

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR052824\
 Data File : PR067075.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 May 2024 12:17
 Operator : AJ\MA
 Sample : AR1254CCC400
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR12543282

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 29 02:04:42 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR052124CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed May 22 04:28:16 2024
 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...	3.650	2.892	130.7E6	105.1E6	21.307	22.575
2)	SA Decachlor...	9.529	8.116	57426916	94447528	44.227	42.421
Target Compounds							
3)	L1 AR-1016-1	4.869	3.999	2193304	1903100	13.674	12.677
4)	L1 AR-1016-2	4.897	4.017	3257071	1794313	12.686	8.098 #
5)	L1 AR-1016-3	4.953	4.195	1642688	1451100	9.543	11.778
6)	L1 AR-1016-4	5.056	4.245	1175610	47248258	8.863	452.395 #
7)	L1 AR-1016-5	5.371	4.460	29023273	28966497	215.046	218.705
8)	L2 AR-1221-1	0.000	3.116	0	219146	N.D.	3.946 #
9)	L2 AR-1221-2	3.962	3.192	1817012	1581726	38.930	39.515
10)	L2 AR-1221-3	4.038	3.277	970925	806136	6.436	6.388
11)	L3 AR-1232-1	4.038	3.277	970925	806136	7.652	7.533
12)	L3 AR-1232-2	4.585	4.017	1208002	1794313	17.002	17.319
13)	L3 AR-1232-3	4.897	4.195	3257071	1451100	28.505	26.241
14)	L3 AR-1232-4	5.056	4.285	1175610	14720338	20.314	287.950 #
15)	L3 AR-1232-5	5.159	4.460	50337091	28966497	1131.080	522.979 #
16)	L4 AR-1242-1	4.869	3.999	2193304	1903100	17.782	16.021
17)	L4 AR-1242-2	4.897	4.017	3257071	1794313	16.573	10.116 #
18)	L4 AR-1242-3	4.953	4.195	1642688	1451100	12.246	14.774
19)	L4 AR-1242-4	5.056	4.285	1175610	14720338	11.363	148.615 #
20)	L4 AR-1242-5	5.845	4.827	28845178	112.4E6	274.173	953.705 #
21)	L5 AR-1248-1	4.869	3.999	2193304	1903100	24.136	21.046
22)	L5 AR-1248-2	5.159	4.245	50337091	47248258	338.146	338.073
23)	L5 AR-1248-3	5.371	4.285	29023273	14720338	169.922	105.264 #
24)	L5 AR-1248-4	5.803	4.460	37434454	28966497	237.395	172.890 #
25)	L5 AR-1248-5	5.845	4.870	28845178	13633961	161.976	88.247 #
26)	L6 AR-1254-1	5.773	4.827	83089425	112.4E6	435.873	460.025
27)	L6 AR-1254-2	6.010	4.986	124.7E6	99374871	444.283	459.062
28)	L6 AR-1254-3	6.400	5.405	122.4E6	158.3E6	456.511	465.298
29)	L6 AR-1254-4	6.711	5.651	77549371	92841228	481.379	473.110
30)	L6 AR-1254-5	7.164	6.093	87013540	143.8E6	453.181	466.994
31)	L7 AR-1260-1	6.579	5.546	49926668	79949461	204.749	306.868 #
32)	L7 AR-1260-2	6.861	5.749	52621086	67117492	203.253	218.897
33)	L7 AR-1260-3	7.225	5.903	14203022	66561790	71.480	227.068 #
34)	L7 AR-1260-4	7.472	6.410	33746380	7727415	161.556	30.905 #
35)	L7 AR-1260-5	7.829	6.674	10864169	17590626	31.740	32.224
36)	L8 AR-1262-1	7.225	6.164	14203022	12174756	54.885	36.730 #
37)	L8 AR-1262-2	7.829	6.674	10864169	17590626	31.325	31.606
38)	L8 AR-1262-3	8.143	6.979	7766582	680993	34.053	2.853 #
39)	L8 AR-1262-4	8.189	7.042	1555990	16357352	8.620	38.333 #
40)	L8 AR-1262-5	0.000	7.584	0	730980	N.D.	3.732 #
41)	L9 AR-1268-1	8.143	6.979	7766582	680993	18.721	1.023 #

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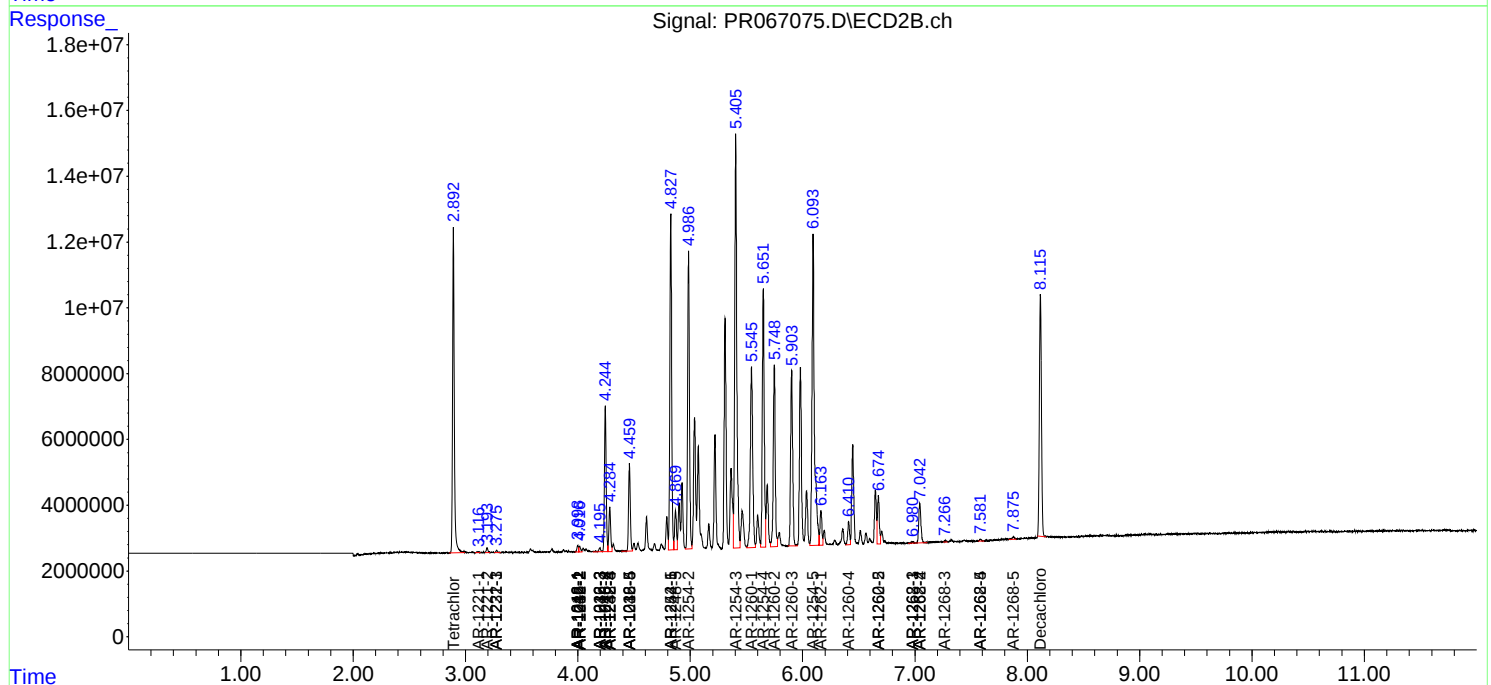
Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

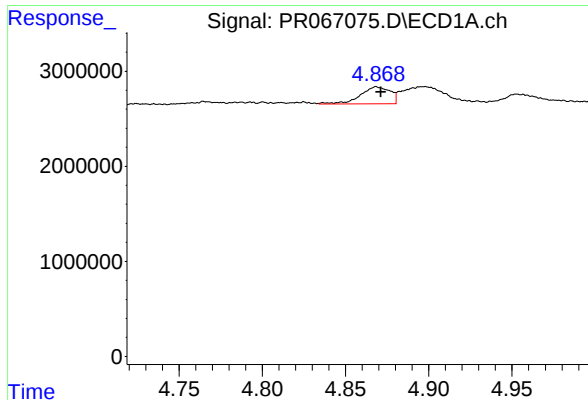
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.189	7.042	1555990	16357352	4.200	26.839 #
43) L9	AR-1268-3	0.000	7.267	0	417463	N.D.	0.781 #
44) L9	AR-1268-4	0.000	7.584	0	730980	N.D.	3.316 #
45) L9	AR-1268-5	9.219	7.877	856466	1117078	1.017	0.749 #

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

Instrument :
ECD_R
ClientSampleId :
AR12543282

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

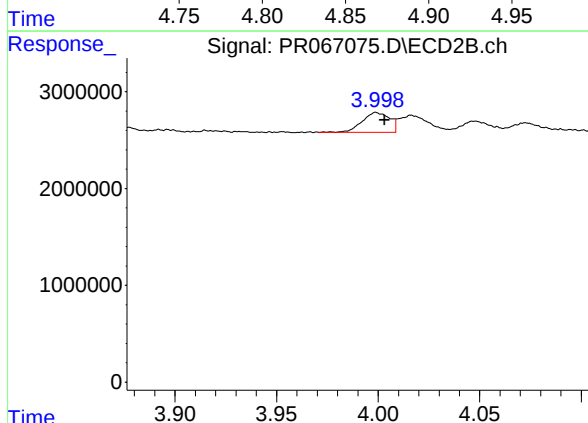




#3 AR-1016-1

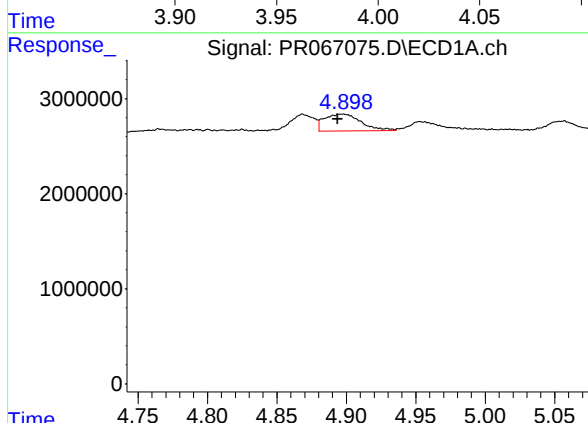
R.T.: 4.869 min
Delta R.T.: -0.002 min
Response: 2193304
Conc: 13.67 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12543282



