

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR101318\
 Data File : PR032871.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Oct 2018 01:07
 Operator : SM\SJ
 Sample : J5193-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 13 02:10:08 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR101118.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 12 12:00:10 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...	4.494	3.752	325.7E6	971.4E6	20.536	21.284
2)	SA Decachlor...	10.135	8.746	95262812	293.3E6	7.574	6.482
Target Compounds							
3)	L1 AR-1016-1	5.646	4.830	4111930	9978027	6.121	4.972
4)	L1 AR-1016-2	5.646	4.864	4111930	103.0E6	4.035	34.466 #
5)	L1 AR-1016-3	5.733	5.025	4806202	34675938	7.629	22.070 #
6)	L1 AR-1016-4	5.799	5.066	78463034	41985593	149.798	35.009 #
7)	L1 AR-1016-5	6.079	5.279	86390397	125792	165.050	0.075 #
8)	L2 AR-1221-1	4.743	3.952	1107698	14122356	6.163	28.458 #
9)	L2 AR-1221-2	4.796	4.052	7523807	31001306	54.607	83.624 #
10)	L2 AR-1221-3	4.906	4.122	827151	65528307	1.979	57.008 #
11)	L3 AR-1232-1	4.906	4.122	827151	65528307	2.433	71.517 #
12)	L3 AR-1232-2	5.456	4.864	5547196	103.0E6	34.677	90.358 #
13)	L3 AR-1232-3	5.671	5.025	10524566	34675938	27.145	62.154 #
14)	L3 AR-1232-4	5.875	5.141	2602009	253.7E6	13.210	535.164 #
15)	L3 AR-1232-5	5.959	5.279	4310773	125792	29.737	0.198 #
16)	L4 AR-1242-1	5.671	4.830	10524566	9978027	21.793	7.298 #
17)	L4 AR-1242-2	5.671	4.864	10524566	103.0E6	15.535	49.812 #
18)	L4 AR-1242-3	5.733	5.025	4806202	34675938	11.412	33.234 #
19)	L4 AR-1242-4	5.875	5.141	2602009	253.7E6	7.438	258.009 #
20)	L4 AR-1242-5	6.635	5.636	7449072	276.0E6	18.333	217.774 #
21)	L5 AR-1248-1	5.671	4.830	10524566	9978027	25.741	8.631 #
22)	L5 AR-1248-2	5.959	5.066	4310773	41985593	7.631	27.345 #
23)	L5 AR-1248-3	6.129	5.141	92669425	253.7E6	140.583	161.271
24)	L5 AR-1248-4	6.521	5.279	84931666	125792	114.257	0.063 #
25)	L5 AR-1248-5	6.635	5.681	7449072	5472678	10.400	3.026 #
26)	L6 AR-1254-1	6.521	5.636	84931666	276.0E6	112.888	91.258
27)	L6 AR-1254-2	6.763	5.775	205.9E6	65411142	188.221	23.628 #
28)	L6 AR-1254-3	7.115	6.177	25280018	542.3E6	21.079	106.795 #
29)	L6 AR-1254-4	7.401	6.401	-5248938	67540964	N.D.	20.097 #
30)	L6 AR-1254-5	7.748	6.817	107.1E6	229.4E6	115.391	52.897 #
31)	L7 AR-1260-1	7.219	6.305	64168496	210.3E6	66.226	62.600
32)	L7 AR-1260-2	7.469	6.488	107.1E6	121.4E6	95.063	33.757 #
33)	L7 AR-1260-3	7.824	6.645	37048985	144.6E6	45.031	37.359
34)	L7 AR-1260-4	8.044	7.114	30067498	82629798	37.614	26.810 #
35)	L7 AR-1260-5	8.361	7.351	45608891	213.2E6	33.813	27.294
36)	L8 AR-1262-1	7.882	6.853	19564683	92356071	21.208	28.297 #
37)	L8 AR-1262-2	8.416	7.351	3450910	213.2E6	2.872	31.873 #
38)	L8 AR-1262-3	8.680	7.635	34507683	43937047	38.594	16.367 #
39)	L8 AR-1262-4	8.820	7.699	864900	138.6E6	1.254	28.989 #
40)	L8 AR-1262-5	9.448	8.193	632549	52648677	1.207	25.911 #
41)	L9 AR-1268-1	8.680	7.635	34507683	43937047	18.233	4.631 #

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 Sample : J5193-01
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

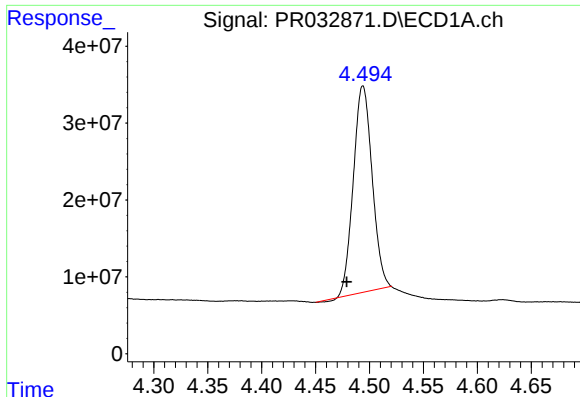
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 13 02:10:08 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR101118.M
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 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	8.820	7.699	864900	138.6E6	0.487	15.773 #
43) L9	AR-1268-3	9.050	7.905	9722167	16713760	5.976	2.288 #
44) L9	AR-1268-4	9.448	8.193	632549	52648677	0.867	18.155 #
45) L9	AR-1268-5	9.893	8.487	1532233	16813015	0.284	0.763 #

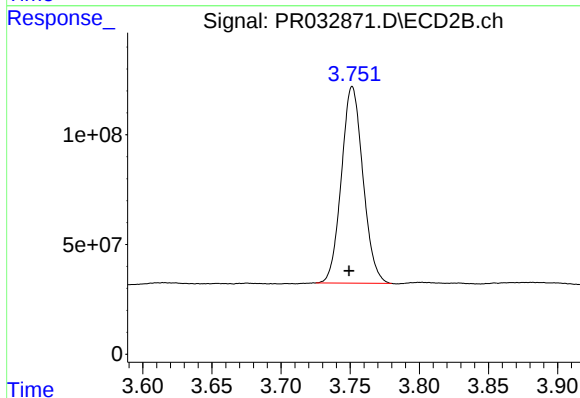
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

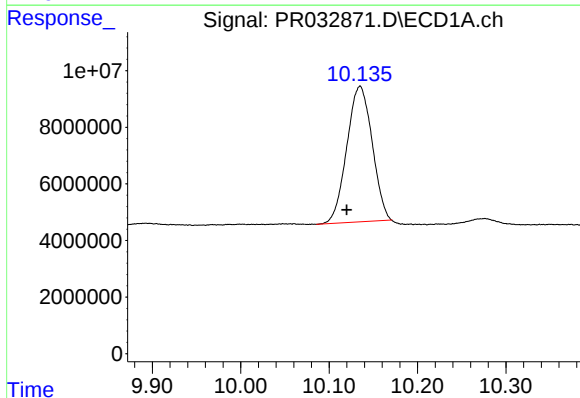
R.T.: 4.494 min
Delta R.T.: 0.015 min
Response: 325737696
Conc: 20.54 ng/ml

Instrument :
ECD_R
ClientSampleId :



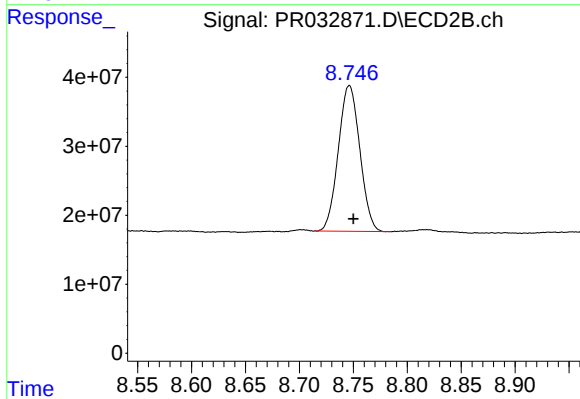
#1 Tetrachloro-m-xylene

R.T.: 3.752 min
Delta R.T.: 0.002 min
Response: 971410710
Conc: 21.28 ng/ml



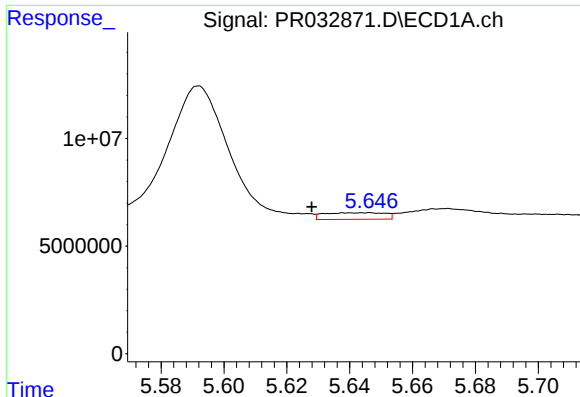
#2 Decachlorobiphenyl

R.T.: 10.135 min
Delta R.T.: 0.015 min
Response: 95262812
Conc: 7.57 ng/ml



#2 Decachlorobiphenyl

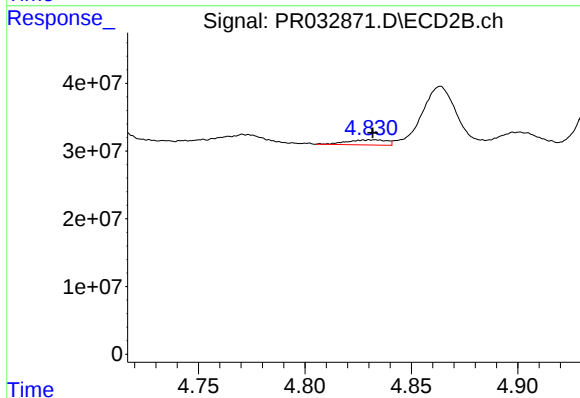
R.T.: 8.746 min
Delta R.T.: -0.004 min
Response: 293306058
Conc: 6.48 ng/ml



#3 AR-1016-1

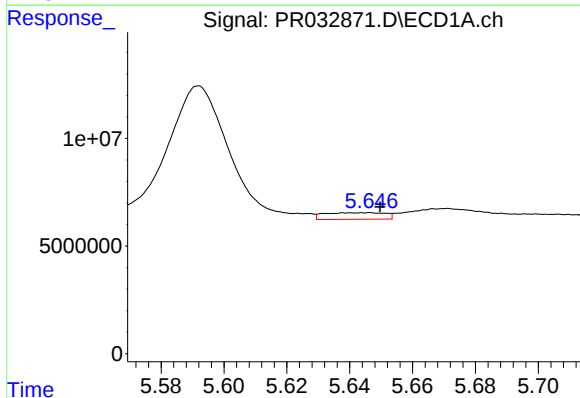
R.T.: 5.646 min
Delta R.T.: 0.018 min
Response: 4111930
Conc: 6.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



