

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR091118\
 Data File : PR031972.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Sep 2018 12:22
 Operator : SM\SJ
 Sample : J4777-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 12 00:56:54 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	3.656	526.2E6	937.0E6	26.840	25.415
2)	SA Decachlor...	10.274	8.518	467.1E6	251.1E6	14.521	9.593 #
Target Compounds							
3)	L1 AR-1016-1	5.223	4.305	3652486	5672278	6.791	5.182
4)	L1 AR-1016-2	5.416	4.702	9957869	11430119	17.605	6.703 #
5)	L1 AR-1016-3	5.681	4.722	1709491	15946857	1.937	5.500 #
6)	L1 AR-1016-4	5.772	4.775	4315274	7303061	5.509	3.931 #
7)	L1 AR-1016-5	6.102	5.141	2328528	-1150825	3.476	N.D. #
8)	L2 AR-1221-1	4.702	3.882	1899393	-272	8.147	N.D. #
9)	L2 AR-1221-2	4.832	3.949	5259628	10711817	29.607	34.323
10)	L2 AR-1221-3	4.909	4.015	13616181	16072137	24.539	15.571 #
11)	L3 AR-1232-1	5.707	4.498	4043465	9010477	7.706	16.150 #
12)	L3 AR-1232-2	5.847	4.601	22796791	11588066	84.560	61.383 #
13)	L3 AR-1232-3	6.039	4.971	5452725	10237929	69.429	17.629 #
14)	L3 AR-1232-4	6.369	5.284	12825189	6617843	156.161	9.068 #
15)	L3 AR-1232-5	7.233	5.870	5771457	103.2E6	106.093	931.104 #
16)	L4 AR-1242-1	5.223	4.305	3652486	5672278	13.725	9.678 #
17)	L4 AR-1242-2	5.987	4.895	10039103	13392394	20.457	11.018 #
18)	L4 AR-1242-3	6.260	5.000	3996047	14341994	16.185	33.194 #
19)	L4 AR-1242-4	6.260	5.367	3996047	6316930	22.285	15.302 #
20)	L4 AR-1242-5	6.300	5.742	7222896	127.1E6	11.459	135.735 #
21)	L5 AR-1248-1	5.957	4.932	6326115	28839425	7.873	16.435 #
22)	L5 AR-1248-2	6.546	5.486	29602105	68390248	34.964	18.666 #
23)	L5 AR-1248-3	6.546	5.523	29602105	7208952	25.938	2.756 #
24)	L5 AR-1248-4	6.597	5.684	6836974	302.8E6	6.345	113.389 #
25)	L5 AR-1248-5	6.819	6.020	98781227	61153075	136.386	36.264 #
26)	L6 AR-1254-1	6.758	5.626	35238293	37881918	18.143	9.964 #
27)	L6 AR-1254-2	7.017	5.931	43085076	13658399	35.341	4.625 #
28)	L6 AR-1254-3	7.121	6.242	36323222	16625933	16.578	3.716 #
29)	L6 AR-1254-4	7.403	6.551	19023479	5759868	10.918	2.711 #
30)	L6 AR-1254-5	7.667	6.650	14108502	53041217	10.859	13.932 #
31)	L7 AR-1260-1	7.281	6.143	23588010	46432567	15.133	12.586
32)	L7 AR-1260-2	7.533	6.329	51134660	50738743	25.679	11.323 #
33)	L7 AR-1260-3	7.819	6.476	37213646	35877060	15.982	10.187 #
34)	L7 AR-1260-4	8.123	6.938	39741597	27781535	23.832	13.513 #
35)	L7 AR-1260-5	8.445	7.178	44204130	62540828	11.784	14.326
36)	L8 AR-1262-1	7.176	6.020	9028869	61153075	10.667	30.565 #
37)	L8 AR-1262-2	7.953	6.738	14109995	22672394	16.569	15.074
38)	L8 AR-1262-3	8.204	7.032	10508297	21150787	13.954	17.325
39)	L8 AR-1262-4	8.852	7.453	25169060	17496841	11.841	10.447
40)	L8 AR-1262-5	9.512	8.009	12060428	13903839	7.895	10.985 #
41)	L9 AR-1268-1	7.896	6.683	18759491	33793730	20.564	20.705

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ALS Vial : 4 Sample Multiplier: 1

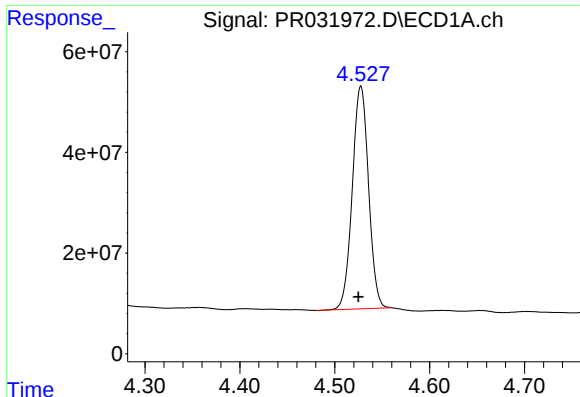
Instrument :
ECD_R
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 12 00:56:54 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
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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	8.123	7.519	39741597	30409045	31.615	7.570 #
43)	L9 AR-1268-3	8.766	7.711	29783398	13578933	5.366	3.941 #
44)	L9 AR-1268-4	9.087	7.810	6919602	1649355	1.567	1.664
45)	L9 AR-1268-5	9.933	8.284	17459738	7041536	1.434	0.738 #

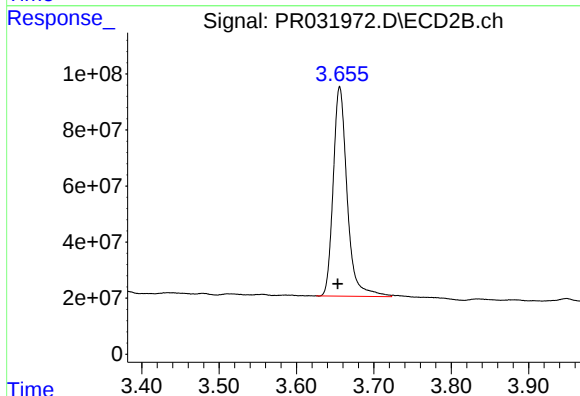
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

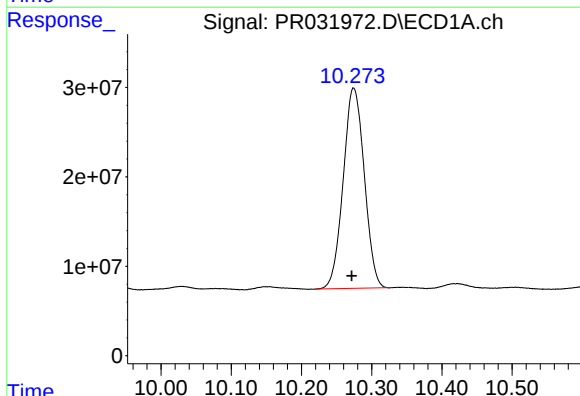
R.T.: 4.528 min
Delta R.T.: 0.003 min
Response: 526186732
Conc: 26.84 ng/ml

Instrument :
ECD_R
ClientSampleId :



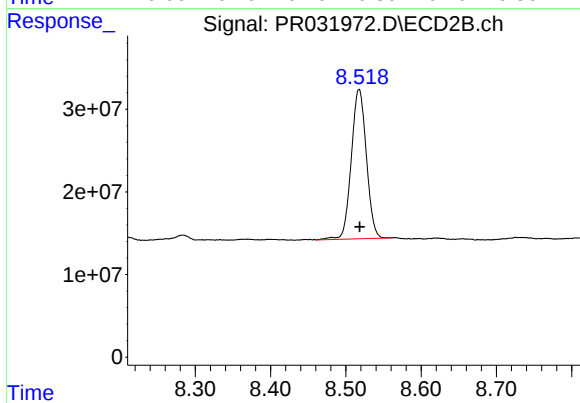
#1 Tetrachloro-m-xylene

R.T.: 3.656 min
Delta R.T.: 0.003 min
Response: 937016938
Conc: 25.41 ng/ml



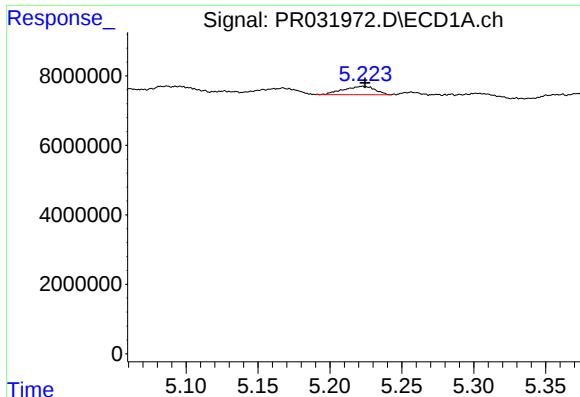
#2 Decachlorobiphenyl

R.T.: 10.274 min
Delta R.T.: 0.003 min
Response: 467073499
Conc: 14.52 ng/ml



#2 Decachlorobiphenyl

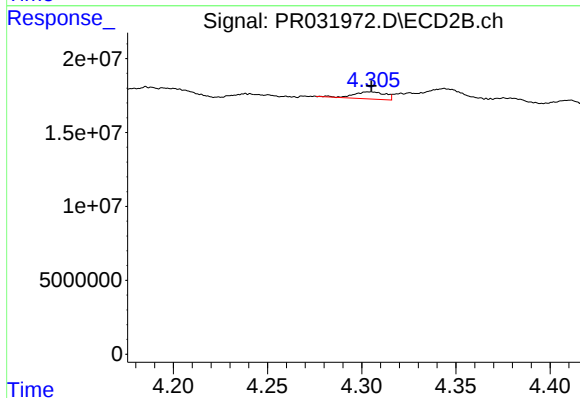
R.T.: 8.518 min
Delta R.T.: 0.000 min
Response: 251135577
Conc: 9.59 ng/ml



#3 AR-1016-1

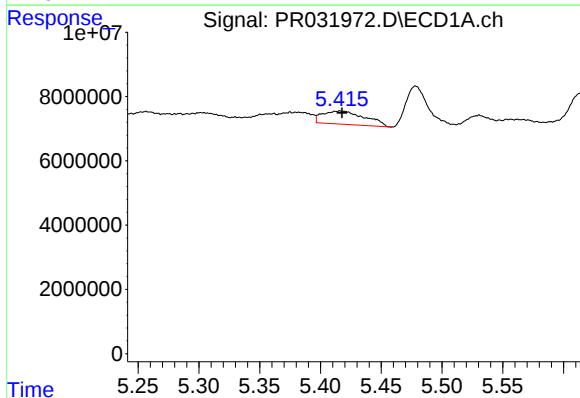
R.T.: 5.223 min
Delta R.T.: -0.002 min
Response: 3652486
Conc: 6.79 ng/ml

Instrument :
ECD_R
ClientSampleId :