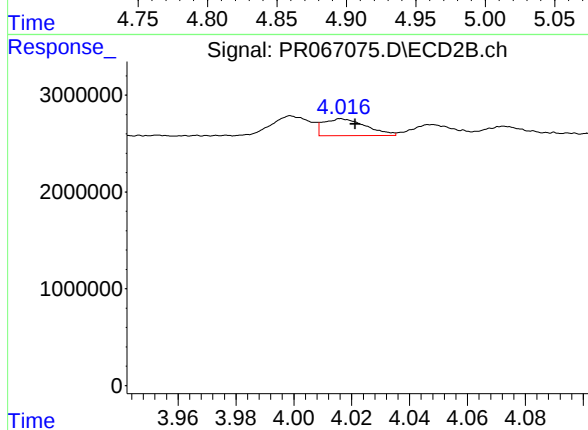
#3 AR-1016-1

R.T.: 3.999 min
Delta R.T.: -0.004 min
Response: 1903100
Conc: 12.68 ng/ml



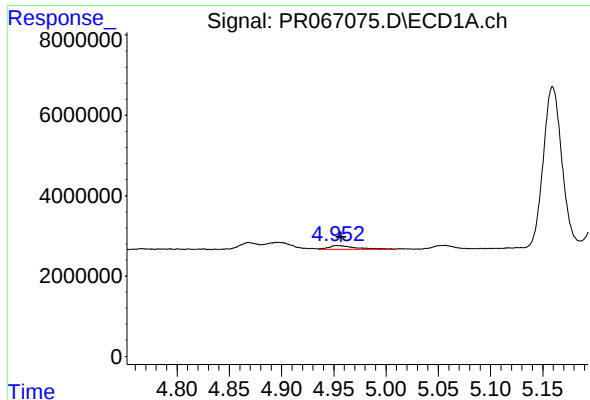
#4 AR-1016-2

R.T.: 4.897 min
Delta R.T.: 0.003 min
Response: 3257071
Conc: 12.69 ng/ml



#4 AR-1016-2

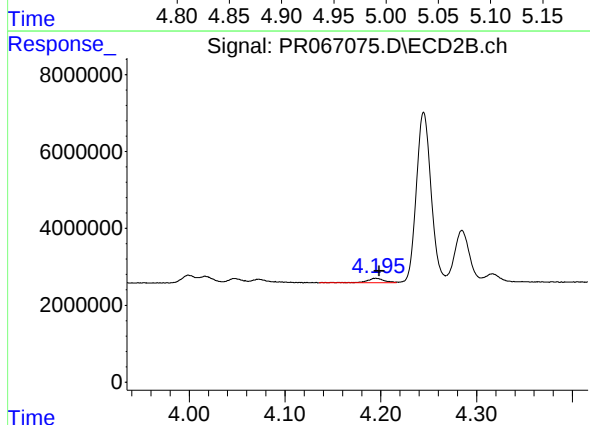
R.T.: 4.017 min
Delta R.T.: -0.004 min
Response: 1794313
Conc: 8.10 ng/ml



#5 AR-1016-3

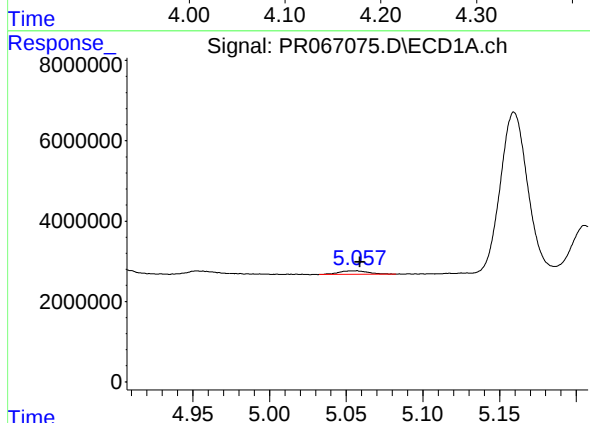
R.T.: 4.953 min
Delta R.T.: -0.004 min
Response: 1642688
Conc: 9.54 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12543282



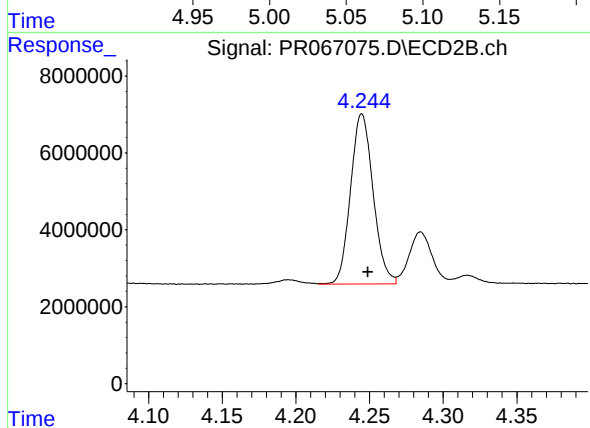
#5 AR-1016-3

R.T.: 4.195 min
Delta R.T.: -0.004 min
Response: 1451100
Conc: 11.78 ng/ml



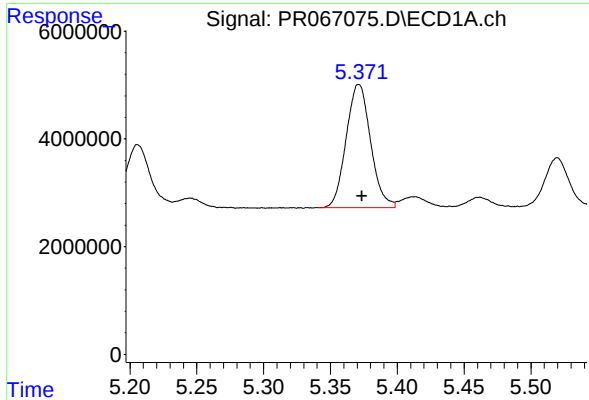
#6 AR-1016-4

R.T.: 5.056 min
Delta R.T.: -0.003 min
Response: 1175610
Conc: 8.86 ng/ml



#6 AR-1016-4

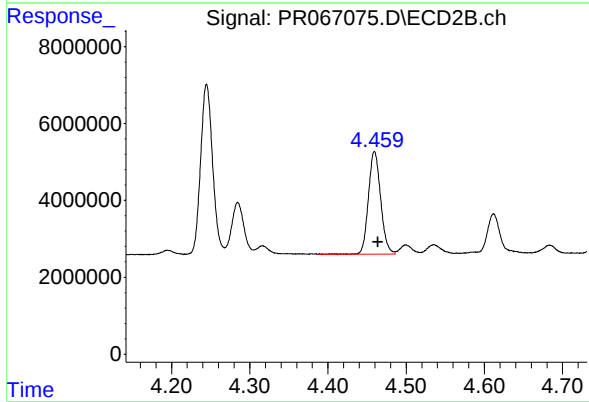
R.T.: 4.245 min
Delta R.T.: -0.004 min
Response: 47248258
Conc: 452.40 ng/ml



#7 AR-1016-5

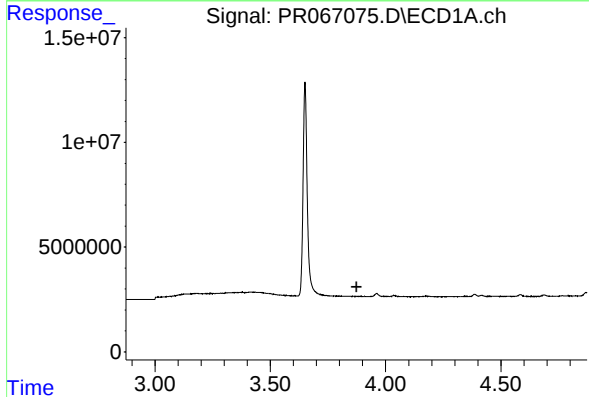
R.T.: 5.371 min
Delta R.T.: -0.002 min
Response: 29023273
Conc: 215.05 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12543282



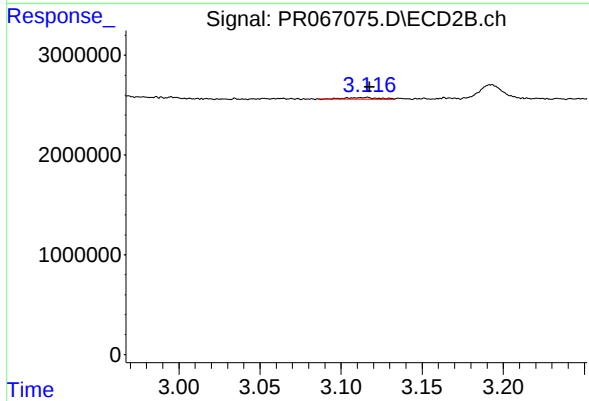
#7 AR-1016-5

R.T.: 4.460 min
Delta R.T.: -0.004 min
Response: 28966497
Conc: 218.71 ng/ml



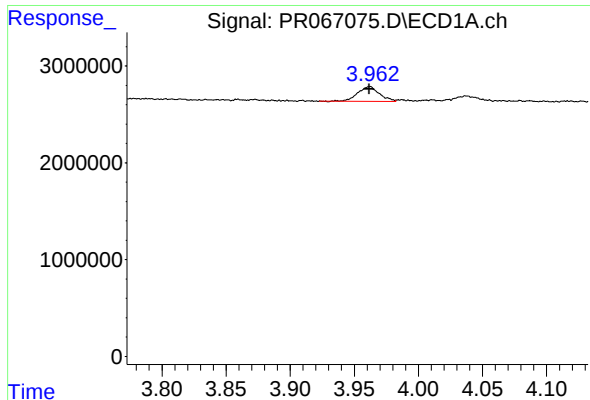
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T.: 3.874 min
Response: 0
Conc: N.D.



#8 AR-1221-1

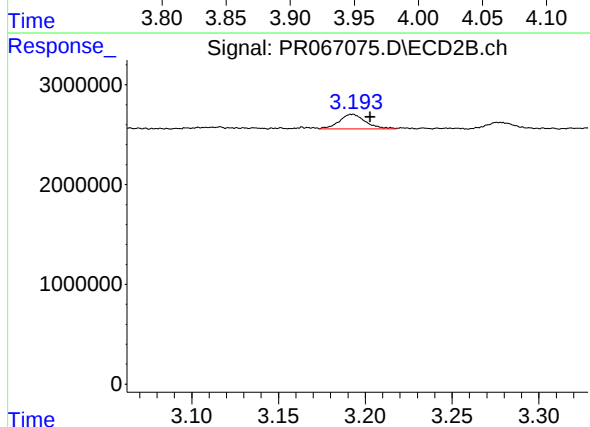
R.T.: 3.116 min
Delta R.T.: -0.002 min
Response: 219146
Conc: 3.95 ng/ml



#9 AR-1221-2

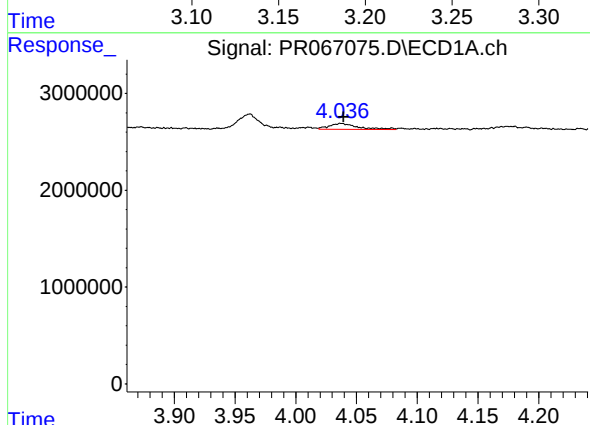
R.T.: 3.962 min
Delta R.T.: 0.000 min
Response: 1817012
Conc: 38.93 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12543282



