

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR081023\
 Data File : PR062554.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Aug 2023 10:13
 Operator : YP\AJ
 Sample : 03572-08
 Misc : AR1660 LOQ 50 PPB
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 09 21:54:03 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR080923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 09 01:27:38 2023
 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...	3.684	2.956	33307389	54351685	16.498	18.722
2)	SA Decachlor...	9.618	8.236	29788705	78959339	19.999	19.029
Target Compounds							
3)	L1 AR-1016-1	4.913	4.079	3236143	5341391	48.192	49.240
4)	L1 AR-1016-2	4.935	4.097	4554047	7301989	47.162	47.825
5)	L1 AR-1016-3	5.001	4.277	2898535	3904656	47.048	46.602
6)	L1 AR-1016-4	5.103	4.327	2299352	3385874	47.177	49.900
7)	L1 AR-1016-5	5.420	4.545	2551772	4479898	48.907	49.239
8)	L2 AR-1221-1	3.902	3.181	576737	520184	23.578	13.749 #
9)	L2 AR-1221-2	3.997	3.263	982995	1340020	63.449	37.112 #
10)	L2 AR-1221-3	4.075	3.345	1984957	3383418	33.068	37.615
11)	L3 AR-1232-1	4.075	3.345	1984957	3383418	39.967	45.177
12)	L3 AR-1232-2	4.628	4.097	2437206	7301989	98.693	105.872
13)	L3 AR-1232-3	4.935	4.277	4554047	3904656	106.618	105.223
14)	L3 AR-1232-4	5.103	4.369	2299352	4197874	108.775	123.973
15)	L3 AR-1232-5	5.207	4.545	2011568	4479898	115.668	114.012
16)	L4 AR-1242-1	4.913	4.079	3236143	5341391	58.060	59.372
17)	L4 AR-1242-2	4.935	4.097	4554047	7301989	56.727	58.242
18)	L4 AR-1242-3	5.001	4.277	2898535	3904656	56.280	56.433
19)	L4 AR-1242-4	5.103	4.369	2299352	4197874	56.894	61.215
20)	L4 AR-1242-5	5.894	4.918	802173	4591150	18.724	51.281 #
21)	L5 AR-1248-1	4.913	4.079	3236143	5341391	78.788	79.826
22)	L5 AR-1248-2	5.207	4.327	2011568	3385874	33.212	35.333
23)	L5 AR-1248-3	5.420	4.369	2551772	4197874	36.387	42.519
24)	L5 AR-1248-4	5.854	4.545	694350	4479898	9.600	37.760 #
25)	L5 AR-1248-5	5.894	4.960	802173	1419242	11.325	11.876
26)	L6 AR-1254-1	5.825	4.918	2389001	4591150	29.891	25.633
27)	L6 AR-1254-2	6.064	5.077	2345873	3665682	19.654	23.439
28)	L6 AR-1254-3	6.455	5.520f	999542	6299329	8.445	24.262 #
29)	L6 AR-1254-4	6.765	5.750	599628	614033	7.204	3.665 #
30)	L6 AR-1254-5	7.222	6.195	6073980	12704800	67.570	51.091
31)	L7 AR-1260-1	6.636	5.642	5263747	10170561	50.987	52.276
32)	L7 AR-1260-2	6.919	5.847	5629723	11702935	51.323	49.227
33)	L7 AR-1260-3	7.310	6.007	4391010	10747204	53.859	47.654
34)	L7 AR-1260-4	7.553	6.515	4679894	9147657	52.037	46.178
35)	L7 AR-1260-5	7.891	6.781	8252790	21619098	50.931	46.649
36)	L8 AR-1262-1	7.310	6.239	4391010	10114323	38.251	38.852
37)	L8 AR-1262-2	7.891	6.781	8252790	21619098	45.669	44.477
38)	L8 AR-1262-3	8.206	7.087	5076577	5155753	40.018	25.946 #
39)	L8 AR-1262-4	8.283	7.153	1444891	16310620	14.318	43.814 #
40)	L8 AR-1262-5	8.913	7.693	2121156	5695161	32.923	32.116
41)	L9 AR-1268-1	8.206	7.087	5076577	5155753	23.408	8.854 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR081023\
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 Operator : YP\AJ
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 Misc : AR1660 LOQ 50 PPB
 ALS Vial : 5 Sample Multiplier: 1

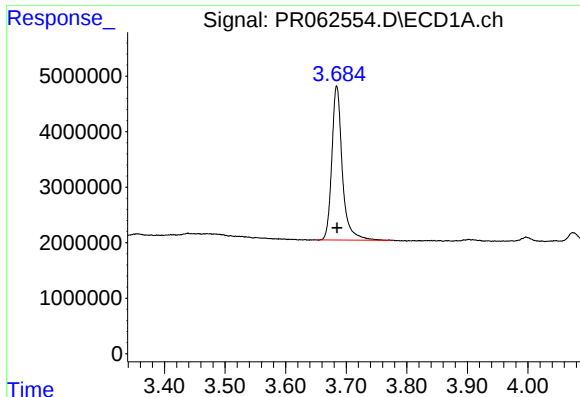
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 09 21:54:03 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR080923.M
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 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	8.283	7.153	1444891	16310620	7.136	30.278 #
43) L9	AR-1268-3	8.501	7.381	166451	680912	0.939	1.443 #
44) L9	AR-1268-4	8.913	7.693	2121156	5695161	30.640	28.815
45) L9	AR-1268-5	9.301	7.989	794315	2339046	1.563	1.563

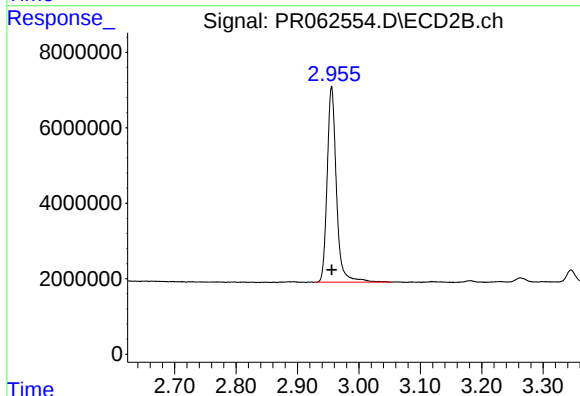
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

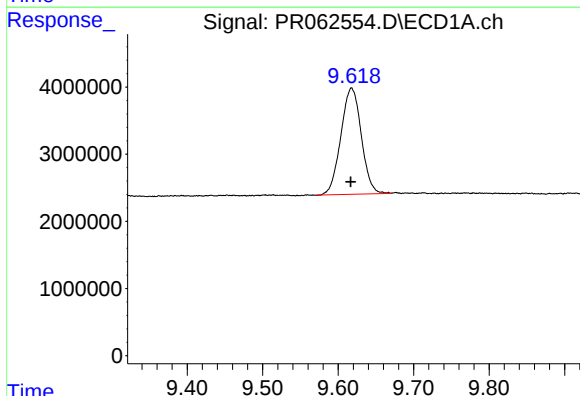
R.T.: 3.684 min
Delta R.T.: 0.000 min
Response: 33307389
Conc: 16.50 ng/ml

Instrument :
ECD_R
ClientSampleId :



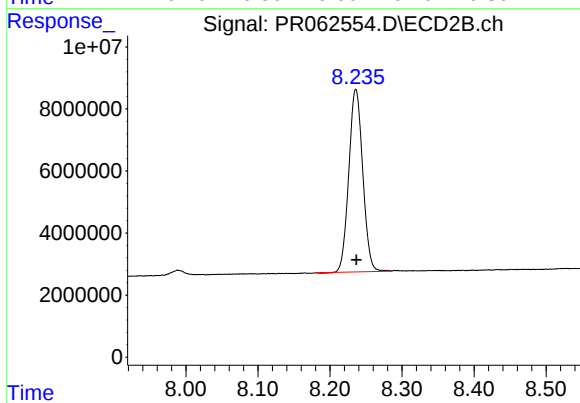
#1 Tetrachloro-m-xylene

R.T.: 2.956 min
Delta R.T.: 0.000 min
Response: 54351685
Conc: 18.72 ng/ml



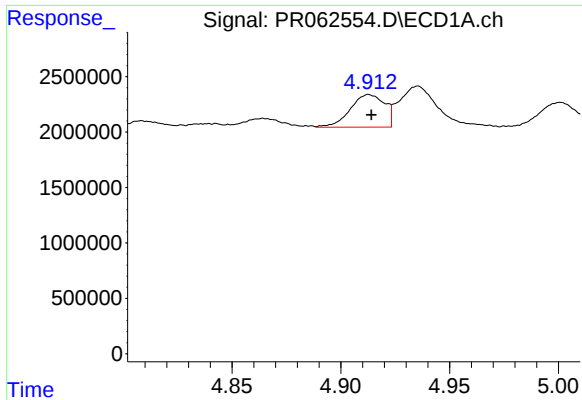
#2 Decachlorobiphenyl

R.T.: 9.618 min
Delta R.T.: 0.000 min
Response: 29788705
Conc: 20.00 ng/ml



#2 Decachlorobiphenyl

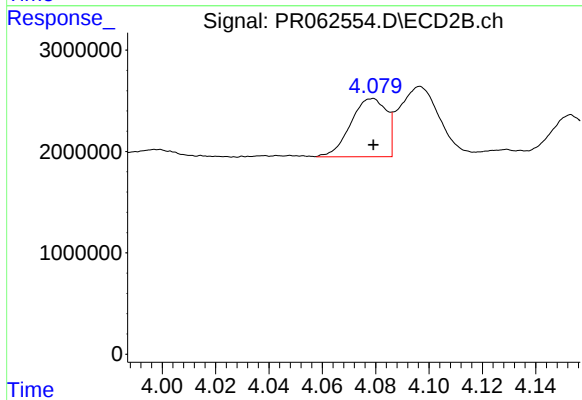
R.T.: 8.236 min
Delta R.T.: 0.000 min
Response: 78959339
Conc: 19.03 ng/ml



#3 AR-1016-1

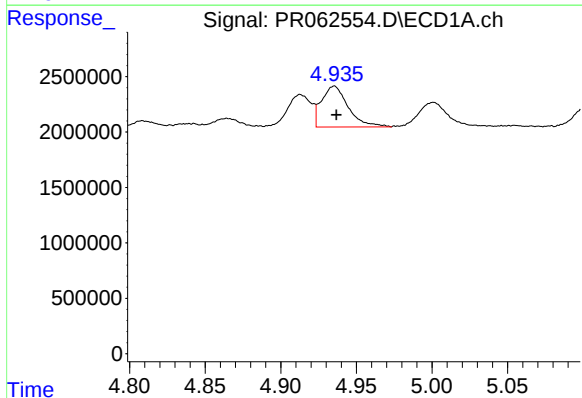
R.T.: 4.913 min
Delta R.T.: -0.001 min
Response: 3236143
Conc: 48.19 ng/ml

Instrument :
ECD_R
ClientSampleId :



