

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR100819\
 Data File : PR042160.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Oct 2019 11:06
 Operator : SM\AJ
 Sample : AR1268CCC400
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR1268376

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 10 01:51:13 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR100319CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 04 06:59:35 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...	4.718	3.982	104.7E6	397.9E6	25.742	26.023
2)	SA Decachlor...	10.633	9.091	190.5E6	600.9E6	55.453	60.607
Target Compounds							
3)	L1 AR-1016-1	5.896	0.000	768066	0	5.350	N.D. #
4)	L1 AR-1016-2	5.918	0.000	948791	0	4.640	N.D. #
5)	L1 AR-1016-3	5.984	0.000	424103	0	3.488	N.D. #
6)	L1 AR-1016-4	6.079	0.000	491575	0	4.834	N.D. #
7)	L1 AR-1016-5	6.374	0.000	2997855	0	30.108	N.D. #
9)	L2 AR-1221-2	5.029	4.288	1249487	4781877	43.066	38.909
10)	L2 AR-1221-3	5.029f	0.000	1249487	0	12.843	N.D. #
11)	L3 AR-1232-1	5.029f	0.000	1249487	0	14.932	N.D. #
12)	L3 AR-1232-2	5.628	0.000	423513	0	9.831	N.D. #
13)	L3 AR-1232-3	5.918	0.000	948791	0	10.552	N.D. #
14)	L3 AR-1232-4	6.079	0.000	491575	0	11.046	N.D. #
15)	L3 AR-1232-5	6.168	0.000	1010475	0	30.759	N.D. #
16)	L4 AR-1242-1	5.896	0.000	768066	0	6.965	N.D. #
17)	L4 AR-1242-2	5.918	0.000	948791	0	6.111	N.D. #
18)	L4 AR-1242-3	5.984	0.000	424103	0	4.520	N.D. #
19)	L4 AR-1242-4	6.079	0.000	491575	0	6.328	N.D. #
20)	L4 AR-1242-5	6.817	0.000	2525358	0	28.852	N.D. #
21)	L5 AR-1248-1	5.896	0.000	768066	0	9.230	N.D. #
22)	L5 AR-1248-2	6.168	0.000	1010475	0	8.806	N.D. #
23)	L5 AR-1248-3	6.374	0.000	2997855	0	23.121	N.D. #
24)	L5 AR-1248-4	6.779	0.000	1759967	0	11.470	N.D. #
25)	L5 AR-1248-5	6.817	0.000	2525358	0	17.442	N.D. #
26)	L6 AR-1254-1	6.750	0.000	3167404	0	19.395	N.D. #
27)	L6 AR-1254-2	6.976	0.000	1762785	0	7.105	N.D. #
28)	L6 AR-1254-3	7.340	0.000	1729532	0	6.409	N.D. #
29)	L6 AR-1254-4	7.623	0.000	1880735	0	9.267	N.D. #
30)	L6 AR-1254-5	8.026	7.125	1260035	130.9E6	5.925	152.418 #
31)	L7 AR-1260-1	7.505	0.000	1321763	0	6.976	N.D. #
32)	L7 AR-1260-2	7.756	0.000	1687773	0	7.141	N.D. #
33)	L7 AR-1260-3	8.116	6.921	33019564	8260333	175.890	11.949 #
34)	L7 AR-1260-4	8.376	7.386	43022640	165.4E6	214.079	284.946 #
35)	L7 AR-1260-5	8.693	7.626	17297999	62288846	39.960	38.311
36)	L8 AR-1262-1	8.176	7.125	2067005	130.9E6	21.959	300.318 #
37)	L8 AR-1262-2	8.693	7.626	17297999	62288846	40.103	36.183
38)	L8 AR-1262-3	9.023	7.912	177.0E6	667.5E6	634.891	1022.646 #
39)	L8 AR-1262-4	9.124	7.978	160.2E6	589.0E6	782.095	504.005 #
40)	L8 AR-1262-5	9.825	8.493	58786780	194.6E6	407.536	363.770
41)	L9 AR-1268-1	9.023	7.912	177.0E6	667.5E6	322.210	304.433
42)	L9 AR-1268-2	9.124	7.978	160.2E6	589.0E6	322.274	295.986
43)	L9 AR-1268-3	9.368	8.191	132.3E6	491.2E6	324.403	293.107

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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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
44) L9	AR-1268-4	9.825	8.493	58786780	194.6E6	335.067	301.516
45) L9	AR-1268-5	10.269	8.811	440.4E6	1454.4E6	337.984	316.927

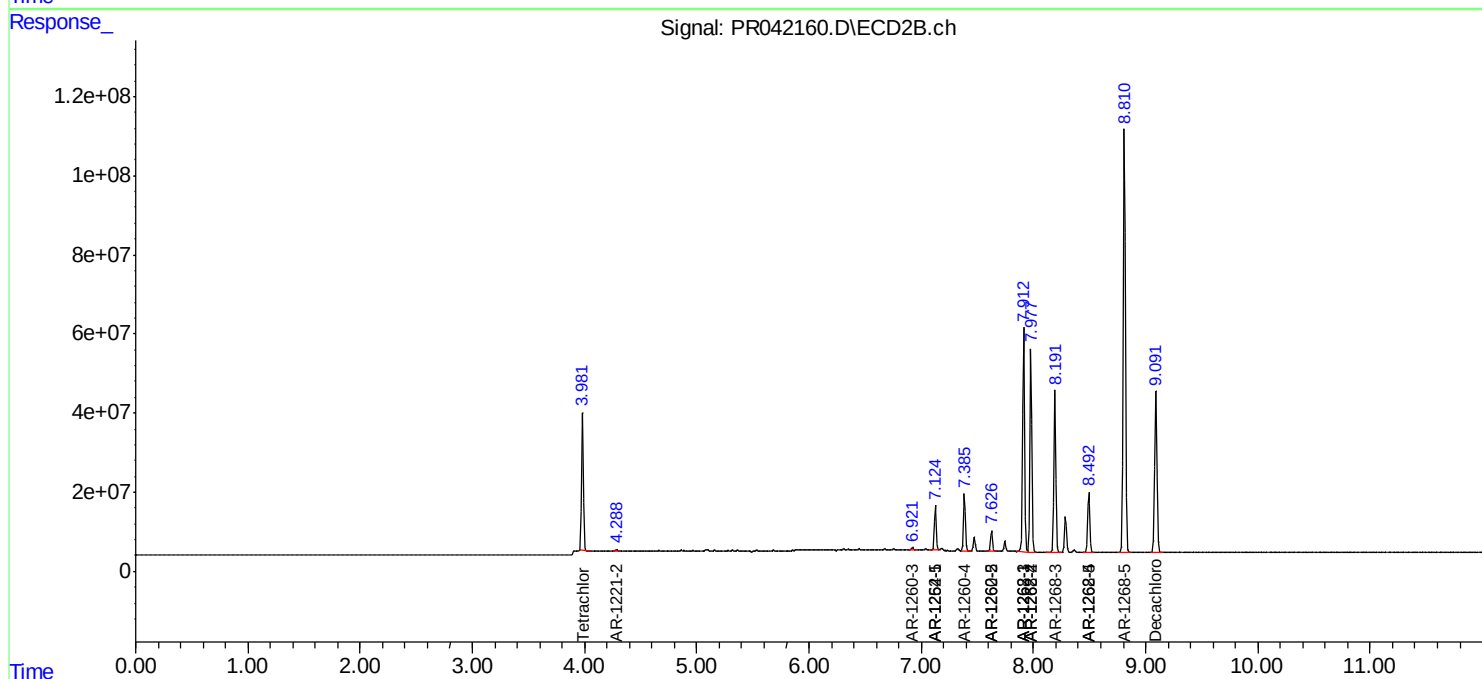
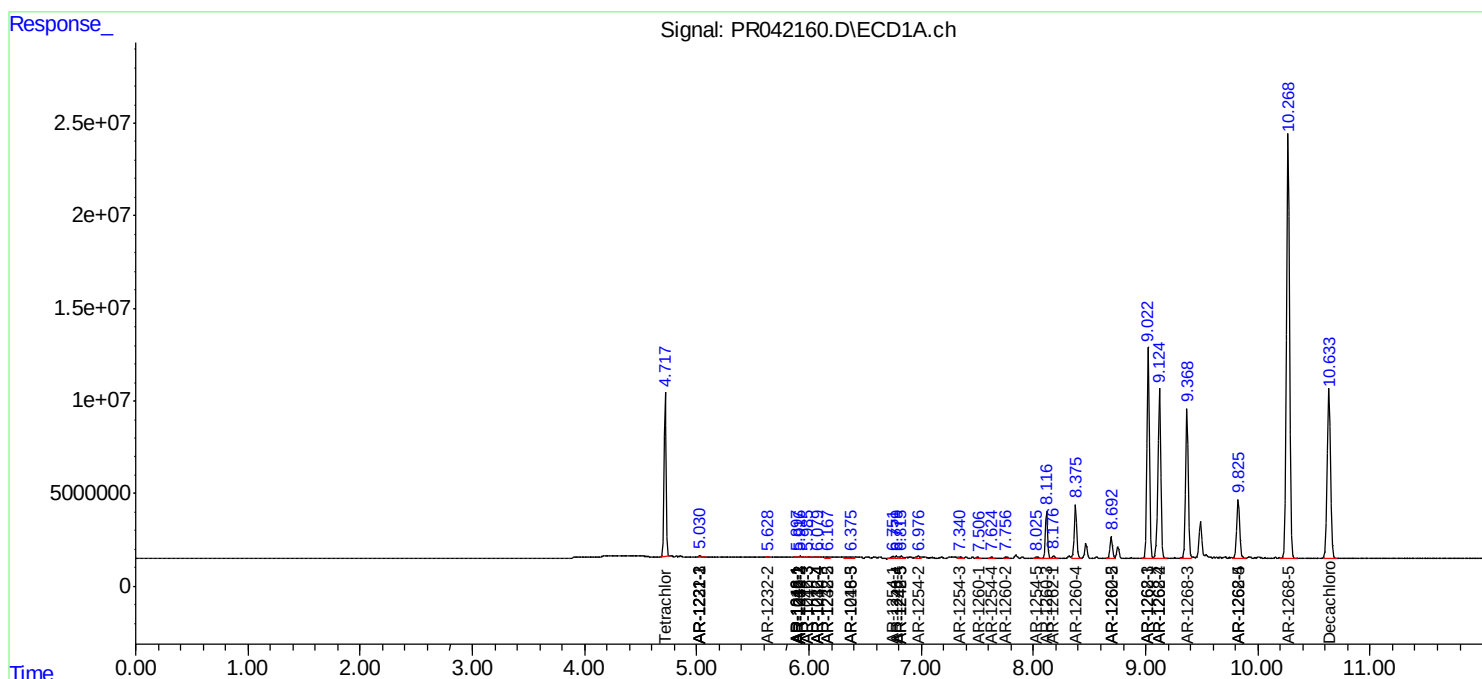
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