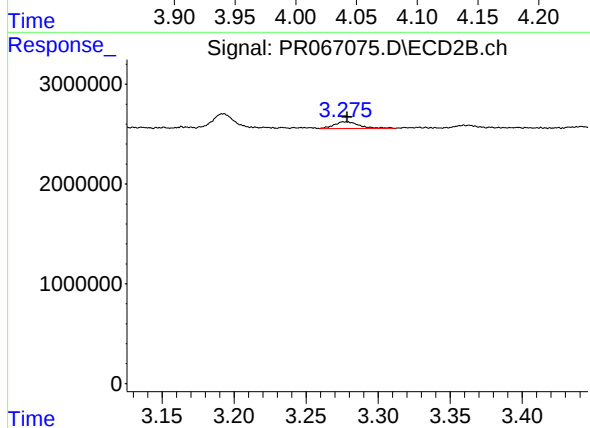
#9 AR-1221-2

R.T.: 3.192 min
Delta R.T.: -0.010 min
Response: 1581726
Conc: 39.52 ng/ml



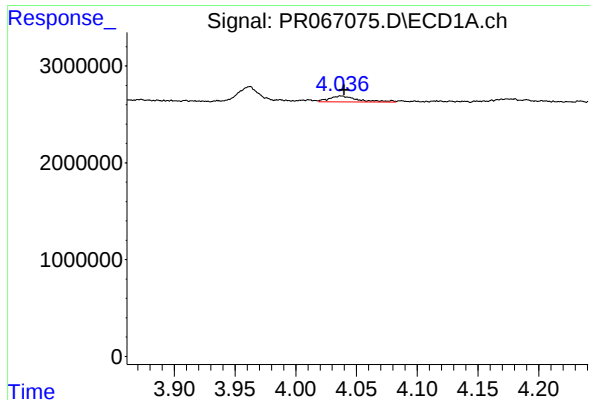
#10 AR-1221-3

R.T.: 4.038 min
Delta R.T.: -0.002 min
Response: 970925
Conc: 6.44 ng/ml



#10 AR-1221-3

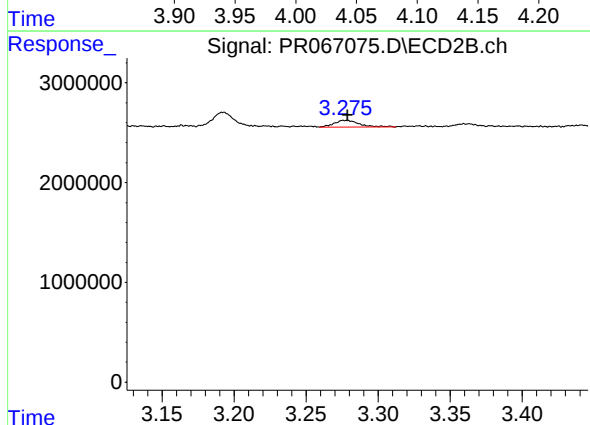
R.T.: 3.277 min
Delta R.T.: -0.002 min
Response: 806136
Conc: 6.39 ng/ml



#11 AR-1232-1

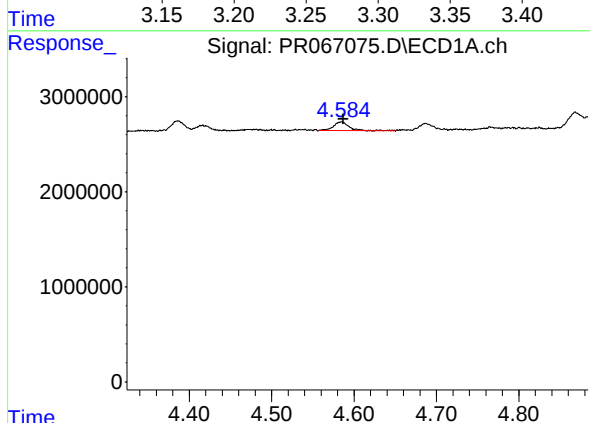
R.T.: 4.038 min
Delta R.T.: -0.002 min
Response: 970925
Conc: 7.65 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12543282



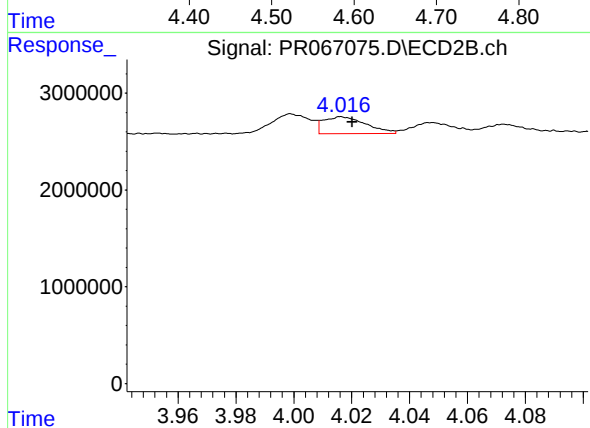
#11 AR-1232-1

R.T.: 3.277 min
Delta R.T.: -0.002 min
Response: 806136
Conc: 7.53 ng/ml



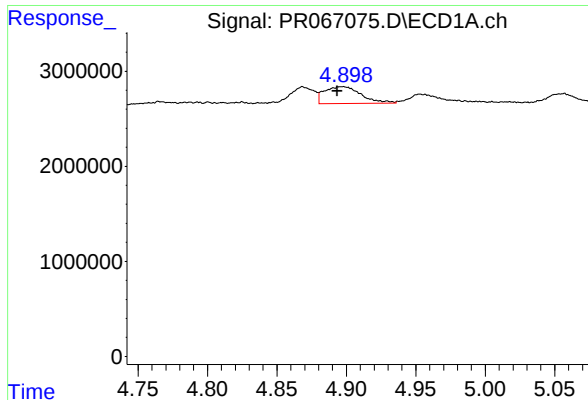
#12 AR-1232-2

R.T.: 4.585 min
Delta R.T.: -0.003 min
Response: 1208002
Conc: 17.00 ng/ml



#12 AR-1232-2

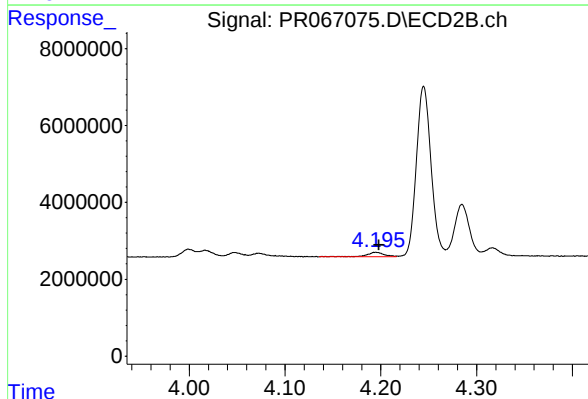
R.T.: 4.017 min
Delta R.T.: -0.003 min
Response: 1794313
Conc: 17.32 ng/ml



#13 AR-1232-3

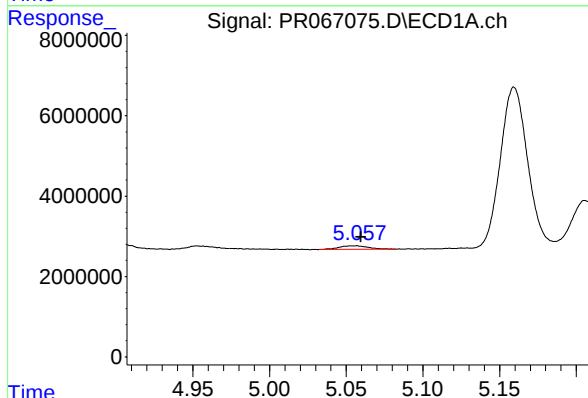
R.T.: 4.897 min
Delta R.T.: 0.003 min
Response: 3257071
Conc: 28.51 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12543282



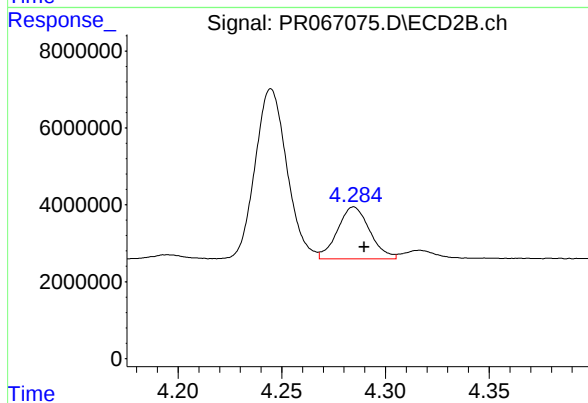
#13 AR-1232-3

R.T.: 4.195 min
Delta R.T.: -0.003 min
Response: 1451100
Conc: 26.24 ng/ml



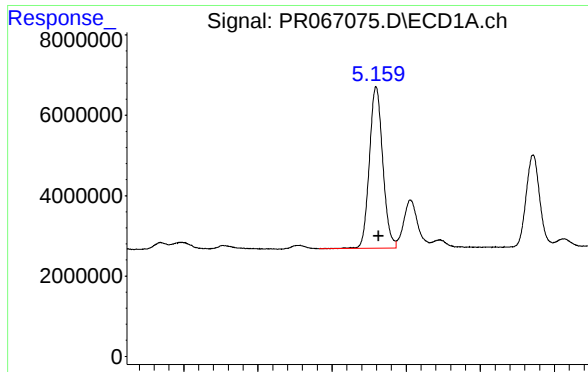
#14 AR-1232-4

R.T.: 5.056 min
Delta R.T.: -0.003 min
Response: 1175610
Conc: 20.31 ng/ml



#14 AR-1232-4

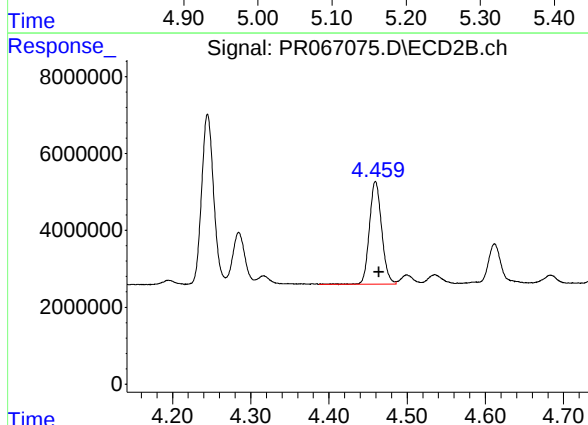
R.T.: 4.285 min
Delta R.T.: -0.005 min
Response: 14720338
Conc: 287.95 ng/ml



#15 AR-1232-5

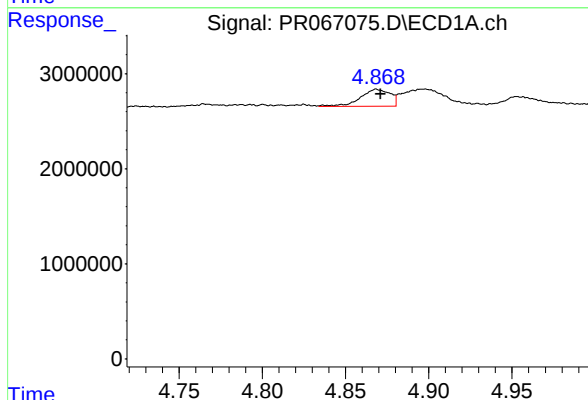
R.T.: 5.159 min
Delta R.T.: -0.003 min
Response: 50337091
Conc: 1131.08 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12543282