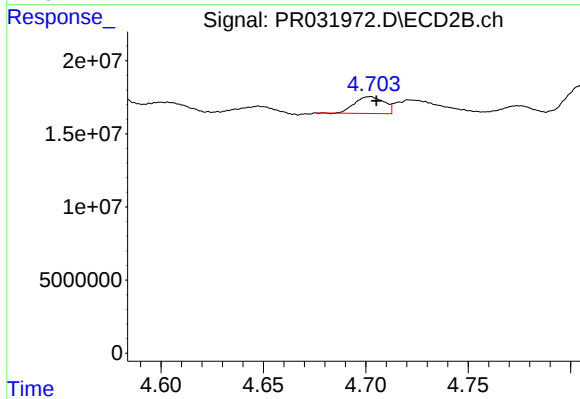
#3 AR-1016-1

R.T.: 4.305 min
Delta R.T.: 0.000 min
Response: 5672278
Conc: 5.18 ng/ml



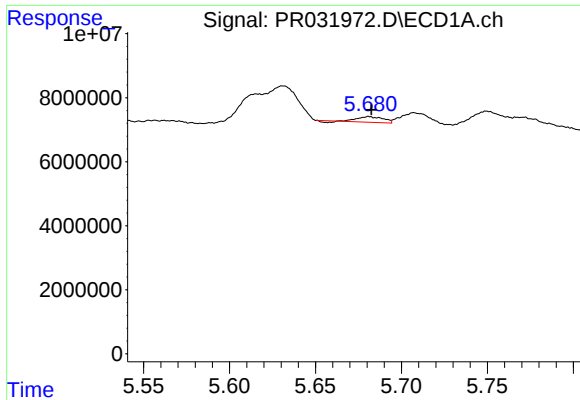
#4 AR-1016-2

R.T.: 5.416 min
Delta R.T.: -0.002 min
Response: 9957869
Conc: 17.61 ng/ml



#4 AR-1016-2

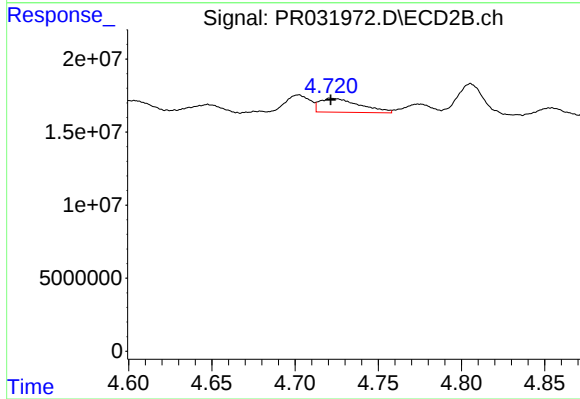
R.T.: 4.702 min
Delta R.T.: -0.003 min
Response: 11430119
Conc: 6.70 ng/ml



#5 AR-1016-3

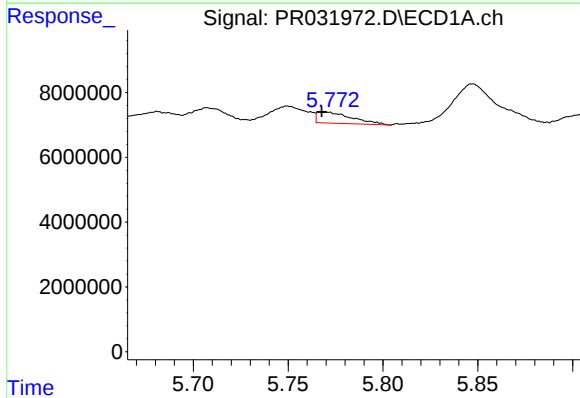
R.T.: 5.681 min
Delta R.T.: -0.001 min
Response: 1709491
Conc: 1.94 ng/ml

Instrument :
ECD_R
ClientSampleId :



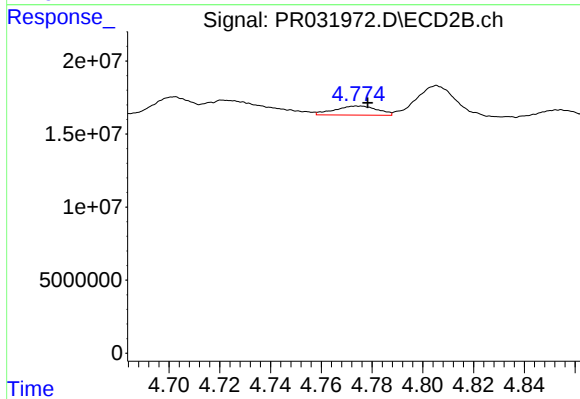
#5 AR-1016-3

R.T.: 4.722 min
Delta R.T.: 0.000 min
Response: 15946857
Conc: 5.50 ng/ml



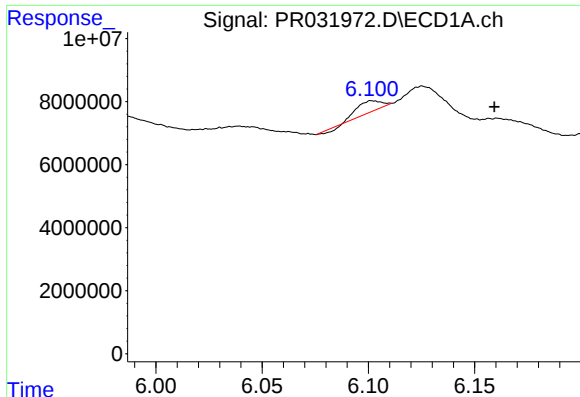
#6 AR-1016-4

R.T.: 5.772 min
Delta R.T.: 0.004 min
Response: 4315274
Conc: 5.51 ng/ml



#6 AR-1016-4

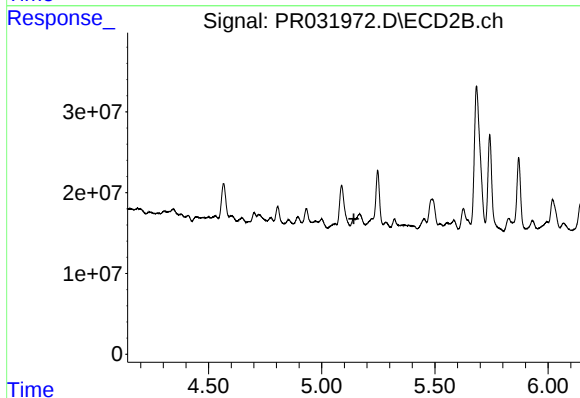
R.T.: 4.775 min
Delta R.T.: -0.004 min
Response: 7303061
Conc: 3.93 ng/ml



#7 AR-1016-5

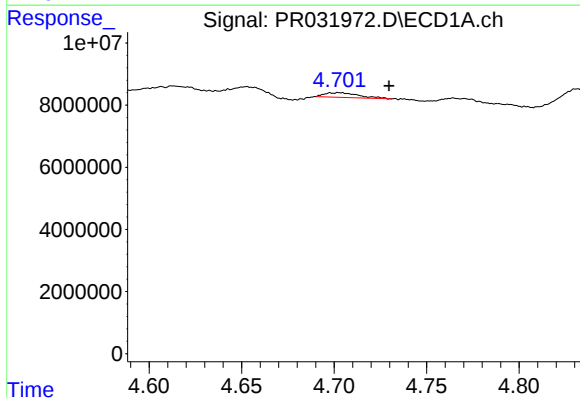
R.T.: 6.102 min
Delta R.T.: -0.058 min
Response: 2328528
Conc: 3.48 ng/ml

Instrument :
ECD_R
ClientSampleId :



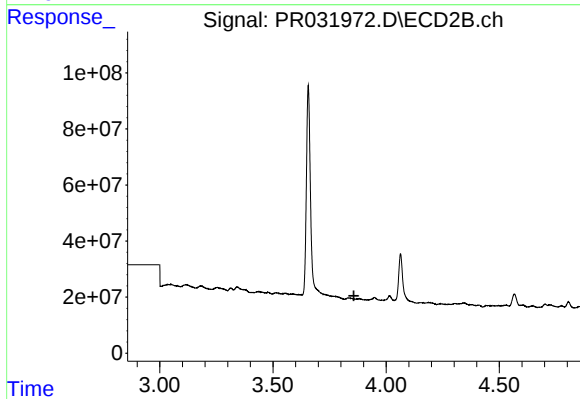
#7 AR-1016-5

R.T.: 5.141 min
Delta R.T.: 0.000 min
Response: -1150825
Conc: N.D.



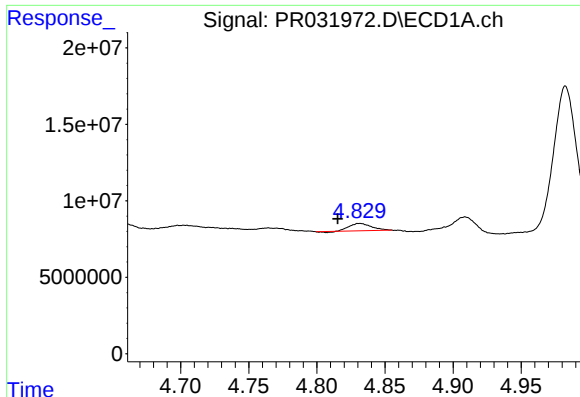
#8 AR-1221-1

R.T.: 4.702 min
Delta R.T.: -0.027 min
Response: 1899393
Conc: 8.15 ng/ml



#8 AR-1221-1

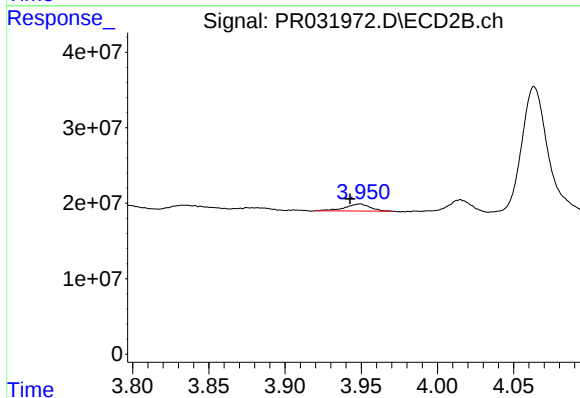
R.T.: 3.882 min
Delta R.T.: 0.024 min
Response: -272
Conc: N.D.