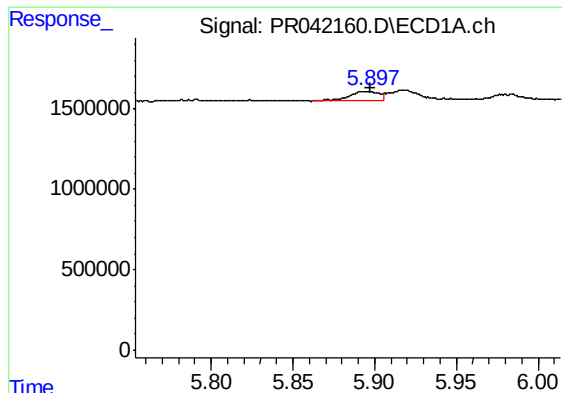
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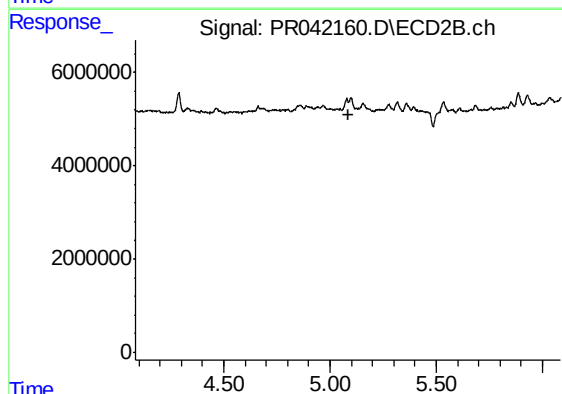




#3 AR-1016-1

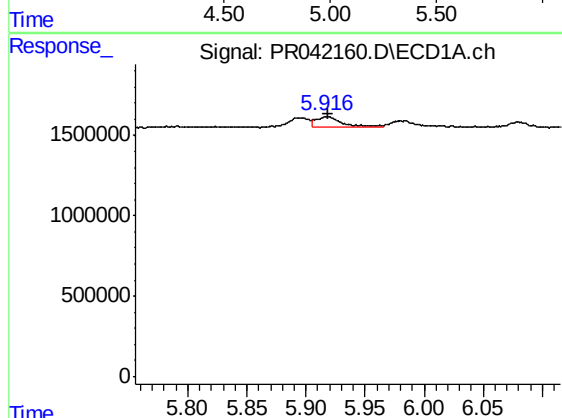
R.T.: 5.896 min
Delta R.T.: 0.000 min
Response: 768066
Conc: 5.35 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1268376



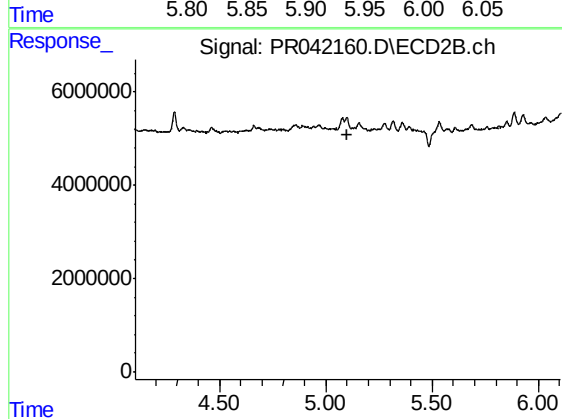
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 5.084 min
Response: 0
Conc: N.D.



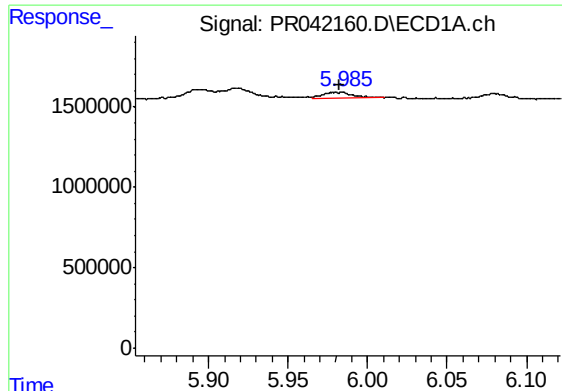
#4 AR-1016-2

R.T.: 5.918 min
Delta R.T.: -0.002 min
Response: 948791
Conc: 4.64 ng/ml



#4 AR-1016-2

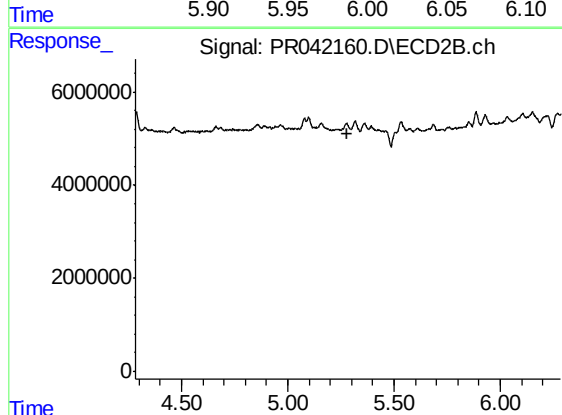
R.T.: 0.000 min
Exp R.T. : 5.104 min
Response: 0
Conc: N.D.



#5 AR-1016-3

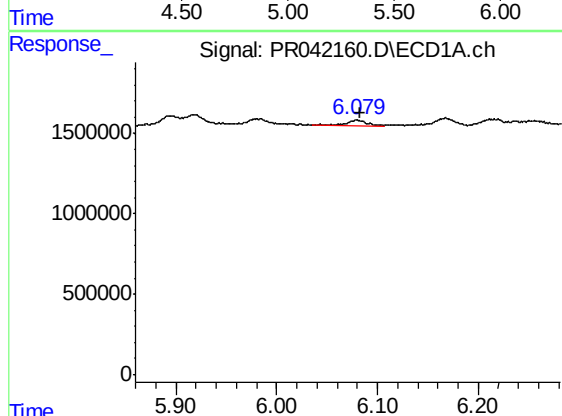
R.T.: 5.984 min
Delta R.T.: 0.001 min
Response: 424103
Conc: 3.49 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1268376



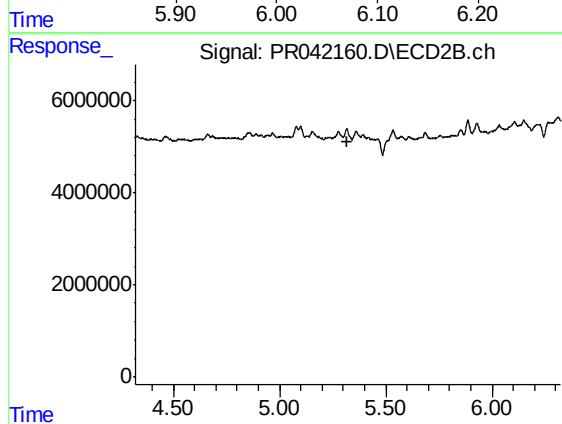
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.283 min
Response: 0
Conc: N.D.



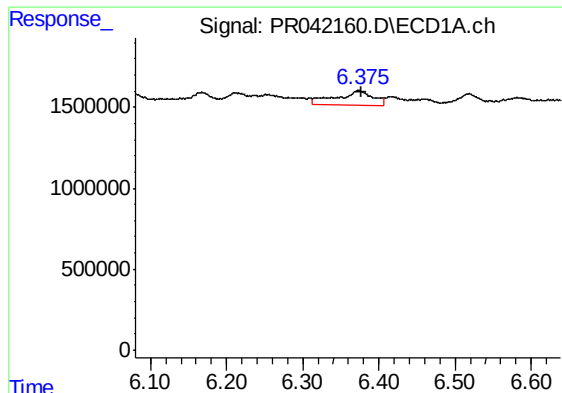
#6 AR-1016-4

R.T.: 6.079 min
Delta R.T.: -0.004 min
Response: 491575
Conc: 4.83 ng/ml



#6 AR-1016-4

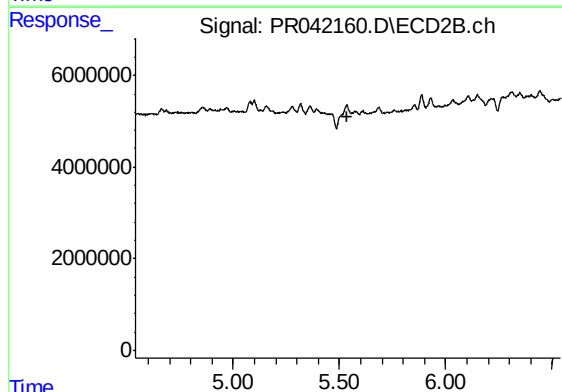
R.T.: 0.000 min
Exp R.T. : 5.322 min
Response: 0
Conc: N.D.



#7 AR-1016-5

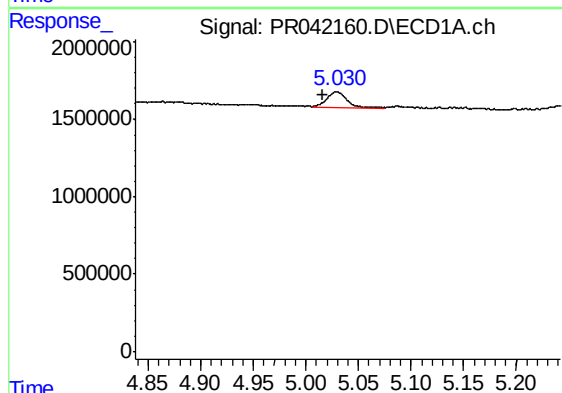
R.T.: 6.374 min
Delta R.T.: -0.003 min
Response: 2997855
Conc: 30.11 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1268376



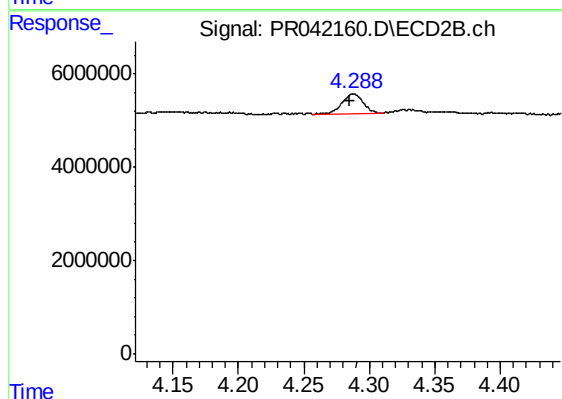
#7 AR-1016-5

R.T.: 0.000 min
Exp R.T. : 5.539 min
Response: 0
Conc: N.D.