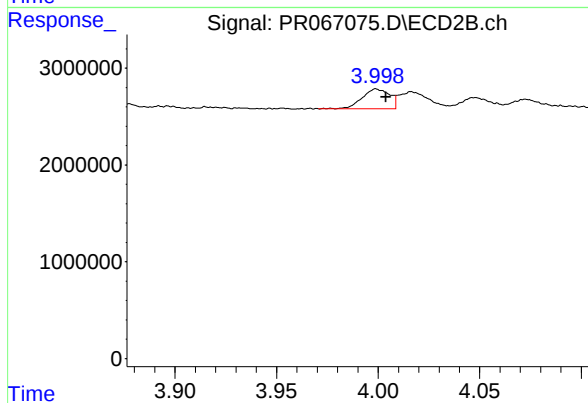
#15 AR-1232-5

R.T.: 4.460 min
Delta R.T.: -0.004 min
Response: 28966497
Conc: 522.98 ng/ml



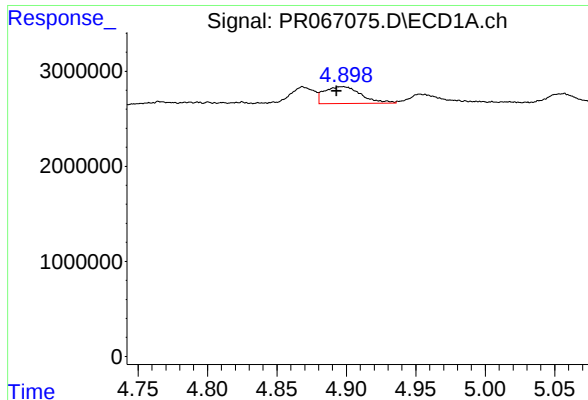
#16 AR-1242-1

R.T.: 4.869 min
Delta R.T.: -0.002 min
Response: 2193304
Conc: 17.78 ng/ml



#16 AR-1242-1

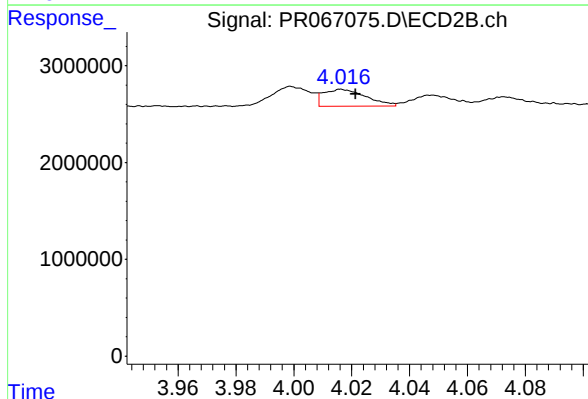
R.T.: 3.999 min
Delta R.T.: -0.005 min
Response: 1903100
Conc: 16.02 ng/ml



#17 AR-1242-2

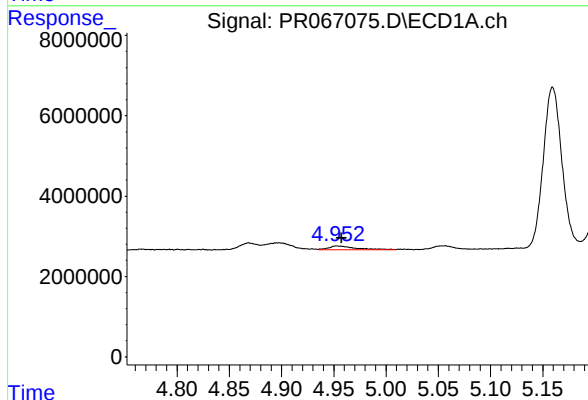
R.T.: 4.897 min
Delta R.T.: 0.003 min
Response: 3257071
Conc: 16.57 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12543282



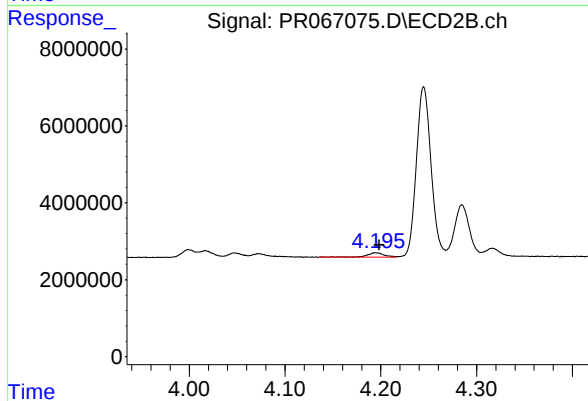
#17 AR-1242-2

R.T.: 4.017 min
Delta R.T.: -0.005 min
Response: 1794313
Conc: 10.12 ng/ml



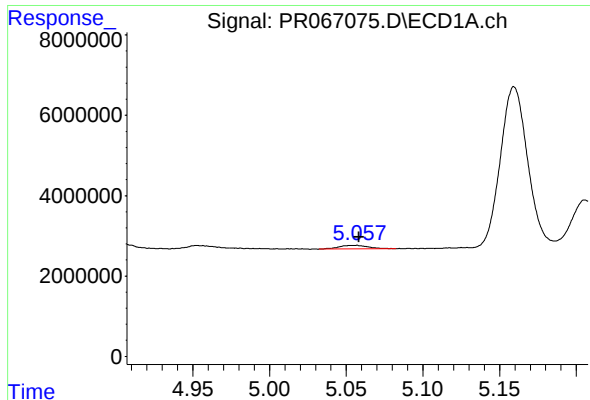
#18 AR-1242-3

R.T.: 4.953 min
Delta R.T.: -0.005 min
Response: 1642688
Conc: 12.25 ng/ml



#18 AR-1242-3

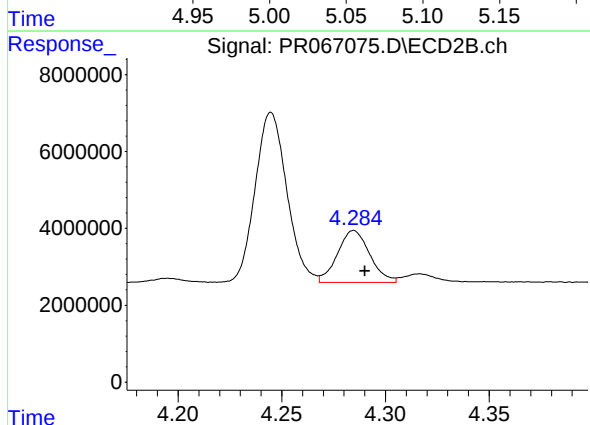
R.T.: 4.195 min
Delta R.T.: -0.004 min
Response: 1451100
Conc: 14.77 ng/ml



#19 AR-1242-4

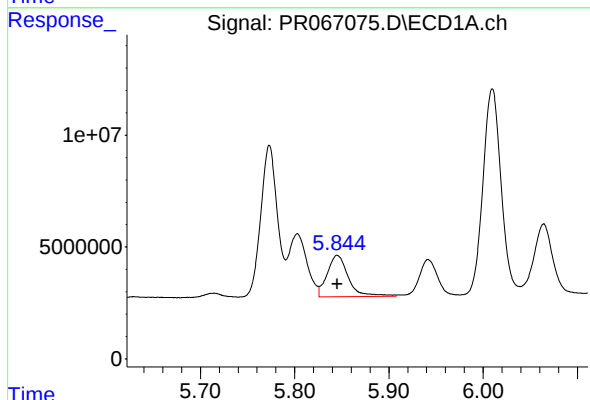
R.T.: 5.056 min
Delta R.T.: -0.002 min
Response: 1175610
Conc: 11.36 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12543282



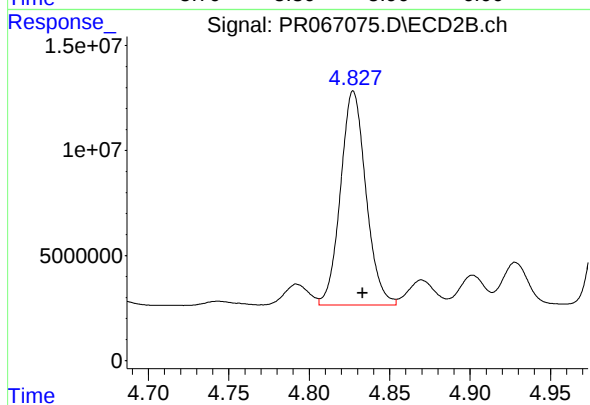
#19 AR-1242-4

R.T.: 4.285 min
Delta R.T.: -0.005 min
Response: 14720338
Conc: 148.61 ng/ml



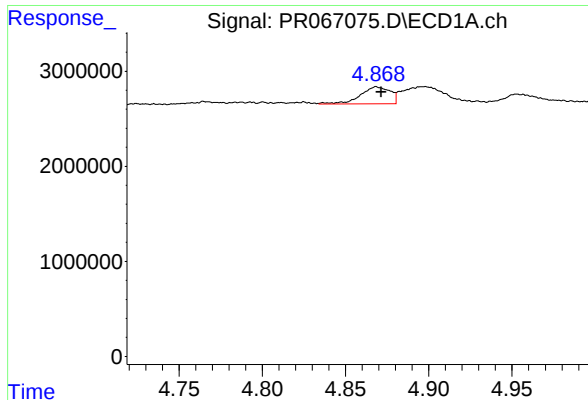
#20 AR-1242-5

R.T.: 5.845 min
Delta R.T.: 0.000 min
Response: 28845178
Conc: 274.17 ng/ml



#20 AR-1242-5

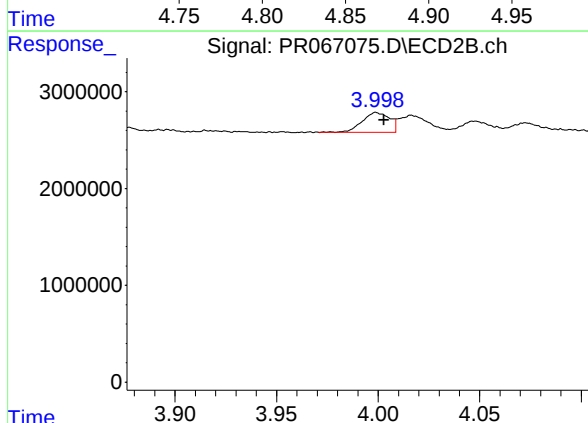
R.T.: 4.827 min
Delta R.T.: -0.006 min
Response: 112369421
Conc: 953.71 ng/ml



#21 AR-1248-1

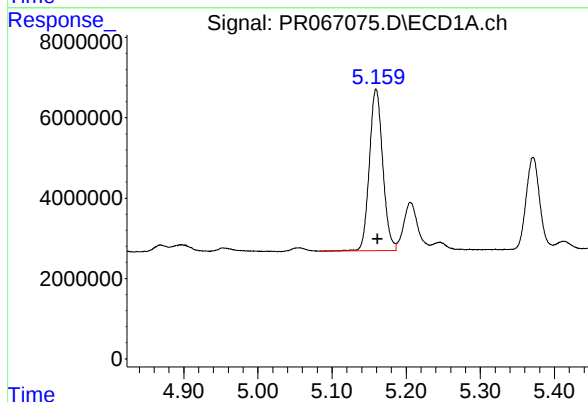
R.T.: 4.869 min
Delta R.T.: -0.003 min
Response: 2193304
Conc: 24.14 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12543282



