

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR091118\
 Data File : PR031969.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Sep 2018 11:37
 Operator : SM\SJ
 Sample : J4809-05RE
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 11 11:49:27 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR090618.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Sep 07 03:46:12 2018
 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...	4.528	3.650	188.7E6	357.3E6	9.625	9.690
2)	SA Decachlor...	10.282	8.516	154.9E6	137.4E6	4.815	5.250
Target Compounds							
3)	L1 AR-1016-1	5.229	4.300	9843221	18218492	18.302	16.645
4)	L1 AR-1016-2	5.423	4.703	19744067	59884828	34.907	35.118
5)	L1 AR-1016-3	5.688	4.703	13935621	59884828	15.787	20.653 #
6)	L1 AR-1016-4	5.780	4.774	4427572	2732969	5.653	1.471 #
7)	L1 AR-1016-5	6.164	5.138	12801831	19767730	19.108	11.452 #
8)	L2 AR-1221-1	0.000	3.855	0	2622214	N.D.	6.426 #
9)	L2 AR-1221-2	4.818	3.943	2239963	11941117	12.609	38.262 #
10)	L2 AR-1221-3	4.896	4.014	7512175	14326939	13.538	13.880
11)	L3 AR-1232-1	5.711	4.484	12496772	64121395	23.815	114.925 #
12)	L3 AR-1232-2	5.868	4.600	4752622	51469943	17.629	272.642 #
13)	L3 AR-1232-3	6.044	4.968	17721153	40368249	225.642	69.513 #
14)	L3 AR-1232-4	6.384	5.276	27722009	11138592	337.546	15.263 #
15)	L3 AR-1232-5	7.242	5.868	1486939	73889428	27.333	666.534 #
16)	L4 AR-1242-1	5.261	4.322	9999031	21015914	37.572	35.858
17)	L4 AR-1242-2	6.005	4.897	14794474	14395103	30.148	11.843 #
18)	L4 AR-1242-3	6.204	5.000	4660893	42070839	18.878	97.372 #
19)	L4 AR-1242-4	6.247	5.350	10535323	37270820	58.754	90.283 #
20)	L4 AR-1242-5	6.303	5.742	19530877	8639101	30.985	9.227 #
21)	L5 AR-1248-1	5.960	4.929	15673720	46137357	19.506	26.293 #
22)	L5 AR-1248-2	6.542	5.479	22227080	52403910	26.253	14.302 #
23)	L5 AR-1248-3	6.563	5.515	8419650	10736836	7.377	4.104 #
24)	L5 AR-1248-4	6.604	5.709	8384305	8183351	7.781	3.064 #
25)	L5 AR-1248-5	6.800	6.024	3475812	90062721	4.799	53.407 #
26)	L6 AR-1254-1	6.757	5.624	16412865	23181332	8.450	6.097 #
27)	L6 AR-1254-2	7.021	5.955	13066113	9619935	10.718	3.258 #
28)	L6 AR-1254-3	7.127	6.242	14683722	43781005	6.702	9.786 #
29)	L6 AR-1254-4	7.402	6.550	11175939	12499854	6.414	5.883
30)	L6 AR-1254-5	7.673	6.646	6167319	42494550	4.747	11.162 #
31)	L7 AR-1260-1	7.287	6.149	13307109	99914901	8.537	27.082 #
32)	L7 AR-1260-2	7.540	6.327	17314522	64486204	8.695	14.391 #
33)	L7 AR-1260-3	7.823	6.477	14525830	20793974	6.238	5.904
34)	L7 AR-1260-4	8.125	6.940	16289116	39501658	9.768	19.213 #
35)	L7 AR-1260-5	8.449	7.178	22820148	76338267	6.083	17.487 #
36)	L8 AR-1262-1	7.182	6.024	8768019	90062721	10.358	45.014 #
37)	L8 AR-1262-2	7.957	6.734	4005003	16370419	4.703	10.884 #
38)	L8 AR-1262-3	8.210	7.034	6042190	28914901	8.023	23.685 #
39)	L8 AR-1262-4	8.850	7.451	680065	37876142	0.320	22.615 #
40)	L8 AR-1262-5	9.522	8.007	10246689	9638884	6.707	7.615
41)	L9 AR-1268-1	7.900	6.682	7060056	31855537	7.739	19.518 #

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 Sample : J4809-05RE
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 ALS Vial : 14 Sample Multiplier: 1

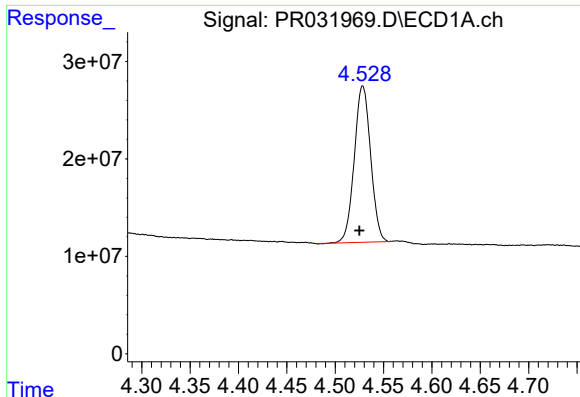
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 11 11:49:27 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR090618.M
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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	8.125	7.514	16289116	10042961	12.958	2.500 #
43) L9	AR-1268-3	8.745	7.718	436010	5147997	0.079	1.494 #
44) L9	AR-1268-4	0.000	7.809	0	2723202	N.D.	2.748 #
45) L9	AR-1268-5	9.942	8.274	3688118	24926660	0.303	2.613 #

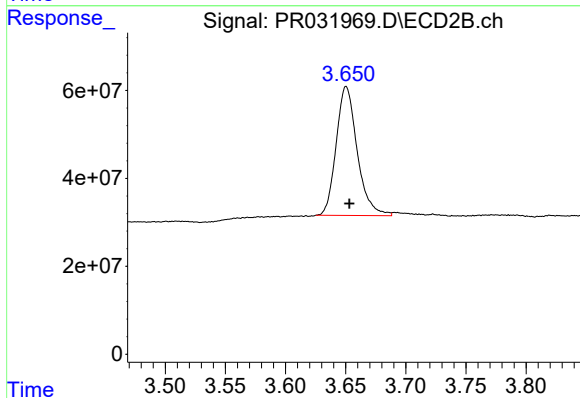
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

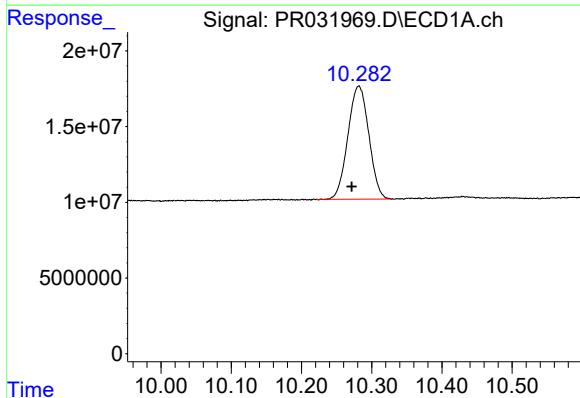
R.T.: 4.528 min
Delta R.T.: 0.003 min
Response: 188687973
Conc: 9.62 ng/ml

Instrument :
ECD_R
ClientSampleId :



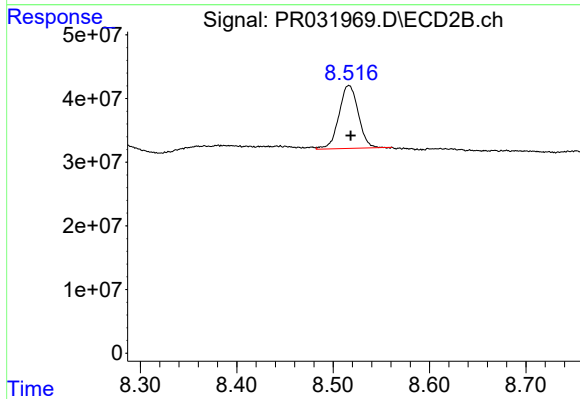
#1 Tetrachloro-m-xylene

R.T.: 3.650 min
Delta R.T.: -0.003 min
Response: 357274997
Conc: 9.69 ng/ml



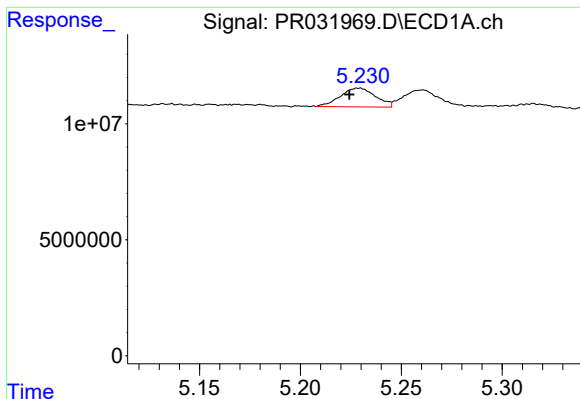
#2 Decachlorobiphenyl

R.T.: 10.282 min
Delta R.T.: 0.010 min
Response: 154865152
Conc: 4.81 ng/ml



#2 Decachlorobiphenyl

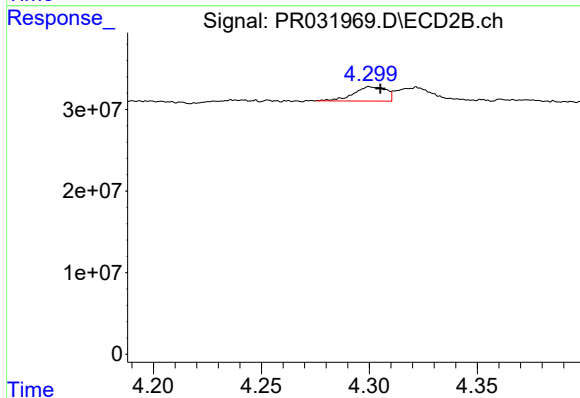
R.T.: 8.516 min
Delta R.T.: -0.002 min
Response: 137440119
Conc: 5.25 ng/ml



#3 AR-1016-1

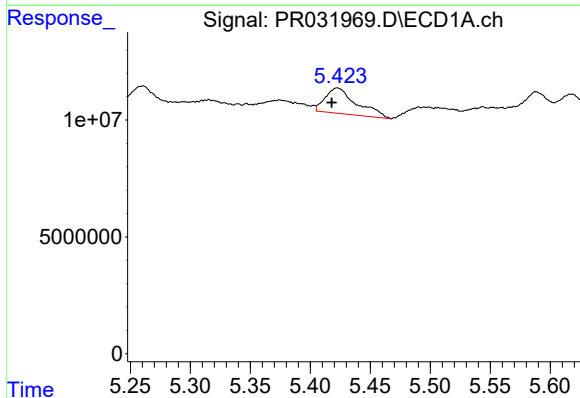
R.T.: 5.229 min
Delta R.T.: 0.005 min
Response: 9843221
Conc: 18.30 ng/ml

Instrument :
ECD_R
ClientSampleId :