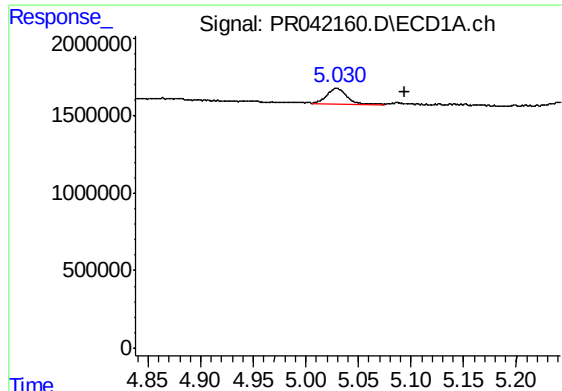
#9 AR-1221-2

R.T.: 5.029 min
Delta R.T.: 0.013 min
Response: 1249487
Conc: 43.07 ng/ml



#9 AR-1221-2

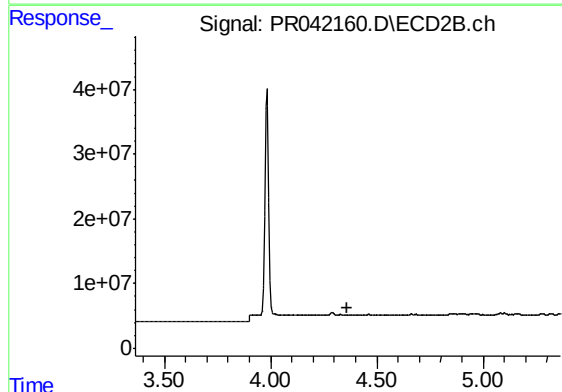
R.T.: 4.288 min
Delta R.T.: 0.003 min
Response: 4781877
Conc: 38.91 ng/ml



#10 AR-1221-3

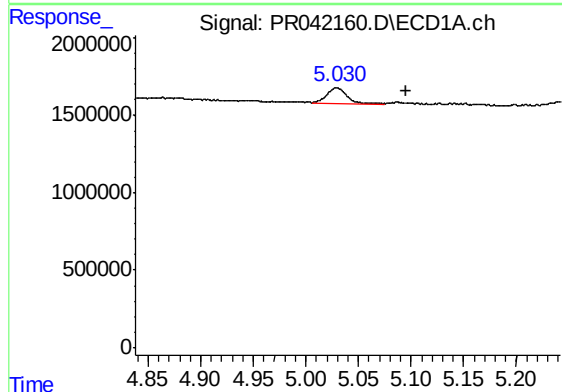
R.T.: 5.029 min
Delta R.T.: -0.065 min
Response: 1249487
Conc: 12.84 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1268376



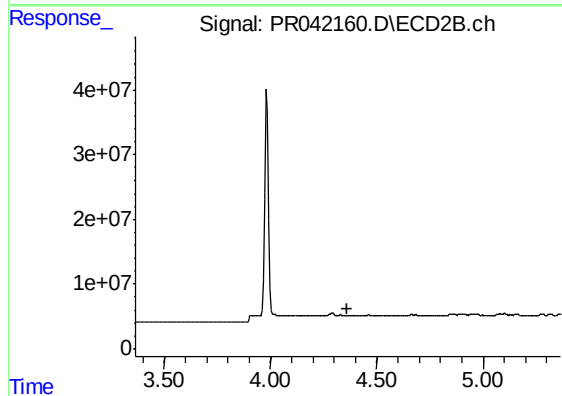
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 4.363 min
Response: 0
Conc: N.D.



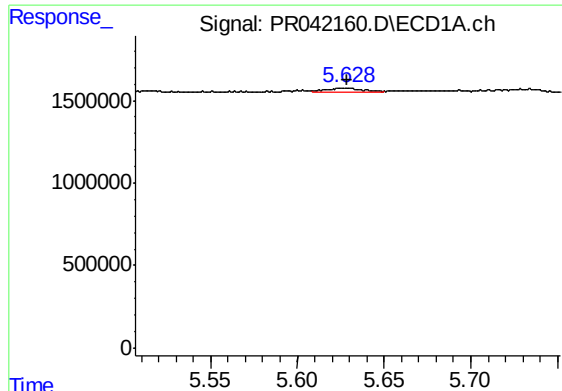
#11 AR-1232-1

R.T.: 5.029 min
Delta R.T.: -0.066 min
Response: 1249487
Conc: 14.93 ng/ml



#11 AR-1232-1

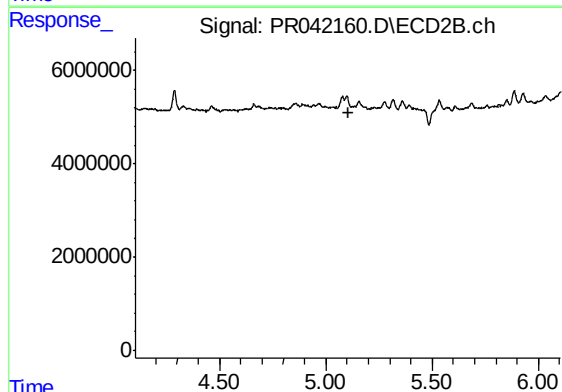
R.T.: 0.000 min
Exp R.T. : 4.364 min
Response: 0
Conc: N.D.



#12 AR-1232-2

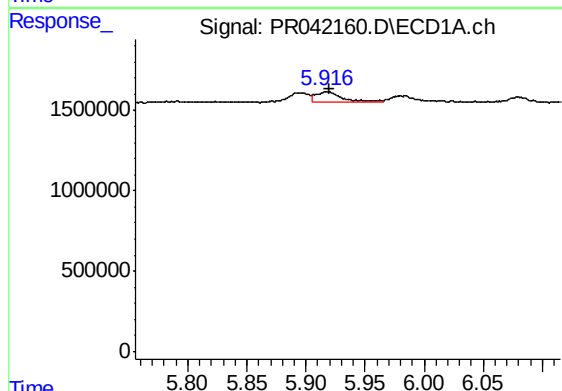
R.T.: 5.628 min
Delta R.T.: 0.000 min
Response: 423513
Conc: 9.83 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1268376



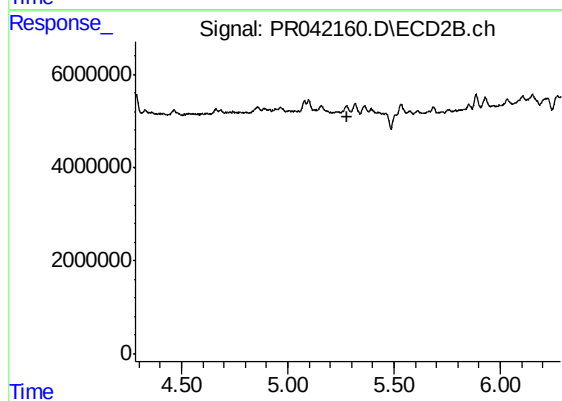
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.104 min
Response: 0
Conc: N.D.



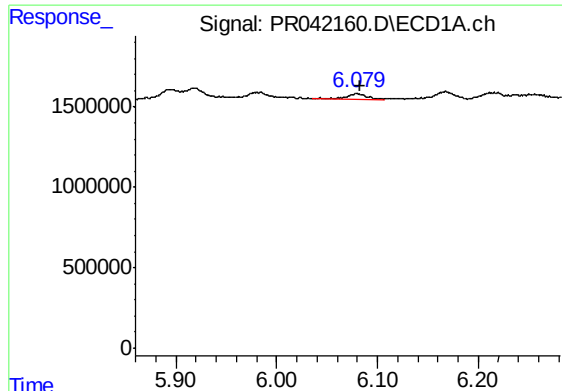
#13 AR-1232-3

R.T.: 5.918 min
Delta R.T.: -0.002 min
Response: 948791
Conc: 10.55 ng/ml



#13 AR-1232-3

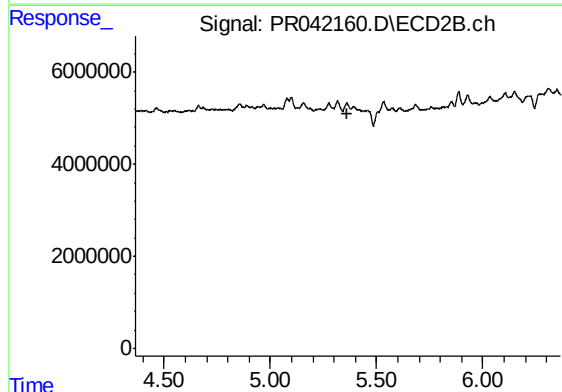
R.T.: 0.000 min
Exp R.T. : 5.283 min
Response: 0
Conc: N.D.



#14 AR-1232-4

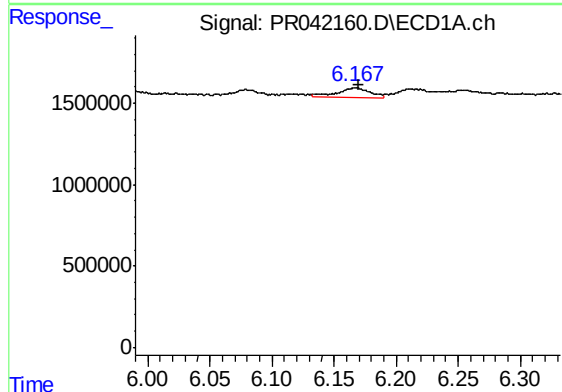
R.T.: 6.079 min
Delta R.T.: -0.004 min
Response: 491575
Conc: 11.05 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1268376



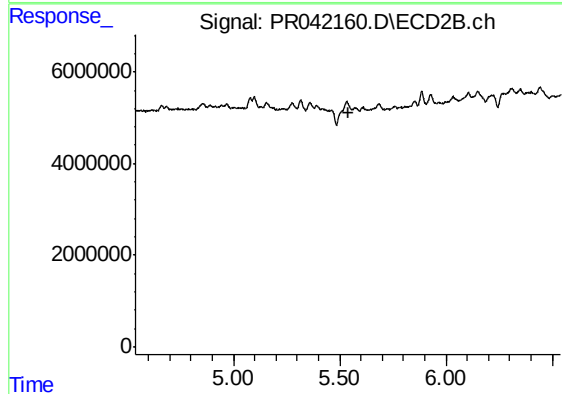
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 5.365 min
Response: 0
Conc: N.D.