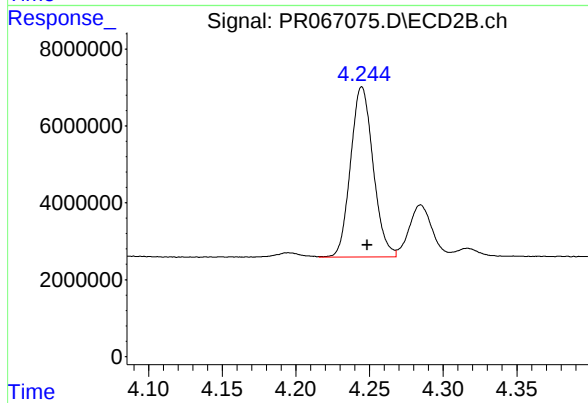
#21 AR-1248-1

R.T.: 3.999 min
Delta R.T.: -0.004 min
Response: 1903100
Conc: 21.05 ng/ml



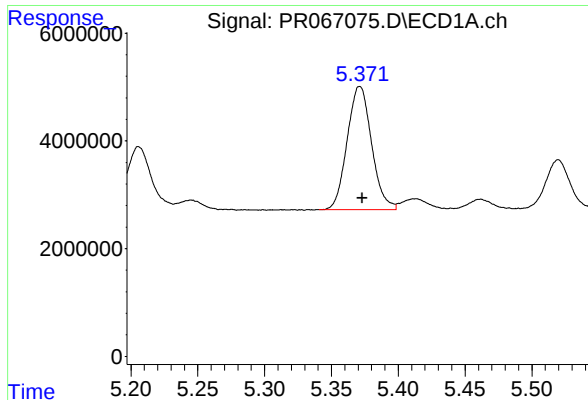
#22 AR-1248-2

R.T.: 5.159 min
Delta R.T.: -0.002 min
Response: 50337091
Conc: 338.15 ng/ml



#22 AR-1248-2

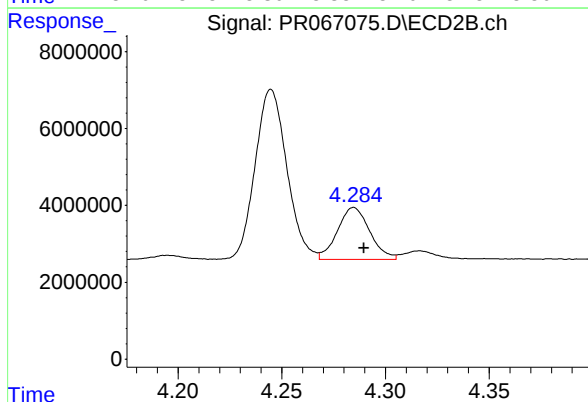
R.T.: 4.245 min
Delta R.T.: -0.004 min
Response: 47248258
Conc: 338.07 ng/ml



#23 AR-1248-3

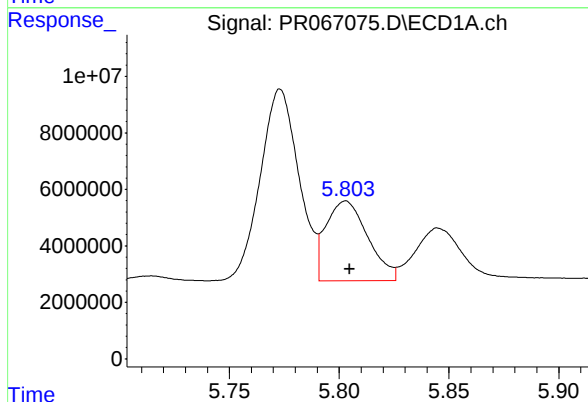
R.T.: 5.371 min
Delta R.T.: -0.002 min
Response: 29023273
Conc: 169.92 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12543282



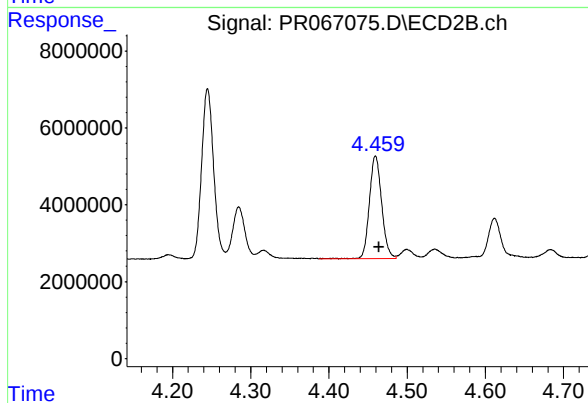
#23 AR-1248-3

R.T.: 4.285 min
Delta R.T.: -0.005 min
Response: 14720338
Conc: 105.26 ng/ml



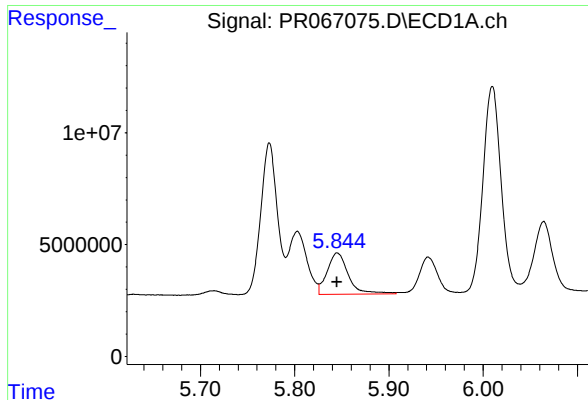
#24 AR-1248-4

R.T.: 5.803 min
Delta R.T.: -0.002 min
Response: 37434454
Conc: 237.40 ng/ml



#24 AR-1248-4

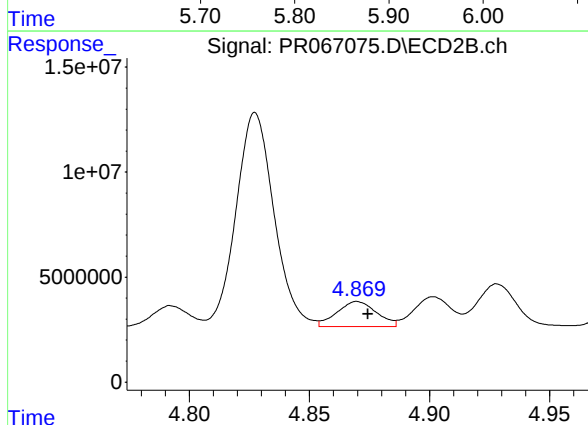
R.T.: 4.460 min
Delta R.T.: -0.005 min
Response: 28966497
Conc: 172.89 ng/ml



#25 AR-1248-5

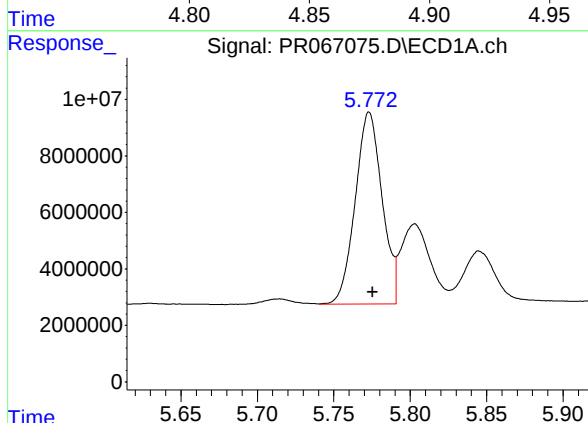
R.T.: 5.845 min
Delta R.T.: 0.000 min
Response: 28845178
Conc: 161.98 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12543282



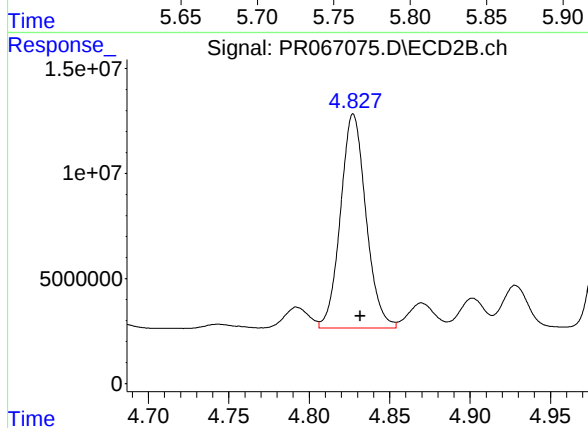
#25 AR-1248-5

R.T.: 4.870 min
Delta R.T.: -0.004 min
Response: 13633961
Conc: 88.25 ng/ml



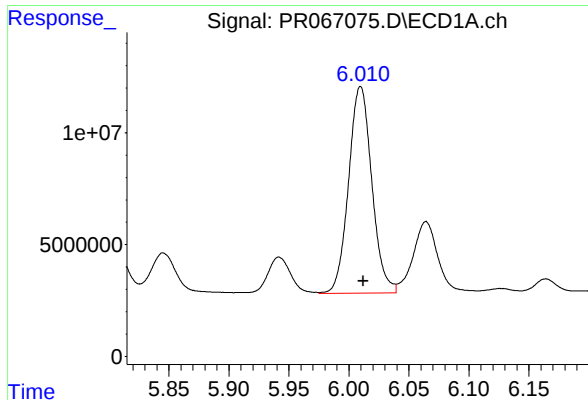
#26 AR-1254-1

R.T.: 5.773 min
Delta R.T.: -0.002 min
Response: 83089425
Conc: 435.87 ng/ml



#26 AR-1254-1

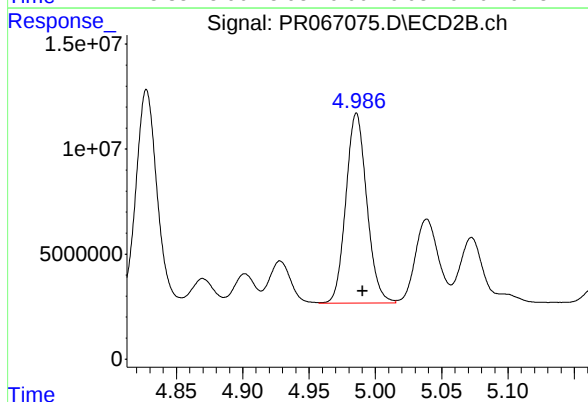
R.T.: 4.827 min
Delta R.T.: -0.004 min
Response: 112369421
Conc: 460.03 ng/ml



#27 AR-1254-2

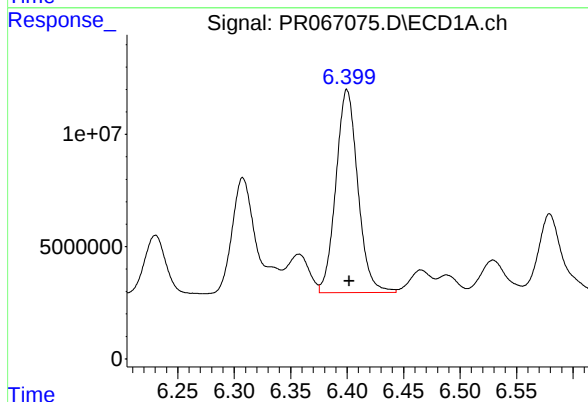
R.T.: 6.010 min
Delta R.T.: -0.002 min
Response: 124700593
Conc: 444.28 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12543282