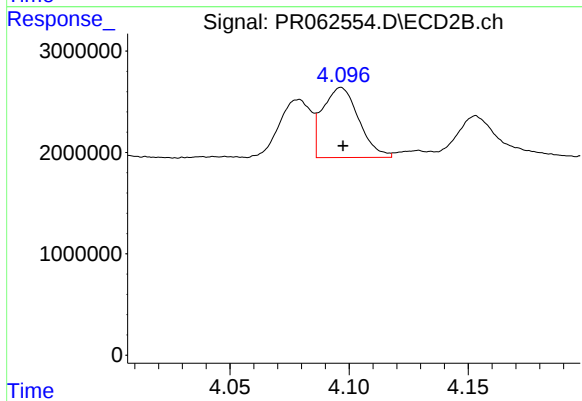
#3 AR-1016-1

R.T.: 4.079 min
Delta R.T.: 0.000 min
Response: 5341391
Conc: 49.24 ng/ml



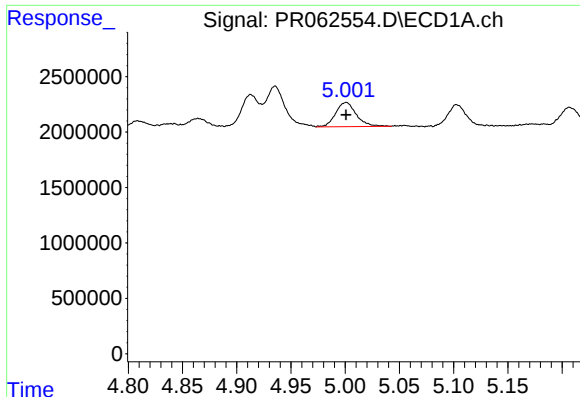
#4 AR-1016-2

R.T.: 4.935 min
Delta R.T.: -0.001 min
Response: 4554047
Conc: 47.16 ng/ml



#4 AR-1016-2

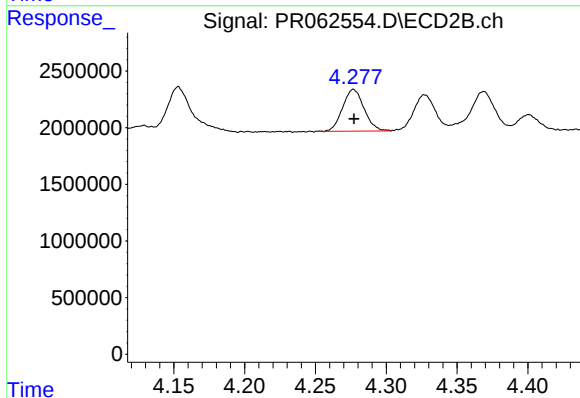
R.T.: 4.097 min
Delta R.T.: 0.000 min
Response: 7301989
Conc: 47.83 ng/ml



#5 AR-1016-3

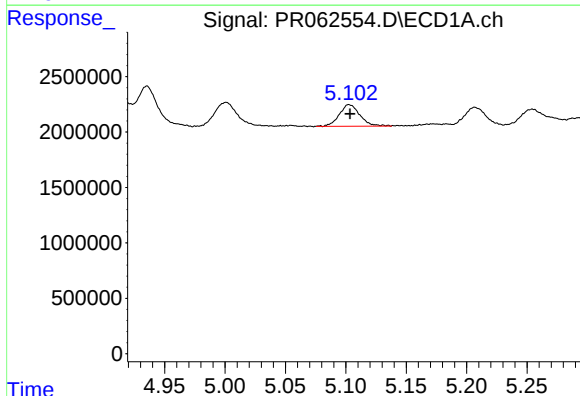
R.T.: 5.001 min
Delta R.T.: 0.000 min
Response: 2898535
Conc: 47.05 ng/ml

Instrument :
ECD_R
ClientSampleId :



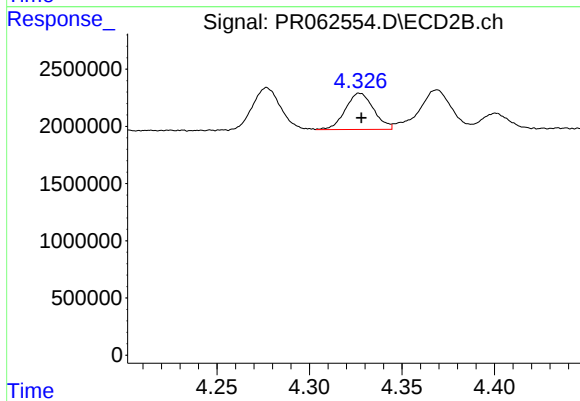
#5 AR-1016-3

R.T.: 4.277 min
Delta R.T.: 0.000 min
Response: 3904656
Conc: 46.60 ng/ml



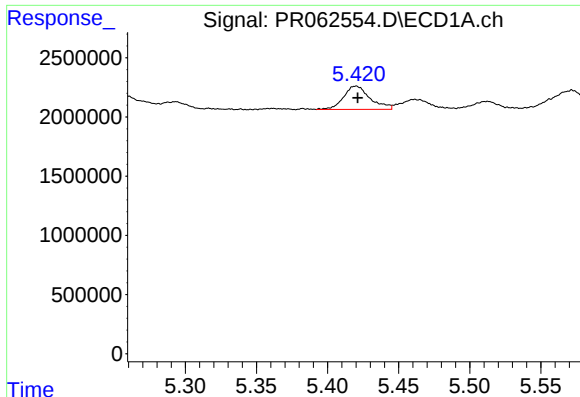
#6 AR-1016-4

R.T.: 5.103 min
Delta R.T.: 0.000 min
Response: 2299352
Conc: 47.18 ng/ml



#6 AR-1016-4

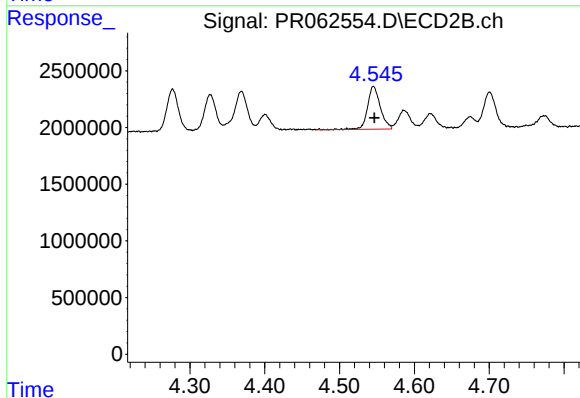
R.T.: 4.327 min
Delta R.T.: 0.000 min
Response: 3385874
Conc: 49.90 ng/ml



#7 AR-1016-5

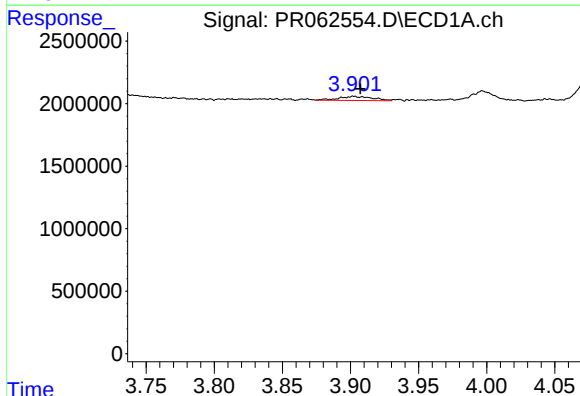
R.T.: 5.420 min
Delta R.T.: -0.001 min
Response: 2551772
Conc: 48.91 ng/ml

Instrument :
ECD_R
ClientSampleId :



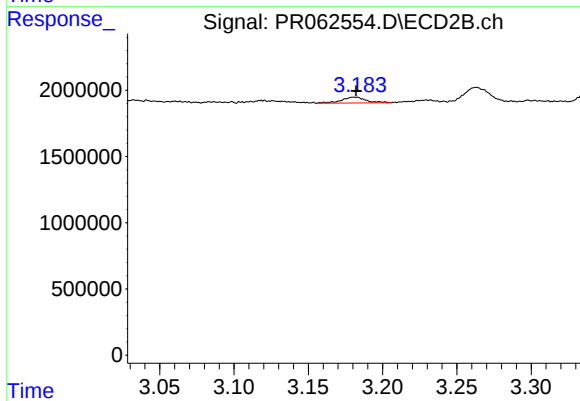
#7 AR-1016-5

R.T.: 4.545 min
Delta R.T.: -0.001 min
Response: 4479898
Conc: 49.24 ng/ml



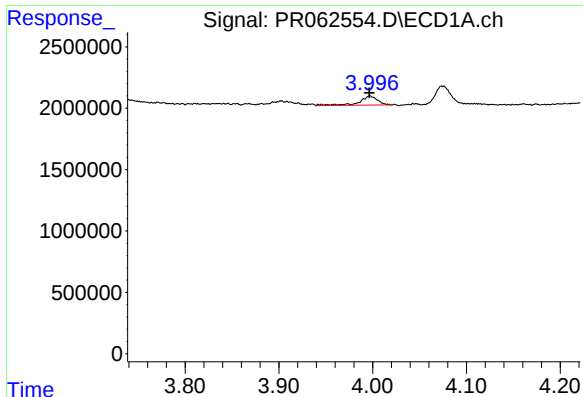
#8 AR-1221-1

R.T.: 3.902 min
Delta R.T.: -0.005 min
Response: 576737
Conc: 23.58 ng/ml



#8 AR-1221-1

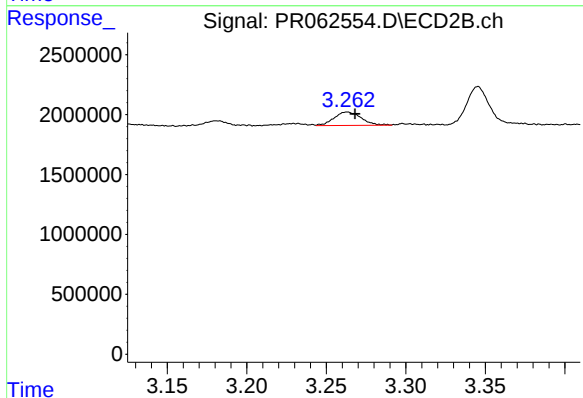
R.T.: 3.181 min
Delta R.T.: 0.000 min
Response: 520184
Conc: 13.75 ng/ml



#9 AR-1221-2

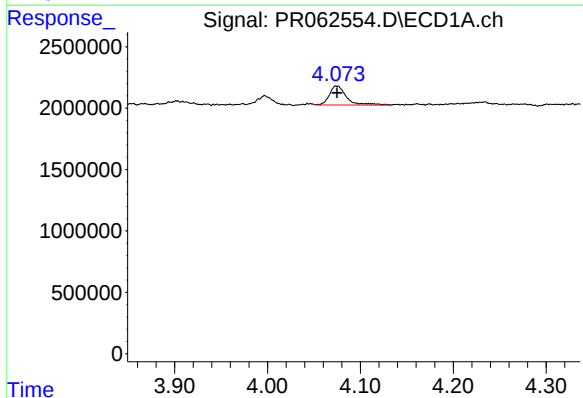
R.T.: 3.997 min
Delta R.T.: 0.000 min
Response: 982995
Conc: 63.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



