

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR092319\
 Data File : PR041437.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Sep 2019 02:35
 Operator : SM\AJ
 Sample : K4958-17
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 ESP01

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 24 04:55:56 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR092319CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Sep 24 04:36:18 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	4.741	4.007	35672387	145.8E6	26.873	24.107
2)	SA Decachlor...	10.660	9.121	124.2E6	329.7E6	38.913	30.558
Target Compounds							
3)	L1 AR-1016-1	0.000	5.105	0	712348	N.D.	4.834 #
4)	L1 AR-1016-2	0.000	5.105	0	712348	N.D.	3.460 #
5)	L1 AR-1016-3	0.000	5.302	0	461471	N.D.	3.900 #
6)	L1 AR-1016-4	0.000	5.342	0	2447129	N.D.	25.120 #
7)	L1 AR-1016-5	0.000	5.560	0	1322665	N.D.	9.514 #
8)	L2 AR-1221-1	0.000	4.179f	0	1363853	N.D.	23.795 #
9)	L2 AR-1221-2	0.000	4.313	0	1506010	N.D.	43.184 #
10)	L2 AR-1221-3	0.000	4.400	0	208033	N.D.	1.962 #
11)	L3 AR-1232-1	0.000	4.400	0	208033	N.D.	2.581 #
12)	L3 AR-1232-2	0.000	5.105	0	712348	N.D.	7.325 #
13)	L3 AR-1232-3	0.000	5.302	0	461471	N.D.	10.277 #
14)	L3 AR-1232-4	0.000	5.385	0	2240154	N.D.	53.482 #
15)	L3 AR-1232-5	6.185	5.560	897315	1322665	64.940	24.725 #
16)	L4 AR-1242-1	0.000	5.105	0	712348	N.D.	6.353 #
17)	L4 AR-1242-2	0.000	5.105	0	712348	N.D.	4.455 #
18)	L4 AR-1242-3	0.000	5.302	0	461471	N.D.	5.088 #
19)	L4 AR-1242-4	0.000	5.385	0	2240154	N.D.	23.805 #
20)	L4 AR-1242-5	6.838	5.913	2680515	9989089	52.294	58.885
21)	L5 AR-1248-1	0.000	5.105	0	712348	N.D.	8.451 #
22)	L5 AR-1248-2	6.185	5.342	897315	2447129	16.290	20.120
23)	L5 AR-1248-3	0.000	5.385	0	2240154	N.D.	17.670 #
24)	L5 AR-1248-4	6.798	5.560	931626	1322665	10.916	7.880 #
25)	L5 AR-1248-5	6.838	5.953	2680515	4654886	32.896	21.379 #
26)	L6 AR-1254-1	6.770	5.913	2867553	9989089	34.459	30.802
27)	L6 AR-1254-2	6.986	6.059	5542417	9079911	39.444	29.721
28)	L6 AR-1254-3	7.355	6.466	6695781	23443229	39.518	41.896
29)	L6 AR-1254-4	7.639	6.693	4256946	14024021	31.360	32.862
30)	L6 AR-1254-5	8.058	7.112	9536841	25162934	62.021	43.495 #
31)	L7 AR-1260-1	7.518	6.596	5372958	17408919	45.373	44.697
32)	L7 AR-1260-2	7.772	6.781	6345973	17735075	43.003	32.898
33)	L7 AR-1260-3	8.132	6.938	4371455	15774407	37.694	33.770
34)	L7 AR-1260-4	8.369	7.412	7875351	10928801	55.159	25.787 #
35)	L7 AR-1260-5	8.711	7.650	9463790	30690506	30.718	25.195
36)	L8 AR-1262-1	8.194	7.112	1978541	25162934	25.689	75.179 #
37)	L8 AR-1262-2	8.711	7.650	9463790	30690506	24.962	22.224
38)	L8 AR-1262-3	9.064	7.937	6287977	6476142	23.848	11.323 #
39)	L8 AR-1262-4	9.120	8.000	2971909	20152410	15.050	19.886 #
40)	L8 AR-1262-5	9.846	8.518	3570925	8094801	22.807	14.460 #
41)	L9 AR-1268-1	9.064	7.937	6287977	6476142	13.076	3.827 #

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Integration File signal 1: autoint1.e
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 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR092319CLP.M
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Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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	9.120	8.000	2971909	20152410	6.719	12.882 #
43) L9	AR-1268-3	0.000	8.216	0	1348153	N.D.	1.019 #
44) L9	AR-1268-4	9.846	8.518	3570925	8094801	20.396	13.488 #
45) L9	AR-1268-5	10.296	8.838	1351676	2780584	0.956	0.631 #

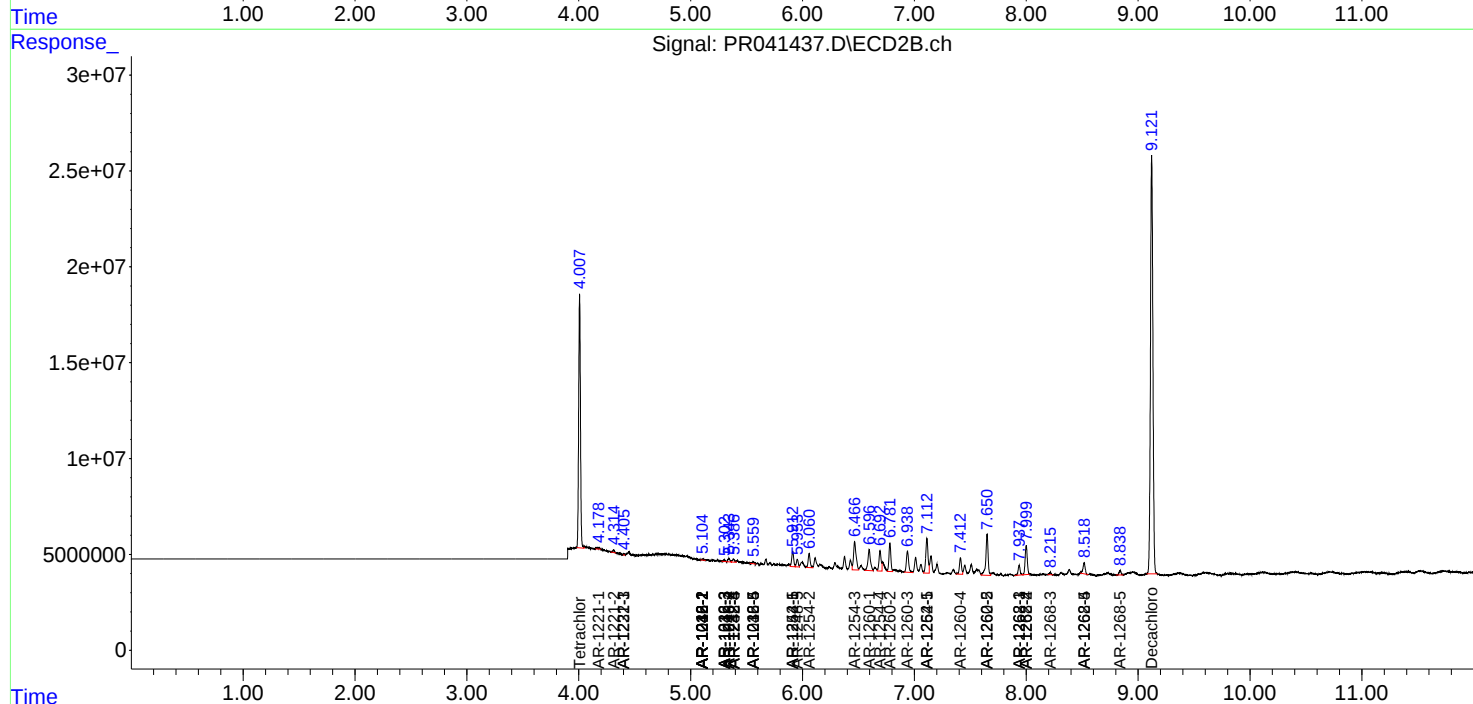
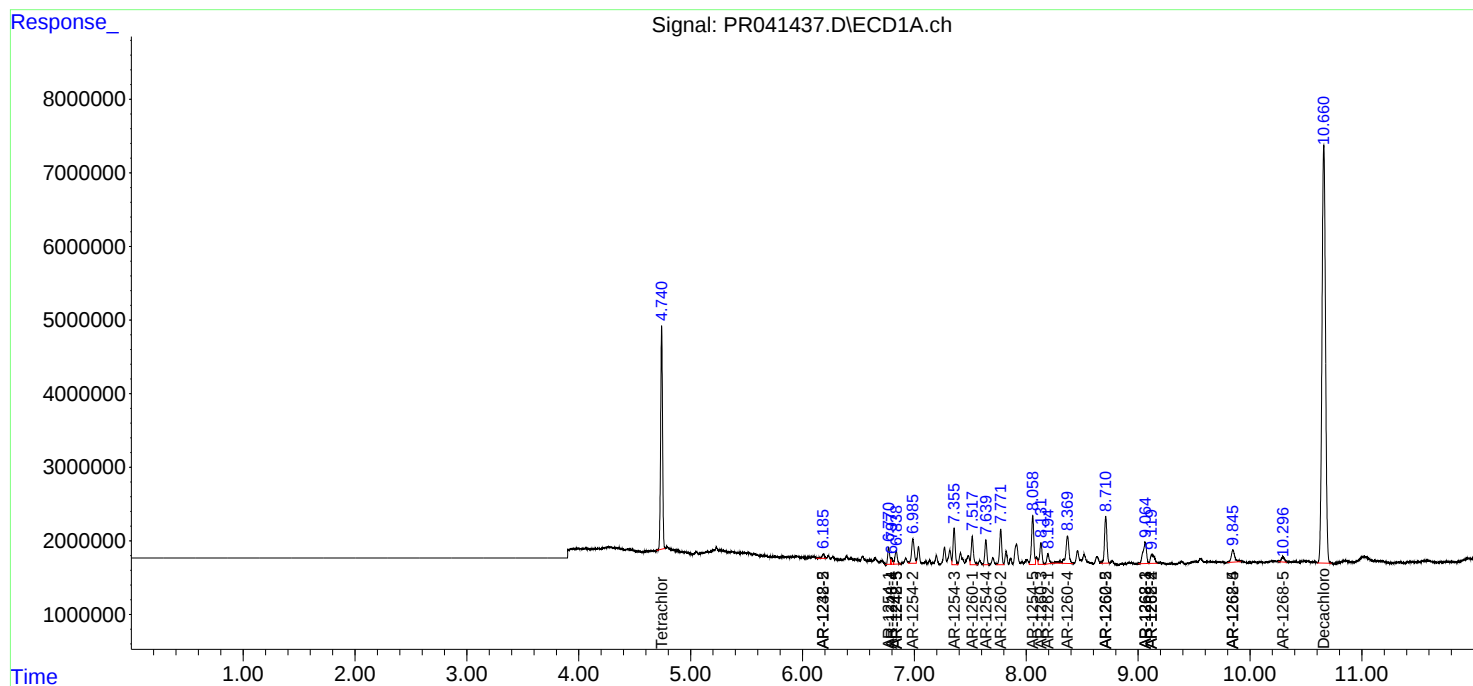
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