#9 AR-1221-2

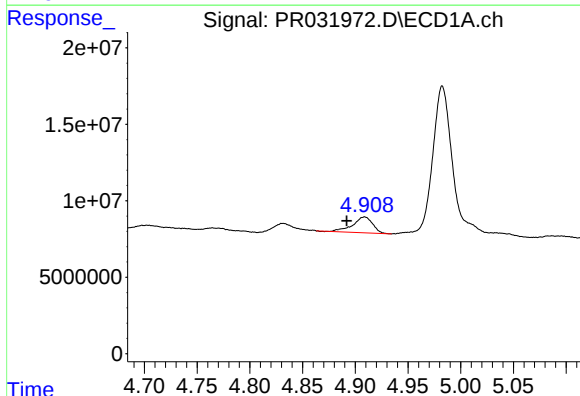
R.T.: 4.832 min
Delta R.T.: 0.016 min
Response: 5259628
Conc: 29.61 ng/ml

Instrument :
ECD_R
ClientSampleId :



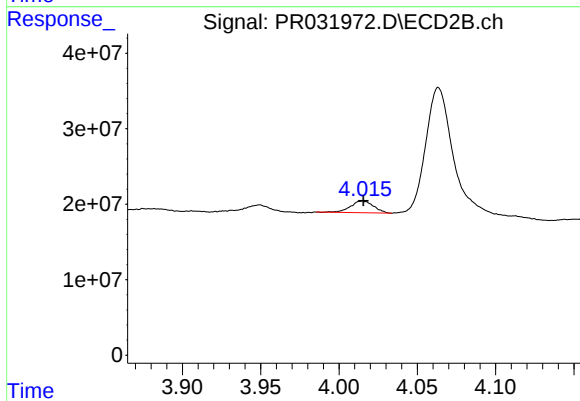
#9 AR-1221-2

R.T.: 3.949 min
Delta R.T.: 0.007 min
Response: 10711817
Conc: 34.32 ng/ml



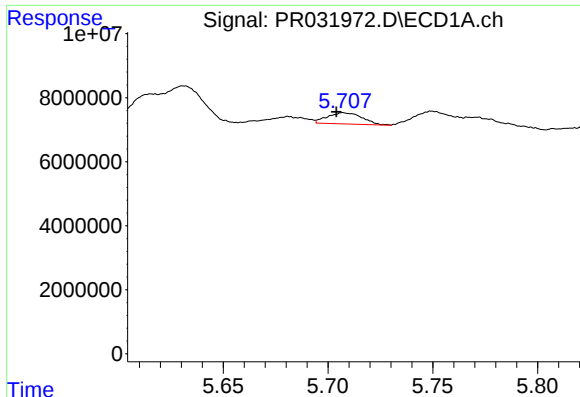
#10 AR-1221-3

R.T.: 4.909 min
Delta R.T.: 0.017 min
Response: 13616181
Conc: 24.54 ng/ml



#10 AR-1221-3

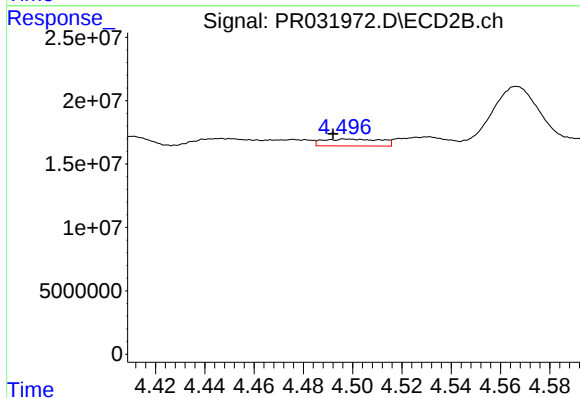
R.T.: 4.015 min
Delta R.T.: 0.000 min
Response: 16072137
Conc: 15.57 ng/ml



#11 AR-1232-1

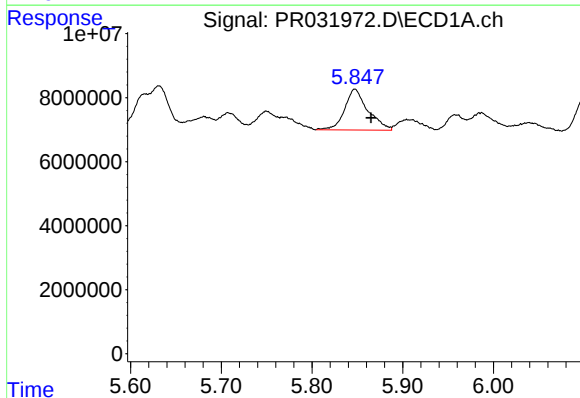
R.T.: 5.707 min
Delta R.T.: 0.003 min
Response: 4043465
Conc: 7.71 ng/ml

Instrument :
ECD_R
ClientSampleId :



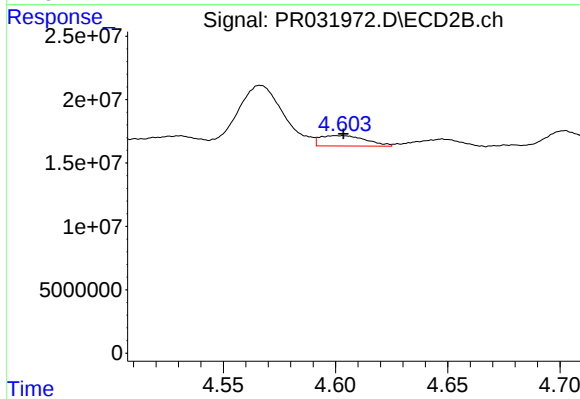
#11 AR-1232-1

R.T.: 4.498 min
Delta R.T.: 0.006 min
Response: 9010477
Conc: 16.15 ng/ml



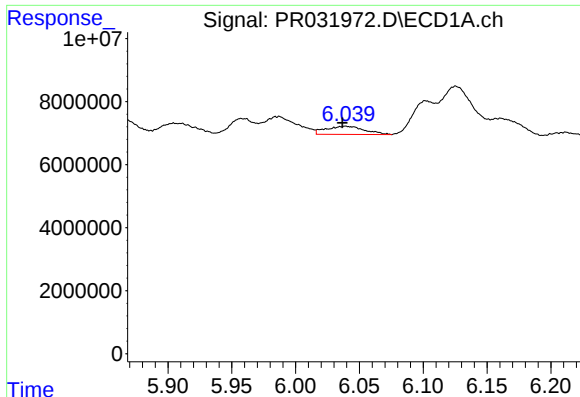
#12 AR-1232-2

R.T.: 5.847 min
Delta R.T.: -0.018 min
Response: 22796791
Conc: 84.56 ng/ml



#12 AR-1232-2

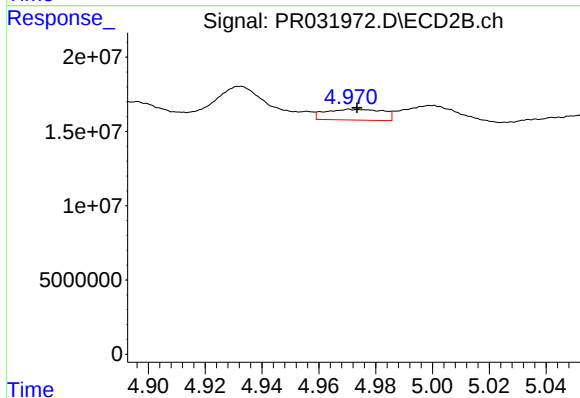
R.T.: 4.601 min
Delta R.T.: -0.003 min
Response: 11588066
Conc: 61.38 ng/ml



#13 AR-1232-3

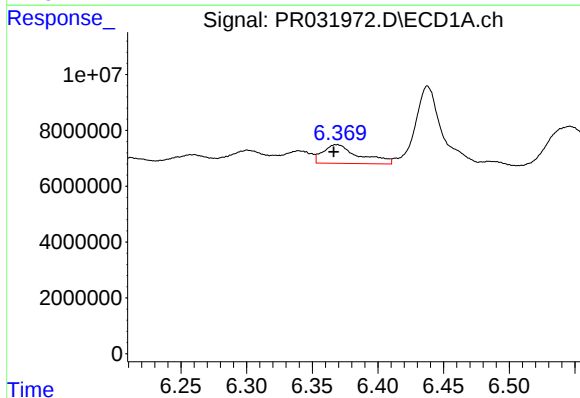
R.T.: 6.039 min
Delta R.T.: 0.002 min
Response: 5452725
Conc: 69.43 ng/ml

Instrument :
ECD_R
ClientSampleId :



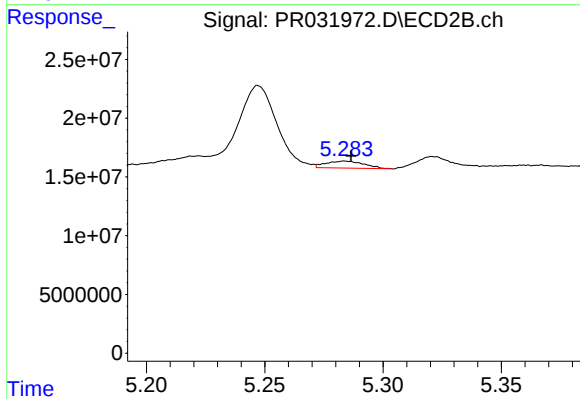
#13 AR-1232-3

R.T.: 4.971 min
Delta R.T.: -0.002 min
Response: 10237929
Conc: 17.63 ng/ml



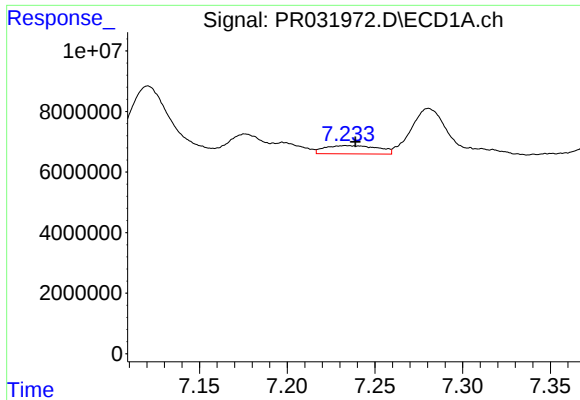
#14 AR-1232-4

R.T.: 6.369 min
Delta R.T.: 0.003 min
Response: 12825189
Conc: 156.16 ng/ml



#14 AR-1232-4

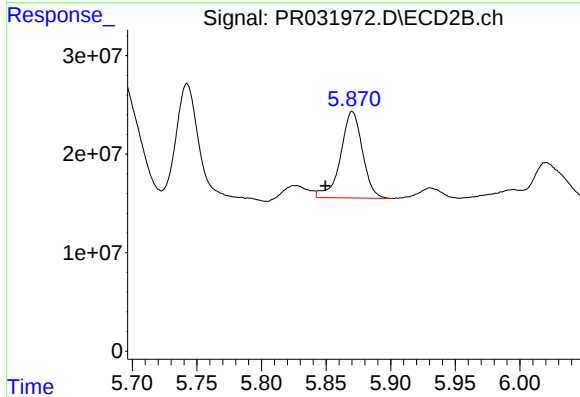
R.T.: 5.284 min
Delta R.T.: -0.002 min
Response: 6617843
Conc: 9.07 ng/ml



#15 AR-1232-5

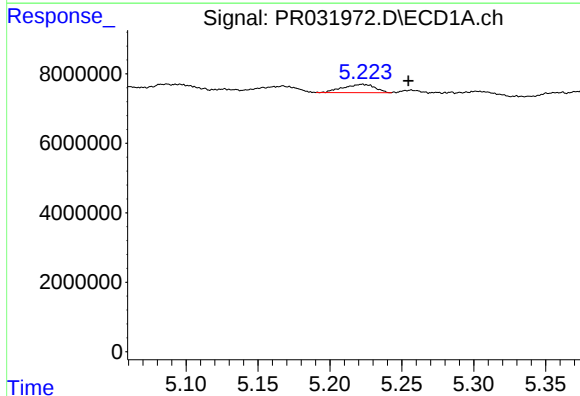
R.T.: 7.233 min
Delta R.T.: -0.006 min
Response: 5771457
Conc: 106.09 ng/ml

Instrument :
ECD_R
ClientSampleId :