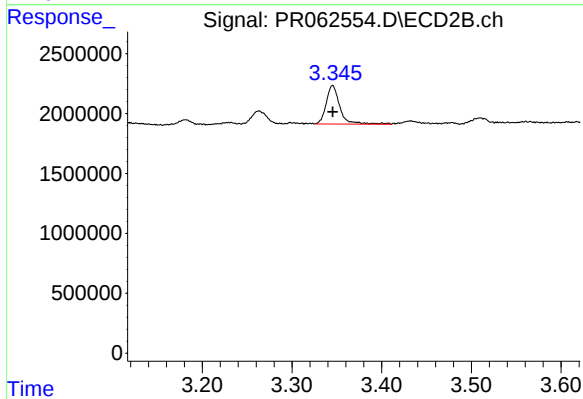
#9 AR-1221-2

R.T.: 3.263 min
Delta R.T.: -0.005 min
Response: 1340020
Conc: 37.11 ng/ml



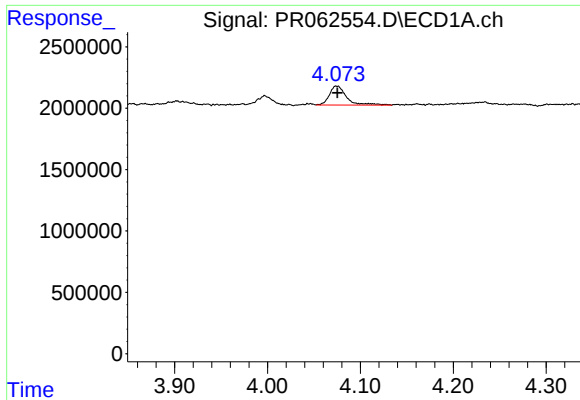
#10 AR-1221-3

R.T.: 4.075 min
Delta R.T.: 0.000 min
Response: 1984957
Conc: 33.07 ng/ml



#10 AR-1221-3

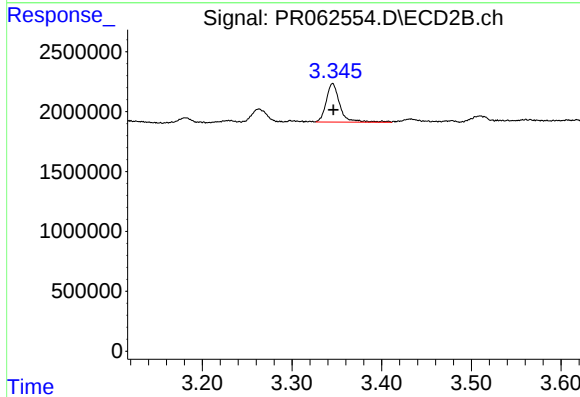
R.T.: 3.345 min
Delta R.T.: 0.000 min
Response: 3383418
Conc: 37.62 ng/ml



#11 AR-1232-1

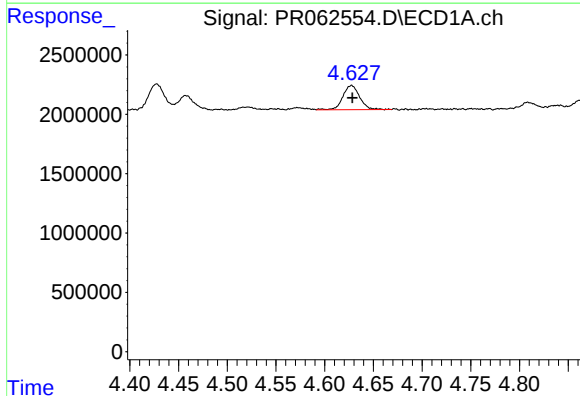
R.T.: 4.075 min
Delta R.T.: 0.000 min
Response: 1984957
Conc: 39.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



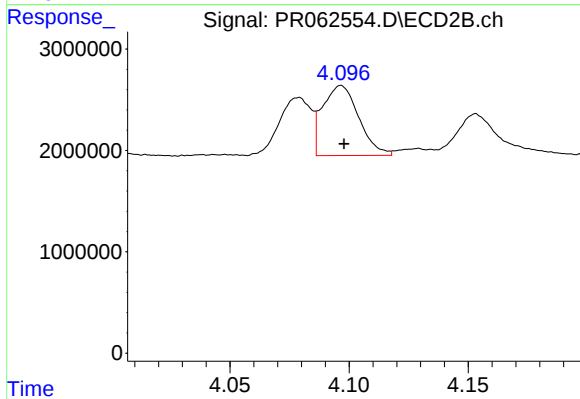
#11 AR-1232-1

R.T.: 3.345 min
Delta R.T.: 0.000 min
Response: 3383418
Conc: 45.18 ng/ml



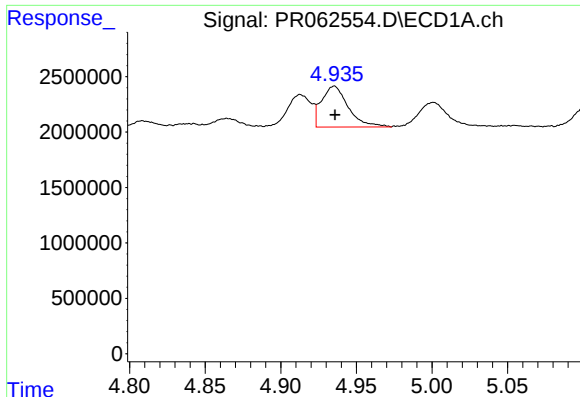
#12 AR-1232-2

R.T.: 4.628 min
Delta R.T.: 0.000 min
Response: 2437206
Conc: 98.69 ng/ml



#12 AR-1232-2

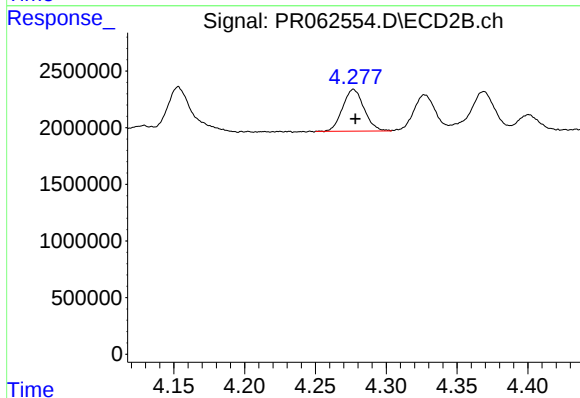
R.T.: 4.097 min
Delta R.T.: -0.001 min
Response: 7301989
Conc: 105.87 ng/ml



#13 AR-1232-3

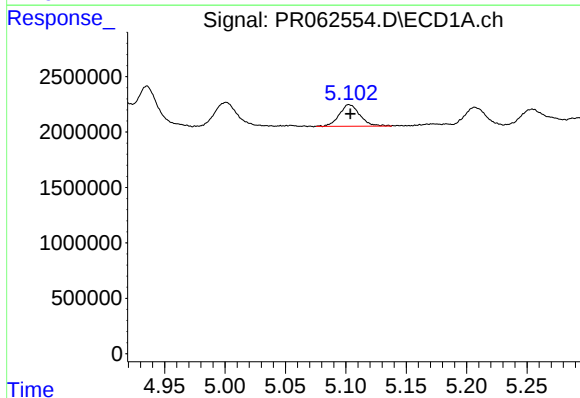
R.T.: 4.935 min
Delta R.T.: 0.000 min
Response: 4554047
Conc: 106.62 ng/ml

Instrument :
ECD_R
ClientSampleId :



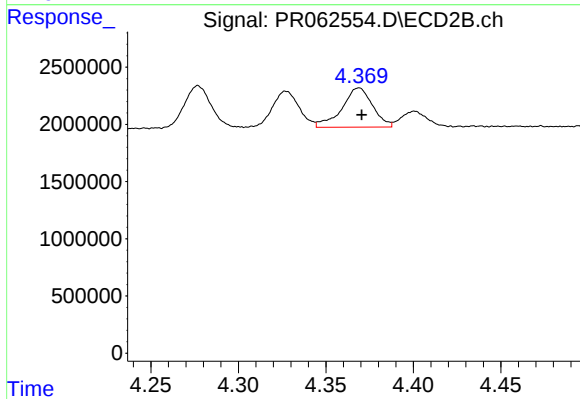
#13 AR-1232-3

R.T.: 4.277 min
Delta R.T.: -0.001 min
Response: 3904656
Conc: 105.22 ng/ml



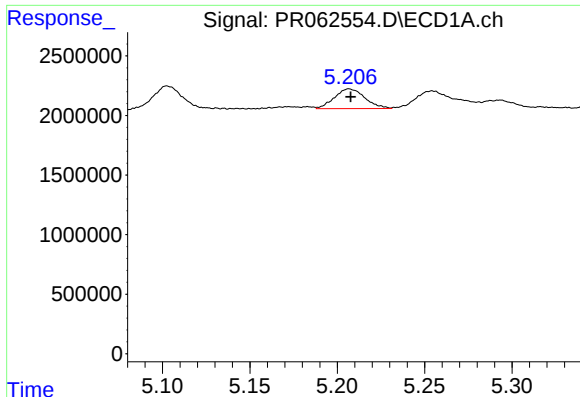
#14 AR-1232-4

R.T.: 5.103 min
Delta R.T.: -0.001 min
Response: 2299352
Conc: 108.77 ng/ml



#14 AR-1232-4

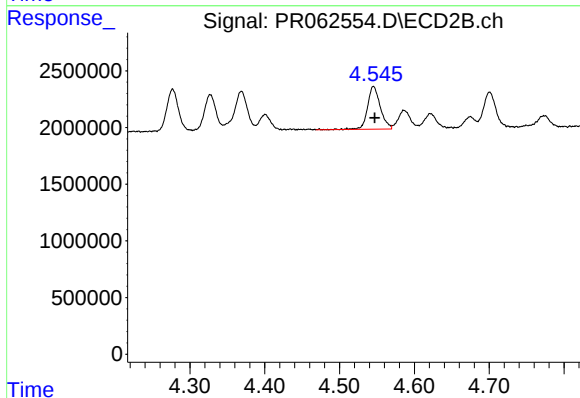
R.T.: 4.369 min
Delta R.T.: -0.002 min
Response: 4197874
Conc: 123.97 ng/ml



#15 AR-1232-5

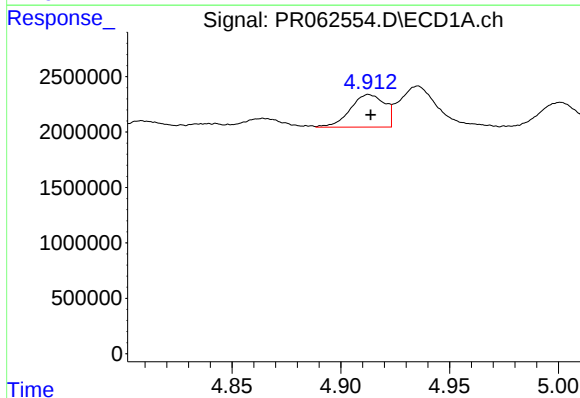
R.T.: 5.207 min
Delta R.T.: 0.000 min
Response: 2011568
Conc: 115.67 ng/ml

Instrument :
ECD_R
ClientSampleId :