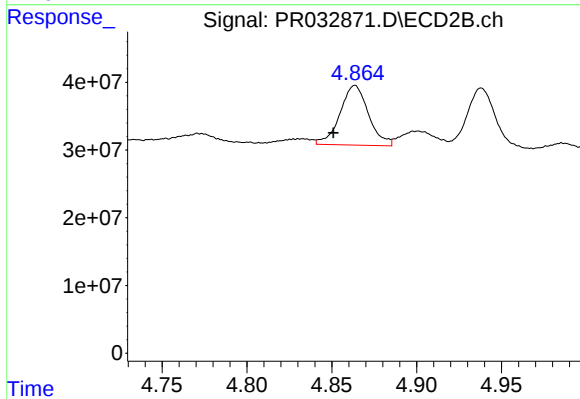
#3 AR-1016-1

R.T.: 4.830 min
Delta R.T.: -0.001 min
Response: 9978027
Conc: 4.97 ng/ml



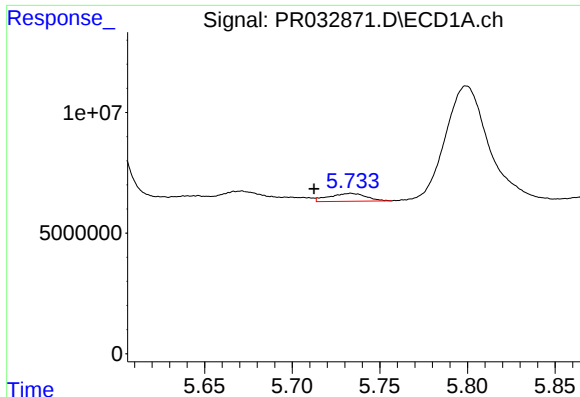
#4 AR-1016-2

R.T.: 5.646 min
Delta R.T.: -0.004 min
Response: 4111930
Conc: 4.03 ng/ml



#4 AR-1016-2

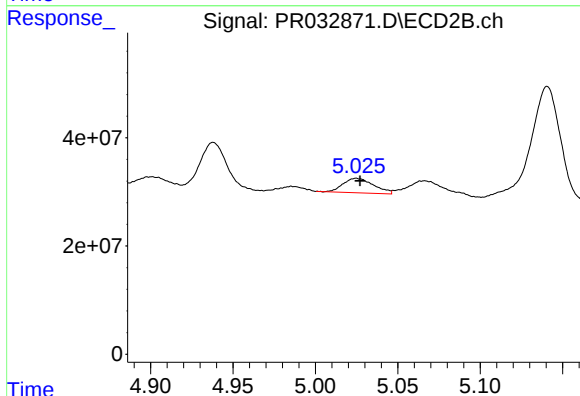
R.T.: 4.864 min
Delta R.T.: 0.013 min
Response: 102994745
Conc: 34.47 ng/ml



#5 AR-1016-3

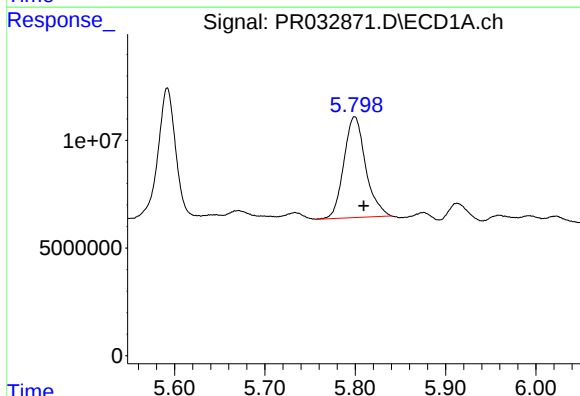
R.T.: 5.733 min
Delta R.T.: 0.021 min
Response: 4806202
Conc: 7.63 ng/ml

Instrument :
ECD_R
ClientSampleId :



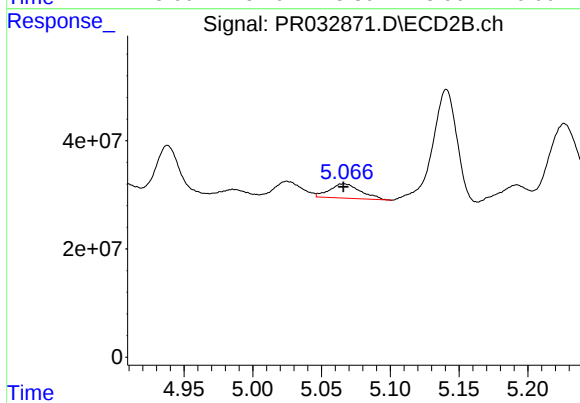
#5 AR-1016-3

R.T.: 5.025 min
Delta R.T.: -0.002 min
Response: 34675938
Conc: 22.07 ng/ml



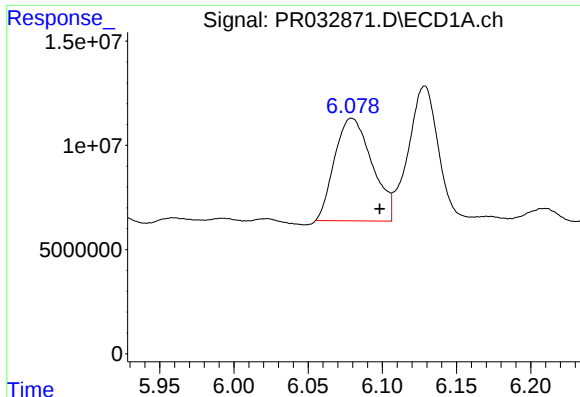
#6 AR-1016-4

R.T.: 5.799 min
Delta R.T.: -0.010 min
Response: 78463034
Conc: 149.80 ng/ml



#6 AR-1016-4

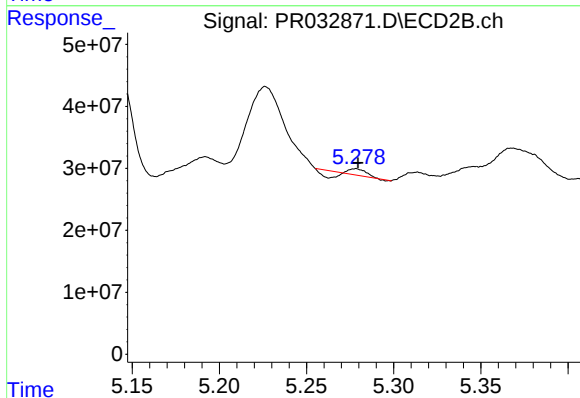
R.T.: 5.066 min
Delta R.T.: 0.000 min
Response: 41985593
Conc: 35.01 ng/ml



#7 AR-1016-5

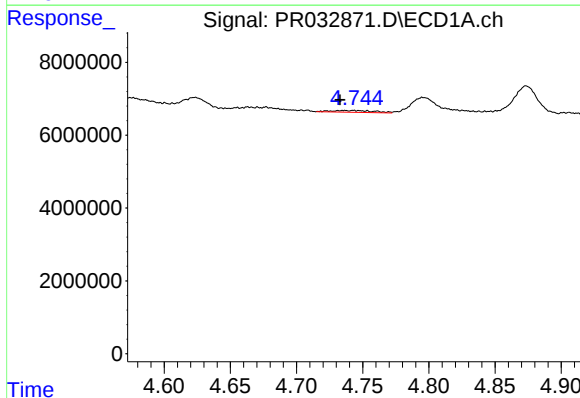
R.T.: 6.079 min
Delta R.T.: -0.019 min
Response: 86390397
Conc: 165.05 ng/ml

Instrument :
ECD_R
ClientSampleId :



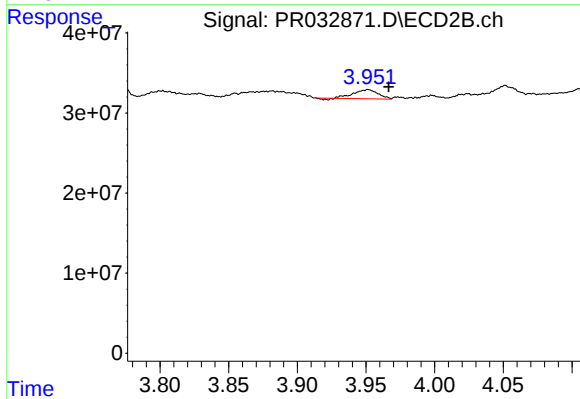
#7 AR-1016-5

R.T.: 5.279 min
Delta R.T.: -0.001 min
Response: 125792
Conc: 0.08 ng/ml



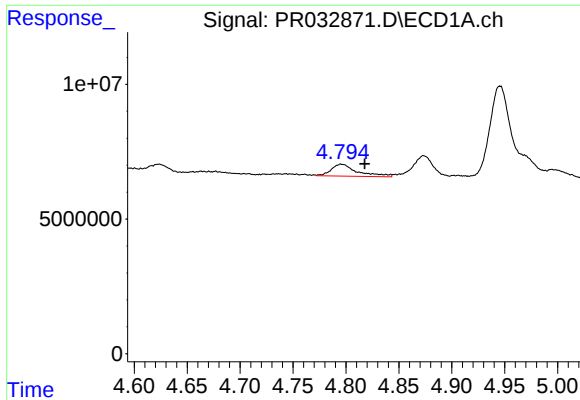
#8 AR-1221-1

R.T.: 4.743 min
Delta R.T.: 0.010 min
Response: 1107698
Conc: 6.16 ng/ml



#8 AR-1221-1

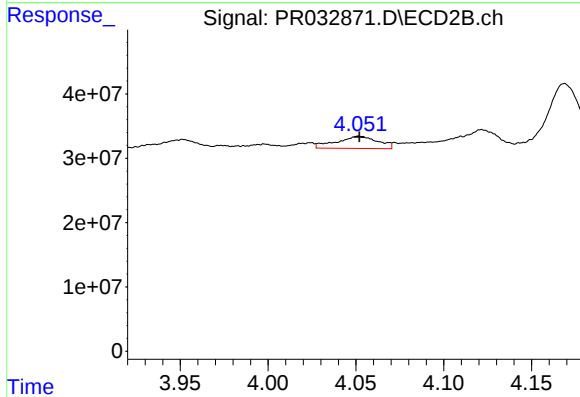
R.T.: 3.952 min
Delta R.T.: -0.015 min
Response: 14122356
Conc: 28.46 ng/ml