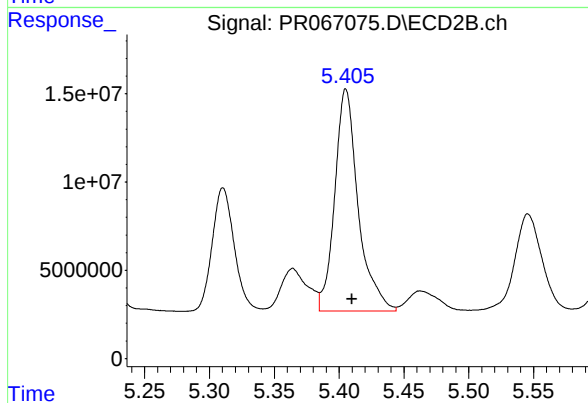
#27 AR-1254-2

R.T.: 4.986 min
Delta R.T.: -0.005 min
Response: 99374871
Conc: 459.06 ng/ml



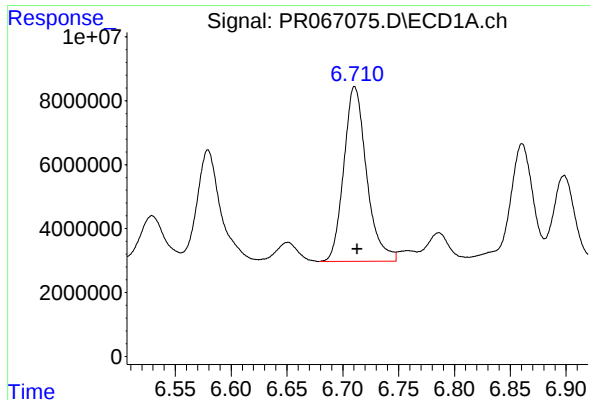
#28 AR-1254-3

R.T.: 6.400 min
Delta R.T.: -0.002 min
Response: 122365901
Conc: 456.51 ng/ml



#28 AR-1254-3

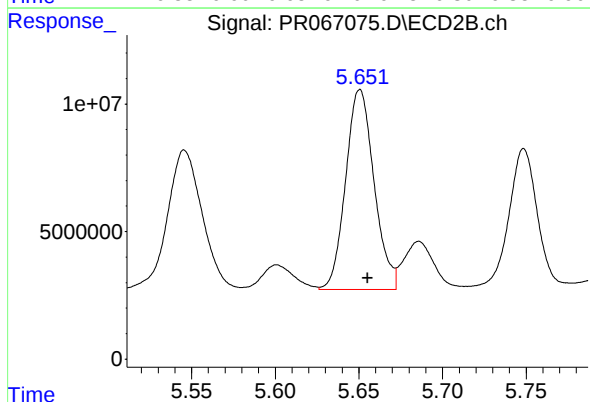
R.T.: 5.405 min
Delta R.T.: -0.005 min
Response: 158254445
Conc: 465.30 ng/ml



#29 AR-1254-4

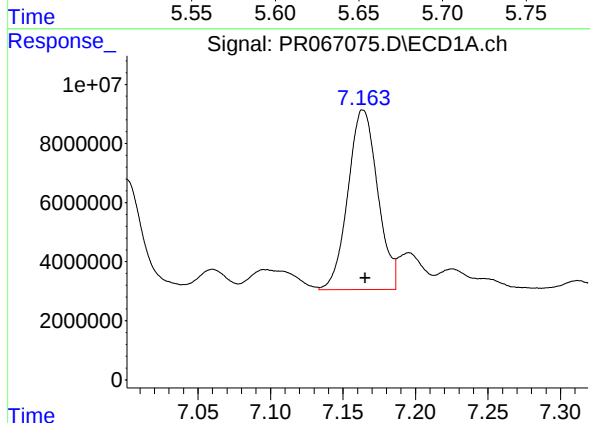
R.T.: 6.711 min
Delta R.T.: -0.002 min
Response: 77549371
Conc: 481.38 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12543282



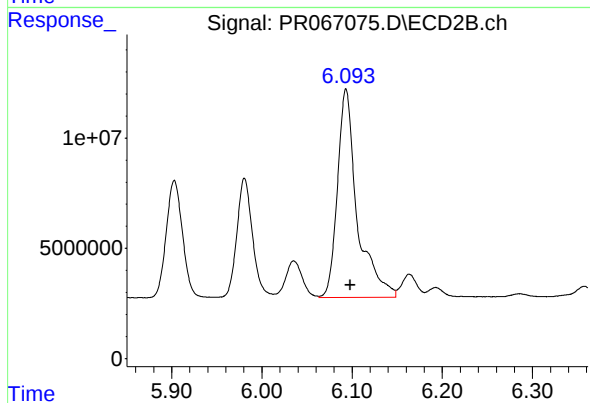
#29 AR-1254-4

R.T.: 5.651 min
Delta R.T.: -0.005 min
Response: 92841228
Conc: 473.11 ng/ml



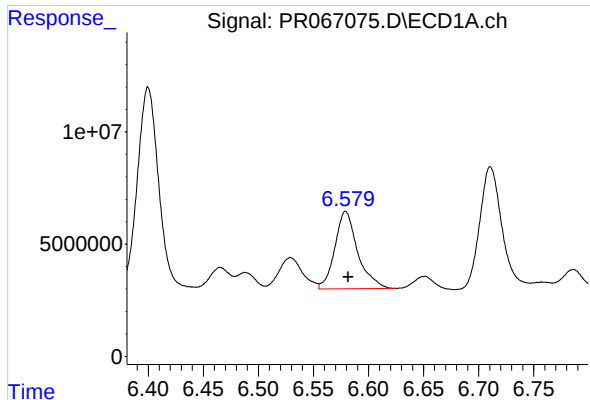
#30 AR-1254-5

R.T.: 7.164 min
Delta R.T.: -0.002 min
Response: 87013540
Conc: 453.18 ng/ml



#30 AR-1254-5

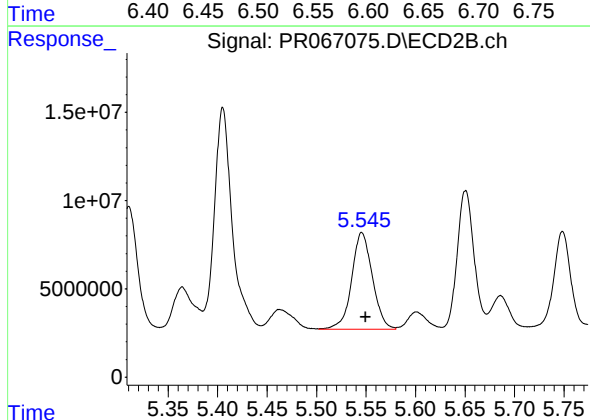
R.T.: 6.093 min
Delta R.T.: -0.005 min
Response: 143820768
Conc: 466.99 ng/ml



#31 AR-1260-1

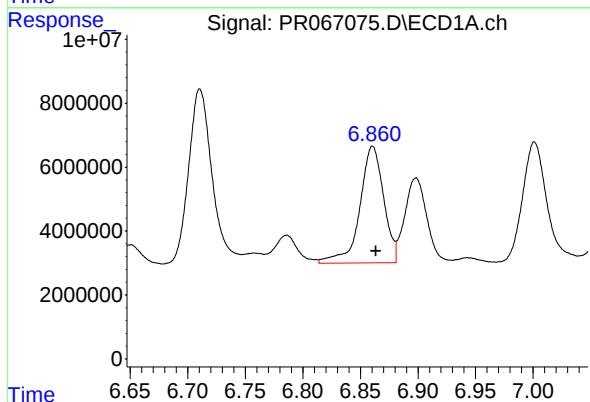
R.T.: 6.579 min
Delta R.T.: -0.002 min
Response: 49926668
Conc: 204.75 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12543282



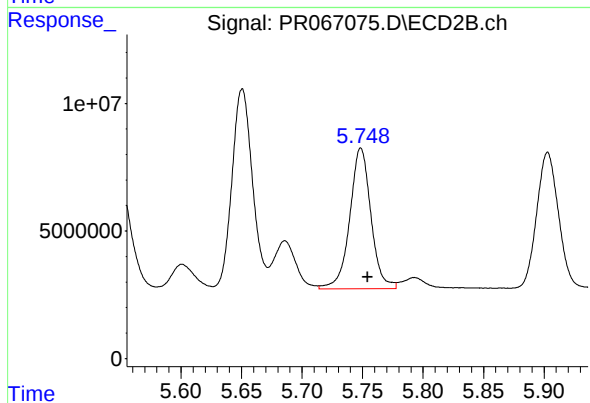
#31 AR-1260-1

R.T.: 5.546 min
Delta R.T.: -0.004 min
Response: 79949461
Conc: 306.87 ng/ml



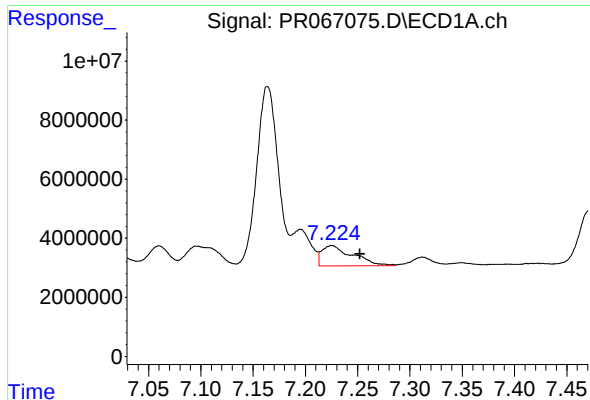
#32 AR-1260-2

R.T.: 6.861 min
Delta R.T.: -0.003 min
Response: 52621086
Conc: 203.25 ng/ml



#32 AR-1260-2

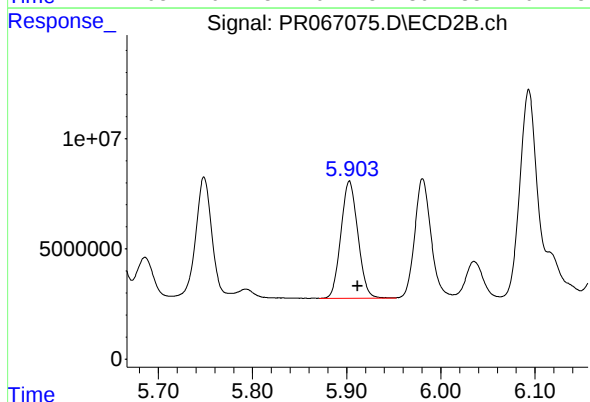
R.T.: 5.749 min
Delta R.T.: -0.006 min
Response: 67117492
Conc: 218.90 ng/ml



#33 AR-1260-3

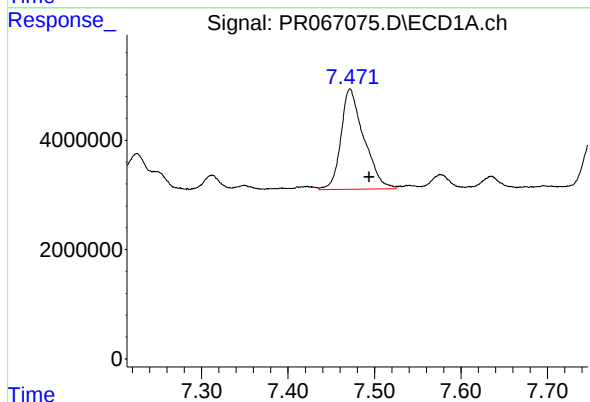
R.T.: 7.225 min
Delta R.T.: -0.027 min
Response: 14203022
Conc: 71.48 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12543282



