

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR030321\
 Data File : PR049555.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Mar 2021 20:32
 Operator : AJ\MA
 Sample : M1545-20
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 BNM-1

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 04 03:42:44 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR030221.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Mar 02 08:11:13 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...	4.665	3.849	51265566	47901285	19.340	15.220
2)	SA Decachlor...	10.544	8.902	38827185	128.6E6	13.669	14.159
Target Compounds							
3)	L1 AR-1016-1	0.000	4.924	0	2250803	N.D.	37.543 #
4)	L1 AR-1016-2	0.000	4.966	0	2413303	N.D.	17.180 #
5)	L1 AR-1016-3	0.000	5.130	0	151774	N.D.	1.888 #
6)	L1 AR-1016-4	0.000	5.171	0	832825	N.D.	23.072 #
7)	L1 AR-1016-5	6.307	5.413f	514312	265724	7.352	4.683 #
8)	L2 AR-1221-1	4.880	4.061	6786889	3945572	219.361	136.428 #
9)	L2 AR-1221-2	4.964	4.155	948750	3646234	40.710	141.703 #
10)	L2 AR-1221-3	5.020f	4.222	8153851	1374877	114.877	17.304 #
11)	L3 AR-1232-1	5.020f	4.222	8153851	1374877	142.088	21.377 #
12)	L3 AR-1232-2	5.552f	4.966f	2617642	2413303	87.146	39.910 #
13)	L3 AR-1232-3	0.000	5.130	0	151774	N.D.	4.470 #
15)	L3 AR-1232-5	6.107	5.355f	188470	34441	8.059	1.532 #
16)	L4 AR-1242-1	0.000	4.924	0	2250803	N.D.	45.181 #
17)	L4 AR-1242-2	0.000	4.966	0	2413303	N.D.	21.697 #
18)	L4 AR-1242-3	0.000	5.130	0	151774	N.D.	2.428 #
20)	L4 AR-1242-5	0.000	5.735	0	473783	N.D.	7.377 #
21)	L5 AR-1248-1	0.000	4.924	0	2250803	N.D.	60.557 #
22)	L5 AR-1248-2	6.107	5.171	188470	832825	2.257	18.616 #
23)	L5 AR-1248-3	6.307	0.000	514312	0	5.721	N.D. #
24)	L5 AR-1248-4	6.729	5.355f	1145497	34441	10.298	0.467 #
25)	L5 AR-1248-5	0.000	5.779	0	373010	N.D.	3.553 #
26)	L6 AR-1254-1	0.000	5.735	0	473783	N.D.	4.234 #
27)	L6 AR-1254-2	6.915	5.879	1750224	407723	10.367	3.334 #
28)	L6 AR-1254-3	7.282	6.290	1086563	165013	6.288	0.704 #
29)	L6 AR-1254-4	7.590f	6.531f	1297689	5048239	9.070	13.986 #
30)	L6 AR-1254-5	7.995	6.922	5218677	215872	37.351	0.503 #
31)	L7 AR-1260-1	7.452	6.407	400047	3347868	3.142	23.958 #
32)	L7 AR-1260-2	7.709	6.606	824471	11707846	5.069	21.438 #
33)	L7 AR-1260-3	0.000	6.755	0	87433	N.D.	0.280 #
34)	L7 AR-1260-4	0.000	7.231	0	666855	N.D.	1.782 #
35)	L7 AR-1260-5	0.000	7.474	0	154431	N.D.	0.114 #
36)	L8 AR-1262-1	0.000	6.922	0	215872	N.D.	0.944 #
37)	L8 AR-1262-2	0.000	7.474	0	154431	N.D.	0.103 #
38)	L8 AR-1262-3	0.000	7.760	0	401969	N.D.	0.688 #
39)	L8 AR-1262-4	0.000	7.803f	0	199961	N.D.	0.204 #
40)	L8 AR-1262-5	0.000	8.338	0	50992	N.D.	0.115 #
41)	L9 AR-1268-1	0.000	7.760	0	401969	N.D.	0.234 #
42)	L9 AR-1268-2	0.000	7.803f	0	199961	N.D.	0.137 #
43)	L9 AR-1268-3	0.000	8.034	0	704420	N.D.	0.547 #

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Integration File signal 1: autoint1.e
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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	0.000	8.338	0	50992	N.D.	0.105 #
45) L9	AR-1268-5	0.000	8.637	0	150455	N.D.	0.039 #

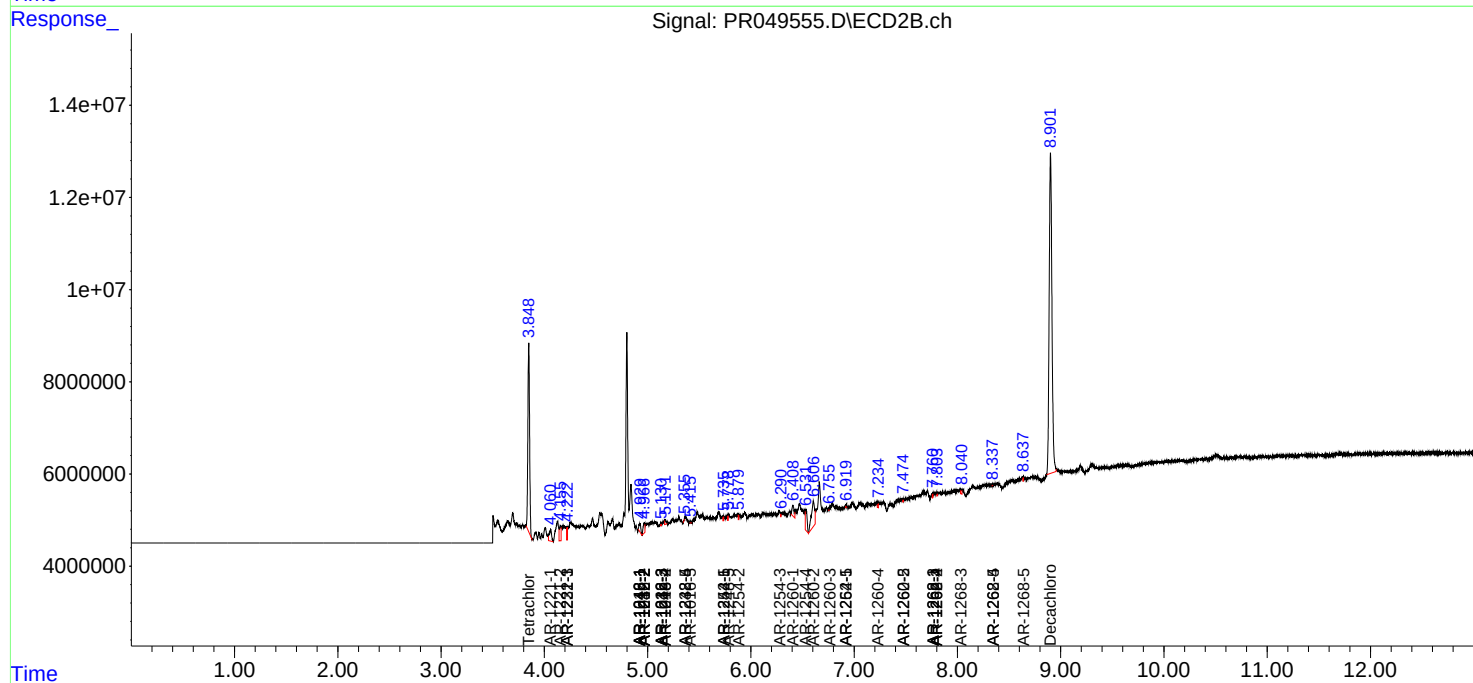
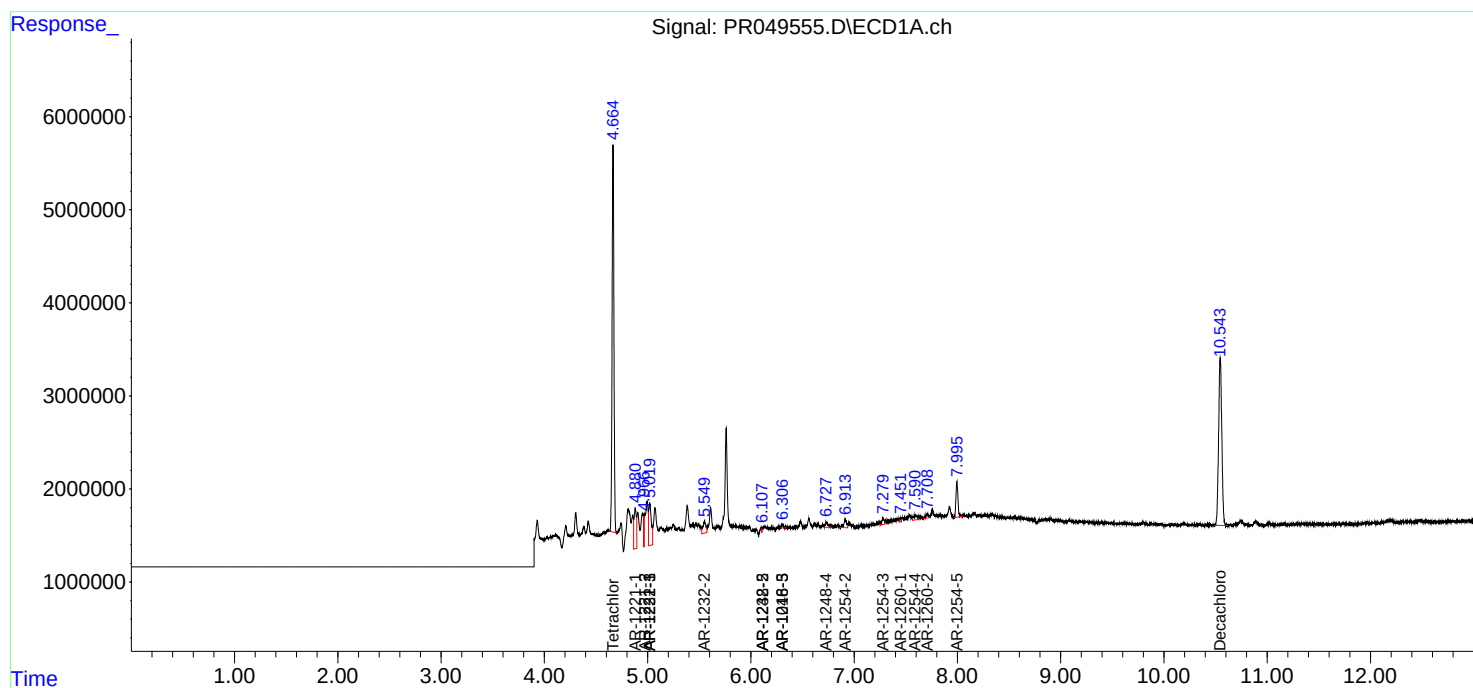
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

