

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR061923\
 Data File : PR061923.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jun 2023 17:15
 Operator : YP\AJ
 Sample : 03312-16
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 20 22:45:57 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR061923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jun 19 13:30:08 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...	3.691	2.962	39853433	51682060	18.124	18.814
2)	SA Decachlor...	9.622	8.247	21011865	46998219	14.521	13.252
Target Compounds							
3)	L1 AR-1016-1	4.933	4.106f	2487312	2009604	33.405	19.783 #
4)	L1 AR-1016-2	4.933	4.106	2487312	2009604	23.525	14.283 #
5)	L1 AR-1016-3	5.018	4.288	484755	381223	7.227	4.871 #
6)	L1 AR-1016-4	5.105	4.332	243412	578454	4.549	9.022 #
7)	L1 AR-1016-5	5.406f	4.560	455694	699116	8.228	8.411
8)	L2 AR-1221-1	3.899	3.182	706696	320399	26.191	8.935 #
9)	L2 AR-1221-2	4.006	3.264	523549	1622972	27.406	58.987 #
10)	L2 AR-1221-3	4.100f	3.353	1403857	2045452	23.177	25.367
11)	L3 AR-1232-1	4.100f	3.353	1403857	2045452	30.701	33.884
12)	L3 AR-1232-2	4.629	4.106	3351672	2009604	126.121	32.376 #
13)	L3 AR-1232-3	4.933	4.288	2487312	381223	53.968	10.933 #
14)	L3 AR-1232-4	5.105	4.387	243412	781229	10.649	24.880 #
15)	L3 AR-1232-5	5.199f	4.560	520128	699116	28.266	19.408 #
16)	L4 AR-1242-1	4.933	4.106f	2487312	2009604	44.826	26.396 #
17)	L4 AR-1242-2	4.933	4.106	2487312	2009604	31.639	19.300 #
18)	L4 AR-1242-3	5.018	4.288	484755	381223	9.679	6.468 #
19)	L4 AR-1242-4	5.105	4.387	243412	781229	6.042	13.160 #
20)	L4 AR-1242-5	5.899	4.927	1110826	4726212	28.184	60.113 #
21)	L5 AR-1248-1	4.933	4.106f	2487312	2009604	58.201	32.837 #
22)	L5 AR-1248-2	5.199f	4.332	520128	578454	8.387	6.712
23)	L5 AR-1248-3	5.406f	4.387	455694	781229	6.334	8.780 #
24)	L5 AR-1248-4	5.857	4.560	7162335	699116	98.008	6.481 #
25)	L5 AR-1248-5	5.899	4.956	1110826	4231920	15.601	39.561 #
26)	L6 AR-1254-1	5.857f	4.927	7162335	4726212	89.780	29.623 #
27)	L6 AR-1254-2	6.067	5.090	5100760	6711902	43.367	46.216
28)	L6 AR-1254-3	6.460	5.511	5875035	3620334	51.247	15.304 #
29)	L6 AR-1254-4	6.772	5.758	3048218	3694189	38.124	24.258 #
30)	L6 AR-1254-5	7.230	6.207	4288955	23098012	47.815	94.210 #
31)	L7 AR-1260-1	6.641	5.657	4721381	10674998	47.480	61.492 #
32)	L7 AR-1260-2	6.908f	5.858	10297356	4821998	93.433	21.919 #
33)	L7 AR-1260-3	7.314	6.016	1575955	5402914	22.767	25.825
34)	L7 AR-1260-4	7.556	6.526	2452692	4092137	29.948	25.903
35)	L7 AR-1260-5	7.895	6.790	3945519	7595175	28.025	20.450 #
36)	L8 AR-1262-1	7.314	6.250	1575955	3866998	14.682	16.306
37)	L8 AR-1262-2	7.895	6.790	3945519	7595175	23.764	17.326 #
38)	L8 AR-1262-3	8.208	7.098	1799048	4087090	15.745	21.685 #
39)	L8 AR-1262-4	8.290	7.165	2010437	9151917	22.518	27.208
40)	L8 AR-1262-5	8.916	7.702	827565	1870306	14.039	11.672
41)	L9 AR-1268-1	8.208	7.098	1799048	4087090	9.098	7.944

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 Acq On : 20 Jun 2023 17:15
 Operator : YP\AJ
 Sample : 03312-16
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

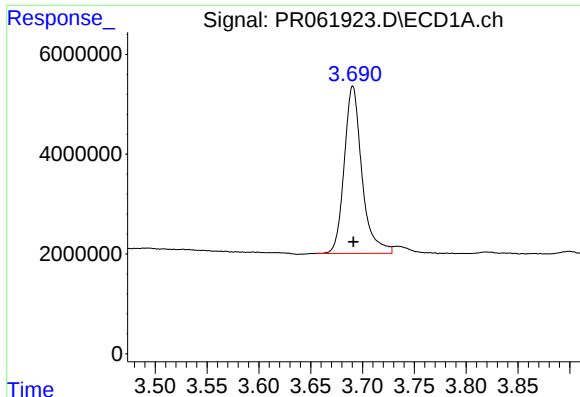
Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 20 22:45:57 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR061923.M
 Quant Title : GC EXTRACTABLES
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.290	7.165	2010437	9151917	11.034	19.231 #
43) L9	AR-1268-3	8.538f	7.392	1109915	3337253	7.094	8.149
44) L9	AR-1268-4	8.916	7.702	827565	1870306	12.860	10.641
45) L9	AR-1268-5	9.308	7.999	779554	2992474	1.695	2.323 #

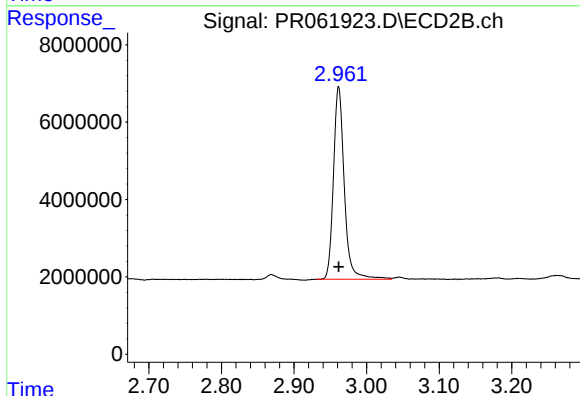
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

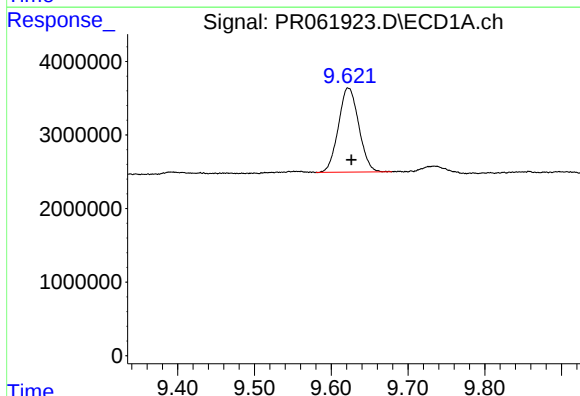
R.T.: 3.691 min
Delta R.T.: 0.000 min
Response: 39853433
Conc: 18.12 ng/ml

Instrument :
ECD_L
ClientSampleId :



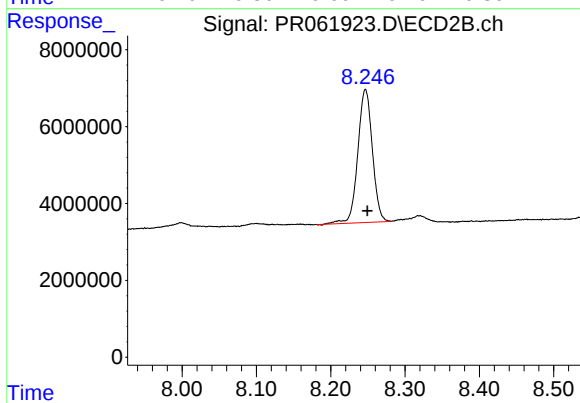
#1 Tetrachloro-m-xylene

R.T.: 2.962 min
Delta R.T.: 0.000 min
Response: 51682060
Conc: 18.81 ng/ml



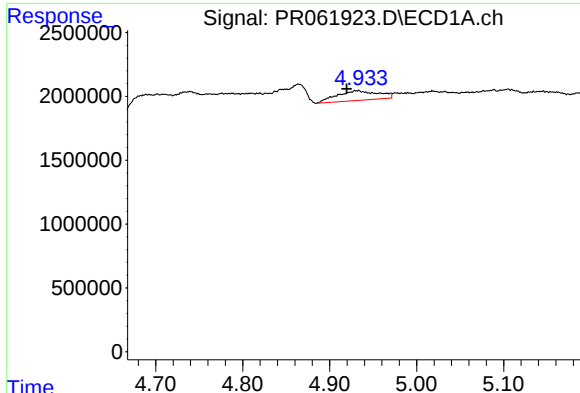
#2 Decachlorobiphenyl

R.T.: 9.622 min
Delta R.T.: -0.004 min
Response: 21011865
Conc: 14.52 ng/ml



#2 Decachlorobiphenyl

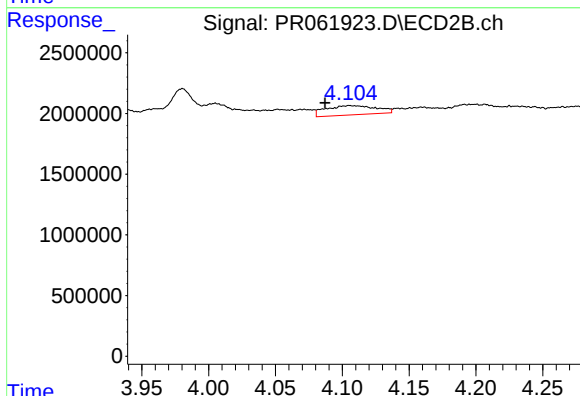
R.T.: 8.247 min
Delta R.T.: -0.003 min
Response: 46998219
Conc: 13.25 ng/ml



#3 AR-1016-1

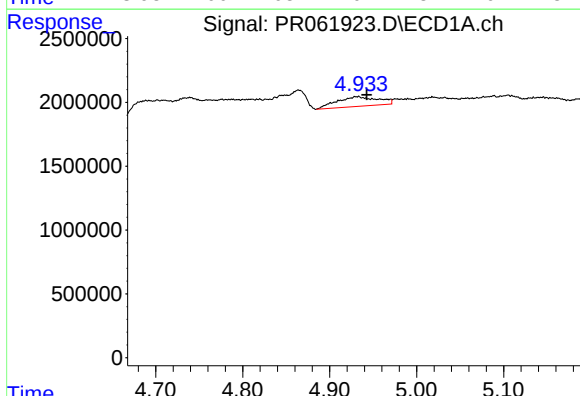
R.T.: 4.933 min
Delta R.T.: 0.013 min
Response: 2487312
Conc: 33.41 ng/ml

Instrument :
ECD_L
ClientSampleId :