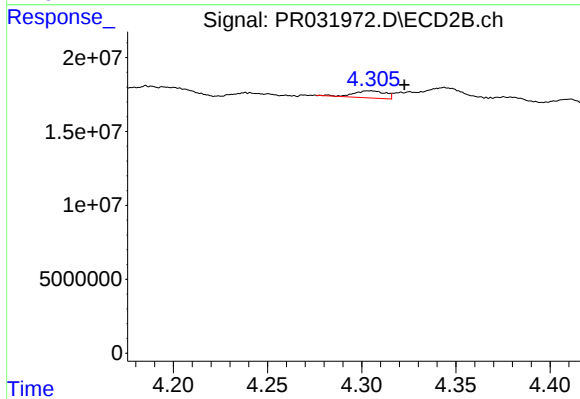
#15 AR-1232-5

R.T.: 5.870 min
Delta R.T.: 0.021 min
Response: 103218726
Conc: 931.10 ng/ml



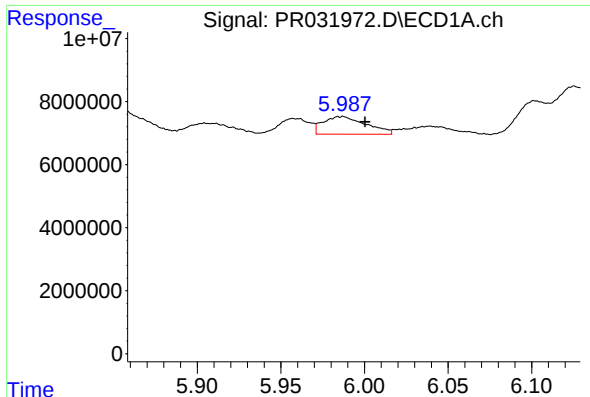
#16 AR-1242-1

R.T.: 5.223 min
Delta R.T.: -0.032 min
Response: 3652486
Conc: 13.72 ng/ml



#16 AR-1242-1

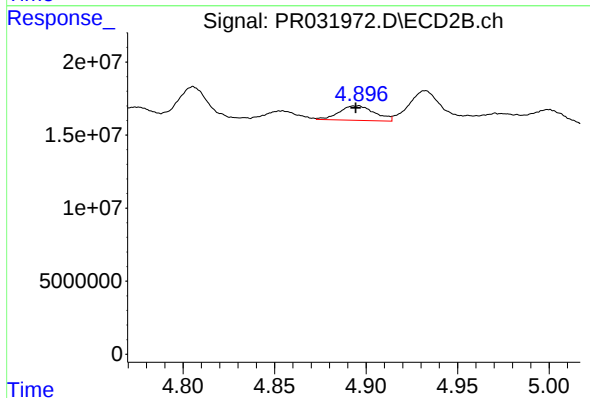
R.T.: 4.305 min
Delta R.T.: -0.018 min
Response: 5672278
Conc: 9.68 ng/ml



#17 AR-1242-2

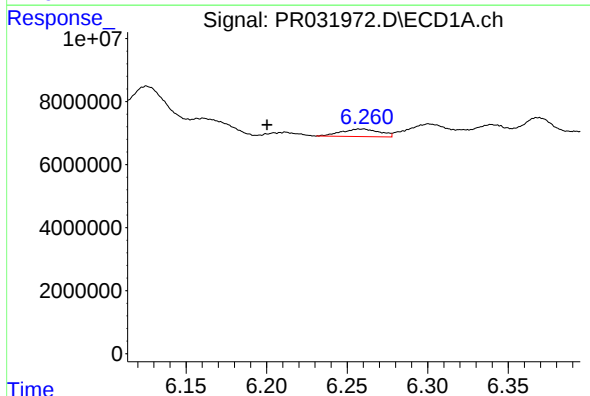
R.T.: 5.987 min
Delta R.T.: -0.013 min
Response: 10039103
Conc: 20.46 ng/ml

Instrument :
ECD_R
ClientSampleId :



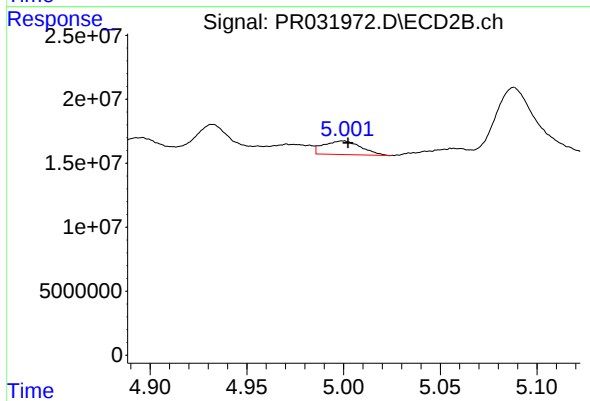
#17 AR-1242-2

R.T.: 4.895 min
Delta R.T.: 0.000 min
Response: 13392394
Conc: 11.02 ng/ml



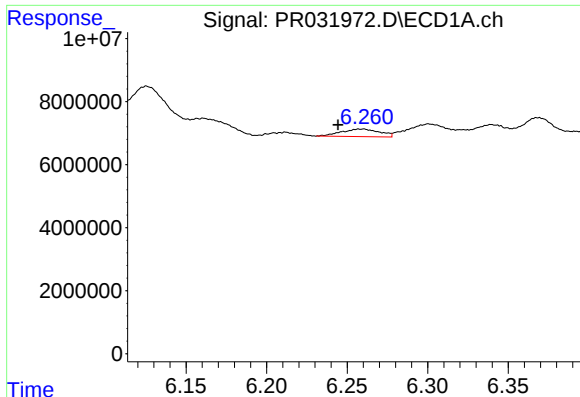
#18 AR-1242-3

R.T.: 6.260 min
Delta R.T.: 0.060 min
Response: 3996047
Conc: 16.19 ng/ml



#18 AR-1242-3

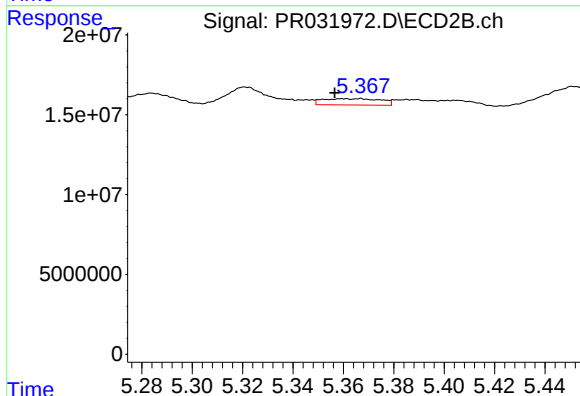
R.T.: 5.000 min
Delta R.T.: -0.003 min
Response: 14341994
Conc: 33.19 ng/ml



#19 AR-1242-4

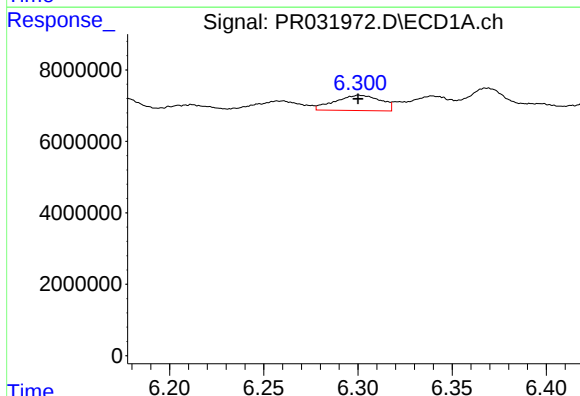
R.T.: 6.260 min
Delta R.T.: 0.016 min
Response: 3996047
Conc: 22.29 ng/ml

Instrument :
ECD_R
ClientSampleId :



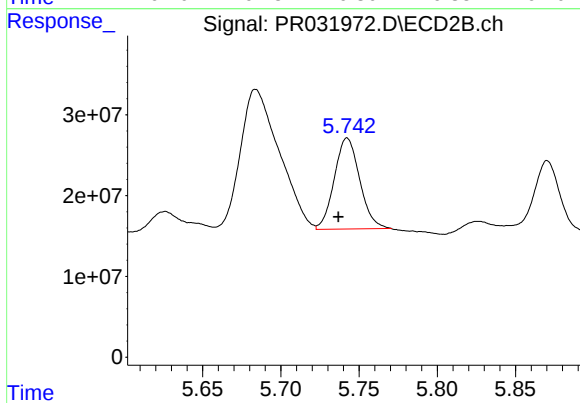
#19 AR-1242-4

R.T.: 5.367 min
Delta R.T.: 0.010 min
Response: 6316930
Conc: 15.30 ng/ml



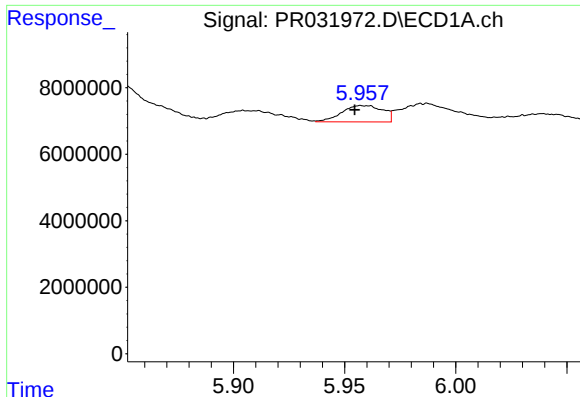
#20 AR-1242-5

R.T.: 6.300 min
Delta R.T.: 0.000 min
Response: 7222896
Conc: 11.46 ng/ml



#20 AR-1242-5

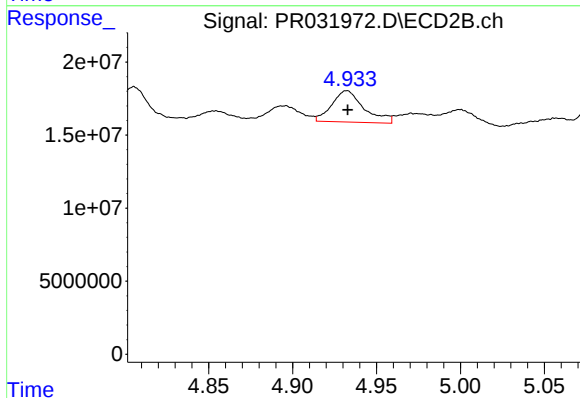
R.T.: 5.742 min
Delta R.T.: 0.006 min
Response: 127086087
Conc: 135.73 ng/ml



#21 AR-1248-1

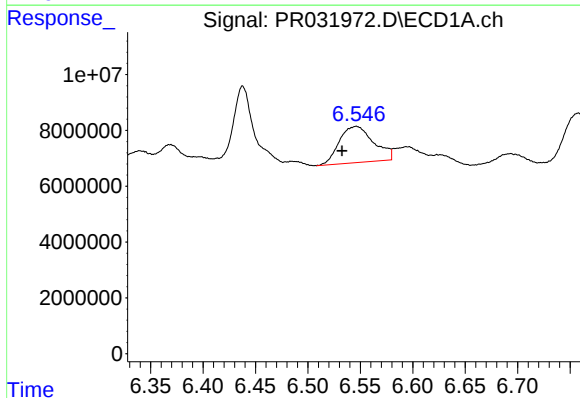
R.T.: 5.957 min
Delta R.T.: 0.003 min
Response: 6326115
Conc: 7.87 ng/ml