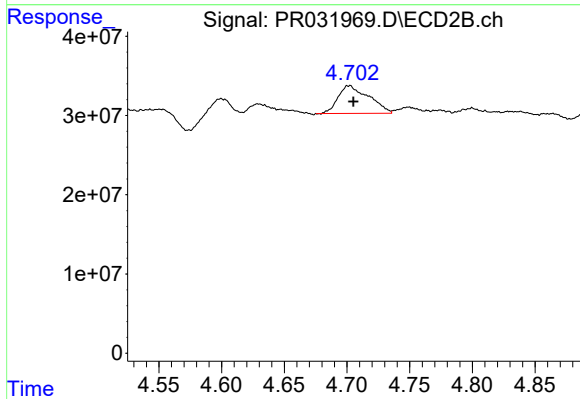
#3 AR-1016-1

R.T.: 4.300 min
Delta R.T.: -0.005 min
Response: 18218492
Conc: 16.65 ng/ml



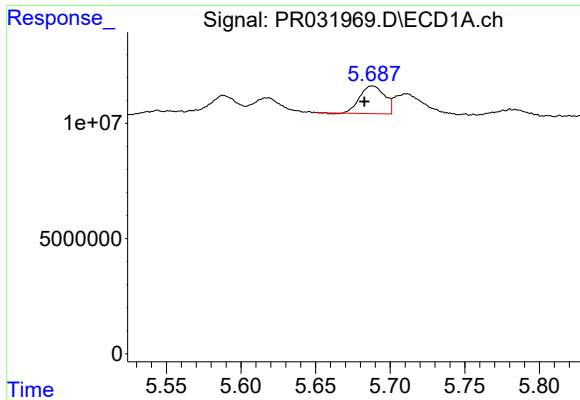
#4 AR-1016-2

R.T.: 5.423 min
Delta R.T.: 0.005 min
Response: 19744067
Conc: 34.91 ng/ml



#4 AR-1016-2

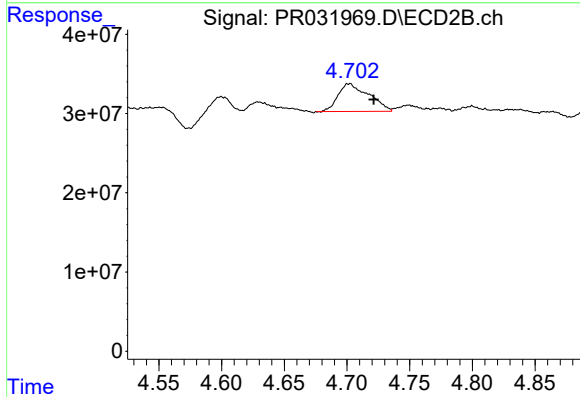
R.T.: 4.703 min
Delta R.T.: -0.002 min
Response: 59884828
Conc: 35.12 ng/ml



#5 AR-1016-3

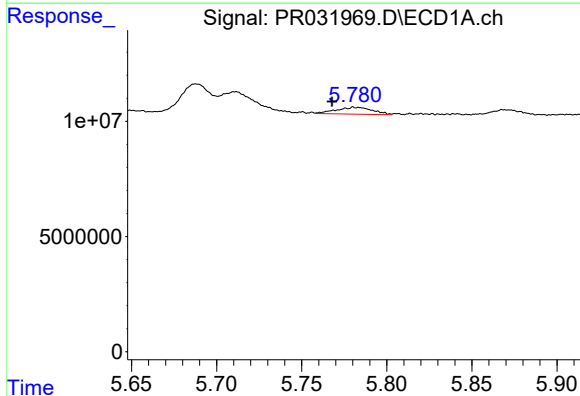
R.T.: 5.688 min
Delta R.T.: 0.005 min
Response: 13935621
Conc: 15.79 ng/ml

Instrument :
ECD_R
ClientSampleId :



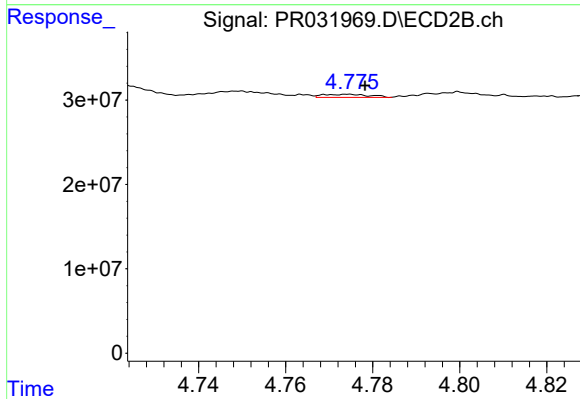
#5 AR-1016-3

R.T.: 4.703 min
Delta R.T.: -0.019 min
Response: 59884828
Conc: 20.65 ng/ml



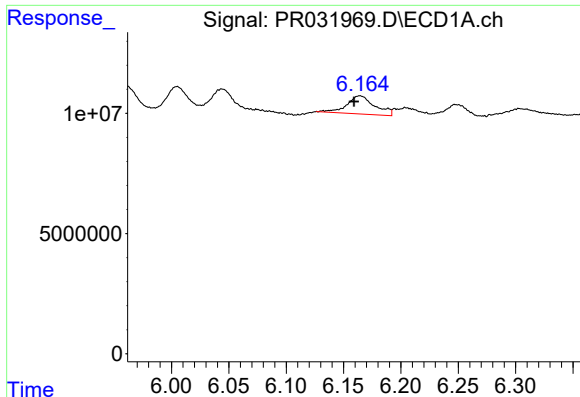
#6 AR-1016-4

R.T.: 5.780 min
Delta R.T.: 0.013 min
Response: 4427572
Conc: 5.65 ng/ml



#6 AR-1016-4

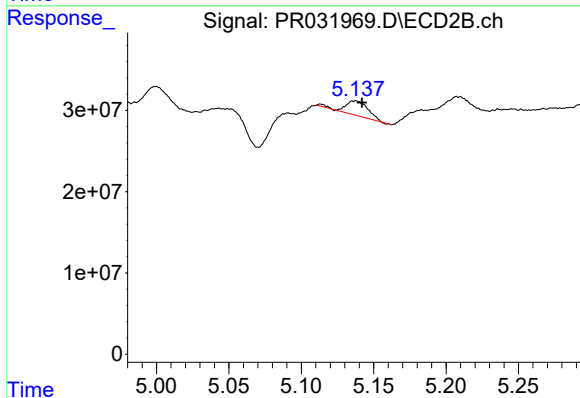
R.T.: 4.774 min
Delta R.T.: -0.004 min
Response: 2732969
Conc: 1.47 ng/ml



#7 AR-1016-5

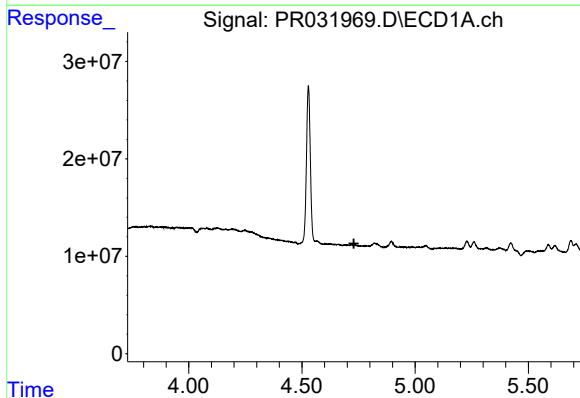
R.T.: 6.164 min
Delta R.T.: 0.005 min
Response: 12801831
Conc: 19.11 ng/ml

Instrument :
ECD_R
ClientSampleId :



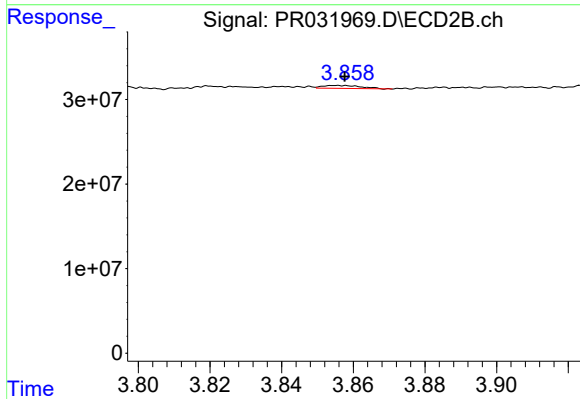
#7 AR-1016-5

R.T.: 5.138 min
Delta R.T.: -0.004 min
Response: 19767730
Conc: 11.45 ng/ml



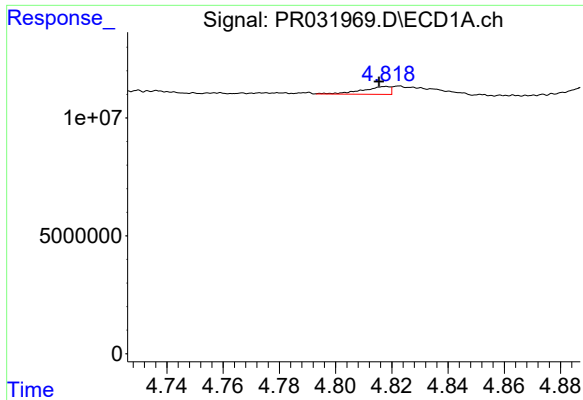
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.730 min
Response: 0
Conc: N.D.



#8 AR-1221-1

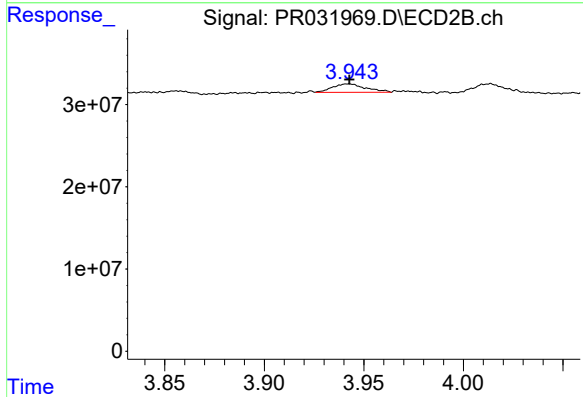
R.T.: 3.855 min
Delta R.T.: -0.002 min
Response: 2622214
Conc: 6.43 ng/ml



#9 AR-1221-2

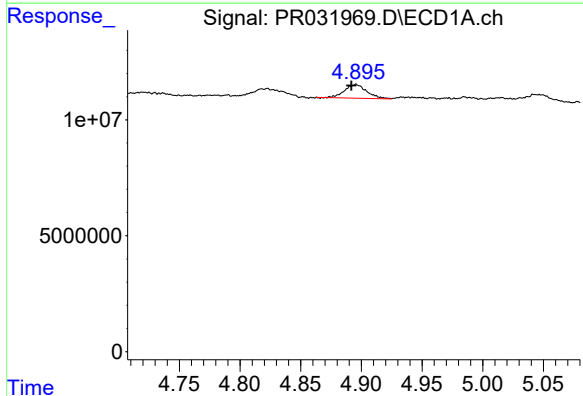
R.T.: 4.818 min
Delta R.T.: 0.003 min
Response: 2239963
Conc: 12.61 ng/ml

Instrument :
ECD_R
ClientSampleId :