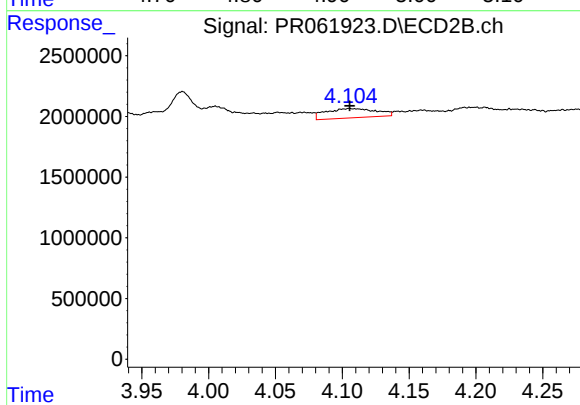
#3 AR-1016-1

R.T.: 4.106 min
Delta R.T.: 0.018 min
Response: 2009604
Conc: 19.78 ng/ml



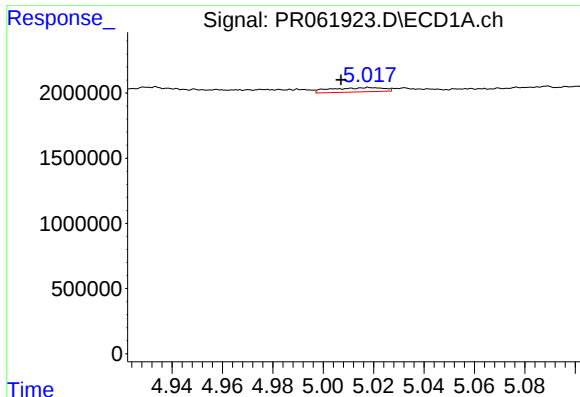
#4 AR-1016-2

R.T.: 4.933 min
Delta R.T.: -0.010 min
Response: 2487312
Conc: 23.52 ng/ml



#4 AR-1016-2

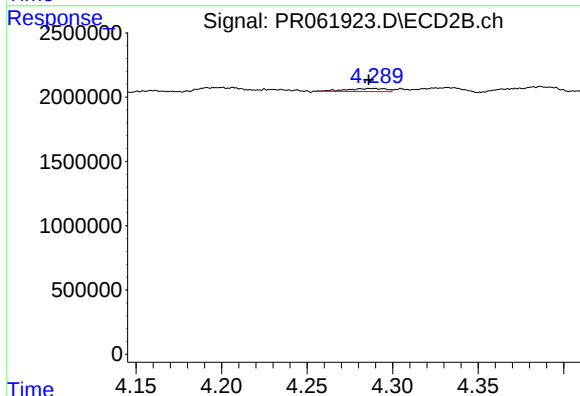
R.T.: 4.106 min
Delta R.T.: 0.000 min
Response: 2009604
Conc: 14.28 ng/ml



#5 AR-1016-3

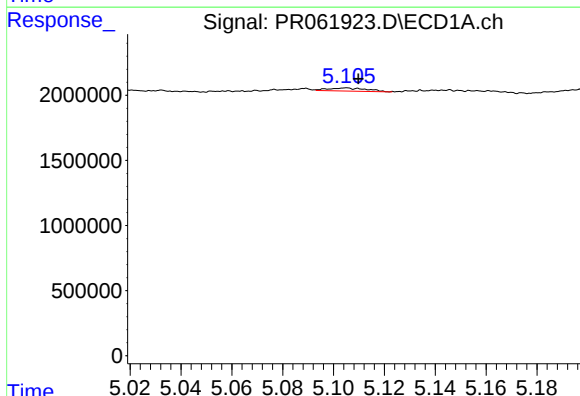
R.T.: 5.018 min
Delta R.T.: 0.011 min
Response: 484755
Conc: 7.23 ng/ml

Instrument :
ECD_L
ClientSampleId :



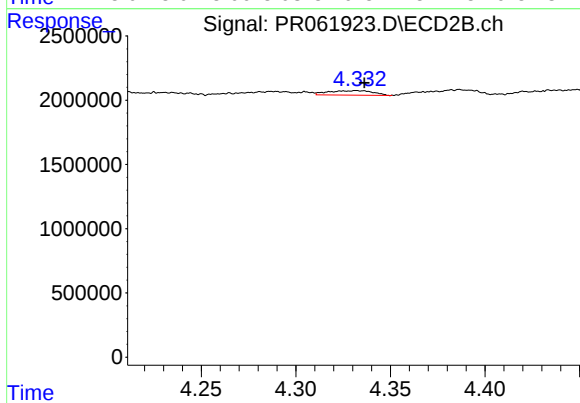
#5 AR-1016-3

R.T.: 4.288 min
Delta R.T.: 0.002 min
Response: 381223
Conc: 4.87 ng/ml



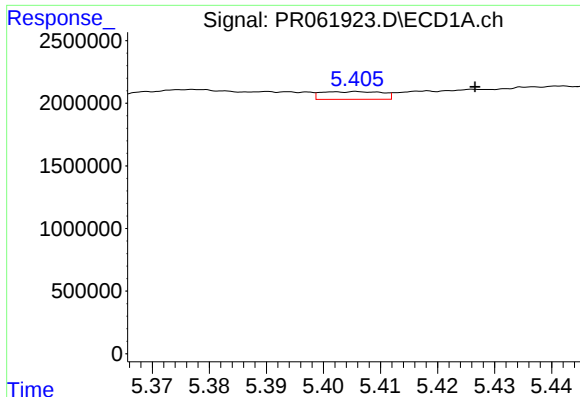
#6 AR-1016-4

R.T.: 5.105 min
Delta R.T.: -0.005 min
Response: 243412
Conc: 4.55 ng/ml



#6 AR-1016-4

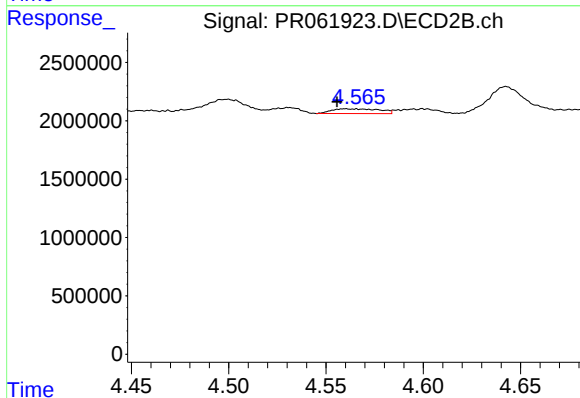
R.T.: 4.332 min
Delta R.T.: -0.004 min
Response: 578454
Conc: 9.02 ng/ml



#7 AR-1016-5

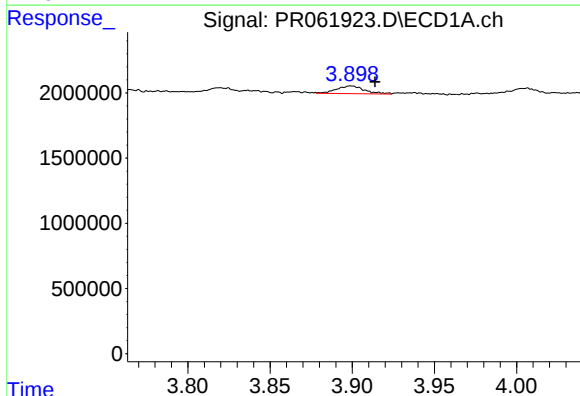
R.T.: 5.406 min
Delta R.T.: -0.021 min
Response: 455694
Conc: 8.23 ng/ml

Instrument :
ECD_L
ClientSampleId :



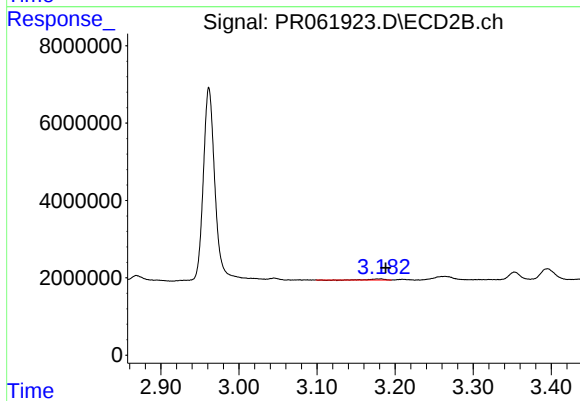
#7 AR-1016-5

R.T.: 4.560 min
Delta R.T.: 0.004 min
Response: 699116
Conc: 8.41 ng/ml



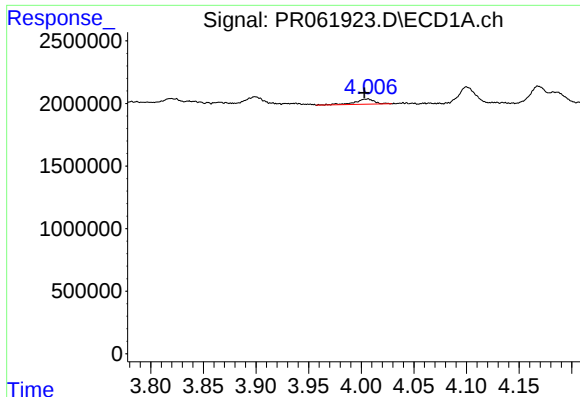
#8 AR-1221-1

R.T.: 3.899 min
Delta R.T.: -0.015 min
Response: 706696
Conc: 26.19 ng/ml



#8 AR-1221-1

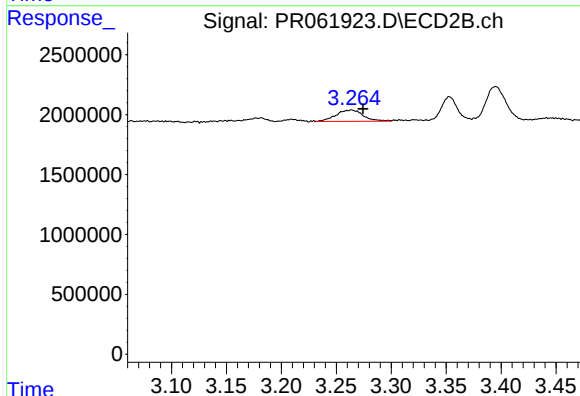
R.T.: 3.182 min
Delta R.T.: -0.006 min
Response: 320399
Conc: 8.94 ng/ml



#9 AR-1221-2

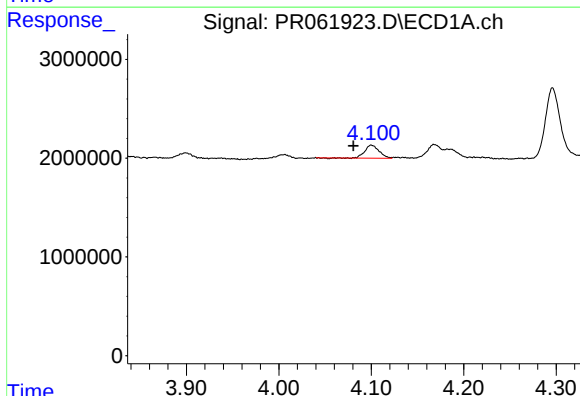
R.T.: 4.006 min
Delta R.T.: 0.003 min
Response: 523549
Conc: 27.41 ng/ml

Instrument :
ECD_L
ClientSampleId :