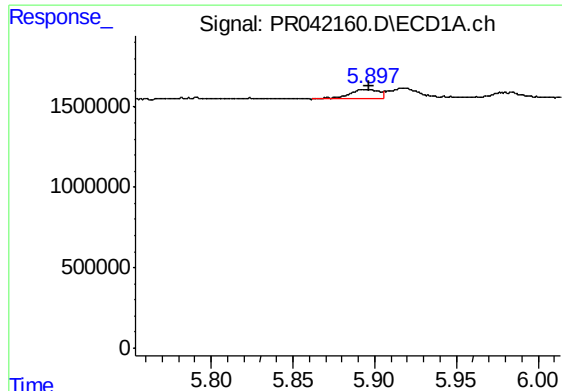
#15 AR-1232-5

R.T.: 6.168 min
Delta R.T.: -0.002 min
Response: 1010475
Conc: 30.76 ng/ml



#15 AR-1232-5

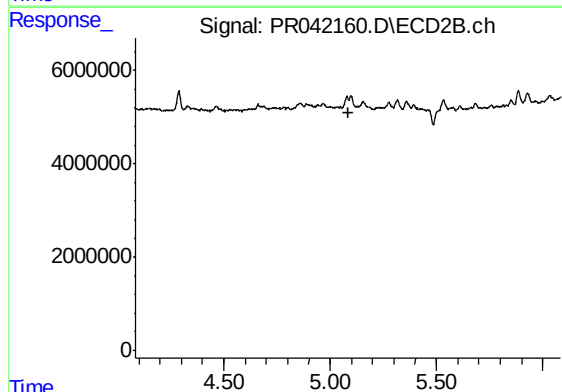
R.T.: 0.000 min
Exp R.T. : 5.539 min
Response: 0
Conc: N.D.



#16 AR-1242-1

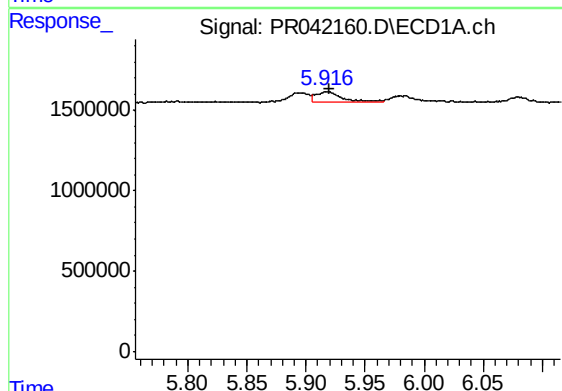
R.T.: 5.896 min
Delta R.T.: 0.000 min
Response: 768066
Conc: 6.96 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1268376



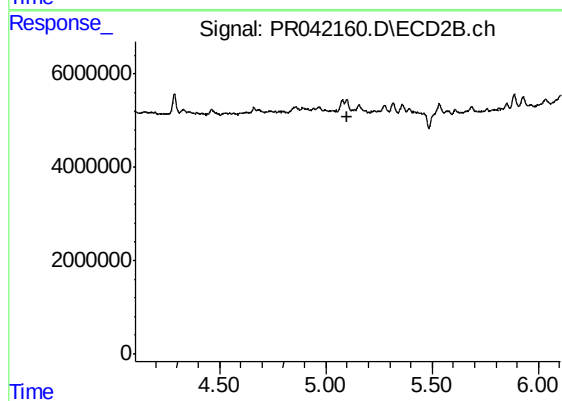
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 5.084 min
Response: 0
Conc: N.D.



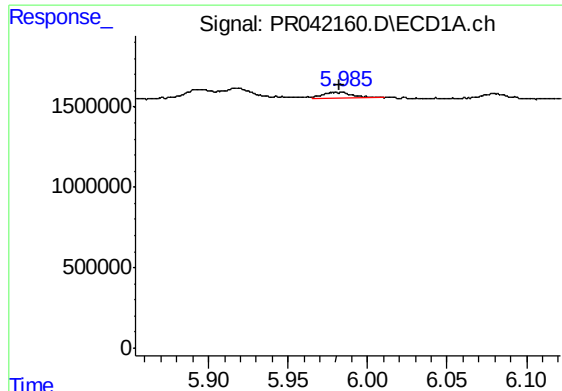
#17 AR-1242-2

R.T.: 5.918 min
Delta R.T.: -0.002 min
Response: 948791
Conc: 6.11 ng/ml



#17 AR-1242-2

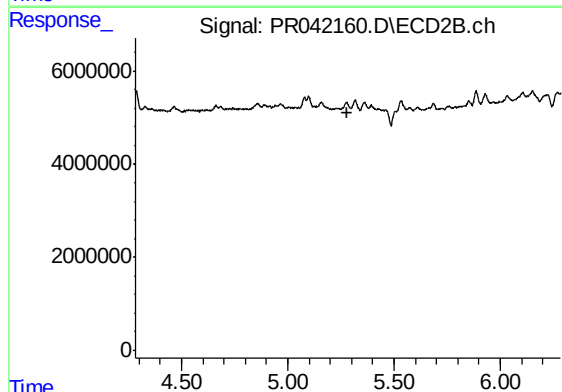
R.T.: 0.000 min
Exp R.T. : 5.104 min
Response: 0
Conc: N.D.



#18 AR-1242-3

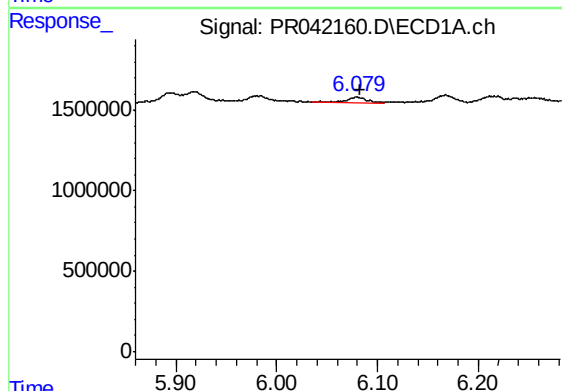
R.T.: 5.984 min
Delta R.T.: 0.002 min
Response: 424103
Conc: 4.52 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1268376



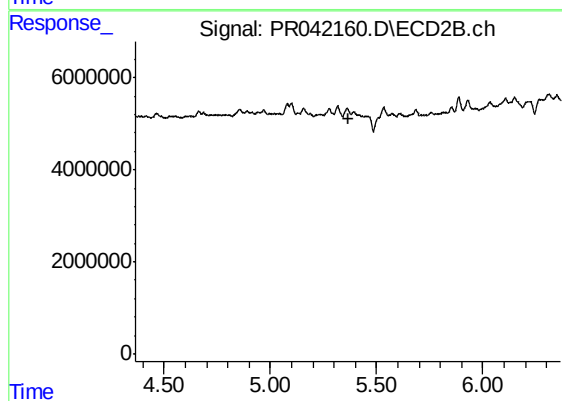
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 5.283 min
Response: 0
Conc: N.D.



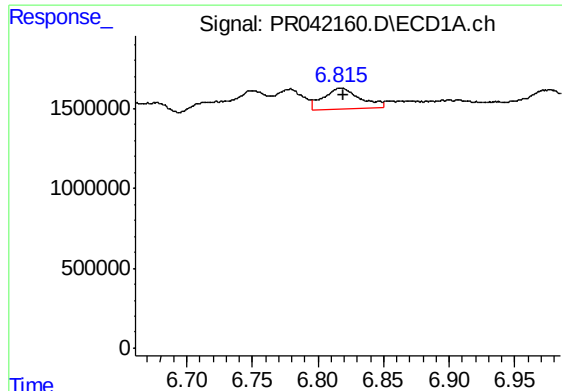
#19 AR-1242-4

R.T.: 6.079 min
Delta R.T.: -0.003 min
Response: 491575
Conc: 6.33 ng/ml



#19 AR-1242-4

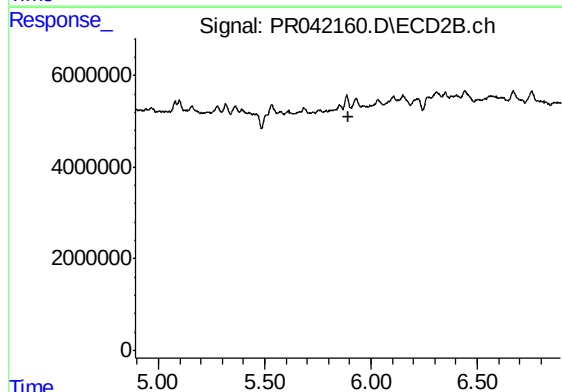
R.T.: 0.000 min
Exp R.T. : 5.365 min
Response: 0
Conc: N.D.



#20 AR-1242-5

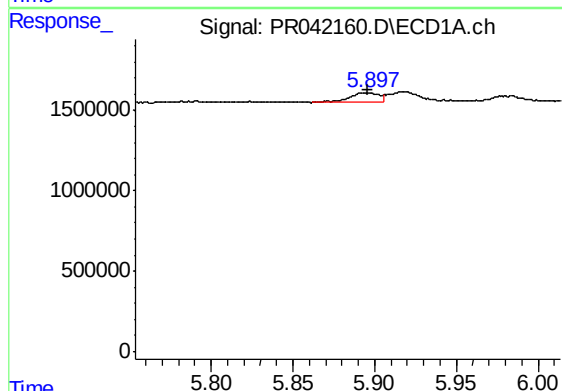
R.T.: 6.817 min
Delta R.T.: -0.002 min
Response: 2525358
Conc: 28.85 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1268376



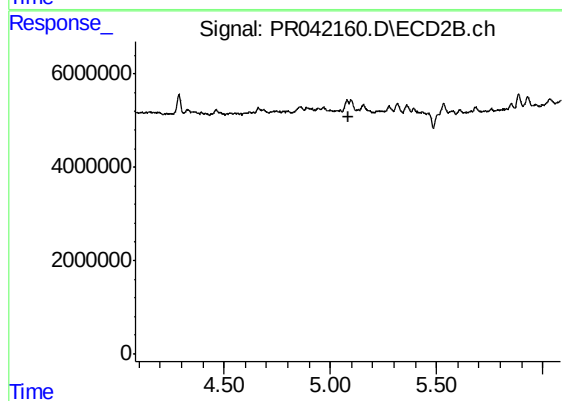
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 5.892 min
Response: 0
Conc: N.D.