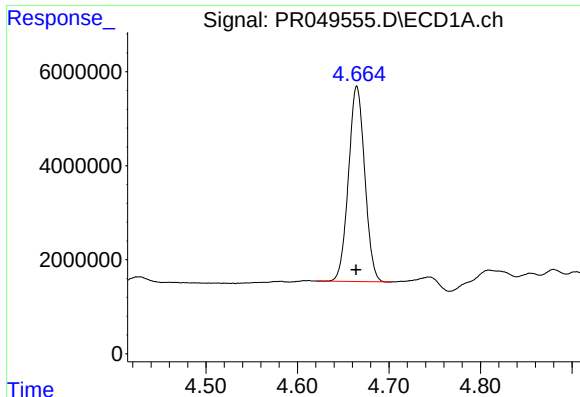
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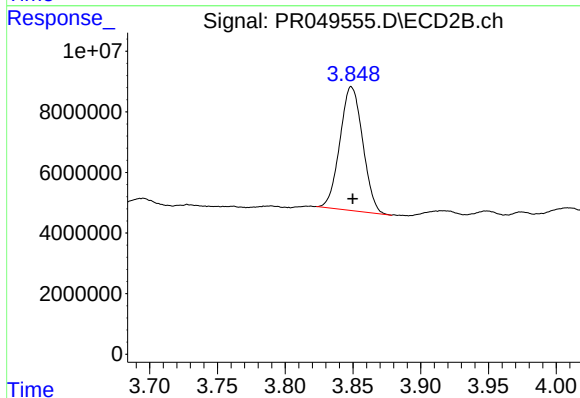




#1 Tetrachloro-m-xylene

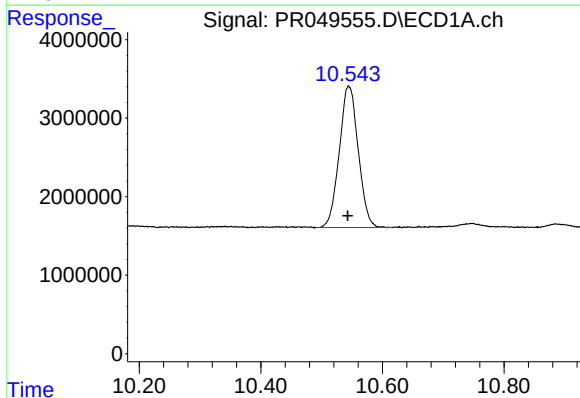
R.T.: 4.665 min
Delta R.T.: 0.000 min
Response: 51265566
Conc: 19.34 ng/ml

Instrument :
ECD_R
ClientSampleId :
BNM-1



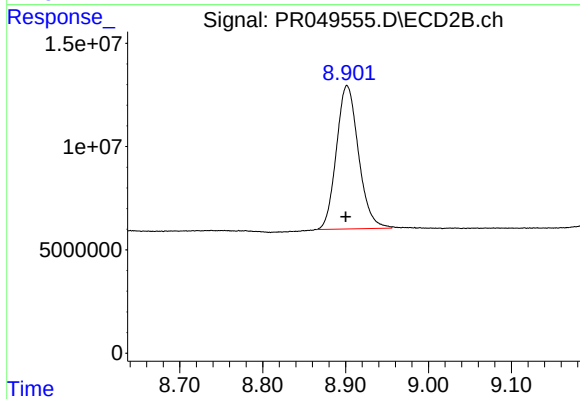
#1 Tetrachloro-m-xylene

R.T.: 3.849 min
Delta R.T.: -0.001 min
Response: 47901285
Conc: 15.22 ng/ml



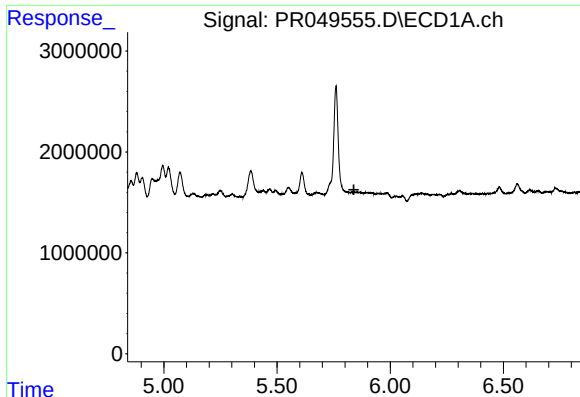
#2 Decachlorobiphenyl

R.T.: 10.544 min
Delta R.T.: 0.002 min
Response: 38827185
Conc: 13.67 ng/ml



#2 Decachlorobiphenyl

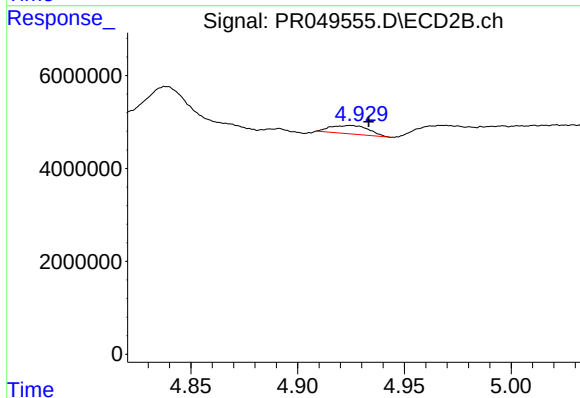
R.T.: 8.902 min
Delta R.T.: 0.001 min
Response: 128557406
Conc: 14.16 ng/ml



#3 AR-1016-1

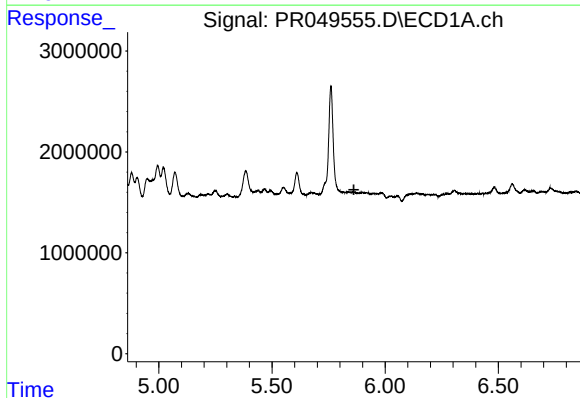
R.T.: 0.000 min
Exp R.T.: 5.839 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
BNM-1



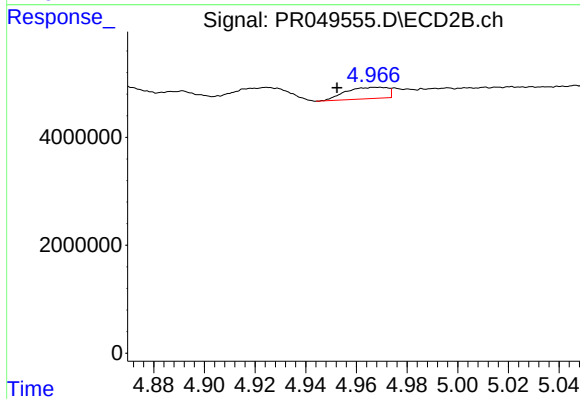
#3 AR-1016-1

R.T.: 4.924 min
Delta R.T.: -0.009 min
Response: 2250803
Conc: 37.54 ng/ml



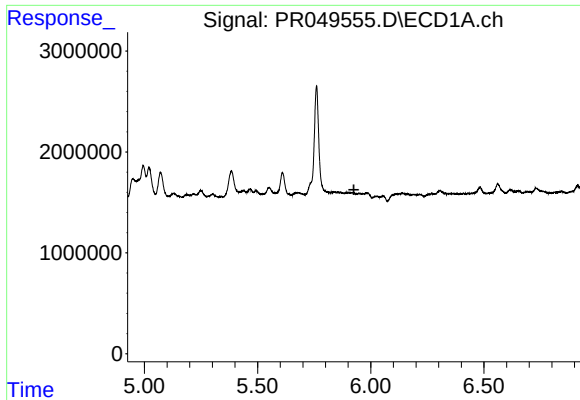
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 5.862 min
Response: 0
Conc: N.D.



#4 AR-1016-2

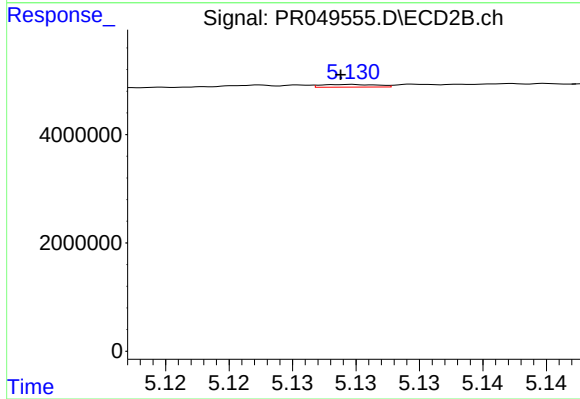
R.T.: 4.966 min
Delta R.T.: 0.014 min
Response: 2413303
Conc: 17.18 ng/ml



#5 AR-1016-3

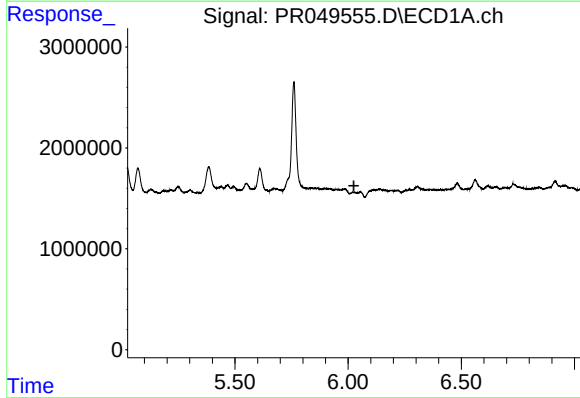
R.T.: 0.000 min
Exp R.T.: 5.925 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
BNM-1



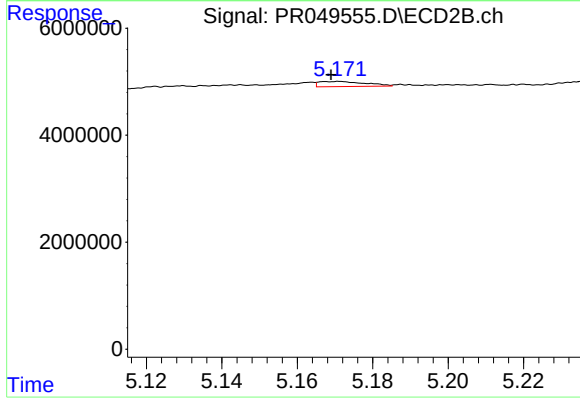
#5 AR-1016-3

R.T.: 5.130 min
Delta R.T.: 0.001 min
Response: 151774
Conc: 1.89 ng/ml



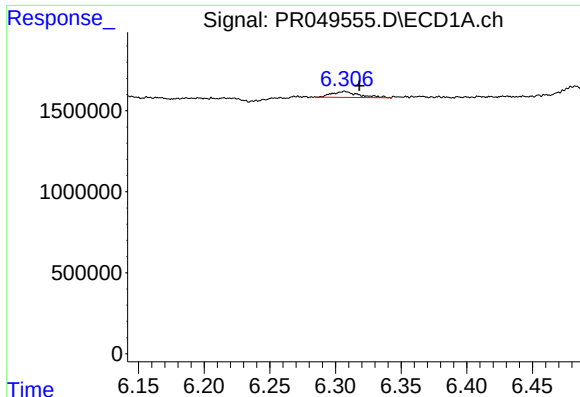
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 6.025 min
Response: 0
Conc: N.D.