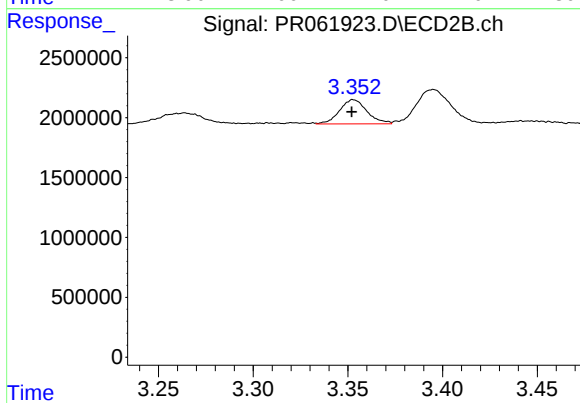
#9 AR-1221-2

R.T.: 3.264 min
Delta R.T.: -0.011 min
Response: 1622972
Conc: 58.99 ng/ml



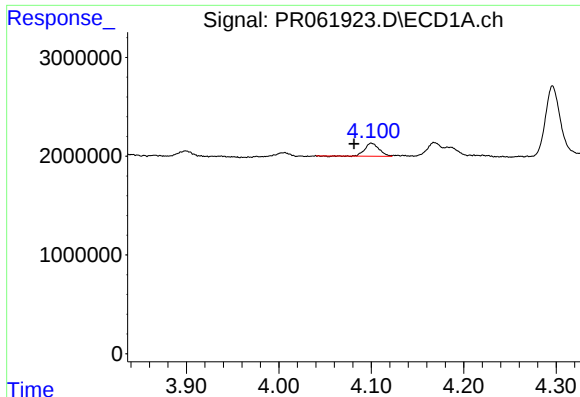
#10 AR-1221-3

R.T.: 4.100 min
Delta R.T.: 0.020 min
Response: 1403857
Conc: 23.18 ng/ml



#10 AR-1221-3

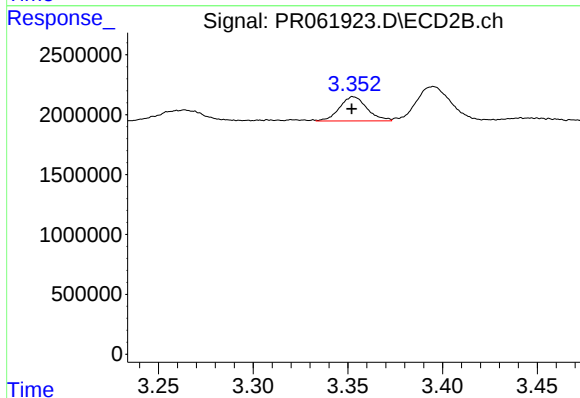
R.T.: 3.353 min
Delta R.T.: 0.000 min
Response: 2045452
Conc: 25.37 ng/ml



#11 AR-1232-1

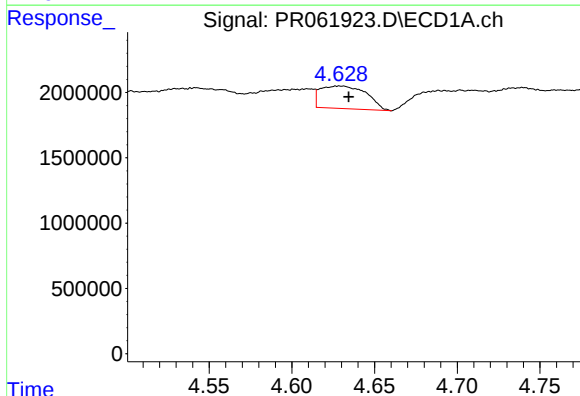
R.T.: 4.100 min
Delta R.T.: 0.019 min
Response: 1403857
Conc: 30.70 ng/ml

Instrument :
ECD_L
ClientSampleId :



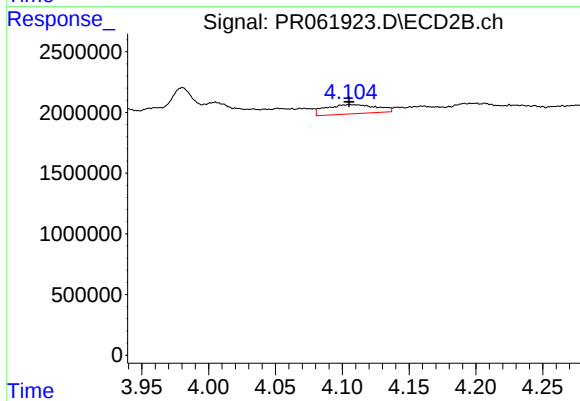
#11 AR-1232-1

R.T.: 3.353 min
Delta R.T.: 0.001 min
Response: 2045452
Conc: 33.88 ng/ml



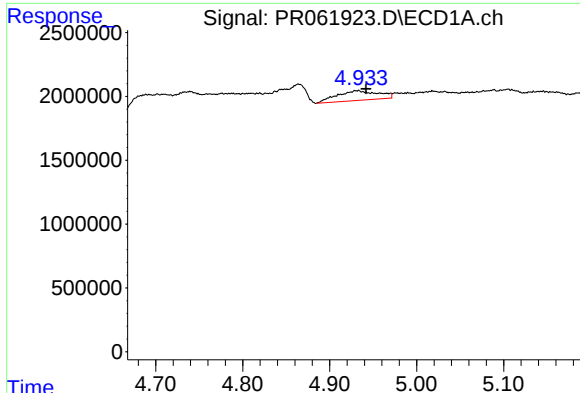
#12 AR-1232-2

R.T.: 4.629 min
Delta R.T.: -0.005 min
Response: 3351672
Conc: 126.12 ng/ml



#12 AR-1232-2

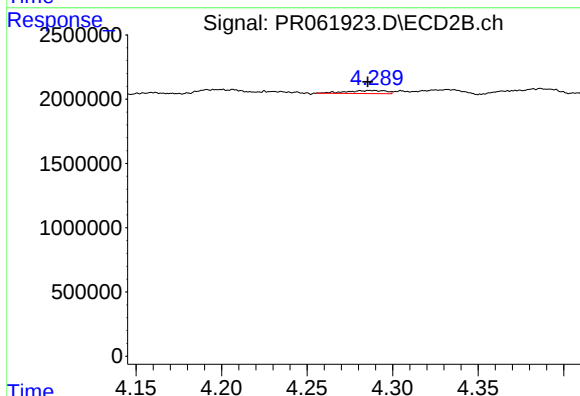
R.T.: 4.106 min
Delta R.T.: 0.000 min
Response: 2009604
Conc: 32.38 ng/ml



#13 AR-1232-3

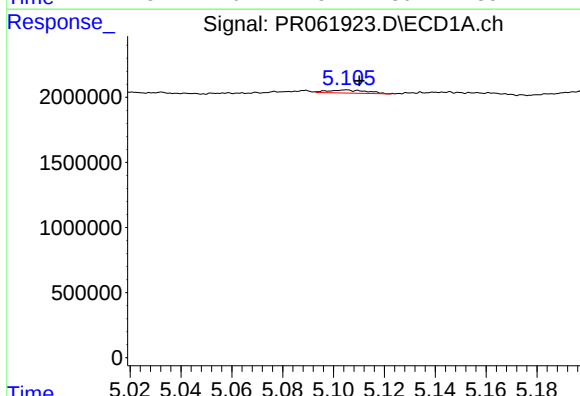
R.T.: 4.933 min
Delta R.T.: -0.009 min
Response: 2487312
Conc: 53.97 ng/ml

Instrument :
ECD_L
ClientSampleId :



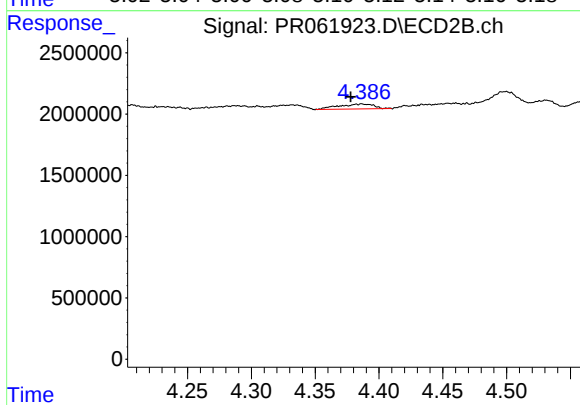
#13 AR-1232-3

R.T.: 4.288 min
Delta R.T.: 0.002 min
Response: 381223
Conc: 10.93 ng/ml



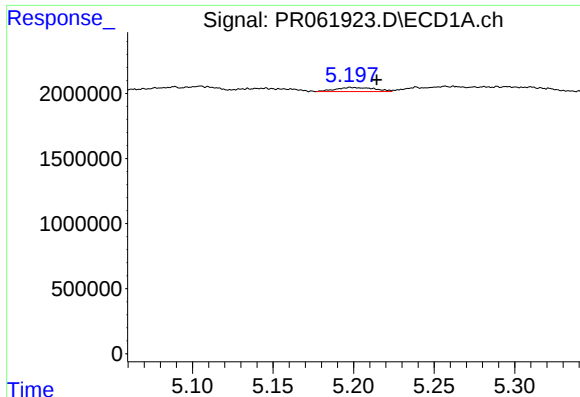
#14 AR-1232-4

R.T.: 5.105 min
Delta R.T.: -0.005 min
Response: 243412
Conc: 10.65 ng/ml



#14 AR-1232-4

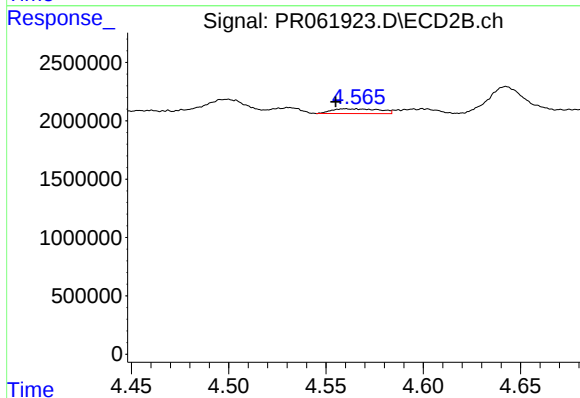
R.T.: 4.387 min
Delta R.T.: 0.009 min
Response: 781229
Conc: 24.88 ng/ml



#15 AR-1232-5

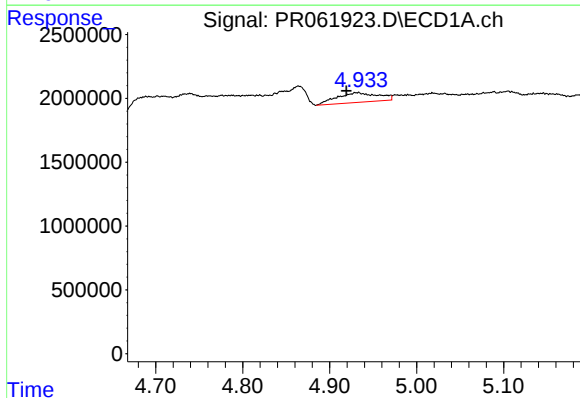
R.T.: 5.199 min
Delta R.T.: -0.016 min
Response: 520128
Conc: 28.27 ng/ml

Instrument :
ECD_L
ClientSampleId :