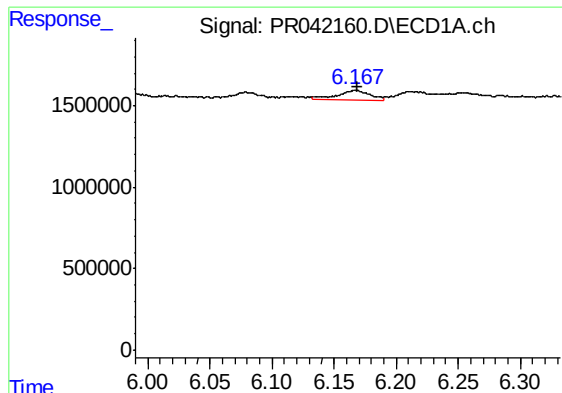
#21 AR-1248-1

R.T.: 5.896 min
Delta R.T.: 0.000 min
Response: 768066
Conc: 9.23 ng/ml



#21 AR-1248-1

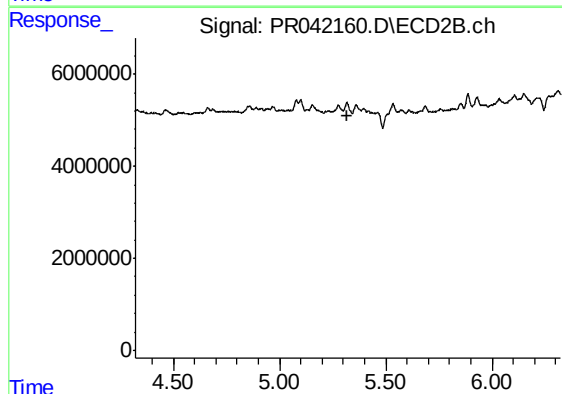
R.T.: 0.000 min
Exp R.T. : 5.083 min
Response: 0
Conc: N.D.



#22 AR-1248-2

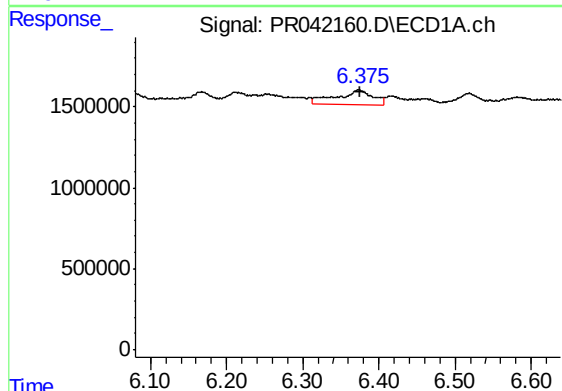
R.T.: 6.168 min
Delta R.T.: 0.000 min
Response: 1010475
Conc: 8.81 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1268376



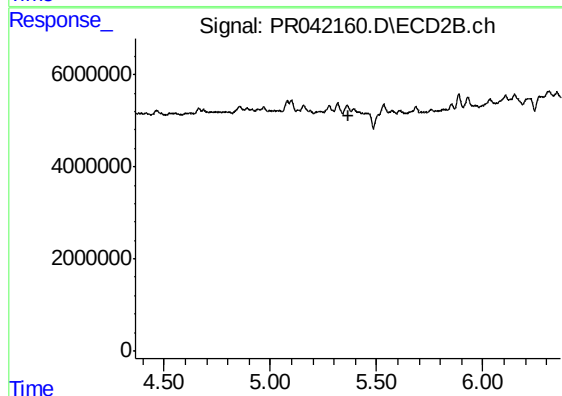
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 5.321 min
Response: 0
Conc: N.D.



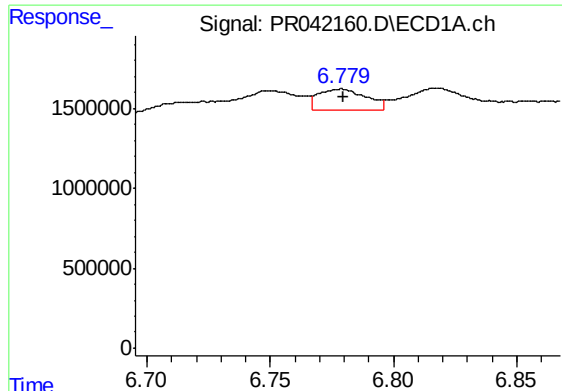
#23 AR-1248-3

R.T.: 6.374 min
Delta R.T.: -0.002 min
Response: 2997855
Conc: 23.12 ng/ml



#23 AR-1248-3

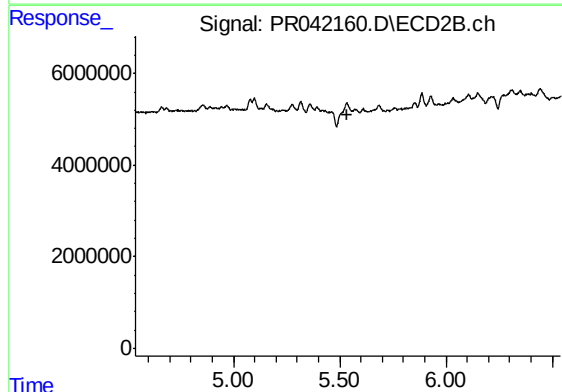
R.T.: 0.000 min
Exp R.T. : 5.365 min
Response: 0
Conc: N.D.



#24 AR-1248-4

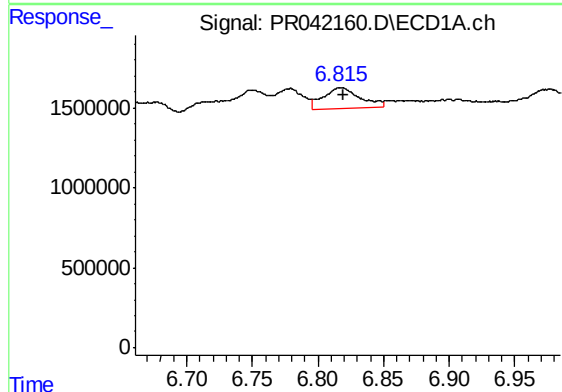
R.T.: 6.779 min
Delta R.T.: -0.001 min
Response: 1759967
Conc: 11.47 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1268376



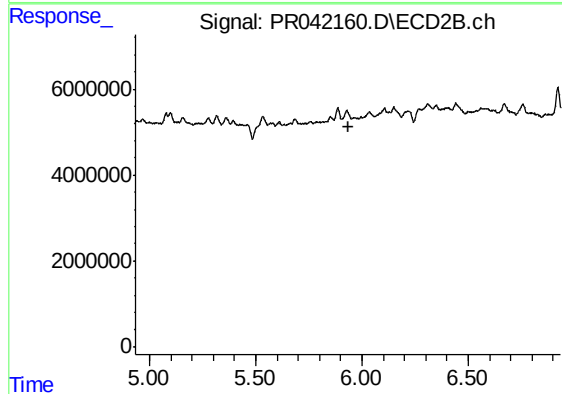
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 5.538 min
Response: 0
Conc: N.D.



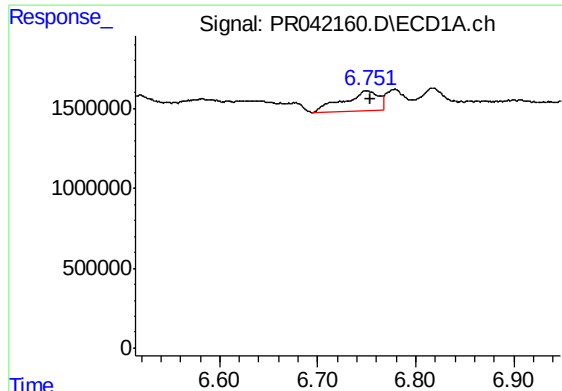
#25 AR-1248-5

R.T.: 6.817 min
Delta R.T.: -0.002 min
Response: 2525358
Conc: 17.44 ng/ml



#25 AR-1248-5

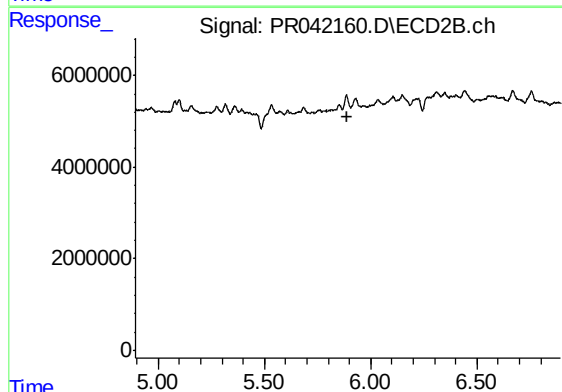
R.T.: 0.000 min
Exp R.T. : 5.934 min
Response: 0
Conc: N.D.



#26 AR-1254-1

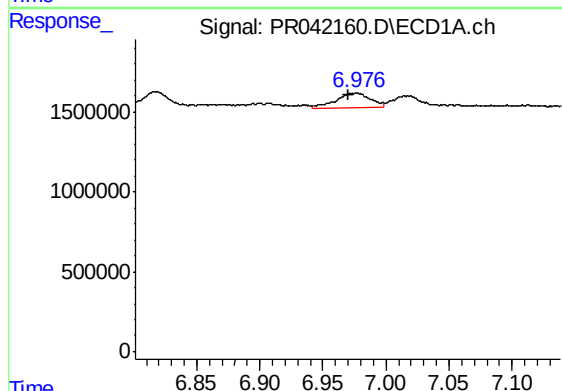
R.T.: 6.750 min
Delta R.T.: -0.003 min
Response: 3167404
Conc: 19.39 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1268376



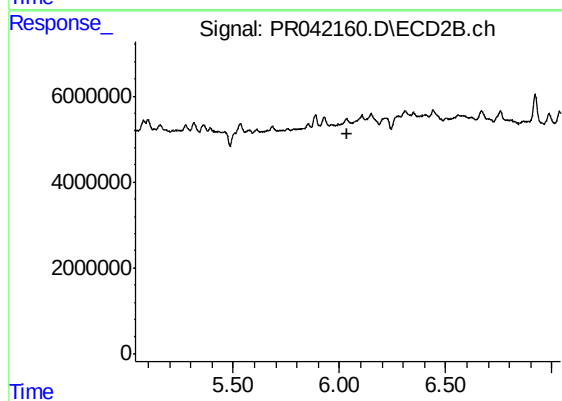
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T. : 5.893 min
Response: 0
Conc: N.D.