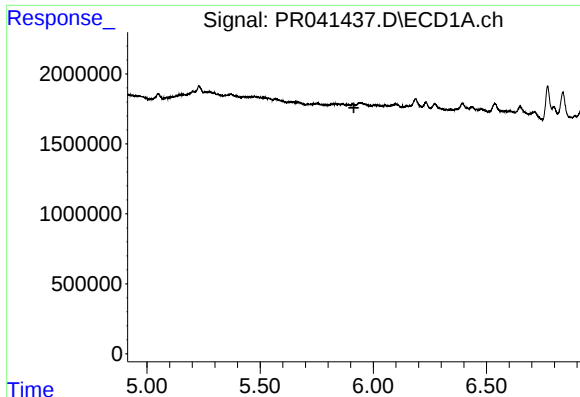
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR092319\
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Integration File signal 2: autoint2.e
Quant Time: Sep 24 04:55:56 2019
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QLast Update : Tue Sep 24 04:36:18 2019
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Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

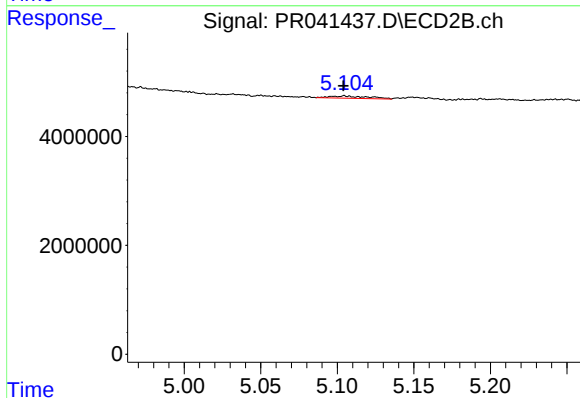




#3 AR-1016-1

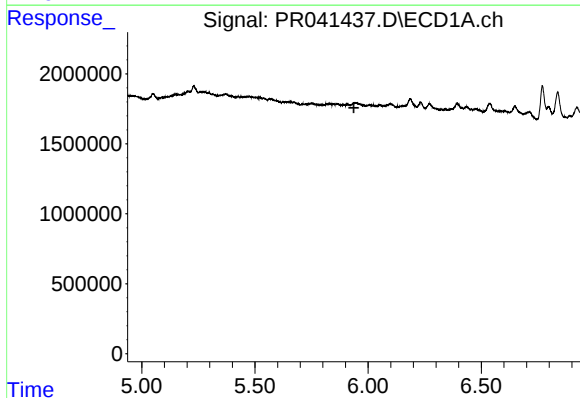
R.T.: 0.000 min
Exp R.T.: 5.914 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
ESP01



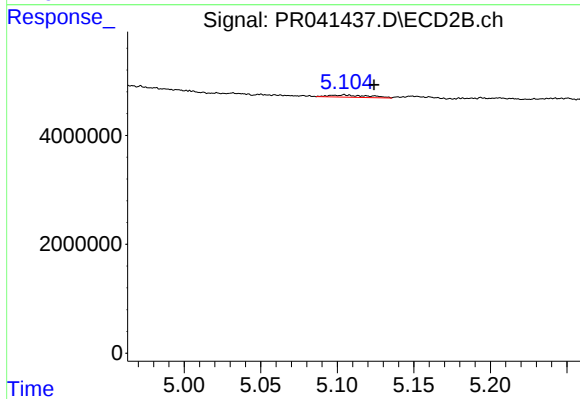
#3 AR-1016-1

R.T.: 5.105 min
Delta R.T.: 0.000 min
Response: 712348
Conc: 4.83 ng/ml



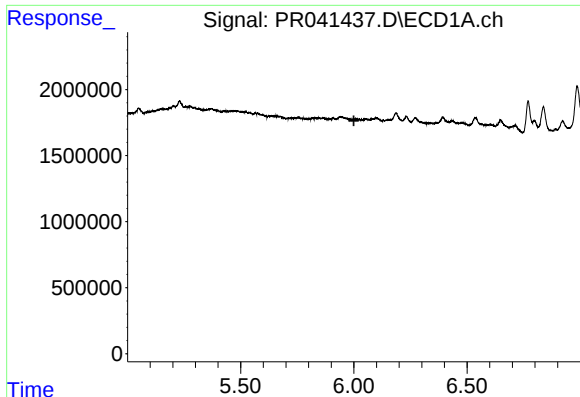
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 5.937 min
Response: 0
Conc: N.D.



#4 AR-1016-2

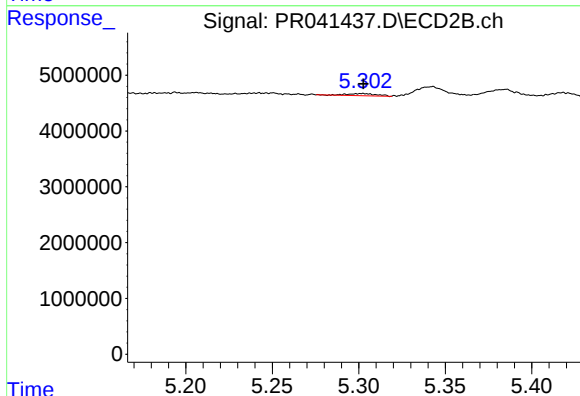
R.T.: 5.105 min
Delta R.T.: -0.019 min
Response: 712348
Conc: 3.46 ng/ml



#5 AR-1016-3

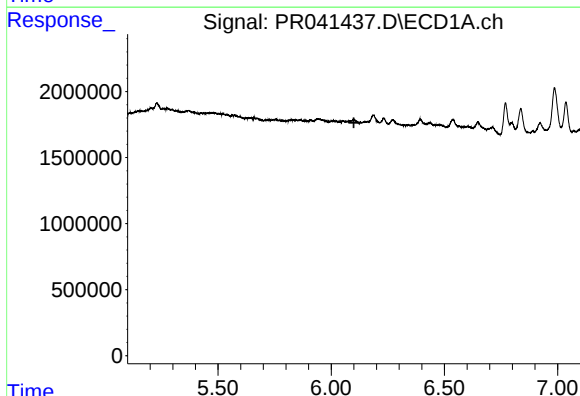
R.T.: 0.000 min
Exp R.T.: 6.000 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
ESP01



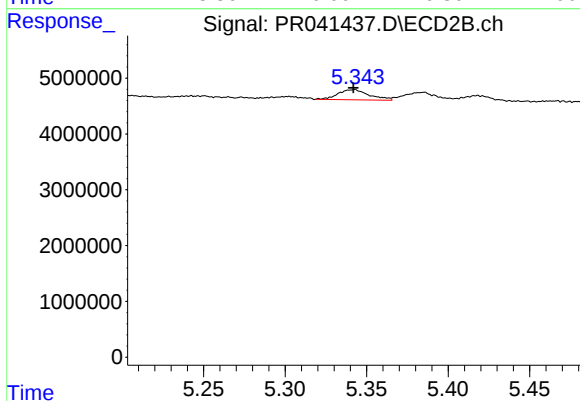
#5 AR-1016-3

R.T.: 5.302 min
Delta R.T.: 0.000 min
Response: 461471
Conc: 3.90 ng/ml



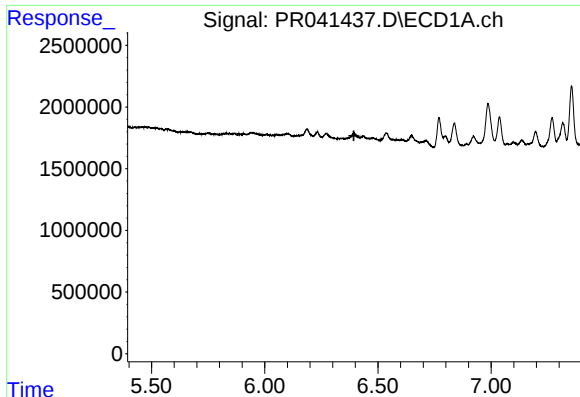
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 6.100 min
Response: 0
Conc: N.D.



#6 AR-1016-4

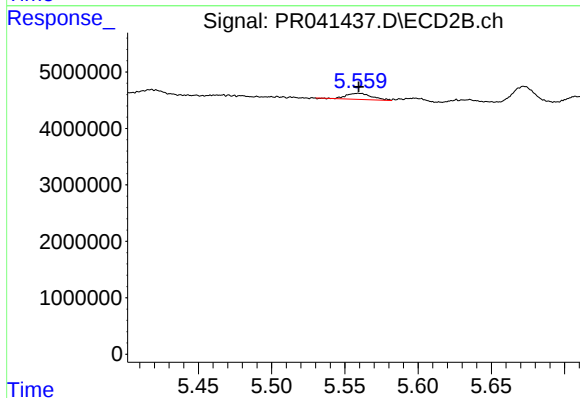
R.T.: 5.342 min
Delta R.T.: 0.000 min
Response: 2447129
Conc: 25.12 ng/ml



#7 AR-1016-5

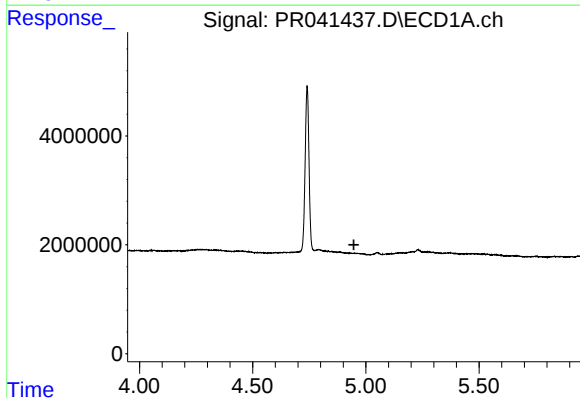
R.T.: 0.000 min
Exp R.T.: 6.394 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
ESP01



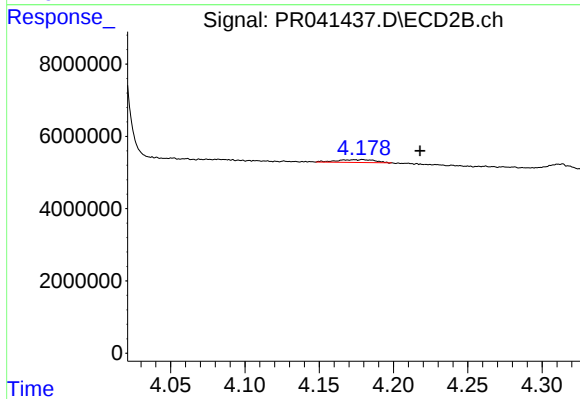
#7 AR-1016-5

R.T.: 5.560 min
Delta R.T.: 0.000 min
Response: 1322665
Conc: 9.51 ng/ml



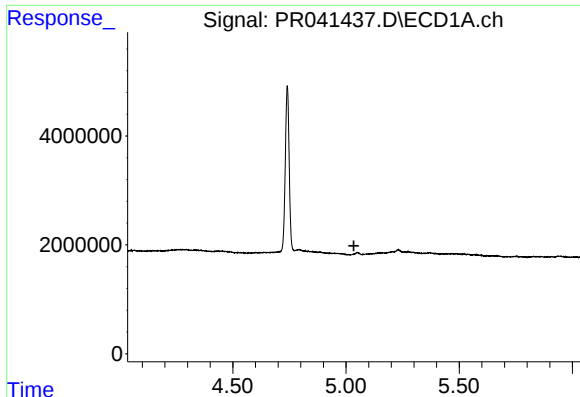
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T.: 4.947 min
Response: 0
Conc: N.D.