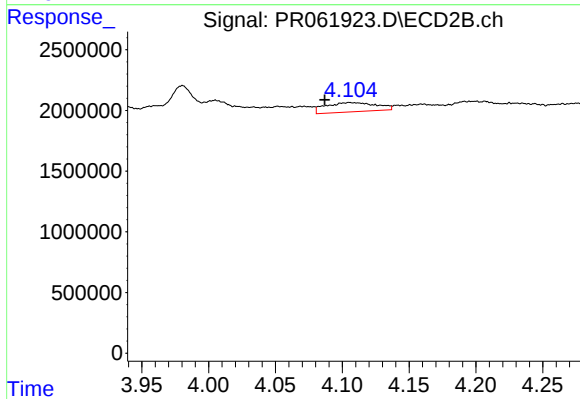
#15 AR-1232-5

R.T.: 4.560 min
Delta R.T.: 0.005 min
Response: 699116
Conc: 19.41 ng/ml



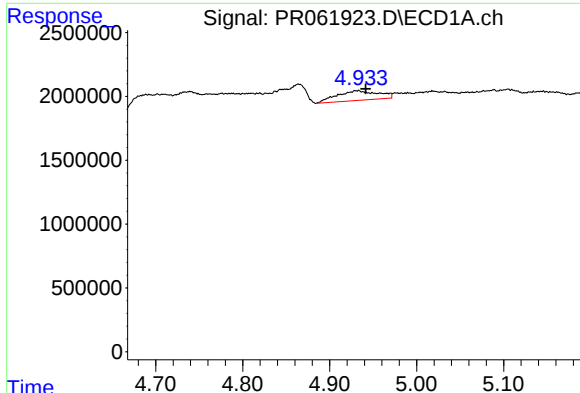
#16 AR-1242-1

R.T.: 4.933 min
Delta R.T.: 0.014 min
Response: 2487312
Conc: 44.83 ng/ml



#16 AR-1242-1

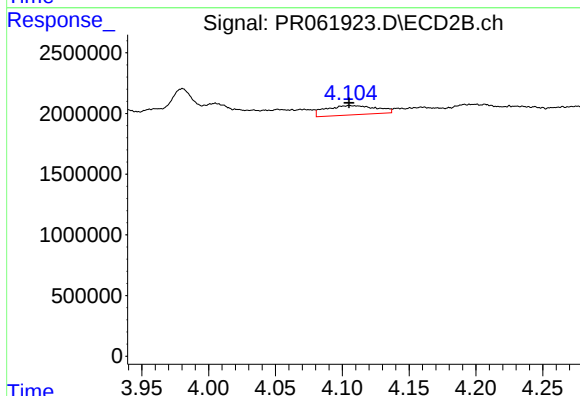
R.T.: 4.106 min
Delta R.T.: 0.019 min
Response: 2009604
Conc: 26.40 ng/ml



#17 AR-1242-2

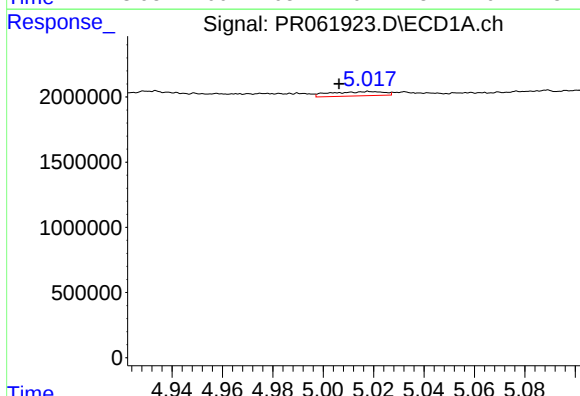
R.T.: 4.933 min
Delta R.T.: -0.008 min
Response: 2487312
Conc: 31.64 ng/ml

Instrument :
ECD_L
ClientSampleId :



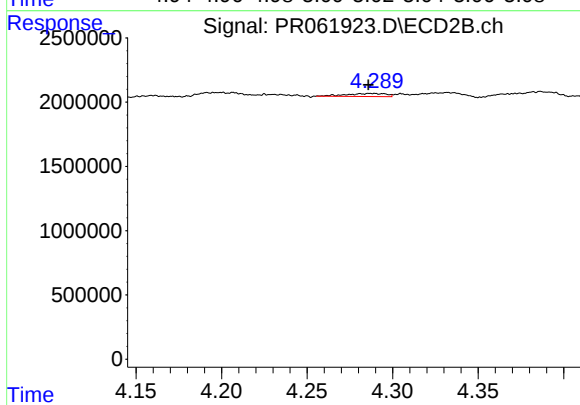
#17 AR-1242-2

R.T.: 4.106 min
Delta R.T.: 0.000 min
Response: 2009604
Conc: 19.30 ng/ml



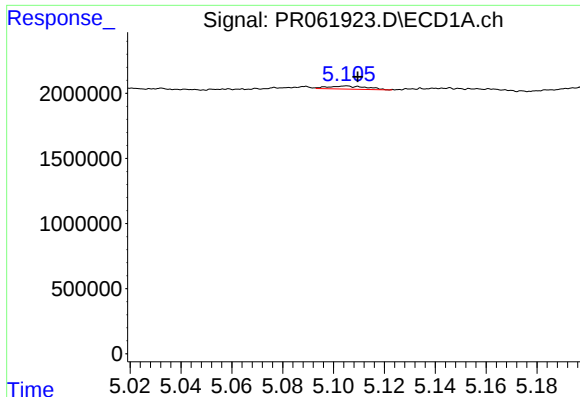
#18 AR-1242-3

R.T.: 5.018 min
Delta R.T.: 0.012 min
Response: 484755
Conc: 9.68 ng/ml



#18 AR-1242-3

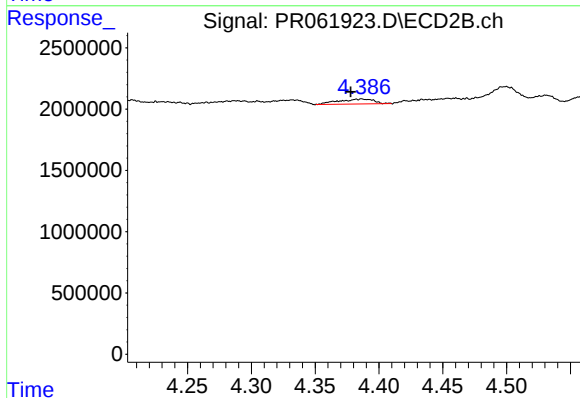
R.T.: 4.288 min
Delta R.T.: 0.002 min
Response: 381223
Conc: 6.47 ng/ml



#19 AR-1242-4

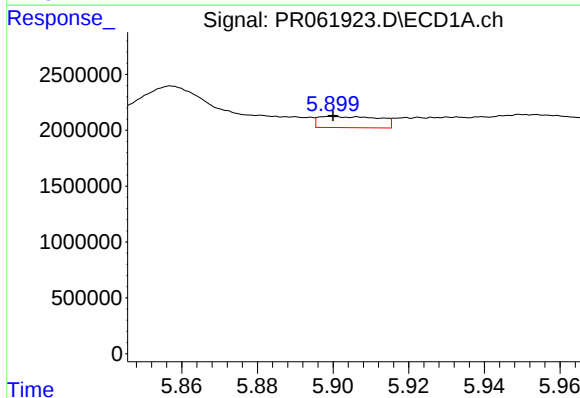
R.T.: 5.105 min
Delta R.T.: -0.005 min
Response: 243412
Conc: 6.04 ng/ml

Instrument :
ECD_L
ClientSampleId :



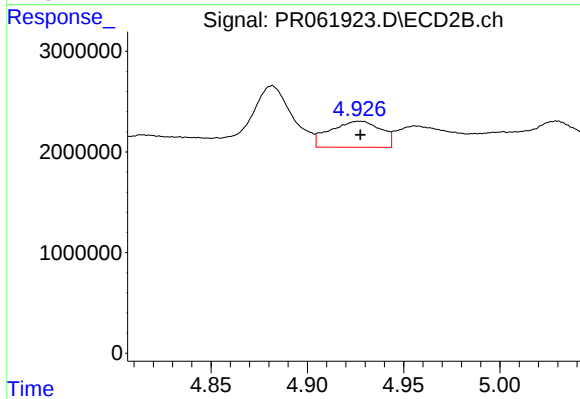
#19 AR-1242-4

R.T.: 4.387 min
Delta R.T.: 0.009 min
Response: 781229
Conc: 13.16 ng/ml



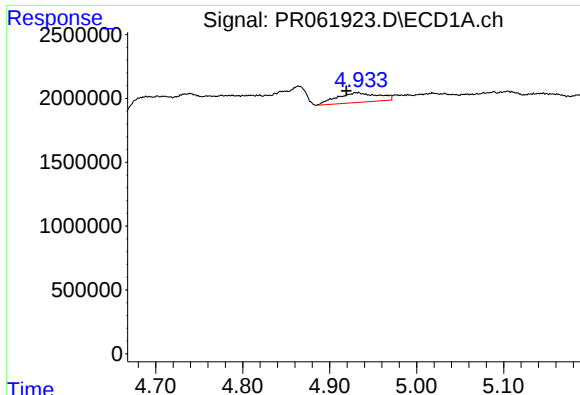
#20 AR-1242-5

R.T.: 5.899 min
Delta R.T.: 0.000 min
Response: 1110826
Conc: 28.18 ng/ml



#20 AR-1242-5

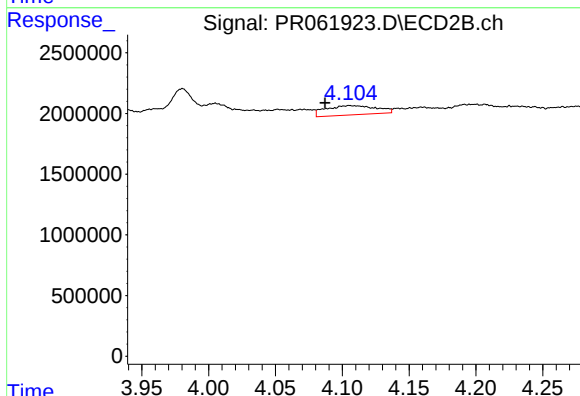
R.T.: 4.927 min
Delta R.T.: 0.000 min
Response: 4726212
Conc: 60.11 ng/ml



#21 AR-1248-1

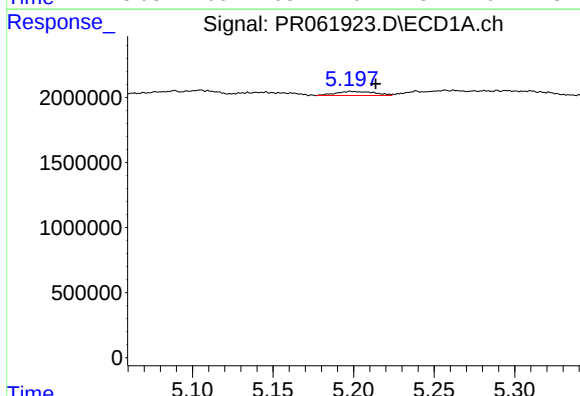
R.T.: 4.933 min
Delta R.T.: 0.014 min
Response: 2487312
Conc: 58.20 ng/ml