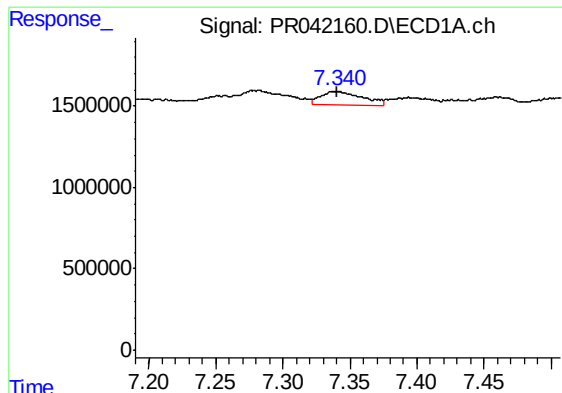
#27 AR-1254-2

R.T.: 6.976 min
Delta R.T.: 0.006 min
Response: 1762785
Conc: 7.11 ng/ml



#27 AR-1254-2

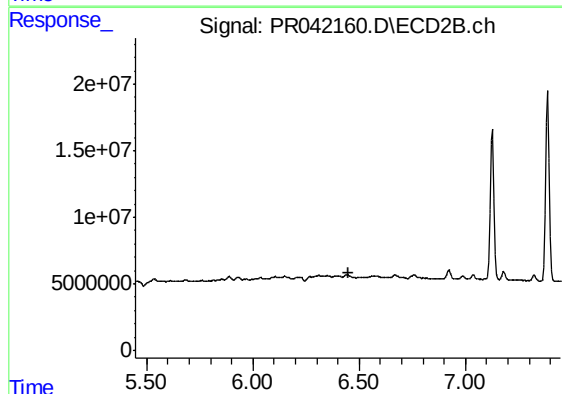
R.T.: 0.000 min
Exp R.T. : 6.040 min
Response: 0
Conc: N.D.



#28 AR-1254-3

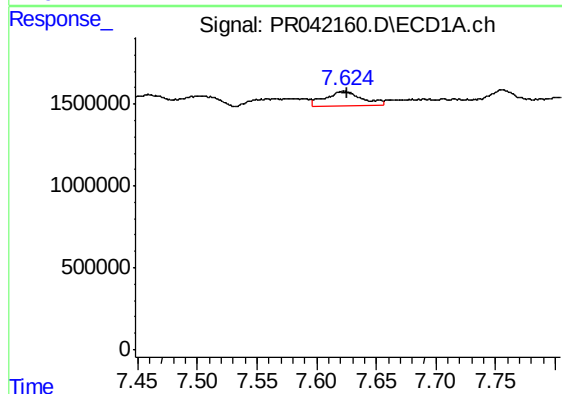
R.T.: 7.340 min
Delta R.T.: 0.000 min
Response: 1729532
Conc: 6.41 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1268376



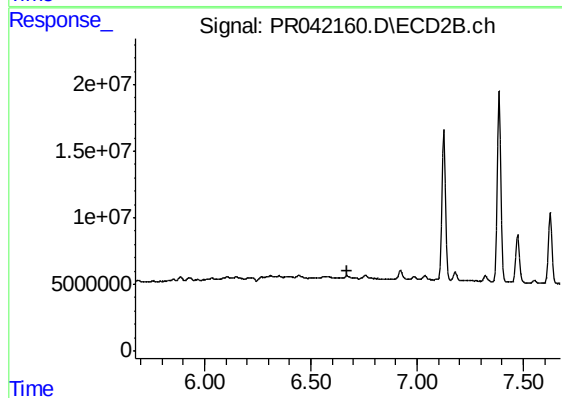
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T. : 6.447 min
Response: 0
Conc: N.D.



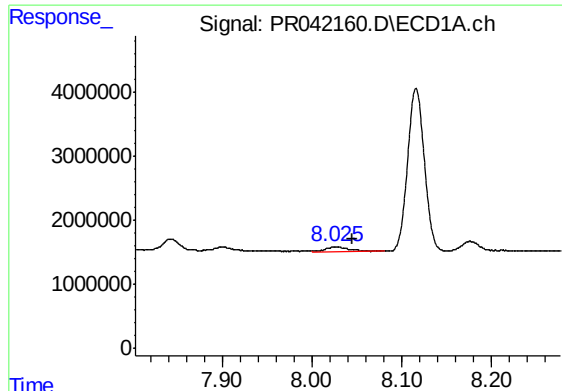
#29 AR-1254-4

R.T.: 7.623 min
Delta R.T.: -0.003 min
Response: 1880735
Conc: 9.27 ng/ml



#29 AR-1254-4

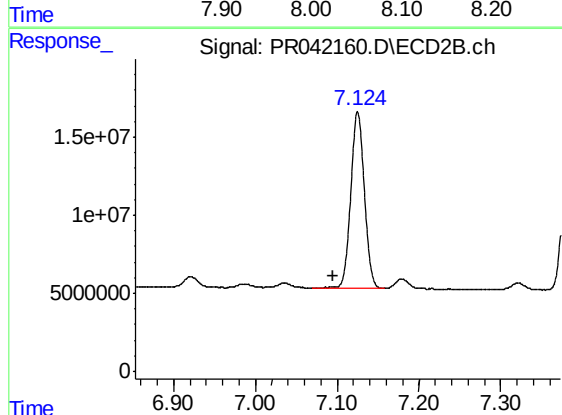
R.T.: 0.000 min
Exp R.T. : 6.675 min
Response: 0
Conc: N.D.



#30 AR-1254-5

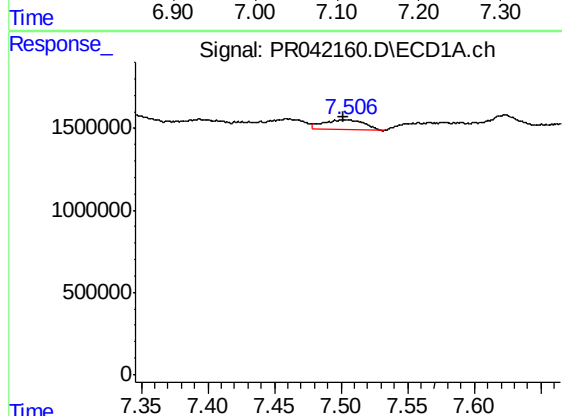
R.T.: 8.026 min
Delta R.T.: -0.019 min
Response: 1260035
Conc: 5.93 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1268376



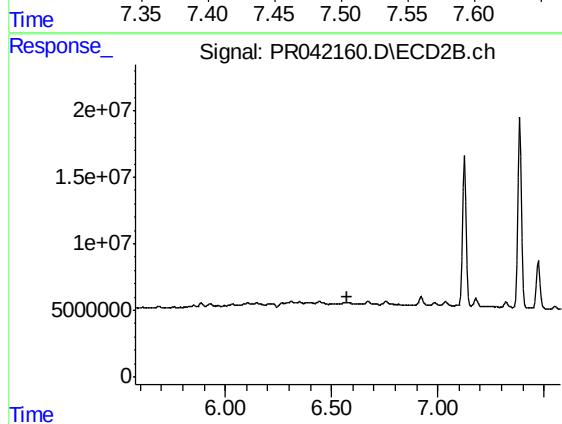
#30 AR-1254-5

R.T.: 7.125 min
Delta R.T.: 0.030 min
Response: 130872968
Conc: 152.42 ng/ml



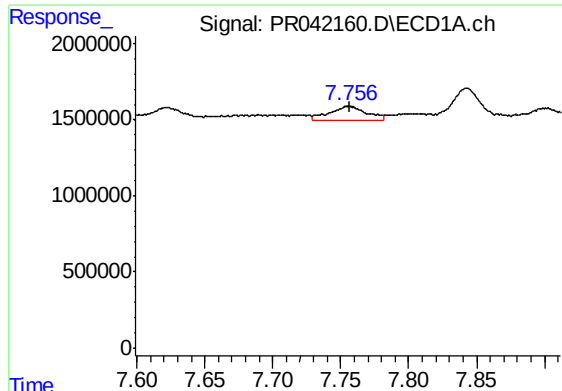
#31 AR-1260-1

R.T.: 7.505 min
Delta R.T.: 0.003 min
Response: 1321763
Conc: 6.98 ng/ml



#31 AR-1260-1

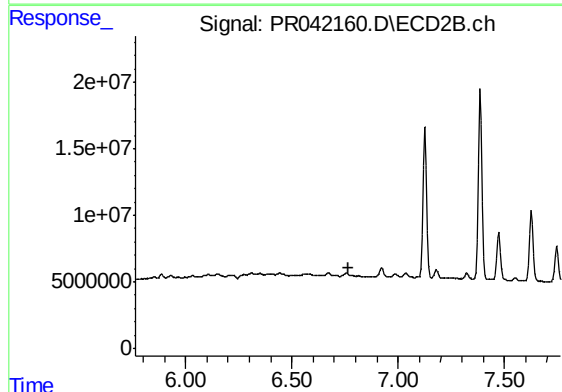
R.T.: 0.000 min
Exp R.T. : 6.577 min
Response: 0
Conc: N.D.



#32 AR-1260-2

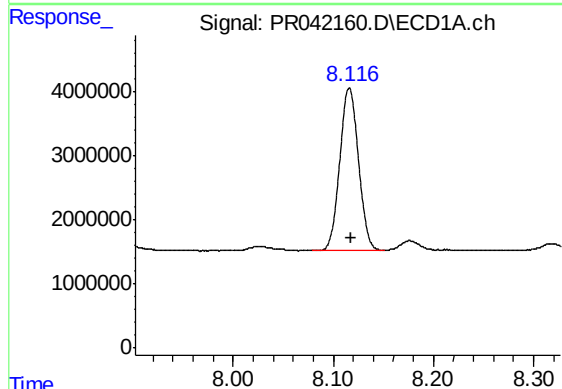
R.T.: 7.756 min
Delta R.T.: -0.002 min
Response: 1687773
Conc: 7.14 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1268376



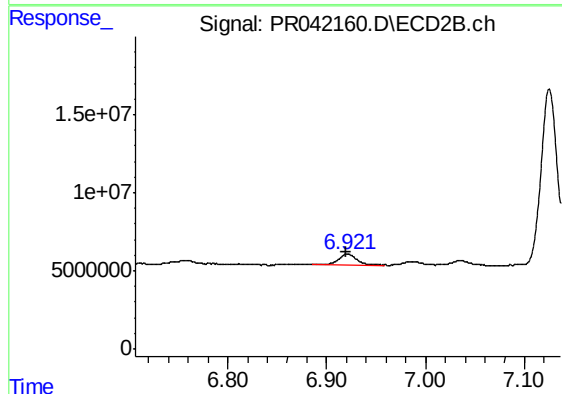
#32 AR-1260-2

R.T.: 0.000 min
Exp R.T. : 6.764 min
Response: 0
Conc: N.D.



