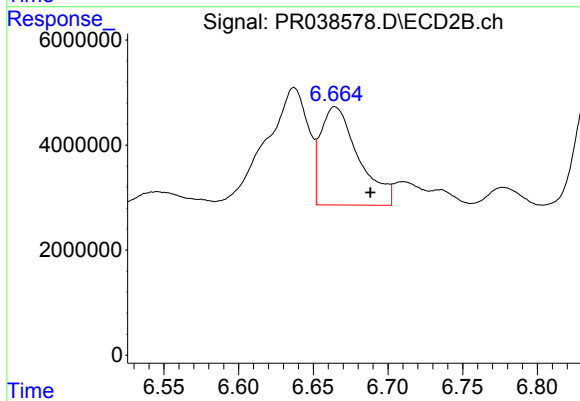
#24 AR-1248-4

R.T.: 6.637 min
Delta R.T.: -0.013 min
Response: 44147005
Conc: 87.48 ng/ml



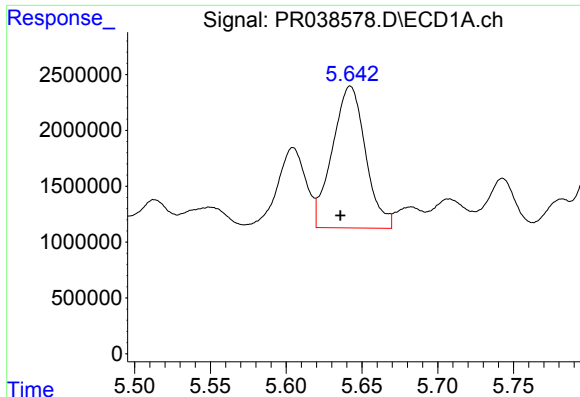
#25 AR-1248-5

R.T.: 5.707 min
Delta R.T.: 0.031 min
Response: 4160409
Conc: 25.69 ng/ml



#25 AR-1248-5

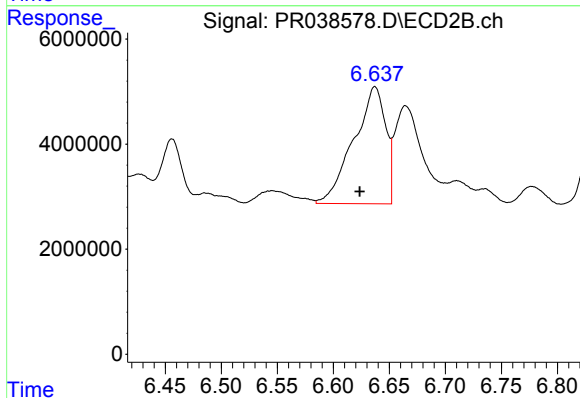
R.T.: 6.665 min
Delta R.T.: -0.024 min
Response: 33102939
Conc: 69.32 ng/ml



#26 AR-1254-1

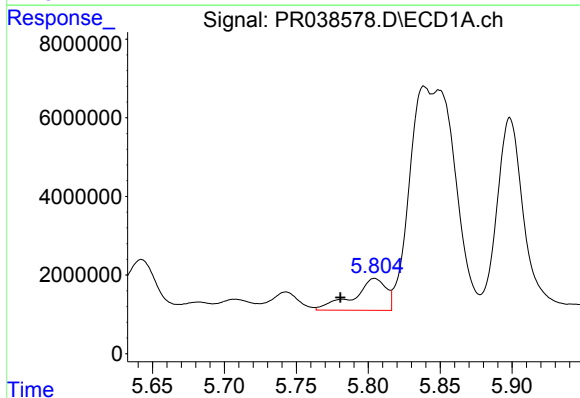
R.T.: 5.642 min
Delta R.T.: 0.007 min
Response: 19345561
Conc: 87.54 ng/ml

Instrument :
ECD_R
ClientSampleId :