Instrument :
ECD_L
ClientSampleId :



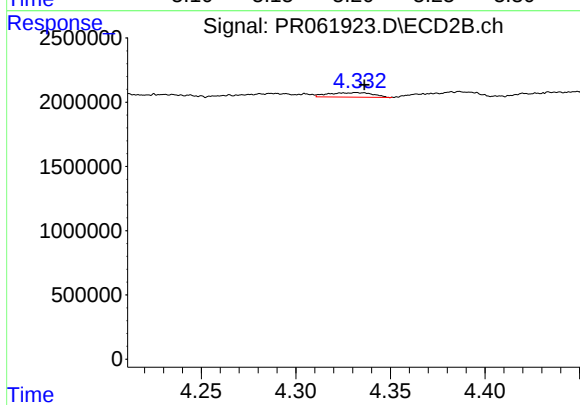
#21 AR-1248-1

R.T.: 4.106 min
Delta R.T.: 0.018 min
Response: 2009604
Conc: 32.84 ng/ml



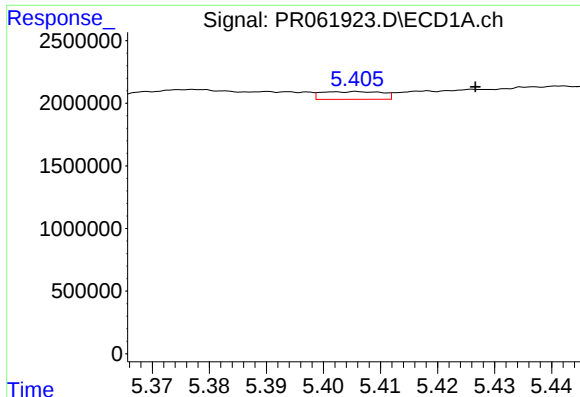
#22 AR-1248-2

R.T.: 5.199 min
Delta R.T.: -0.015 min
Response: 520128
Conc: 8.39 ng/ml



#22 AR-1248-2

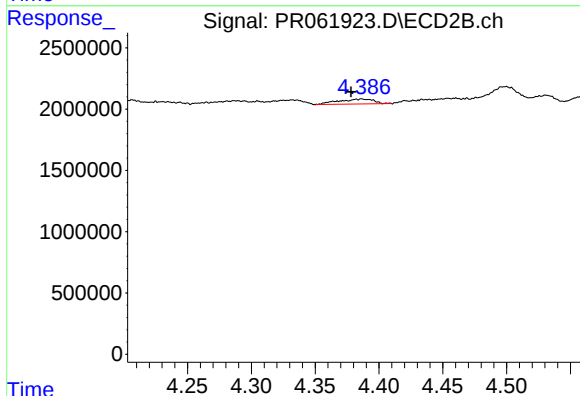
R.T.: 4.332 min
Delta R.T.: -0.004 min
Response: 578454
Conc: 6.71 ng/ml



#23 AR-1248-3

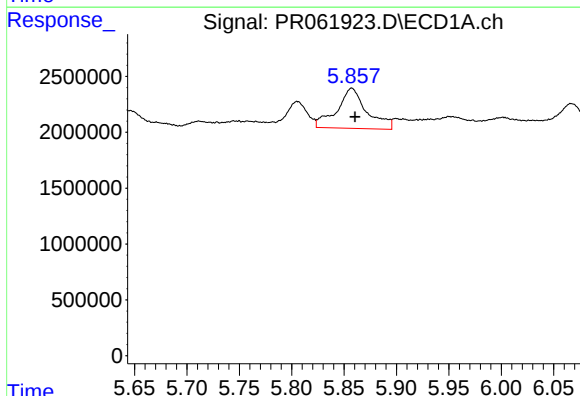
R.T.: 5.406 min
Delta R.T.: -0.021 min
Response: 455694
Conc: 6.33 ng/ml

Instrument :
ECD_L
ClientSampleId :



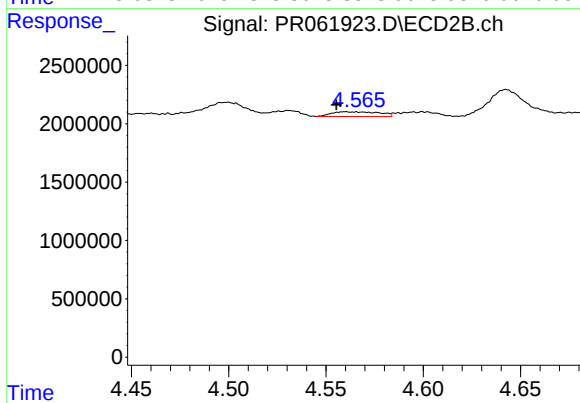
#23 AR-1248-3

R.T.: 4.387 min
Delta R.T.: 0.009 min
Response: 781229
Conc: 8.78 ng/ml



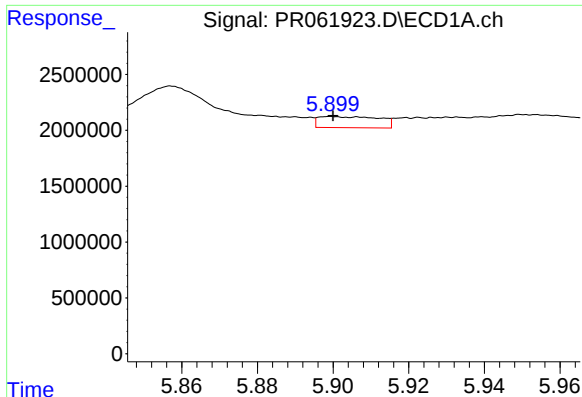
#24 AR-1248-4

R.T.: 5.857 min
Delta R.T.: -0.003 min
Response: 7162335
Conc: 98.01 ng/ml



#24 AR-1248-4

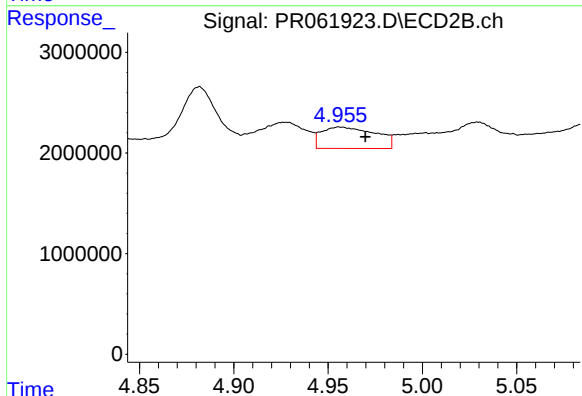
R.T.: 4.560 min
Delta R.T.: 0.005 min
Response: 699116
Conc: 6.48 ng/ml



#25 AR-1248-5

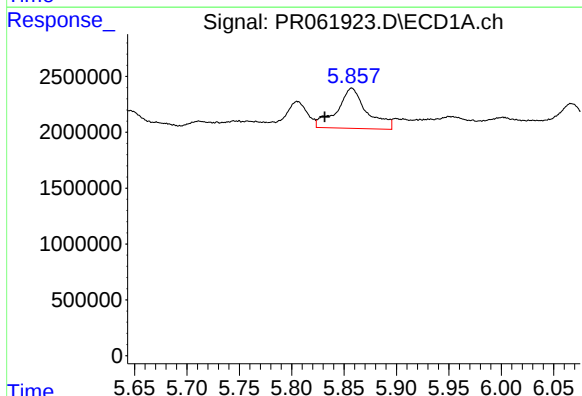
R.T.: 5.899 min
Delta R.T.: 0.000 min
Response: 1110826
Conc: 15.60 ng/ml

Instrument :
ECD_L
ClientSampleId :



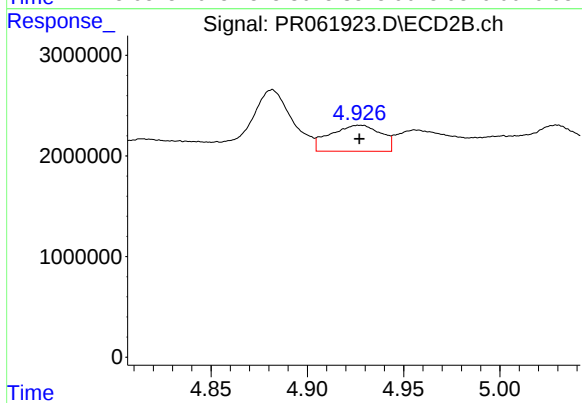
#25 AR-1248-5

R.T.: 4.956 min
Delta R.T.: -0.013 min
Response: 4231920
Conc: 39.56 ng/ml



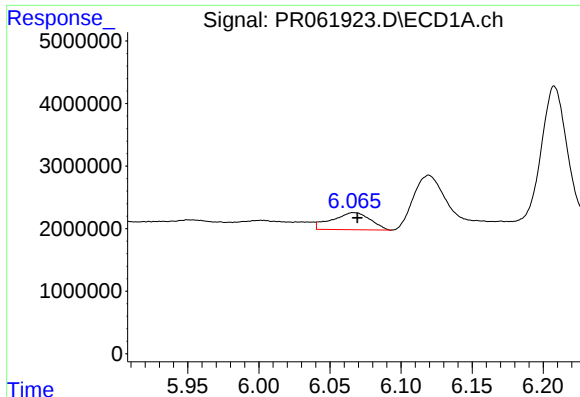
#26 AR-1254-1

R.T.: 5.857 min
Delta R.T.: 0.026 min
Response: 7162335
Conc: 89.78 ng/ml



#26 AR-1254-1

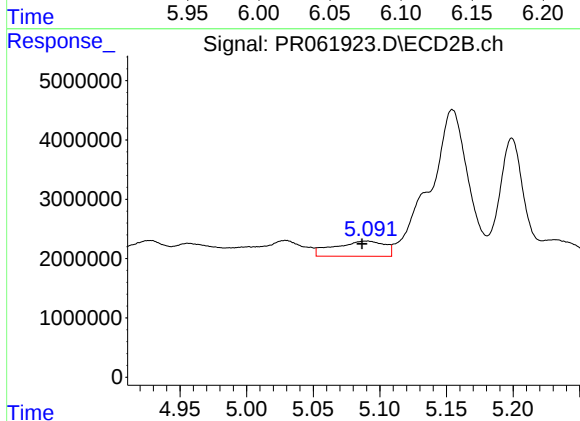
R.T.: 4.927 min
Delta R.T.: 0.000 min
Response: 4726212
Conc: 29.62 ng/ml



#27 AR-1254-2

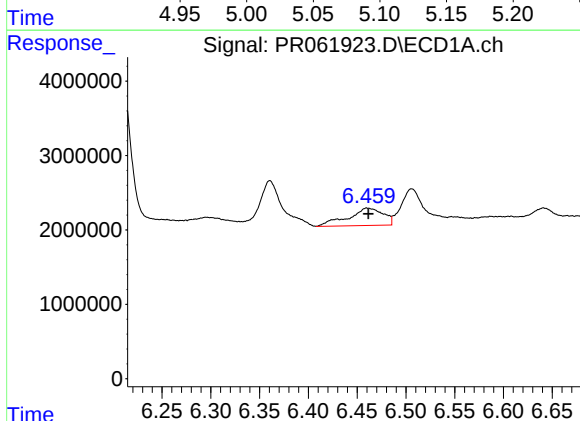
R.T.: 6.067 min
Delta R.T.: -0.002 min
Response: 5100760
Conc: 43.37 ng/ml