Instrument :
ECD_R
ClientSampleId :



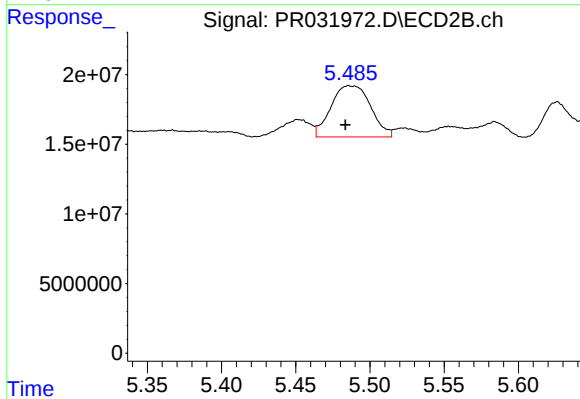
#21 AR-1248-1

R.T.: 4.932 min
Delta R.T.: 0.000 min
Response: 28839425
Conc: 16.44 ng/ml



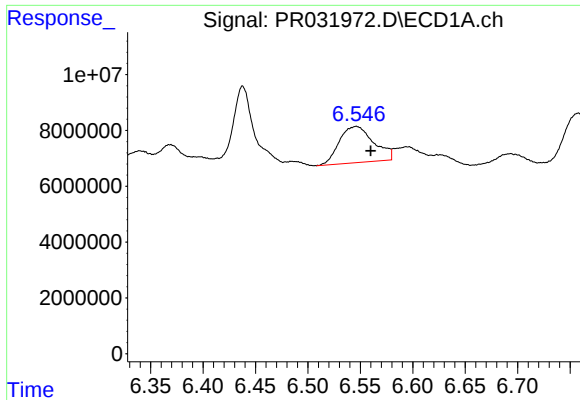
#22 AR-1248-2

R.T.: 6.546 min
Delta R.T.: 0.014 min
Response: 29602105
Conc: 34.96 ng/ml



#22 AR-1248-2

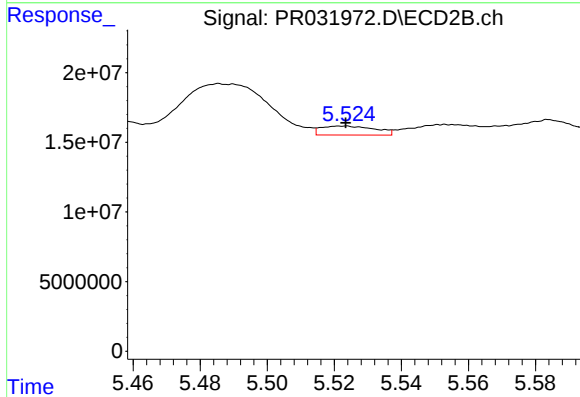
R.T.: 5.486 min
Delta R.T.: 0.003 min
Response: 68390248
Conc: 18.67 ng/ml



#23 AR-1248-3

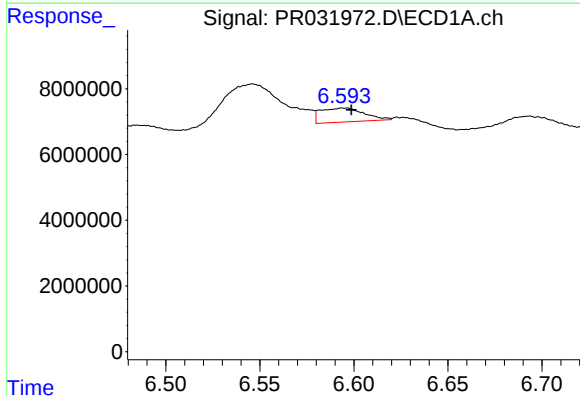
R.T.: 6.546 min
Delta R.T.: -0.014 min
Response: 29602105
Conc: 25.94 ng/ml

Instrument :
ECD_R
ClientSampleId :



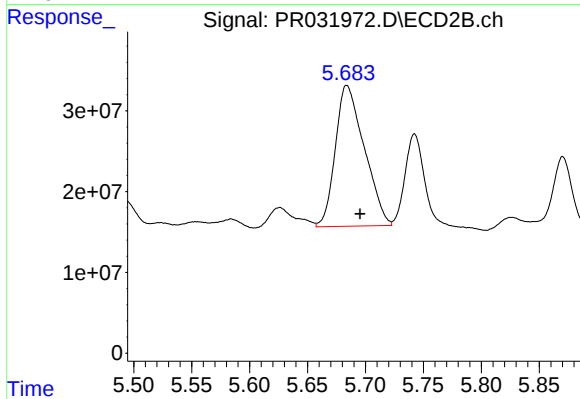
#23 AR-1248-3

R.T.: 5.523 min
Delta R.T.: 0.000 min
Response: 7208952
Conc: 2.76 ng/ml



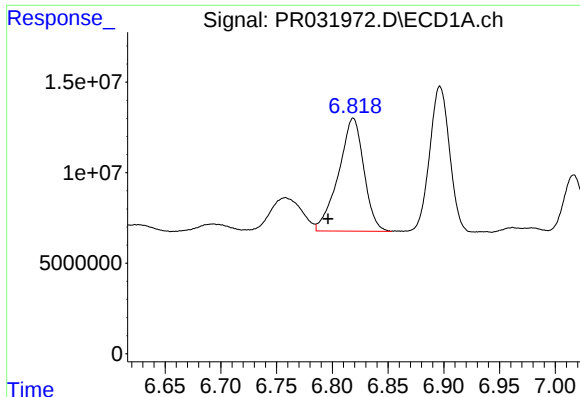
#24 AR-1248-4

R.T.: 6.597 min
Delta R.T.: -0.002 min
Response: 6836974
Conc: 6.35 ng/ml



#24 AR-1248-4

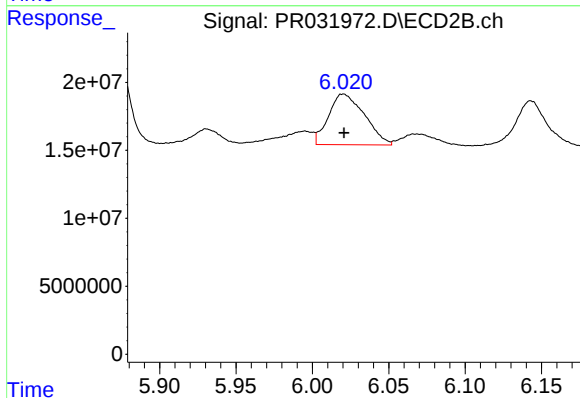
R.T.: 5.684 min
Delta R.T.: -0.011 min
Response: 302804436
Conc: 113.39 ng/ml



#25 AR-1248-5

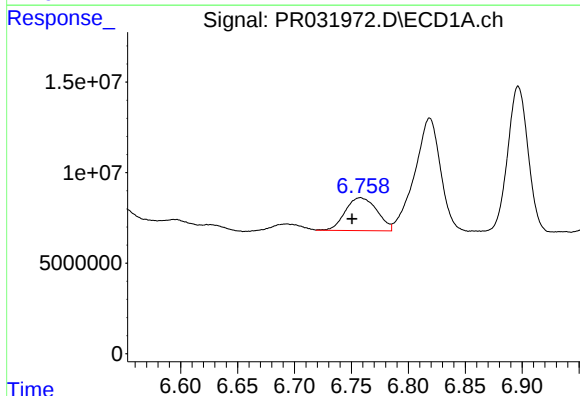
R.T.: 6.819 min
Delta R.T.: 0.023 min
Response: 98781227
Conc: 136.39 ng/ml

Instrument :
ECD_R
ClientSampleId :



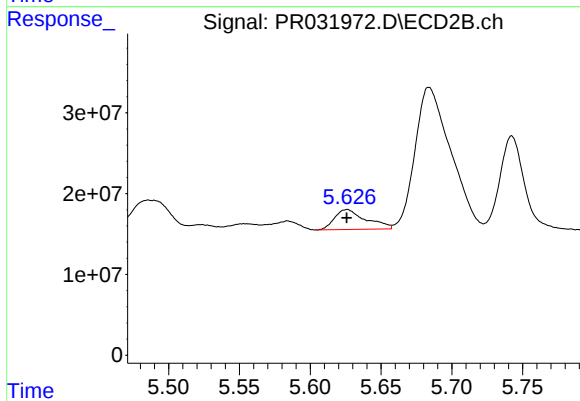
#25 AR-1248-5

R.T.: 6.020 min
Delta R.T.: 0.000 min
Response: 61153075
Conc: 36.26 ng/ml



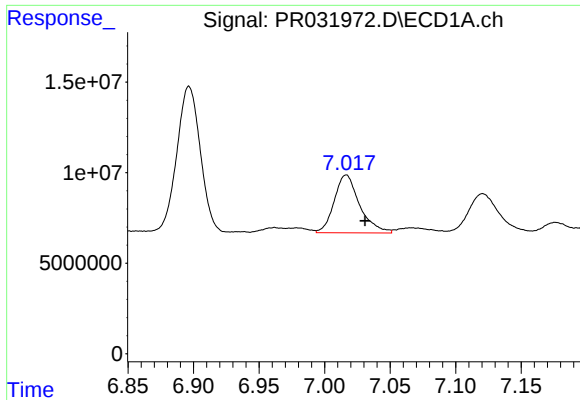
#26 AR-1254-1

R.T.: 6.758 min
Delta R.T.: 0.007 min
Response: 35238293
Conc: 18.14 ng/ml



#26 AR-1254-1

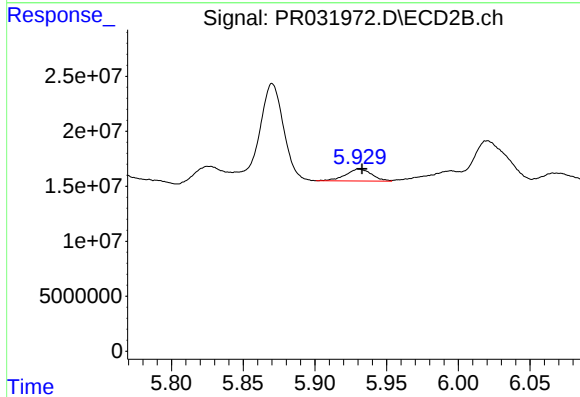
R.T.: 5.626 min
Delta R.T.: 0.000 min
Response: 37881918
Conc: 9.96 ng/ml



#27 AR-1254-2

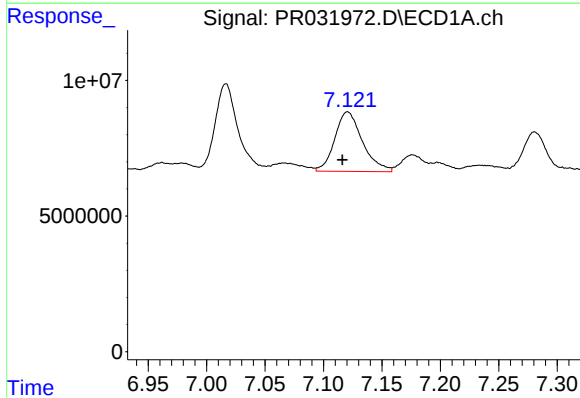
R.T.: 7.017 min
Delta R.T.: -0.014 min
Response: 43085076
Conc: 35.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



