

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR092319\
 Data File : PR041449.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Sep 2019 05:29
 Operator : SM\AJ
 Sample : K4958-15
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 ESNZ8

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 24 06:47:58 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...	4.739	4.006	36263001	157.4E6	27.318	26.018
2)	SA Decachlor...	10.659	9.121	120.7E6	346.0E6	37.820	32.071
Target Compounds							
3)	L1 AR-1016-1	0.000	5.107	0	1813623	N.D.	12.308 #
4)	L1 AR-1016-2	0.000	5.124	0	1935678	N.D.	9.402 #
5)	L1 AR-1016-3	0.000	5.306	0	157766	N.D.	1.333 #
6)	L1 AR-1016-4	0.000	5.341	0	5789719	N.D.	59.433 #
7)	L1 AR-1016-5	6.392	5.558	1378029	4509850	27.855	32.439
9)	L2 AR-1221-2	0.000	4.313	0	1709858	N.D.	49.029 #
10)	L2 AR-1221-3	0.000	4.342f	0	93918	N.D.	0.886 #
11)	L3 AR-1232-1	0.000	4.342f	0	93918	N.D.	1.165 #
12)	L3 AR-1232-2	0.000	5.124	0	1935678	N.D.	19.903 #
13)	L3 AR-1232-3	0.000	5.306	0	157766	N.D.	3.513 #
14)	L3 AR-1232-4	0.000	5.384	0	2842514	N.D.	67.863 #
15)	L3 AR-1232-5	6.185	5.558	2480747	4509850	179.534	84.306 #
16)	L4 AR-1242-1	0.000	5.107	0	1813623	N.D.	16.174 #
17)	L4 AR-1242-2	0.000	5.124	0	1935678	N.D.	12.106 #
18)	L4 AR-1242-3	0.000	5.306	0	157766	N.D.	1.739 #
19)	L4 AR-1242-4	0.000	5.384	0	2842514	N.D.	30.206 #
20)	L4 AR-1242-5	6.837	5.912	3460846	26331606	67.518	155.222 #
21)	L5 AR-1248-1	0.000	5.107	0	1813623	N.D.	21.517 #
22)	L5 AR-1248-2	6.185	5.341	2480747	5789719	45.037	47.602
23)	L5 AR-1248-3	6.392	5.384	1378029	2842514	21.461	22.421
24)	L5 AR-1248-4	6.796	5.558	2144094	4509850	25.123	26.869
25)	L5 AR-1248-5	6.837	5.953	3460846	11059795	42.472	50.795
26)	L6 AR-1254-1	6.769	5.912	6186551	26331606	74.342	81.195
27)	L6 AR-1254-2	6.986	6.058	13547184	36798280	96.411	120.451
28)	L6 AR-1254-3	7.355	6.465	12317893	56596232	72.699	101.144 #
29)	L6 AR-1254-4	7.639	6.692	9453796	43878628	69.644	102.819 #
30)	L6 AR-1254-5	8.058	7.112	12384577	52039703	80.540	89.953
31)	L7 AR-1260-1	7.517	6.597	5749244	28528566	48.550	73.247 #
32)	L7 AR-1260-2	7.771	6.781	6837736	27337559	46.335	50.711
33)	L7 AR-1260-3	8.128	6.937	2465055	24452103	21.256	52.347 #
34)	L7 AR-1260-4	8.363	7.411	5831326	4885073	40.843	11.526 #
35)	L7 AR-1260-5	8.710	7.649	4489779	19528537	14.573	16.032
36)	L8 AR-1262-1	8.192	7.112	1155077	52039703	14.997	155.479 #
37)	L8 AR-1262-2	8.710	7.649	4489779	19528537	11.842	14.141
38)	L8 AR-1262-3	9.063	7.936	2827681	2708845	10.725	4.736 #
39)	L8 AR-1262-4	0.000	8.000	0	10020391	N.D.	9.888 #
40)	L8 AR-1262-5	0.000	8.518	0	3832596	N.D.	6.846 #
41)	L9 AR-1268-1	9.063	7.936	2827681	2708845	5.880	1.601 #
42)	L9 AR-1268-2	0.000	8.000	0	10020391	N.D.	6.405 #

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Instrument :
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 24 06:47:58 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
43) L9	AR-1268-3	0.000	8.216	0	1814108	N.D.	1.371 #
44) L9	AR-1268-4	0.000	8.518	0	3832596	N.D.	6.386 #
45) L9	AR-1268-5	0.000	8.836	0	2986150	N.D.	0.677 #

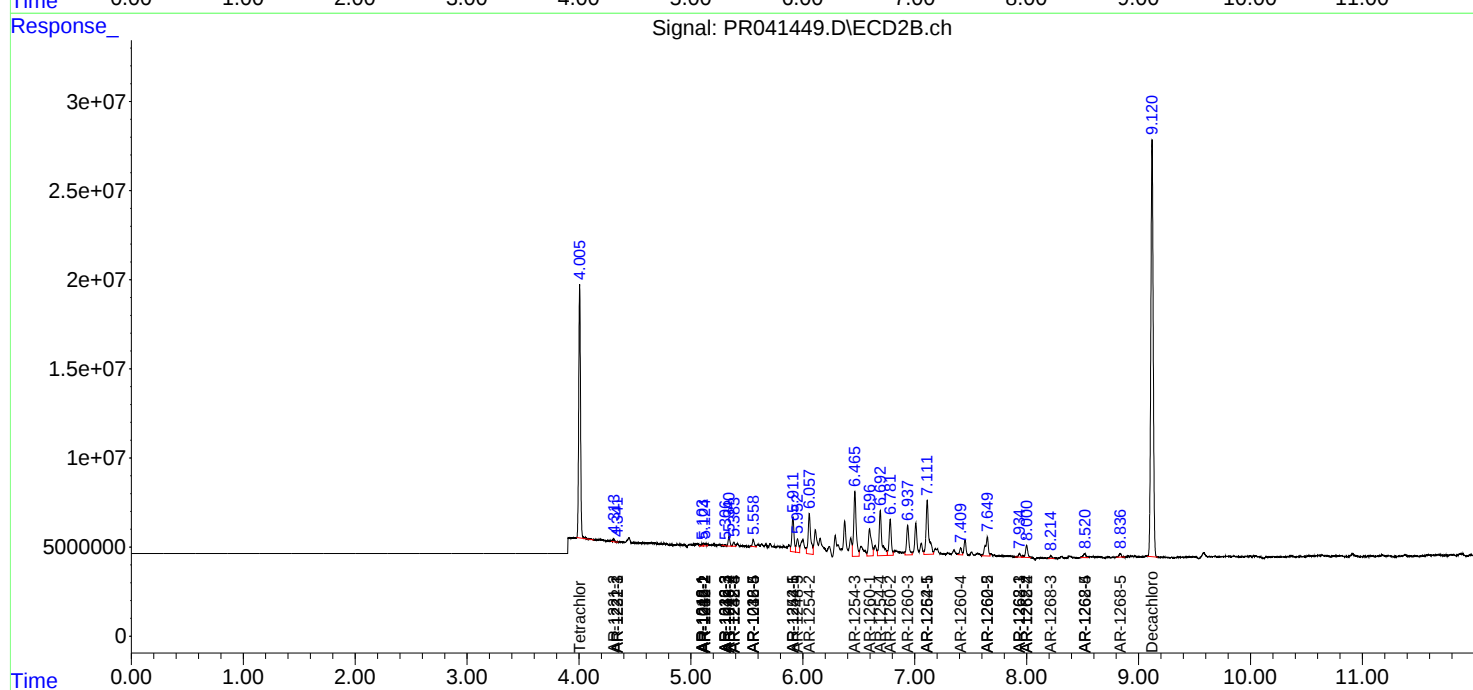
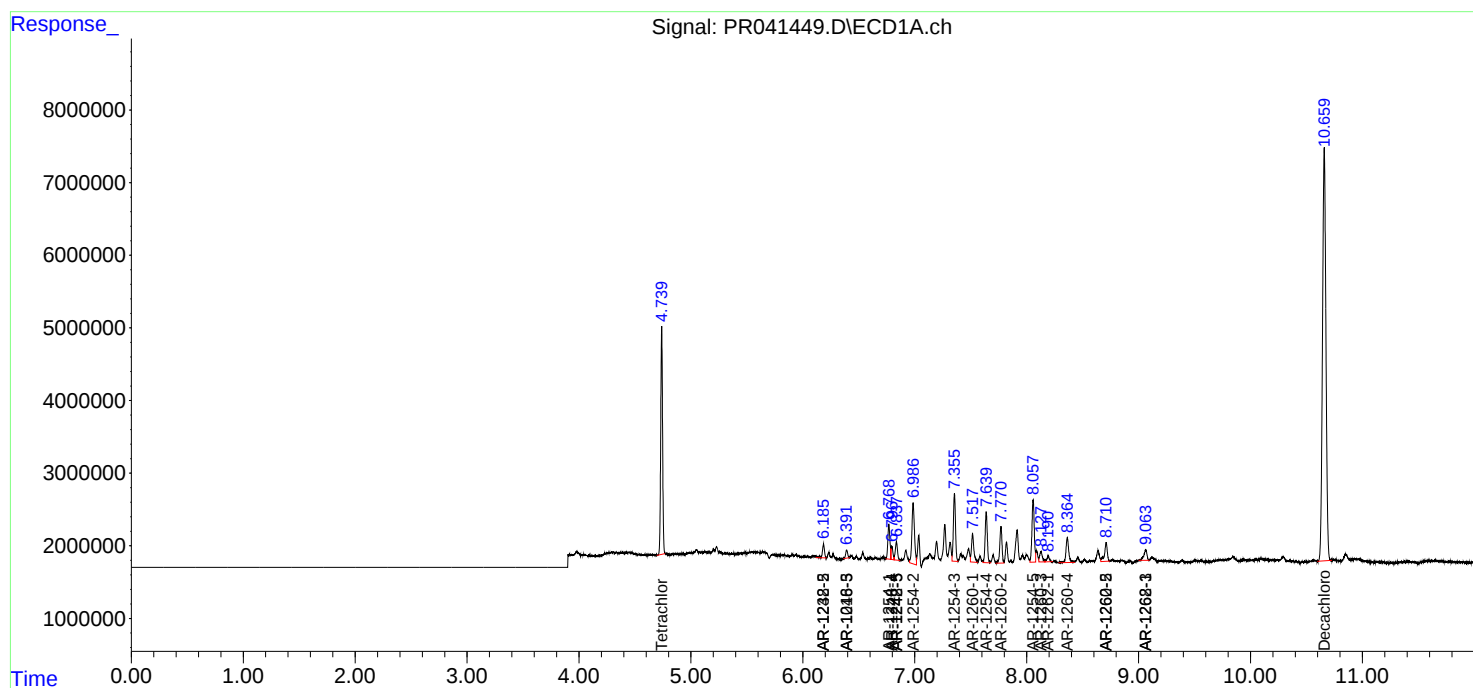
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