#6 AR-1016-4

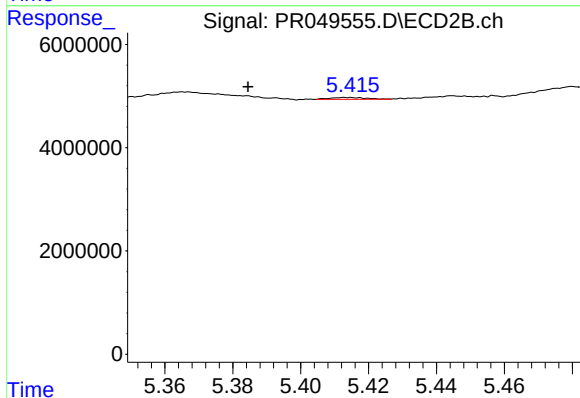
R.T.: 5.171 min
Delta R.T.: 0.002 min
Response: 832825
Conc: 23.07 ng/ml



#7 AR-1016-5

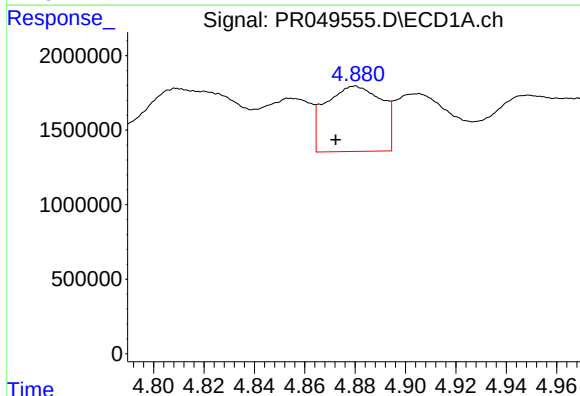
R.T.: 6.307 min
Delta R.T.: -0.011 min
Response: 514312
Conc: 7.35 ng/ml

Instrument :
ECD_R
ClientSampleId :
BNM-1



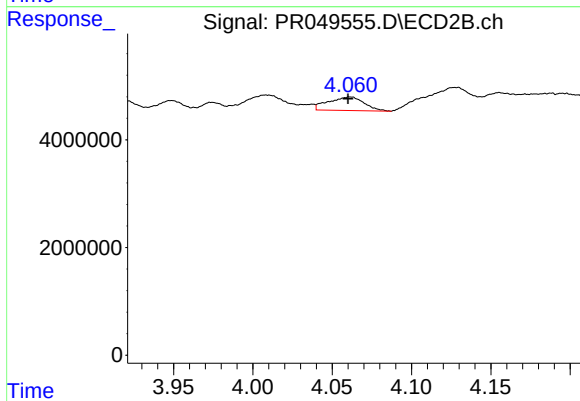
#7 AR-1016-5

R.T.: 5.413 min
Delta R.T.: 0.028 min
Response: 265724
Conc: 4.68 ng/ml



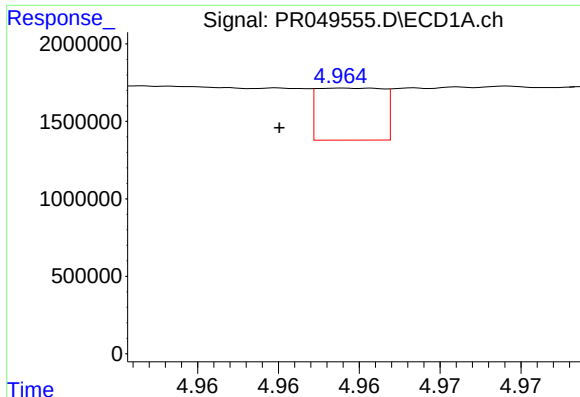
#8 AR-1221-1

R.T.: 4.880 min
Delta R.T.: 0.008 min
Response: 6786889
Conc: 219.36 ng/ml



#8 AR-1221-1

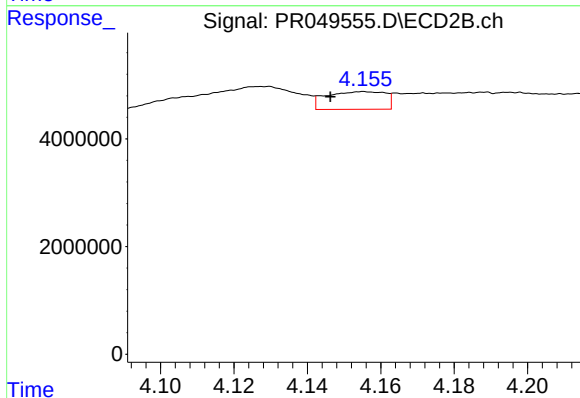
R.T.: 4.061 min
Delta R.T.: 0.000 min
Response: 3945572
Conc: 136.43 ng/ml



#9 AR-1221-2

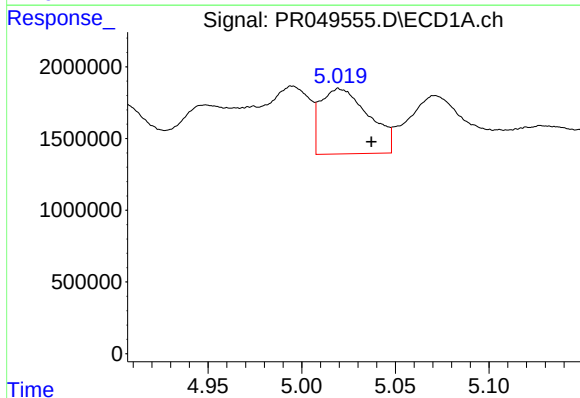
R.T.: 4.964 min
Delta R.T.: 0.004 min
Response: 948750
Conc: 40.71 ng/ml

Instrument :
ECD_R
ClientSampleId :
BNM-1



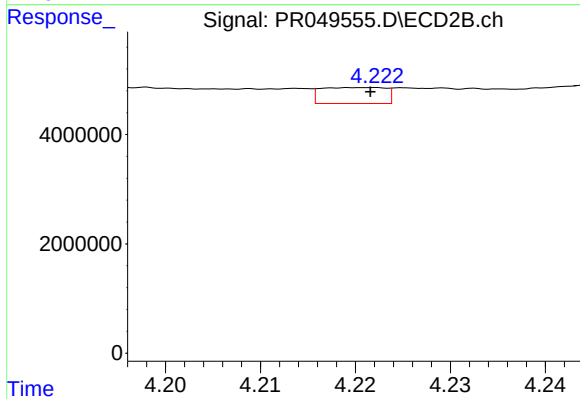
#9 AR-1221-2

R.T.: 4.155 min
Delta R.T.: 0.009 min
Response: 3646234
Conc: 141.70 ng/ml



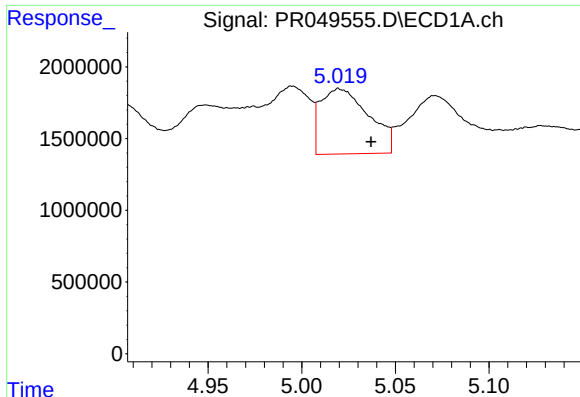
#10 AR-1221-3

R.T.: 5.020 min
Delta R.T.: -0.018 min
Response: 8153851
Conc: 114.88 ng/ml



#10 AR-1221-3

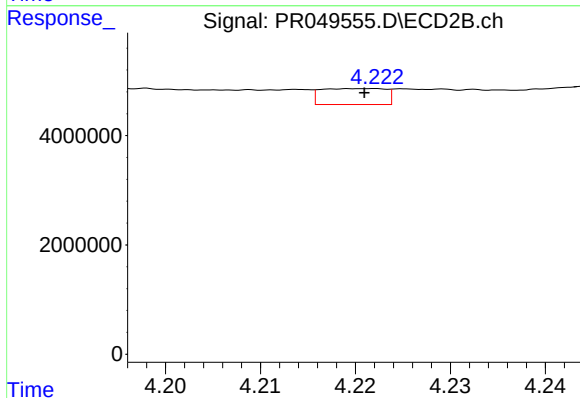
R.T.: 4.222 min
Delta R.T.: 0.000 min
Response: 1374877
Conc: 17.30 ng/ml



#11 AR-1232-1

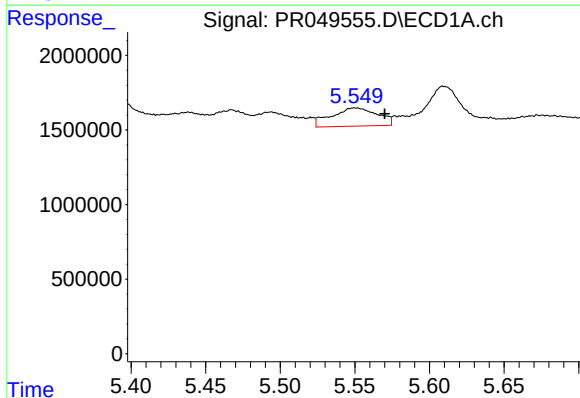
R.T.: 5.020 min
Delta R.T.: -0.018 min
Response: 8153851
Conc: 142.09 ng/ml

Instrument :
ECD_R
ClientSampleId :
BNM-1



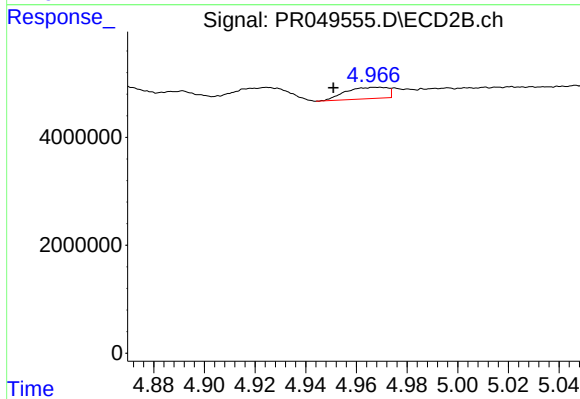
#11 AR-1232-1

R.T.: 4.222 min
Delta R.T.: 0.000 min
Response: 1374877
Conc: 21.38 ng/ml



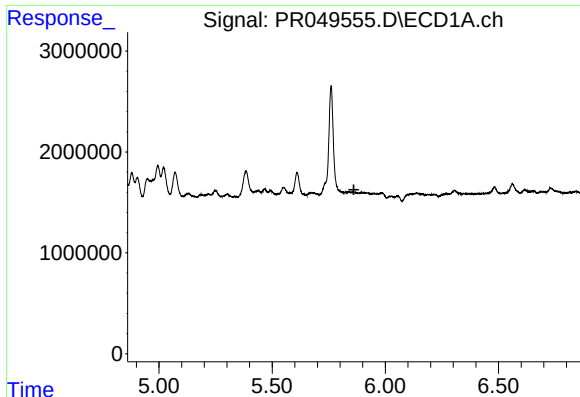
#12 AR-1232-2

R.T.: 5.552 min
Delta R.T.: -0.018 min
Response: 2617642
Conc: 87.15 ng/ml



#12 AR-1232-2

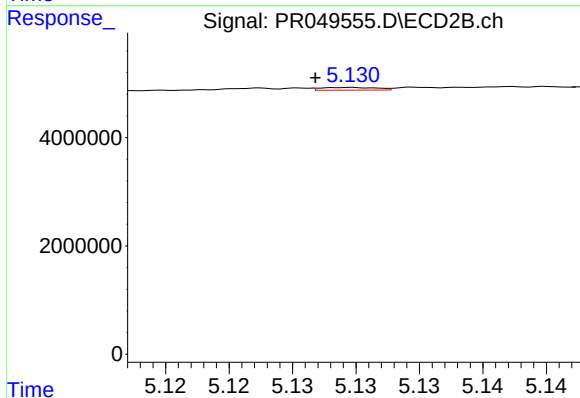
R.T.: 4.966 min
Delta R.T.: 0.016 min
Response: 2413303
Conc: 39.91 ng/ml