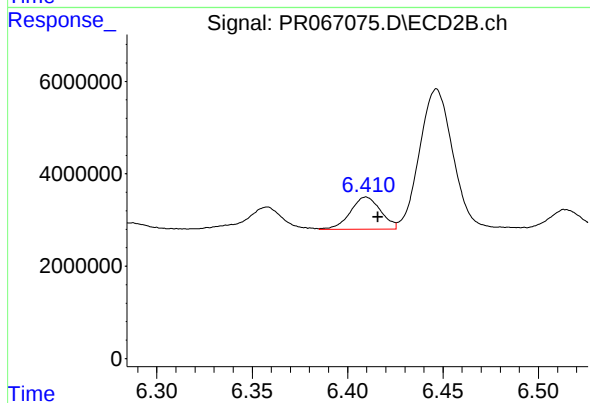
#33 AR-1260-3

R.T.: 5.903 min
Delta R.T.: -0.009 min
Response: 66561790
Conc: 227.07 ng/ml



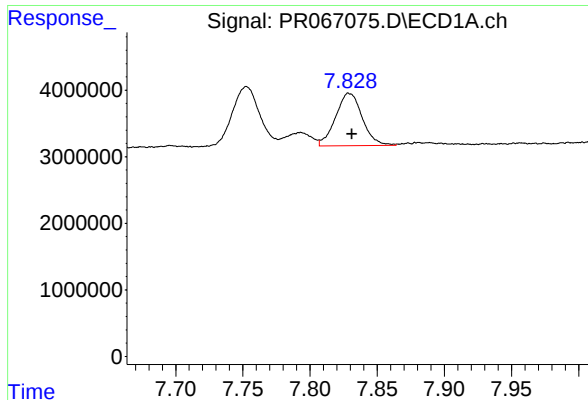
#34 AR-1260-4

R.T.: 7.472 min
Delta R.T.: -0.022 min
Response: 33746380
Conc: 161.56 ng/ml



#34 AR-1260-4

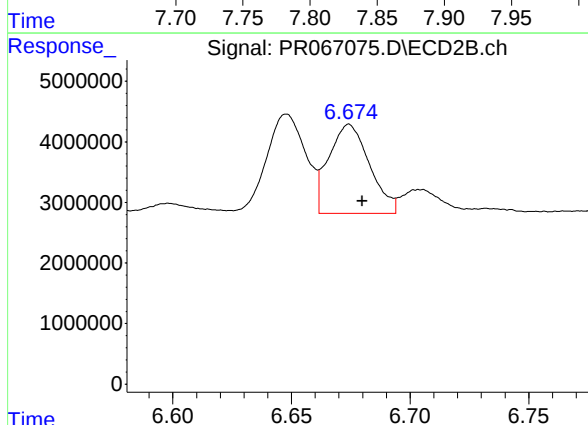
R.T.: 6.410 min
Delta R.T.: -0.006 min
Response: 7727415
Conc: 30.91 ng/ml



#35 AR-1260-5

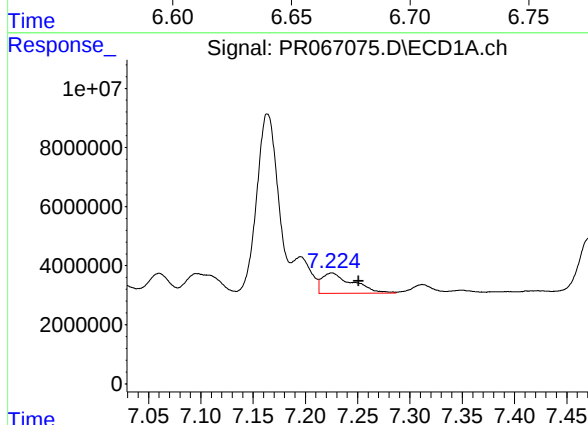
R.T.: 7.829 min
Delta R.T.: -0.002 min
Response: 10864169
Conc: 31.74 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12543282



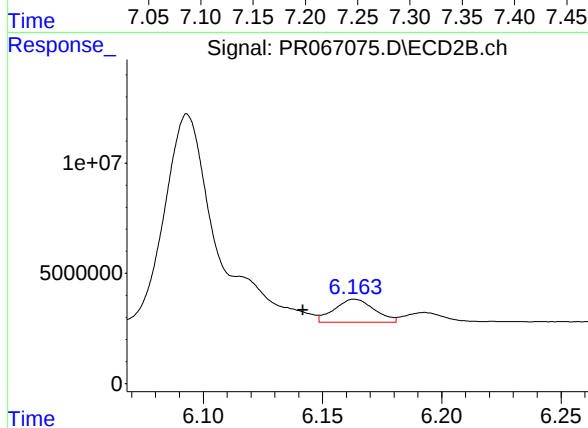
#35 AR-1260-5

R.T.: 6.674 min
Delta R.T.: -0.006 min
Response: 17590626
Conc: 32.22 ng/ml



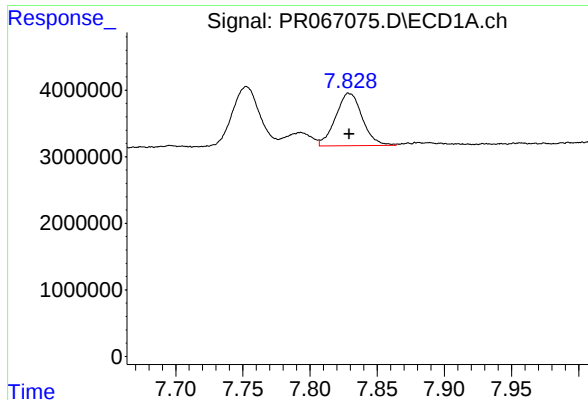
#36 AR-1262-1

R.T.: 7.225 min
Delta R.T.: -0.026 min
Response: 14203022
Conc: 54.89 ng/ml



#36 AR-1262-1

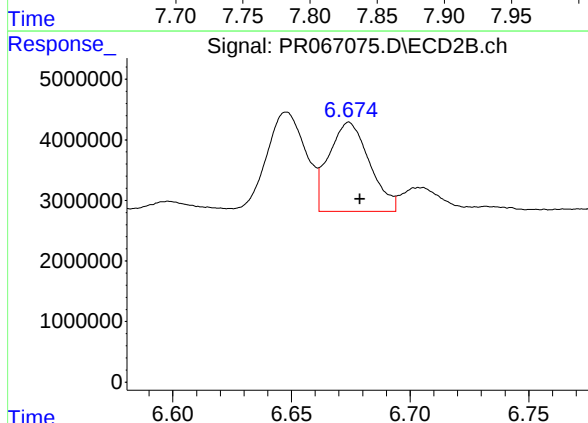
R.T.: 6.164 min
Delta R.T.: 0.022 min
Response: 12174756
Conc: 36.73 ng/ml



#37 AR-1262-2

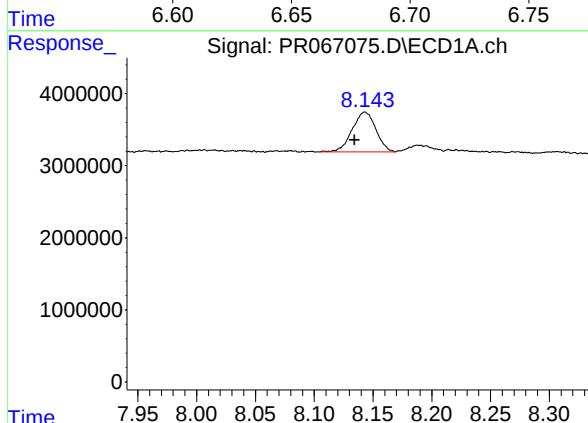
R.T.: 7.829 min
Delta R.T.: 0.000 min
Response: 10864169
Conc: 31.32 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12543282



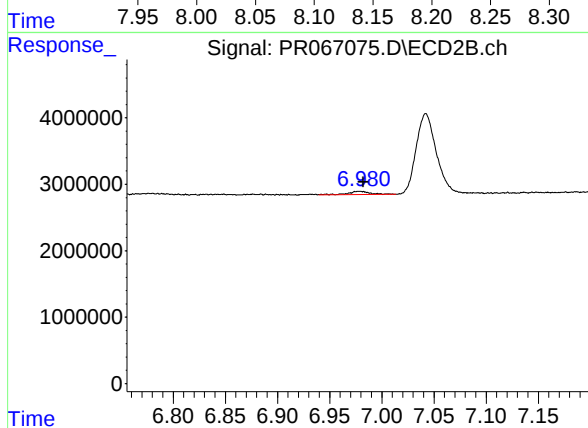
#37 AR-1262-2

R.T.: 6.674 min
Delta R.T.: -0.005 min
Response: 17590626
Conc: 31.61 ng/ml



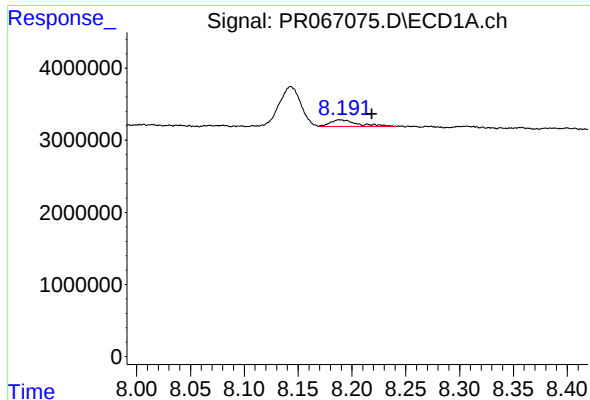
#38 AR-1262-3

R.T.: 8.143 min
Delta R.T.: 0.009 min
Response: 7766582
Conc: 34.05 ng/ml



#38 AR-1262-3

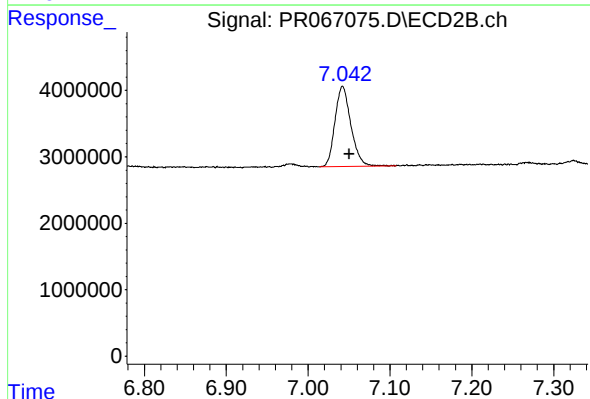
R.T.: 6.979 min
Delta R.T.: -0.003 min
Response: 680993
Conc: 2.85 ng/ml