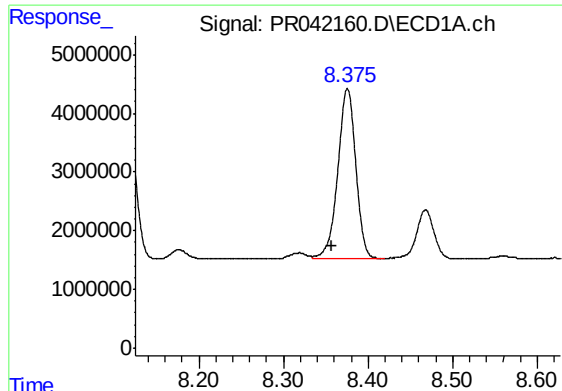
#33 AR-1260-3

R.T.: 8.116 min
Delta R.T.: -0.002 min
Response: 33019564
Conc: 175.89 ng/ml



#33 AR-1260-3

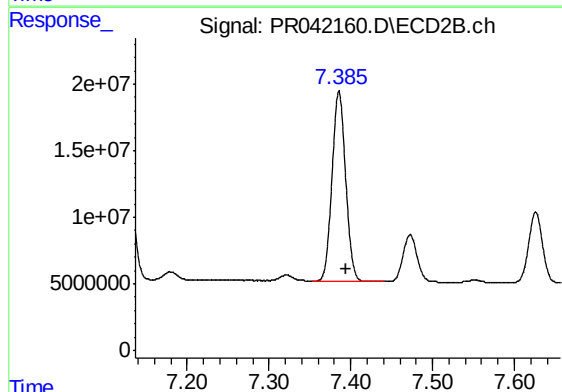
R.T.: 6.921 min
Delta R.T.: 0.001 min
Response: 8260333
Conc: 11.95 ng/ml



#34 AR-1260-4

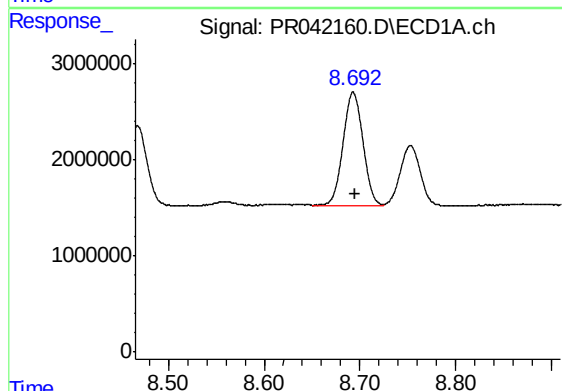
R.T.: 8.376 min
Delta R.T.: 0.018 min
Response: 43022640
Conc: 214.08 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1268376



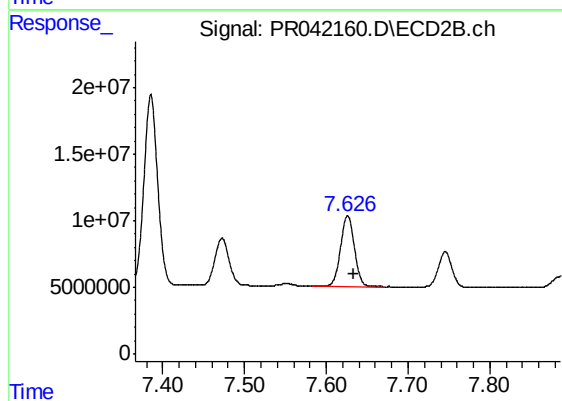
#34 AR-1260-4

R.T.: 7.386 min
Delta R.T.: -0.009 min
Response: 165352552
Conc: 284.95 ng/ml



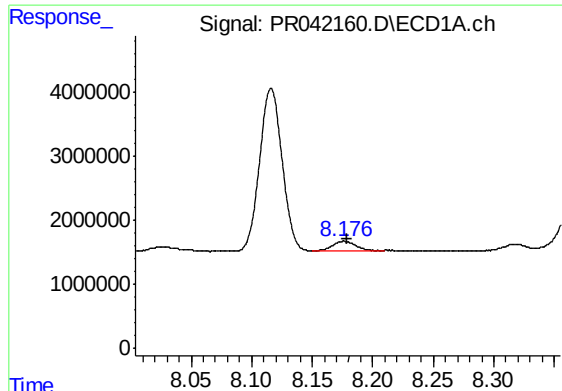
#35 AR-1260-5

R.T.: 8.693 min
Delta R.T.: -0.002 min
Response: 17297999
Conc: 39.96 ng/ml



#35 AR-1260-5

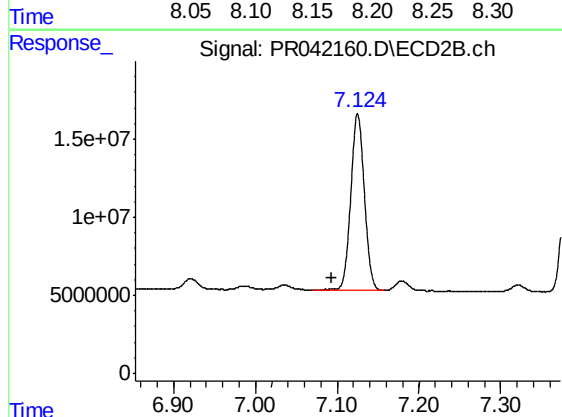
R.T.: 7.626 min
Delta R.T.: -0.007 min
Response: 62288846
Conc: 38.31 ng/ml



#36 AR-1262-1

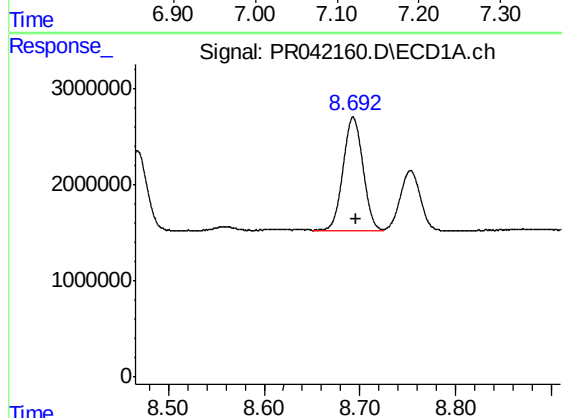
R.T.: 8.176 min
Delta R.T.: -0.002 min
Response: 2067005
Conc: 21.96 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1268376



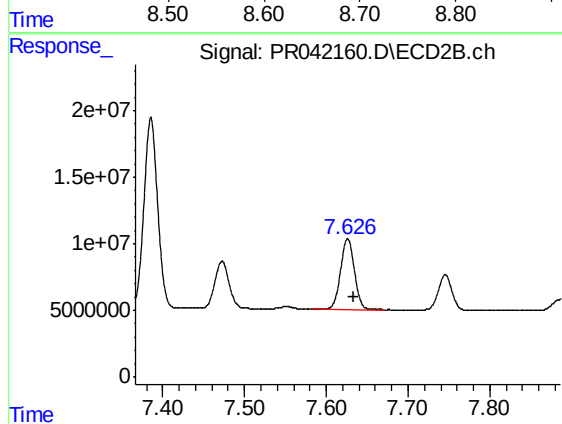
#36 AR-1262-1

R.T.: 7.125 min
Delta R.T.: 0.032 min
Response: 130872968
Conc: 300.32 ng/ml



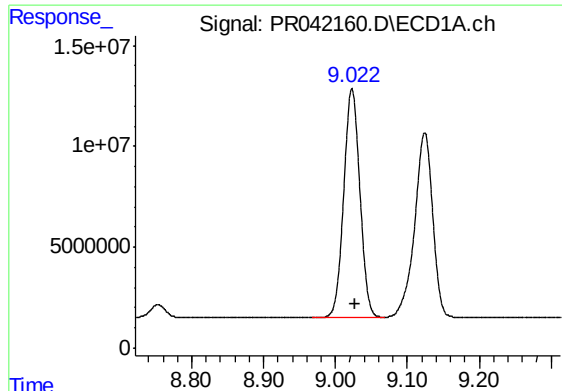
#37 AR-1262-2

R.T.: 8.693 min
Delta R.T.: -0.003 min
Response: 17297999
Conc: 40.10 ng/ml



#37 AR-1262-2

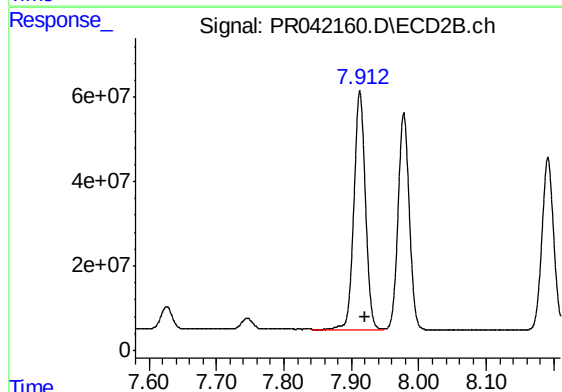
R.T.: 7.626 min
Delta R.T.: -0.007 min
Response: 62288846
Conc: 36.18 ng/ml



#38 AR-1262-3

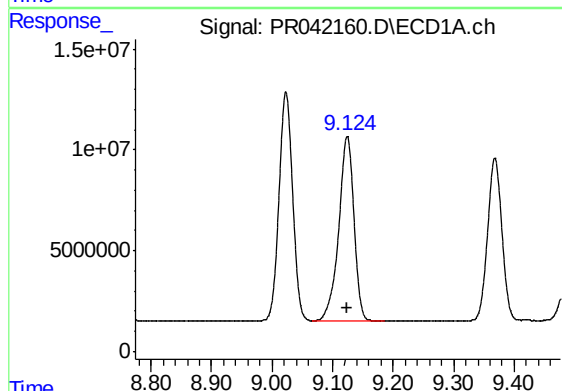
R.T.: 9.023 min
Delta R.T.: -0.005 min
Response: 176972014
Conc: 634.89 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1268376



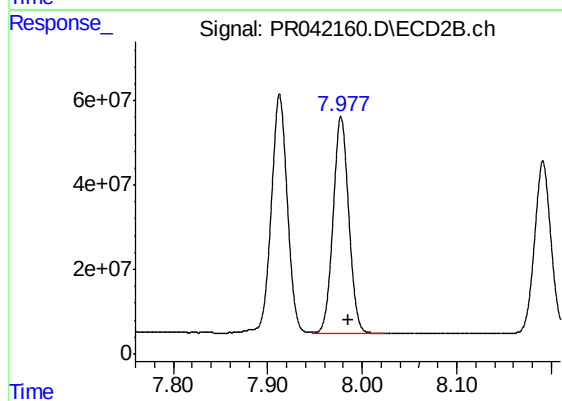
#38 AR-1262-3

R.T.: 7.912 min
Delta R.T.: -0.007 min
Response: 667505447
Conc: 1022.65 ng/ml



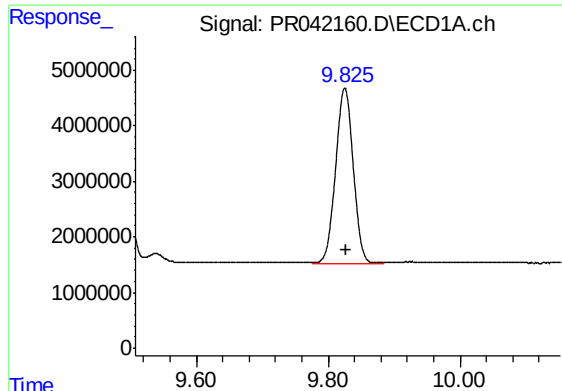
#39 AR-1262-4

R.T.: 9.124 min
Delta R.T.: 0.000 min
Response: 160226827
Conc: 782.09 ng/ml



#39 AR-1262-4

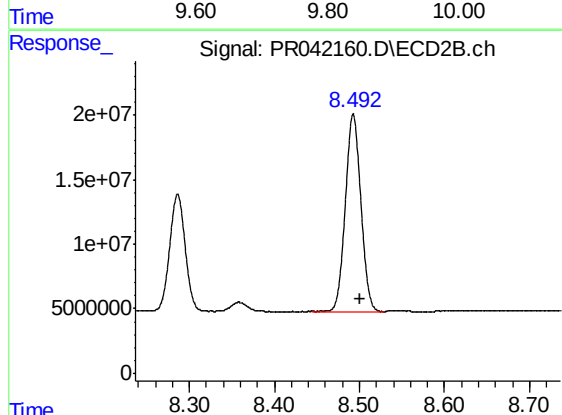
R.T.: 7.978 min
Delta R.T.: -0.007 min
Response: 588963538
Conc: 504.01 ng/ml