#13 AR-1232-3

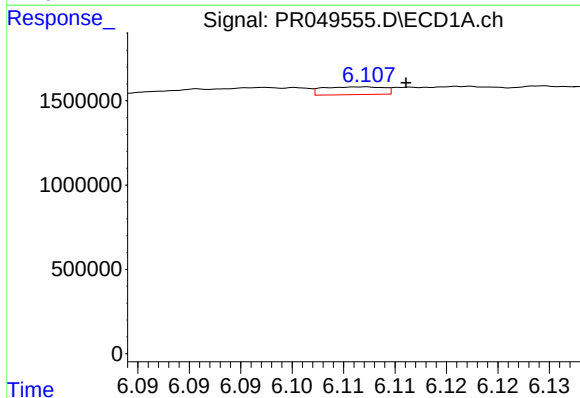
R.T.: 0.000 min
Exp R.T.: 5.861 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
BNM-1



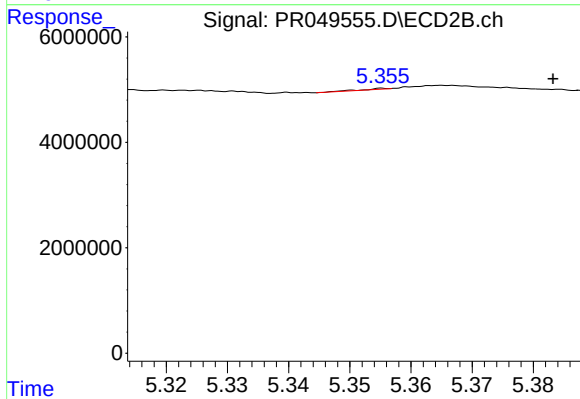
#13 AR-1232-3

R.T.: 5.130 min
Delta R.T.: 0.003 min
Response: 151774
Conc: 4.47 ng/ml



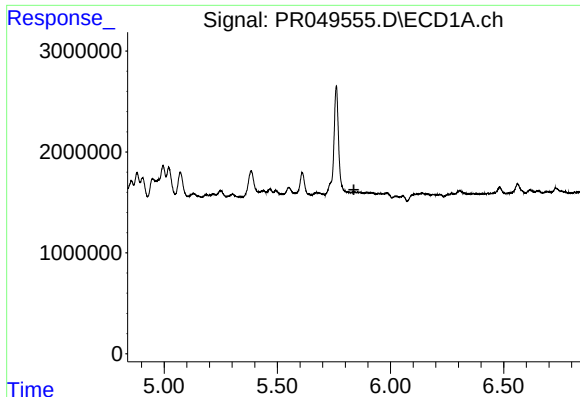
#15 AR-1232-5

R.T.: 6.107 min
Delta R.T.: -0.004 min
Response: 188470
Conc: 8.06 ng/ml



#15 AR-1232-5

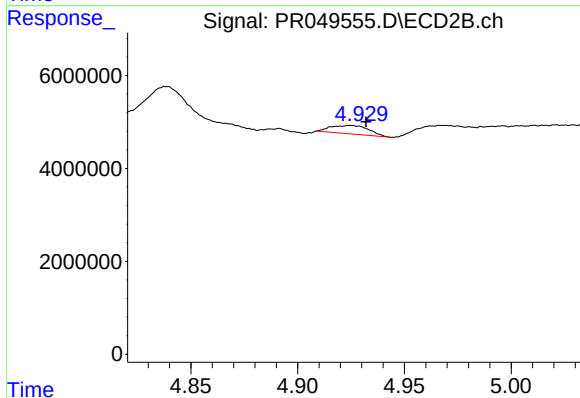
R.T.: 5.355 min
Delta R.T.: -0.028 min
Response: 34441
Conc: 1.53 ng/ml



#16 AR-1242-1

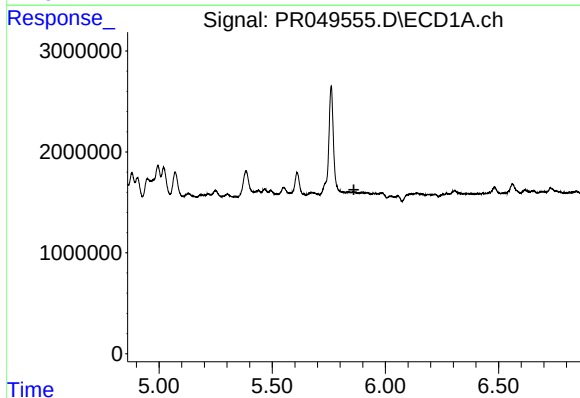
R.T.: 0.000 min
Exp R.T.: 5.838 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
BNM-1



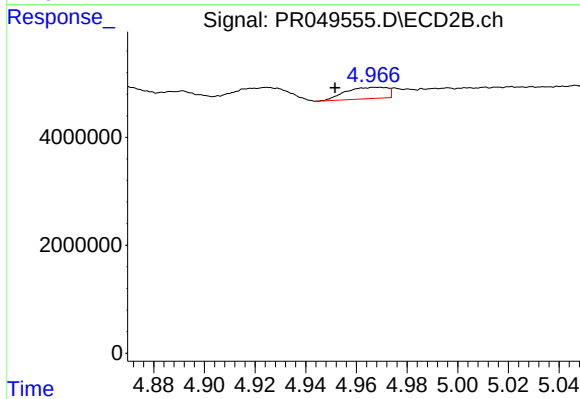
#16 AR-1242-1

R.T.: 4.924 min
Delta R.T.: -0.008 min
Response: 2250803
Conc: 45.18 ng/ml



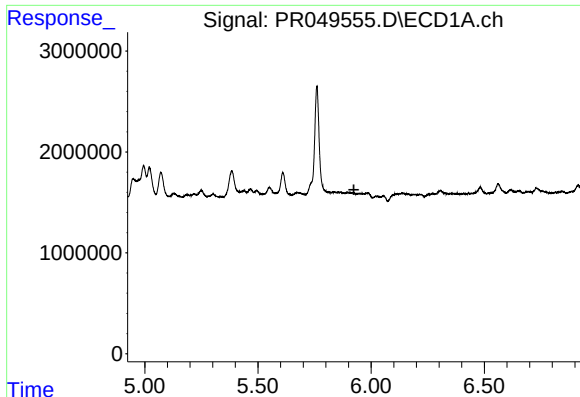
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T.: 5.861 min
Response: 0
Conc: N.D.



#17 AR-1242-2

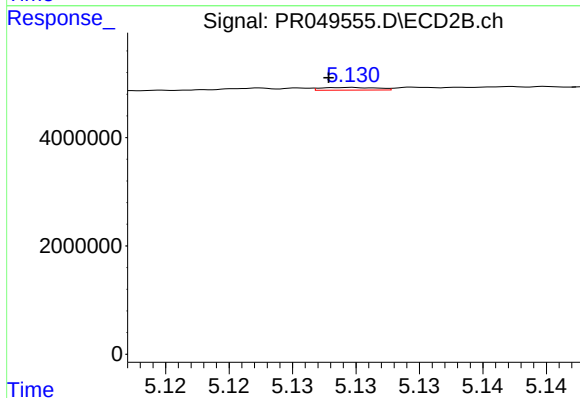
R.T.: 4.966 min
Delta R.T.: 0.015 min
Response: 2413303
Conc: 21.70 ng/ml



#18 AR-1242-3

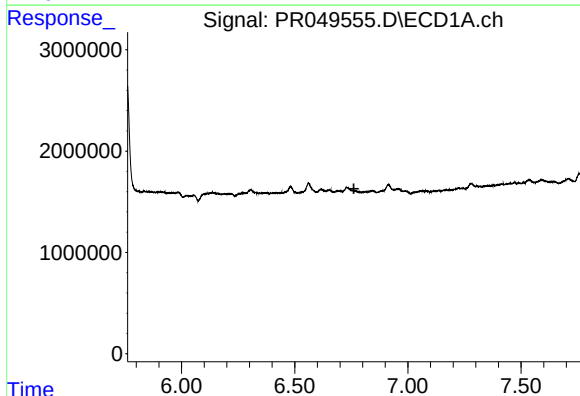
R.T.: 0.000 min
Exp R.T. : 5.924 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
BNM-1



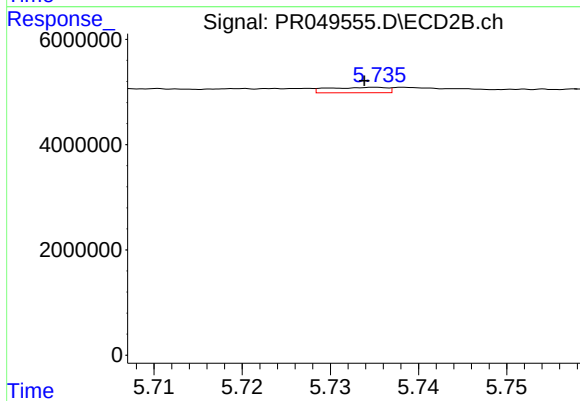
#18 AR-1242-3

R.T.: 5.130 min
Delta R.T.: 0.002 min
Response: 151774
Conc: 2.43 ng/ml



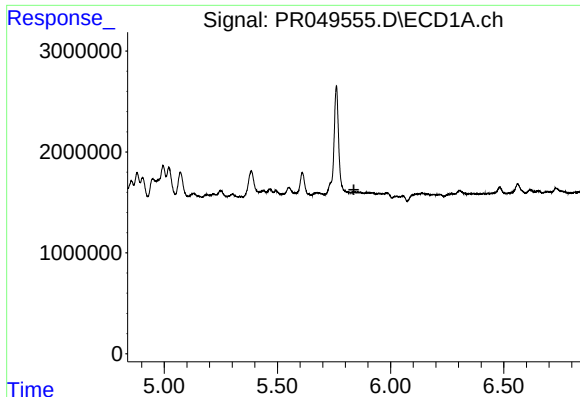
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 6.761 min
Response: 0
Conc: N.D.