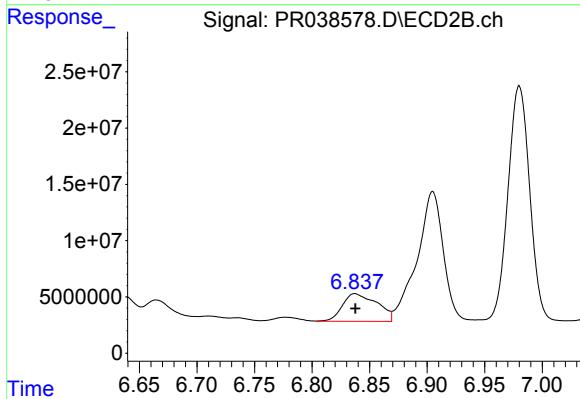
#26 AR-1254-1

R.T.: 6.637 min
Delta R.T.: 0.014 min
Response: 44147005
Conc: 94.90 ng/ml



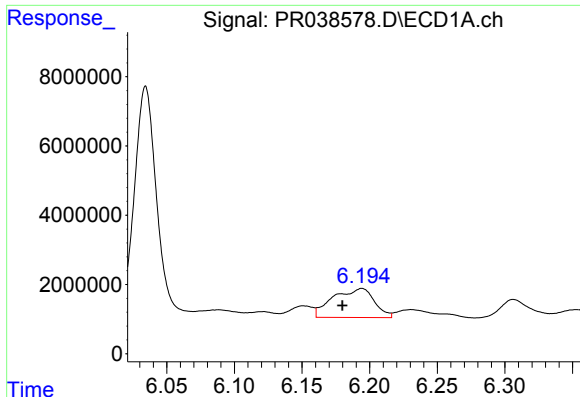
#27 AR-1254-2

R.T.: 5.804 min
Delta R.T.: 0.024 min
Response: 12774405
Conc: 67.39 ng/ml



#27 AR-1254-2

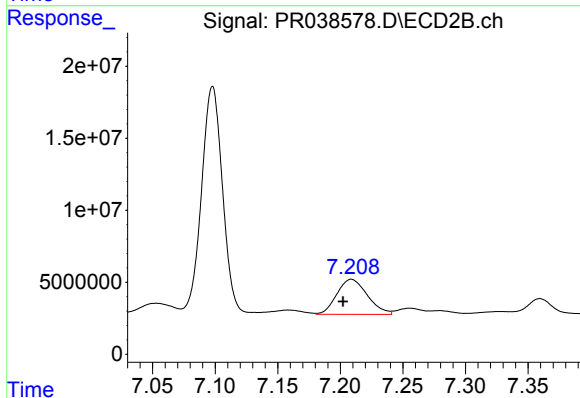
R.T.: 6.837 min
Delta R.T.: 0.000 min
Response: 51581194
Conc: 77.73 ng/ml



#28 AR-1254-3

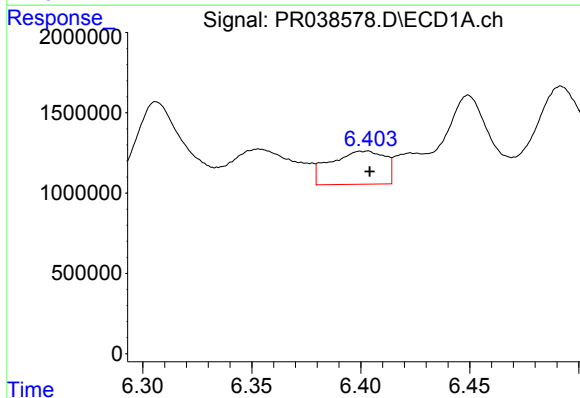
R.T.: 6.194 min
Delta R.T.: 0.014 min
Response: 17860076
Conc: 56.73 ng/ml

Instrument :
ECD_R
ClientSampleId :