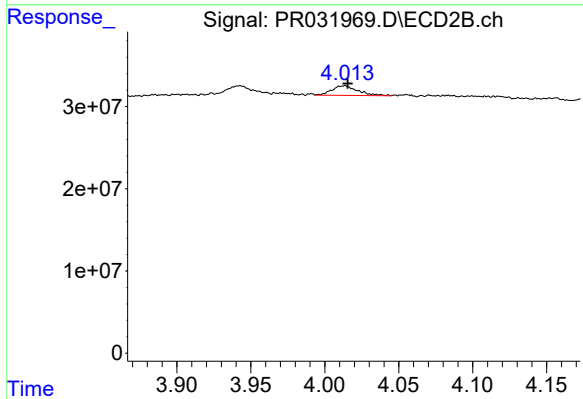
#9 AR-1221-2

R.T.: 3.943 min
Delta R.T.: 0.000 min
Response: 11941117
Conc: 38.26 ng/ml



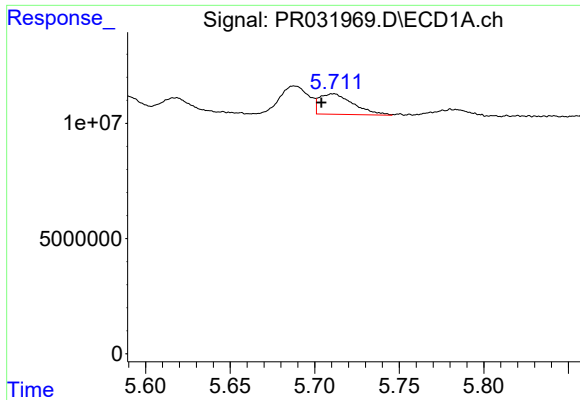
#10 AR-1221-3

R.T.: 4.896 min
Delta R.T.: 0.004 min
Response: 7512175
Conc: 13.54 ng/ml



#10 AR-1221-3

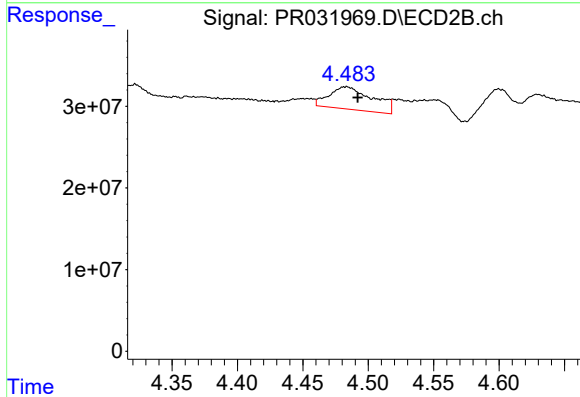
R.T.: 4.014 min
Delta R.T.: -0.002 min
Response: 14326939
Conc: 13.88 ng/ml



#11 AR-1232-1

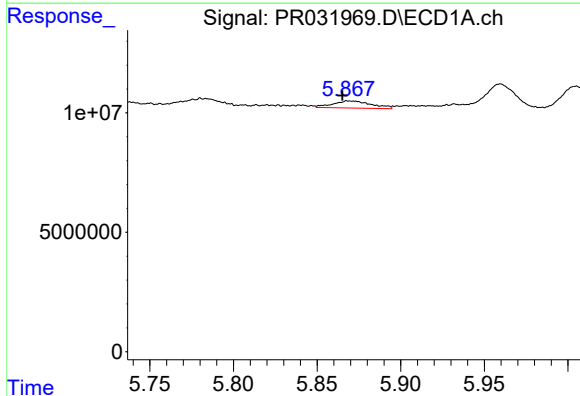
R.T.: 5.711 min
Delta R.T.: 0.007 min
Response: 12496772
Conc: 23.81 ng/ml

Instrument :
ECD_R
ClientSampleId :



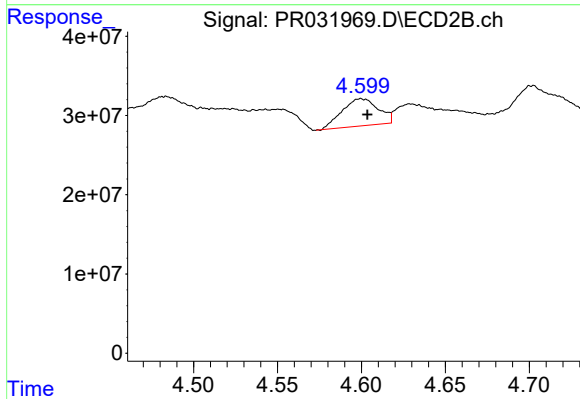
#11 AR-1232-1

R.T.: 4.484 min
Delta R.T.: -0.008 min
Response: 64121395
Conc: 114.93 ng/ml



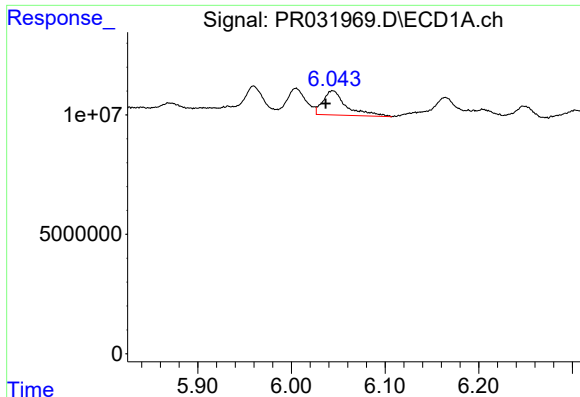
#12 AR-1232-2

R.T.: 5.868 min
Delta R.T.: 0.003 min
Response: 4752622
Conc: 17.63 ng/ml



#12 AR-1232-2

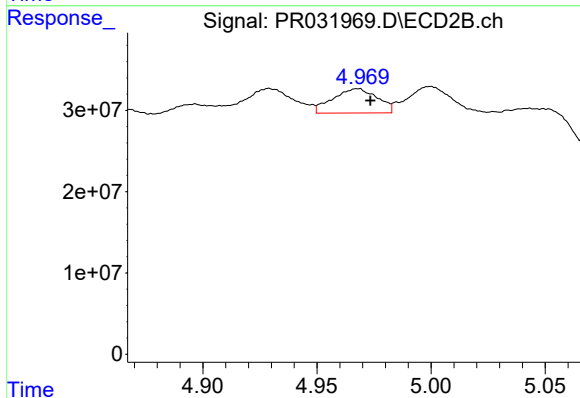
R.T.: 4.600 min
Delta R.T.: -0.004 min
Response: 51469943
Conc: 272.64 ng/ml



#13 AR-1232-3

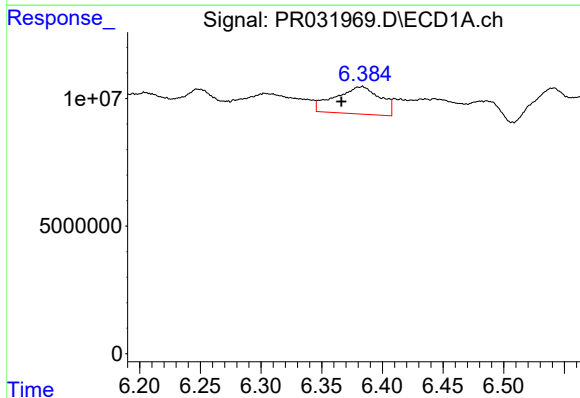
R.T.: 6.044 min
Delta R.T.: 0.007 min
Response: 17721153
Conc: 225.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



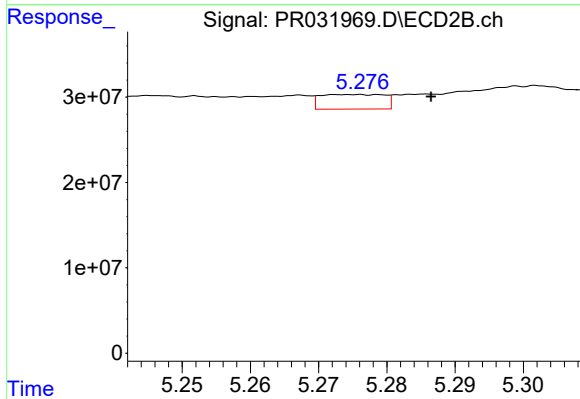
#13 AR-1232-3

R.T.: 4.968 min
Delta R.T.: -0.005 min
Response: 40368249
Conc: 69.51 ng/ml



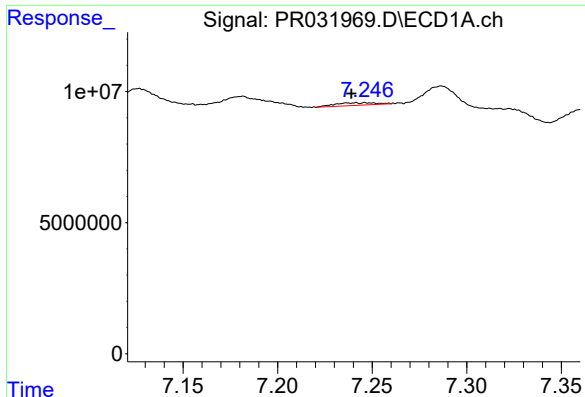
#14 AR-1232-4

R.T.: 6.384 min
Delta R.T.: 0.017 min
Response: 27722009
Conc: 337.55 ng/ml



#14 AR-1232-4

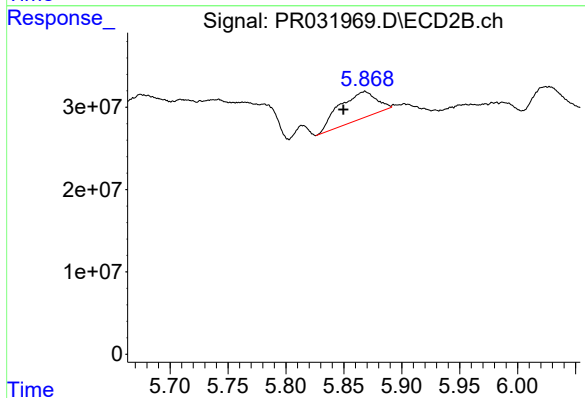
R.T.: 5.276 min
Delta R.T.: -0.011 min
Response: 11138592
Conc: 15.26 ng/ml



#15 AR-1232-5

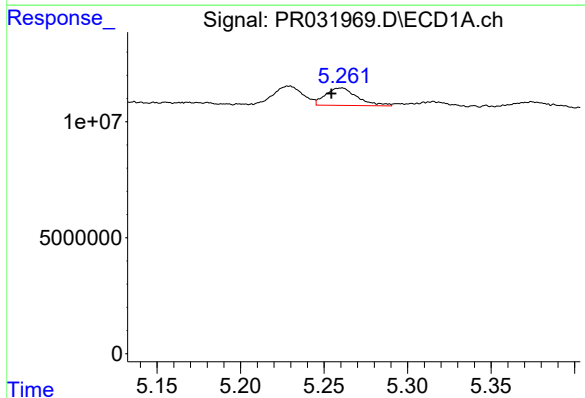
R.T.: 7.242 min
Delta R.T.: 0.003 min
Response: 1486939
Conc: 27.33 ng/ml