Instrument :
ECD_L
ClientSampleId :



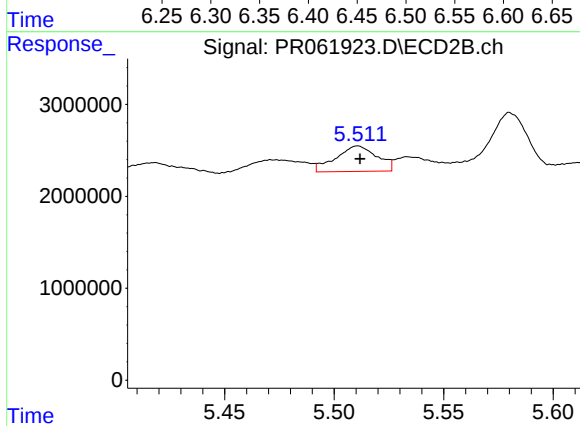
#27 AR-1254-2

R.T.: 5.090 min
Delta R.T.: 0.003 min
Response: 6711902
Conc: 46.22 ng/ml



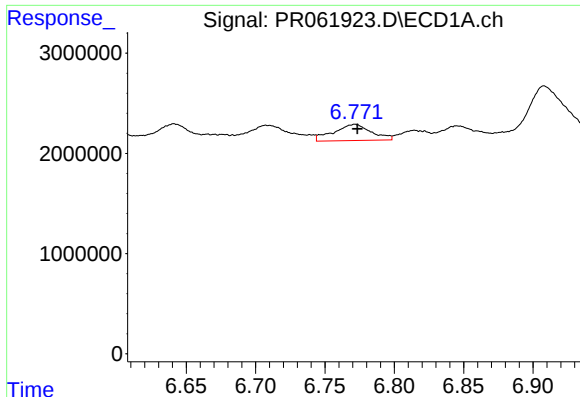
#28 AR-1254-3

R.T.: 6.460 min
Delta R.T.: -0.001 min
Response: 5875035
Conc: 51.25 ng/ml



#28 AR-1254-3

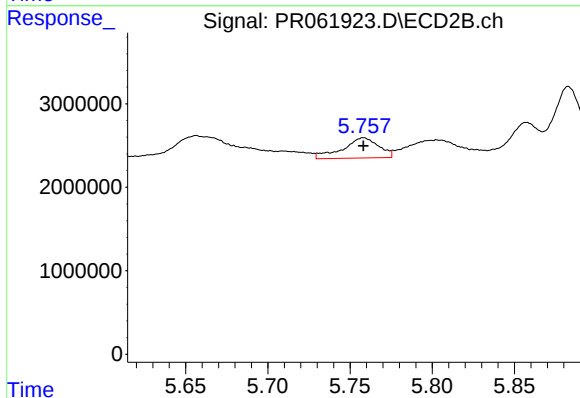
R.T.: 5.511 min
Delta R.T.: -0.001 min
Response: 3620334
Conc: 15.30 ng/ml



#29 AR-1254-4

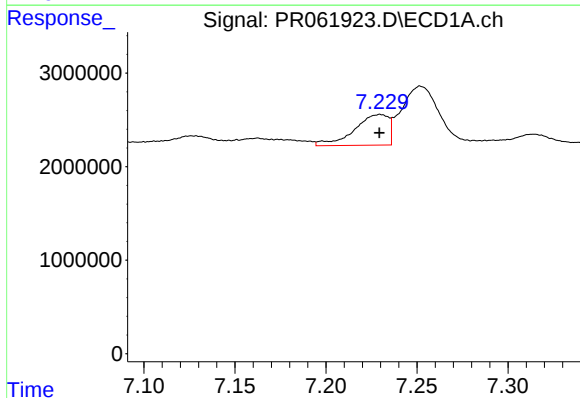
R.T.: 6.772 min
Delta R.T.: -0.002 min
Response: 3048218
Conc: 38.12 ng/ml

Instrument :
ECD_L
ClientSampleId :



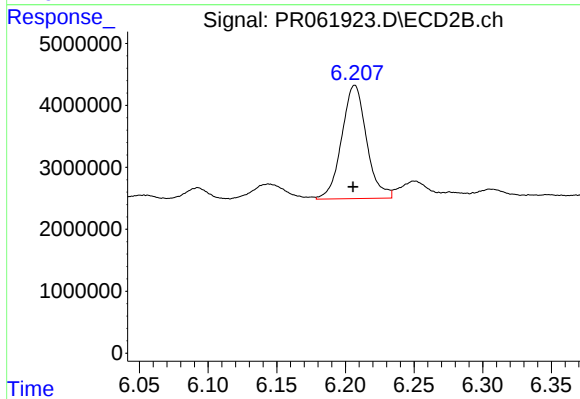
#29 AR-1254-4

R.T.: 5.758 min
Delta R.T.: 0.000 min
Response: 3694189
Conc: 24.26 ng/ml



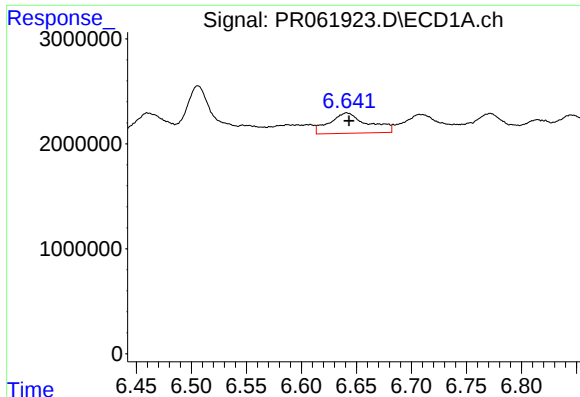
#30 AR-1254-5

R.T.: 7.230 min
Delta R.T.: 0.000 min
Response: 4288955
Conc: 47.81 ng/ml



#30 AR-1254-5

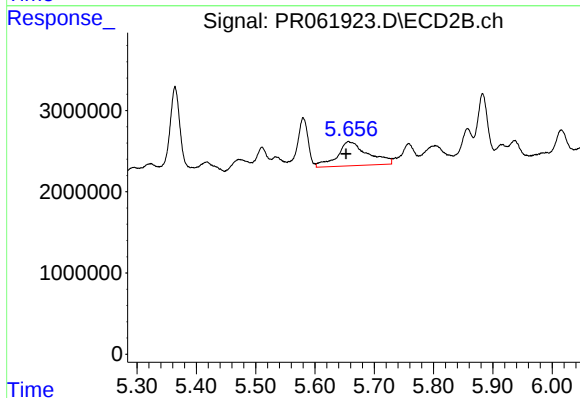
R.T.: 6.207 min
Delta R.T.: 0.001 min
Response: 23098012
Conc: 94.21 ng/ml



#31 AR-1260-1

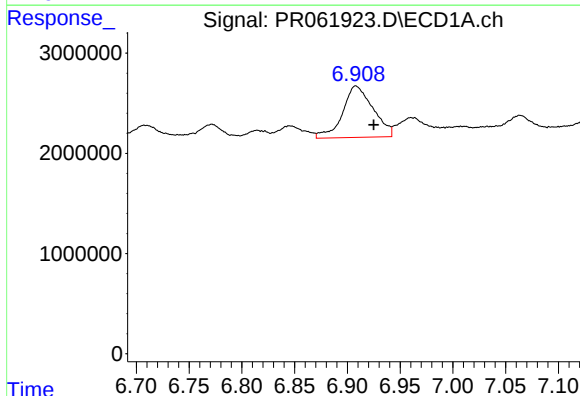
R.T.: 6.641 min
Delta R.T.: -0.002 min
Response: 4721381
Conc: 47.48 ng/ml

Instrument :
ECD_L
ClientSampleId :



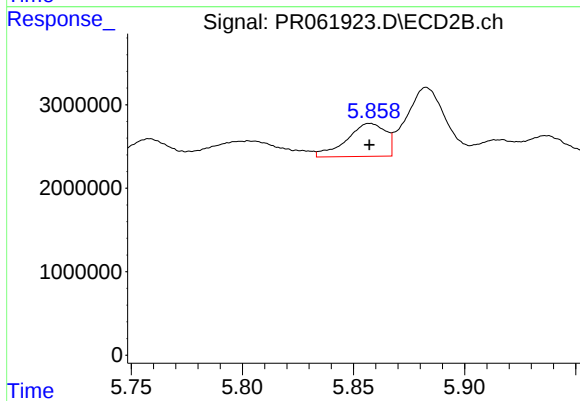
#31 AR-1260-1

R.T.: 5.657 min
Delta R.T.: 0.004 min
Response: 10674998
Conc: 61.49 ng/ml



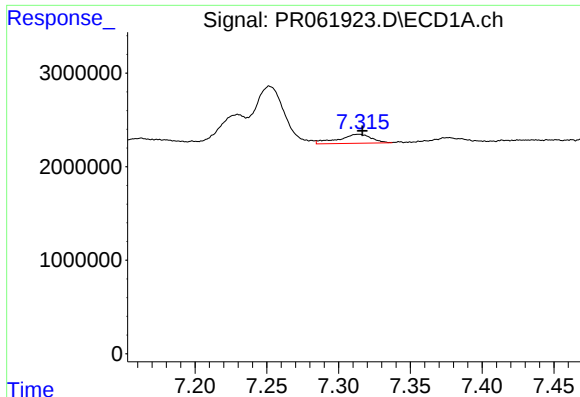
#32 AR-1260-2

R.T.: 6.908 min
Delta R.T.: -0.017 min
Response: 10297356
Conc: 93.43 ng/ml



#32 AR-1260-2

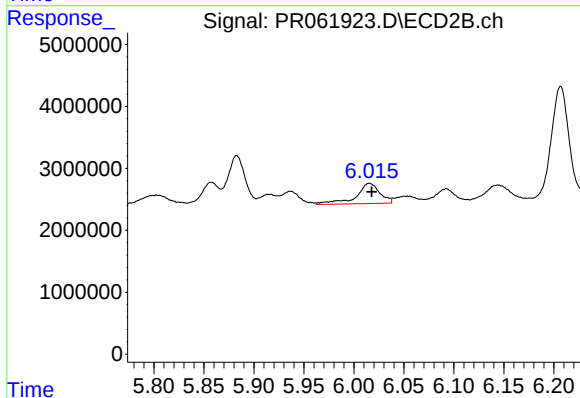
R.T.: 5.858 min
Delta R.T.: 0.000 min
Response: 4821998
Conc: 21.92 ng/ml



#33 AR-1260-3

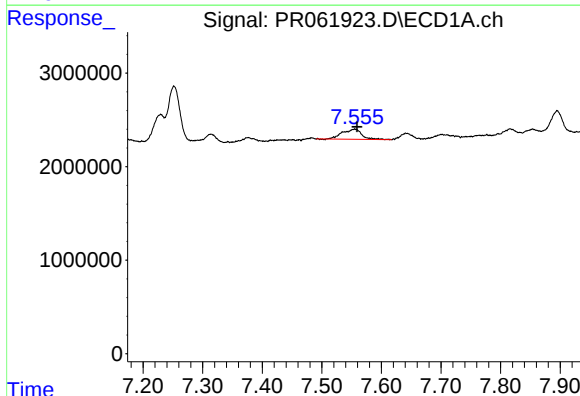
R.T.: 7.314 min
Delta R.T.: -0.003 min
Response: 1575955
Conc: 22.77 ng/ml