#8 AR-1221-1

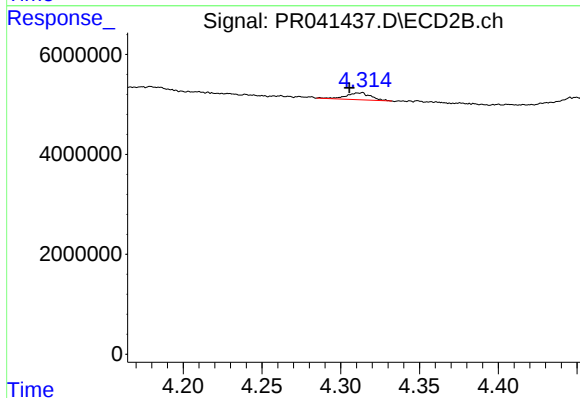
R.T.: 4.179 min
Delta R.T.: -0.038 min
Response: 1363853
Conc: 23.80 ng/ml



#9 AR-1221-2

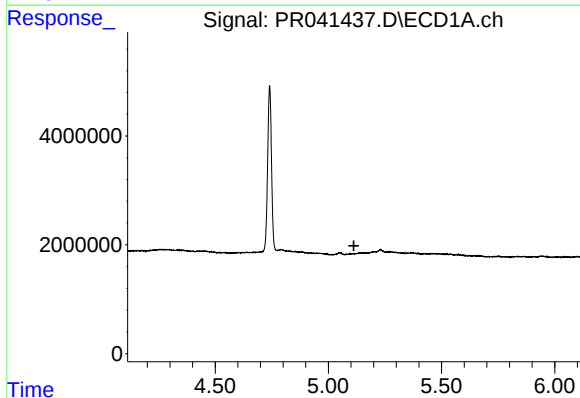
R.T.: 0.000 min
Exp R.T. : 5.035 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
ESP01



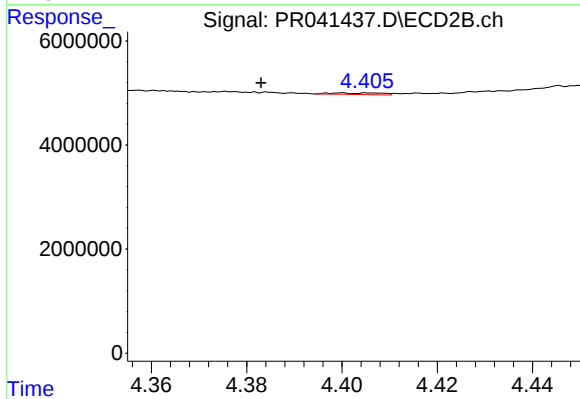
#9 AR-1221-2

R.T.: 4.313 min
Delta R.T.: 0.007 min
Response: 1506010
Conc: 43.18 ng/ml



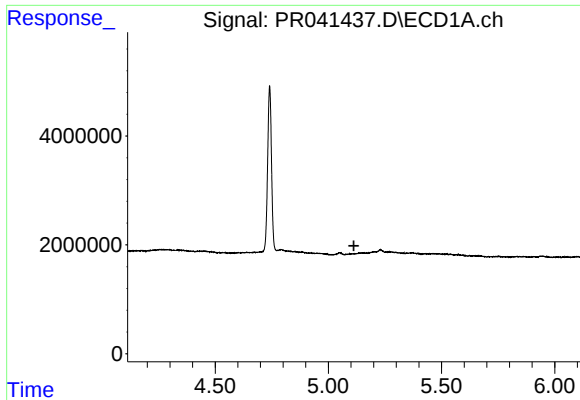
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 5.113 min
Response: 0
Conc: N.D.



#10 AR-1221-3

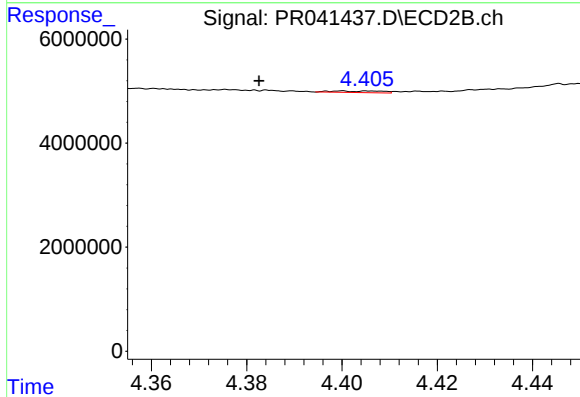
R.T.: 4.400 min
Delta R.T.: 0.017 min
Response: 208033
Conc: 1.96 ng/ml



#11 AR-1232-1

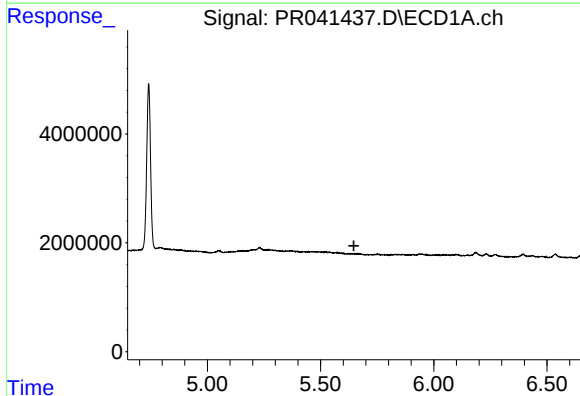
R.T.: 0.000 min
Exp R.T.: 5.113 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
ESP01



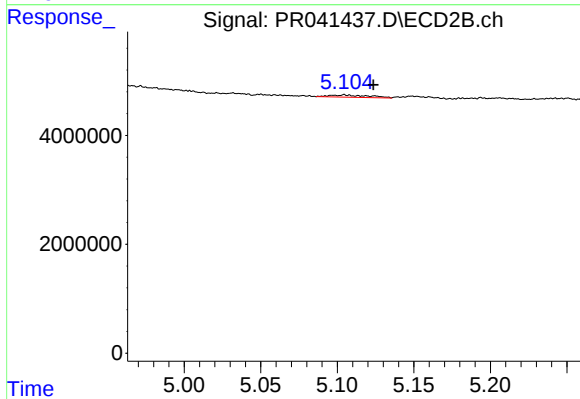
#11 AR-1232-1

R.T.: 4.400 min
Delta R.T.: 0.017 min
Response: 208033
Conc: 2.58 ng/ml



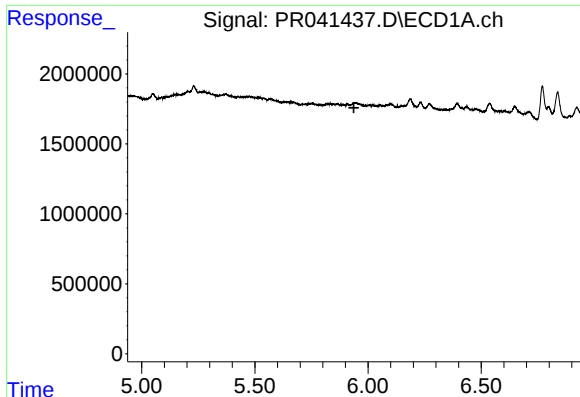
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T.: 5.647 min
Response: 0
Conc: N.D.



#12 AR-1232-2

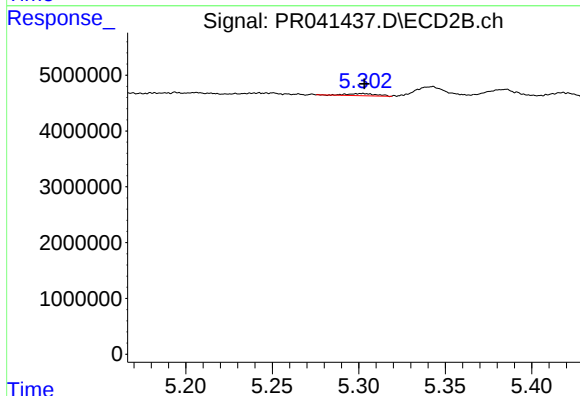
R.T.: 5.105 min
Delta R.T.: -0.019 min
Response: 712348
Conc: 7.32 ng/ml



#13 AR-1232-3

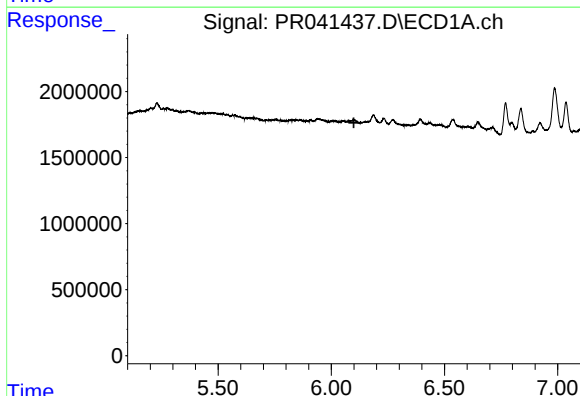
R.T.: 0.000 min
Exp R.T.: 5.937 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
ESP01



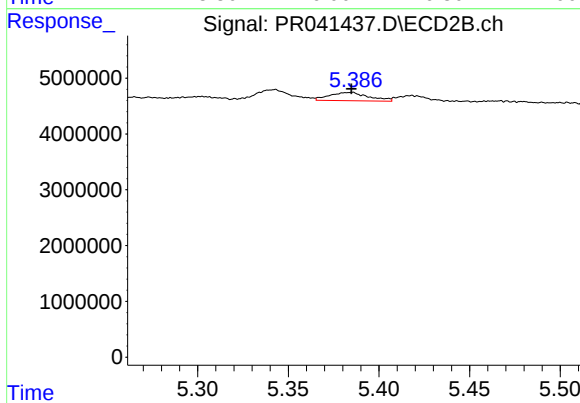
#13 AR-1232-3

R.T.: 5.302 min
Delta R.T.: -0.001 min
Response: 461471
Conc: 10.28 ng/ml



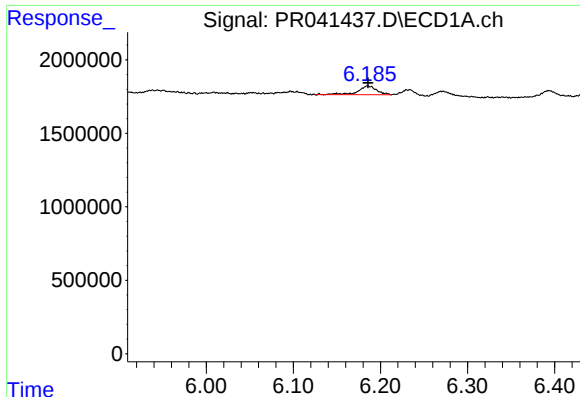
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T.: 6.100 min
Response: 0
Conc: N.D.