Instrument :
ECD_R
ClientSampleId :



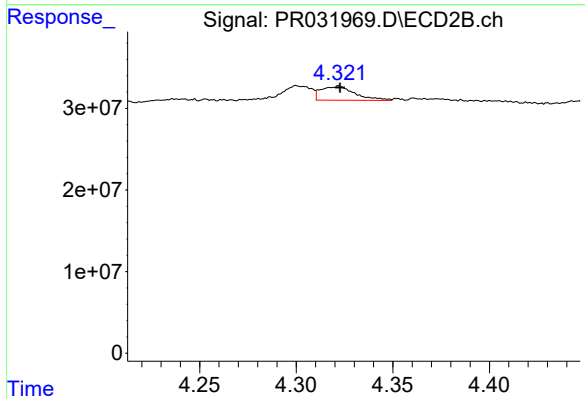
#15 AR-1232-5

R.T.: 5.868 min
Delta R.T.: 0.019 min
Response: 73889428
Conc: 666.53 ng/ml



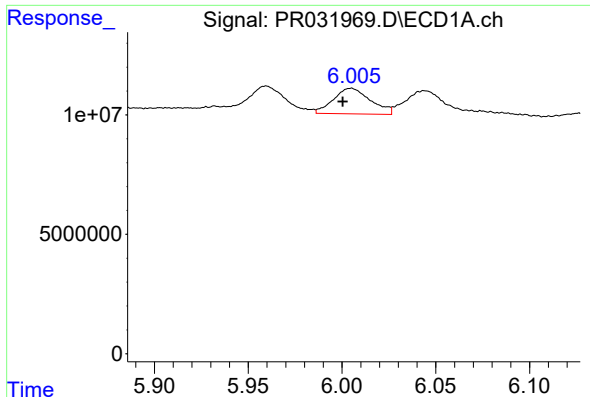
#16 AR-1242-1

R.T.: 5.261 min
Delta R.T.: 0.006 min
Response: 9999031
Conc: 37.57 ng/ml



#16 AR-1242-1

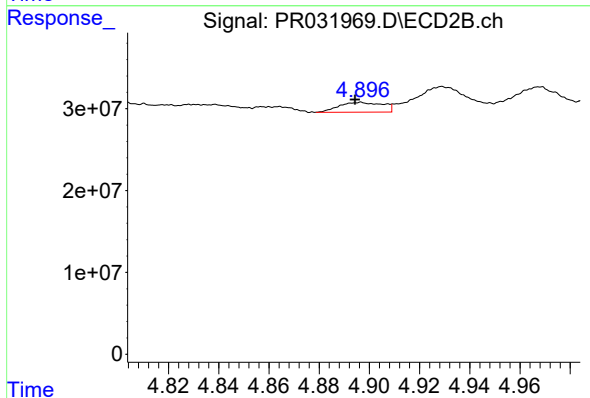
R.T.: 4.322 min
Delta R.T.: 0.000 min
Response: 21015914
Conc: 35.86 ng/ml



#17 AR-1242-2

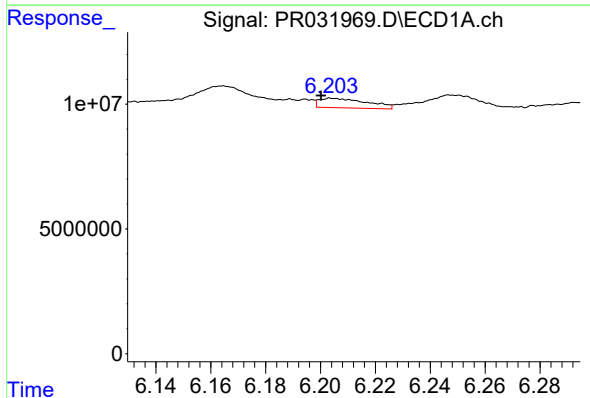
R.T.: 6.005 min
Delta R.T.: 0.005 min
Response: 14794474
Conc: 30.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



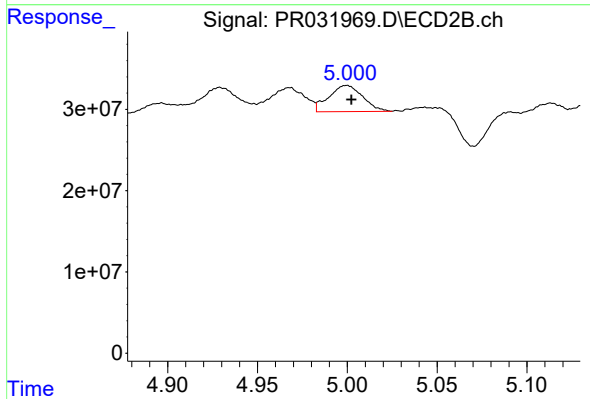
#17 AR-1242-2

R.T.: 4.897 min
Delta R.T.: 0.002 min
Response: 14395103
Conc: 11.84 ng/ml



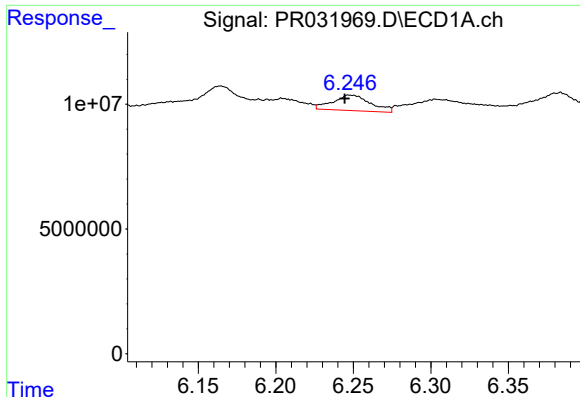
#18 AR-1242-3

R.T.: 6.204 min
Delta R.T.: 0.003 min
Response: 4660893
Conc: 18.88 ng/ml



#18 AR-1242-3

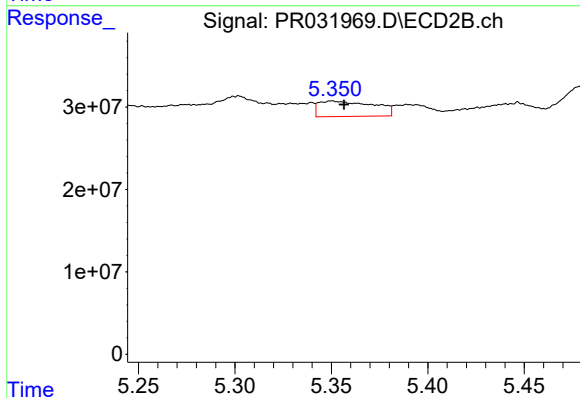
R.T.: 5.000 min
Delta R.T.: -0.002 min
Response: 42070839
Conc: 97.37 ng/ml



#19 AR-1242-4

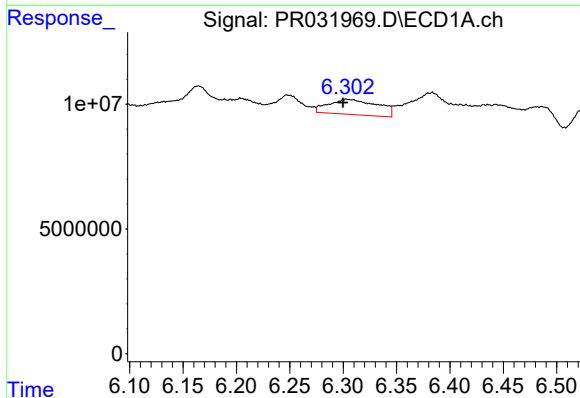
R.T.: 6.247 min
Delta R.T.: 0.003 min
Response: 10535323
Conc: 58.75 ng/ml

Instrument :
ECD_R
ClientSampleId :



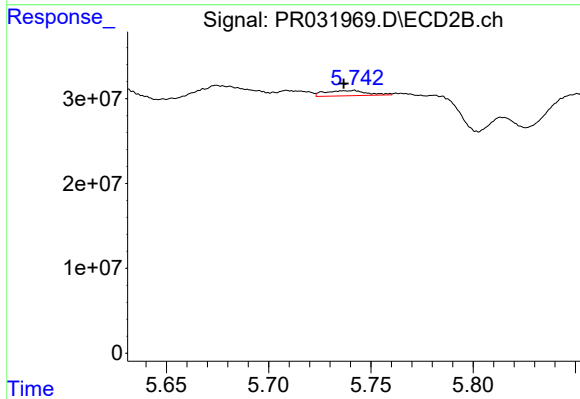
#19 AR-1242-4

R.T.: 5.350 min
Delta R.T.: -0.006 min
Response: 37270820
Conc: 90.28 ng/ml



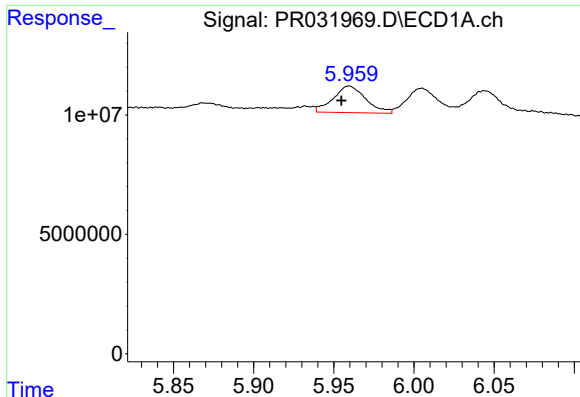
#20 AR-1242-5

R.T.: 6.303 min
Delta R.T.: 0.003 min
Response: 19530877
Conc: 30.98 ng/ml



#20 AR-1242-5

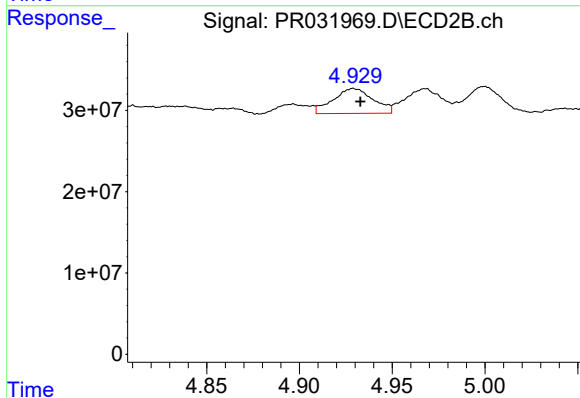
R.T.: 5.742 min
Delta R.T.: 0.005 min
Response: 8639101
Conc: 9.23 ng/ml



#21 AR-1248-1

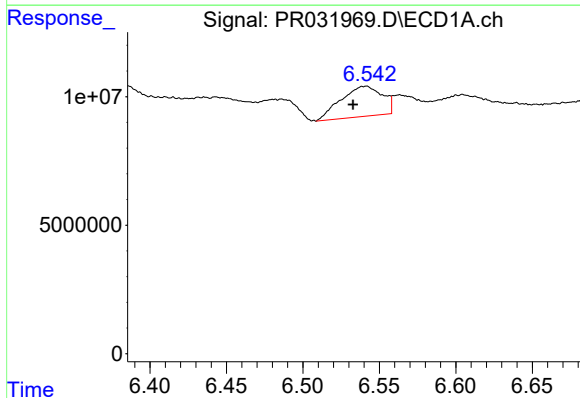
R.T.: 5.960 min
Delta R.T.: 0.005 min
Response: 15673720
Conc: 19.51 ng/ml