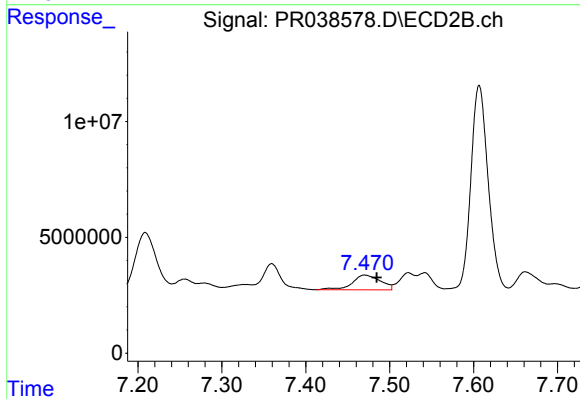
#28 AR-1254-3

R.T.: 7.209 min
Delta R.T.: 0.007 min
Response: 41288450
Conc: 54.52 ng/ml



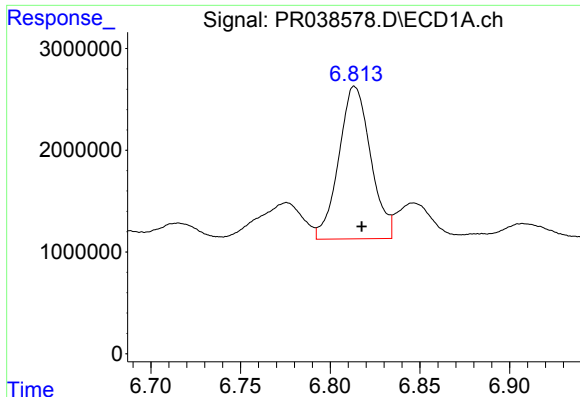
#29 AR-1254-4

R.T.: 6.403 min
Delta R.T.: -0.002 min
Response: 3582018
Conc: 16.65 ng/ml



#29 AR-1254-4

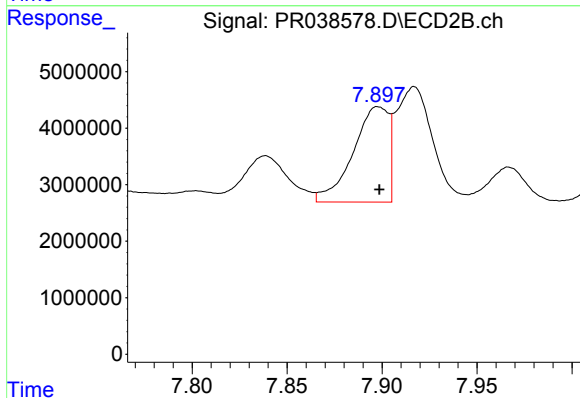
R.T.: 7.470 min
Delta R.T.: -0.014 min
Response: 14972149
Conc: 25.98 ng/ml



#30 AR-1254-5

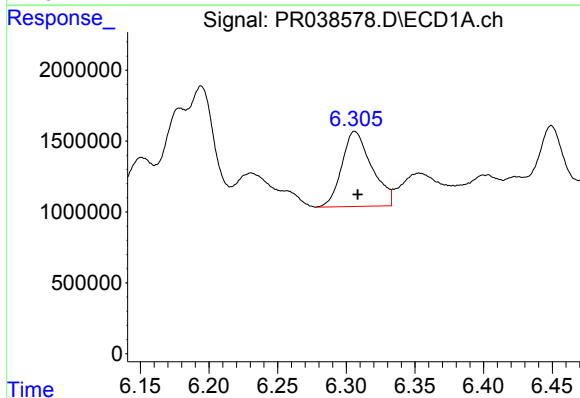
R.T.: 6.814 min
Delta R.T.: -0.004 min
Response: 18524484
Conc: 65.29 ng/ml

Instrument :
ECD_R
ClientSampleId :



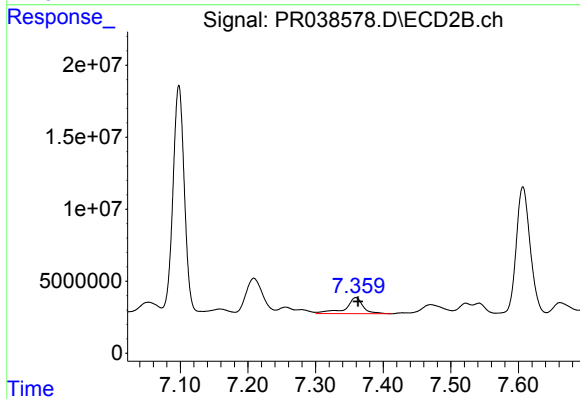
#30 AR-1254-5

R.T.: 7.898 min
Delta R.T.: 0.000 min
Response: 22039414
Conc: 36.14 ng/ml



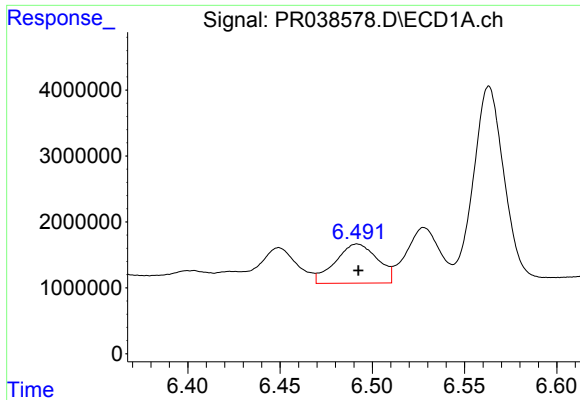
#31 AR-1260-1

R.T.: 6.306 min
Delta R.T.: -0.002 min
Response: 8019326
Conc: 60.66 ng/ml



#31 AR-1260-1

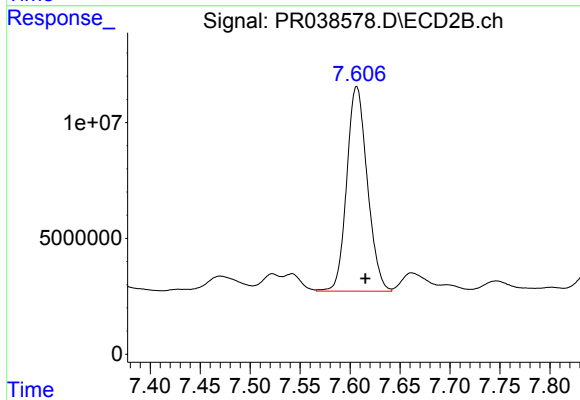
R.T.: 7.359 min
Delta R.T.: -0.003 min
Response: 20014836
Conc: 58.25 ng/ml