Instrument :
ECD_L
ClientSampleId :



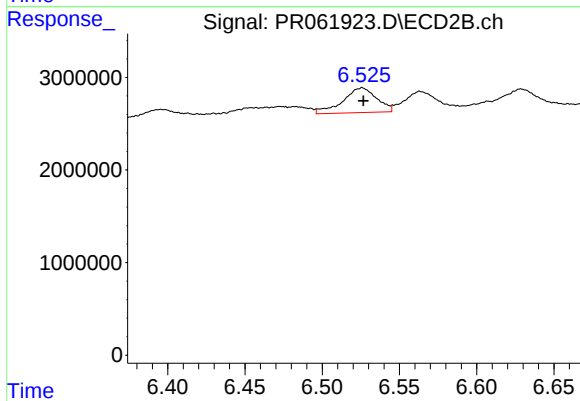
#33 AR-1260-3

R.T.: 6.016 min
Delta R.T.: -0.002 min
Response: 5402914
Conc: 25.83 ng/ml



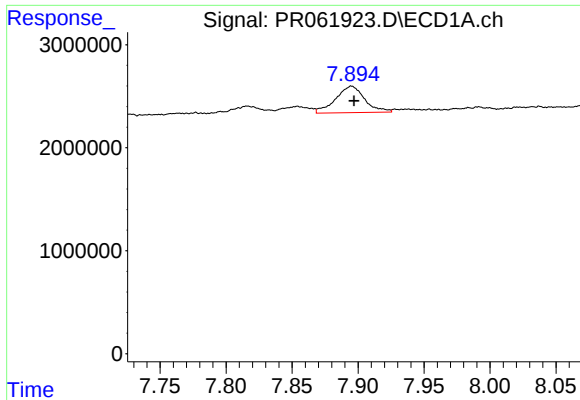
#34 AR-1260-4

R.T.: 7.556 min
Delta R.T.: -0.004 min
Response: 2452692
Conc: 29.95 ng/ml



#34 AR-1260-4

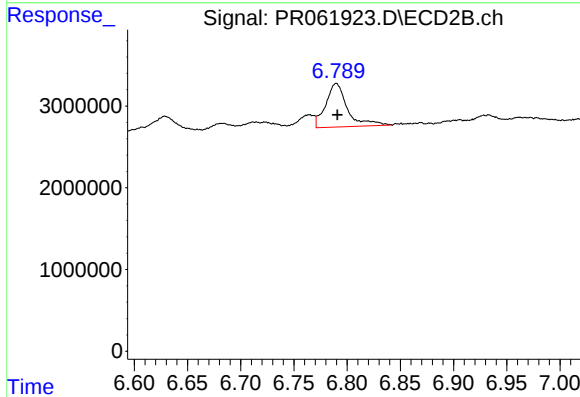
R.T.: 6.526 min
Delta R.T.: 0.000 min
Response: 4092137
Conc: 25.90 ng/ml



#35 AR-1260-5

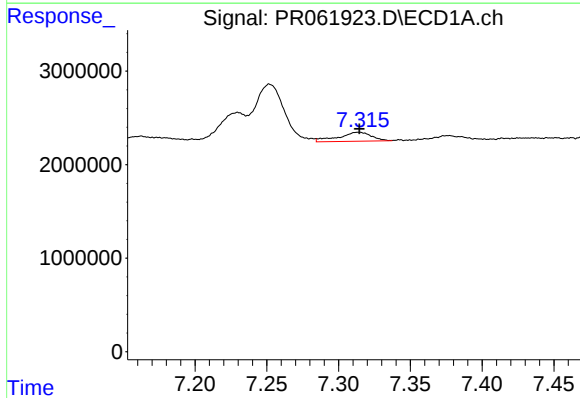
R.T.: 7.895 min
Delta R.T.: -0.002 min
Response: 3945519
Conc: 28.02 ng/ml

Instrument :
ECD_L
ClientSampleId :



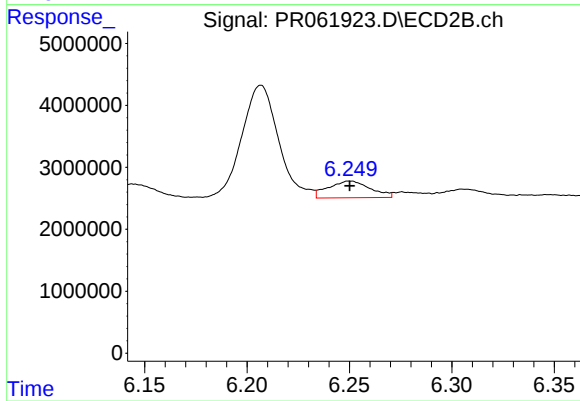
#35 AR-1260-5

R.T.: 6.790 min
Delta R.T.: -0.001 min
Response: 7595175
Conc: 20.45 ng/ml



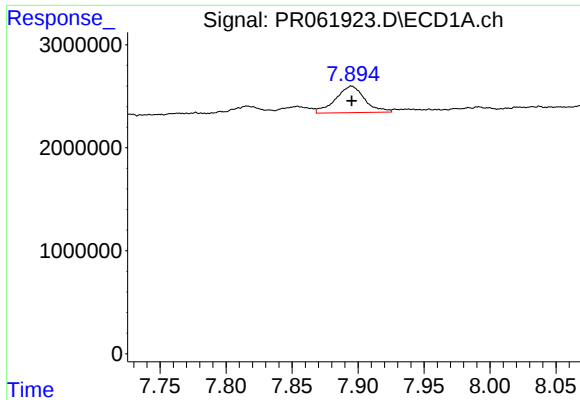
#36 AR-1262-1

R.T.: 7.314 min
Delta R.T.: 0.000 min
Response: 1575955
Conc: 14.68 ng/ml



#36 AR-1262-1

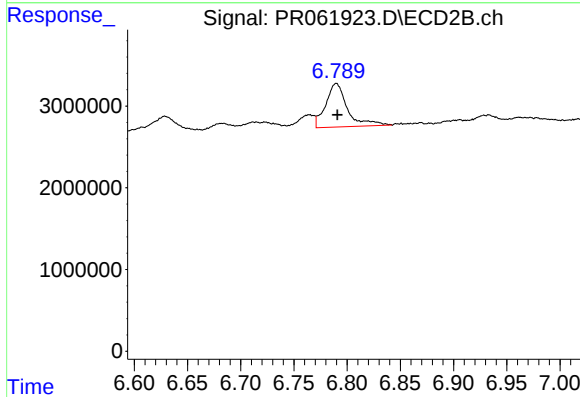
R.T.: 6.250 min
Delta R.T.: 0.000 min
Response: 3866998
Conc: 16.31 ng/ml



#37 AR-1262-2

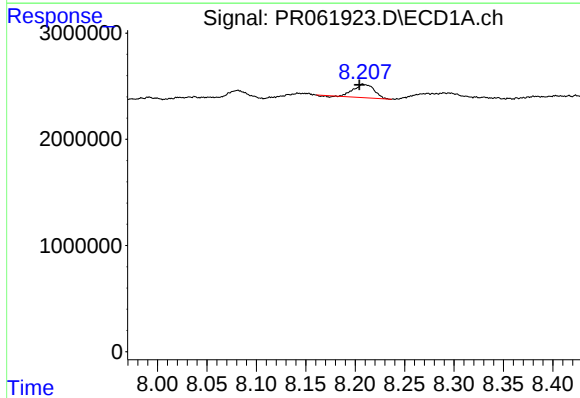
R.T.: 7.895 min
Delta R.T.: 0.000 min
Response: 3945519
Conc: 23.76 ng/ml

Instrument :
ECD_L
ClientSampleId :



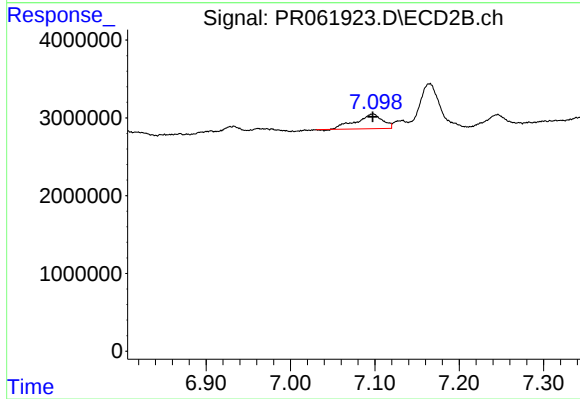
#37 AR-1262-2

R.T.: 6.790 min
Delta R.T.: -0.001 min
Response: 7595175
Conc: 17.33 ng/ml



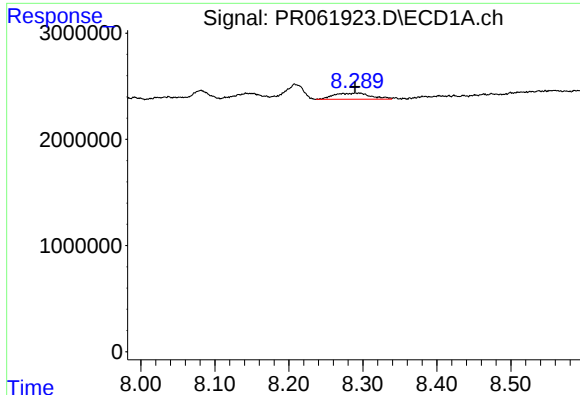
#38 AR-1262-3

R.T.: 8.208 min
Delta R.T.: 0.004 min
Response: 1799048
Conc: 15.74 ng/ml



#38 AR-1262-3

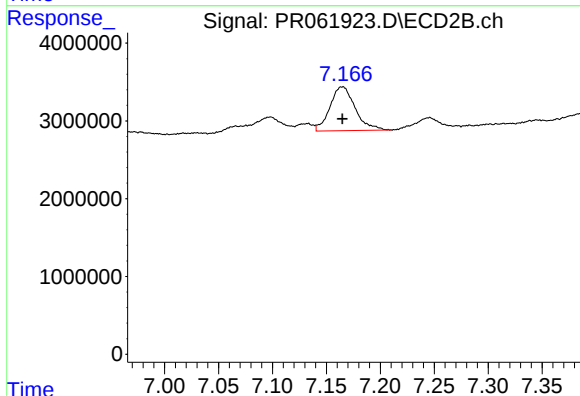
R.T.: 7.098 min
Delta R.T.: 0.000 min
Response: 4087090
Conc: 21.68 ng/ml