#9 AR-1221-2

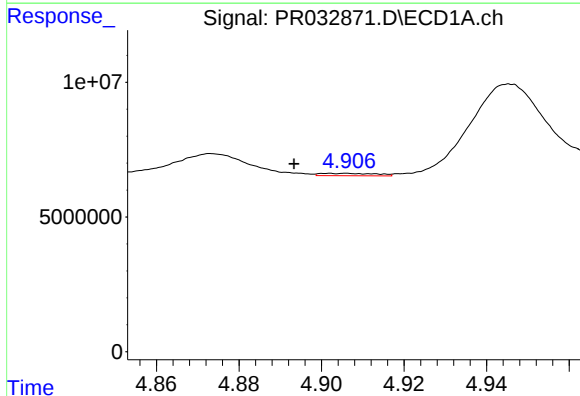
R.T.: 4.796 min
Delta R.T.: -0.022 min
Response: 7523807
Conc: 54.61 ng/ml

Instrument :
ECD_R
ClientSampleId :



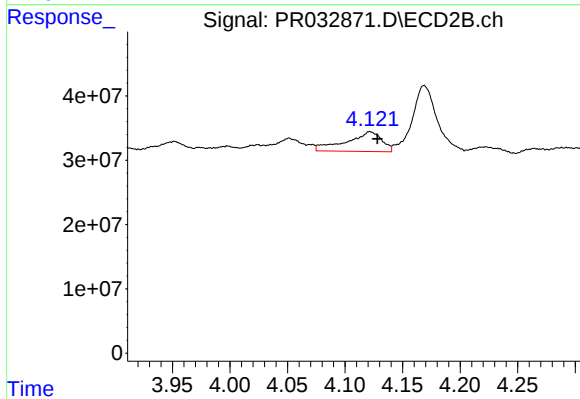
#9 AR-1221-2

R.T.: 4.052 min
Delta R.T.: 0.000 min
Response: 31001306
Conc: 83.62 ng/ml



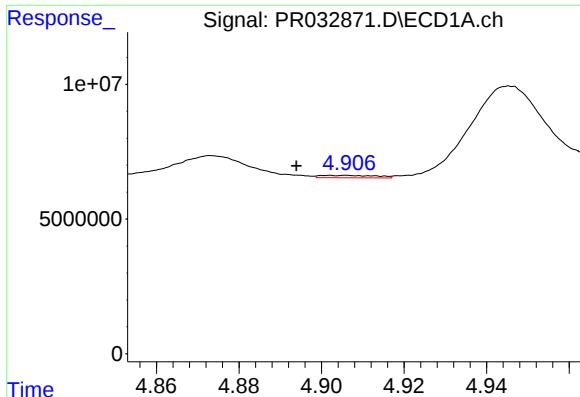
#10 AR-1221-3

R.T.: 4.906 min
Delta R.T.: 0.013 min
Response: 827151
Conc: 1.98 ng/ml



#10 AR-1221-3

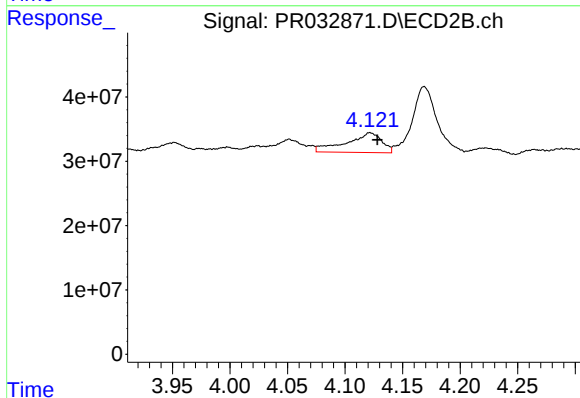
R.T.: 4.122 min
Delta R.T.: -0.007 min
Response: 65528307
Conc: 57.01 ng/ml



#11 AR-1232-1

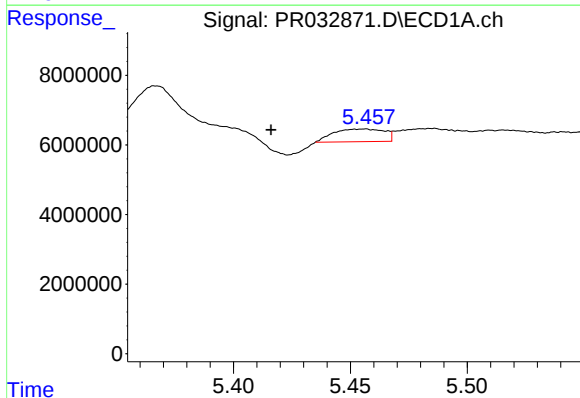
R.T.: 4.906 min
Delta R.T.: 0.012 min
Response: 827151
Conc: 2.43 ng/ml

Instrument :
ECD_R
ClientSampleId :



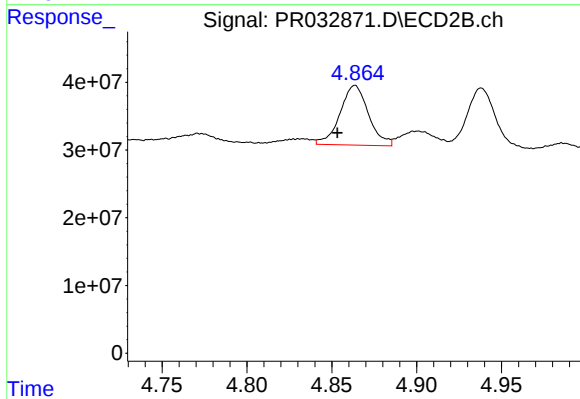
#11 AR-1232-1

R.T.: 4.122 min
Delta R.T.: -0.007 min
Response: 65528307
Conc: 71.52 ng/ml



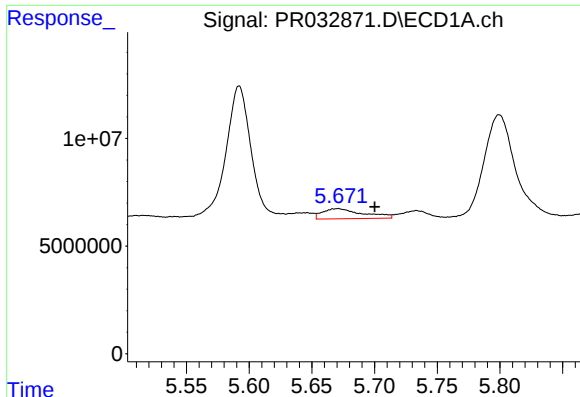
#12 AR-1232-2

R.T.: 5.456 min
Delta R.T.: 0.040 min
Response: 5547196
Conc: 34.68 ng/ml



#12 AR-1232-2

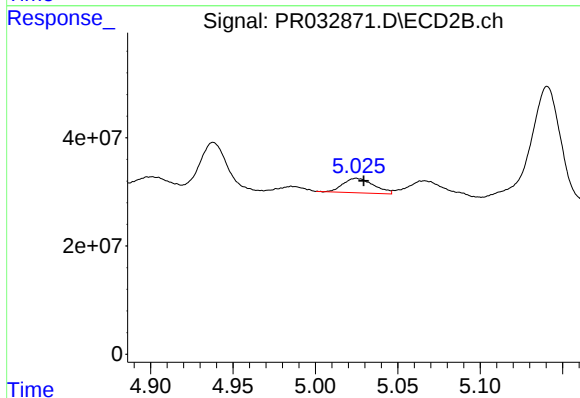
R.T.: 4.864 min
Delta R.T.: 0.010 min
Response: 102994745
Conc: 90.36 ng/ml



#13 AR-1232-3

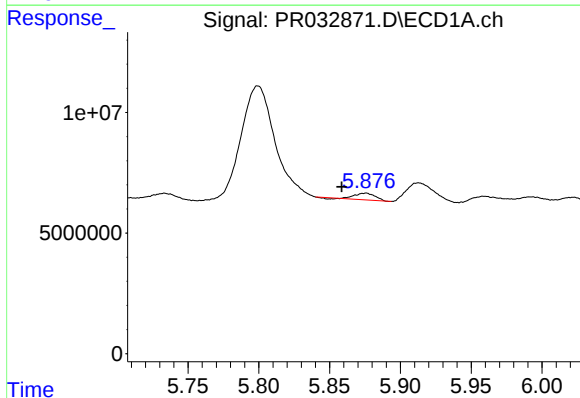
R.T.: 5.671 min
Delta R.T.: -0.029 min
Response: 10524566
Conc: 27.14 ng/ml

Instrument :
ECD_R
ClientSampleId :



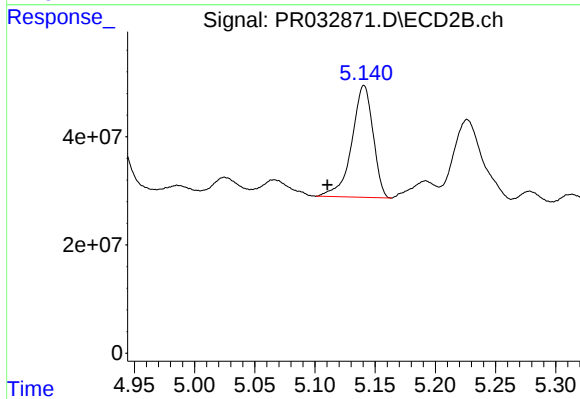
#13 AR-1232-3

R.T.: 5.025 min
Delta R.T.: -0.004 min
Response: 34675938
Conc: 62.15 ng/ml



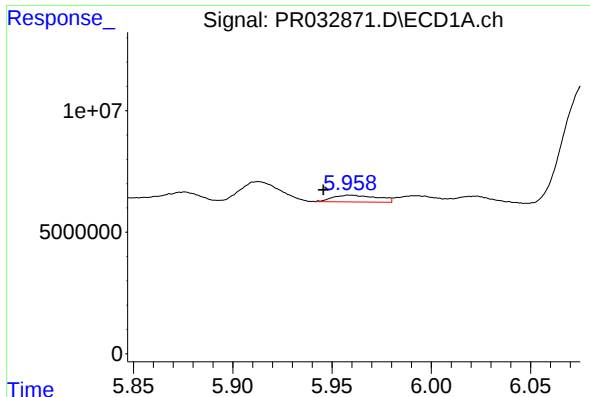
#14 AR-1232-4

R.T.: 5.875 min
Delta R.T.: 0.017 min
Response: 2602009
Conc: 13.21 ng/ml



#14 AR-1232-4

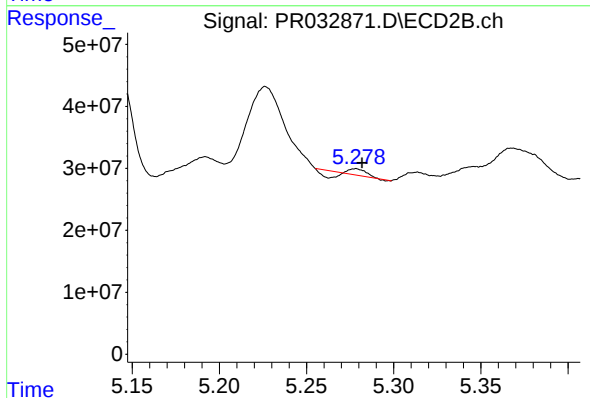
R.T.: 5.141 min
Delta R.T.: 0.031 min
Response: 253749961
Conc: 535.16 ng/ml