Instrument :
ECD_R
ClientSampleId :



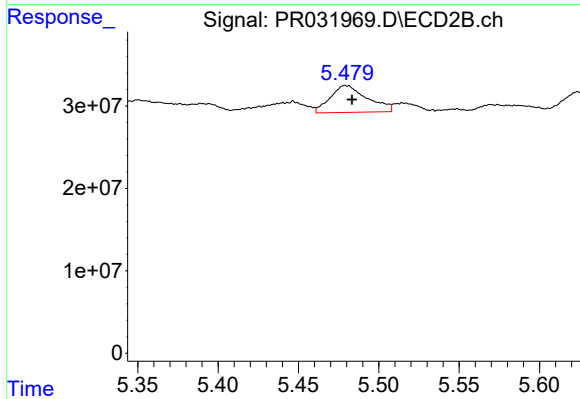
#21 AR-1248-1

R.T.: 4.929 min
Delta R.T.: -0.004 min
Response: 46137357
Conc: 26.29 ng/ml



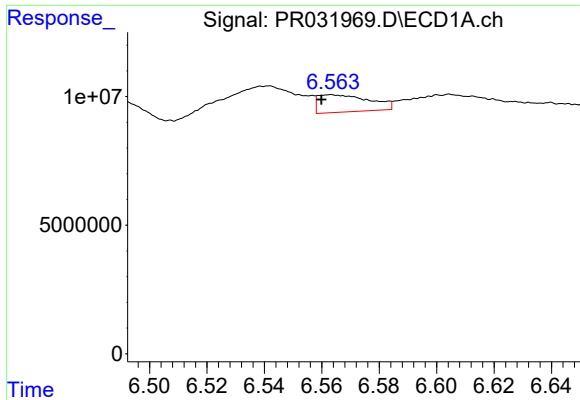
#22 AR-1248-2

R.T.: 6.542 min
Delta R.T.: 0.009 min
Response: 22227080
Conc: 26.25 ng/ml



#22 AR-1248-2

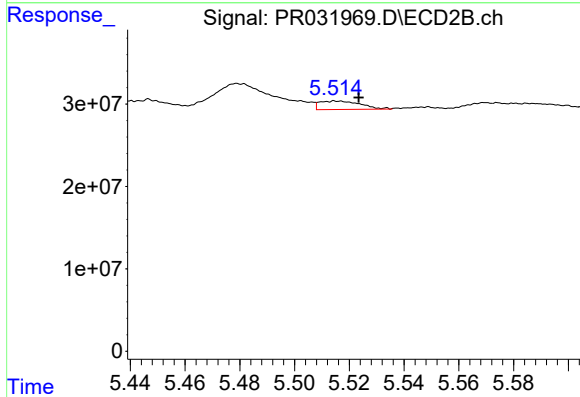
R.T.: 5.479 min
Delta R.T.: -0.005 min
Response: 52403910
Conc: 14.30 ng/ml



#23 AR-1248-3

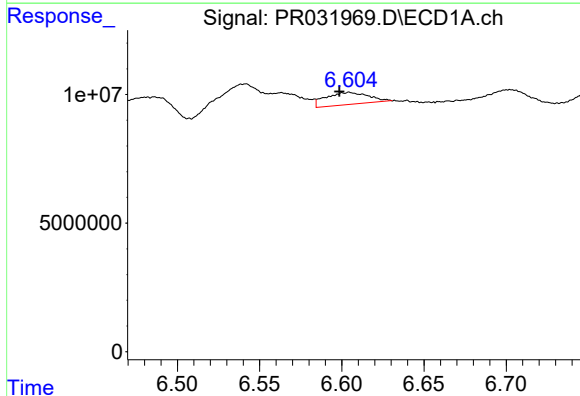
R.T.: 6.563 min
Delta R.T.: 0.003 min
Response: 8419650
Conc: 7.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



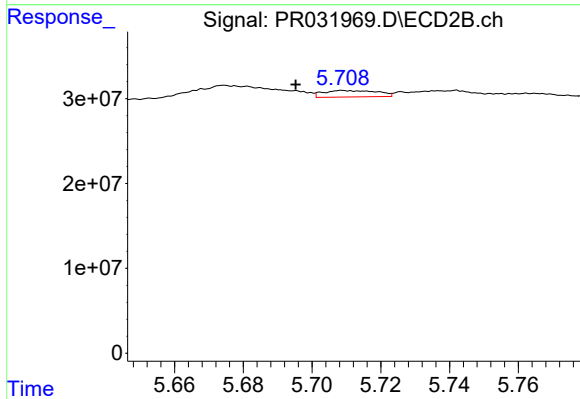
#23 AR-1248-3

R.T.: 5.515 min
Delta R.T.: -0.009 min
Response: 10736836
Conc: 4.10 ng/ml



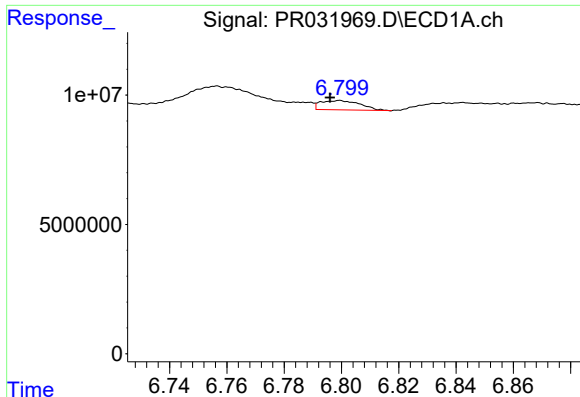
#24 AR-1248-4

R.T.: 6.604 min
Delta R.T.: 0.006 min
Response: 8384305
Conc: 7.78 ng/ml



#24 AR-1248-4

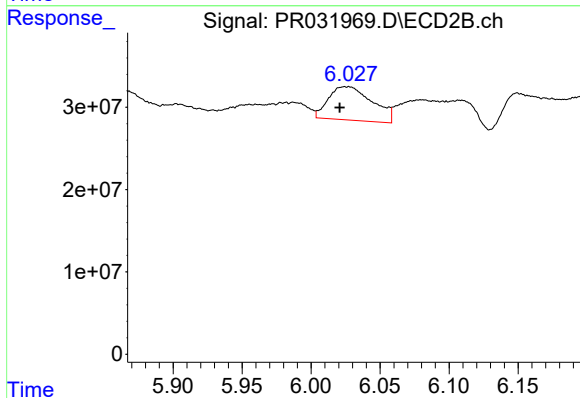
R.T.: 5.709 min
Delta R.T.: 0.014 min
Response: 8183351
Conc: 3.06 ng/ml



#25 AR-1248-5

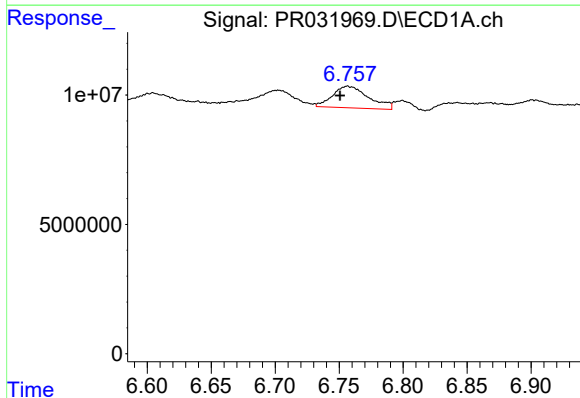
R.T.: 6.800 min
Delta R.T.: 0.003 min
Response: 3475812
Conc: 4.80 ng/ml

Instrument :
ECD_R
ClientSampleId :



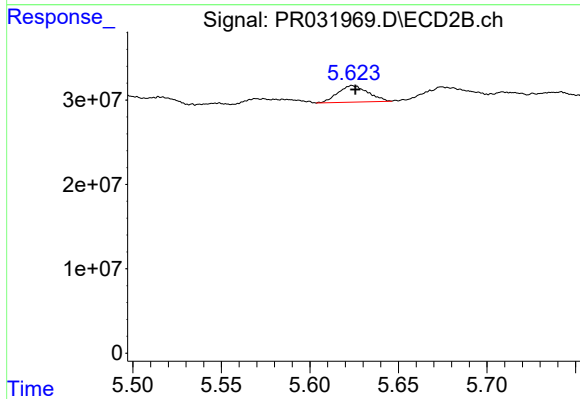
#25 AR-1248-5

R.T.: 6.024 min
Delta R.T.: 0.004 min
Response: 90062721
Conc: 53.41 ng/ml



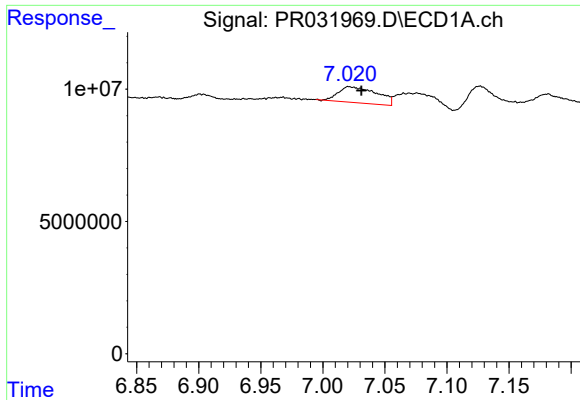
#26 AR-1254-1

R.T.: 6.757 min
Delta R.T.: 0.006 min
Response: 16412865
Conc: 8.45 ng/ml



#26 AR-1254-1

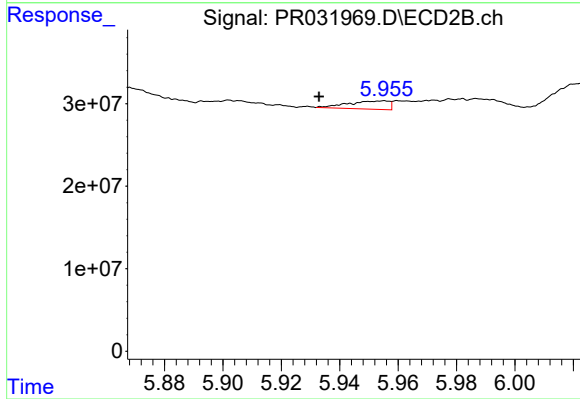
R.T.: 5.624 min
Delta R.T.: -0.002 min
Response: 23181332
Conc: 6.10 ng/ml



#27 AR-1254-2

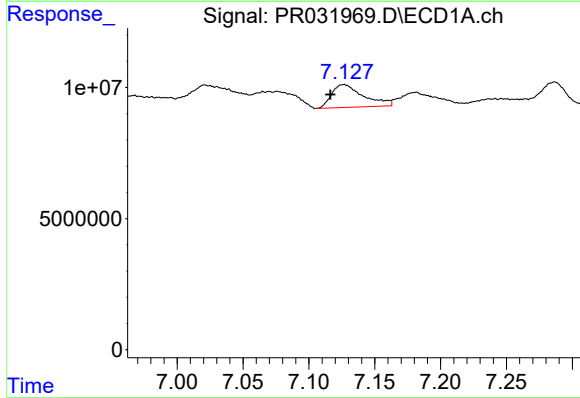
R.T.: 7.021 min
Delta R.T.: -0.010 min
Response: 13066113
Conc: 10.72 ng/ml