#32 AR-1260-2

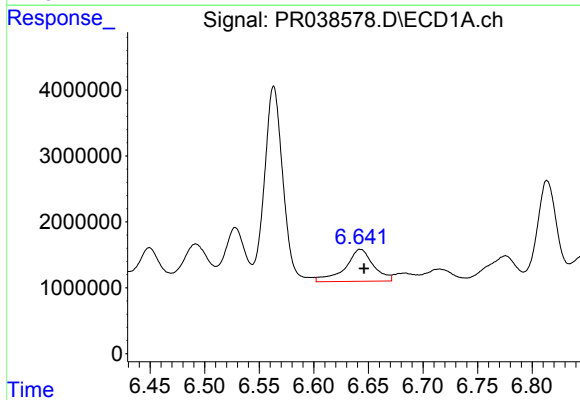
R.T.: 6.492 min
Delta R.T.: 0.000 min
Response: 9451239
Conc: 55.42 ng/ml

Instrument :
ECD_R
ClientSampleId :



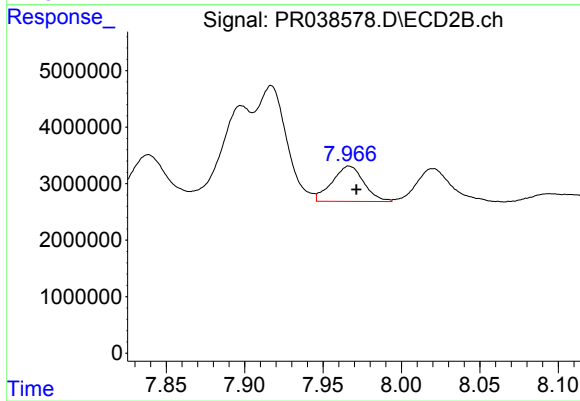
#32 AR-1260-2

R.T.: 7.607 min
Delta R.T.: -0.009 min
Response: 126590283
Conc: 312.35 ng/ml



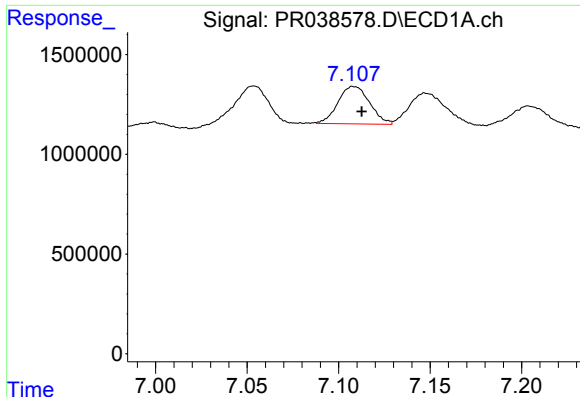
#33 AR-1260-3

R.T.: 6.643 min
Delta R.T.: -0.003 min
Response: 8768790
Conc: 58.08 ng/ml



#33 AR-1260-3

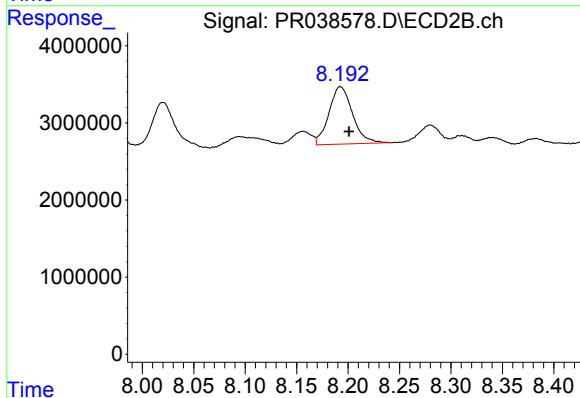
R.T.: 7.967 min
Delta R.T.: -0.005 min
Response: 8835444
Conc: 29.03 ng/ml



#34 AR-1260-4

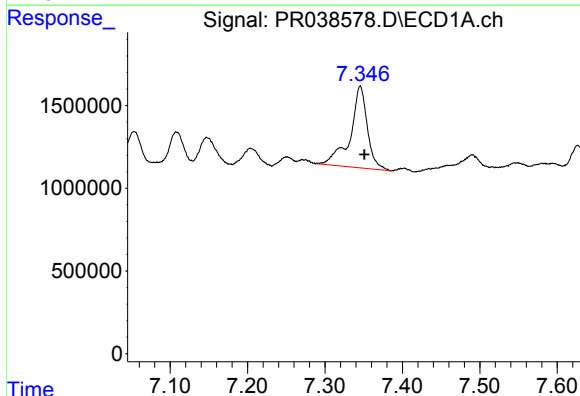
R.T.: 7.108 min
Delta R.T.: -0.004 min
Response: 2256287
Conc: 17.46 ng/ml