#20 AR-1242-5

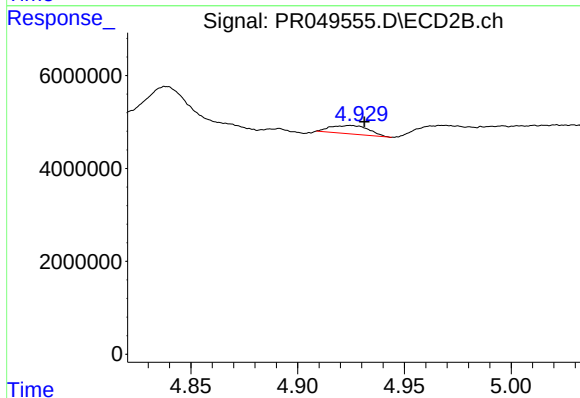
R.T.: 5.735 min
Delta R.T.: 0.001 min
Response: 473783
Conc: 7.38 ng/ml



#21 AR-1248-1

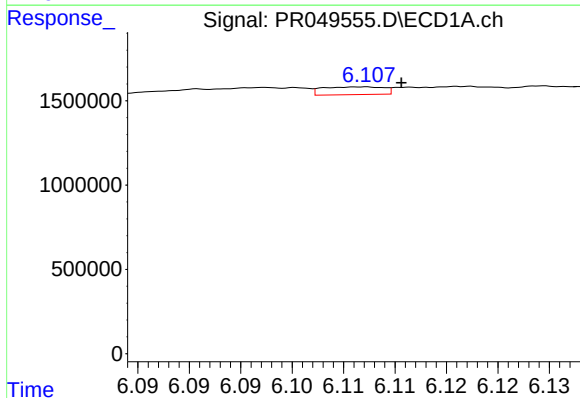
R.T.: 0.000 min
Exp R.T.: 5.838 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
BNM-1



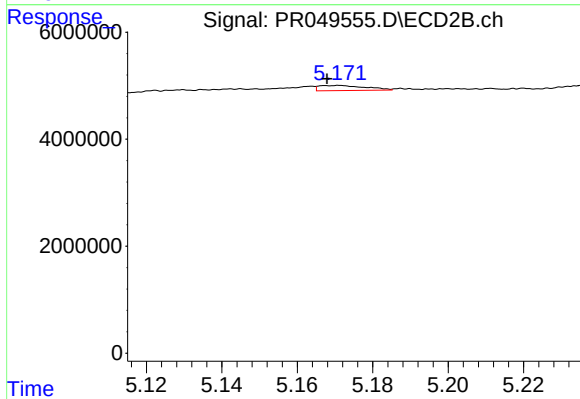
#21 AR-1248-1

R.T.: 4.924 min
Delta R.T.: -0.007 min
Response: 2250803
Conc: 60.56 ng/ml



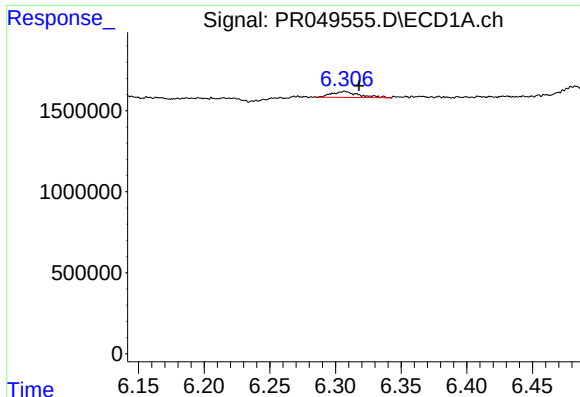
#22 AR-1248-2

R.T.: 6.107 min
Delta R.T.: -0.004 min
Response: 188470
Conc: 2.26 ng/ml



#22 AR-1248-2

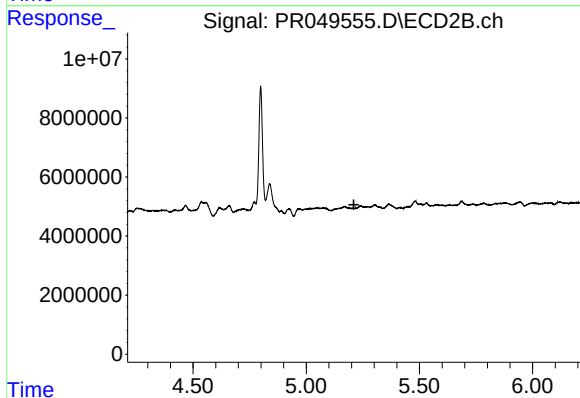
R.T.: 5.171 min
Delta R.T.: 0.003 min
Response: 832825
Conc: 18.62 ng/ml



#23 AR-1248-3

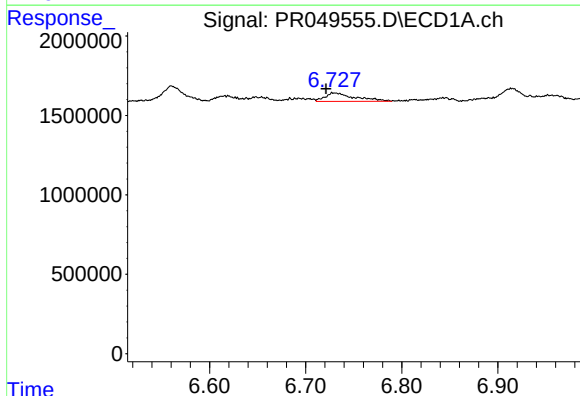
R.T.: 6.307 min
Delta R.T.: -0.011 min
Response: 514312
Conc: 5.72 ng/ml

Instrument :
ECD_R
ClientSampleId :
BNM-1



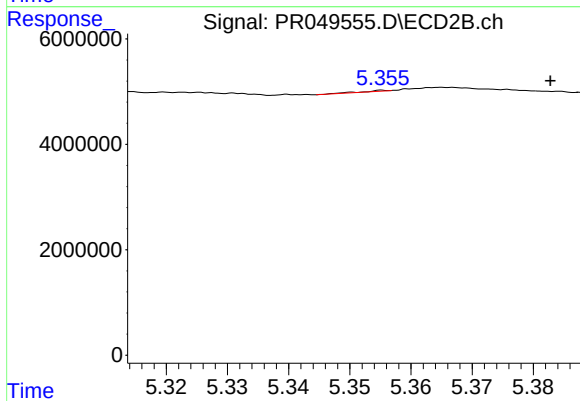
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 5.210 min
Response: 0
Conc: N.D.



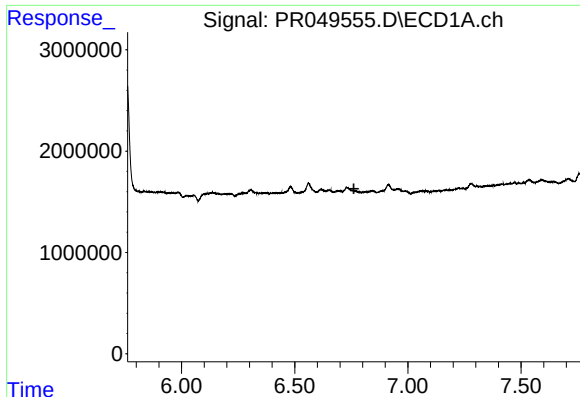
#24 AR-1248-4

R.T.: 6.729 min
Delta R.T.: 0.008 min
Response: 1145497
Conc: 10.30 ng/ml



#24 AR-1248-4

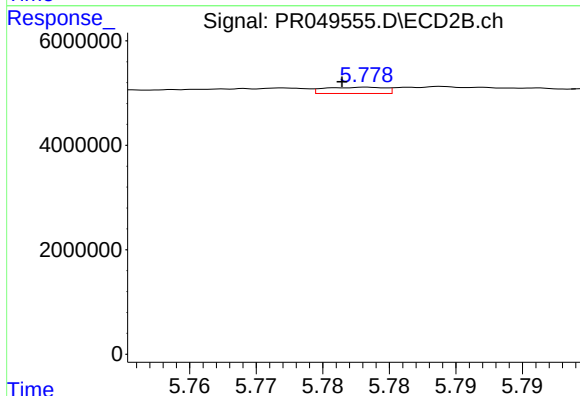
R.T.: 5.355 min
Delta R.T.: -0.027 min
Response: 34441
Conc: 0.47 ng/ml



#25 AR-1248-5

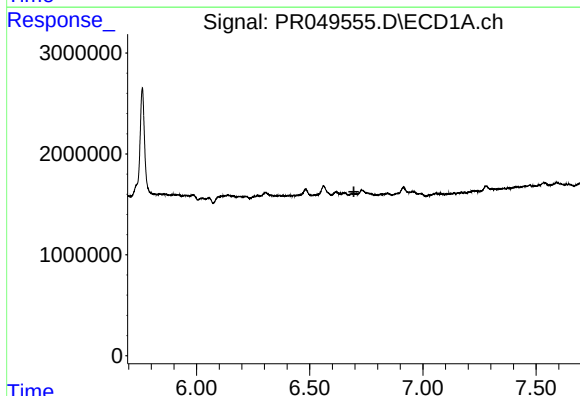
R.T.: 0.000 min
Exp R.T.: 6.761 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
BNM-1



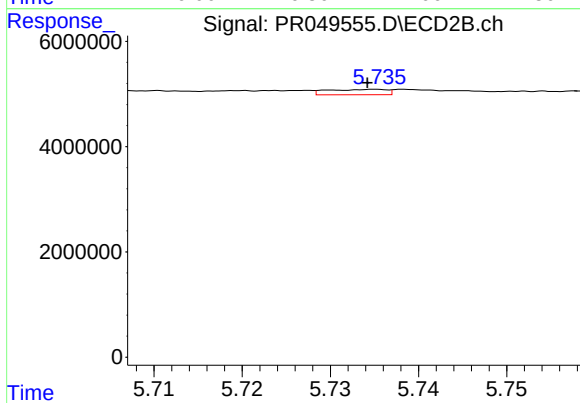
#25 AR-1248-5

R.T.: 5.779 min
Delta R.T.: 0.002 min
Response: 373010
Conc: 3.55 ng/ml



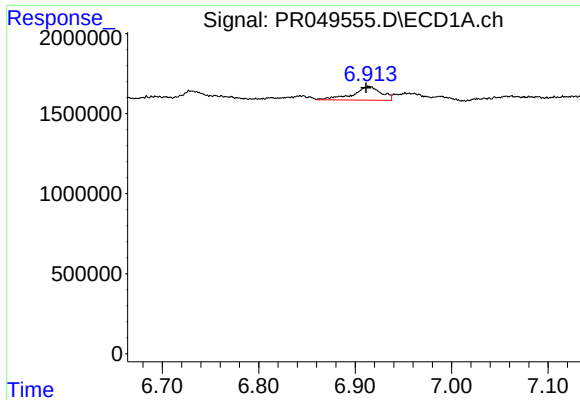
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T.: 6.695 min
Response: 0
Conc: N.D.