#15 AR-1232-5

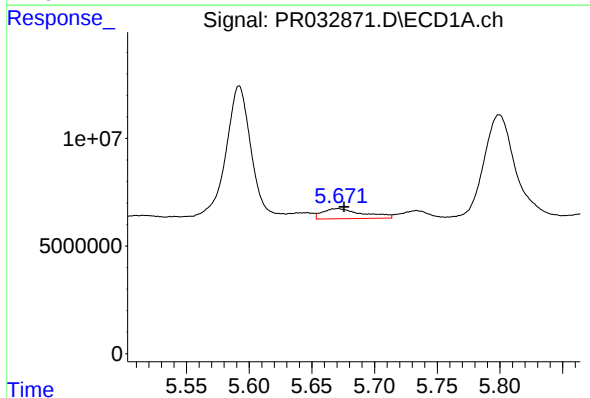
R.T.: 5.959 min
Delta R.T.: 0.014 min
Response: 4310773
Conc: 29.74 ng/ml

Instrument :
ECD_R
ClientSampleId :



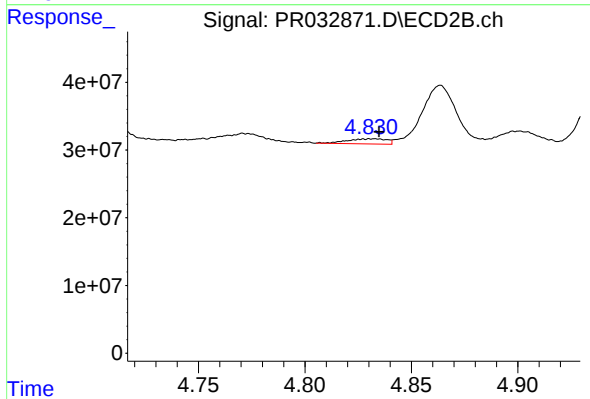
#15 AR-1232-5

R.T.: 5.279 min
Delta R.T.: -0.003 min
Response: 125792
Conc: 0.20 ng/ml



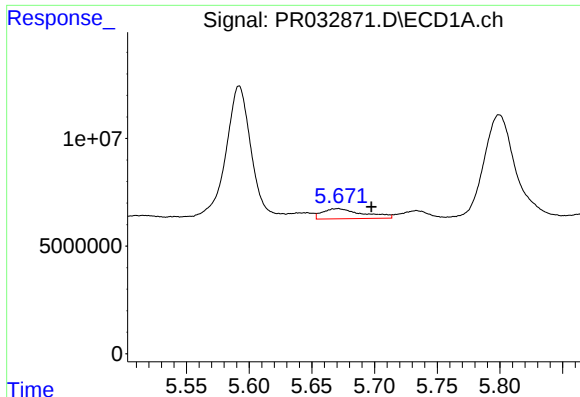
#16 AR-1242-1

R.T.: 5.671 min
Delta R.T.: -0.005 min
Response: 10524566
Conc: 21.79 ng/ml



#16 AR-1242-1

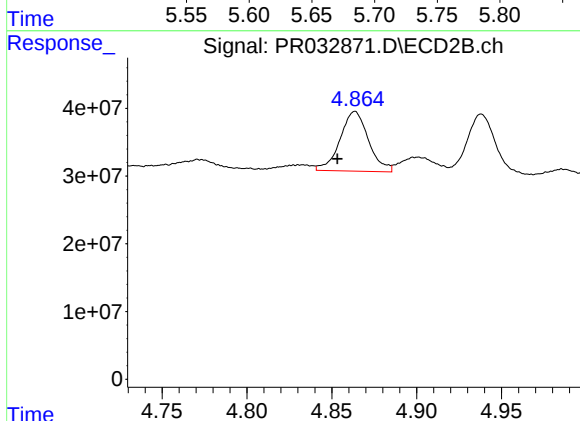
R.T.: 4.830 min
Delta R.T.: -0.004 min
Response: 9978027
Conc: 7.30 ng/ml



#17 AR-1242-2

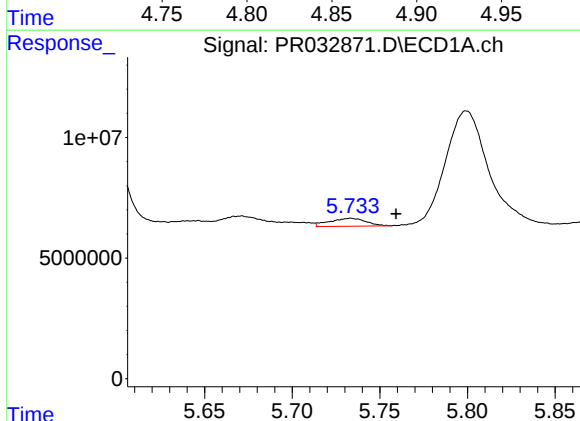
R.T.: 5.671 min
Delta R.T.: -0.026 min
Response: 10524566
Conc: 15.53 ng/ml

Instrument :
ECD_R
ClientSampleId :



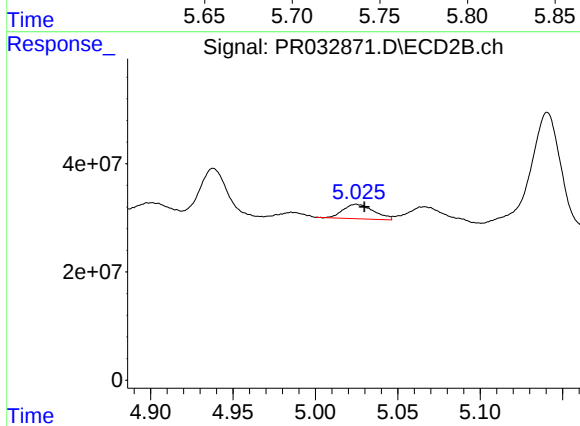
#17 AR-1242-2

R.T.: 4.864 min
Delta R.T.: 0.010 min
Response: 102994745
Conc: 49.81 ng/ml



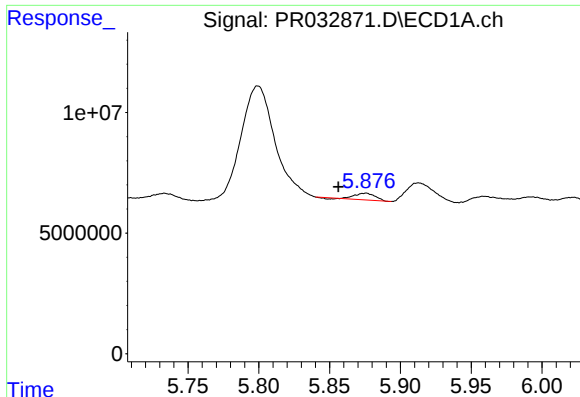
#18 AR-1242-3

R.T.: 5.733 min
Delta R.T.: -0.026 min
Response: 4806202
Conc: 11.41 ng/ml



#18 AR-1242-3

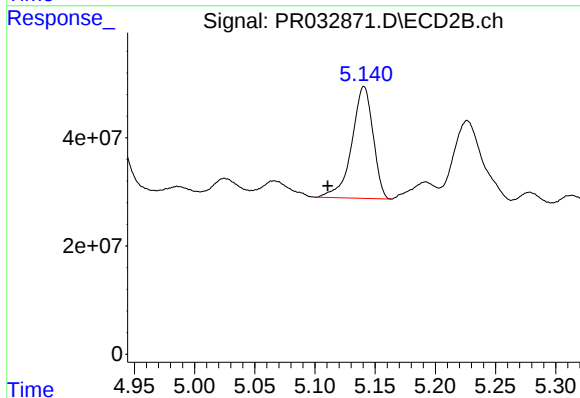
R.T.: 5.025 min
Delta R.T.: -0.005 min
Response: 34675938
Conc: 33.23 ng/ml



#19 AR-1242-4

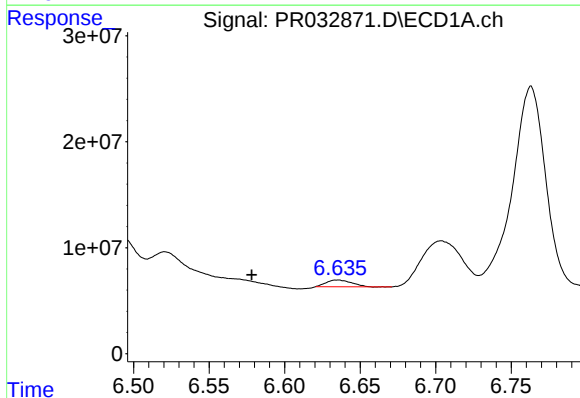
R.T.: 5.875 min
Delta R.T.: 0.019 min
Response: 2602009
Conc: 7.44 ng/ml

Instrument :
ECD_R
ClientSampleId :