#14 AR-1232-4

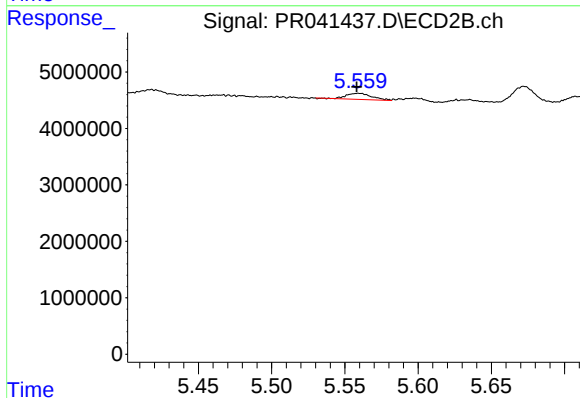
R.T.: 5.385 min
Delta R.T.: 0.000 min
Response: 2240154
Conc: 53.48 ng/ml



#15 AR-1232-5

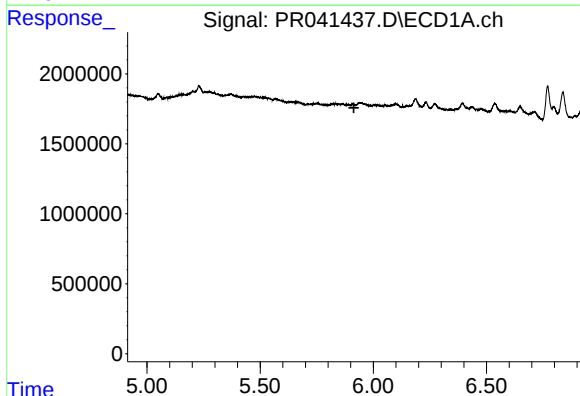
R.T.: 6.185 min
Delta R.T.: 0.000 min
Response: 897315
Conc: 64.94 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESP01



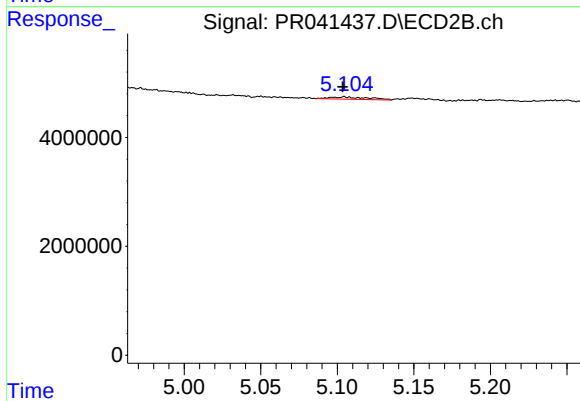
#15 AR-1232-5

R.T.: 5.560 min
Delta R.T.: 0.002 min
Response: 1322665
Conc: 24.73 ng/ml



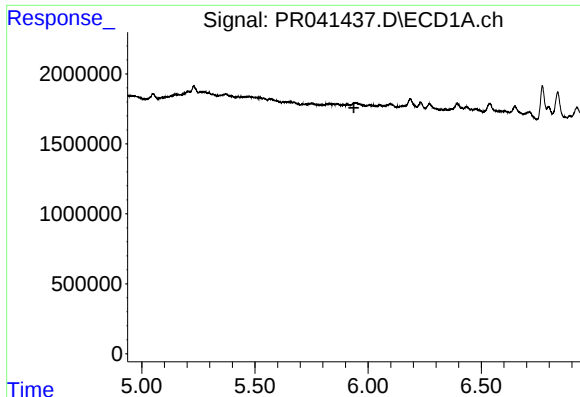
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.914 min
Response: 0
Conc: N.D.



#16 AR-1242-1

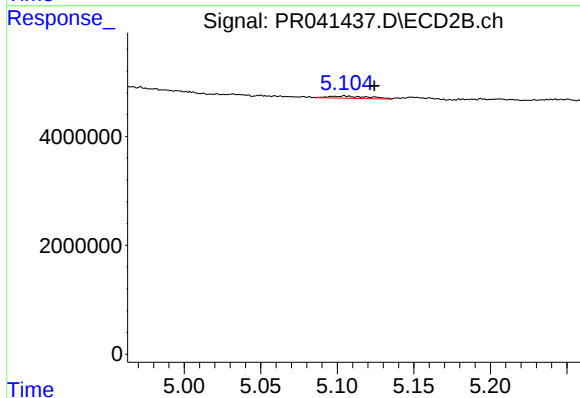
R.T.: 5.105 min
Delta R.T.: 0.001 min
Response: 712348
Conc: 6.35 ng/ml



#17 AR-1242-2

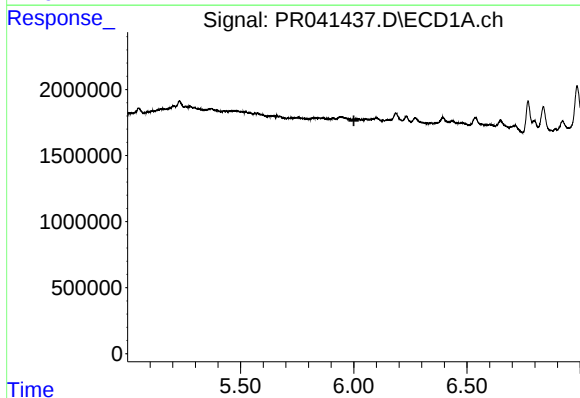
R.T.: 0.000 min
Exp R.T.: 5.937 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
ESP01



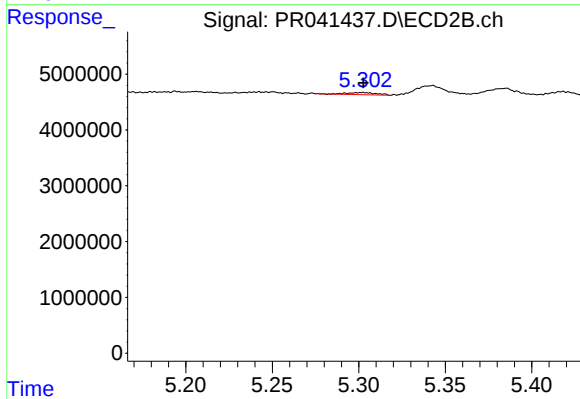
#17 AR-1242-2

R.T.: 5.105 min
Delta R.T.: -0.020 min
Response: 712348
Conc: 4.46 ng/ml



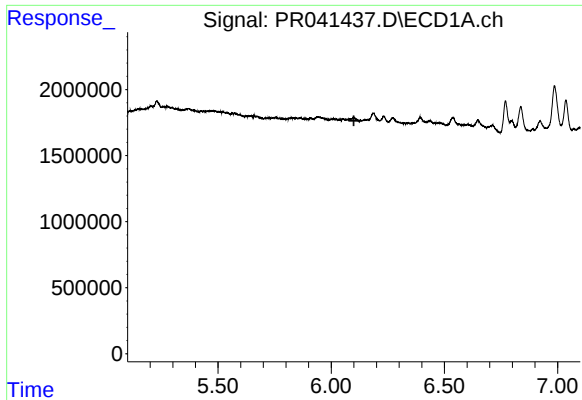
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 6.000 min
Response: 0
Conc: N.D.



#18 AR-1242-3

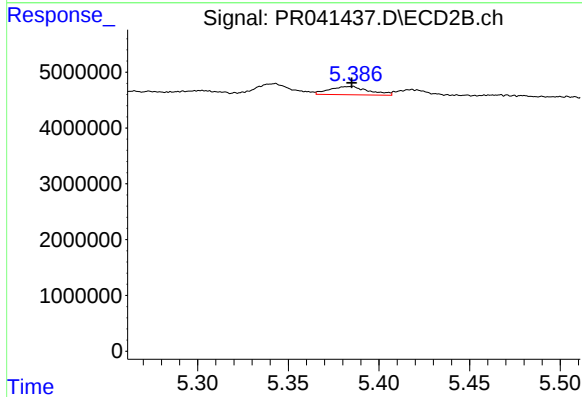
R.T.: 5.302 min
Delta R.T.: 0.000 min
Response: 461471
Conc: 5.09 ng/ml



#19 AR-1242-4

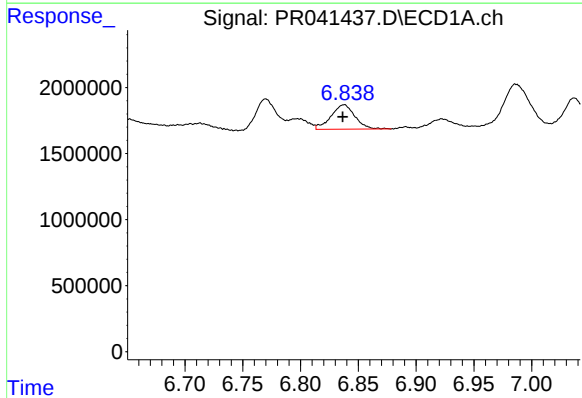
R.T.: 0.000 min
Exp R.T.: 6.100 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
ESP01



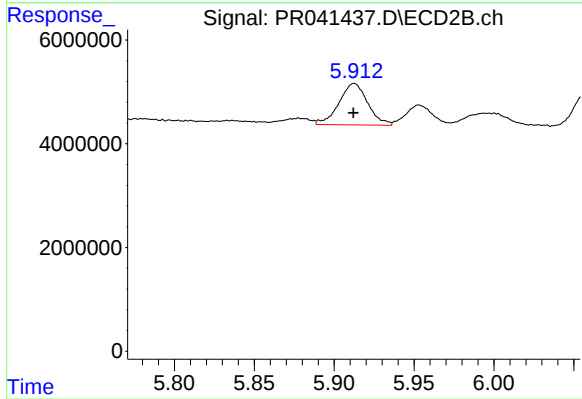
#19 AR-1242-4

R.T.: 5.385 min
Delta R.T.: 0.000 min
Response: 2240154
Conc: 23.80 ng/ml



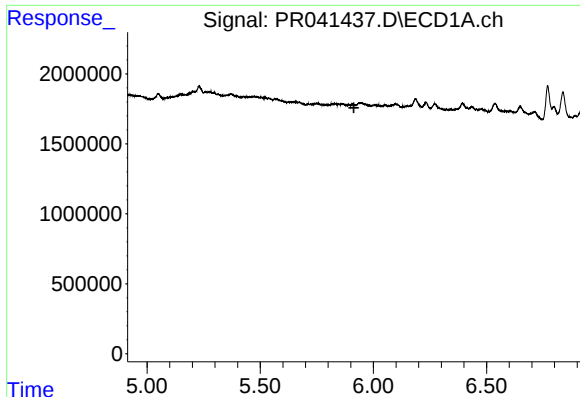
#20 AR-1242-5

R.T.: 6.838 min
Delta R.T.: 0.001 min
Response: 2680515
Conc: 52.29 ng/ml



#20 AR-1242-5

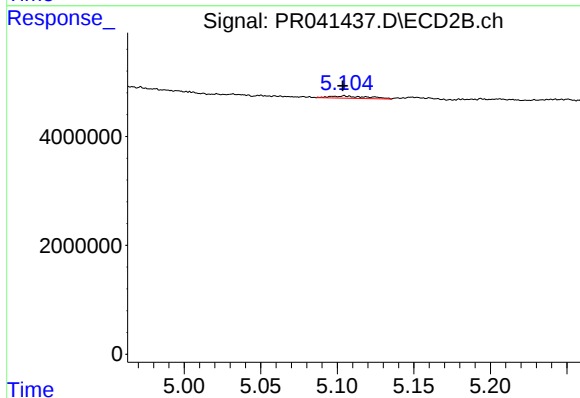
R.T.: 5.913 min
Delta R.T.: 0.000 min
Response: 9989089
Conc: 58.88 ng/ml