#39 AR-1262-4

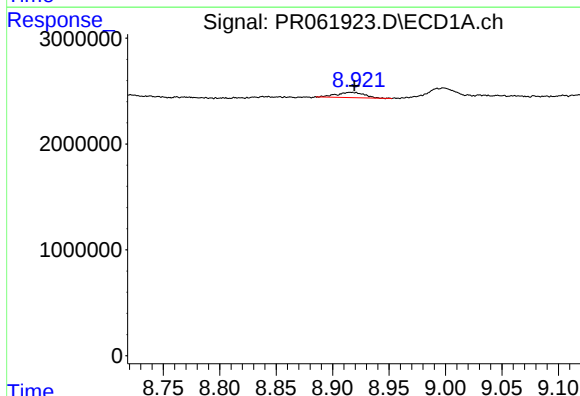
R.T.: 8.290 min
Delta R.T.: 0.000 min
Response: 2010437
Conc: 22.52 ng/ml

Instrument :
ECD_L
ClientSampleId :



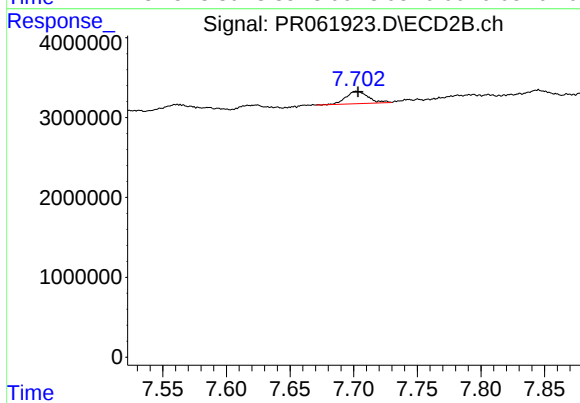
#39 AR-1262-4

R.T.: 7.165 min
Delta R.T.: 0.000 min
Response: 9151917
Conc: 27.21 ng/ml



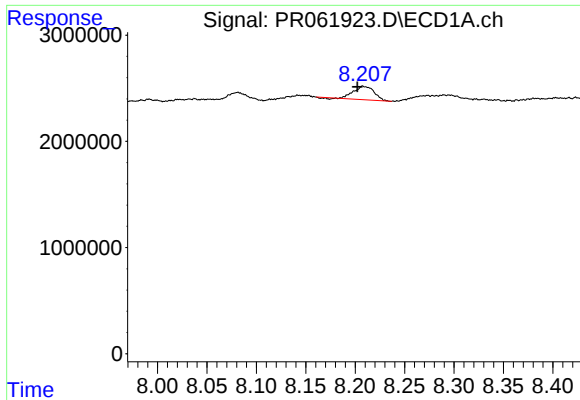
#40 AR-1262-5

R.T.: 8.916 min
Delta R.T.: -0.003 min
Response: 827565
Conc: 14.04 ng/ml



#40 AR-1262-5

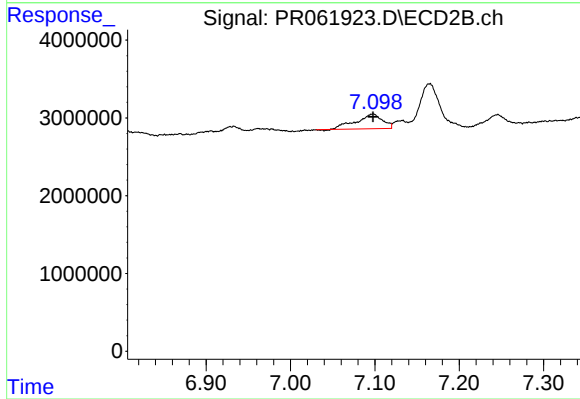
R.T.: 7.702 min
Delta R.T.: -0.001 min
Response: 1870306
Conc: 11.67 ng/ml



#41 AR-1268-1

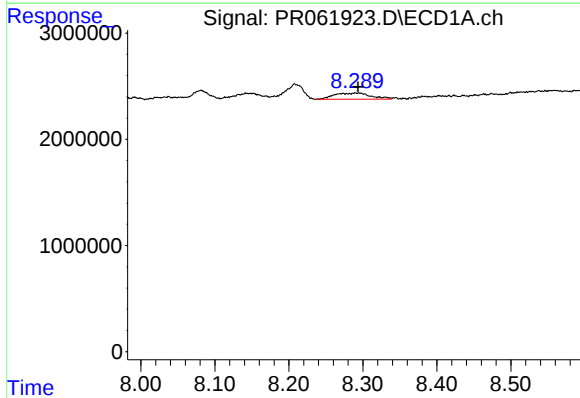
R.T.: 8.208 min
Delta R.T.: 0.006 min
Response: 1799048
Conc: 9.10 ng/ml

Instrument :
ECD_L
ClientSampleId :



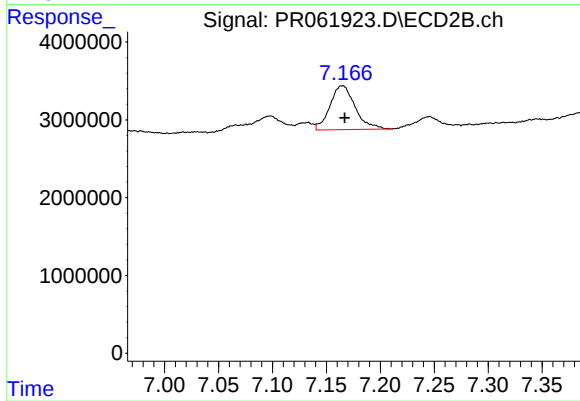
#41 AR-1268-1

R.T.: 7.098 min
Delta R.T.: 0.000 min
Response: 4087090
Conc: 7.94 ng/ml



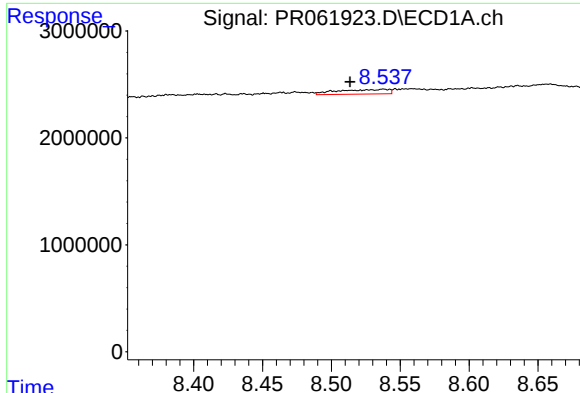
#42 AR-1268-2

R.T.: 8.290 min
Delta R.T.: -0.004 min
Response: 2010437
Conc: 11.03 ng/ml



#42 AR-1268-2

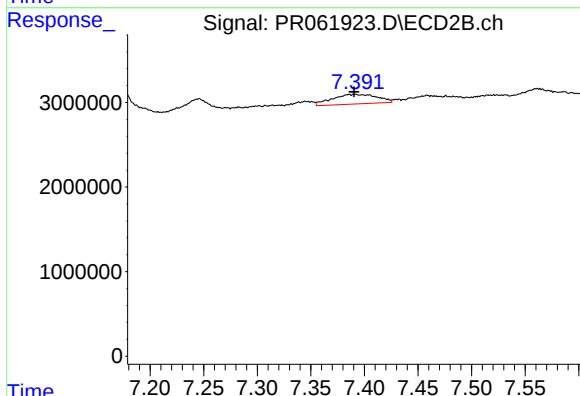
R.T.: 7.165 min
Delta R.T.: -0.002 min
Response: 9151917
Conc: 19.23 ng/ml



#43 AR-1268-3

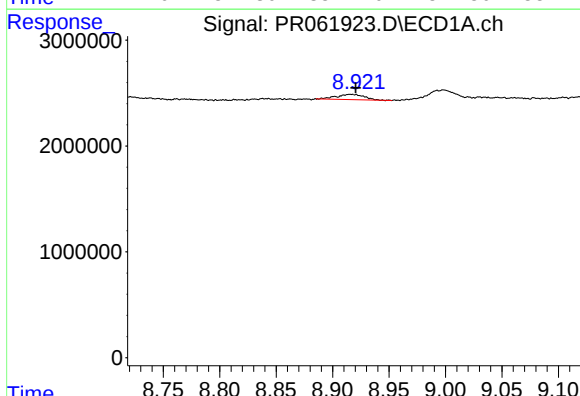
R.T.: 8.538 min
Delta R.T.: 0.024 min
Response: 1109915
Conc: 7.09 ng/ml

Instrument :
ECD_L
ClientSampleId :



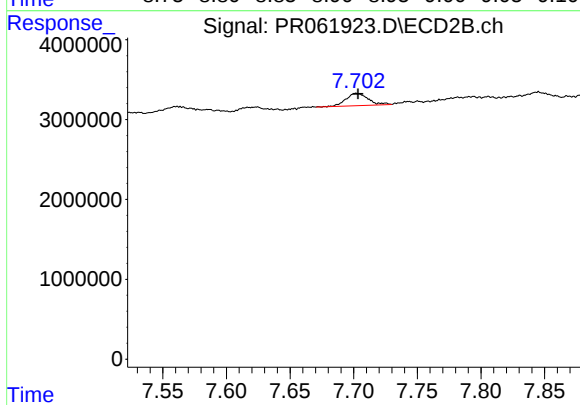
#43 AR-1268-3

R.T.: 7.392 min
Delta R.T.: 0.001 min
Response: 3337253
Conc: 8.15 ng/ml



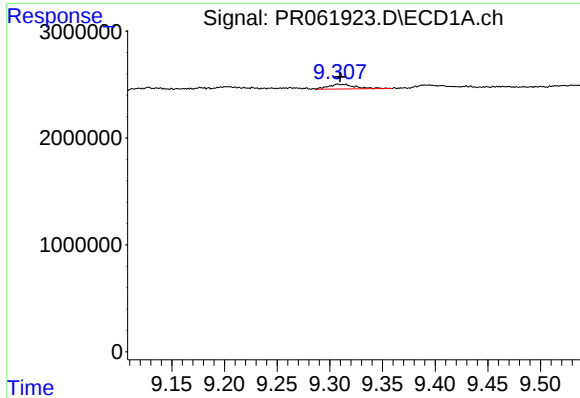
#44 AR-1268-4

R.T.: 8.916 min
Delta R.T.: -0.005 min
Response: 827565
Conc: 12.86 ng/ml



#44 AR-1268-4

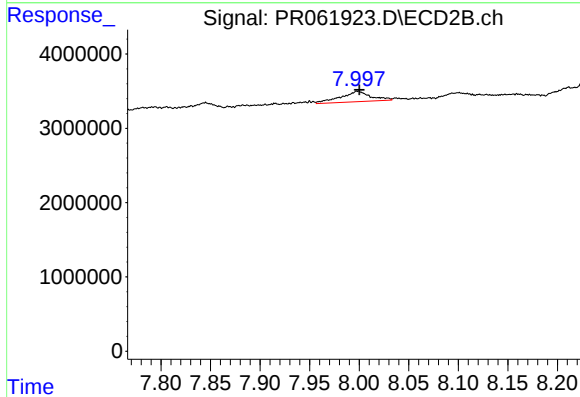
R.T.: 7.702 min
Delta R.T.: -0.001 min
Response: 1870306
Conc: 10.64 ng/ml



#45 AR-1268-5

R.T.: 9.308 min
Delta R.T.: -0.002 min
Response: 779554
Conc: 1.69 ng/ml

Instrument :
ECD_L
ClientSampleId :



#45 AR-1268-5

R.T.: 7.999 min
Delta R.T.: -0.002 min
Response: 2992474
Conc: 2.32 ng/ml