Instrument :
ECD_R
ClientSampleId :



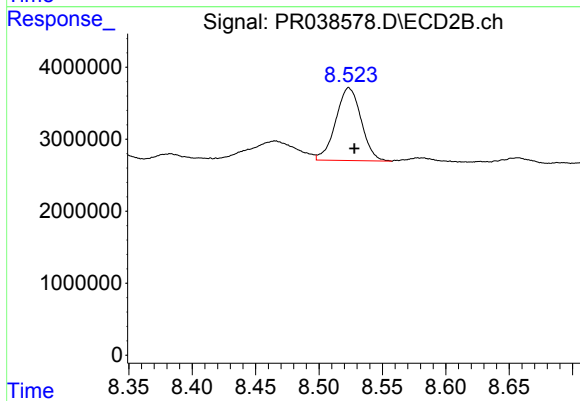
#34 AR-1260-4

R.T.: 8.193 min
Delta R.T.: -0.009 min
Response: 11924687
Conc: 33.50 ng/ml



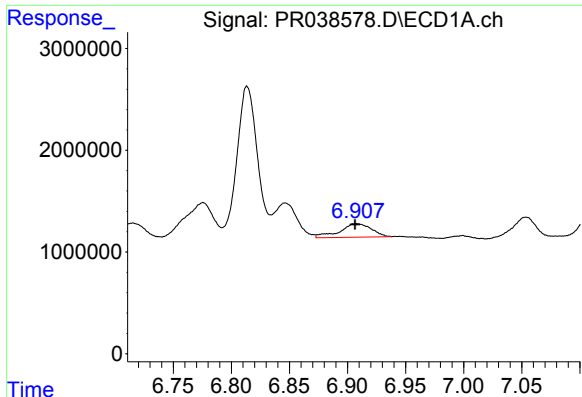
#35 AR-1260-5

R.T.: 7.346 min
Delta R.T.: -0.005 min
Response: 7617113
Conc: 22.35 ng/ml



#35 AR-1260-5

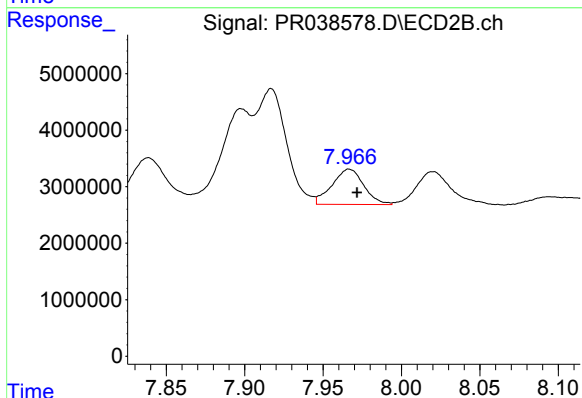
R.T.: 8.524 min
Delta R.T.: -0.004 min
Response: 14106194
Conc: 19.41 ng/ml



#36 AR-1262-1

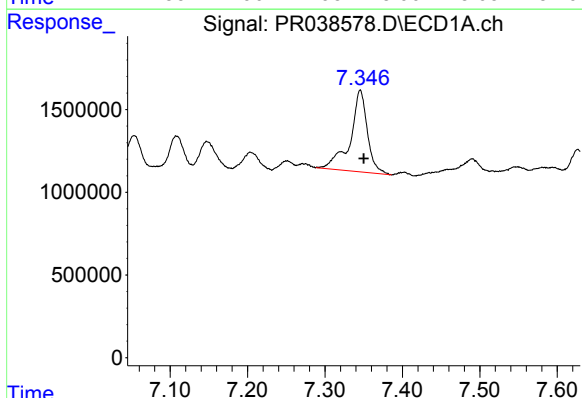
R.T.: 6.907 min
Delta R.T.: 0.000 min
Response: 2532932
Conc: 21.17 ng/ml

Instrument :
ECD_R
ClientSampleId :