#21 AR-1248-1

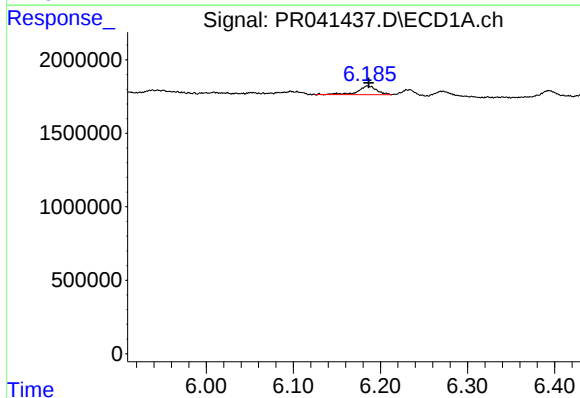
R.T.: 0.000 min
Exp R.T.: 5.914 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
ESP01



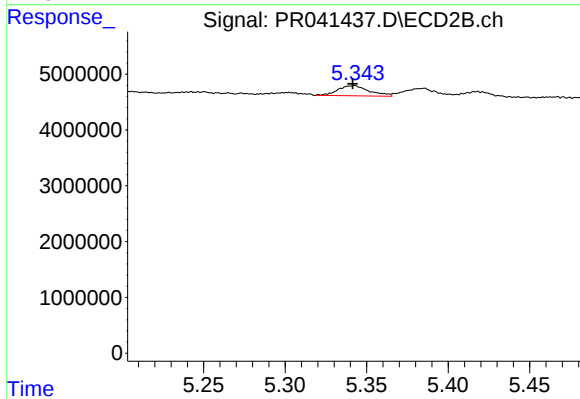
#21 AR-1248-1

R.T.: 5.105 min
Delta R.T.: 0.001 min
Response: 712348
Conc: 8.45 ng/ml



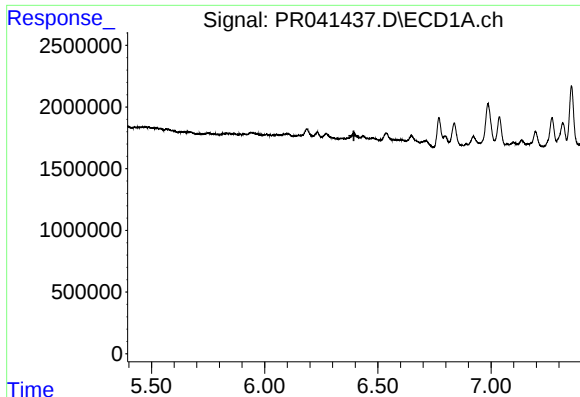
#22 AR-1248-2

R.T.: 6.185 min
Delta R.T.: -0.001 min
Response: 897315
Conc: 16.29 ng/ml



#22 AR-1248-2

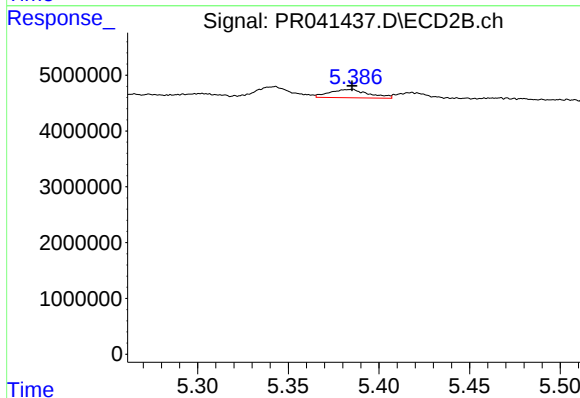
R.T.: 5.342 min
Delta R.T.: 0.000 min
Response: 2447129
Conc: 20.12 ng/ml



#23 AR-1248-3

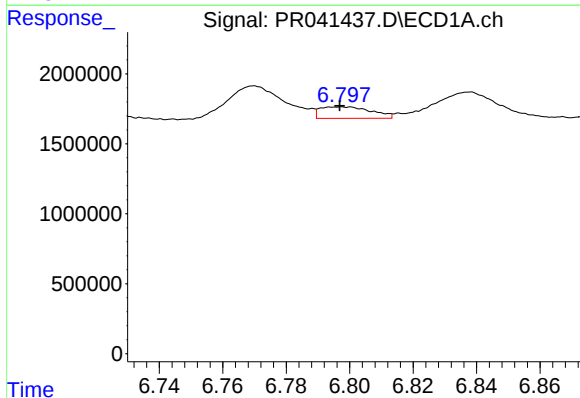
R.T.: 0.000 min
Exp R.T.: 6.394 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
ESP01



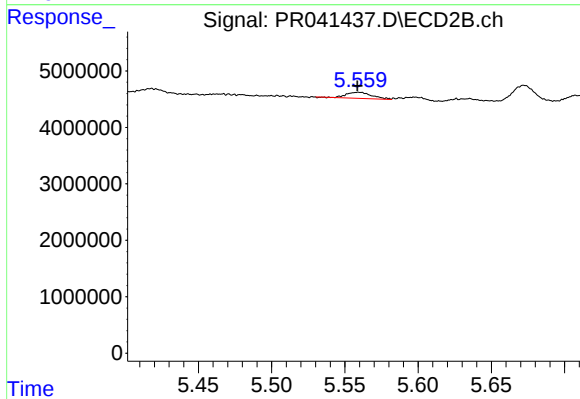
#23 AR-1248-3

R.T.: 5.385 min
Delta R.T.: 0.000 min
Response: 2240154
Conc: 17.67 ng/ml



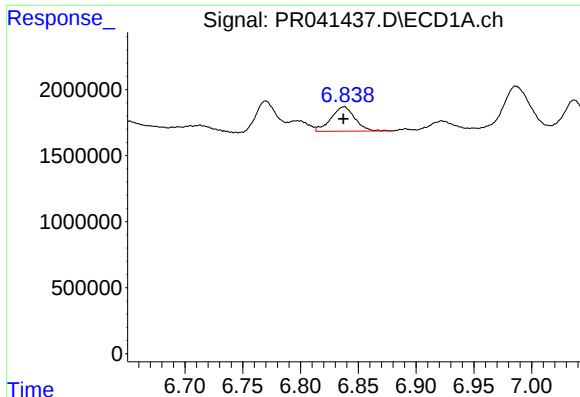
#24 AR-1248-4

R.T.: 6.798 min
Delta R.T.: 0.000 min
Response: 931626
Conc: 10.92 ng/ml



#24 AR-1248-4

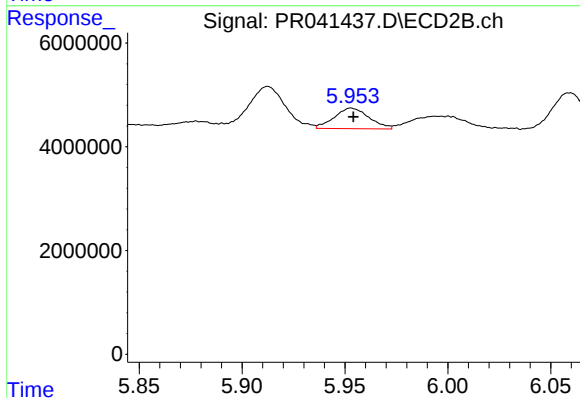
R.T.: 5.560 min
Delta R.T.: 0.001 min
Response: 1322665
Conc: 7.88 ng/ml



#25 AR-1248-5

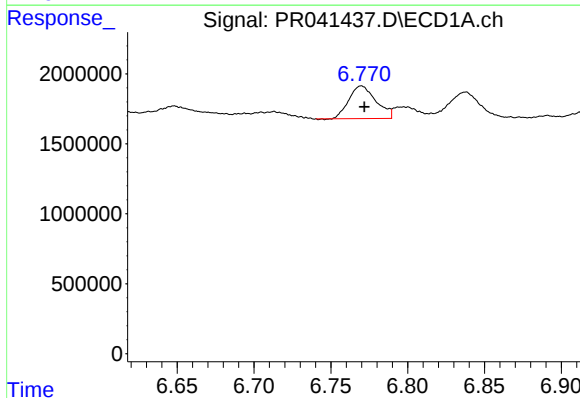
R.T.: 6.838 min
Delta R.T.: 0.000 min
Response: 2680515
Conc: 32.90 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESP01



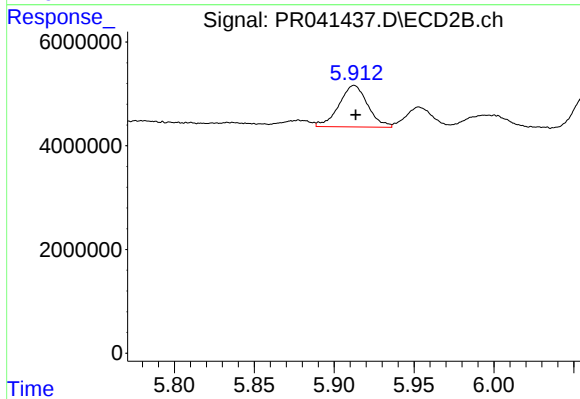
#25 AR-1248-5

R.T.: 5.953 min
Delta R.T.: -0.001 min
Response: 4654886
Conc: 21.38 ng/ml



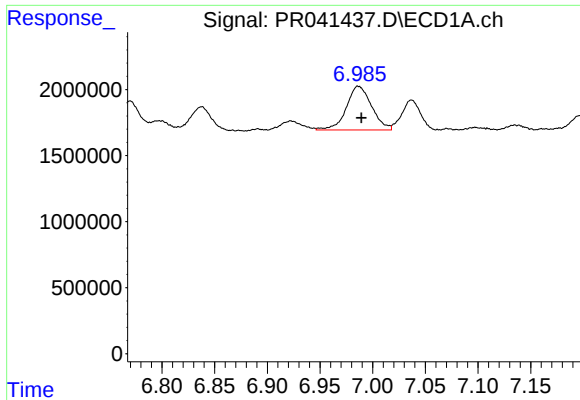
#26 AR-1254-1

R.T.: 6.770 min
Delta R.T.: -0.002 min
Response: 2867553
Conc: 34.46 ng/ml



#26 AR-1254-1

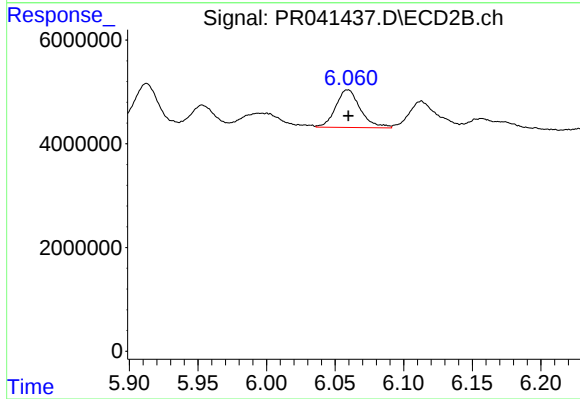
R.T.: 5.913 min
Delta R.T.: 0.000 min
Response: 9989089
Conc: 30.80 ng/ml