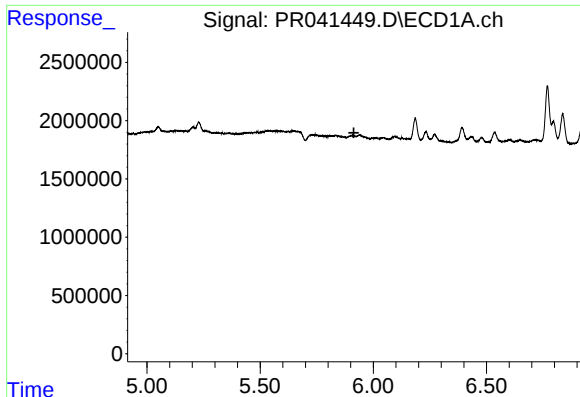
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR092319\
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Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

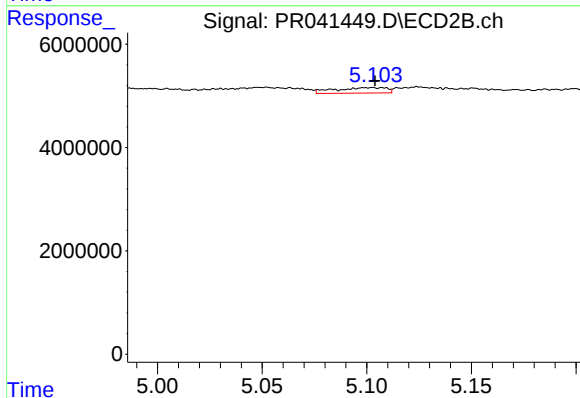




#3 AR-1016-1

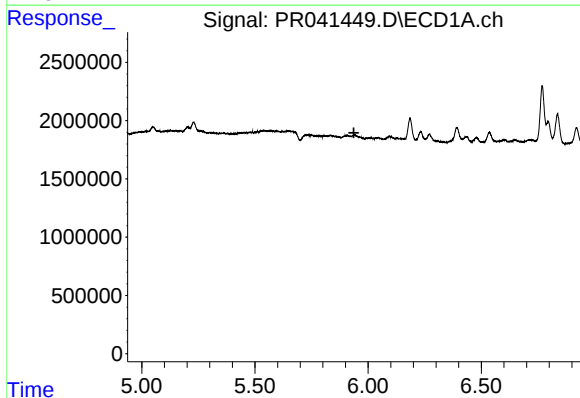
R.T.: 0.000 min
Exp R.T.: 5.914 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
ESNZ8



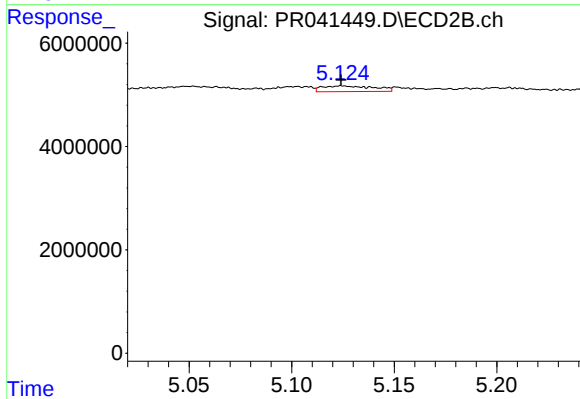
#3 AR-1016-1

R.T.: 5.107 min
Delta R.T.: 0.003 min
Response: 1813623
Conc: 12.31 ng/ml



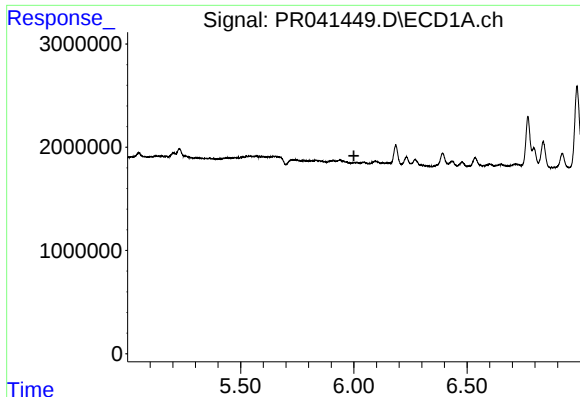
#4 AR-1016-2

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



#4 AR-1016-2

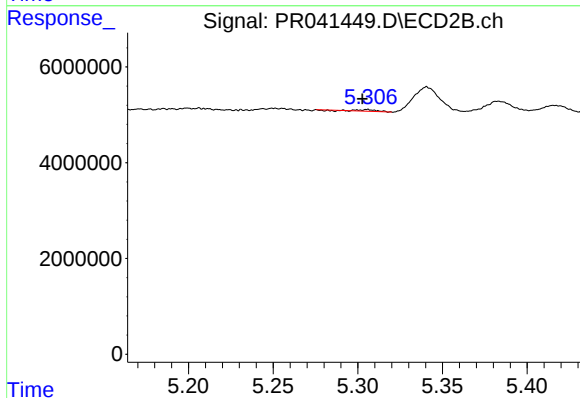
R.T.: 5.124 min
Delta R.T.: 0.000 min
Response: 1935678
Conc: 9.40 ng/ml



#5 AR-1016-3

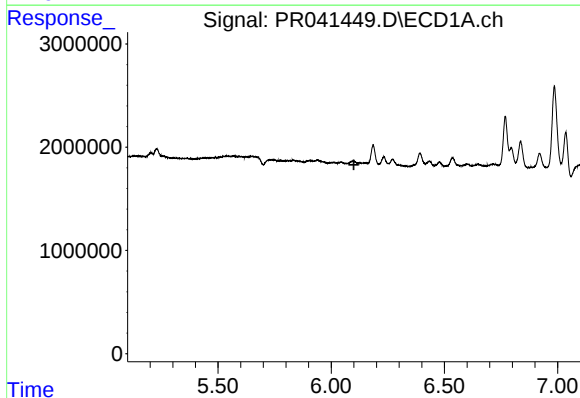
R.T.: 0.000 min
Exp R.T.: 6.000 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
ESNZ8



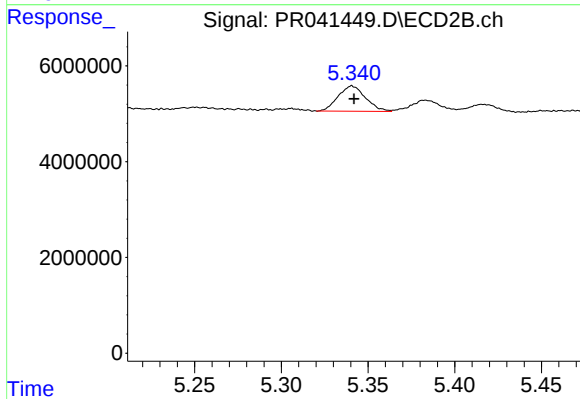
#5 AR-1016-3

R.T.: 5.306 min
Delta R.T.: 0.003 min
Response: 157766
Conc: 1.33 ng/ml



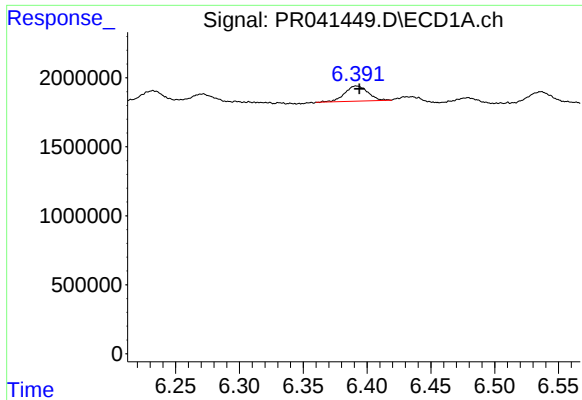
#6 AR-1016-4

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



#6 AR-1016-4

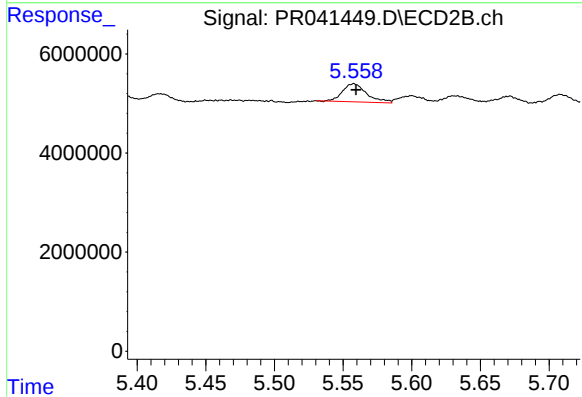
R.T.: 5.341 min
Delta R.T.: -0.001 min
Response: 5789719
Conc: 59.43 ng/ml



#7 AR-1016-5

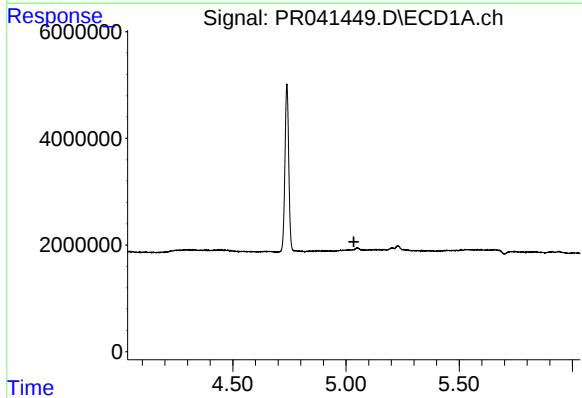
R.T.: 6.392 min
Delta R.T.: -0.002 min
Response: 1378029
Conc: 27.85 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNZ8