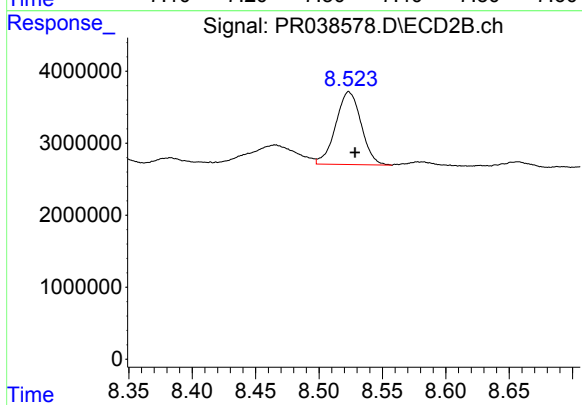
#36 AR-1262-1

R.T.: 7.967 min
Delta R.T.: -0.005 min
Response: 8835444
Conc: 12.49 ng/ml



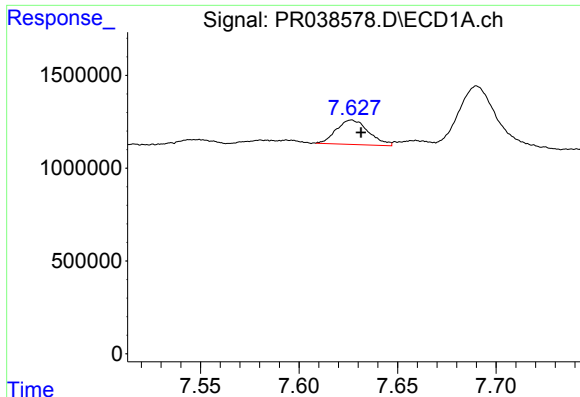
#37 AR-1262-2

R.T.: 7.346 min
Delta R.T.: -0.004 min
Response: 7617113
Conc: 11.81 ng/ml



#37 AR-1262-2

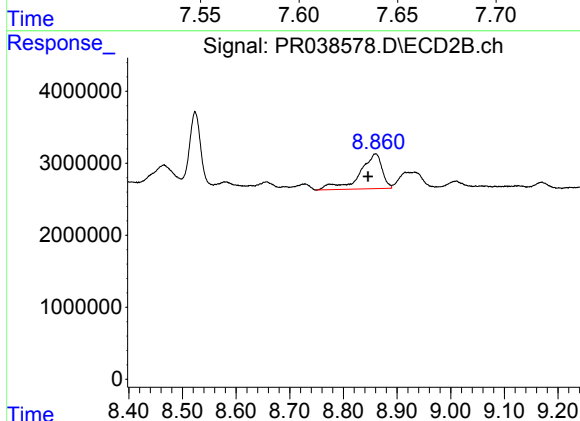
R.T.: 8.524 min
Delta R.T.: -0.005 min
Response: 14106194
Conc: 9.96 ng/ml



#38 AR-1262-3

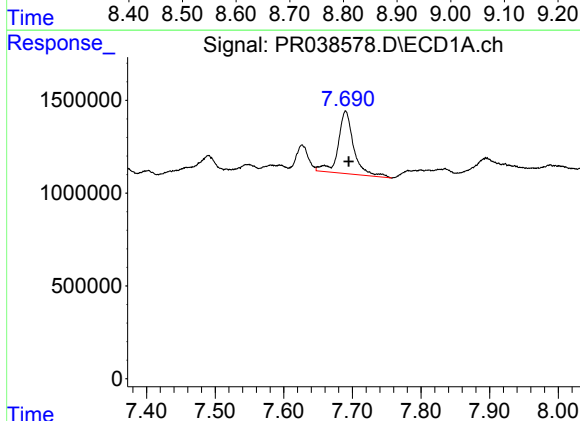
R.T.: 7.627 min
Delta R.T.: -0.005 min
Response: 1504856
Conc: 5.52 ng/ml

Instrument :
ECD_R
ClientSampleId :