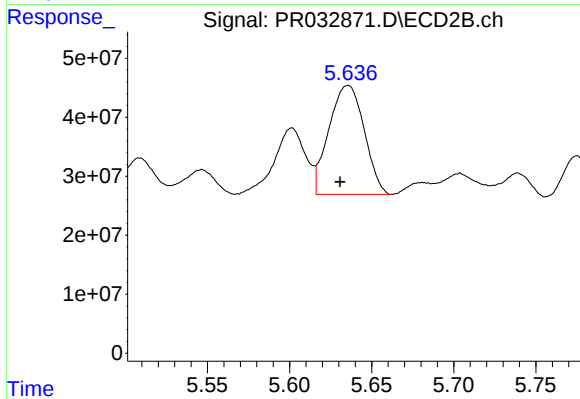
#19 AR-1242-4

R.T.: 5.141 min
Delta R.T.: 0.030 min
Response: 253749961
Conc: 258.01 ng/ml



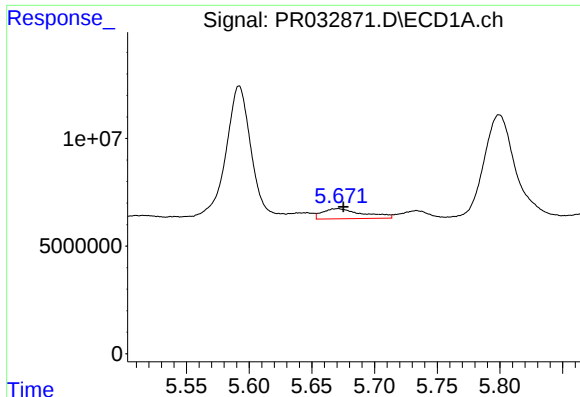
#20 AR-1242-5

R.T.: 6.635 min
Delta R.T.: 0.057 min
Response: 7449072
Conc: 18.33 ng/ml



#20 AR-1242-5

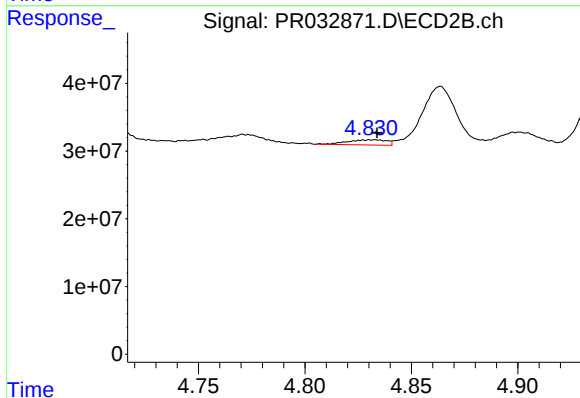
R.T.: 5.636 min
Delta R.T.: 0.005 min
Response: 276014435
Conc: 217.77 ng/ml



#21 AR-1248-1

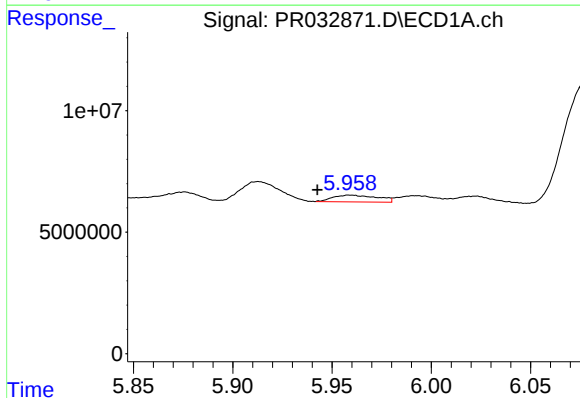
R.T.: 5.671 min
Delta R.T.: -0.004 min
Response: 10524566
Conc: 25.74 ng/ml

Instrument :
ECD_R
ClientSampleId :



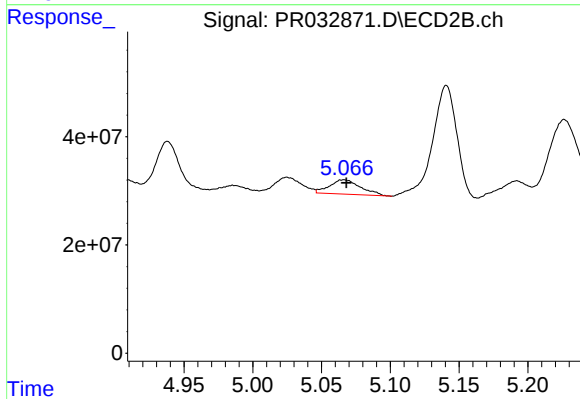
#21 AR-1248-1

R.T.: 4.830 min
Delta R.T.: -0.003 min
Response: 9978027
Conc: 8.63 ng/ml



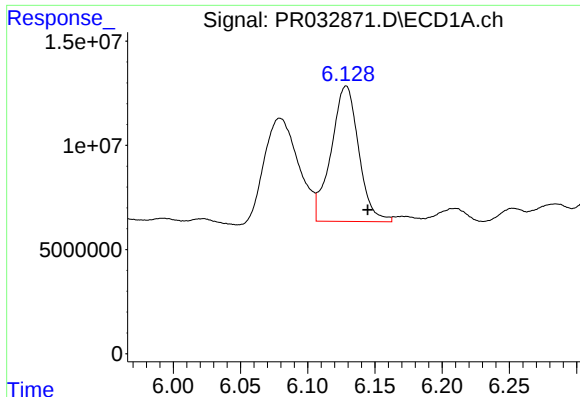
#22 AR-1248-2

R.T.: 5.959 min
Delta R.T.: 0.017 min
Response: 4310773
Conc: 7.63 ng/ml



#22 AR-1248-2

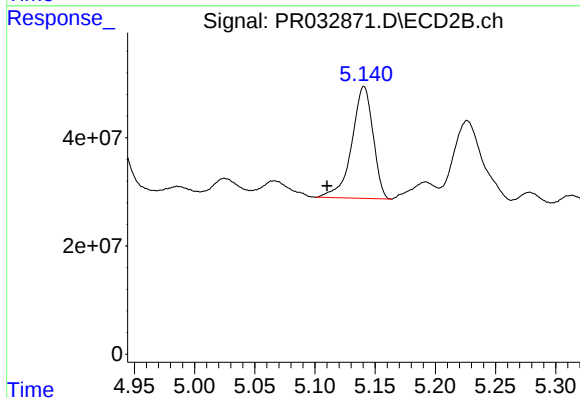
R.T.: 5.066 min
Delta R.T.: -0.002 min
Response: 41985593
Conc: 27.35 ng/ml



#23 AR-1248-3

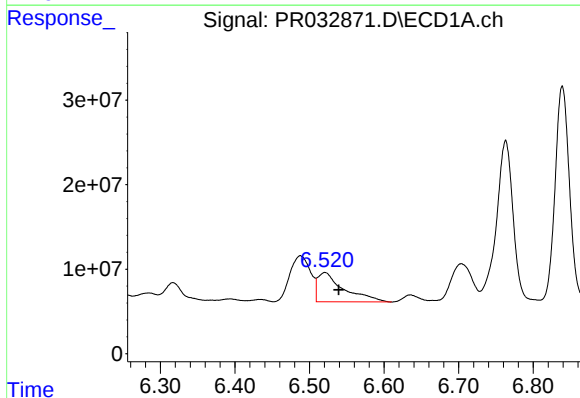
R.T.: 6.129 min
Delta R.T.: -0.016 min
Response: 92669425
Conc: 140.58 ng/ml

Instrument :
ECD_R
ClientSampleId :



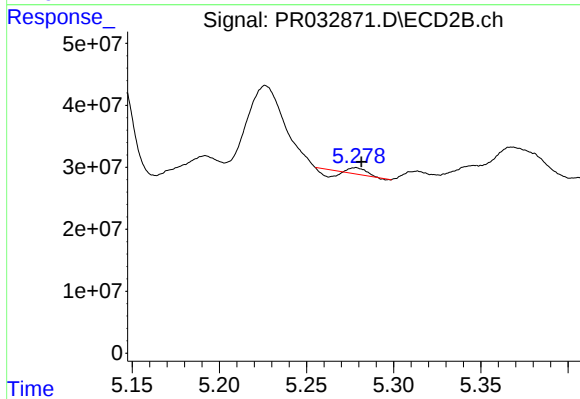
#23 AR-1248-3

R.T.: 5.141 min
Delta R.T.: 0.031 min
Response: 253749961
Conc: 161.27 ng/ml



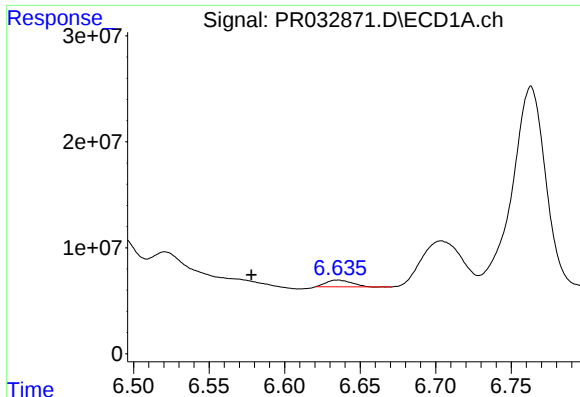
#24 AR-1248-4

R.T.: 6.521 min
Delta R.T.: -0.019 min
Response: 84931666
Conc: 114.26 ng/ml



#24 AR-1248-4

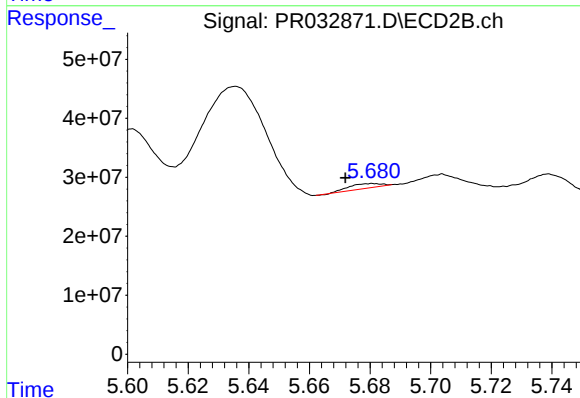
R.T.: 5.279 min
Delta R.T.: -0.003 min
Response: 125792
Conc: 0.06 ng/ml



#25 AR-1248-5

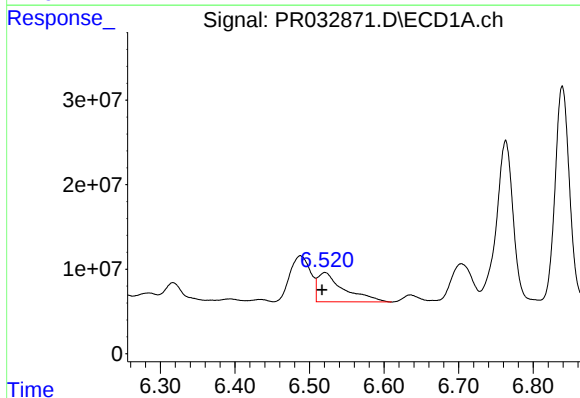
R.T.: 6.635 min
Delta R.T.: 0.057 min
Response: 7449072
Conc: 10.40 ng/ml

Instrument :
ECD_R
ClientSampleId :