#27 AR-1254-2

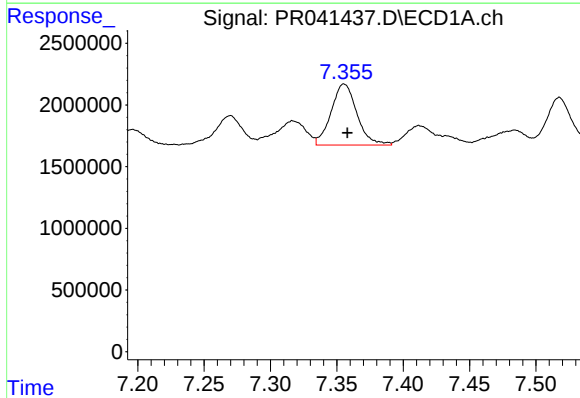
R.T.: 6.986 min
Delta R.T.: -0.003 min
Response: 5542417
Conc: 39.44 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESP01



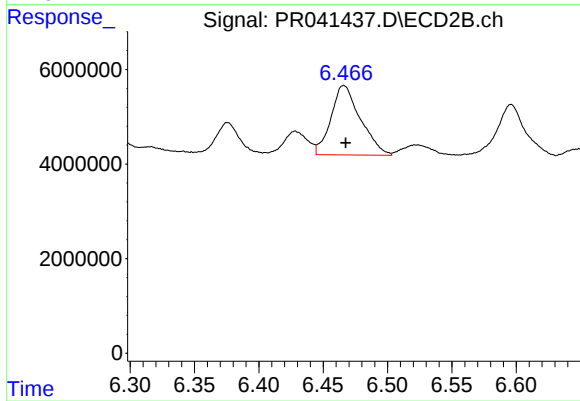
#27 AR-1254-2

R.T.: 6.059 min
Delta R.T.: 0.000 min
Response: 9079911
Conc: 29.72 ng/ml



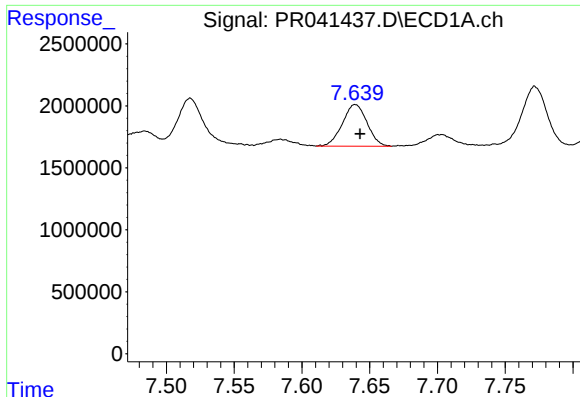
#28 AR-1254-3

R.T.: 7.355 min
Delta R.T.: -0.002 min
Response: 6695781
Conc: 39.52 ng/ml



#28 AR-1254-3

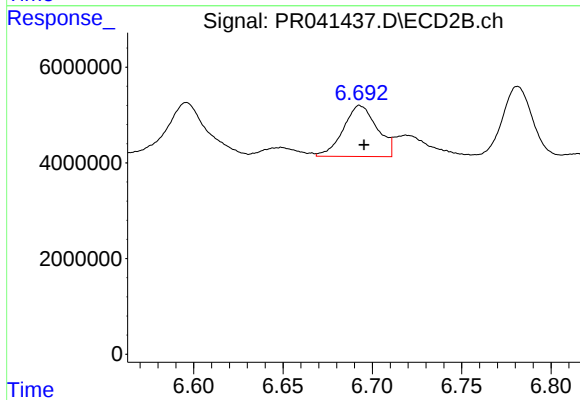
R.T.: 6.466 min
Delta R.T.: -0.001 min
Response: 23443229
Conc: 41.90 ng/ml



#29 AR-1254-4

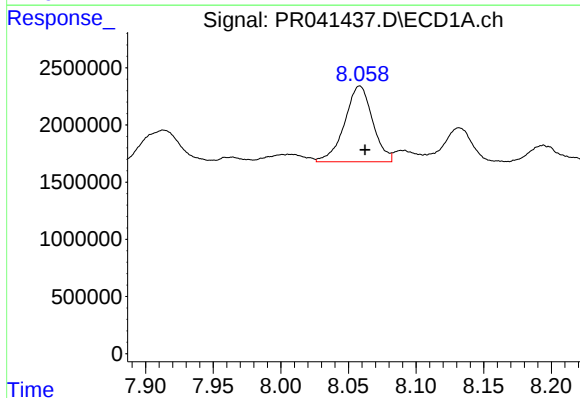
R.T.: 7.639 min
Delta R.T.: -0.003 min
Response: 4256946
Conc: 31.36 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESP01



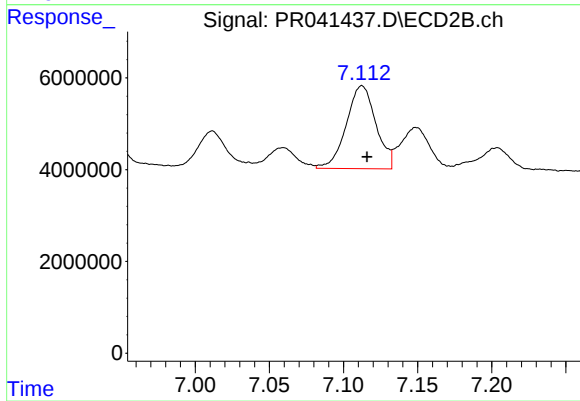
#29 AR-1254-4

R.T.: 6.693 min
Delta R.T.: -0.002 min
Response: 14024021
Conc: 32.86 ng/ml



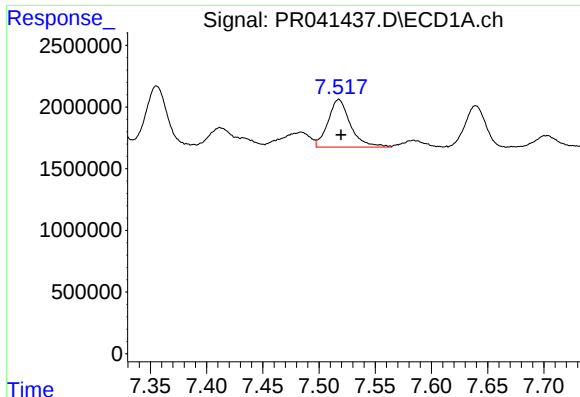
#30 AR-1254-5

R.T.: 8.058 min
Delta R.T.: -0.004 min
Response: 9536841
Conc: 62.02 ng/ml



#30 AR-1254-5

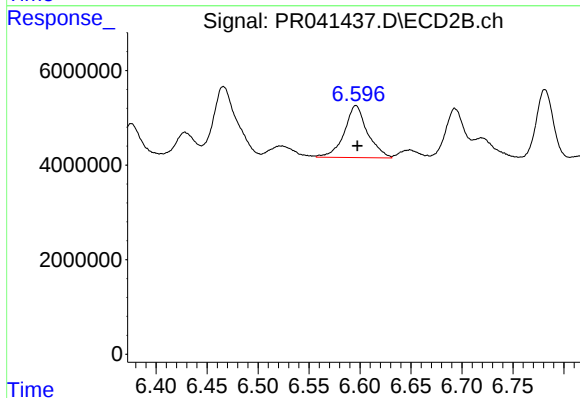
R.T.: 7.112 min
Delta R.T.: -0.003 min
Response: 25162934
Conc: 43.50 ng/ml



#31 AR-1260-1

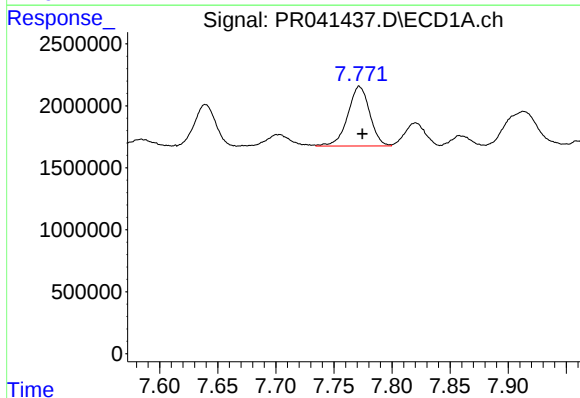
R.T.: 7.518 min
Delta R.T.: -0.002 min
Response: 5372958
Conc: 45.37 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESP01



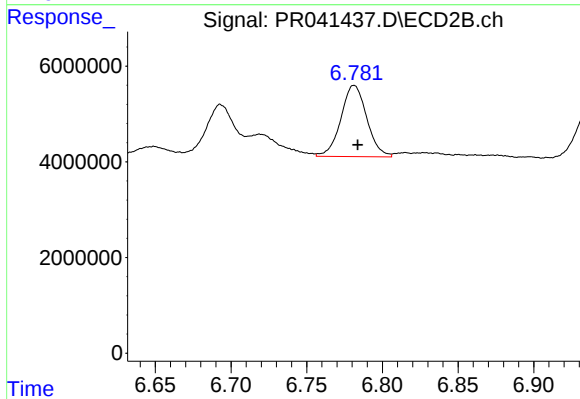
#31 AR-1260-1

R.T.: 6.596 min
Delta R.T.: -0.001 min
Response: 17408919
Conc: 44.70 ng/ml



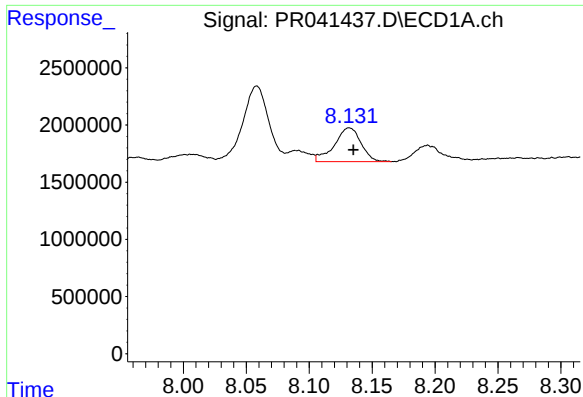
#32 AR-1260-2

R.T.: 7.772 min
Delta R.T.: -0.003 min
Response: 6345973
Conc: 43.00 ng/ml



#32 AR-1260-2

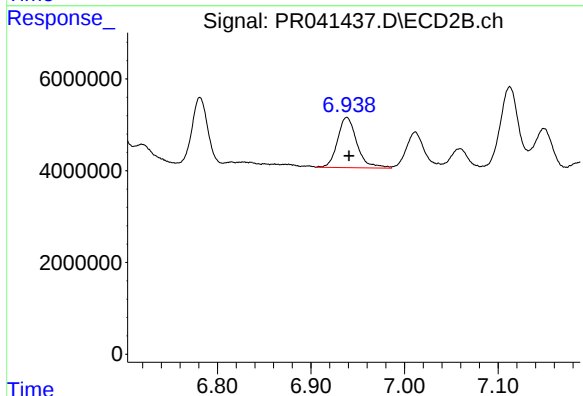
R.T.: 6.781 min
Delta R.T.: -0.002 min
Response: 17735075
Conc: 32.90 ng/ml