#39 AR-1262-4

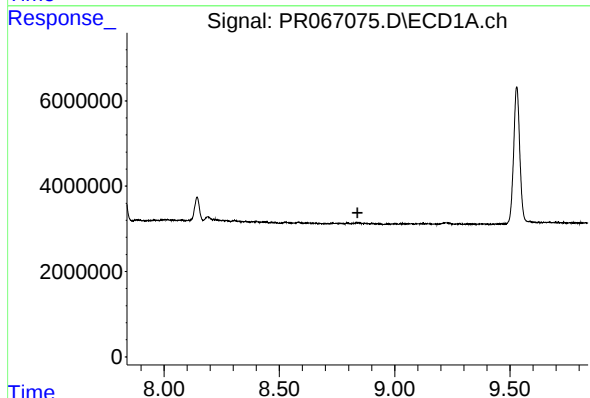
R.T.: 8.189 min
Delta R.T.: -0.030 min
Response: 1555990
Conc: 8.62 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12543282



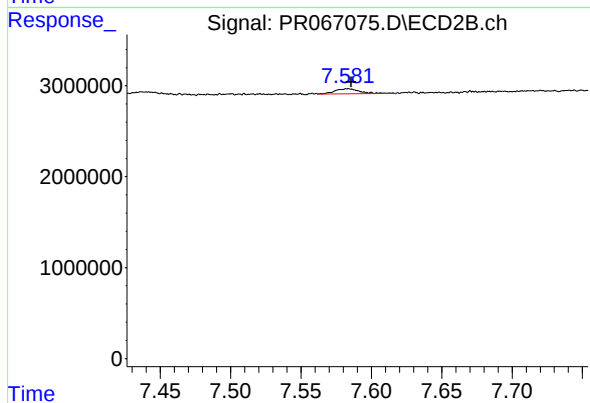
#39 AR-1262-4

R.T.: 7.042 min
Delta R.T.: -0.008 min
Response: 16357352
Conc: 38.33 ng/ml



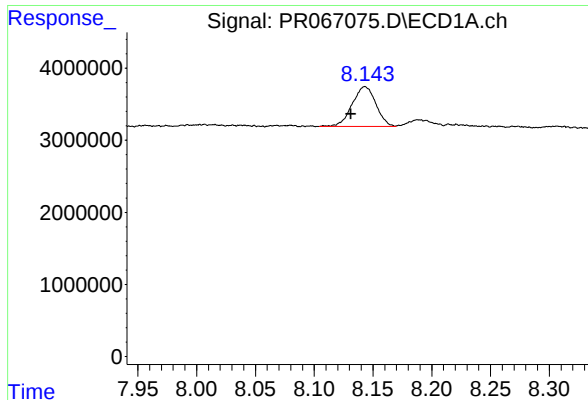
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 8.839 min
Response: 0
Conc: N.D.



#40 AR-1262-5

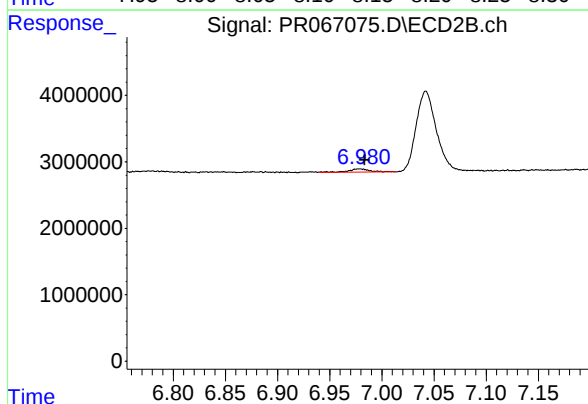
R.T.: 7.584 min
Delta R.T.: -0.002 min
Response: 730980
Conc: 3.73 ng/ml



#41 AR-1268-1

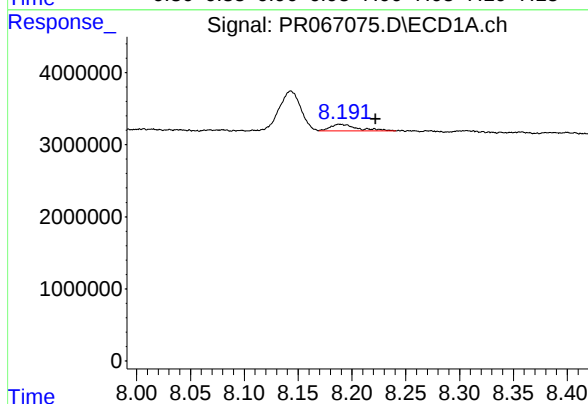
R.T.: 8.143 min
Delta R.T.: 0.012 min
Response: 7766582
Conc: 18.72 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12543282



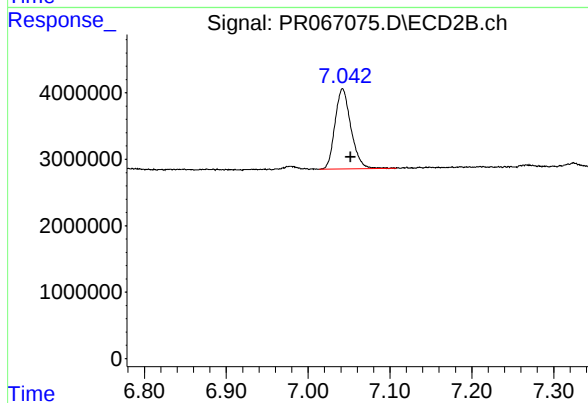
#41 AR-1268-1

R.T.: 6.979 min
Delta R.T.: -0.005 min
Response: 680993
Conc: 1.02 ng/ml



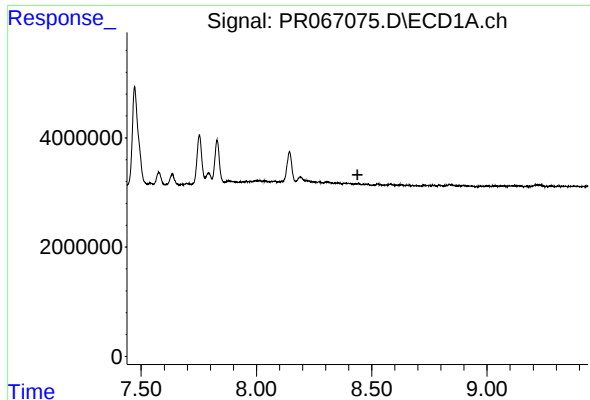
#42 AR-1268-2

R.T.: 8.189 min
Delta R.T.: -0.033 min
Response: 1555990
Conc: 4.20 ng/ml



#42 AR-1268-2

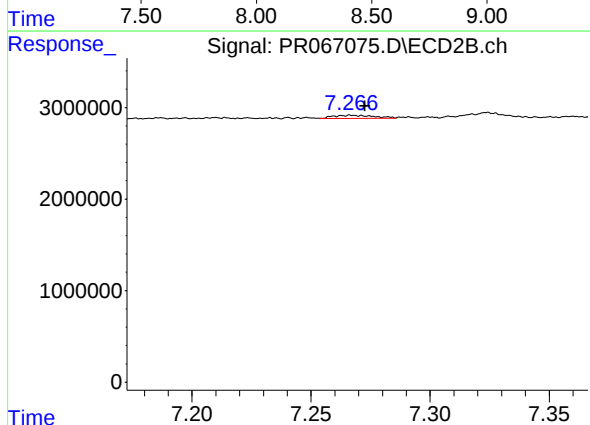
R.T.: 7.042 min
Delta R.T.: -0.010 min
Response: 16357352
Conc: 26.84 ng/ml



#43 AR-1268-3

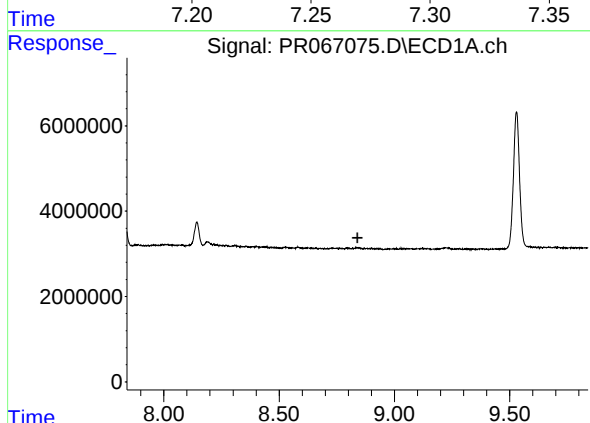
R.T.: 0.000 min
Exp R.T.: 8.438 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
AR12543282



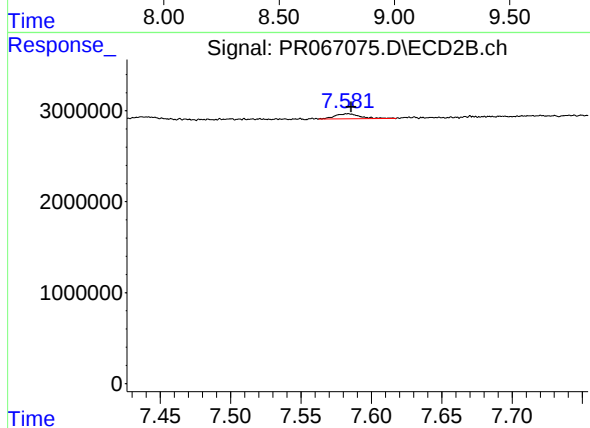
#43 AR-1268-3

R.T.: 7.267 min
Delta R.T.: -0.006 min
Response: 417463
Conc: 0.78 ng/ml



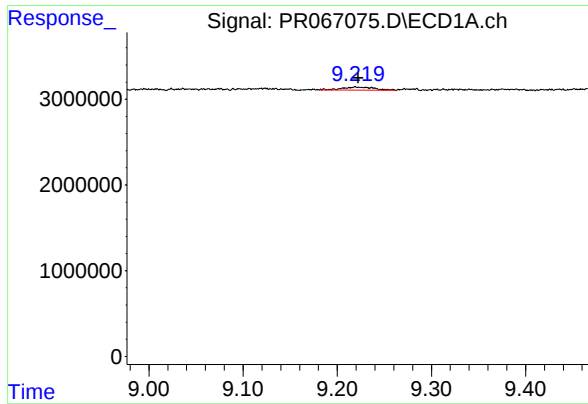
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 8.840 min
Response: 0
Conc: N.D.



#44 AR-1268-4

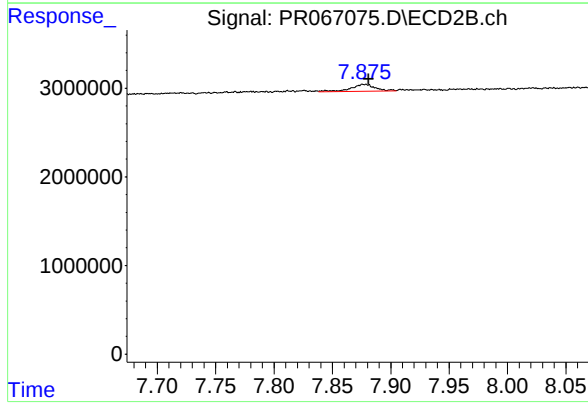
R.T.: 7.584 min
Delta R.T.: -0.002 min
Response: 730980
Conc: 3.32 ng/ml



#45 AR-1268-5

R.T.: 9.219 min
Delta R.T.: -0.003 min
Response: 856466
Conc: 1.02 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR12543282



#45 AR-1268-5

R.T.: 7.877 min
Delta R.T.: -0.004 min
Response: 1117078
Conc: 0.75 ng/ml