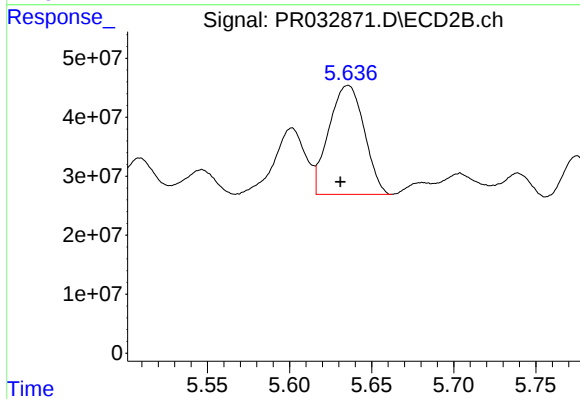
#25 AR-1248-5

R.T.: 5.681 min
Delta R.T.: 0.009 min
Response: 5472678
Conc: 3.03 ng/ml



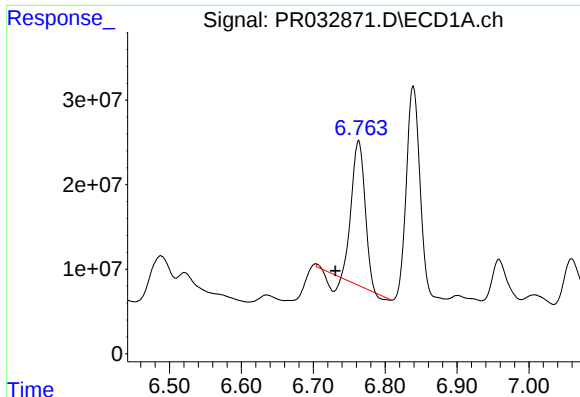
#26 AR-1254-1

R.T.: 6.521 min
Delta R.T.: 0.004 min
Response: 84931666
Conc: 112.89 ng/ml



#26 AR-1254-1

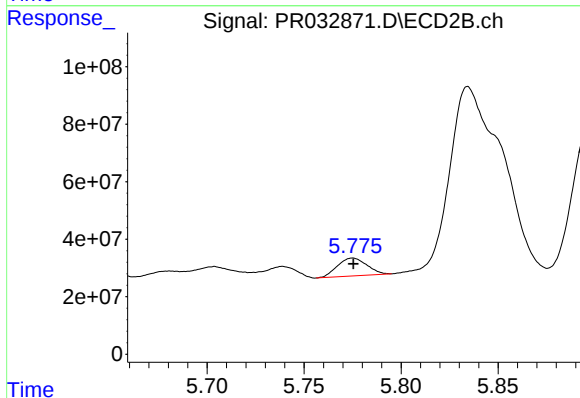
R.T.: 5.636 min
Delta R.T.: 0.005 min
Response: 276014435
Conc: 91.26 ng/ml



#27 AR-1254-2

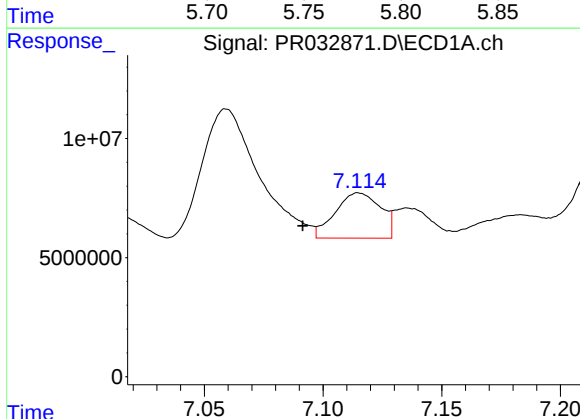
R.T.: 6.763 min
Delta R.T.: 0.032 min
Response: 205906883
Conc: 188.22 ng/ml

Instrument :
ECD_R
ClientSampleId :



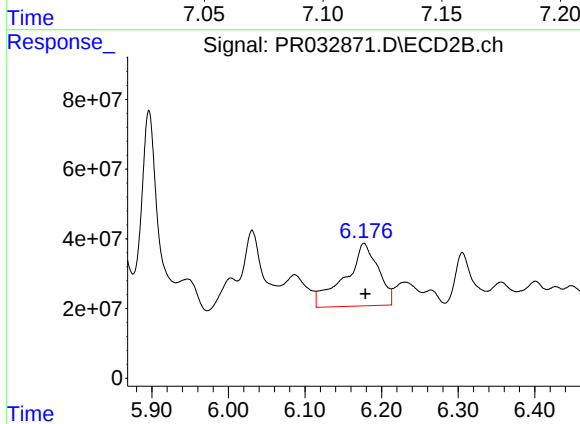
#27 AR-1254-2

R.T.: 5.775 min
Delta R.T.: 0.000 min
Response: 65411142
Conc: 23.63 ng/ml



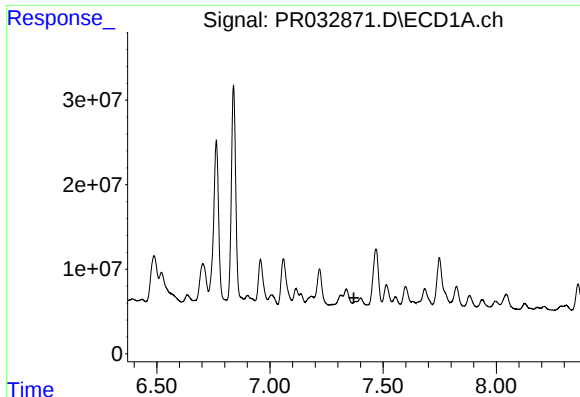
#28 AR-1254-3

R.T.: 7.115 min
Delta R.T.: 0.024 min
Response: 25280018
Conc: 21.08 ng/ml



#28 AR-1254-3

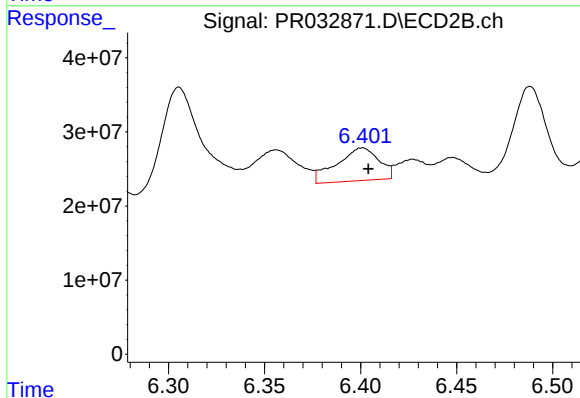
R.T.: 6.177 min
Delta R.T.: -0.002 min
Response: 542273792
Conc: 106.80 ng/ml



#29 AR-1254-4

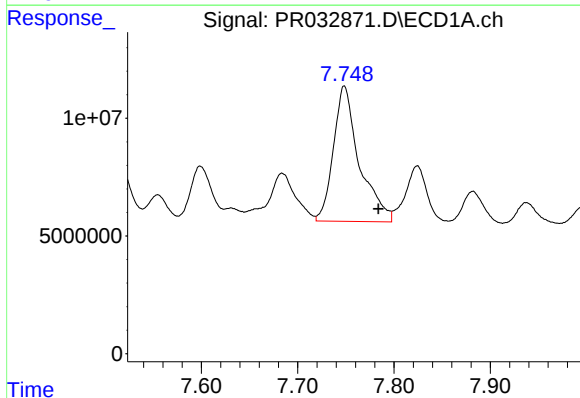
R.T.: 7.401 min
Delta R.T.: 0.030 min
Response: -5248938
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



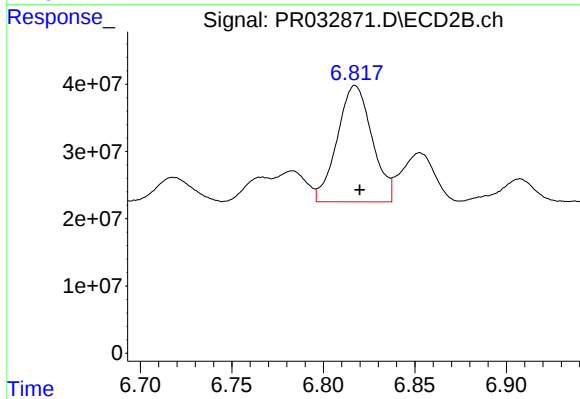
#29 AR-1254-4

R.T.: 6.401 min
Delta R.T.: -0.003 min
Response: 67540964
Conc: 20.10 ng/ml



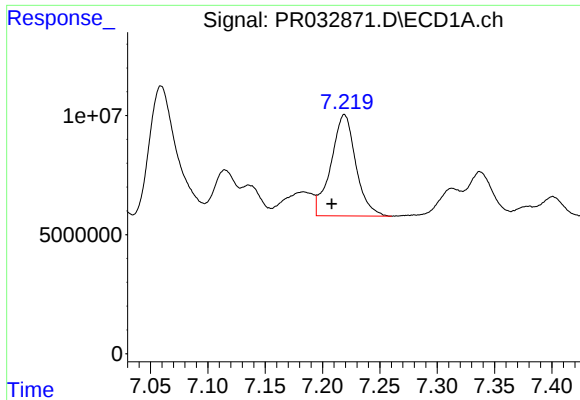
#30 AR-1254-5

R.T.: 7.748 min
Delta R.T.: -0.035 min
Response: 107102142
Conc: 115.39 ng/ml



#30 AR-1254-5

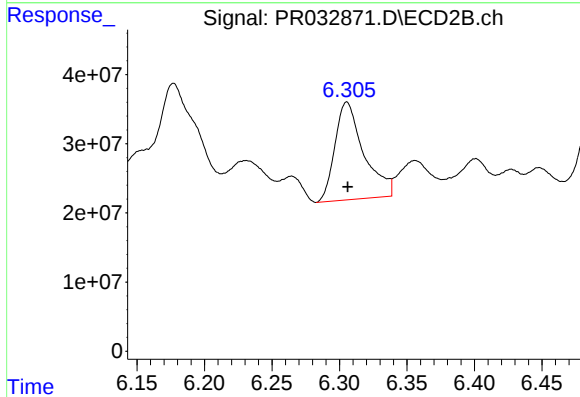
R.T.: 6.817 min
Delta R.T.: -0.003 min
Response: 229415068
Conc: 52.90 ng/ml



#31 AR-1260-1

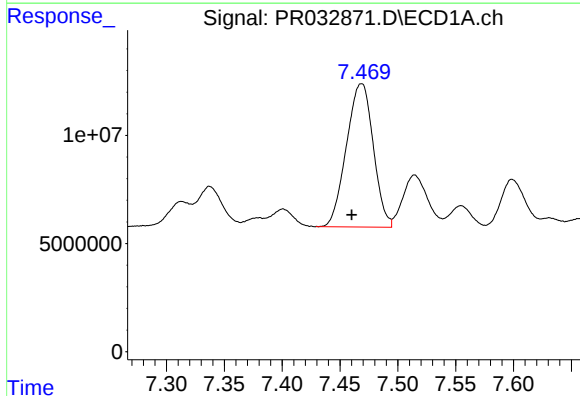
R.T.: 7.219 min
Delta R.T.: 0.011 min
Response: 64168496
Conc: 66.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