#33 AR-1260-3

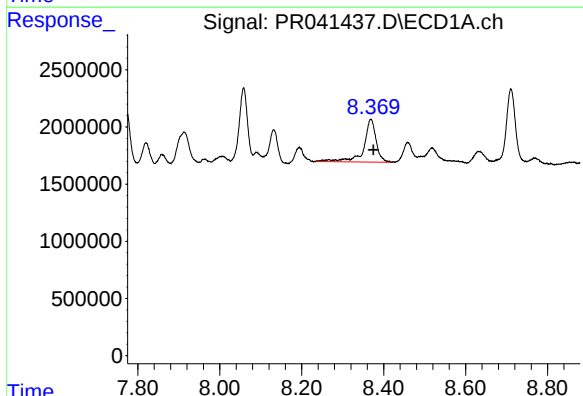
R.T.: 8.132 min
Delta R.T.: -0.003 min
Response: 4371455
Conc: 37.69 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESP01



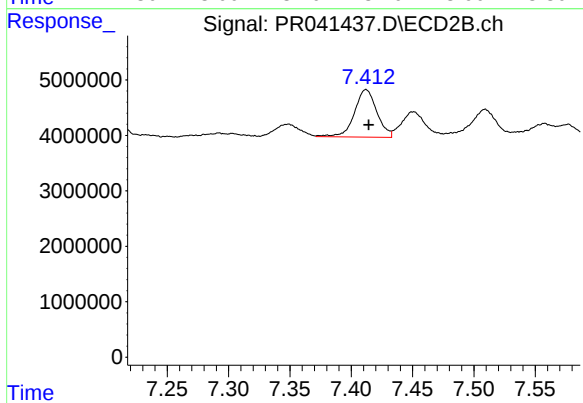
#33 AR-1260-3

R.T.: 6.938 min
Delta R.T.: -0.002 min
Response: 15774407
Conc: 33.77 ng/ml



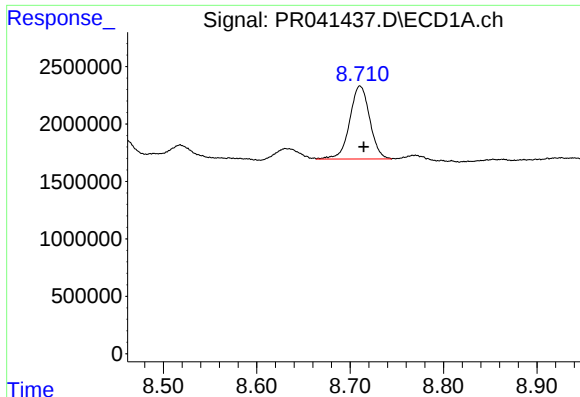
#34 AR-1260-4

R.T.: 8.369 min
Delta R.T.: -0.006 min
Response: 7875351
Conc: 55.16 ng/ml



#34 AR-1260-4

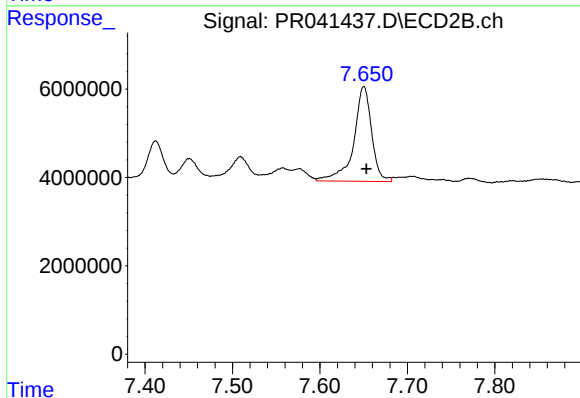
R.T.: 7.412 min
Delta R.T.: -0.002 min
Response: 10928801
Conc: 25.79 ng/ml



#35 AR-1260-5

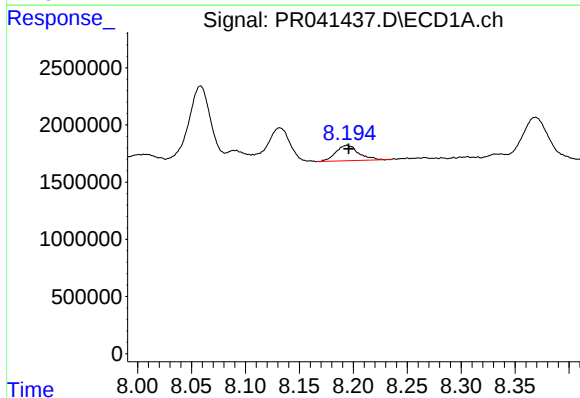
R.T.: 8.711 min
Delta R.T.: -0.004 min
Response: 9463790
Conc: 30.72 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESP01



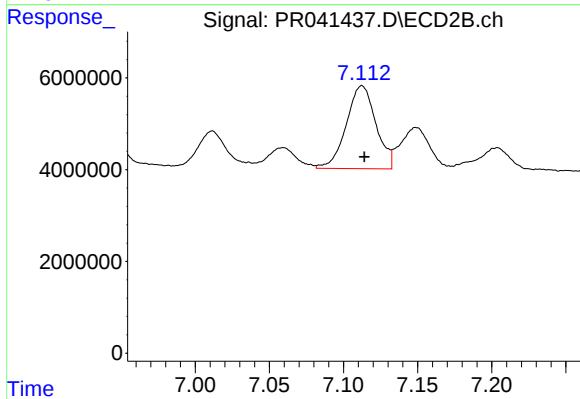
#35 AR-1260-5

R.T.: 7.650 min
Delta R.T.: -0.003 min
Response: 30690506
Conc: 25.20 ng/ml



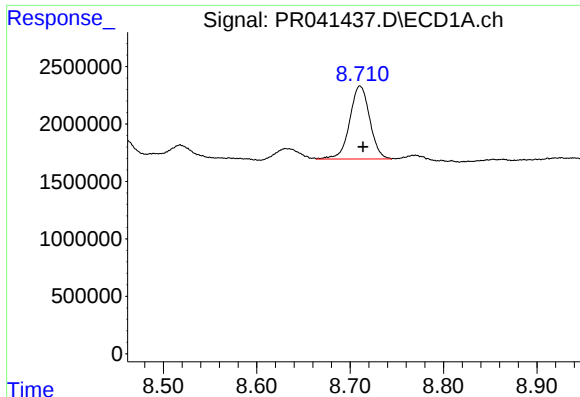
#36 AR-1262-1

R.T.: 8.194 min
Delta R.T.: -0.002 min
Response: 1978541
Conc: 25.69 ng/ml



#36 AR-1262-1

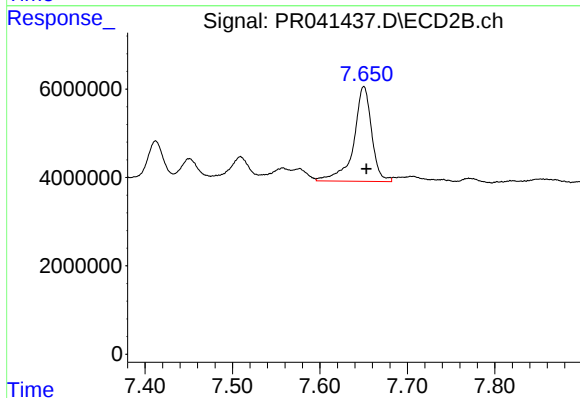
R.T.: 7.112 min
Delta R.T.: -0.002 min
Response: 25162934
Conc: 75.18 ng/ml



#37 AR-1262-2

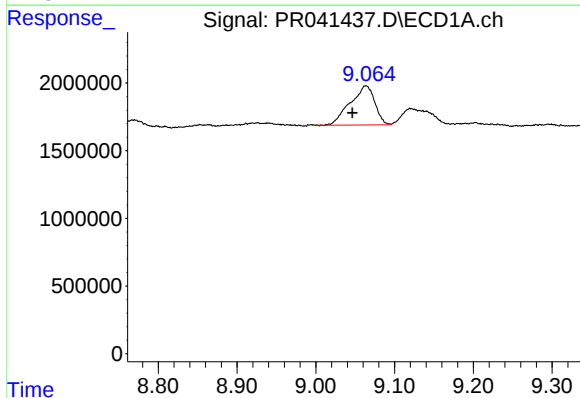
R.T.: 8.711 min
Delta R.T.: -0.003 min
Response: 9463790
Conc: 24.96 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESP01



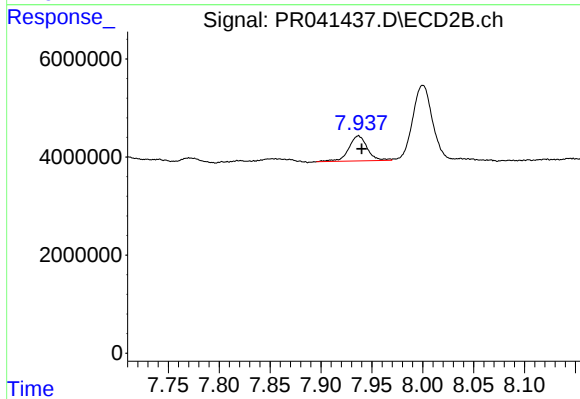
#37 AR-1262-2

R.T.: 7.650 min
Delta R.T.: -0.003 min
Response: 30690506
Conc: 22.22 ng/ml



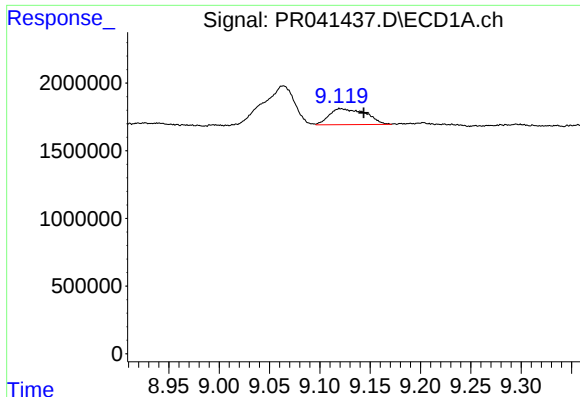
#38 AR-1262-3

R.T.: 9.064 min
Delta R.T.: 0.017 min
Response: 6287977
Conc: 23.85 ng/ml



#38 AR-1262-3

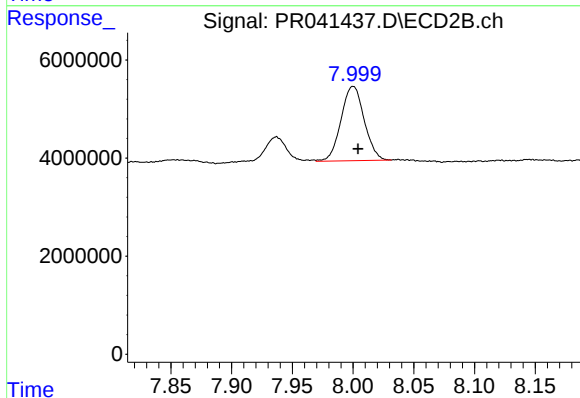
R.T.: 7.937 min
Delta R.T.: -0.003 min
Response: 6476142
Conc: 11.32 ng/ml