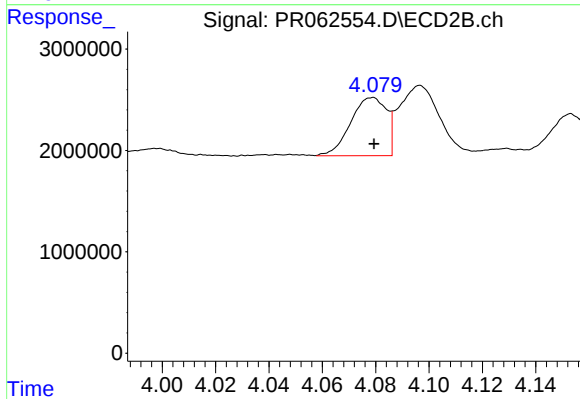
#15 AR-1232-5

R.T.: 4.545 min
Delta R.T.: -0.002 min
Response: 4479898
Conc: 114.01 ng/ml



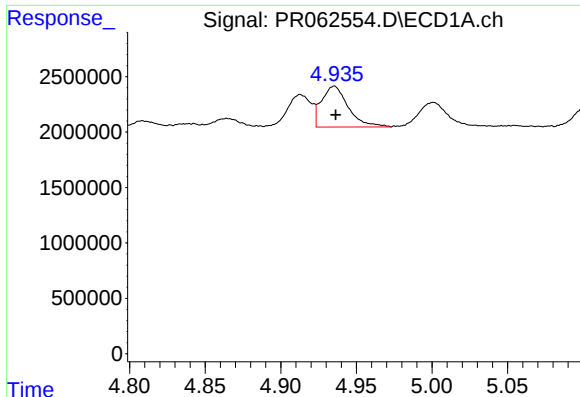
#16 AR-1242-1

R.T.: 4.913 min
Delta R.T.: 0.000 min
Response: 3236143
Conc: 58.06 ng/ml



#16 AR-1242-1

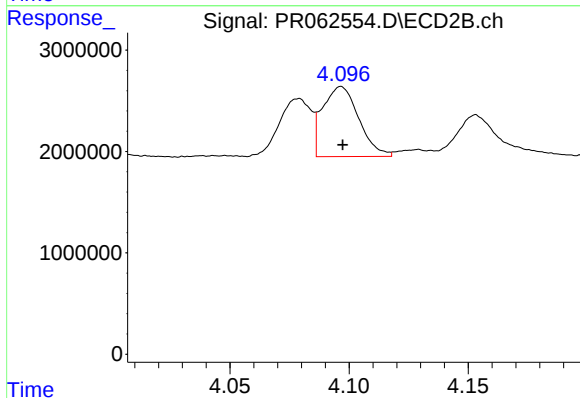
R.T.: 4.079 min
Delta R.T.: 0.000 min
Response: 5341391
Conc: 59.37 ng/ml



#17 AR-1242-2

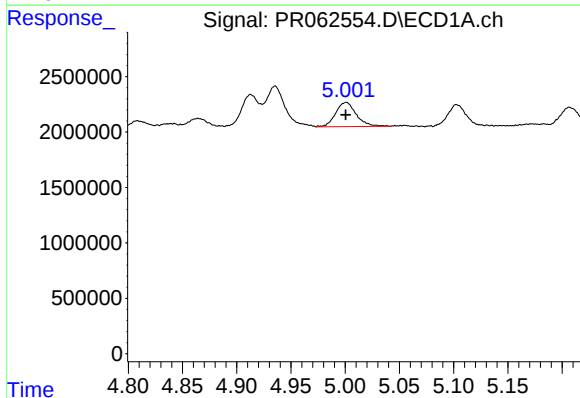
R.T.: 4.935 min
Delta R.T.: 0.000 min
Response: 4554047
Conc: 56.73 ng/ml

Instrument :
ECD_R
ClientSampleId :



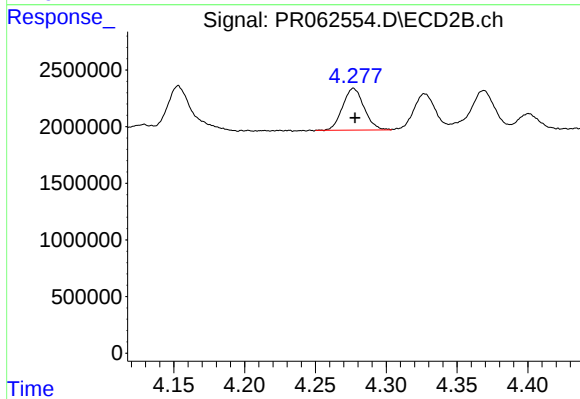
#17 AR-1242-2

R.T.: 4.097 min
Delta R.T.: 0.000 min
Response: 7301989
Conc: 58.24 ng/ml



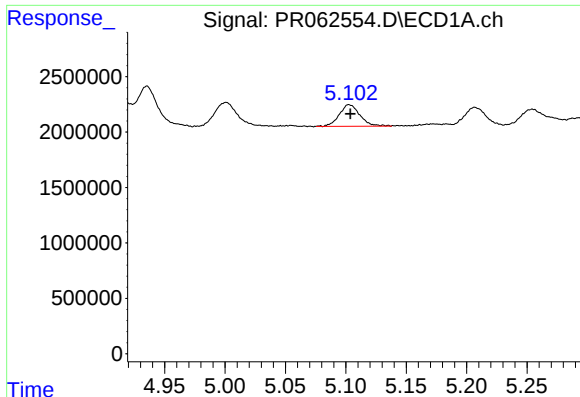
#18 AR-1242-3

R.T.: 5.001 min
Delta R.T.: 0.000 min
Response: 2898535
Conc: 56.28 ng/ml



#18 AR-1242-3

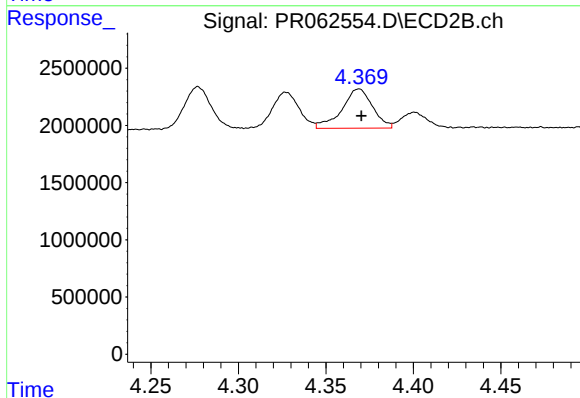
R.T.: 4.277 min
Delta R.T.: -0.001 min
Response: 3904656
Conc: 56.43 ng/ml



#19 AR-1242-4

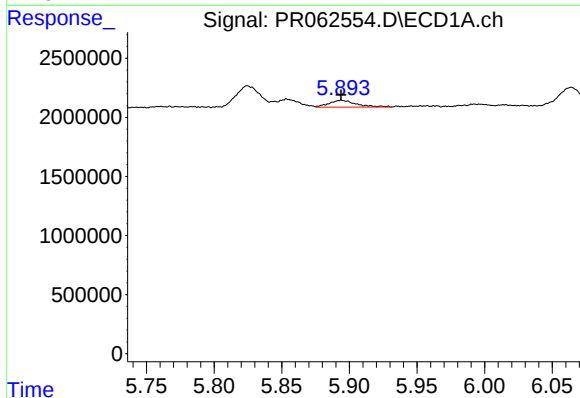
R.T.: 5.103 min
Delta R.T.: 0.000 min
Response: 2299352
Conc: 56.89 ng/ml

Instrument :
ECD_R
ClientSampleId :



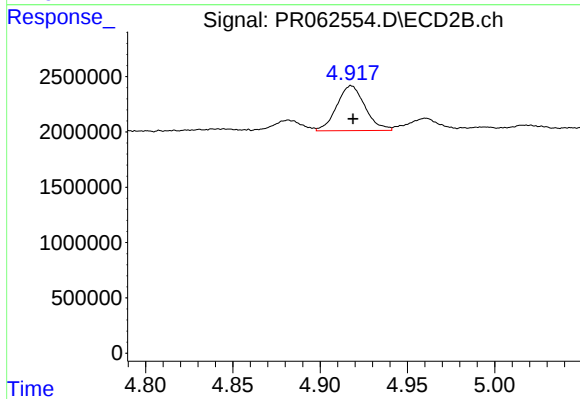
#19 AR-1242-4

R.T.: 4.369 min
Delta R.T.: -0.001 min
Response: 4197874
Conc: 61.22 ng/ml



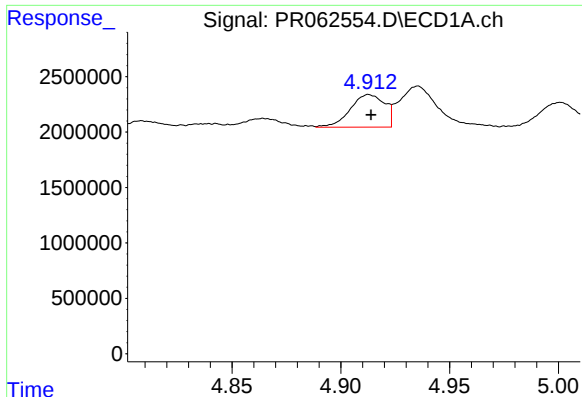
#20 AR-1242-5

R.T.: 5.894 min
Delta R.T.: 0.000 min
Response: 802173
Conc: 18.72 ng/ml



#20 AR-1242-5

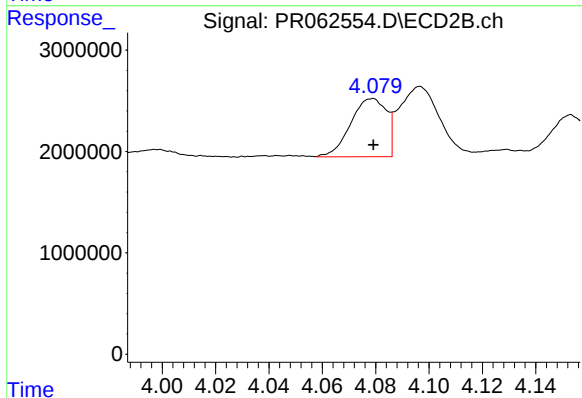
R.T.: 4.918 min
Delta R.T.: 0.000 min
Response: 4591150
Conc: 51.28 ng/ml



#21 AR-1248-1

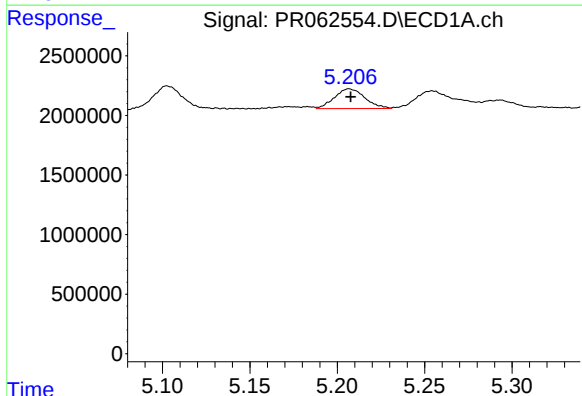
R.T.: 4.913 min
Delta R.T.: 0.000 min
Response: 3236143
Conc: 78.79 ng/ml