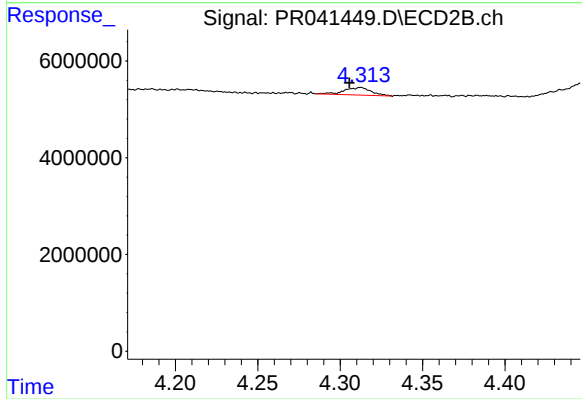
#7 AR-1016-5

R.T.: 5.558 min
Delta R.T.: -0.002 min
Response: 4509850
Conc: 32.44 ng/ml



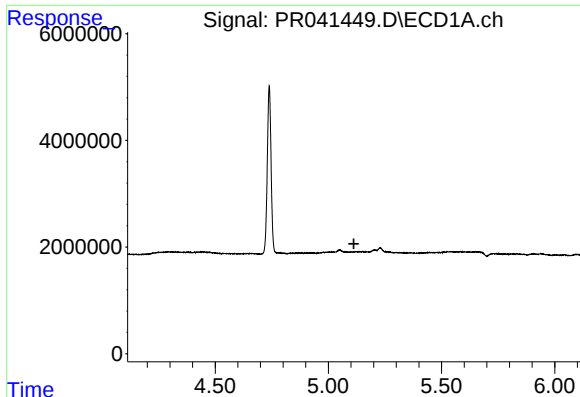
#9 AR-1221-2

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



#9 AR-1221-2

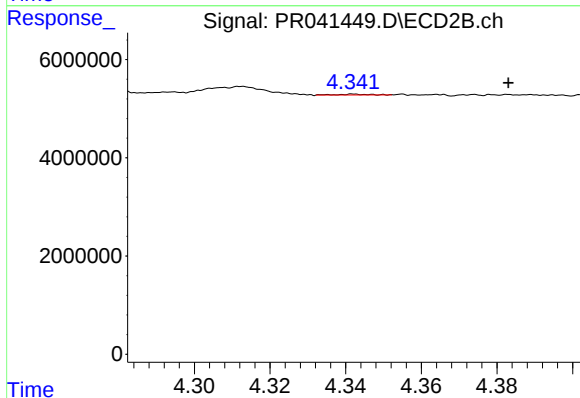
R.T.: 4.313 min
Delta R.T.: 0.007 min
Response: 1709858
Conc: 49.03 ng/ml



#10 AR-1221-3

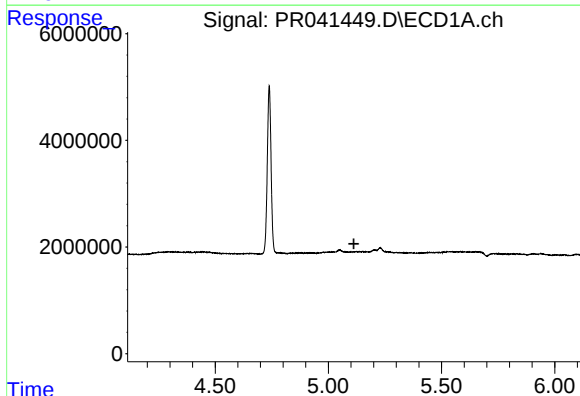
R.T.: 0.000 min
Exp R.T.: 5.113 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
ESNZ8



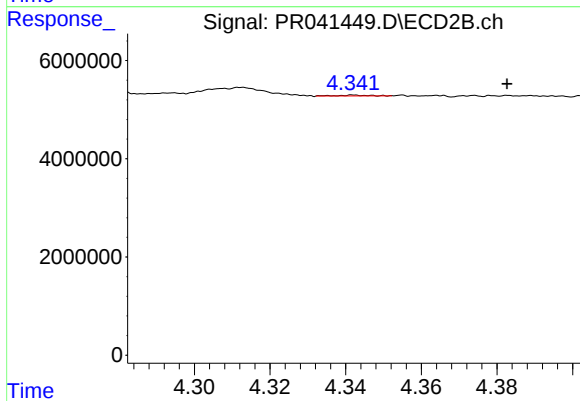
#10 AR-1221-3

R.T.: 4.342 min
Delta R.T.: -0.041 min
Response: 93918
Conc: 0.89 ng/ml



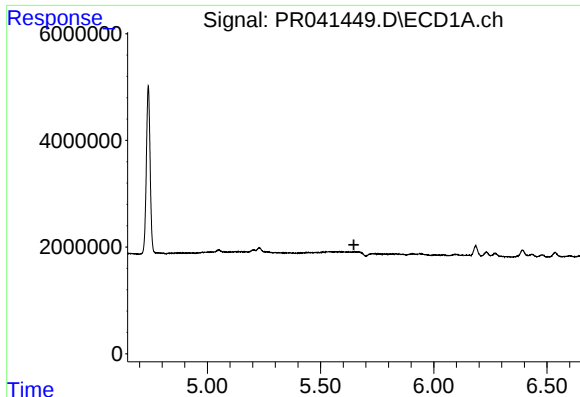
#11 AR-1232-1

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



#11 AR-1232-1

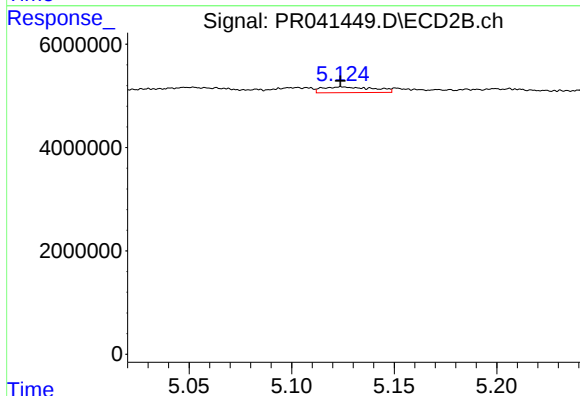
R.T.: 4.342 min
Delta R.T.: -0.040 min
Response: 93918
Conc: 1.17 ng/ml



#12 AR-1232-2

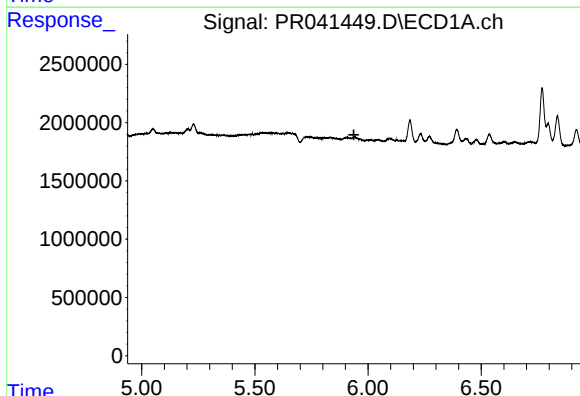
R.T.: 0.000 min
Exp R.T.: 5.647 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
ESNZ8



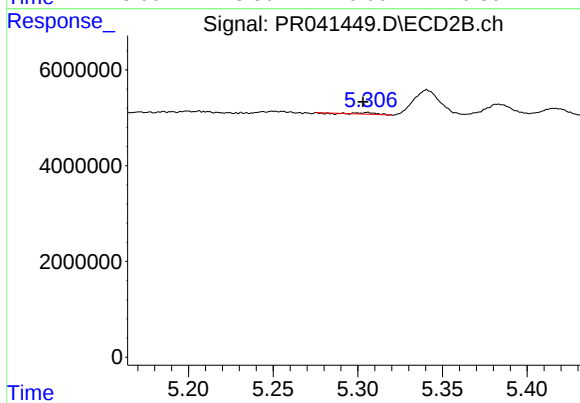
#12 AR-1232-2

R.T.: 5.124 min
Delta R.T.: 0.000 min
Response: 1935678
Conc: 19.90 ng/ml



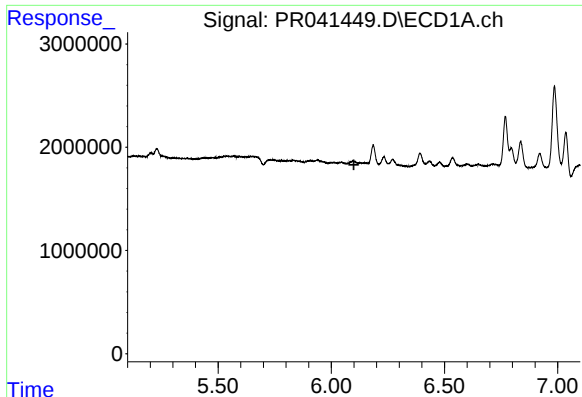
#13 AR-1232-3

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



#13 AR-1232-3

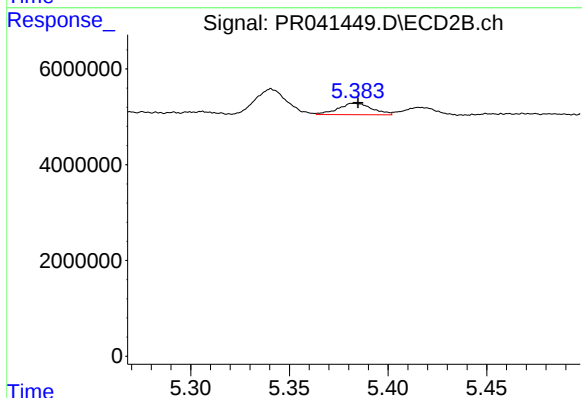
R.T.: 5.306 min
Delta R.T.: 0.003 min
Response: 157766
Conc: 3.51 ng/ml



#14 AR-1232-4

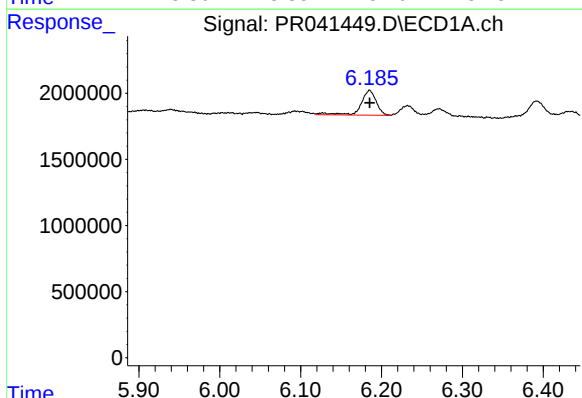
R.T.: 0.000 min
Exp R.T.: 6.100 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
ESNZ8



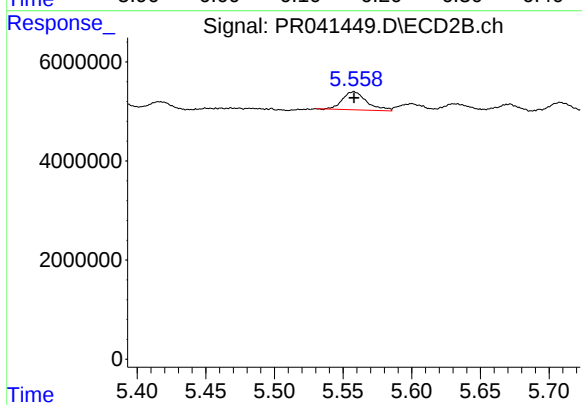
#14 AR-1232-4

R.T.: 5.384 min
Delta R.T.: -0.001 min
Response: 2842514
Conc: 67.86 ng/ml



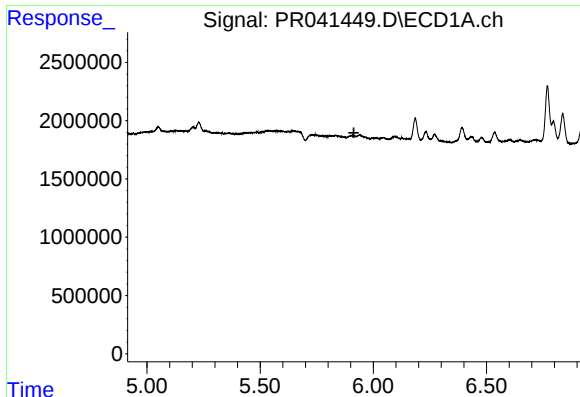
#15 AR-1232-5

R.T.: 6.185 min
Delta R.T.: 0.000 min
Response: 2480747
Conc: 179.53 ng/ml



#15 AR-1232-5

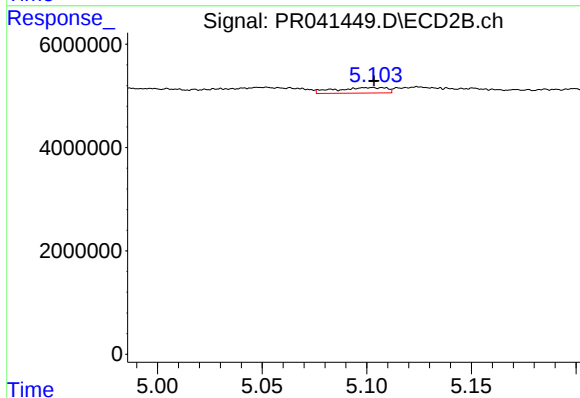
R.T.: 5.558 min
Delta R.T.: 0.000 min
Response: 4509850
Conc: 84.31 ng/ml