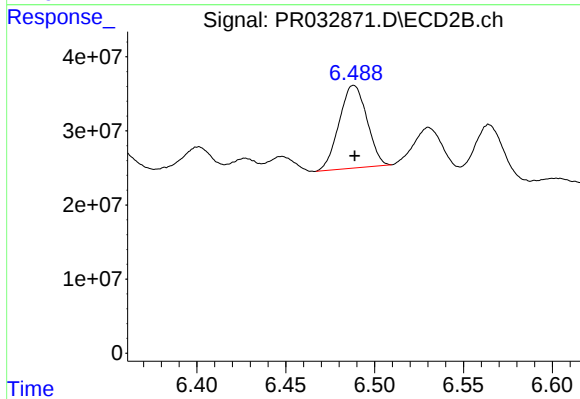
#31 AR-1260-1

R.T.: 6.305 min
Delta R.T.: 0.000 min
Response: 210310332
Conc: 62.60 ng/ml



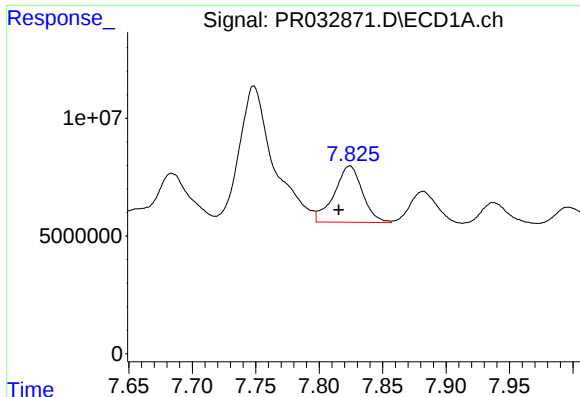
#32 AR-1260-2

R.T.: 7.469 min
Delta R.T.: 0.008 min
Response: 107063495
Conc: 95.06 ng/ml



#32 AR-1260-2

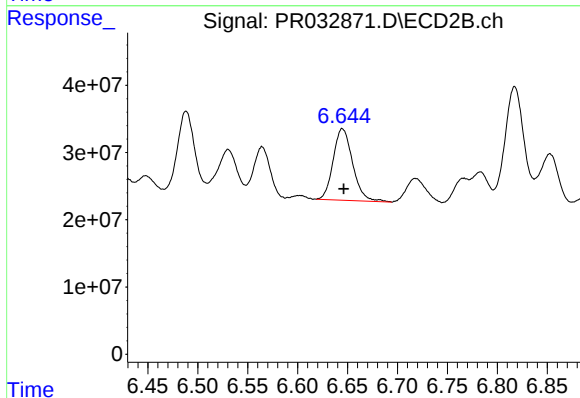
R.T.: 6.488 min
Delta R.T.: 0.000 min
Response: 121385585
Conc: 33.76 ng/ml



#33 AR-1260-3

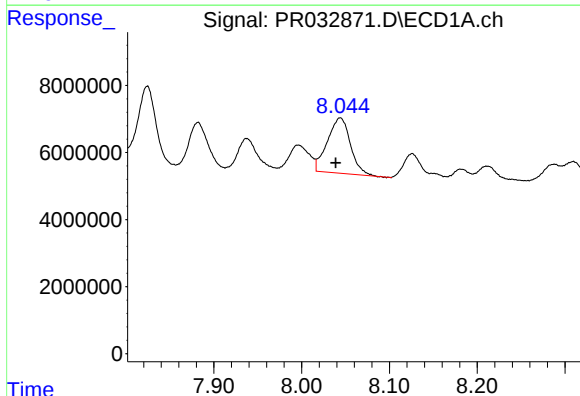
R.T.: 7.824 min
Delta R.T.: 0.009 min
Response: 37048985
Conc: 45.03 ng/ml

Instrument :
ECD_R
ClientSampleId :



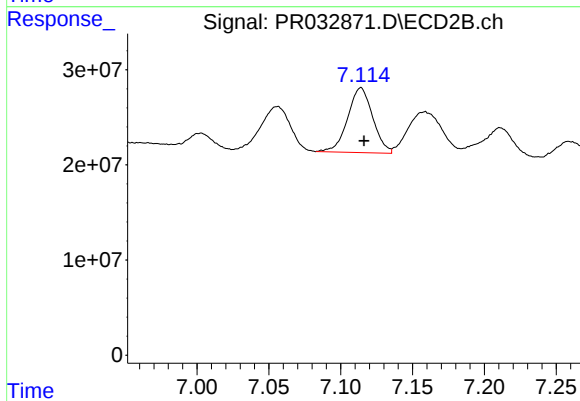
#33 AR-1260-3

R.T.: 6.645 min
Delta R.T.: -0.001 min
Response: 144615151
Conc: 37.36 ng/ml



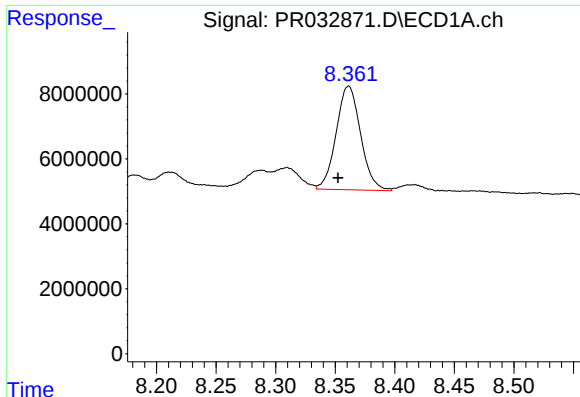
#34 AR-1260-4

R.T.: 8.044 min
Delta R.T.: 0.005 min
Response: 30067498
Conc: 37.61 ng/ml



#34 AR-1260-4

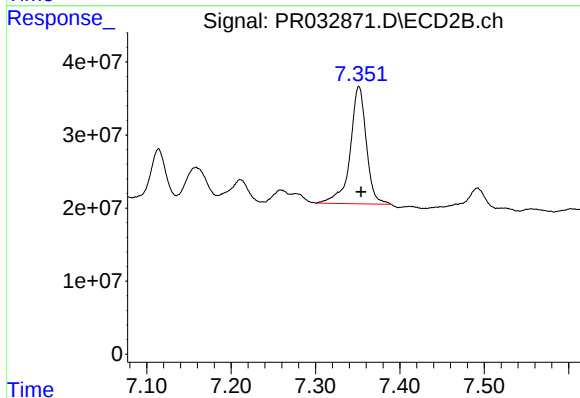
R.T.: 7.114 min
Delta R.T.: -0.002 min
Response: 82629798
Conc: 26.81 ng/ml



#35 AR-1260-5

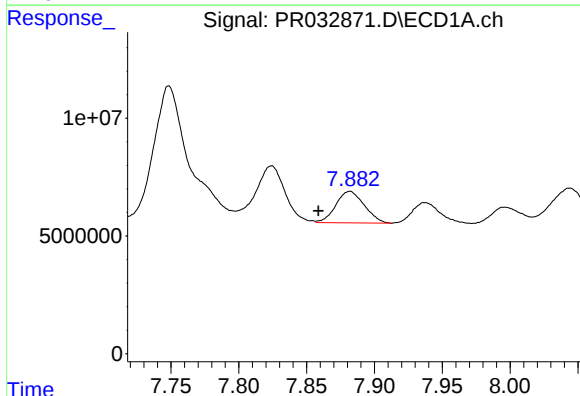
R.T.: 8.361 min
Delta R.T.: 0.009 min
Response: 45608891
Conc: 33.81 ng/ml

Instrument :
ECD_R
ClientSampleId :



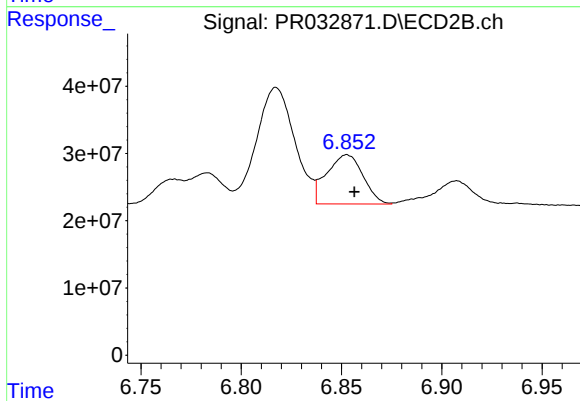
#35 AR-1260-5

R.T.: 7.351 min
Delta R.T.: -0.003 min
Response: 213248477
Conc: 27.29 ng/ml



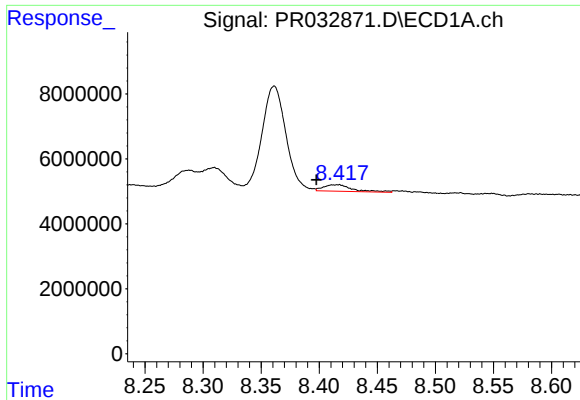
#36 AR-1262-1

R.T.: 7.882 min
Delta R.T.: 0.023 min
Response: 19564683
Conc: 21.21 ng/ml



#36 AR-1262-1

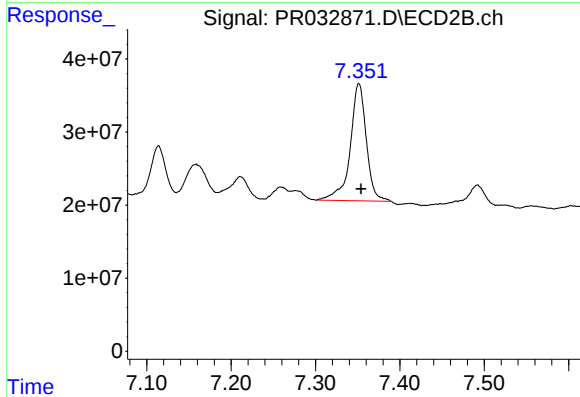
R.T.: 6.853 min
Delta R.T.: -0.004 min
Response: 92356071
Conc: 28.30 ng/ml