Instrument :
ECD_R
ClientSampleId :



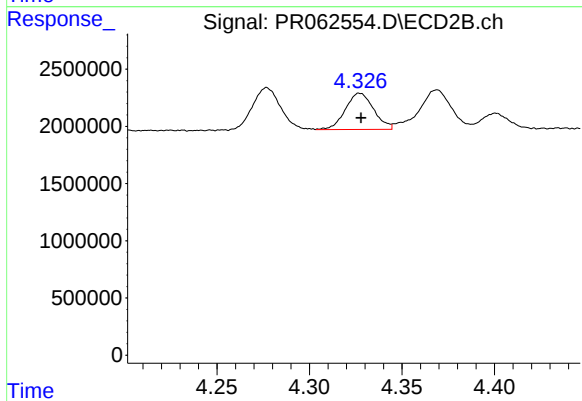
#21 AR-1248-1

R.T.: 4.079 min
Delta R.T.: 0.000 min
Response: 5341391
Conc: 79.83 ng/ml



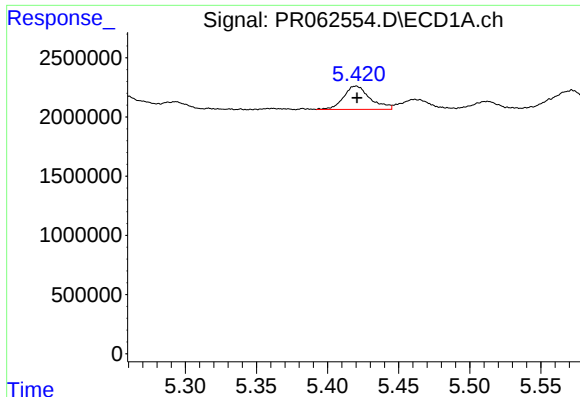
#22 AR-1248-2

R.T.: 5.207 min
Delta R.T.: 0.000 min
Response: 2011568
Conc: 33.21 ng/ml



#22 AR-1248-2

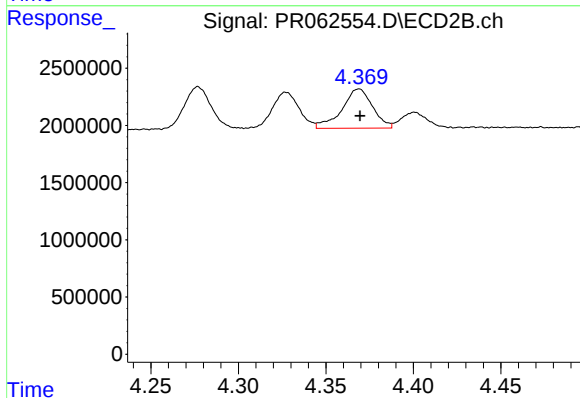
R.T.: 4.327 min
Delta R.T.: 0.000 min
Response: 3385874
Conc: 35.33 ng/ml



#23 AR-1248-3

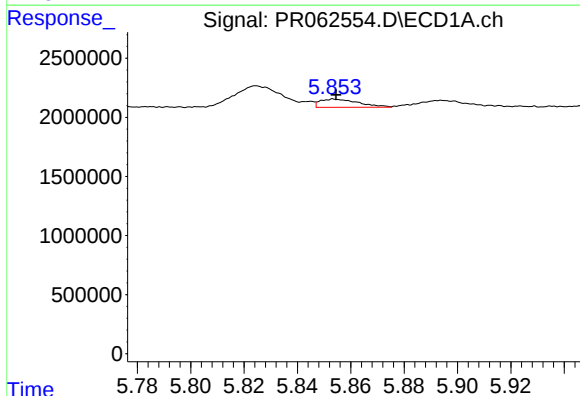
R.T.: 5.420 min
Delta R.T.: 0.000 min
Response: 2551772
Conc: 36.39 ng/ml

Instrument :
ECD_R
ClientSampleId :



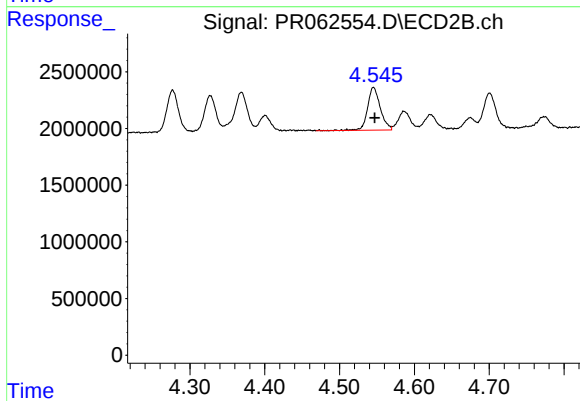
#23 AR-1248-3

R.T.: 4.369 min
Delta R.T.: 0.000 min
Response: 4197874
Conc: 42.52 ng/ml



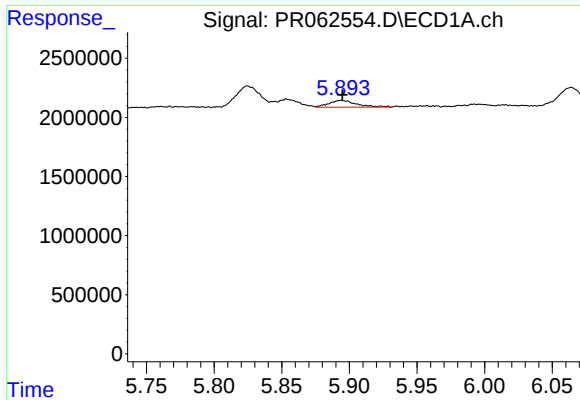
#24 AR-1248-4

R.T.: 5.854 min
Delta R.T.: 0.000 min
Response: 694350
Conc: 9.60 ng/ml



#24 AR-1248-4

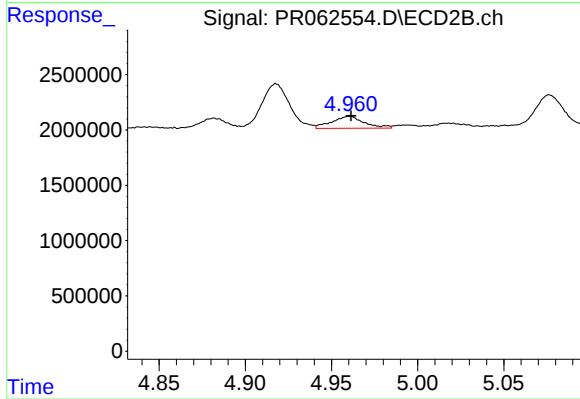
R.T.: 4.545 min
Delta R.T.: -0.002 min
Response: 4479898
Conc: 37.76 ng/ml



#25 AR-1248-5

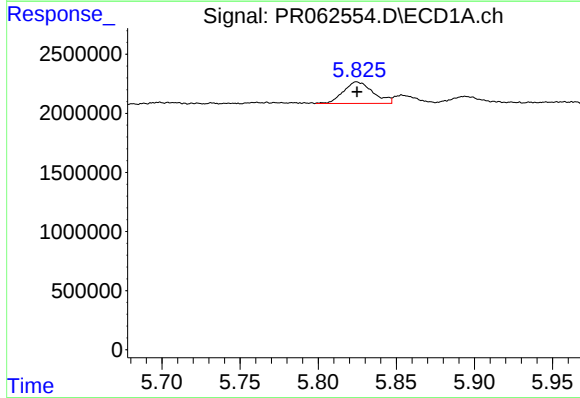
R.T.: 5.894 min
Delta R.T.: 0.000 min
Response: 802173
Conc: 11.33 ng/ml

Instrument :
ECD_R
ClientSampleId :



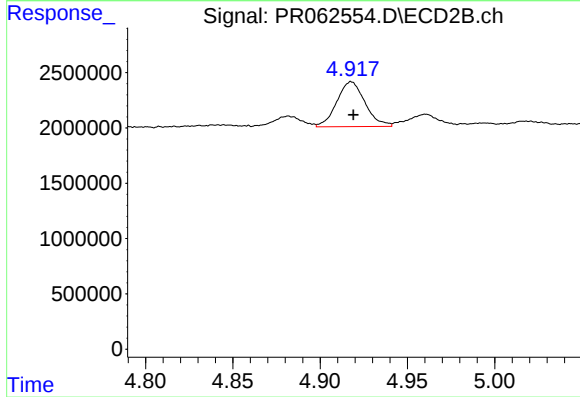
#25 AR-1248-5

R.T.: 4.960 min
Delta R.T.: 0.000 min
Response: 1419242
Conc: 11.88 ng/ml



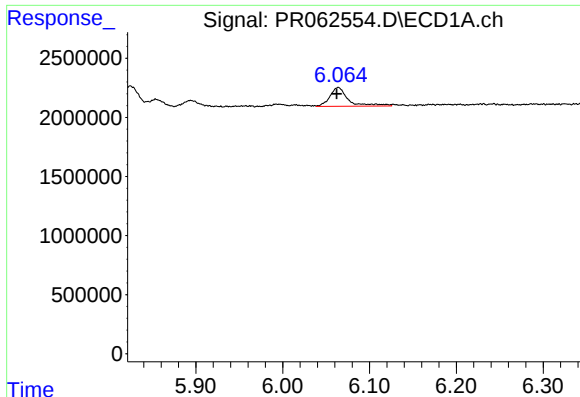
#26 AR-1254-1

R.T.: 5.825 min
Delta R.T.: 0.000 min
Response: 2389001
Conc: 29.89 ng/ml



#26 AR-1254-1

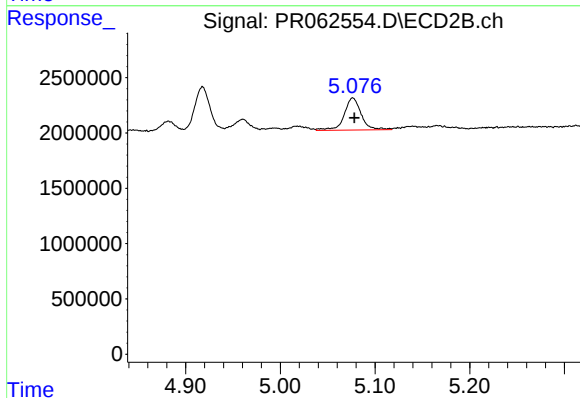
R.T.: 4.918 min
Delta R.T.: -0.001 min
Response: 4591150
Conc: 25.63 ng/ml



#27 AR-1254-2

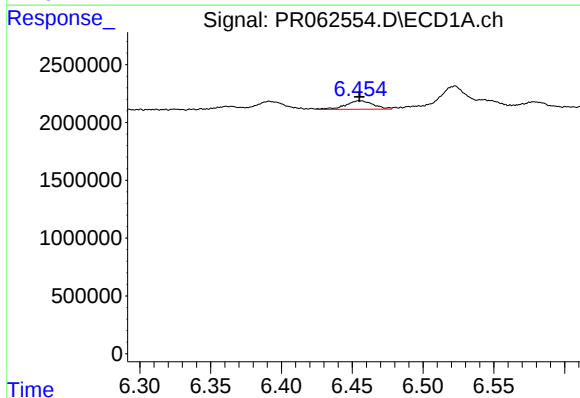
R.T.: 6.064 min
Delta R.T.: 0.002 min
Response: 2345873
Conc: 19.65 ng/ml