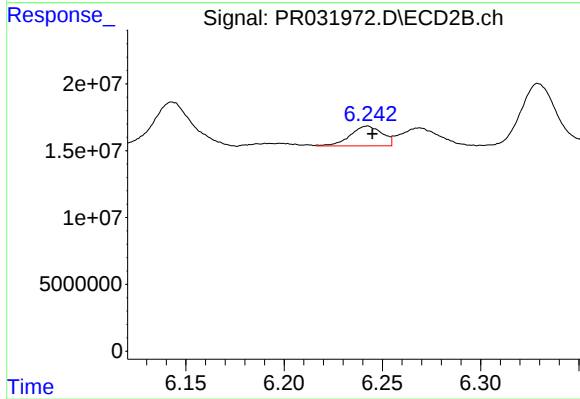
#27 AR-1254-2

R.T.: 5.931 min
Delta R.T.: -0.002 min
Response: 13658399
Conc: 4.63 ng/ml



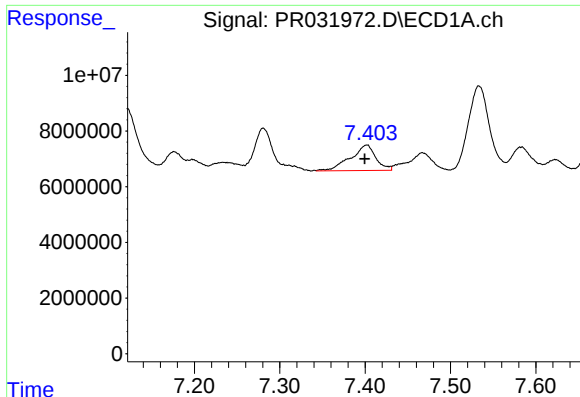
#28 AR-1254-3

R.T.: 7.121 min
Delta R.T.: 0.004 min
Response: 36323222
Conc: 16.58 ng/ml



#28 AR-1254-3

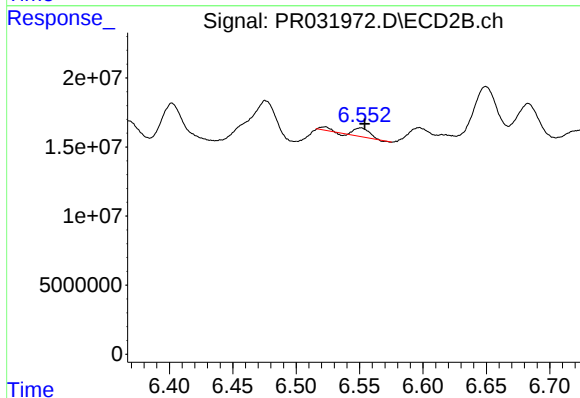
R.T.: 6.242 min
Delta R.T.: -0.003 min
Response: 16625933
Conc: 3.72 ng/ml



#29 AR-1254-4

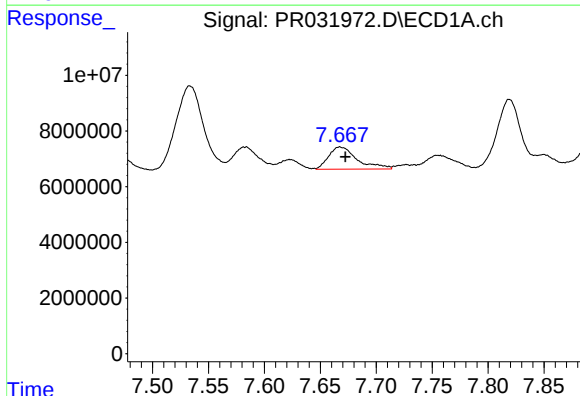
R.T.: 7.403 min
Delta R.T.: 0.003 min
Response: 19023479
Conc: 10.92 ng/ml

Instrument :
ECD_R
ClientSampleId :



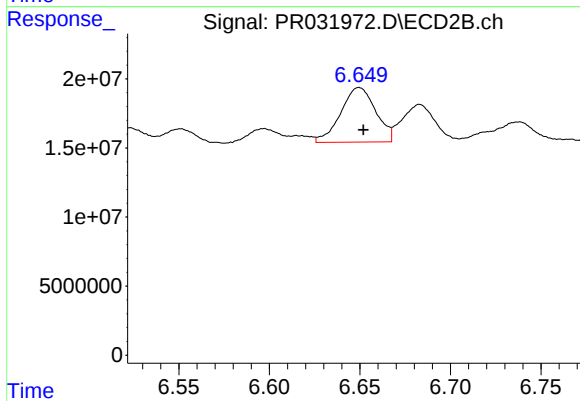
#29 AR-1254-4

R.T.: 6.551 min
Delta R.T.: -0.003 min
Response: 5759868
Conc: 2.71 ng/ml



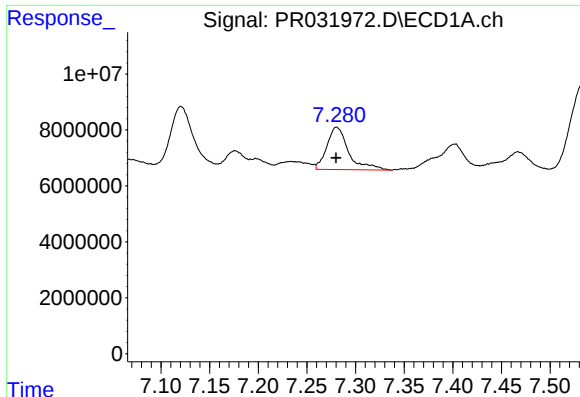
#30 AR-1254-5

R.T.: 7.667 min
Delta R.T.: -0.005 min
Response: 14108502
Conc: 10.86 ng/ml



#30 AR-1254-5

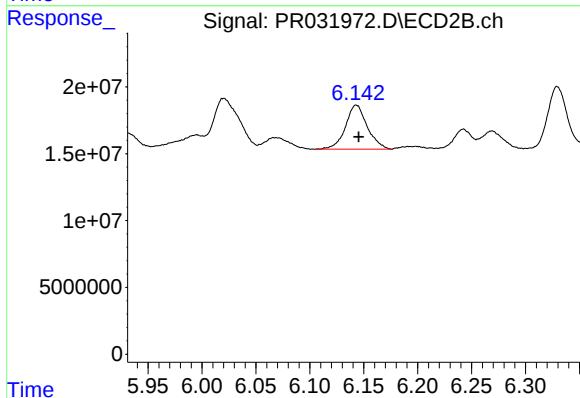
R.T.: 6.650 min
Delta R.T.: -0.002 min
Response: 53041217
Conc: 13.93 ng/ml



#31 AR-1260-1

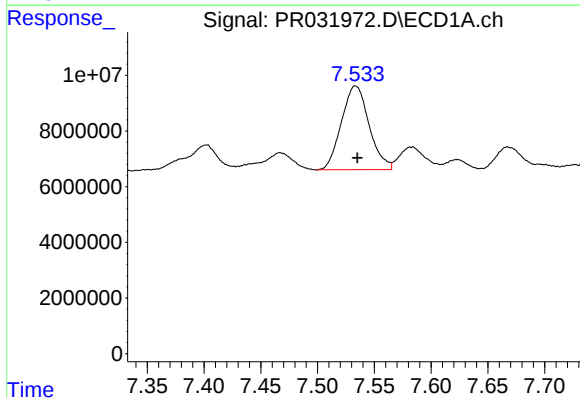
R.T.: 7.281 min
Delta R.T.: 0.000 min
Response: 23588010
Conc: 15.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



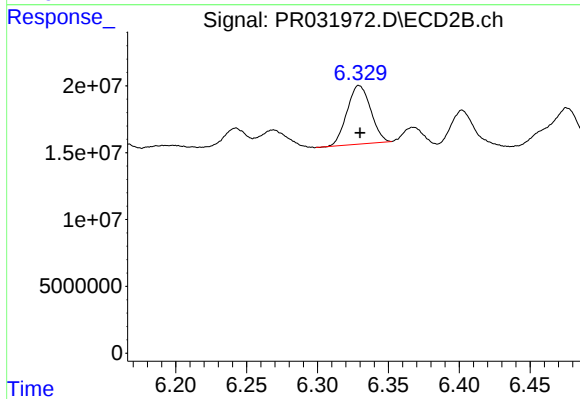
#31 AR-1260-1

R.T.: 6.143 min
Delta R.T.: -0.002 min
Response: 46432567
Conc: 12.59 ng/ml



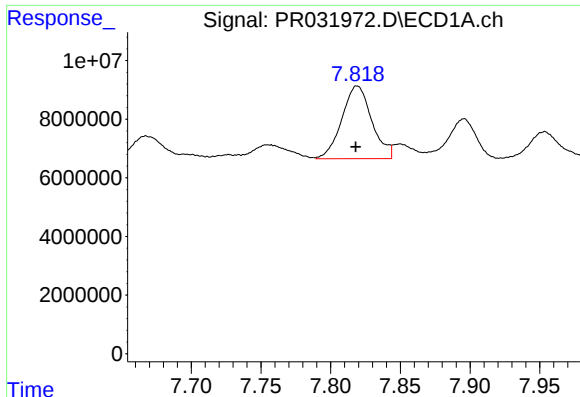
#32 AR-1260-2

R.T.: 7.533 min
Delta R.T.: -0.002 min
Response: 51134660
Conc: 25.68 ng/ml



#32 AR-1260-2

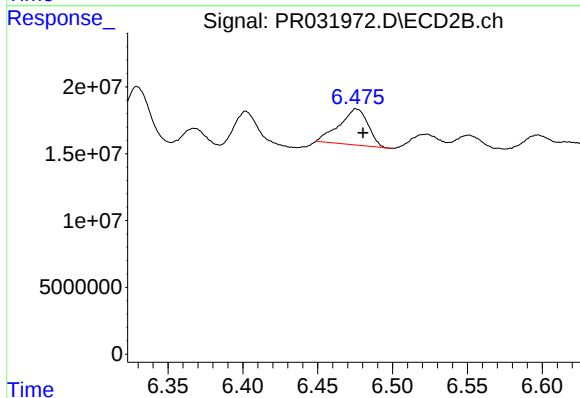
R.T.: 6.329 min
Delta R.T.: 0.000 min
Response: 50738743
Conc: 11.32 ng/ml



#33 AR-1260-3

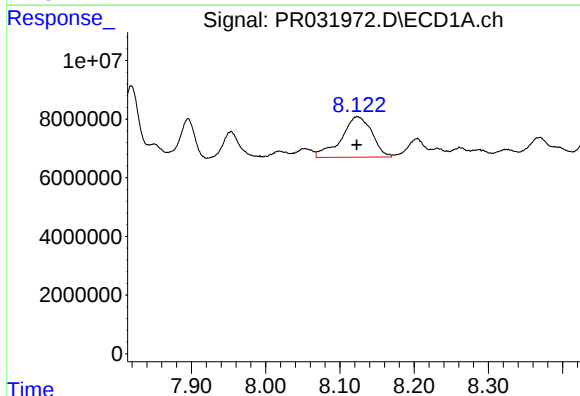
R.T.: 7.819 min
Delta R.T.: 0.001 min
Response: 37213646
Conc: 15.98 ng/ml