#16 AR-1242-1

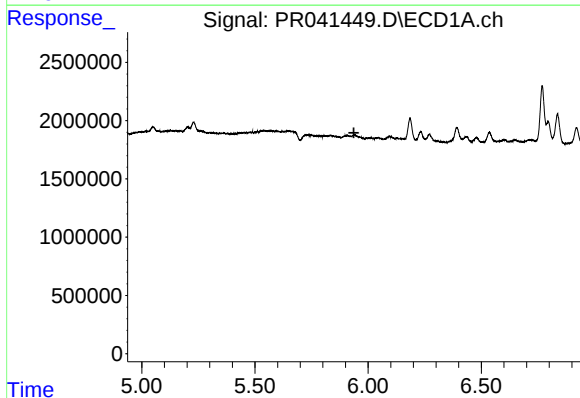
R.T.: 0.000 min
Exp R.T.: 5.914 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
ESNZ8



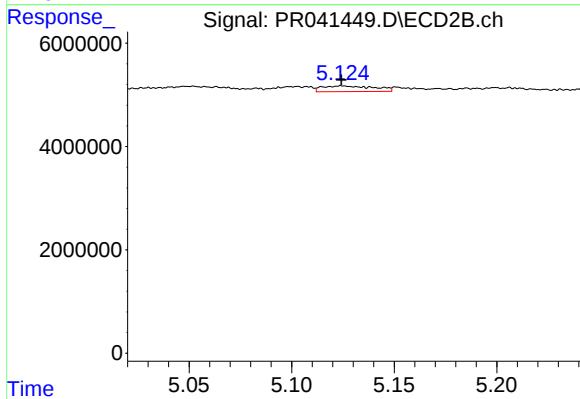
#16 AR-1242-1

R.T.: 5.107 min
Delta R.T.: 0.004 min
Response: 1813623
Conc: 16.17 ng/ml



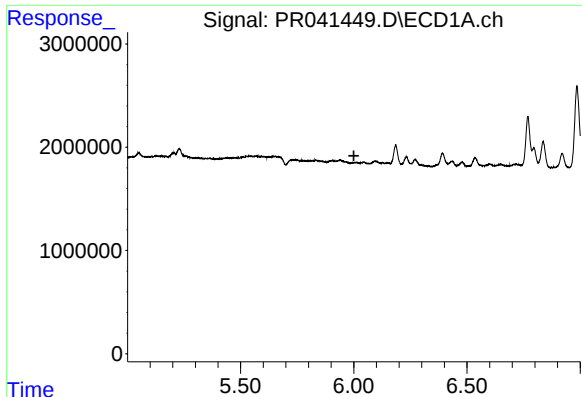
#17 AR-1242-2

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



#17 AR-1242-2

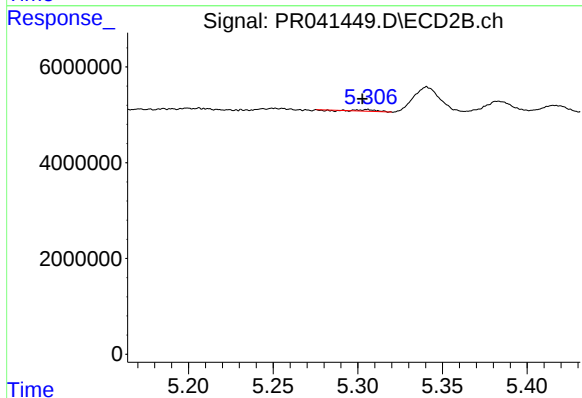
R.T.: 5.124 min
Delta R.T.: 0.000 min
Response: 1935678
Conc: 12.11 ng/ml



#18 AR-1242-3

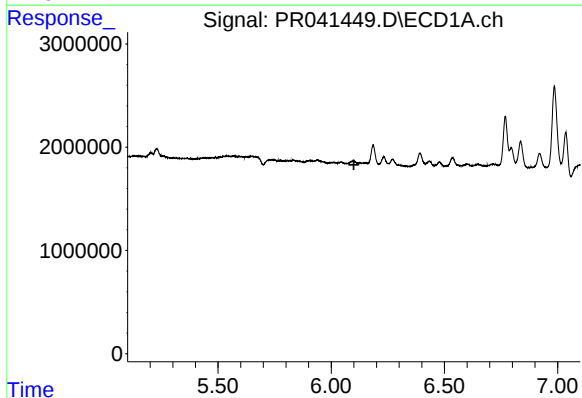
R.T.: 0.000 min
Exp R.T.: 6.000 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
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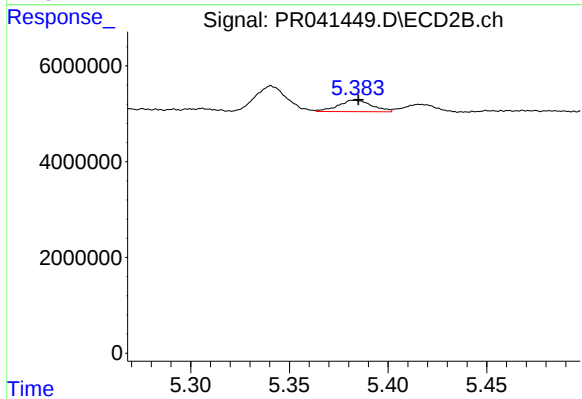
#18 AR-1242-3

R.T.: 5.306 min
Delta R.T.: 0.003 min
Response: 157766
Conc: 1.74 ng/ml



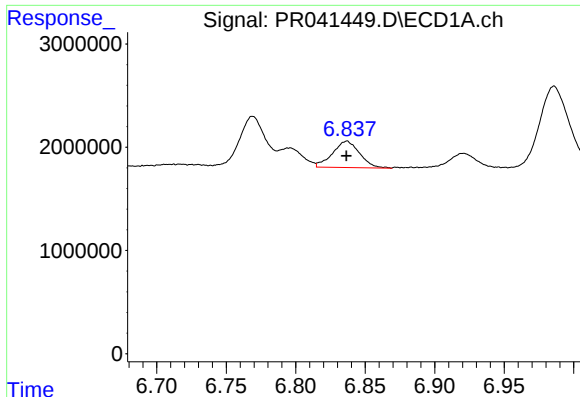
#19 AR-1242-4

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



#19 AR-1242-4

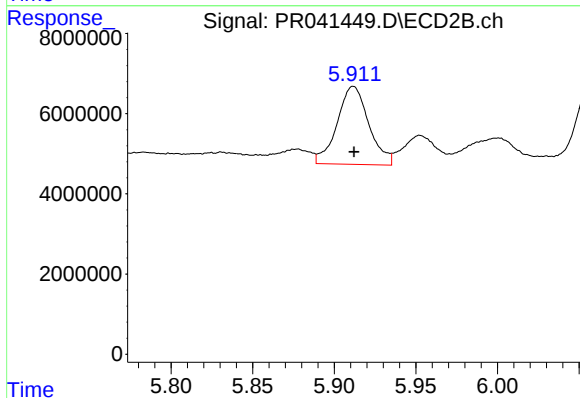
R.T.: 5.384 min
Delta R.T.: -0.001 min
Response: 2842514
Conc: 30.21 ng/ml



#20 AR-1242-5

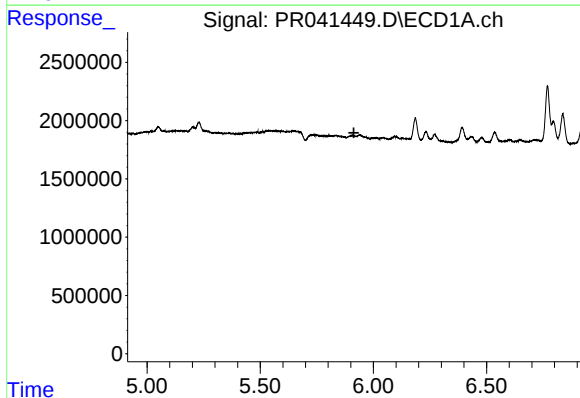
R.T.: 6.837 min
Delta R.T.: 0.000 min
Response: 3460846
Conc: 67.52 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNZ8



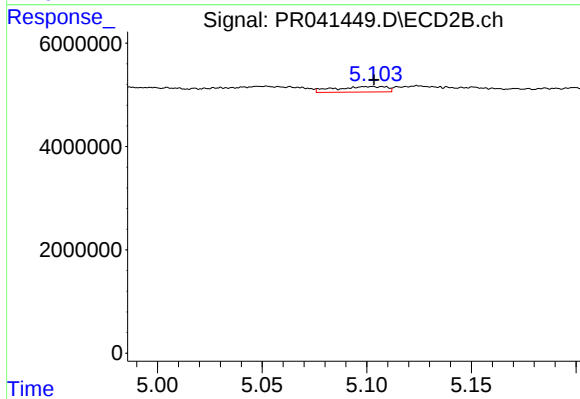
#20 AR-1242-5

R.T.: 5.912 min
Delta R.T.: 0.000 min
Response: 26331606
Conc: 155.22 ng/ml



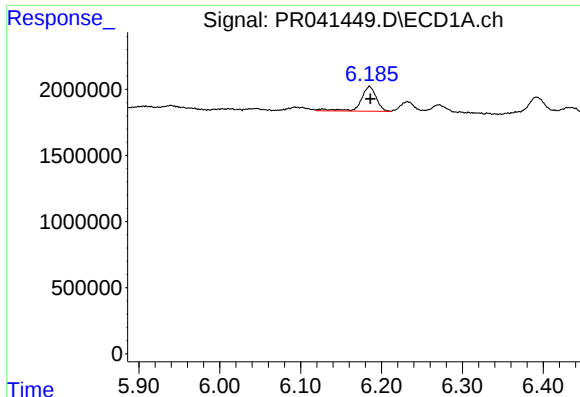
#21 AR-1248-1

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



#21 AR-1248-1

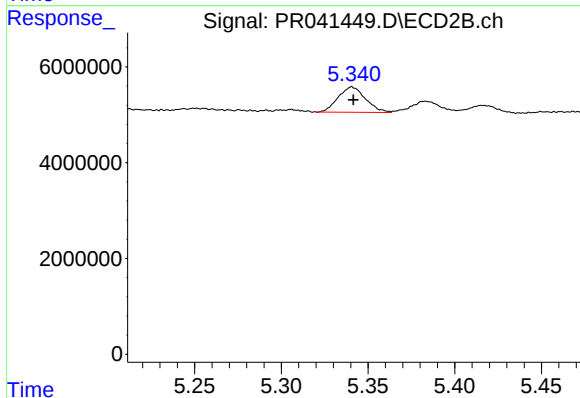
R.T.: 5.107 min
Delta R.T.: 0.004 min
Response: 1813623
Conc: 21.52 ng/ml