Instrument :
ECD_R
ClientSampleId :



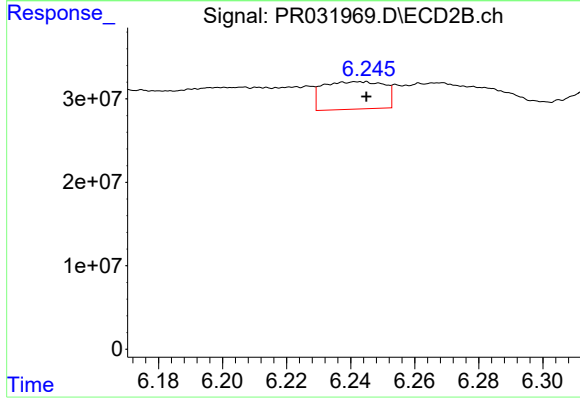
#27 AR-1254-2

R.T.: 5.955 min
Delta R.T.: 0.022 min
Response: 9619935
Conc: 3.26 ng/ml



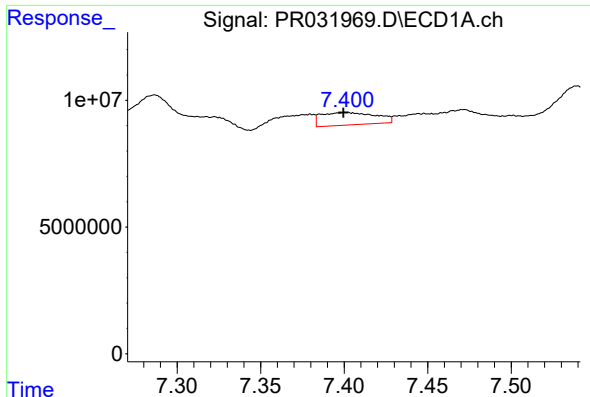
#28 AR-1254-3

R.T.: 7.127 min
Delta R.T.: 0.010 min
Response: 14683722
Conc: 6.70 ng/ml



#28 AR-1254-3

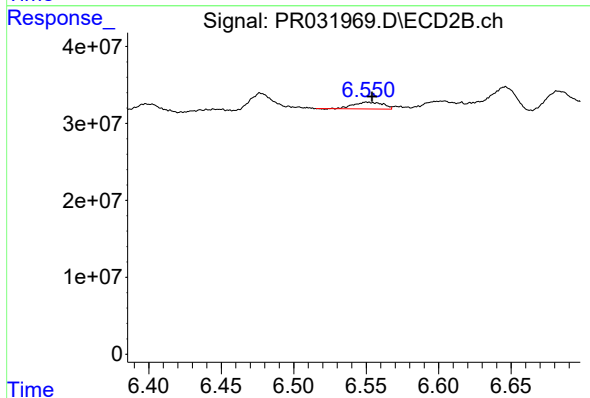
R.T.: 6.242 min
Delta R.T.: -0.003 min
Response: 43781005
Conc: 9.79 ng/ml



#29 AR-1254-4

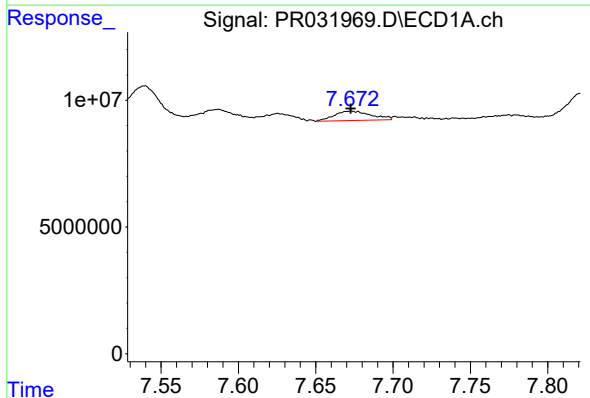
R.T.: 7.402 min
Delta R.T.: 0.002 min
Response: 11175939
Conc: 6.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



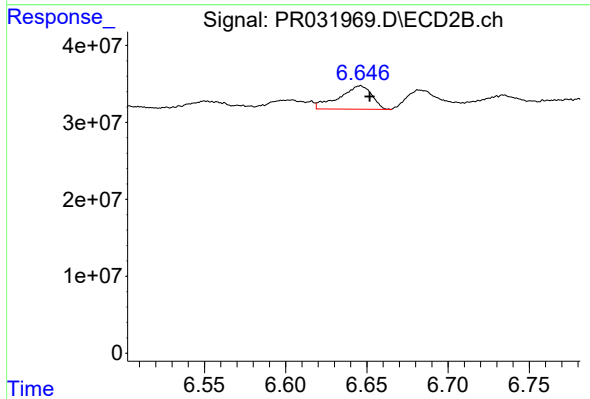
#29 AR-1254-4

R.T.: 6.550 min
Delta R.T.: -0.004 min
Response: 12499854
Conc: 5.88 ng/ml



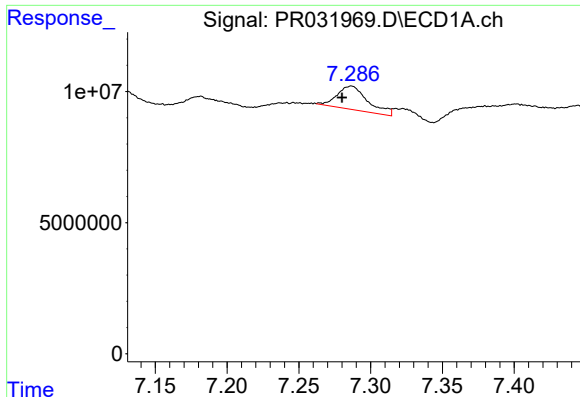
#30 AR-1254-5

R.T.: 7.673 min
Delta R.T.: 0.000 min
Response: 6167319
Conc: 4.75 ng/ml



#30 AR-1254-5

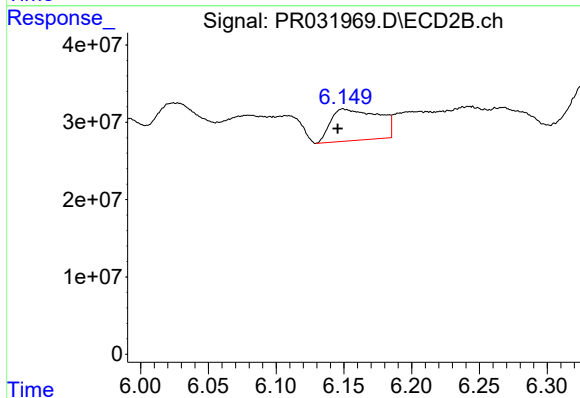
R.T.: 6.646 min
Delta R.T.: -0.006 min
Response: 42494550
Conc: 11.16 ng/ml



#31 AR-1260-1

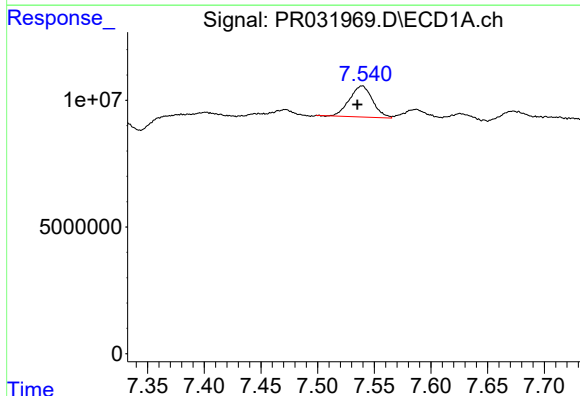
R.T.: 7.287 min
Delta R.T.: 0.006 min
Response: 13307109
Conc: 8.54 ng/ml

Instrument :
ECD_R
ClientSampleId :



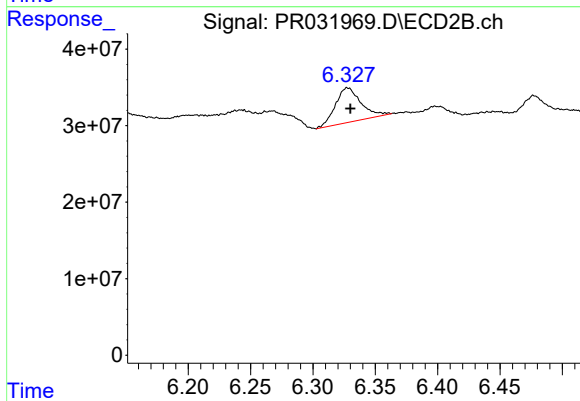
#31 AR-1260-1

R.T.: 6.149 min
Delta R.T.: 0.004 min
Response: 99914901
Conc: 27.08 ng/ml



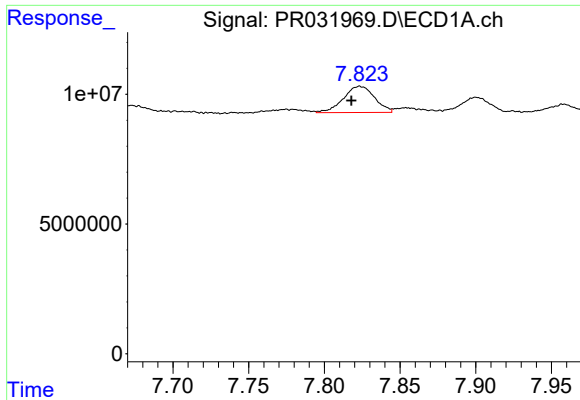
#32 AR-1260-2

R.T.: 7.540 min
Delta R.T.: 0.004 min
Response: 17314522
Conc: 8.70 ng/ml



#32 AR-1260-2

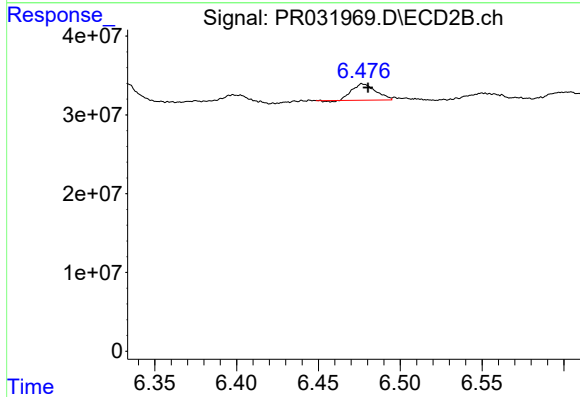
R.T.: 6.327 min
Delta R.T.: -0.003 min
Response: 64486204
Conc: 14.39 ng/ml