#26 AR-1254-1

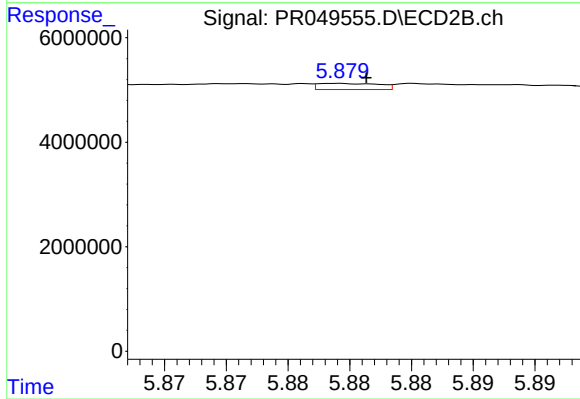
R.T.: 5.735 min
Delta R.T.: 0.001 min
Response: 473783
Conc: 4.23 ng/ml



#27 AR-1254-2

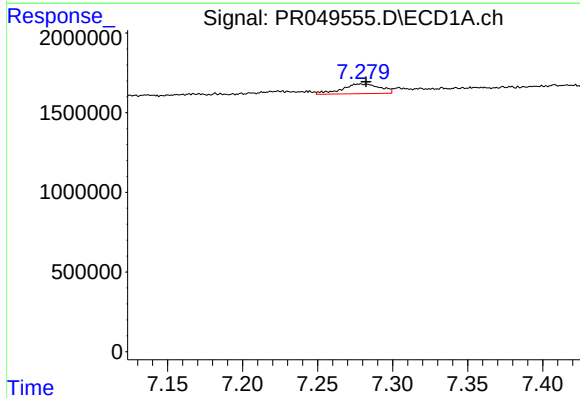
R.T.: 6.915 min
Delta R.T.: 0.003 min
Response: 1750224
Conc: 10.37 ng/ml

Instrument :
ECD_R
ClientSampleId :
BNM-1



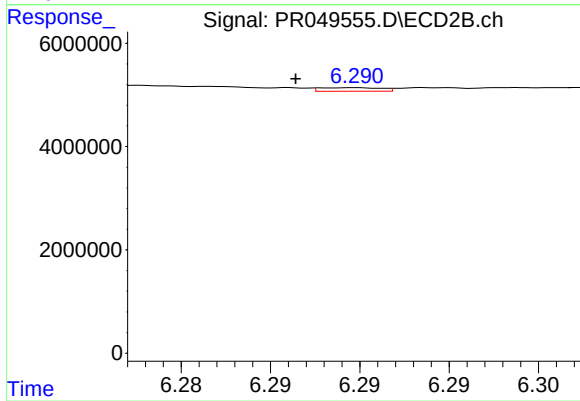
#27 AR-1254-2

R.T.: 5.879 min
Delta R.T.: -0.002 min
Response: 407723
Conc: 3.33 ng/ml



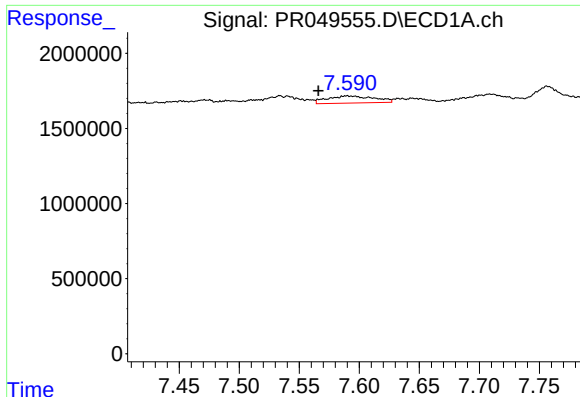
#28 AR-1254-3

R.T.: 7.282 min
Delta R.T.: 0.000 min
Response: 1086563
Conc: 6.29 ng/ml



#28 AR-1254-3

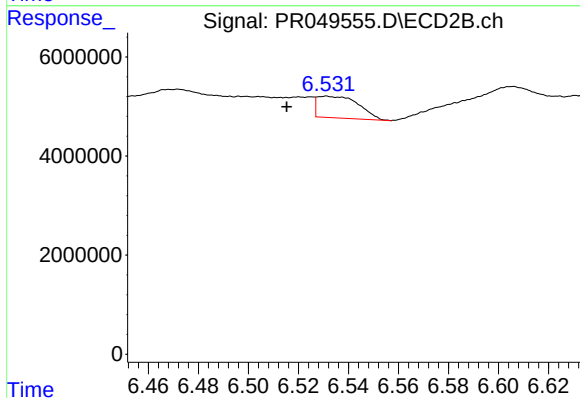
R.T.: 6.290 min
Delta R.T.: 0.004 min
Response: 165013
Conc: 0.70 ng/ml



#29 AR-1254-4

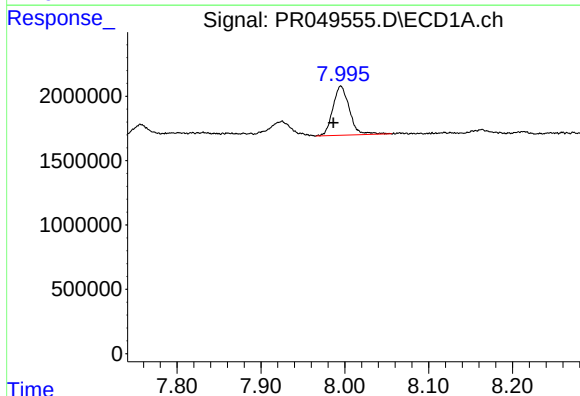
R.T.: 7.590 min
Delta R.T.: 0.024 min
Response: 1297689
Conc: 9.07 ng/ml

Instrument :
ECD_R
ClientSampleId :
BNM-1



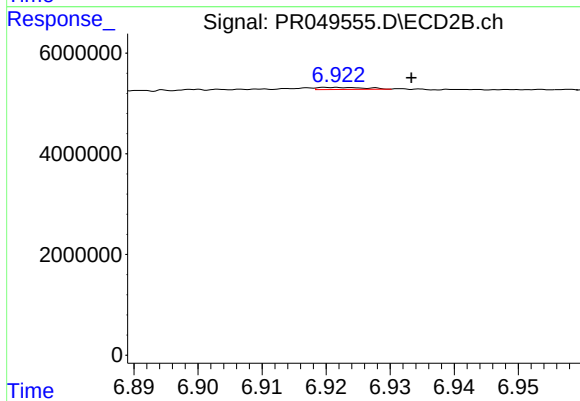
#29 AR-1254-4

R.T.: 6.531 min
Delta R.T.: 0.016 min
Response: 5048239
Conc: 13.99 ng/ml



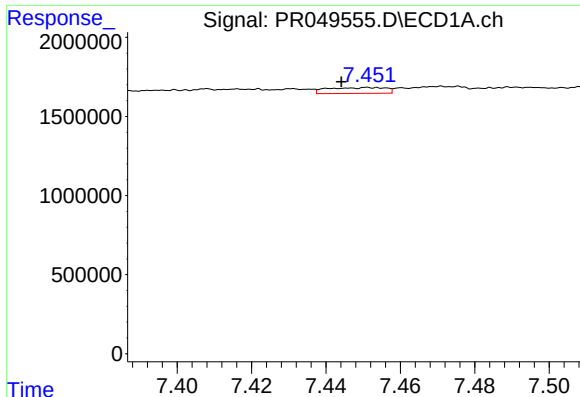
#30 AR-1254-5

R.T.: 7.995 min
Delta R.T.: 0.009 min
Response: 5218677
Conc: 37.35 ng/ml



#30 AR-1254-5

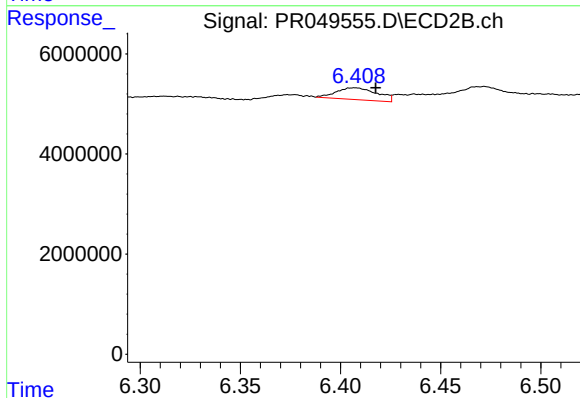
R.T.: 6.922 min
Delta R.T.: -0.011 min
Response: 215872
Conc: 0.50 ng/ml



#31 AR-1260-1

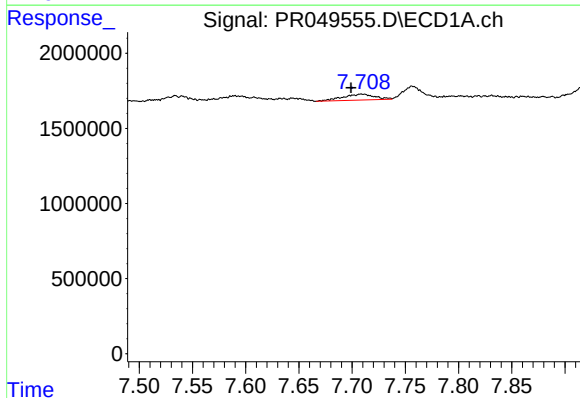
R.T.: 7.452 min
Delta R.T.: 0.008 min
Response: 400047
Conc: 3.14 ng/ml

Instrument :
ECD_R
ClientSampleId :
BNM-1



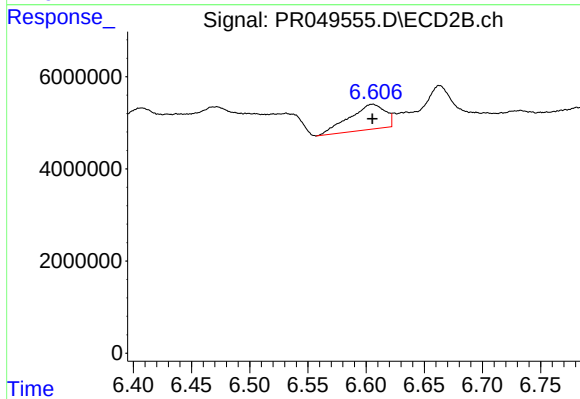
#31 AR-1260-1

R.T.: 6.407 min
Delta R.T.: -0.010 min
Response: 3347868
Conc: 23.96 ng/ml



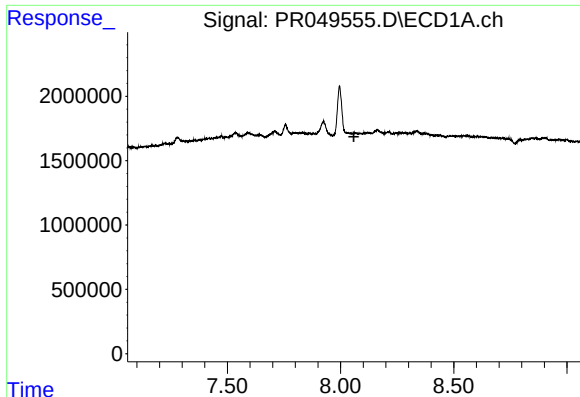
#32 AR-1260-2

R.T.: 7.709 min
Delta R.T.: 0.010 min
Response: 824471
Conc: 5.07 ng/ml



#32 AR-1260-2

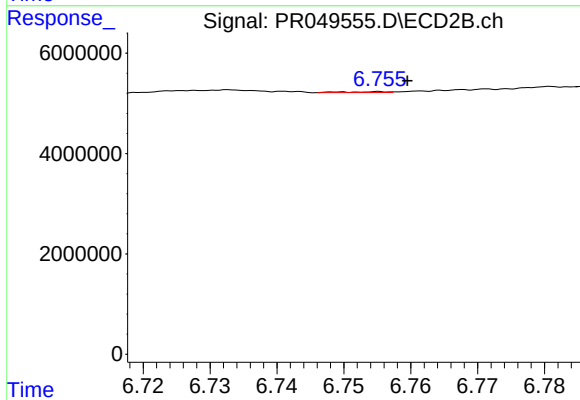
R.T.: 6.606 min
Delta R.T.: 0.000 min
Response: 11707846
Conc: 21.44 ng/ml