#22 AR-1248-2

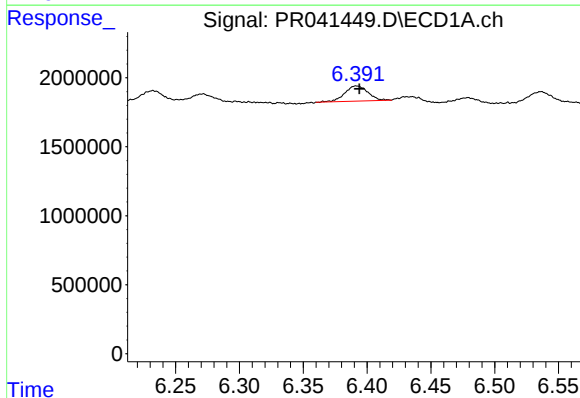
R.T.: 6.185 min
Delta R.T.: -0.001 min
Response: 2480747
Conc: 45.04 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNZ8



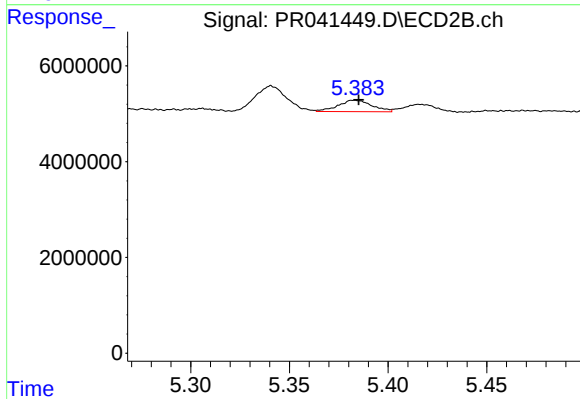
#22 AR-1248-2

R.T.: 5.341 min
Delta R.T.: 0.000 min
Response: 5789719
Conc: 47.60 ng/ml



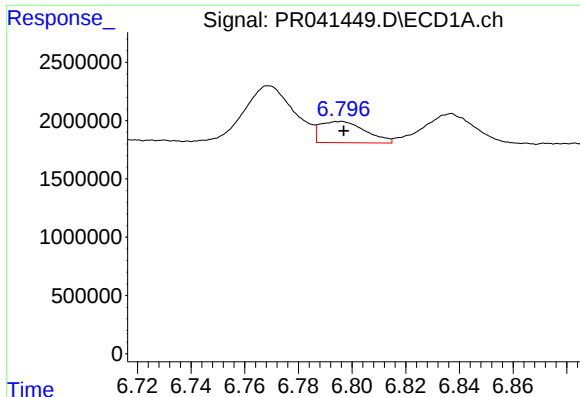
#23 AR-1248-3

R.T.: 6.392 min
Delta R.T.: -0.002 min
Response: 1378029
Conc: 21.46 ng/ml



#23 AR-1248-3

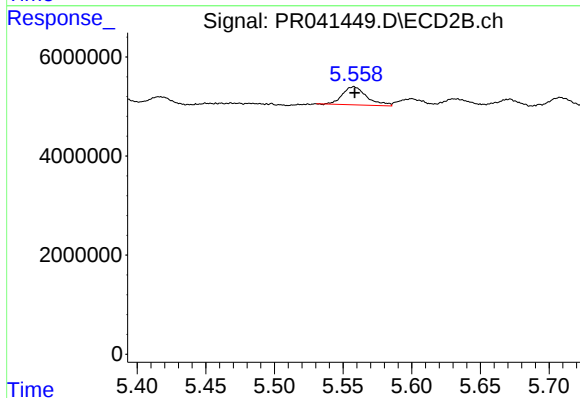
R.T.: 5.384 min
Delta R.T.: -0.002 min
Response: 2842514
Conc: 22.42 ng/ml



#24 AR-1248-4

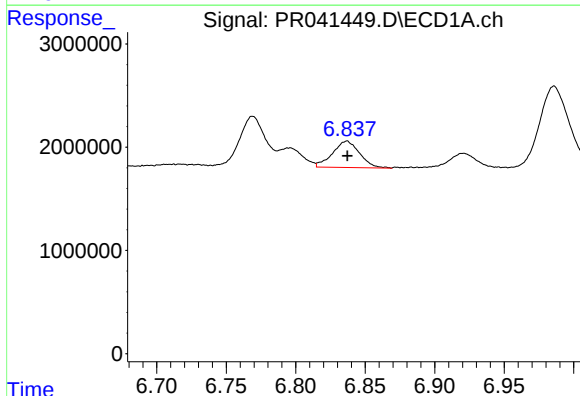
R.T.: 6.796 min
Delta R.T.: -0.001 min
Response: 2144094
Conc: 25.12 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNZ8



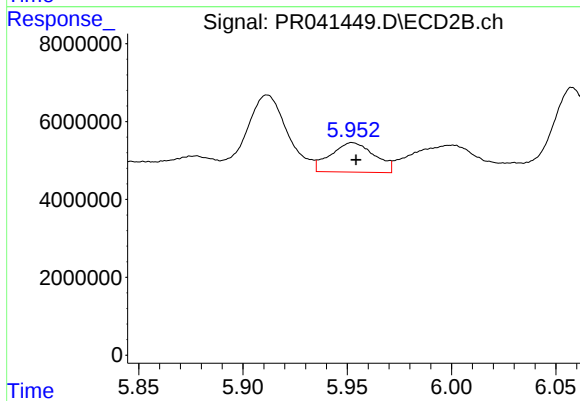
#24 AR-1248-4

R.T.: 5.558 min
Delta R.T.: 0.000 min
Response: 4509850
Conc: 26.87 ng/ml



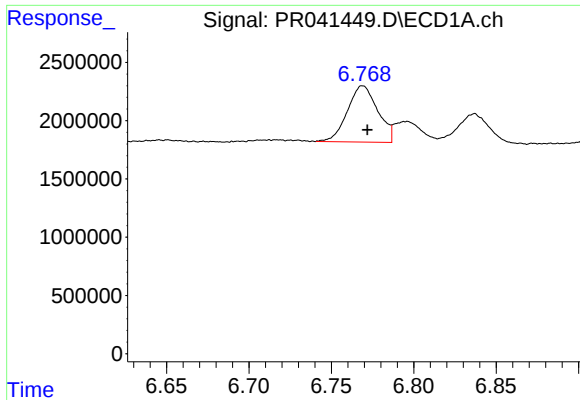
#25 AR-1248-5

R.T.: 6.837 min
Delta R.T.: 0.000 min
Response: 3460846
Conc: 42.47 ng/ml



#25 AR-1248-5

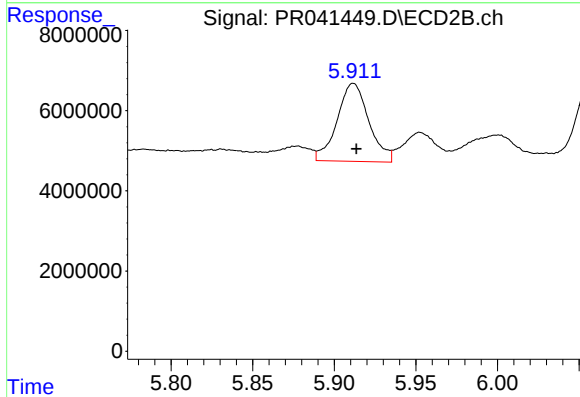
R.T.: 5.953 min
Delta R.T.: -0.002 min
Response: 11059795
Conc: 50.80 ng/ml



#26 AR-1254-1

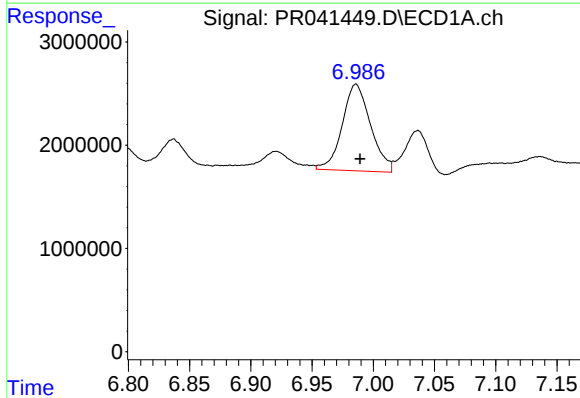
R.T.: 6.769 min
Delta R.T.: -0.003 min
Response: 6186551
Conc: 74.34 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNZ8



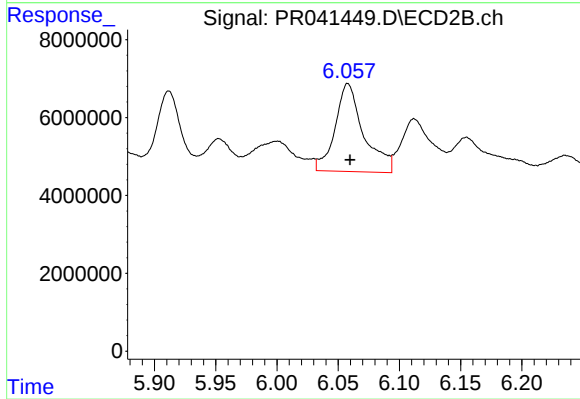
#26 AR-1254-1

R.T.: 5.912 min
Delta R.T.: -0.002 min
Response: 26331606
Conc: 81.20 ng/ml



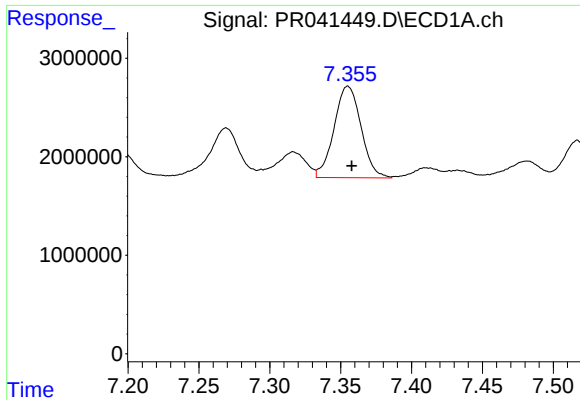
#27 AR-1254-2

R.T.: 6.986 min
Delta R.T.: -0.003 min
Response: 13547184
Conc: 96.41 ng/ml



#27 AR-1254-2

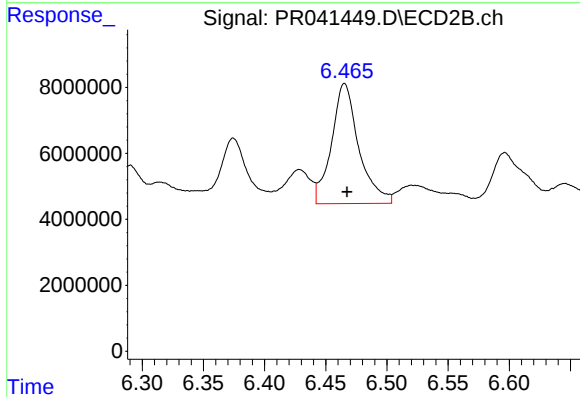
R.T.: 6.058 min
Delta R.T.: -0.002 min
Response: 36798280
Conc: 120.45 ng/ml