#33 AR-1260-3

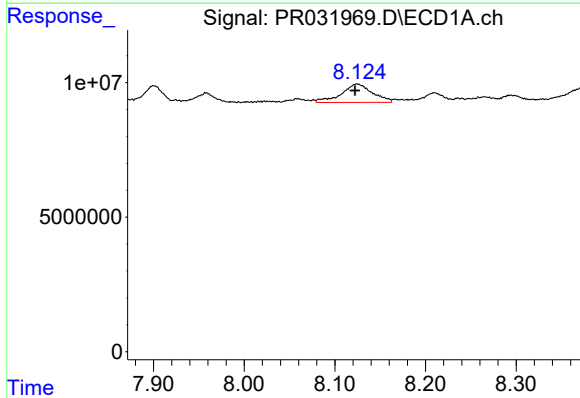
R.T.: 7.823 min
Delta R.T.: 0.005 min
Response: 14525830
Conc: 6.24 ng/ml

Instrument :
ECD_R
ClientSampleId :



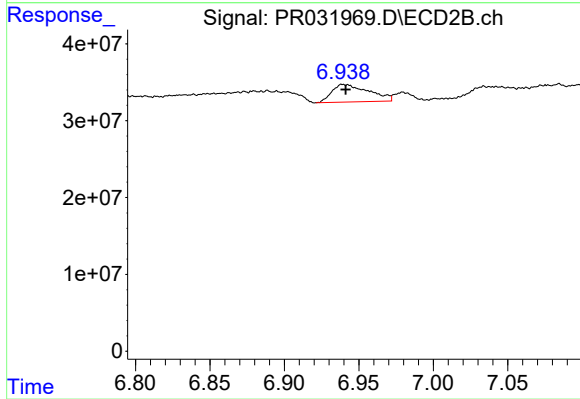
#33 AR-1260-3

R.T.: 6.477 min
Delta R.T.: -0.004 min
Response: 20793974
Conc: 5.90 ng/ml



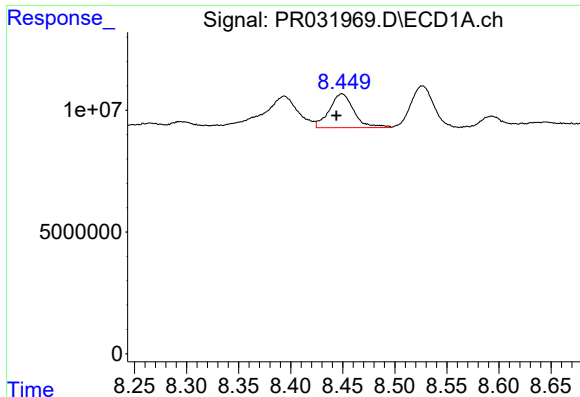
#34 AR-1260-4

R.T.: 8.125 min
Delta R.T.: 0.002 min
Response: 16289116
Conc: 9.77 ng/ml



#34 AR-1260-4

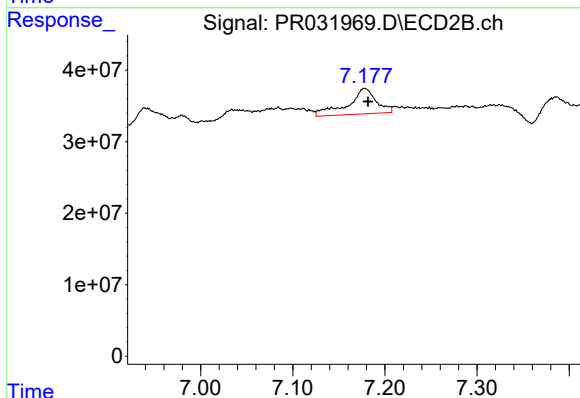
R.T.: 6.940 min
Delta R.T.: -0.002 min
Response: 39501658
Conc: 19.21 ng/ml



#35 AR-1260-5

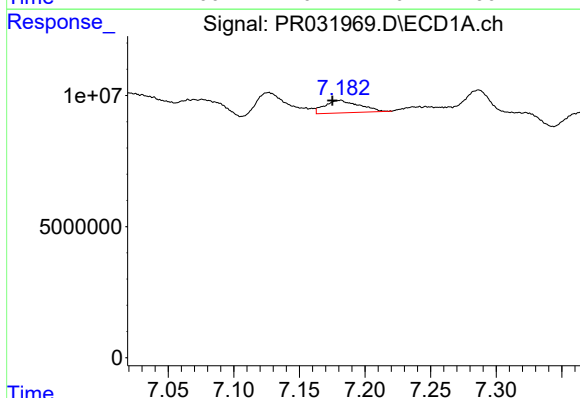
R.T.: 8.449 min
Delta R.T.: 0.005 min
Response: 22820148
Conc: 6.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



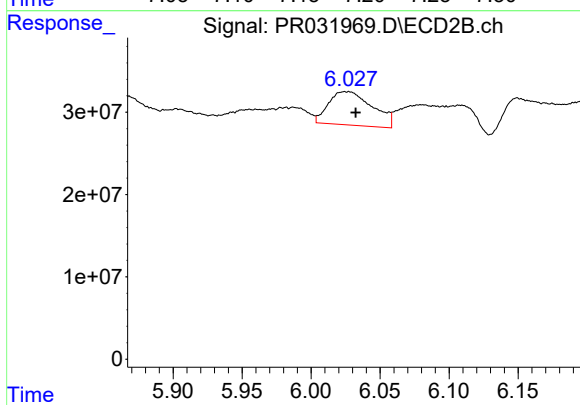
#35 AR-1260-5

R.T.: 7.178 min
Delta R.T.: -0.004 min
Response: 76338267
Conc: 17.49 ng/ml



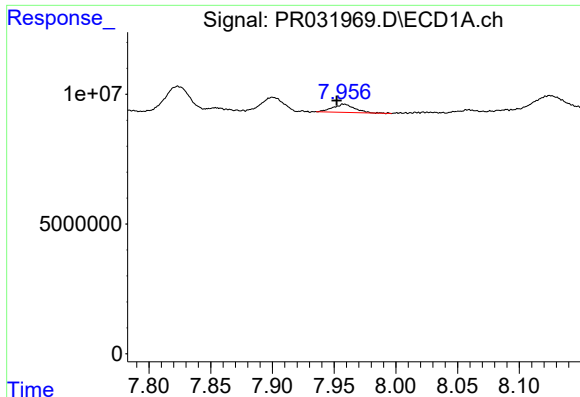
#36 AR-1262-1

R.T.: 7.182 min
Delta R.T.: 0.007 min
Response: 8768019
Conc: 10.36 ng/ml



#36 AR-1262-1

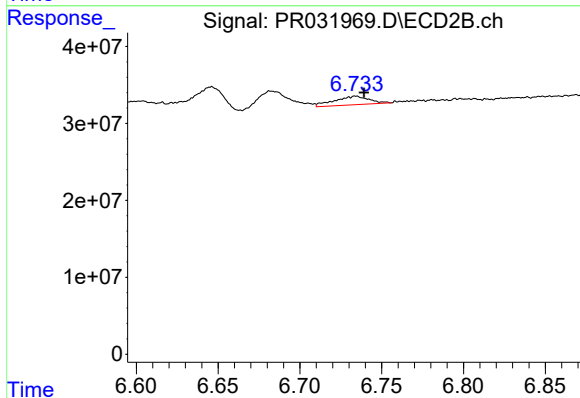
R.T.: 6.024 min
Delta R.T.: -0.008 min
Response: 90062721
Conc: 45.01 ng/ml



#37 AR-1262-2

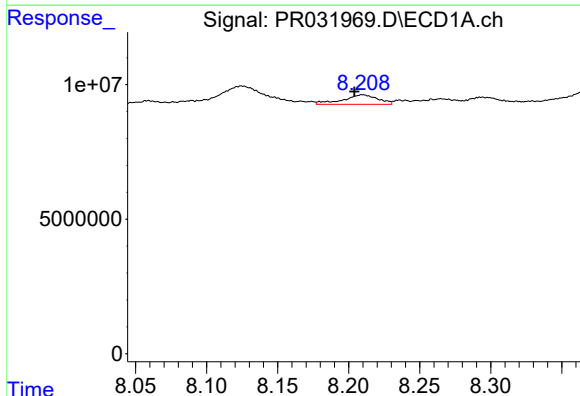
R.T.: 7.957 min
Delta R.T.: 0.005 min
Response: 4005003
Conc: 4.70 ng/ml

Instrument :
ECD_R
ClientSampleId :



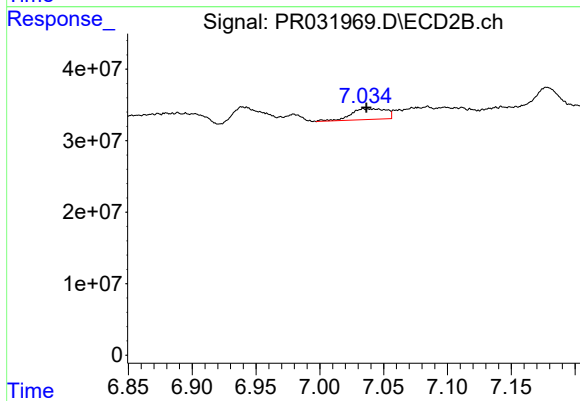
#37 AR-1262-2

R.T.: 6.734 min
Delta R.T.: -0.005 min
Response: 16370419
Conc: 10.88 ng/ml



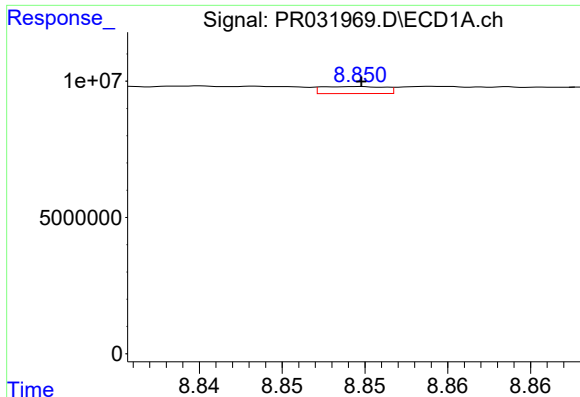
#38 AR-1262-3

R.T.: 8.210 min
Delta R.T.: 0.006 min
Response: 6042190
Conc: 8.02 ng/ml



#38 AR-1262-3

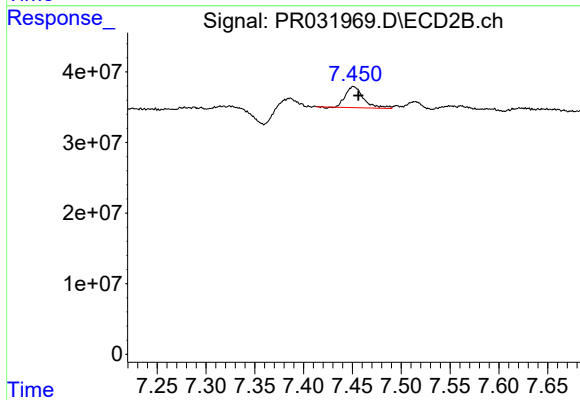
R.T.: 7.034 min
Delta R.T.: -0.002 min
Response: 28914901
Conc: 23.68 ng/ml