Instrument :
ECD_R
ClientSampleId :



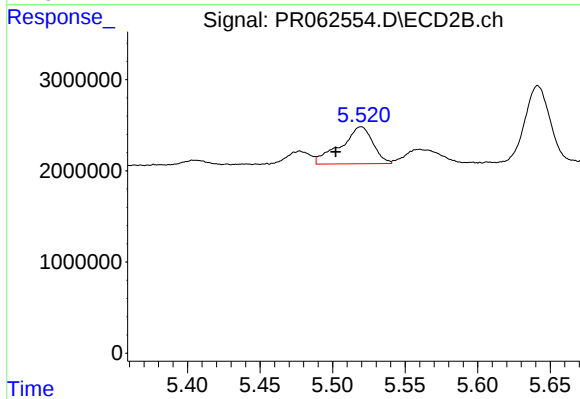
#27 AR-1254-2

R.T.: 5.077 min
Delta R.T.: -0.002 min
Response: 3665682
Conc: 23.44 ng/ml



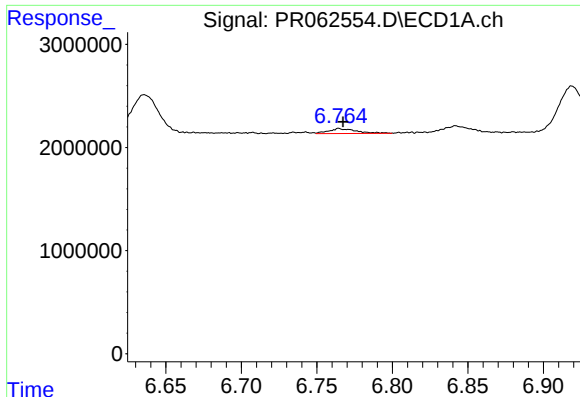
#28 AR-1254-3

R.T.: 6.455 min
Delta R.T.: 0.000 min
Response: 999542
Conc: 8.45 ng/ml



#28 AR-1254-3

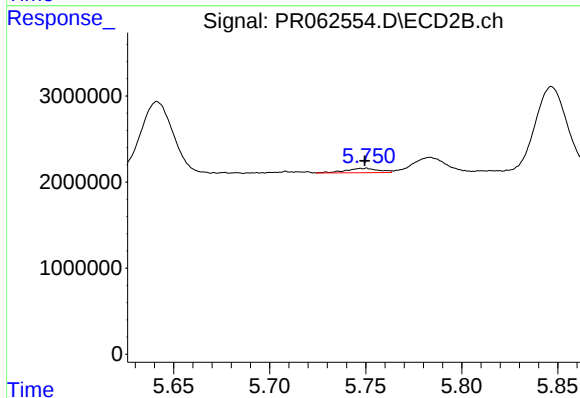
R.T.: 5.520 min
Delta R.T.: 0.017 min
Response: 6299329
Conc: 24.26 ng/ml



#29 AR-1254-4

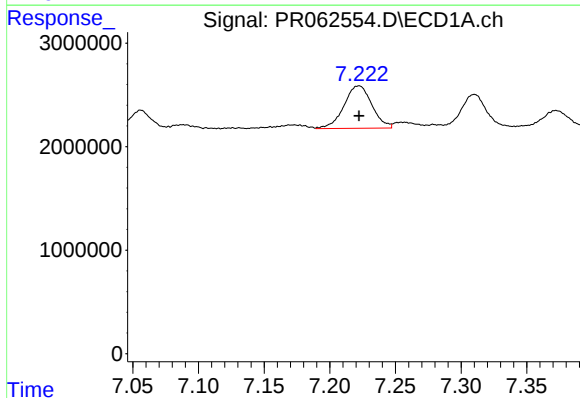
R.T.: 6.765 min
Delta R.T.: -0.003 min
Response: 599628
Conc: 7.20 ng/ml

Instrument :
ECD_R
ClientSampleId :



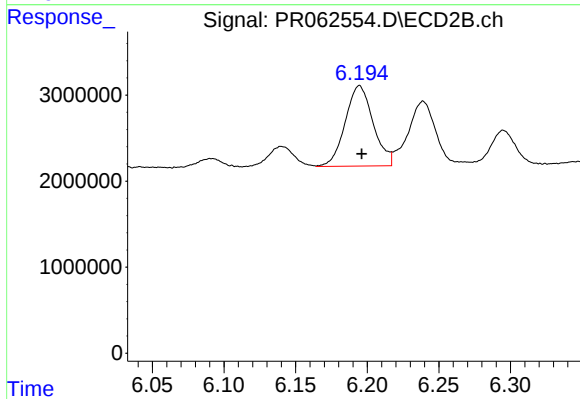
#29 AR-1254-4

R.T.: 5.750 min
Delta R.T.: 0.000 min
Response: 614033
Conc: 3.67 ng/ml



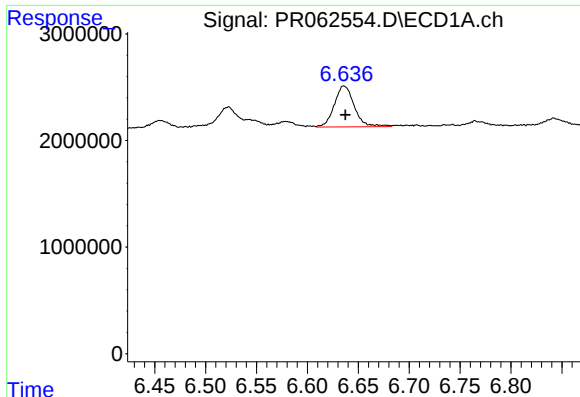
#30 AR-1254-5

R.T.: 7.222 min
Delta R.T.: 0.000 min
Response: 6073980
Conc: 67.57 ng/ml



#30 AR-1254-5

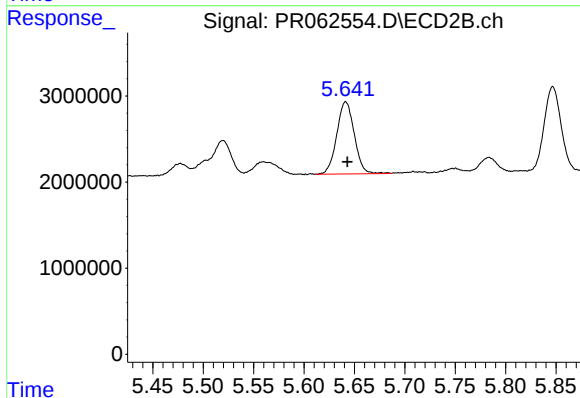
R.T.: 6.195 min
Delta R.T.: -0.002 min
Response: 12704800
Conc: 51.09 ng/ml



#31 AR-1260-1

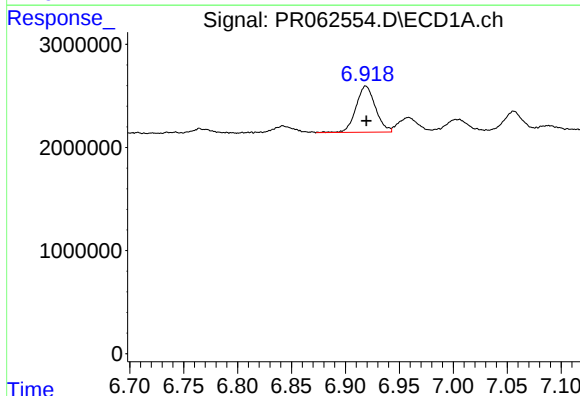
R.T.: 6.636 min
Delta R.T.: -0.002 min
Response: 5263747
Conc: 50.99 ng/ml

Instrument :
ECD_R
ClientSampleId :



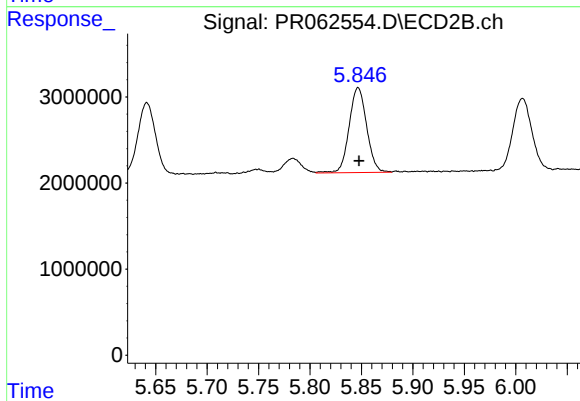
#31 AR-1260-1

R.T.: 5.642 min
Delta R.T.: -0.001 min
Response: 10170561
Conc: 52.28 ng/ml



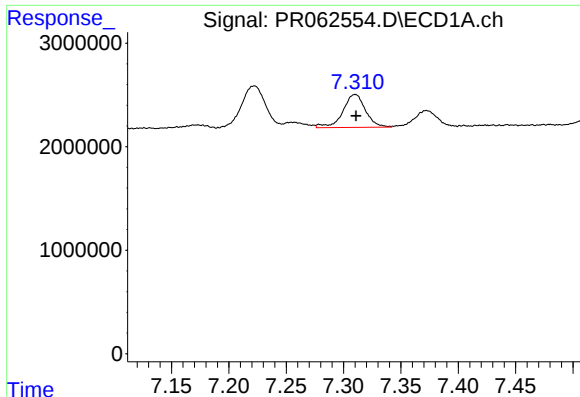
#32 AR-1260-2

R.T.: 6.919 min
Delta R.T.: 0.000 min
Response: 5629723
Conc: 51.32 ng/ml



#32 AR-1260-2

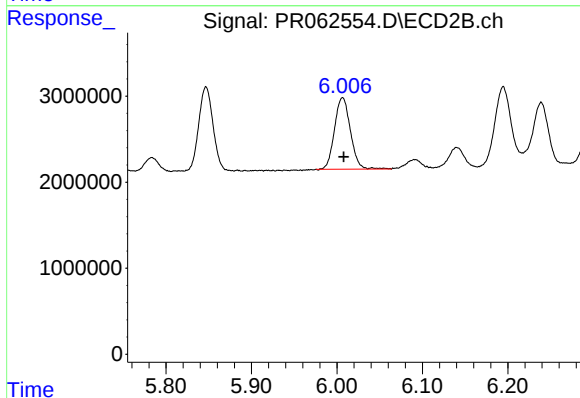
R.T.: 5.847 min
Delta R.T.: 0.000 min
Response: 11702935
Conc: 49.23 ng/ml



#33 AR-1260-3

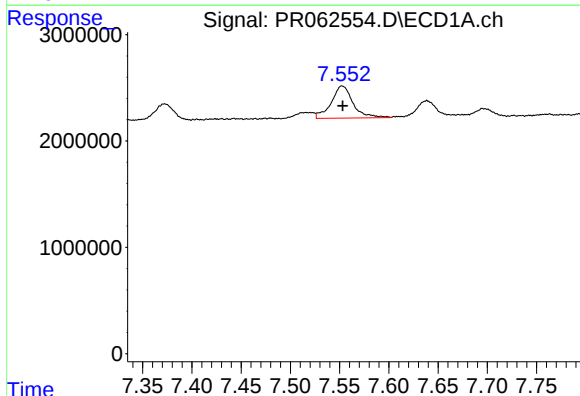
R.T.: 7.310 min
Delta R.T.: 0.000 min
Response: 4391010
Conc: 53.86 ng/ml