#33 AR-1260-3

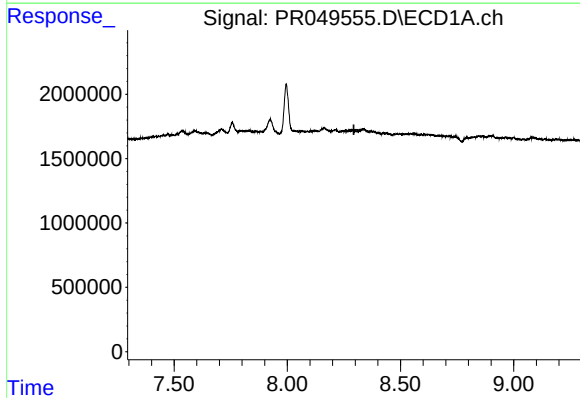
R.T.: 0.000 min
Exp R.T.: 8.059 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
BNM-1



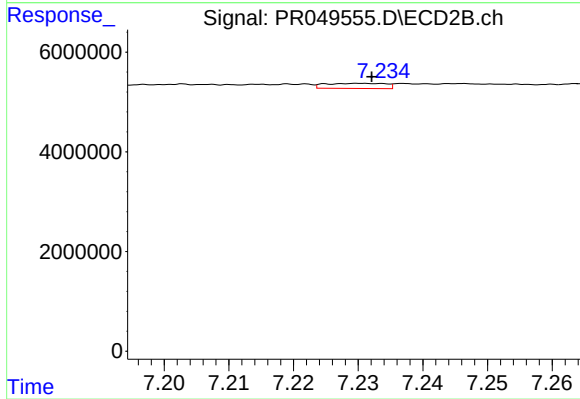
#33 AR-1260-3

R.T.: 6.755 min
Delta R.T.: -0.004 min
Response: 87433
Conc: 0.28 ng/ml



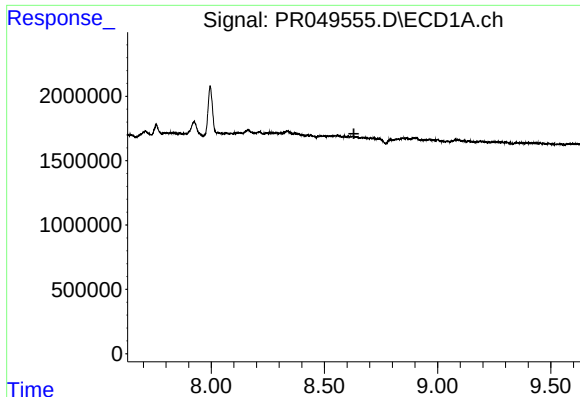
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T.: 8.294 min
Response: 0
Conc: N.D.



#34 AR-1260-4

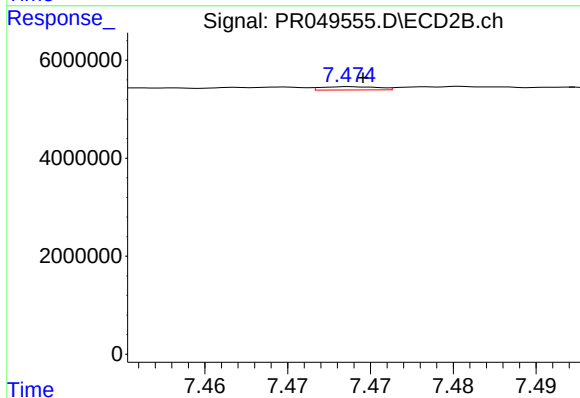
R.T.: 7.231 min
Delta R.T.: -0.001 min
Response: 666855
Conc: 1.78 ng/ml



#35 AR-1260-5

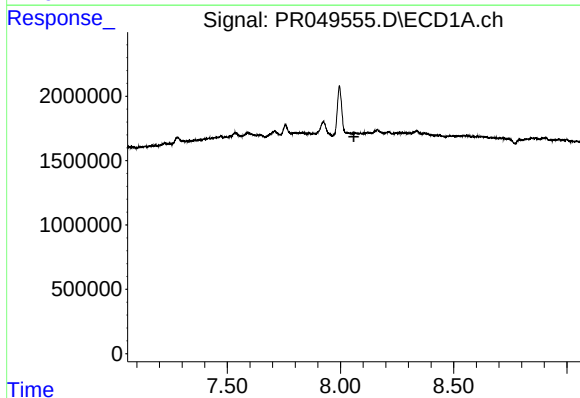
R.T.: 0.000 min
Exp R.T. : 8.630 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
BNM-1



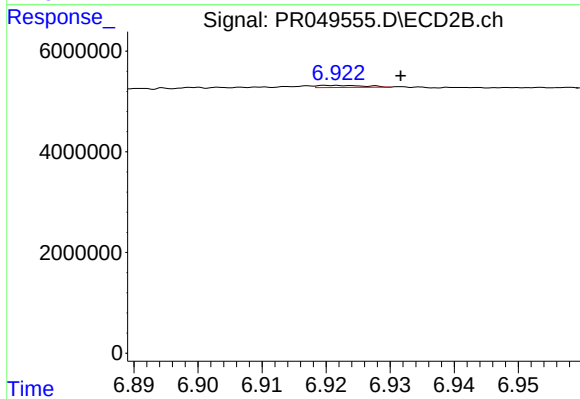
#35 AR-1260-5

R.T.: 7.474 min
Delta R.T.: 0.000 min
Response: 154431
Conc: 0.11 ng/ml



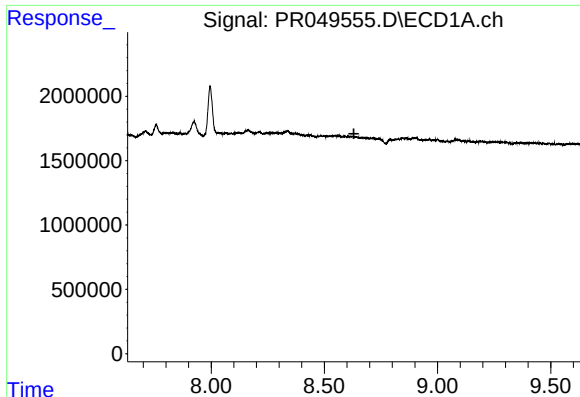
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 8.059 min
Response: 0
Conc: N.D.



#36 AR-1262-1

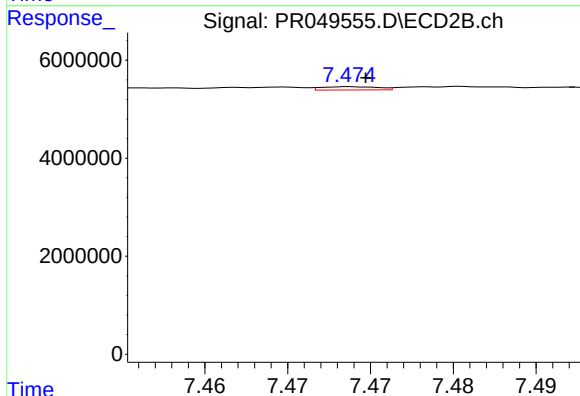
R.T.: 6.922 min
Delta R.T.: -0.010 min
Response: 215872
Conc: 0.94 ng/ml



#37 AR-1262-2

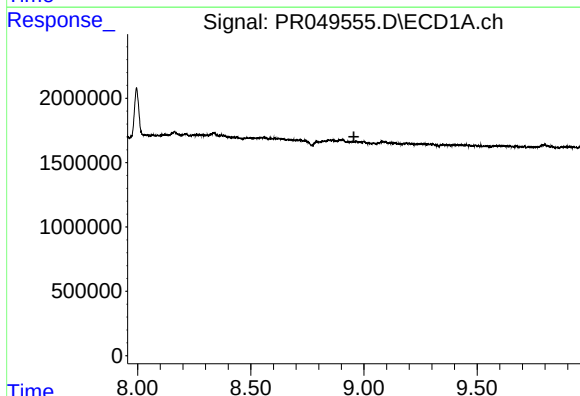
R.T.: 0.000 min
Exp R.T.: 8.630 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
BNM-1



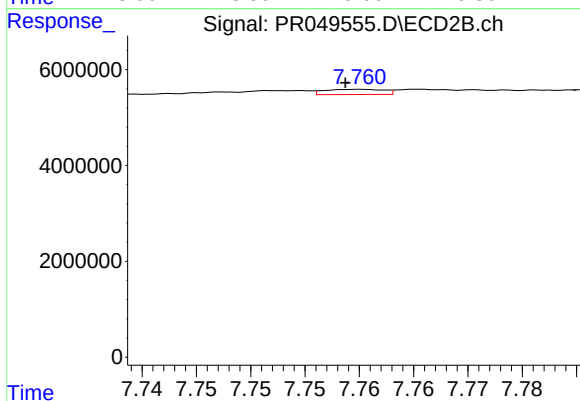
#37 AR-1262-2

R.T.: 7.474 min
Delta R.T.: 0.000 min
Response: 154431
Conc: 0.10 ng/ml



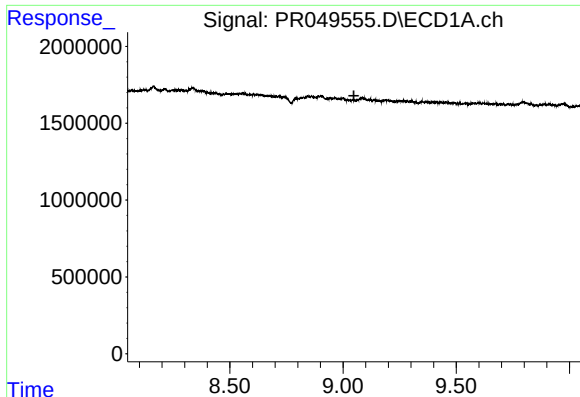
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 8.955 min
Response: 0
Conc: N.D.