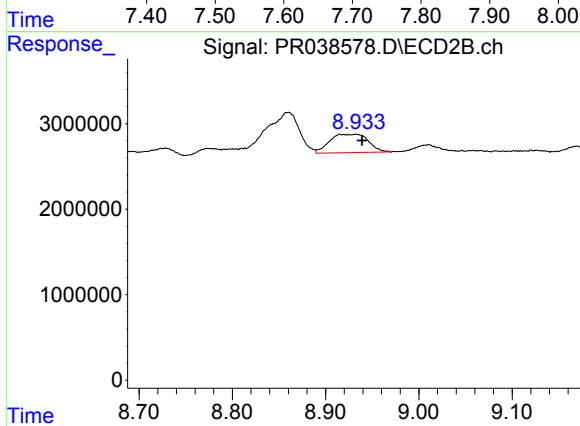
#38 AR-1262-3

R.T.: 8.860 min
Delta R.T.: 0.014 min
Response: 14077008
Conc: 15.54 ng/ml



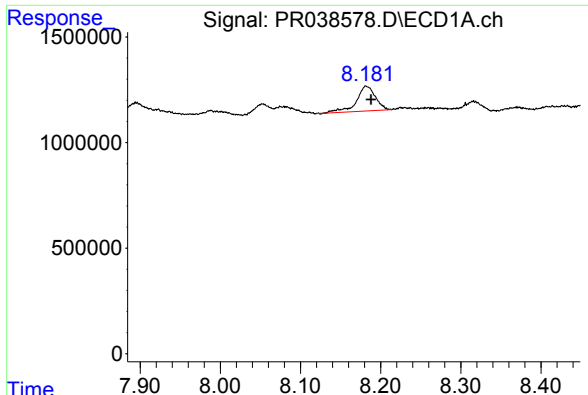
#39 AR-1262-4

R.T.: 7.690 min
Delta R.T.: -0.004 min
Response: 5316207
Conc: 10.86 ng/ml



#39 AR-1262-4

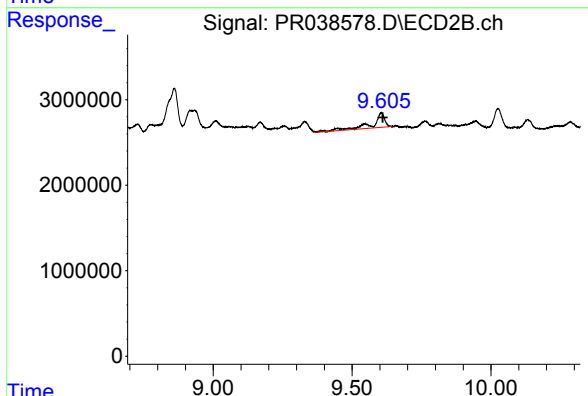
R.T.: 8.933 min
Delta R.T.: -0.006 min
Response: 6201774
Conc: 9.16 ng/ml



#40 AR-1262-5

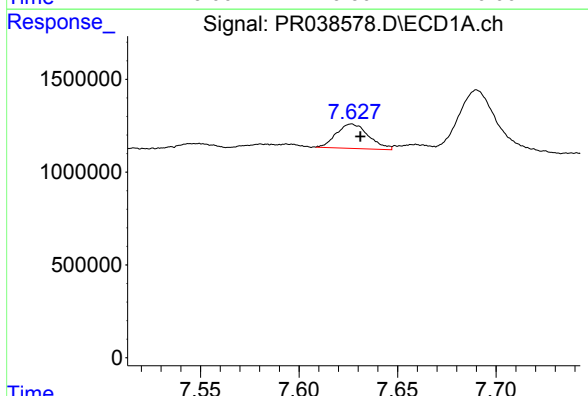
R.T.: 8.182 min
Delta R.T.: -0.006 min
Response: 1927002
Conc: 8.75 ng/ml

Instrument :
ECD_R
ClientSampleId :



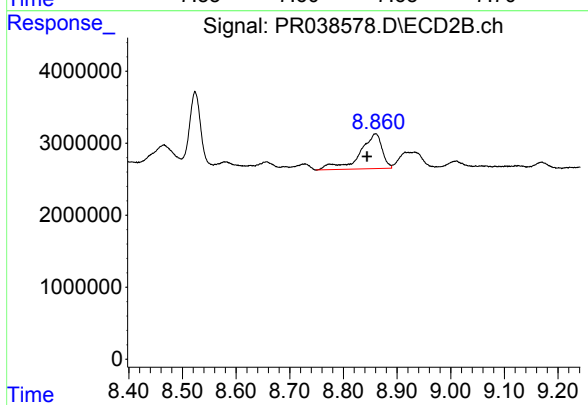
#40 AR-1262-5

R.T.: 9.605 min
Delta R.T.: -0.006 min
Response: 5321225
Conc: 10.82 ng/ml



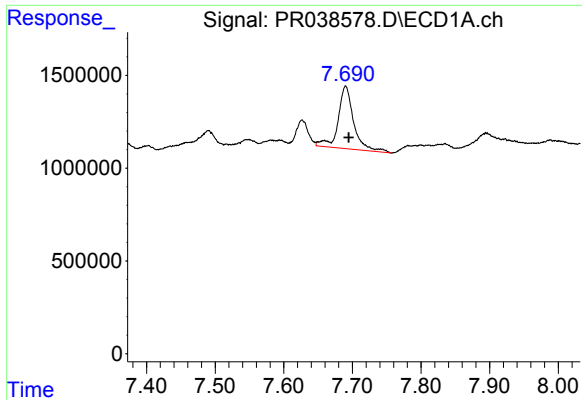
#41 AR-1268-1

R.T.: 7.627 min
Delta R.T.: -0.005 min
Response: 1504856
Conc: 2.91 ng/ml



#41 AR-1268-1

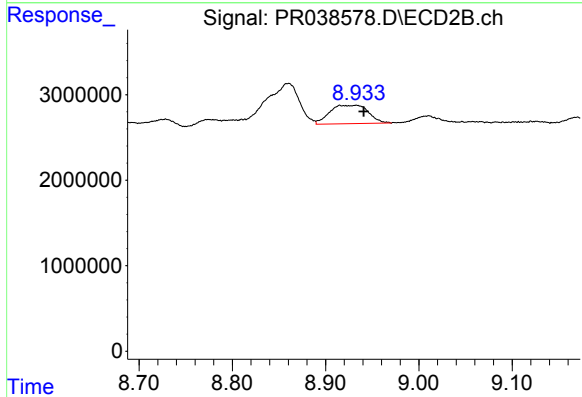
R.T.: 8.860 min
Delta R.T.: 0.016 min
Response: 14077008
Conc: 12.89 ng/ml