Instrument :
ECD_R
ClientSampleId :



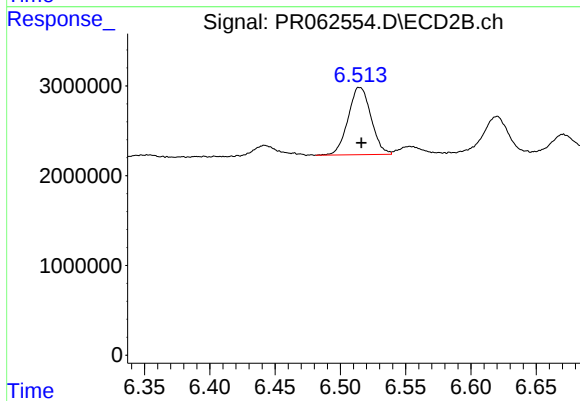
#33 AR-1260-3

R.T.: 6.007 min
Delta R.T.: -0.001 min
Response: 10747204
Conc: 47.65 ng/ml



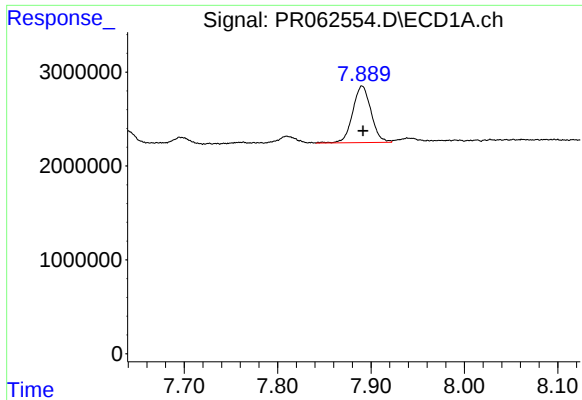
#34 AR-1260-4

R.T.: 7.553 min
Delta R.T.: 0.000 min
Response: 4679894
Conc: 52.04 ng/ml



#34 AR-1260-4

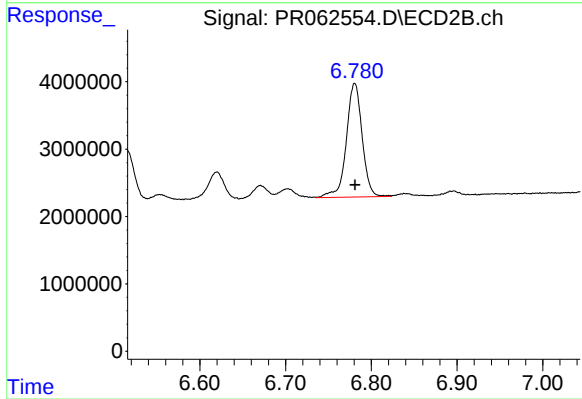
R.T.: 6.515 min
Delta R.T.: -0.001 min
Response: 9147657
Conc: 46.18 ng/ml



#35 AR-1260-5

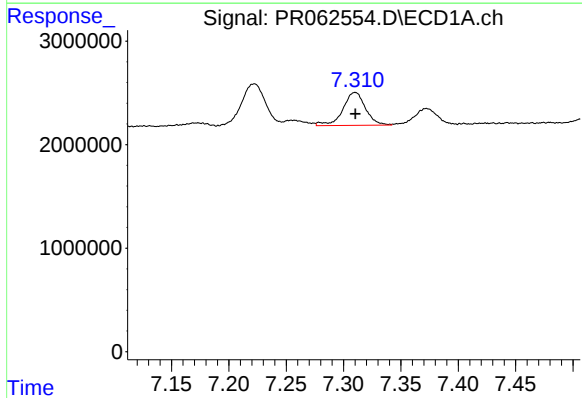
R.T.: 7.891 min
Delta R.T.: -0.001 min
Response: 8252790
Conc: 50.93 ng/ml

Instrument :
ECD_R
ClientSampleId :



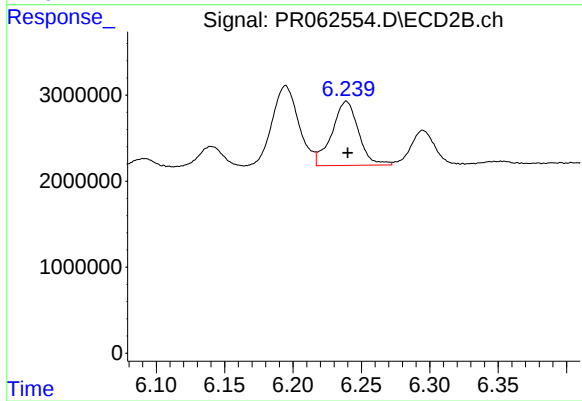
#35 AR-1260-5

R.T.: 6.781 min
Delta R.T.: 0.000 min
Response: 21619098
Conc: 46.65 ng/ml



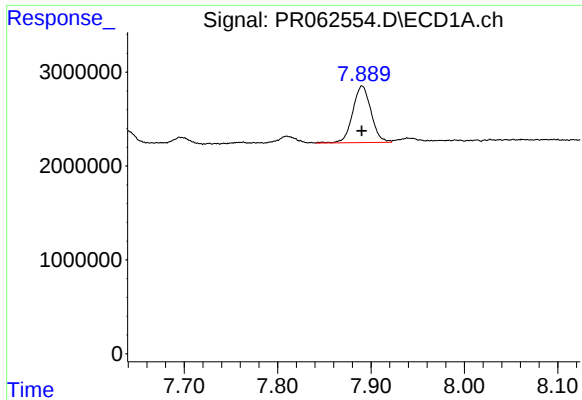
#36 AR-1262-1

R.T.: 7.310 min
Delta R.T.: 0.000 min
Response: 4391010
Conc: 38.25 ng/ml



#36 AR-1262-1

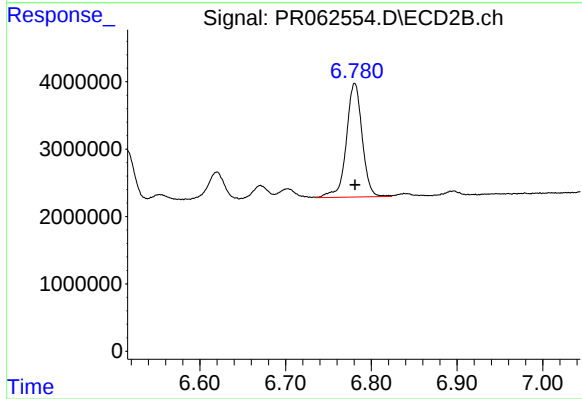
R.T.: 6.239 min
Delta R.T.: 0.000 min
Response: 10114323
Conc: 38.85 ng/ml



#37 AR-1262-2

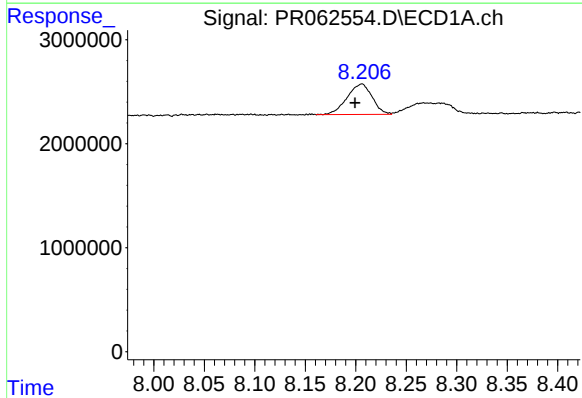
R.T.: 7.891 min
Delta R.T.: 0.000 min
Response: 8252790
Conc: 45.67 ng/ml

Instrument :
ECD_R
ClientSampleId :



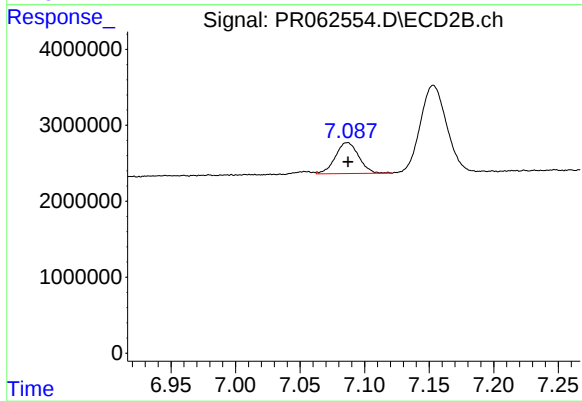
#37 AR-1262-2

R.T.: 6.781 min
Delta R.T.: 0.000 min
Response: 21619098
Conc: 44.48 ng/ml



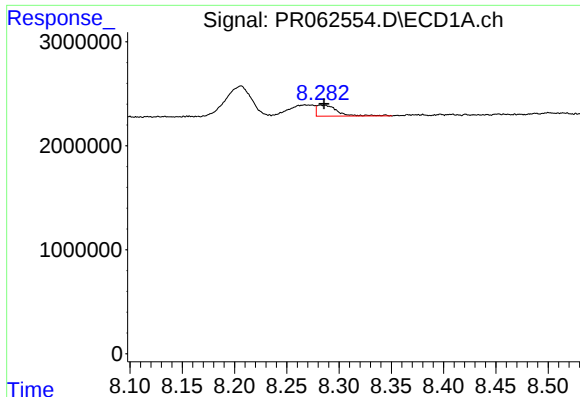
#38 AR-1262-3

R.T.: 8.206 min
Delta R.T.: 0.007 min
Response: 5076577
Conc: 40.02 ng/ml



#38 AR-1262-3

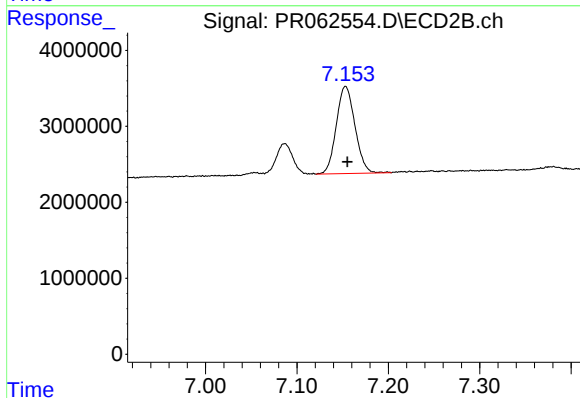
R.T.: 7.087 min
Delta R.T.: 0.000 min
Response: 5155753
Conc: 25.95 ng/ml