Instrument :
ECD_R
ClientSampleId :



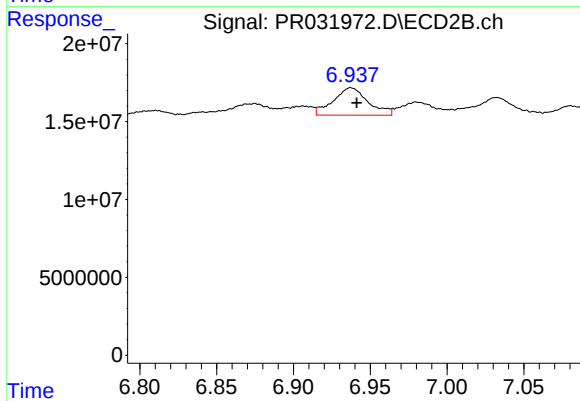
#33 AR-1260-3

R.T.: 6.476 min
Delta R.T.: -0.004 min
Response: 35877060
Conc: 10.19 ng/ml



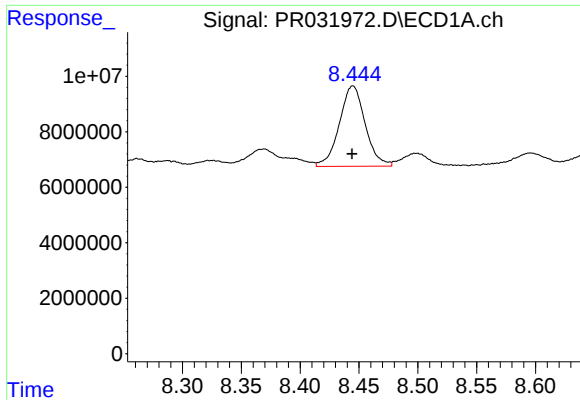
#34 AR-1260-4

R.T.: 8.123 min
Delta R.T.: 0.000 min
Response: 39741597
Conc: 23.83 ng/ml



#34 AR-1260-4

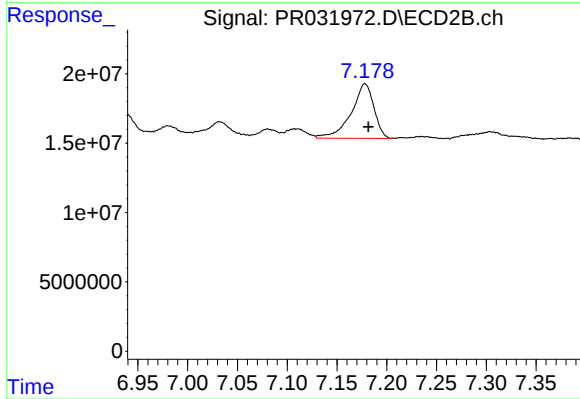
R.T.: 6.938 min
Delta R.T.: -0.004 min
Response: 27781535
Conc: 13.51 ng/ml



#35 AR-1260-5

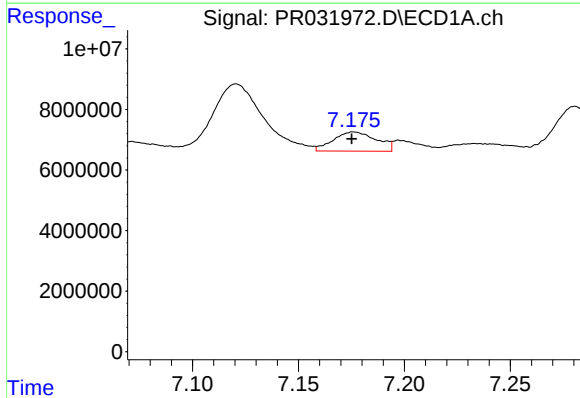
R.T.: 8.445 min
Delta R.T.: 0.000 min
Response: 44204130
Conc: 11.78 ng/ml

Instrument :
ECD_R
ClientSampleId :



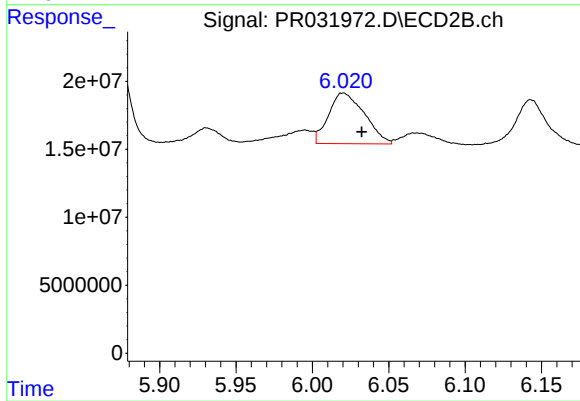
#35 AR-1260-5

R.T.: 7.178 min
Delta R.T.: -0.003 min
Response: 62540828
Conc: 14.33 ng/ml



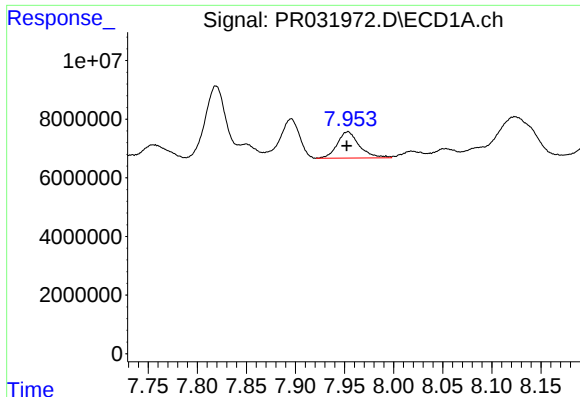
#36 AR-1262-1

R.T.: 7.176 min
Delta R.T.: 0.000 min
Response: 9028869
Conc: 10.67 ng/ml



#36 AR-1262-1

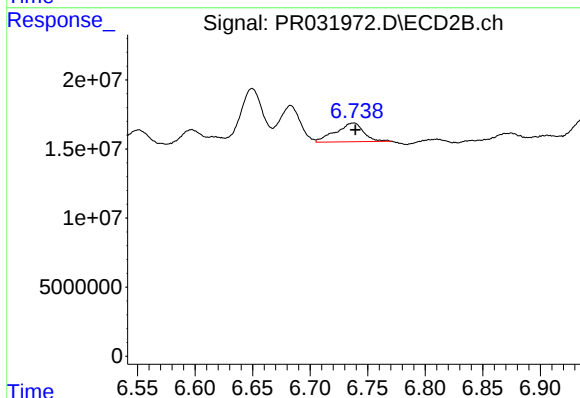
R.T.: 6.020 min
Delta R.T.: -0.012 min
Response: 61153075
Conc: 30.56 ng/ml



#37 AR-1262-2

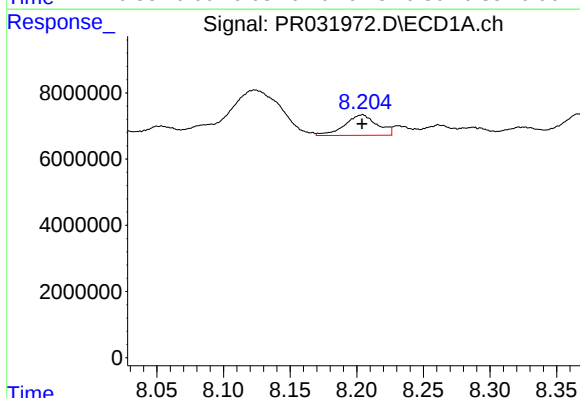
R.T.: 7.953 min
Delta R.T.: 0.001 min
Response: 14109995
Conc: 16.57 ng/ml

Instrument :
ECD_R
ClientSampleId :



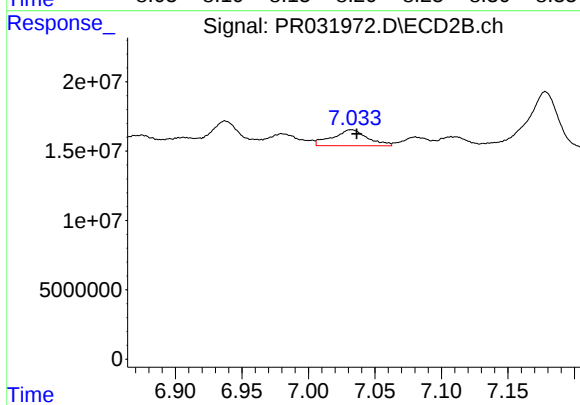
#37 AR-1262-2

R.T.: 6.738 min
Delta R.T.: -0.002 min
Response: 22672394
Conc: 15.07 ng/ml



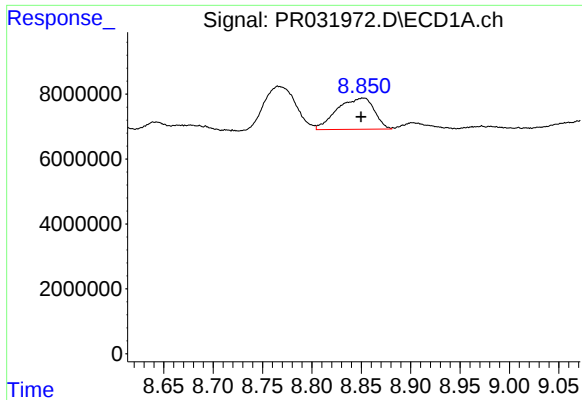
#38 AR-1262-3

R.T.: 8.204 min
Delta R.T.: 0.000 min
Response: 10508297
Conc: 13.95 ng/ml



#38 AR-1262-3

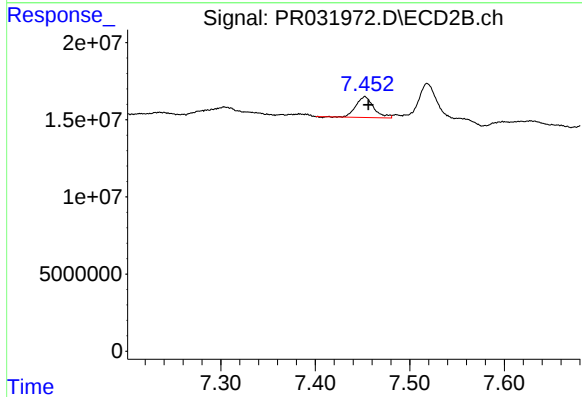
R.T.: 7.032 min
Delta R.T.: -0.004 min
Response: 21150787
Conc: 17.32 ng/ml