#28 AR-1254-3

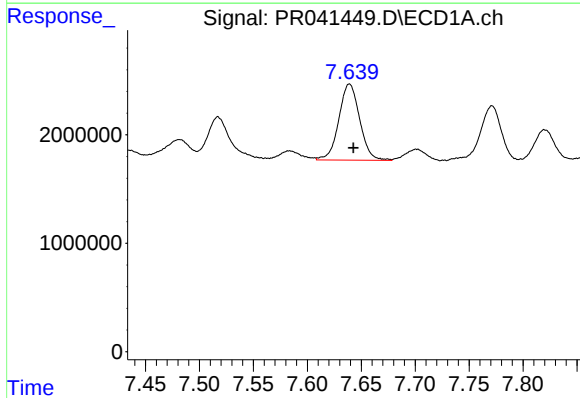
R.T.: 7.355 min
Delta R.T.: -0.003 min
Response: 12317893
Conc: 72.70 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNZ8



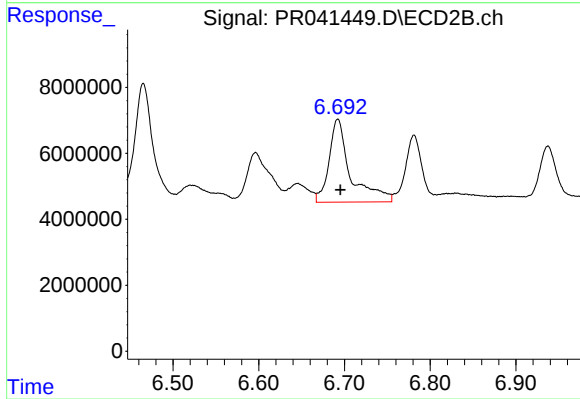
#28 AR-1254-3

R.T.: 6.465 min
Delta R.T.: -0.002 min
Response: 56596232
Conc: 101.14 ng/ml



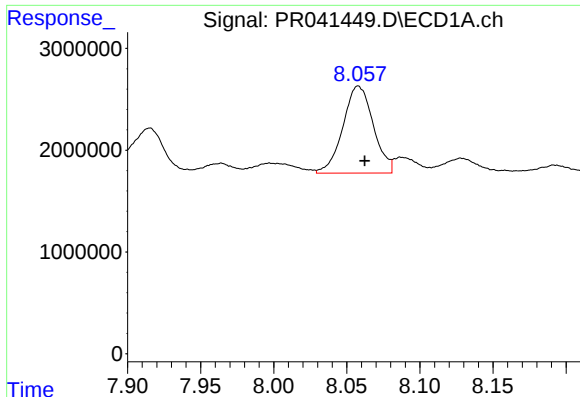
#29 AR-1254-4

R.T.: 7.639 min
Delta R.T.: -0.004 min
Response: 9453796
Conc: 69.64 ng/ml



#29 AR-1254-4

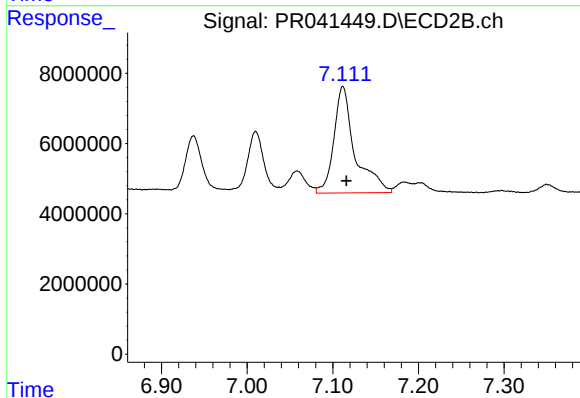
R.T.: 6.692 min
Delta R.T.: -0.003 min
Response: 43878628
Conc: 102.82 ng/ml



#30 AR-1254-5

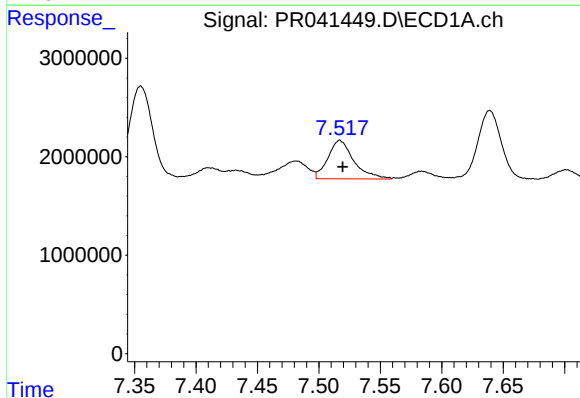
R.T.: 8.058 min
Delta R.T.: -0.004 min
Response: 12384577
Conc: 80.54 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNZ8



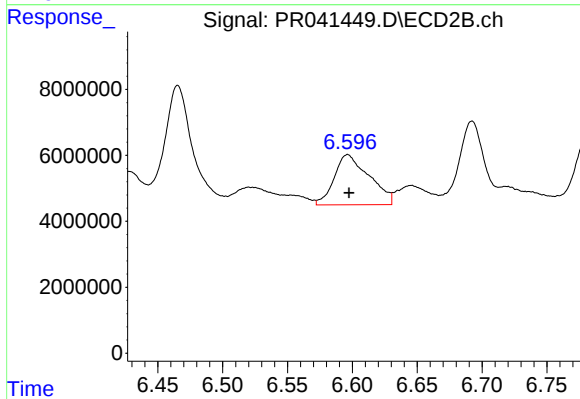
#30 AR-1254-5

R.T.: 7.112 min
Delta R.T.: -0.004 min
Response: 52039703
Conc: 89.95 ng/ml



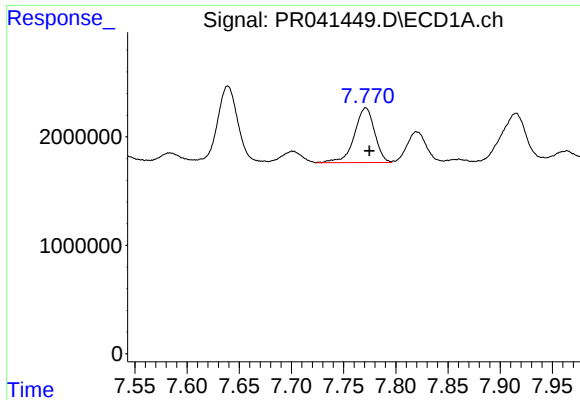
#31 AR-1260-1

R.T.: 7.517 min
Delta R.T.: -0.002 min
Response: 5749244
Conc: 48.55 ng/ml



#31 AR-1260-1

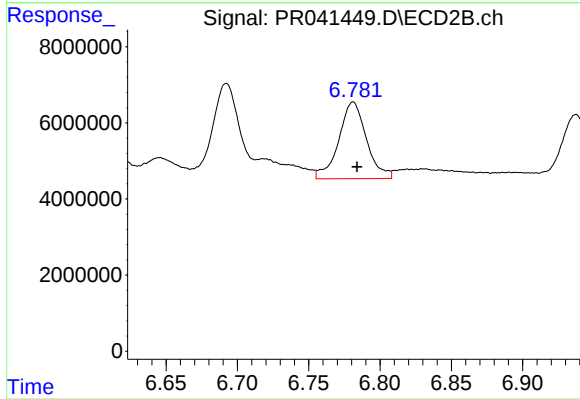
R.T.: 6.597 min
Delta R.T.: 0.000 min
Response: 28528566
Conc: 73.25 ng/ml



#32 AR-1260-2

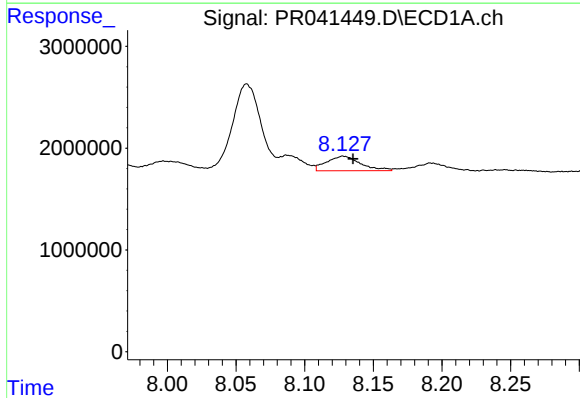
R.T.: 7.771 min
Delta R.T.: -0.003 min
Response: 6837736
Conc: 46.34 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNZ8