#39 AR-1262-4

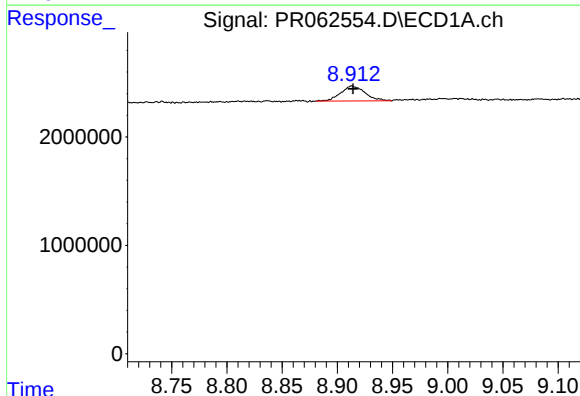
R.T.: 8.283 min
Delta R.T.: -0.003 min
Response: 1444891
Conc: 14.32 ng/ml

Instrument :
ECD_R
ClientSampleId :



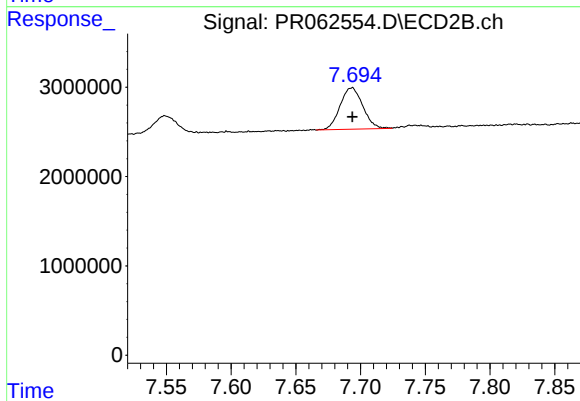
#39 AR-1262-4

R.T.: 7.153 min
Delta R.T.: -0.002 min
Response: 16310620
Conc: 43.81 ng/ml



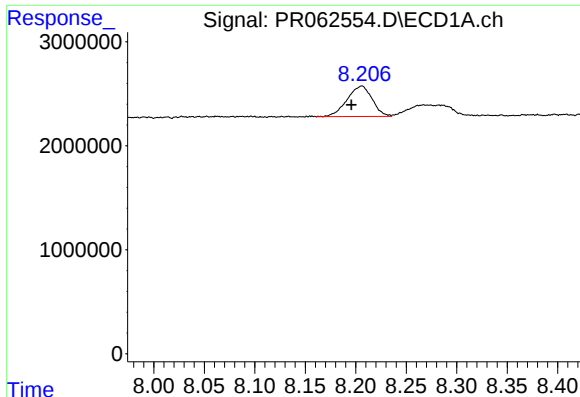
#40 AR-1262-5

R.T.: 8.913 min
Delta R.T.: -0.001 min
Response: 2121156
Conc: 32.92 ng/ml



#40 AR-1262-5

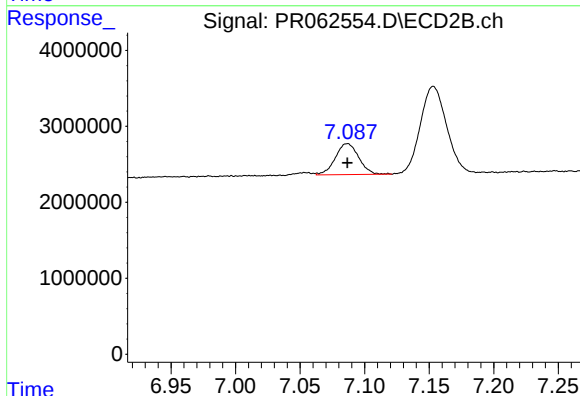
R.T.: 7.693 min
Delta R.T.: 0.000 min
Response: 5695161
Conc: 32.12 ng/ml



#41 AR-1268-1

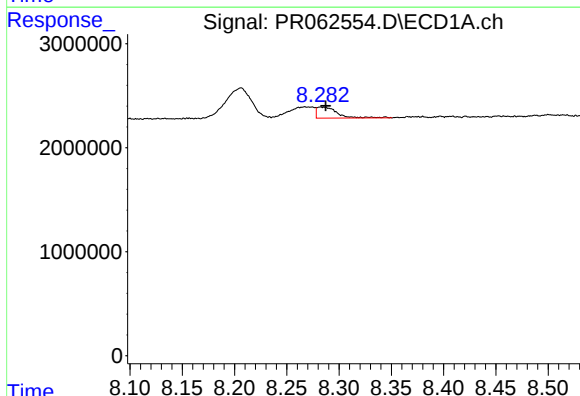
R.T.: 8.206 min
Delta R.T.: 0.010 min
Response: 5076577
Conc: 23.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



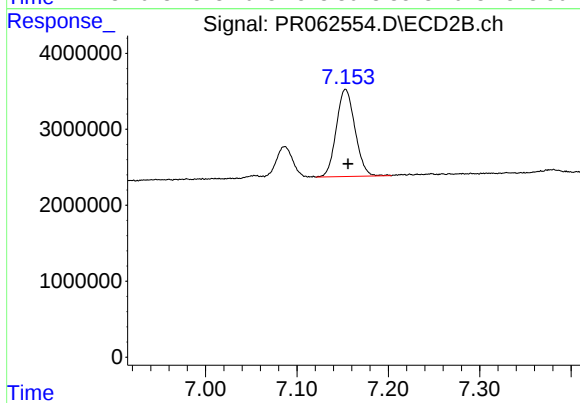
#41 AR-1268-1

R.T.: 7.087 min
Delta R.T.: 0.000 min
Response: 5155753
Conc: 8.85 ng/ml



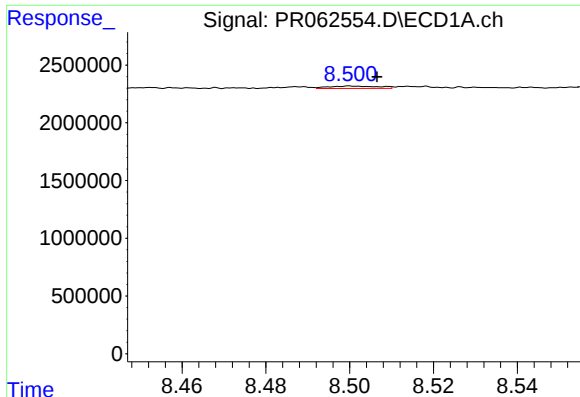
#42 AR-1268-2

R.T.: 8.283 min
Delta R.T.: -0.005 min
Response: 1444891
Conc: 7.14 ng/ml



#42 AR-1268-2

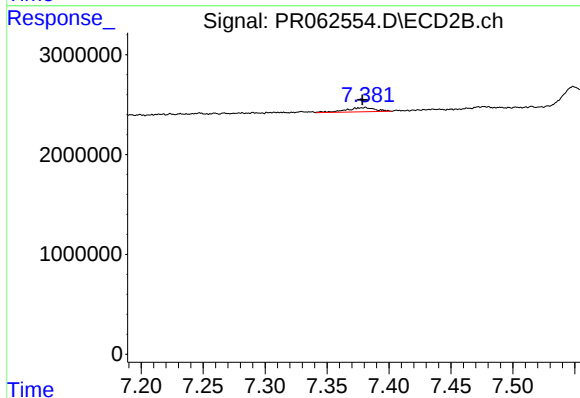
R.T.: 7.153 min
Delta R.T.: -0.003 min
Response: 16310620
Conc: 30.28 ng/ml



#43 AR-1268-3

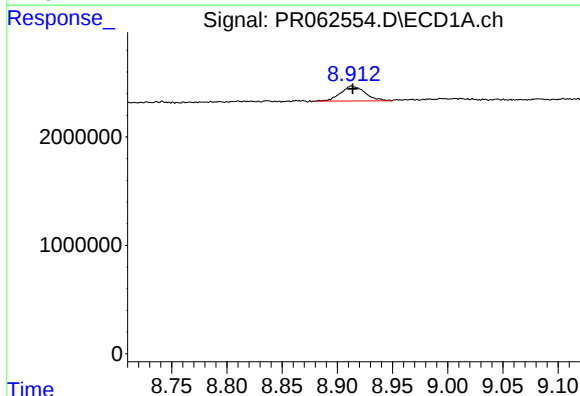
R.T.: 8.501 min
Delta R.T.: -0.006 min
Response: 166451
Conc: 0.94 ng/ml

Instrument :
ECD_R
ClientSampleId :



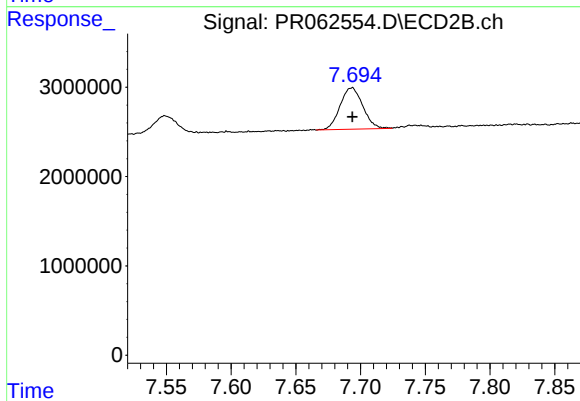
#43 AR-1268-3

R.T.: 7.381 min
Delta R.T.: 0.002 min
Response: 680912
Conc: 1.44 ng/ml



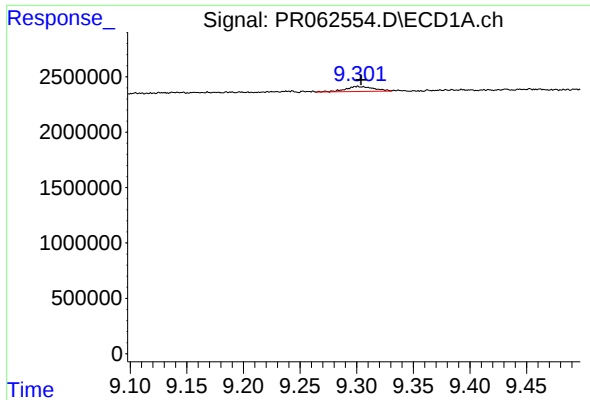
#44 AR-1268-4

R.T.: 8.913 min
Delta R.T.: 0.000 min
Response: 2121156
Conc: 30.64 ng/ml



#44 AR-1268-4

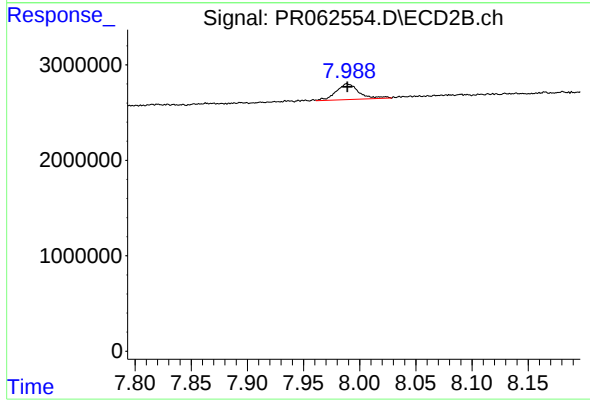
R.T.: 7.693 min
Delta R.T.: 0.000 min
Response: 5695161
Conc: 28.81 ng/ml



#45 AR-1268-5

R.T.: 9.301 min
Delta R.T.: -0.003 min
Response: 794315
Conc: 1.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.989 min
Delta R.T.: 0.000 min
Response: 2339046
Conc: 1.56 ng/ml