#39 AR-1262-4

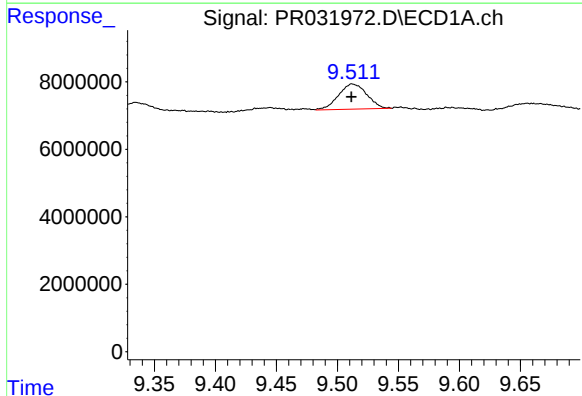
R.T.: 8.852 min
Delta R.T.: 0.002 min
Response: 25169060
Conc: 11.84 ng/ml

Instrument :
ECD_R
ClientSampleId :



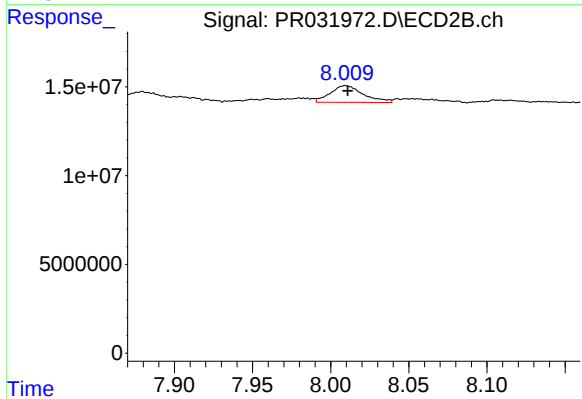
#39 AR-1262-4

R.T.: 7.453 min
Delta R.T.: -0.004 min
Response: 17496841
Conc: 10.45 ng/ml



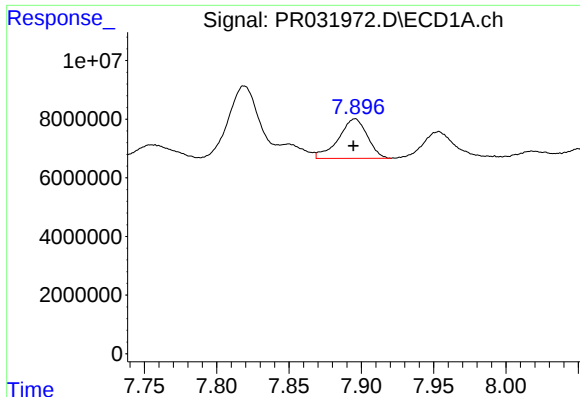
#40 AR-1262-5

R.T.: 9.512 min
Delta R.T.: 0.001 min
Response: 12060428
Conc: 7.89 ng/ml



#40 AR-1262-5

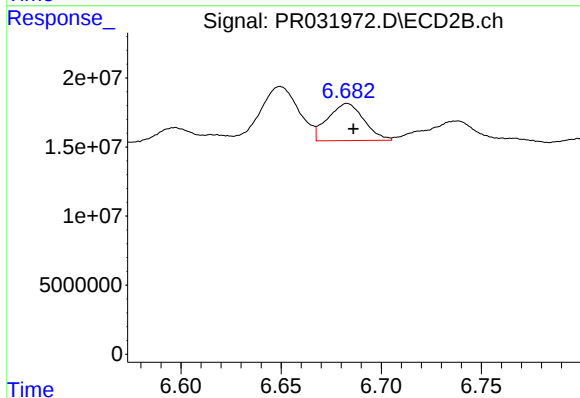
R.T.: 8.009 min
Delta R.T.: -0.001 min
Response: 13903839
Conc: 10.98 ng/ml



#41 AR-1268-1

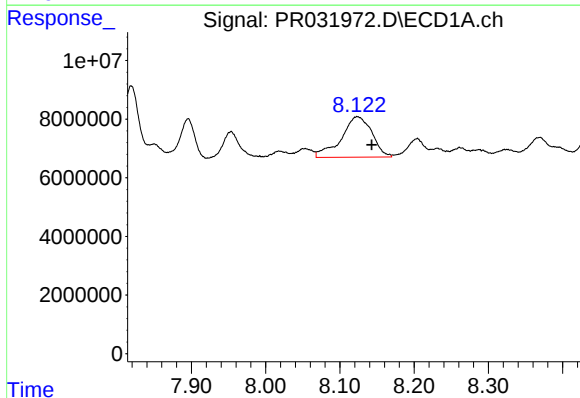
R.T.: 7.896 min
Delta R.T.: 0.001 min
Response: 18759491
Conc: 20.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



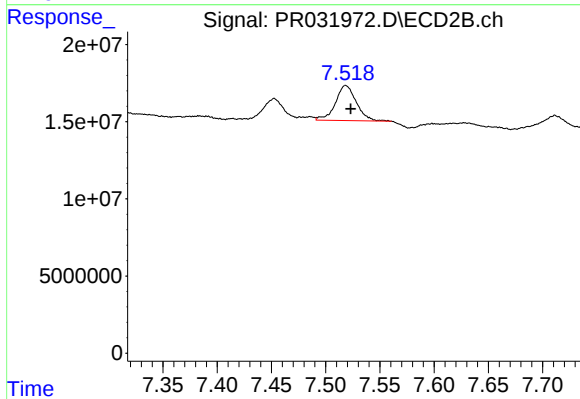
#41 AR-1268-1

R.T.: 6.683 min
Delta R.T.: -0.003 min
Response: 33793730
Conc: 20.71 ng/ml



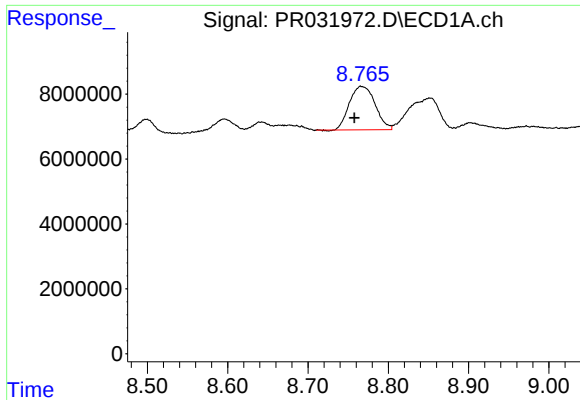
#42 AR-1268-2

R.T.: 8.123 min
Delta R.T.: -0.019 min
Response: 39741597
Conc: 31.61 ng/ml



#42 AR-1268-2

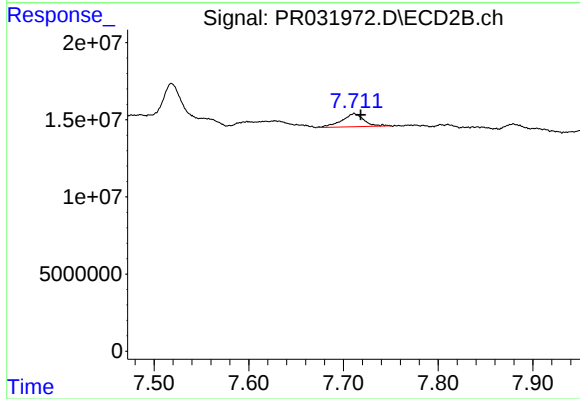
R.T.: 7.519 min
Delta R.T.: -0.005 min
Response: 30409045
Conc: 7.57 ng/ml



#43 AR-1268-3

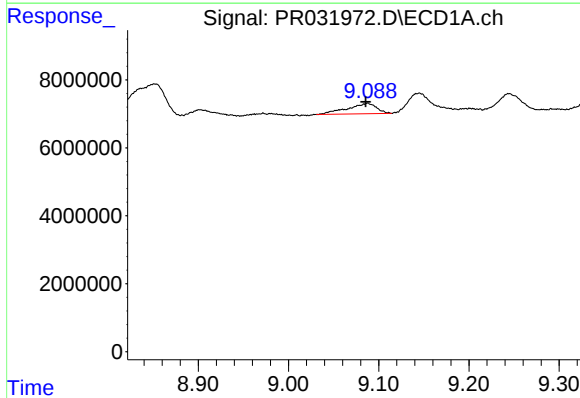
R.T.: 8.766 min
Delta R.T.: 0.008 min
Response: 29783398
Conc: 5.37 ng/ml

Instrument :
ECD_R
ClientSampleId :



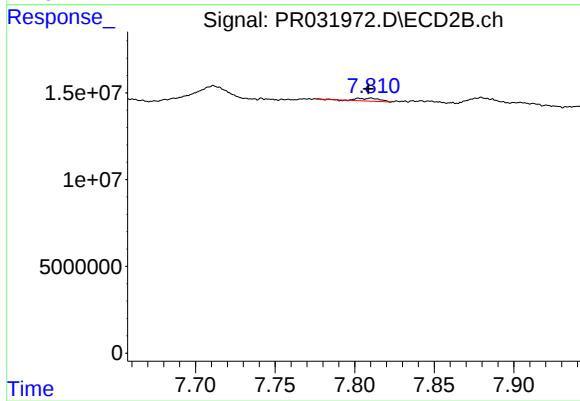
#43 AR-1268-3

R.T.: 7.711 min
Delta R.T.: -0.007 min
Response: 13578933
Conc: 3.94 ng/ml



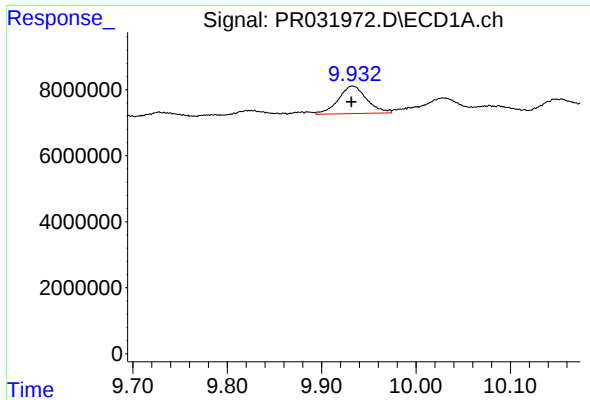
#44 AR-1268-4

R.T.: 9.087 min
Delta R.T.: 0.002 min
Response: 6919602
Conc: 1.57 ng/ml



#44 AR-1268-4

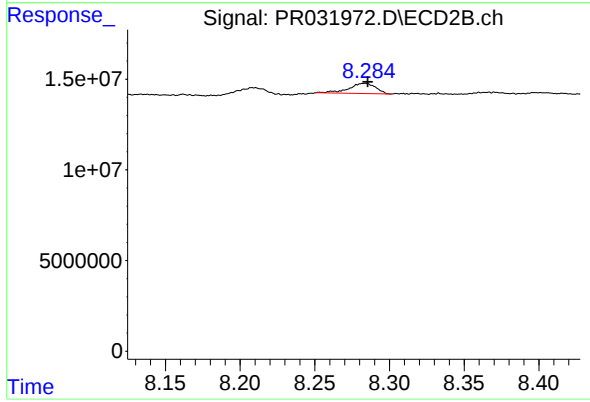
R.T.: 7.810 min
Delta R.T.: 0.002 min
Response: 1649355
Conc: 1.66 ng/ml



#45 AR-1268-5

R.T.: 9.933 min
Delta R.T.: 0.000 min
Response: 17459738
Conc: 1.43 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.284 min
Delta R.T.: -0.002 min
Response: 7041536
Conc: 0.74 ng/ml