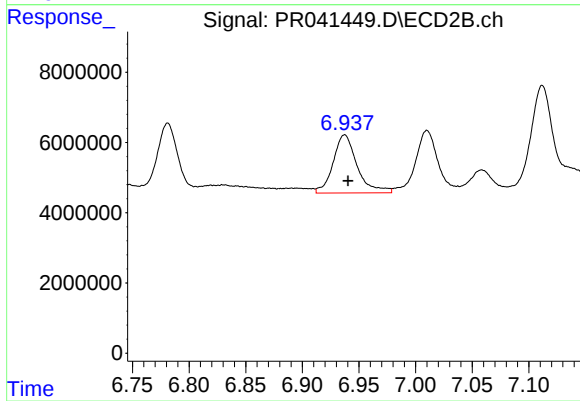
#32 AR-1260-2

R.T.: 6.781 min
Delta R.T.: -0.003 min
Response: 27337559
Conc: 50.71 ng/ml



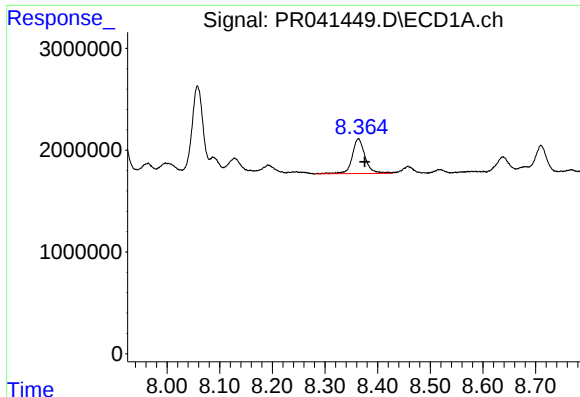
#33 AR-1260-3

R.T.: 8.128 min
Delta R.T.: -0.007 min
Response: 2465055
Conc: 21.26 ng/ml



#33 AR-1260-3

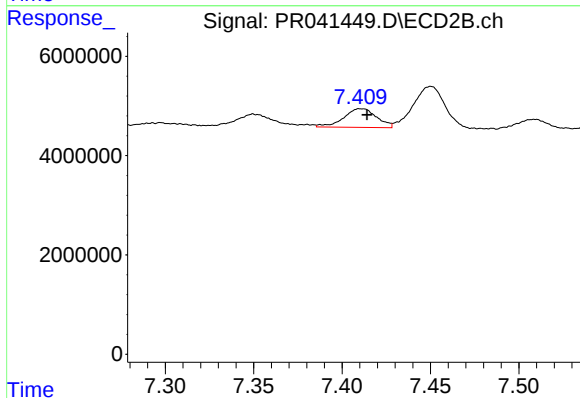
R.T.: 6.937 min
Delta R.T.: -0.003 min
Response: 24452103
Conc: 52.35 ng/ml



#34 AR-1260-4

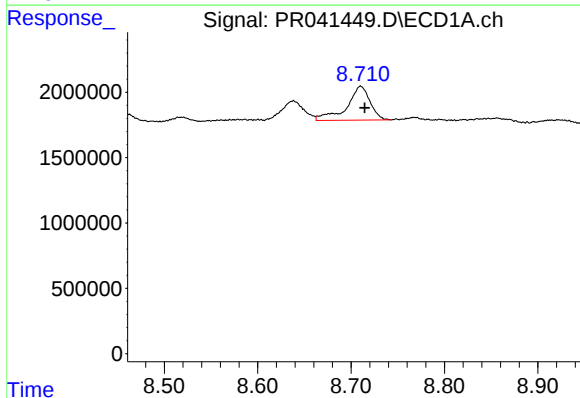
R.T.: 8.363 min
Delta R.T.: -0.012 min
Response: 5831326
Conc: 40.84 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNZ8



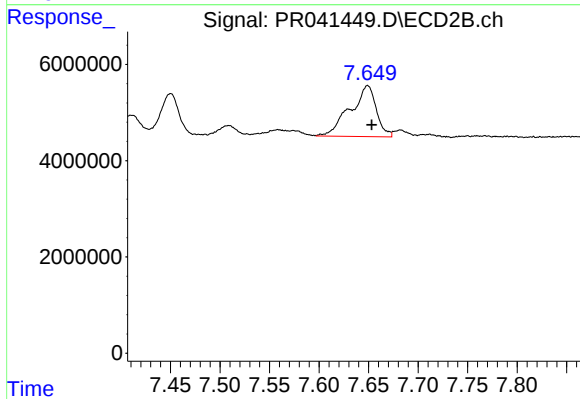
#34 AR-1260-4

R.T.: 7.411 min
Delta R.T.: -0.003 min
Response: 4885073
Conc: 11.53 ng/ml



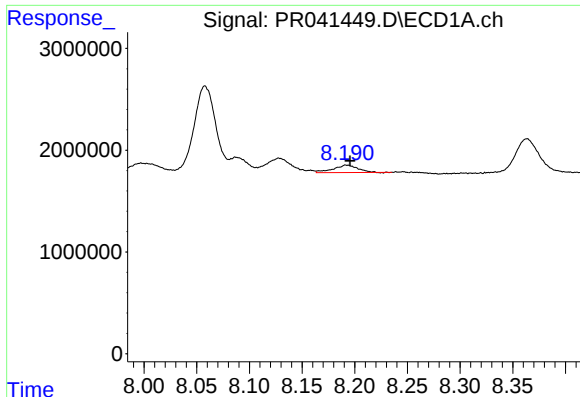
#35 AR-1260-5

R.T.: 8.710 min
Delta R.T.: -0.004 min
Response: 4489779
Conc: 14.57 ng/ml



#35 AR-1260-5

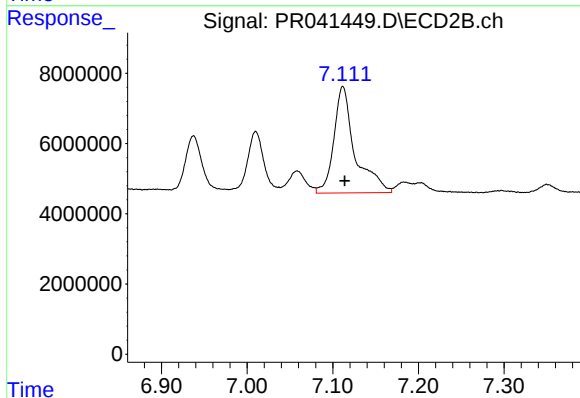
R.T.: 7.649 min
Delta R.T.: -0.004 min
Response: 19528537
Conc: 16.03 ng/ml



#36 AR-1262-1

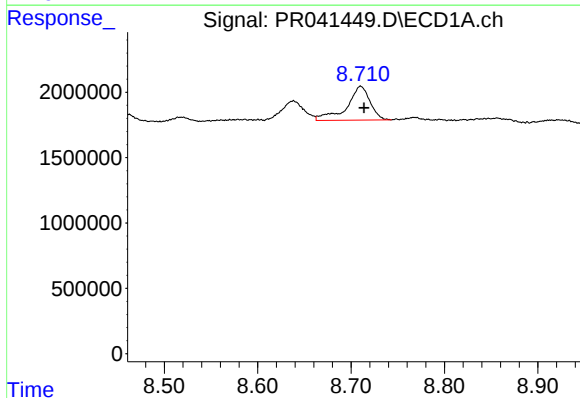
R.T.: 8.192 min
Delta R.T.: -0.004 min
Response: 1155077
Conc: 15.00 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNZ8



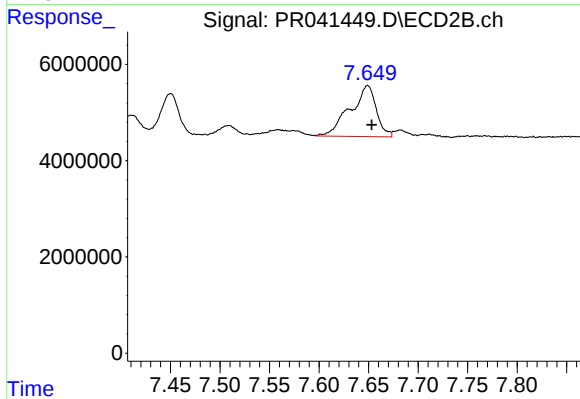
#36 AR-1262-1

R.T.: 7.112 min
Delta R.T.: -0.002 min
Response: 52039703
Conc: 155.48 ng/ml



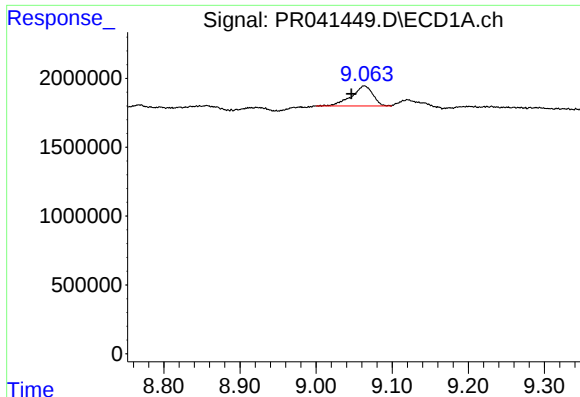
#37 AR-1262-2

R.T.: 8.710 min
Delta R.T.: -0.004 min
Response: 4489779
Conc: 11.84 ng/ml



#37 AR-1262-2

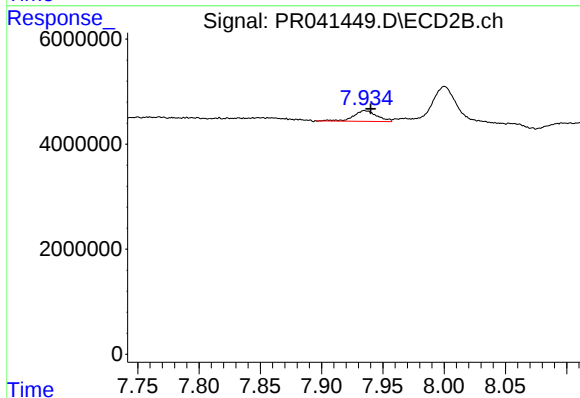
R.T.: 7.649 min
Delta R.T.: -0.004 min
Response: 19528537
Conc: 14.14 ng/ml



#38 AR-1262-3

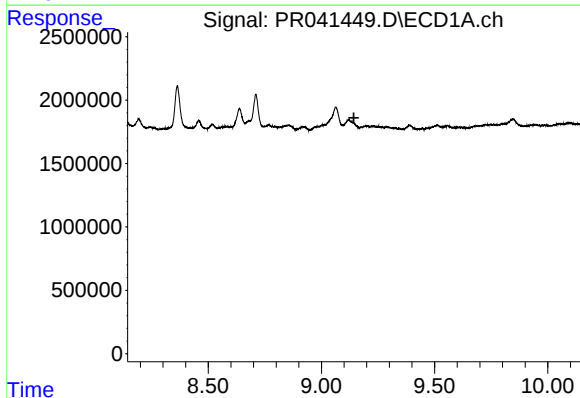
R.T.: 9.063 min
Delta R.T.: 0.017 min
Response: 2827681
Conc: 10.72 ng/ml

Instrument :
ECD_R
ClientSampleId :
ESNZ8



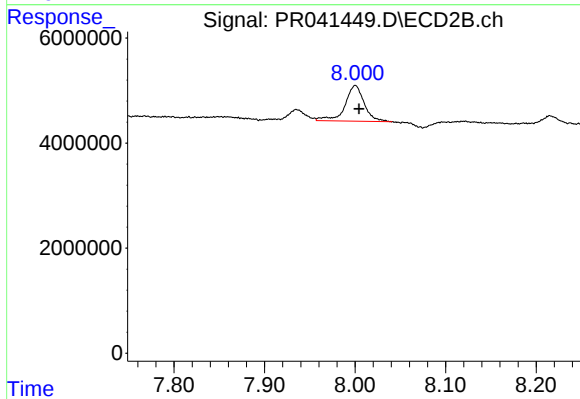
#38 AR-1262-3

R.T.: 7.936 min
Delta R.T.: -0.004 min
Response: 2708845
Conc: 4.74 ng/ml



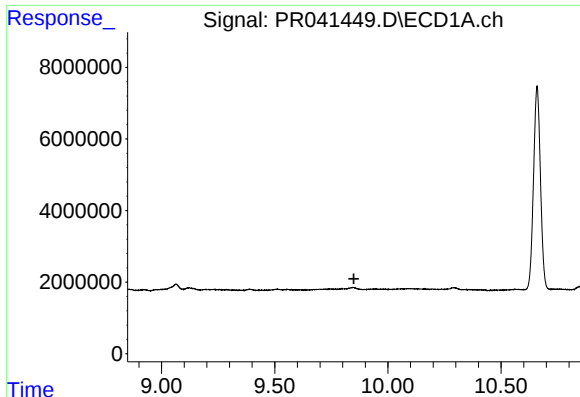
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 9.144 min
Response: 0
Conc: N.D.