#40 AR-1262-5

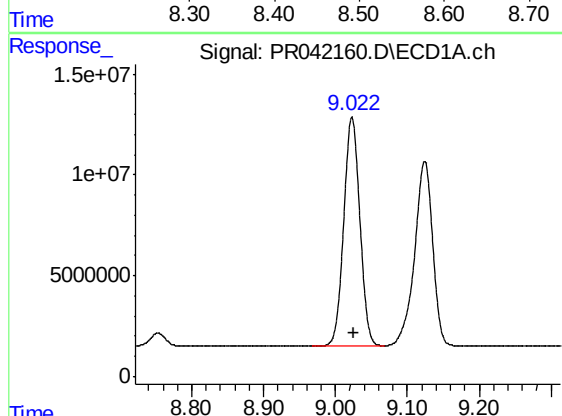
R.T.: 9.825 min
Delta R.T.: -0.002 min
Response: 58786780
Conc: 407.54 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1268376



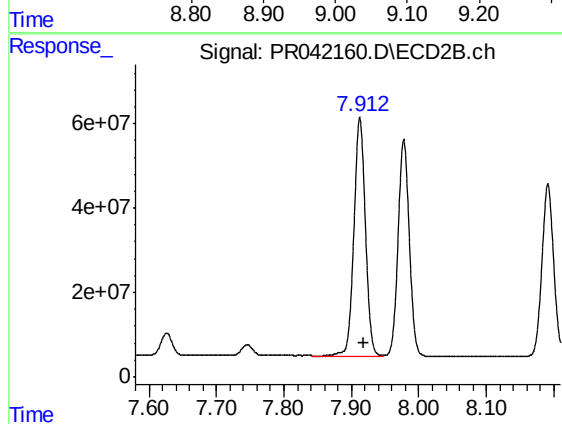
#40 AR-1262-5

R.T.: 8.493 min
Delta R.T.: -0.009 min
Response: 194583523
Conc: 363.77 ng/ml



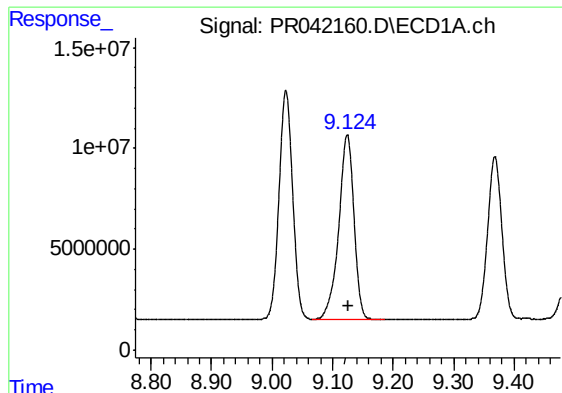
#41 AR-1268-1

R.T.: 9.023 min
Delta R.T.: -0.002 min
Response: 176972014
Conc: 322.21 ng/ml



#41 AR-1268-1

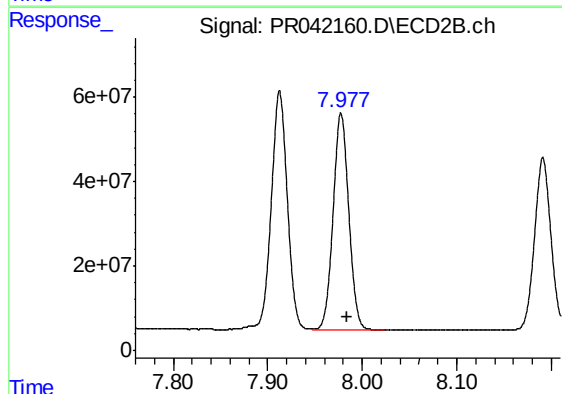
R.T.: 7.912 min
Delta R.T.: -0.006 min
Response: 667505447
Conc: 304.43 ng/ml



#42 AR-1268-2

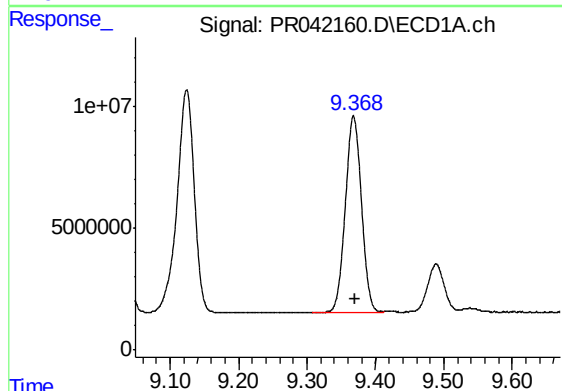
R.T.: 9.124 min
Delta R.T.: -0.003 min
Response: 160226827
Conc: 322.27 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1268376



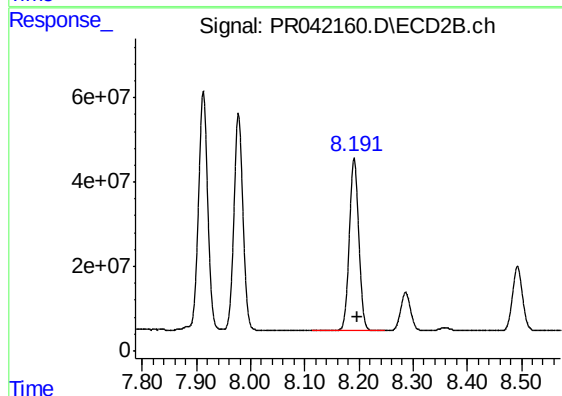
#42 AR-1268-2

R.T.: 7.978 min
Delta R.T.: -0.006 min
Response: 588963538
Conc: 295.99 ng/ml



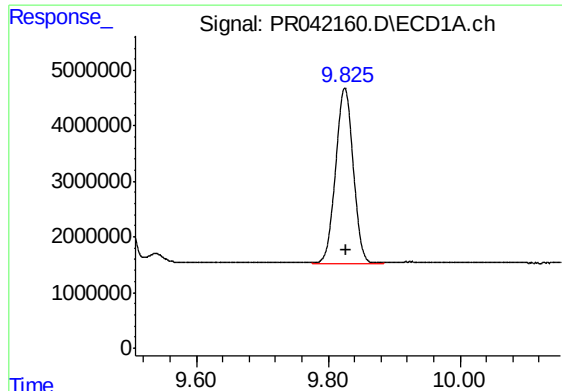
#43 AR-1268-3

R.T.: 9.368 min
Delta R.T.: -0.003 min
Response: 132318824
Conc: 324.40 ng/ml



#43 AR-1268-3

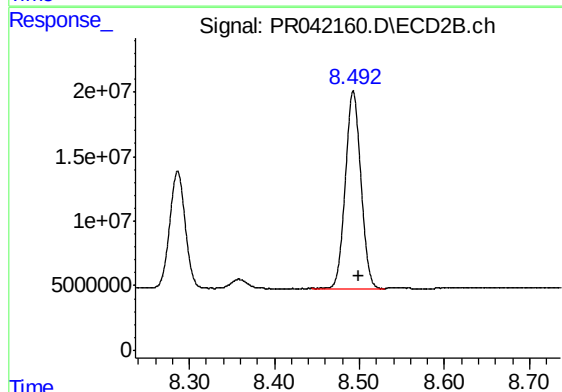
R.T.: 8.191 min
Delta R.T.: -0.007 min
Response: 491209300
Conc: 293.11 ng/ml



#44 AR-1268-4

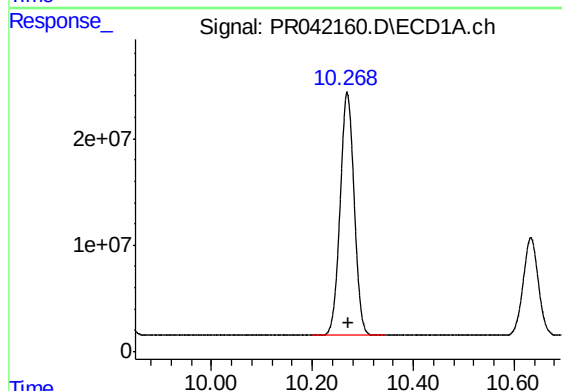
R.T.: 9.825 min
Delta R.T.: -0.003 min
Response: 58786780
Conc: 335.07 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1268376



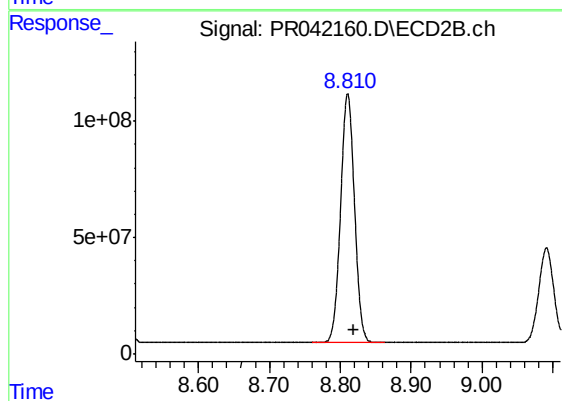
#44 AR-1268-4

R.T.: 8.493 min
Delta R.T.: -0.007 min
Response: 194583523
Conc: 301.52 ng/ml



#45 AR-1268-5

R.T.: 10.269 min
Delta R.T.: -0.003 min
Response: 440423022
Conc: 337.98 ng/ml



#45 AR-1268-5

R.T.: 8.811 min
Delta R.T.: -0.008 min
Response: 1454369457
Conc: 316.93 ng/ml