#42 AR-1268-2

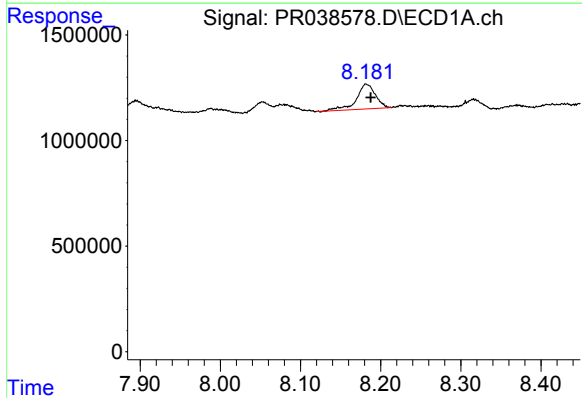
R.T.: 7.690 min
Delta R.T.: -0.004 min
Response: 5316207
Conc: 11.36 ng/ml

Instrument :
ECD_R
ClientSampleId :



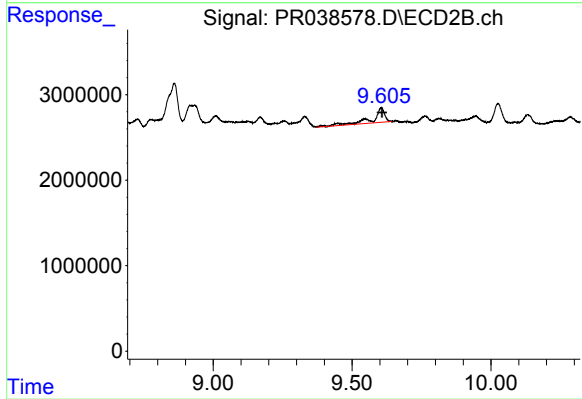
#42 AR-1268-2

R.T.: 8.933 min
Delta R.T.: -0.008 min
Response: 6201774
Conc: 6.17 ng/ml



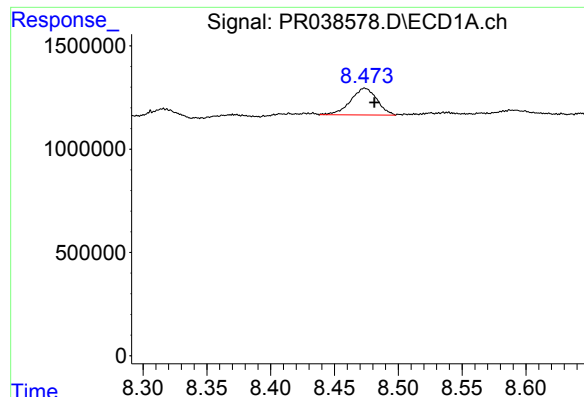
#44 AR-1268-4

R.T.: 8.182 min
Delta R.T.: -0.006 min
Response: 1927002
Conc: 11.92 ng/ml



#44 AR-1268-4

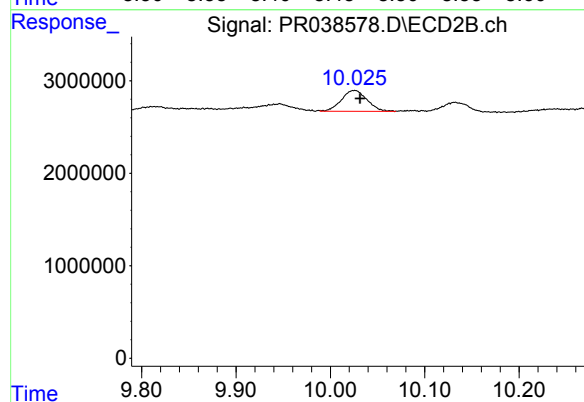
R.T.: 9.605 min
Delta R.T.: -0.004 min
Response: 5321225
Conc: 14.92 ng/ml



#45 AR-1268-5

R.T.: 8.474 min
Delta R.T.: -0.007 min
Response: 1856645
Conc: 1.52 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 10.026 min
Delta R.T.: -0.006 min
Response: 4265282
Conc: 1.57 ng/ml