#39 AR-1262-4

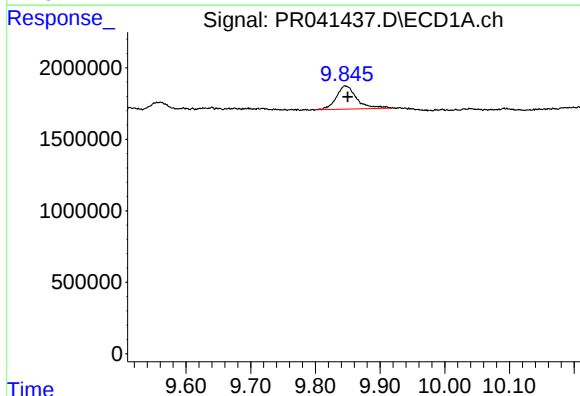
R.T.: 9.120 min
Delta R.T.: -0.023 min
Response: 2971909
Conc: 15.05 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESP01



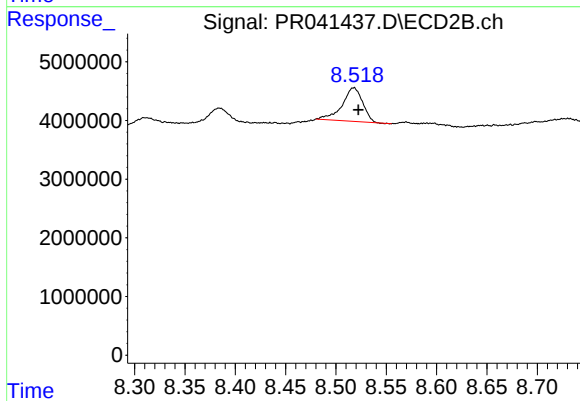
#39 AR-1262-4

R.T.: 8.000 min
Delta R.T.: -0.004 min
Response: 20152410
Conc: 19.89 ng/ml



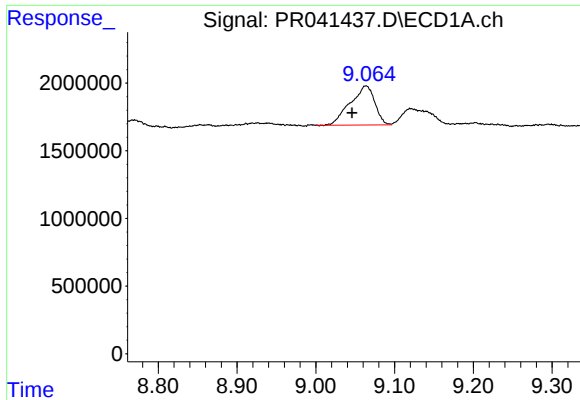
#40 AR-1262-5

R.T.: 9.846 min
Delta R.T.: -0.004 min
Response: 3570925
Conc: 22.81 ng/ml



#40 AR-1262-5

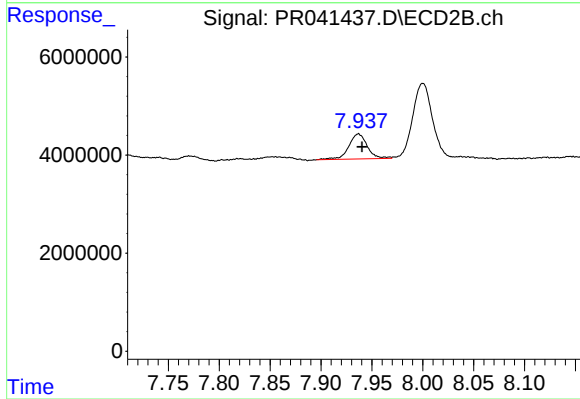
R.T.: 8.518 min
Delta R.T.: -0.005 min
Response: 8094801
Conc: 14.46 ng/ml



#41 AR-1268-1

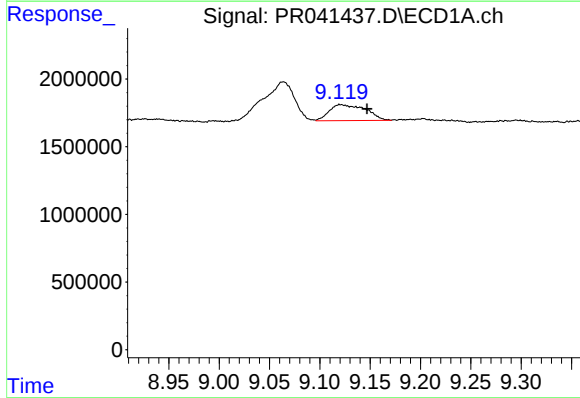
R.T.: 9.064 min
Delta R.T.: 0.018 min
Response: 6287977
Conc: 13.08 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESP01



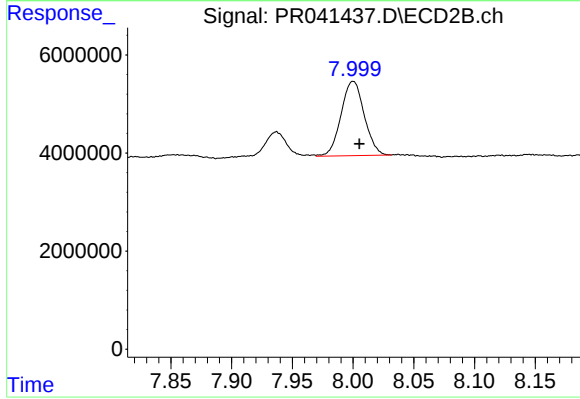
#41 AR-1268-1

R.T.: 7.937 min
Delta R.T.: -0.004 min
Response: 6476142
Conc: 3.83 ng/ml



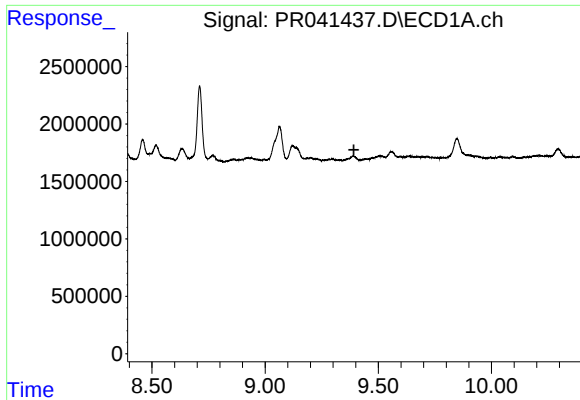
#42 AR-1268-2

R.T.: 9.120 min
Delta R.T.: -0.026 min
Response: 2971909
Conc: 6.72 ng/ml



#42 AR-1268-2

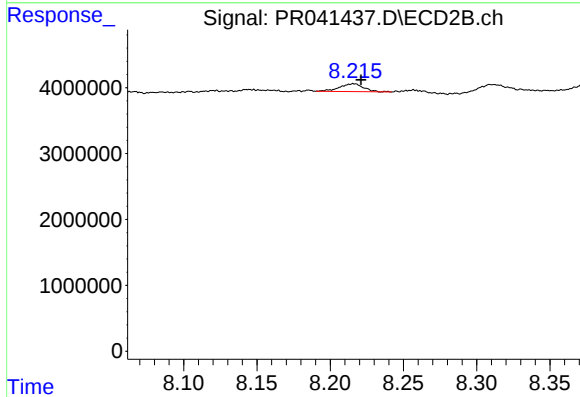
R.T.: 8.000 min
Delta R.T.: -0.005 min
Response: 20152410
Conc: 12.88 ng/ml



#43 AR-1268-3

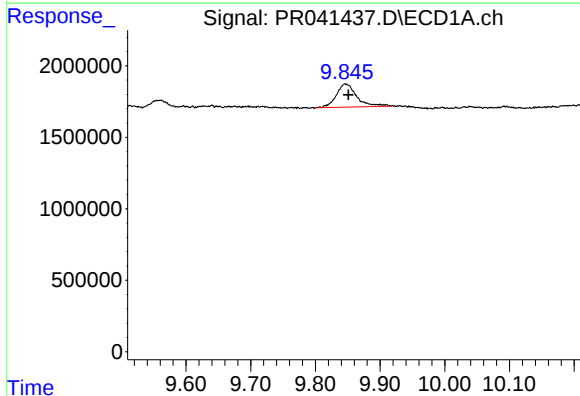
R.T.: 0.000 min
Exp R.T.: 9.392 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
ESP01



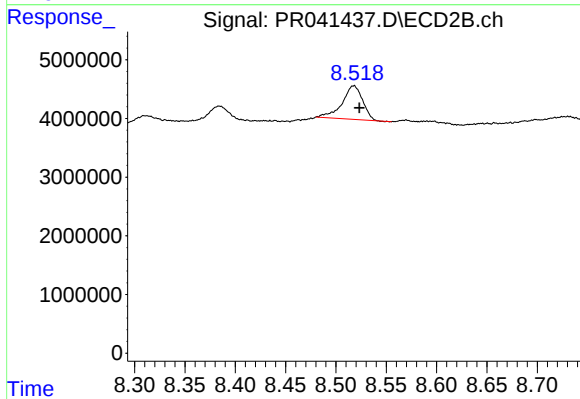
#43 AR-1268-3

R.T.: 8.216 min
Delta R.T.: -0.005 min
Response: 1348153
Conc: 1.02 ng/ml



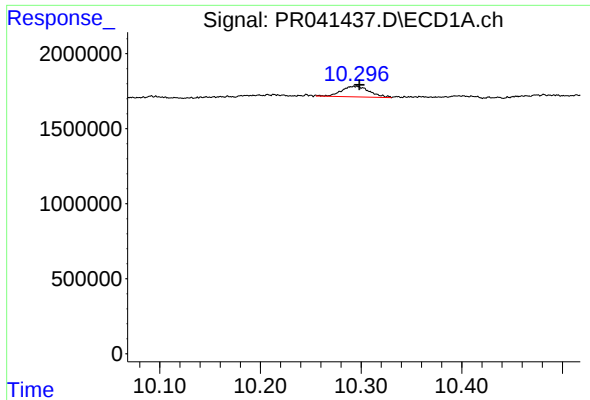
#44 AR-1268-4

R.T.: 9.846 min
Delta R.T.: -0.005 min
Response: 3570925
Conc: 20.40 ng/ml



#44 AR-1268-4

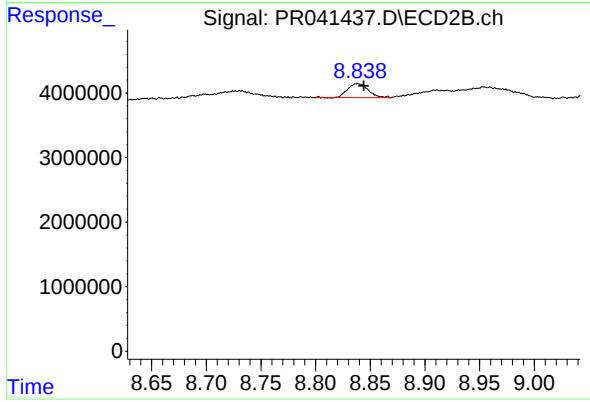
R.T.: 8.518 min
Delta R.T.: -0.006 min
Response: 8094801
Conc: 13.49 ng/ml



#45 AR-1268-5

R.T.: 10.296 min
Delta R.T.: -0.002 min
Response: 1351676
Conc: 0.96 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESP01



#45 AR-1268-5

R.T.: 8.838 min
Delta R.T.: -0.005 min
Response: 2780584
Conc: 0.63 ng/ml