#39 AR-1262-4

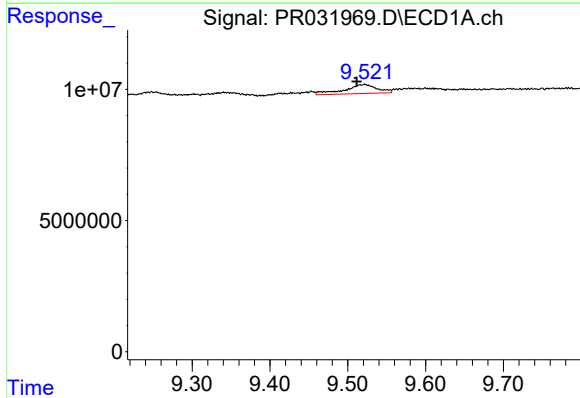
R.T.: 8.850 min
Delta R.T.: 0.000 min
Response: 680065
Conc: 0.32 ng/ml

Instrument :
ECD_R
ClientSampleId :



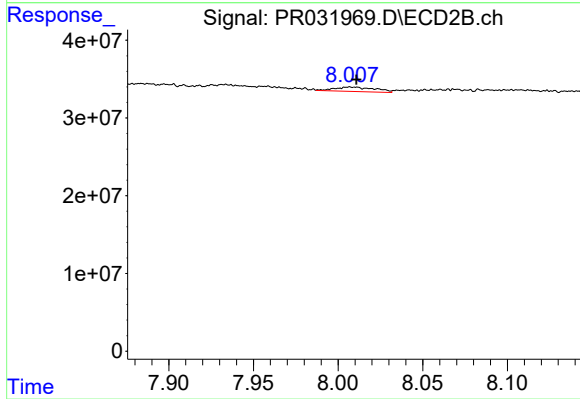
#39 AR-1262-4

R.T.: 7.451 min
Delta R.T.: -0.005 min
Response: 37876142
Conc: 22.62 ng/ml



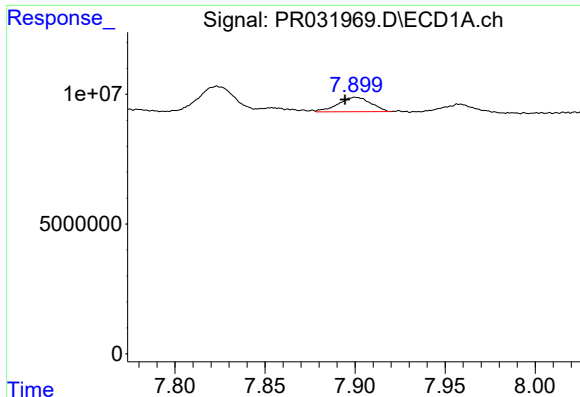
#40 AR-1262-5

R.T.: 9.522 min
Delta R.T.: 0.010 min
Response: 10246689
Conc: 6.71 ng/ml



#40 AR-1262-5

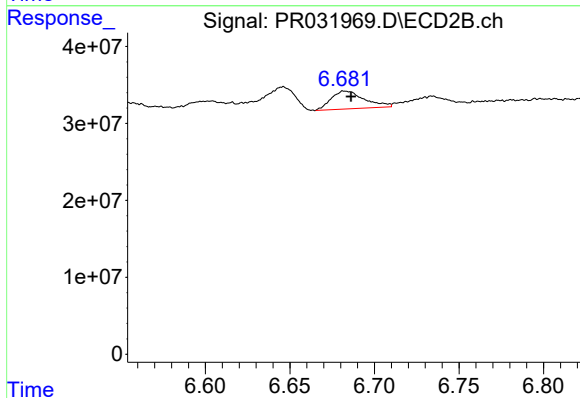
R.T.: 8.007 min
Delta R.T.: -0.004 min
Response: 9638884
Conc: 7.62 ng/ml



#41 AR-1268-1

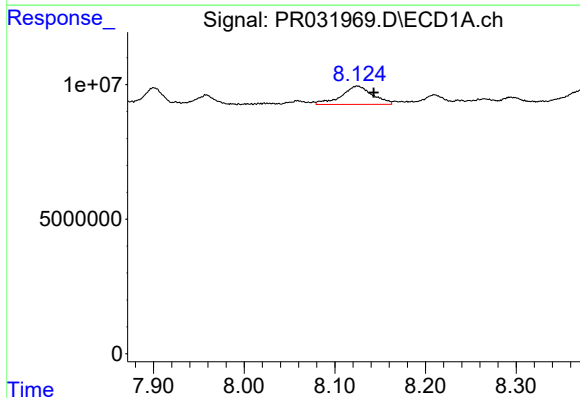
R.T.: 7.900 min
Delta R.T.: 0.006 min
Response: 7060056
Conc: 7.74 ng/ml

Instrument :
ECD_R
ClientSampleId :



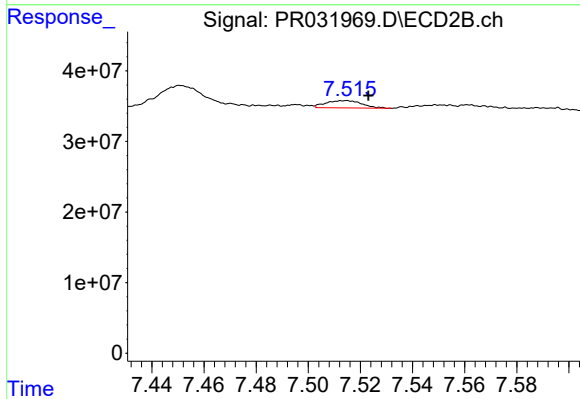
#41 AR-1268-1

R.T.: 6.682 min
Delta R.T.: -0.004 min
Response: 3185537
Conc: 19.52 ng/ml



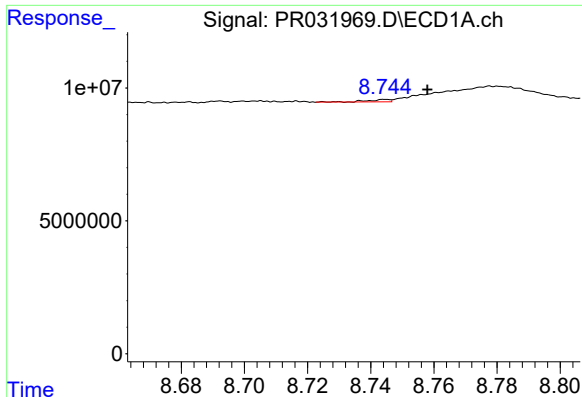
#42 AR-1268-2

R.T.: 8.125 min
Delta R.T.: -0.018 min
Response: 16289116
Conc: 12.96 ng/ml



#42 AR-1268-2

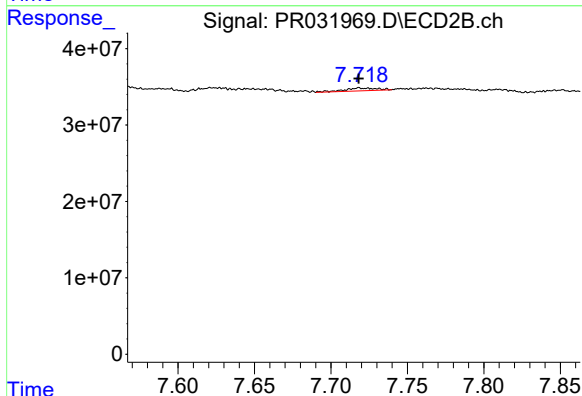
R.T.: 7.514 min
Delta R.T.: -0.009 min
Response: 10042961
Conc: 2.50 ng/ml



#43 AR-1268-3

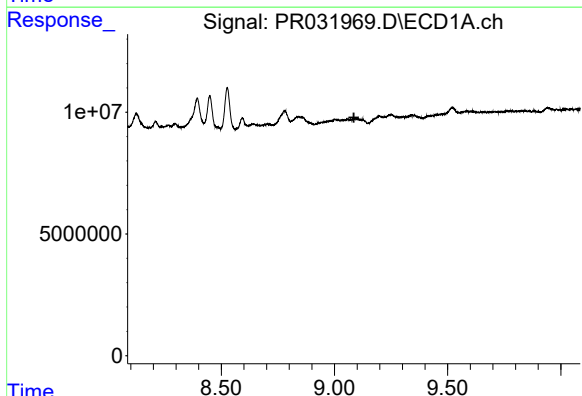
R.T.: 8.745 min
Delta R.T.: -0.013 min
Response: 436010
Conc: 0.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



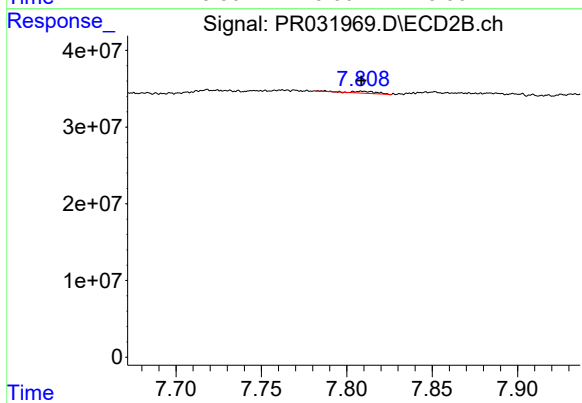
#43 AR-1268-3

R.T.: 7.718 min
Delta R.T.: 0.000 min
Response: 5147997
Conc: 1.49 ng/ml



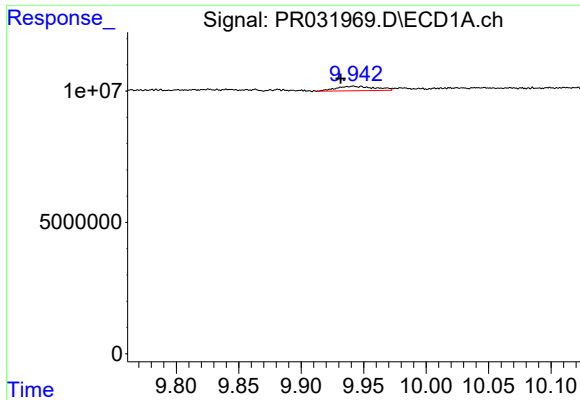
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.086 min
Response: 0
Conc: N.D.



#44 AR-1268-4

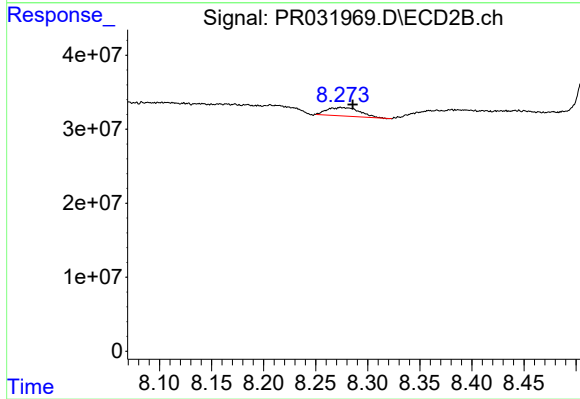
R.T.: 7.809 min
Delta R.T.: 0.000 min
Response: 2723202
Conc: 2.75 ng/ml



#45 AR-1268-5

R.T.: 9.942 min
Delta R.T.: 0.010 min
Response: 3688118
Conc: 0.30 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.274 min
Delta R.T.: -0.011 min
Response: 24926660
Conc: 2.61 ng/ml