#39 AR-1262-4

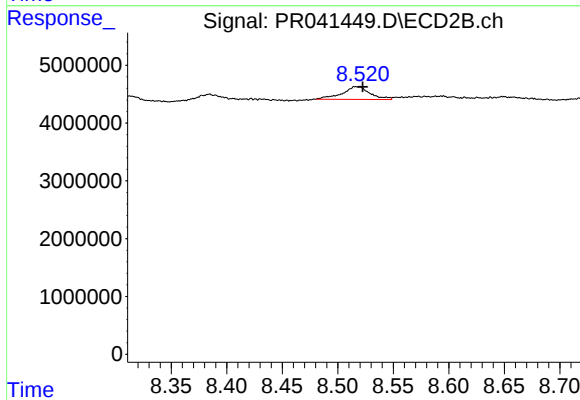
R.T.: 8.000 min
Delta R.T.: -0.004 min
Response: 10020391
Conc: 9.89 ng/ml



#40 AR-1262-5

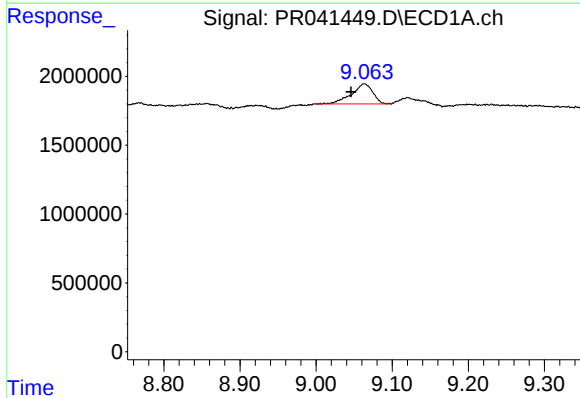
R.T.: 0.000 min
Exp R.T.: 9.850 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
ESNZ8



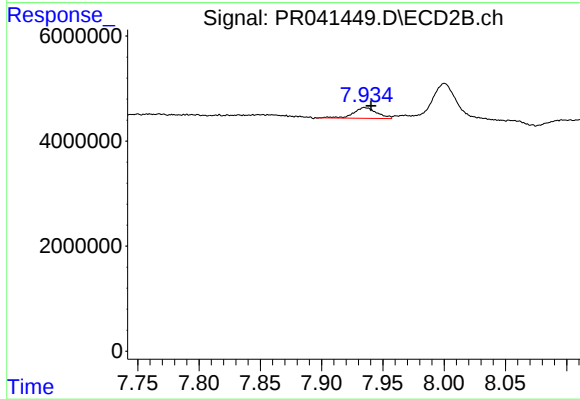
#40 AR-1262-5

R.T.: 8.518 min
Delta R.T.: -0.005 min
Response: 3832596
Conc: 6.85 ng/ml



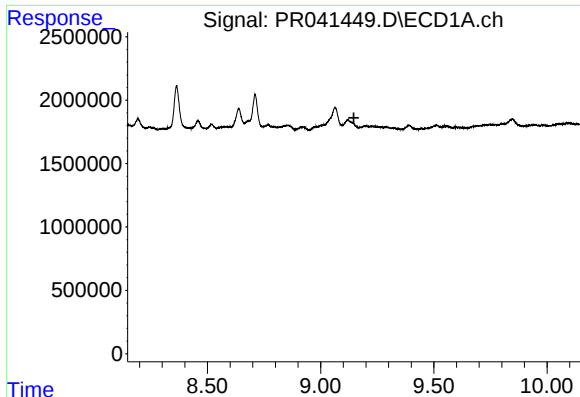
#41 AR-1268-1

R.T.: 9.063 min
Delta R.T.: 0.017 min
Response: 2827681
Conc: 5.88 ng/ml



#41 AR-1268-1

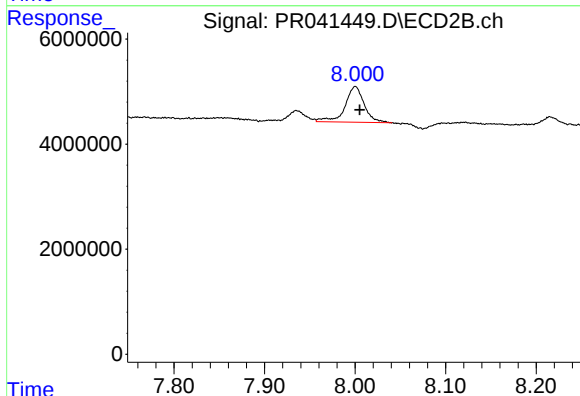
R.T.: 7.936 min
Delta R.T.: -0.005 min
Response: 2708845
Conc: 1.60 ng/ml



#42 AR-1268-2

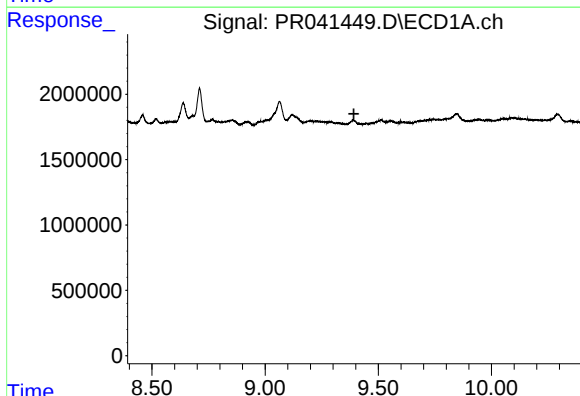
R.T.: 0.000 min
Exp R.T.: 9.147 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
ESNZ8



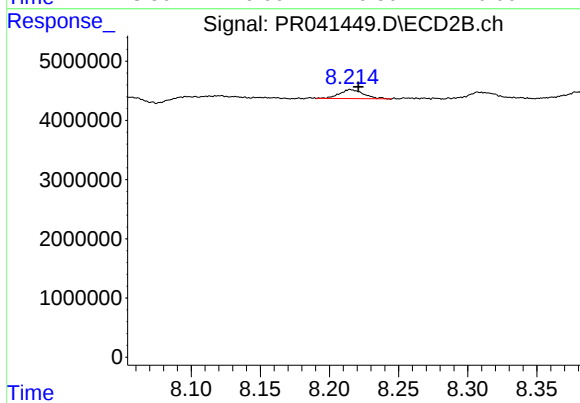
#42 AR-1268-2

R.T.: 8.000 min
Delta R.T.: -0.005 min
Response: 10020391
Conc: 6.41 ng/ml



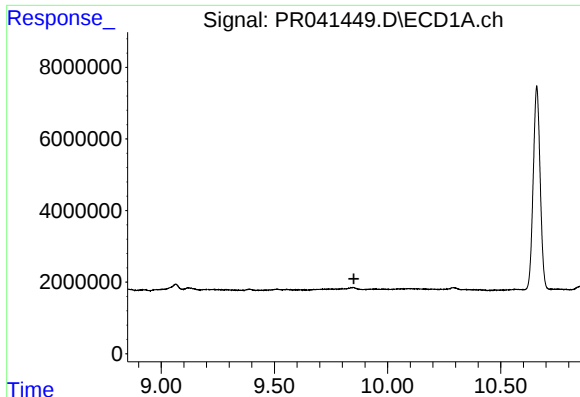
#43 AR-1268-3

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



#43 AR-1268-3

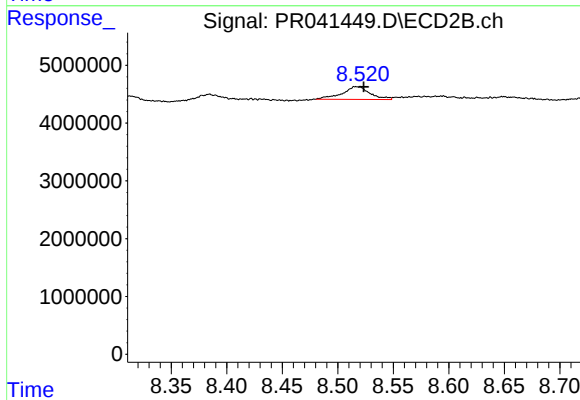
R.T.: 8.216 min
Delta R.T.: -0.005 min
Response: 1814108
Conc: 1.37 ng/ml



#44 AR-1268-4

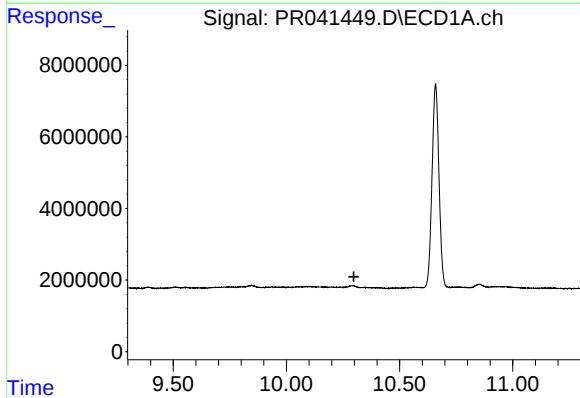
R.T.: 0.000 min
Exp R.T. : 9.851 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
ESNZ8



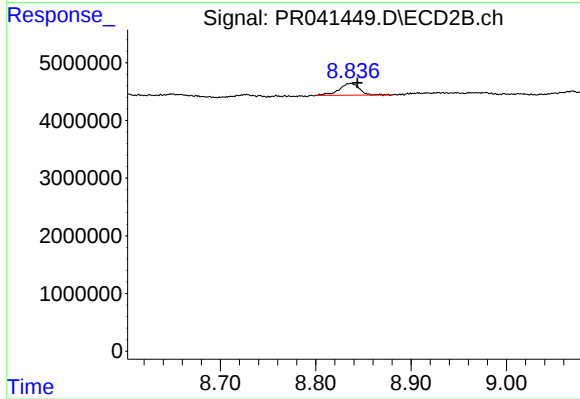
#44 AR-1268-4

R.T.: 8.518 min
Delta R.T.: -0.006 min
Response: 3832596
Conc: 6.39 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 10.298 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 8.836 min
Delta R.T.: -0.007 min
Response: 2986150
Conc: 0.68 ng/ml