#38 AR-1262-3

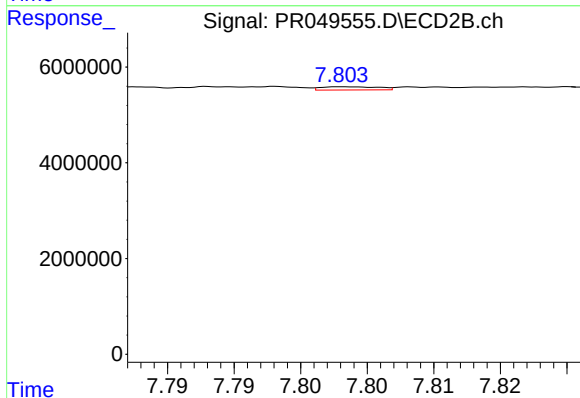
R.T.: 7.760 min
Delta R.T.: 0.002 min
Response: 401969
Conc: 0.69 ng/ml



#39 AR-1262-4

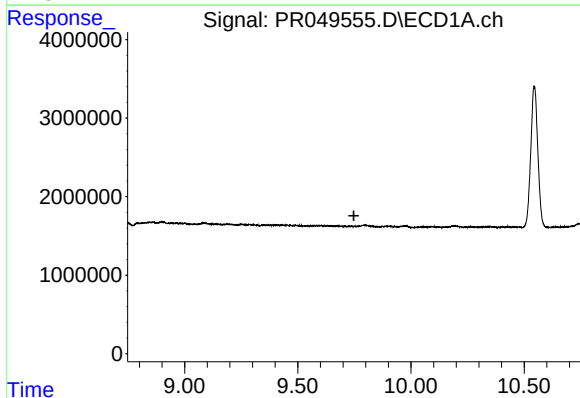
R.T.: 0.000 min
Exp R.T.: 9.048 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
BNM-1



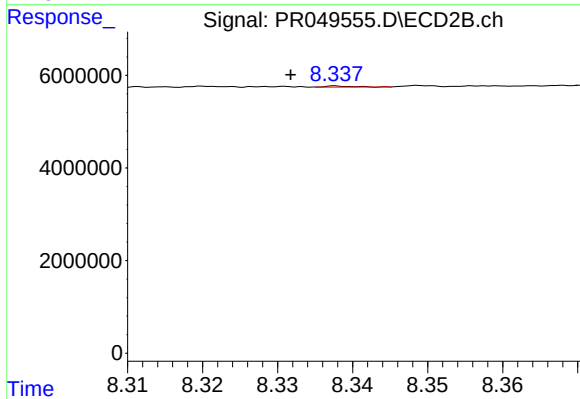
#39 AR-1262-4

R.T.: 7.803 min
Delta R.T.: -0.021 min
Response: 199961
Conc: 0.20 ng/ml



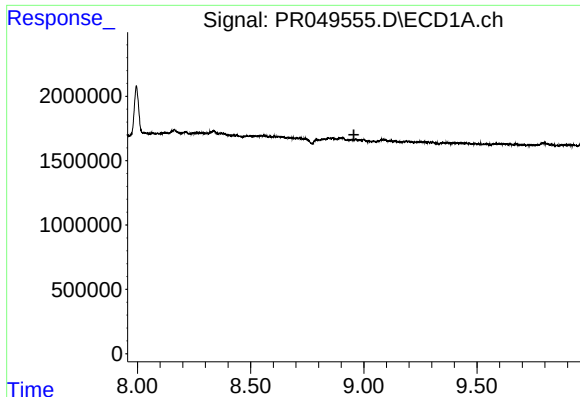
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 9.748 min
Response: 0
Conc: N.D.



#40 AR-1262-5

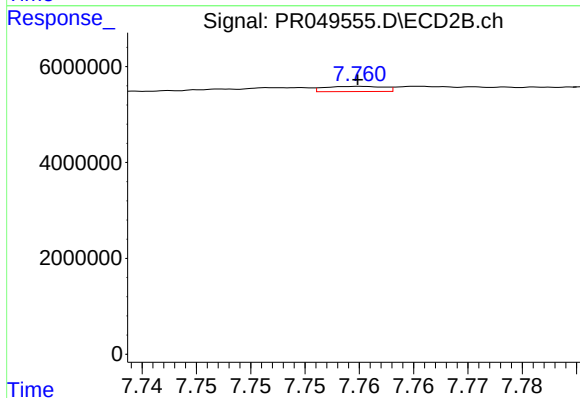
R.T.: 8.338 min
Delta R.T.: 0.006 min
Response: 50992
Conc: 0.11 ng/ml



#41 AR-1268-1

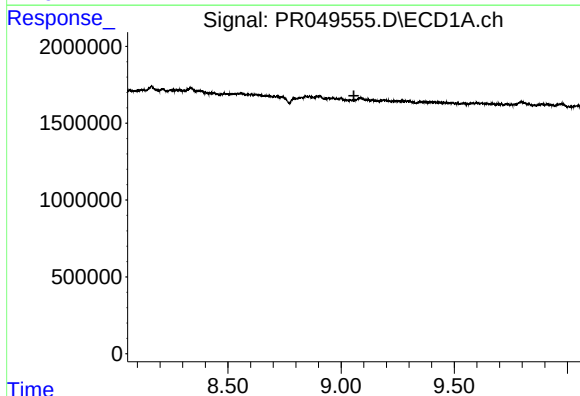
R.T.: 0.000 min
Exp R.T.: 8.956 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
BNM-1



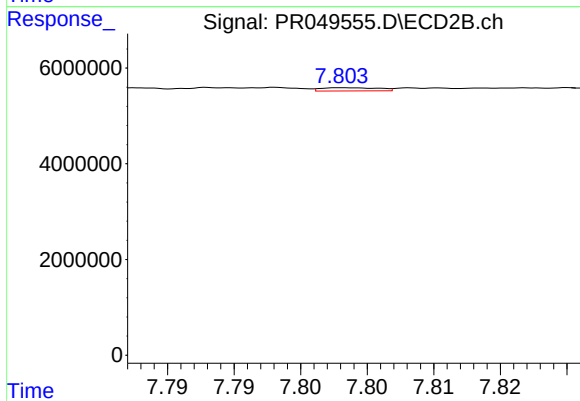
#41 AR-1268-1

R.T.: 7.760 min
Delta R.T.: 0.000 min
Response: 401969
Conc: 0.23 ng/ml



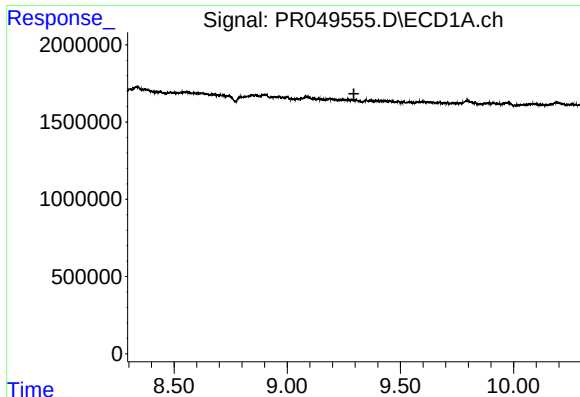
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T.: 9.056 min
Response: 0
Conc: N.D.



#42 AR-1268-2

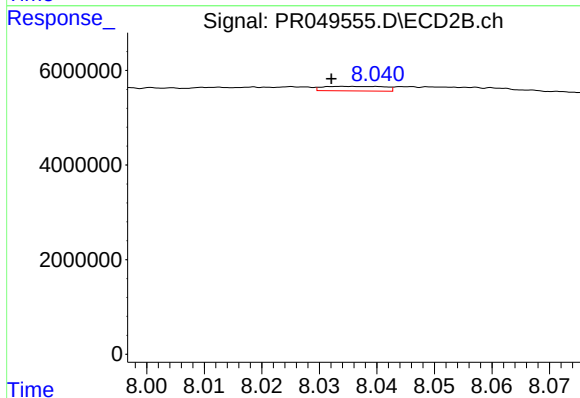
R.T.: 7.803 min
Delta R.T.: -0.022 min
Response: 199961
Conc: 0.14 ng/ml



#43 AR-1268-3

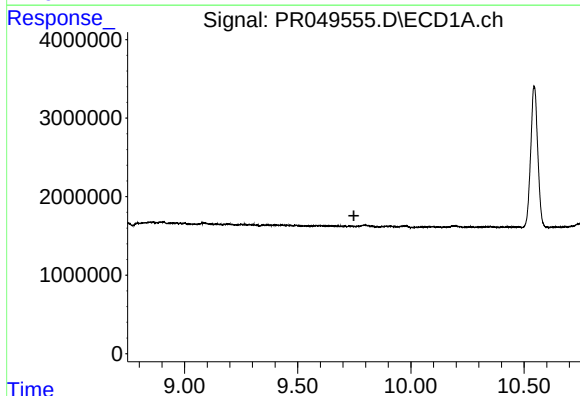
R.T.: 0.000 min
Exp R.T.: 9.295 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
BNM-1



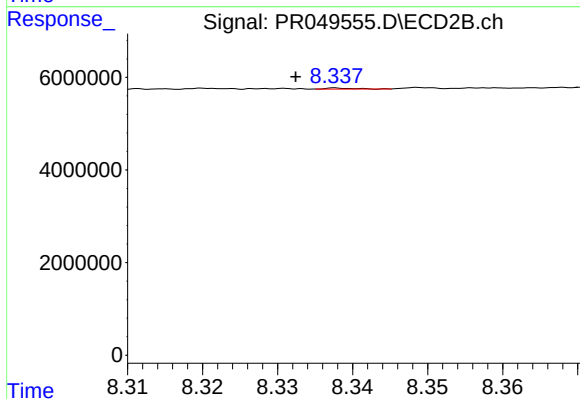
#43 AR-1268-3

R.T.: 8.034 min
Delta R.T.: 0.002 min
Response: 704420
Conc: 0.55 ng/ml



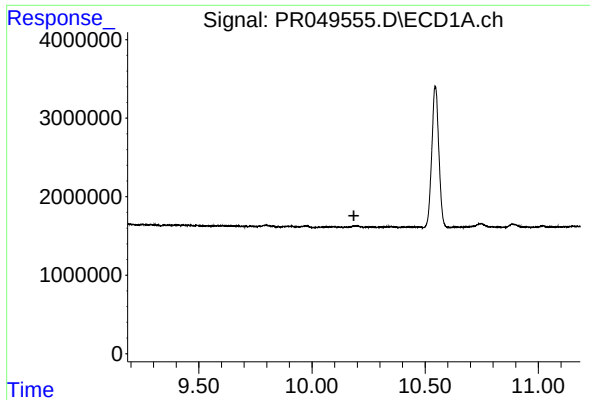
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 9.748 min
Response: 0
Conc: N.D.



#44 AR-1268-4

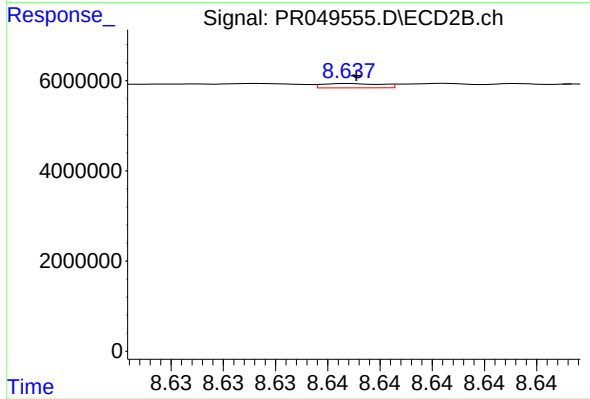
R.T.: 8.338 min
Delta R.T.: 0.005 min
Response: 50992
Conc: 0.11 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 10.185 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
BNM-1



#45 AR-1268-5

R.T.: 8.637 min
Delta R.T.: 0.000 min
Response: 150455
Conc: 0.04 ng/ml