#37 AR-1262-2

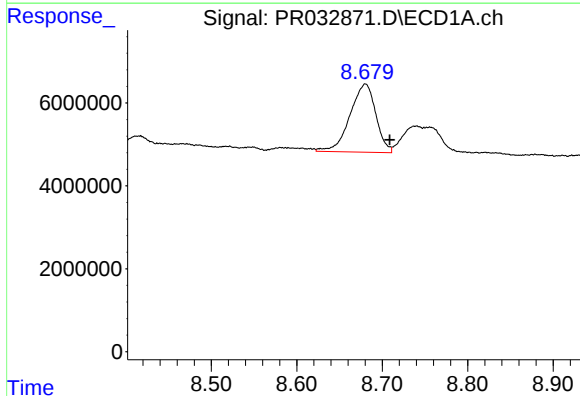
R.T.: 8.416 min
Delta R.T.: 0.019 min
Response: 3450910
Conc: 2.87 ng/ml

Instrument :
ECD_R
ClientSampleId :



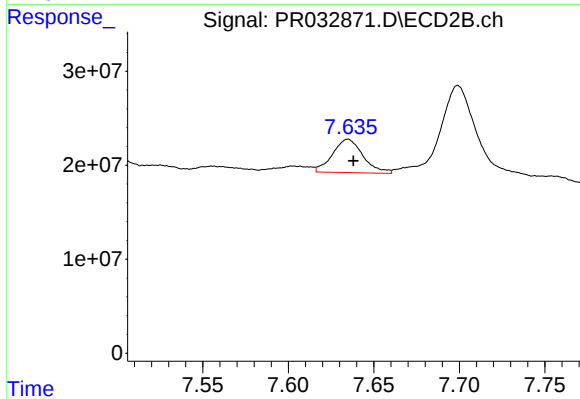
#37 AR-1262-2

R.T.: 7.351 min
Delta R.T.: -0.003 min
Response: 213248477
Conc: 31.87 ng/ml



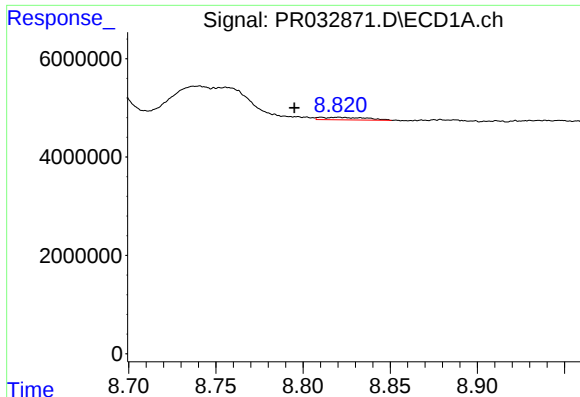
#38 AR-1262-3

R.T.: 8.680 min
Delta R.T.: -0.029 min
Response: 34507683
Conc: 38.59 ng/ml



#38 AR-1262-3

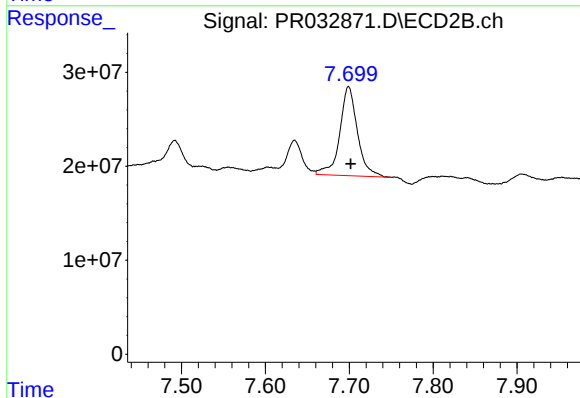
R.T.: 7.635 min
Delta R.T.: -0.003 min
Response: 43937047
Conc: 16.37 ng/ml



#39 AR-1262-4

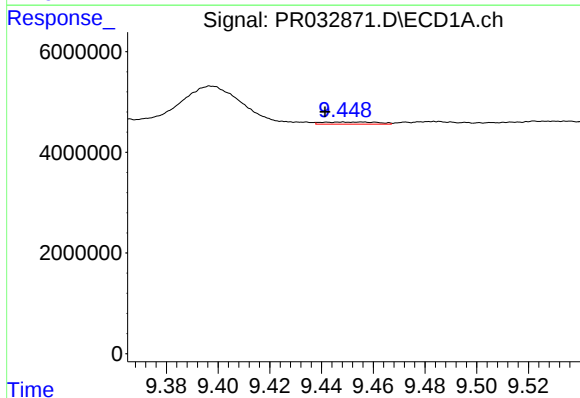
R.T.: 8.820 min
Delta R.T.: 0.025 min
Response: 864900
Conc: 1.25 ng/ml

Instrument :
ECD_R
ClientSampleId :



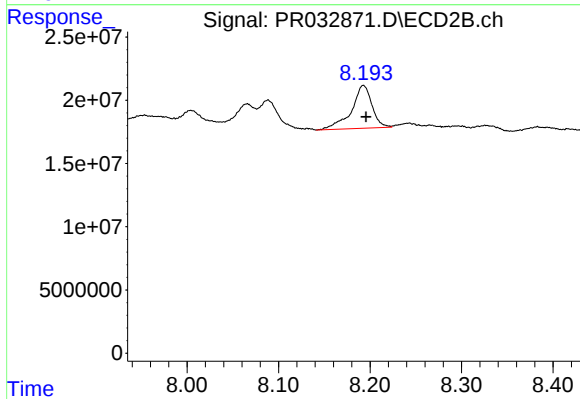
#39 AR-1262-4

R.T.: 7.699 min
Delta R.T.: -0.002 min
Response: 138596927
Conc: 28.99 ng/ml



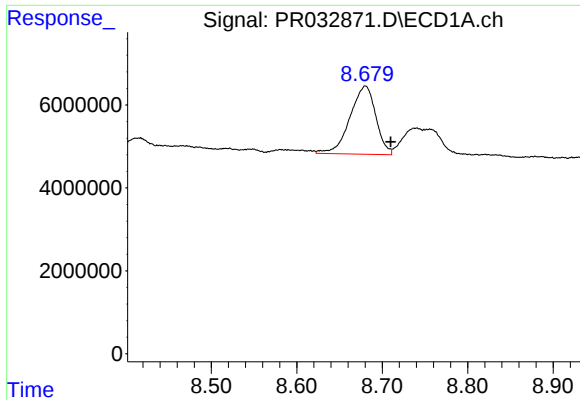
#40 AR-1262-5

R.T.: 9.448 min
Delta R.T.: 0.007 min
Response: 632549
Conc: 1.21 ng/ml



#40 AR-1262-5

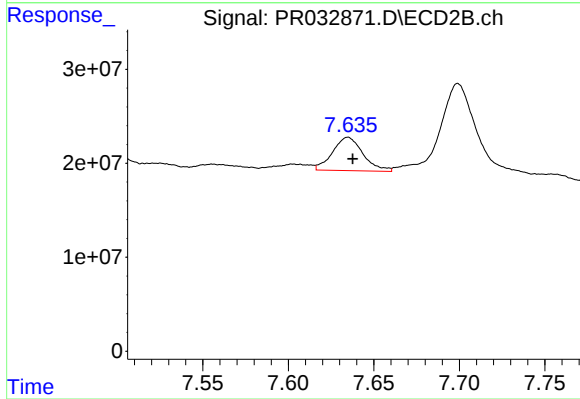
R.T.: 8.193 min
Delta R.T.: -0.003 min
Response: 52648677
Conc: 25.91 ng/ml



#41 AR-1268-1

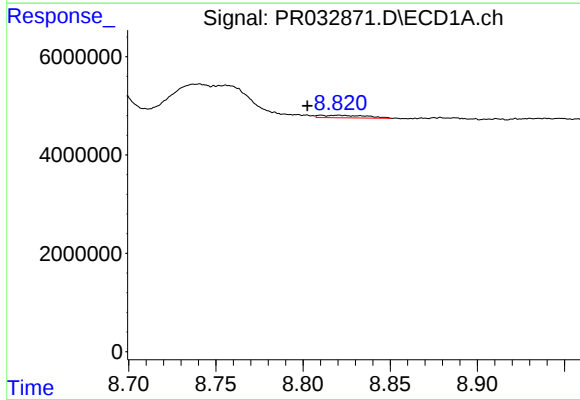
R.T.: 8.680 min
Delta R.T.: -0.029 min
Response: 34507683
Conc: 18.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



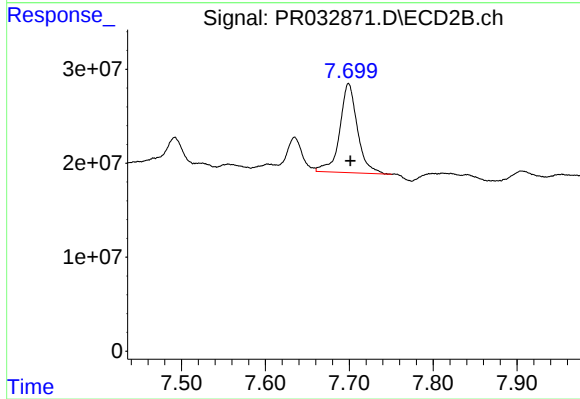
#41 AR-1268-1

R.T.: 7.635 min
Delta R.T.: -0.003 min
Response: 43937047
Conc: 4.63 ng/ml



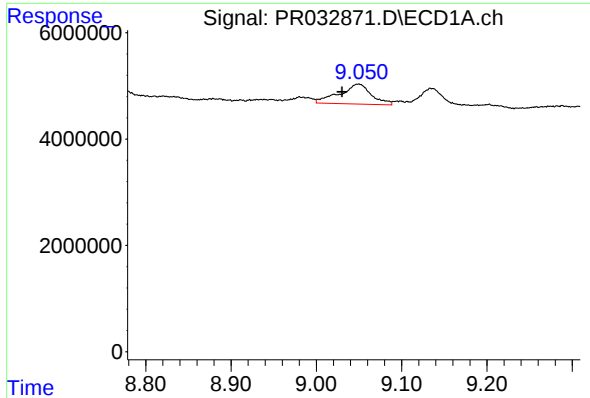
#42 AR-1268-2

R.T.: 8.820 min
Delta R.T.: 0.018 min
Response: 864900
Conc: 0.49 ng/ml



#42 AR-1268-2

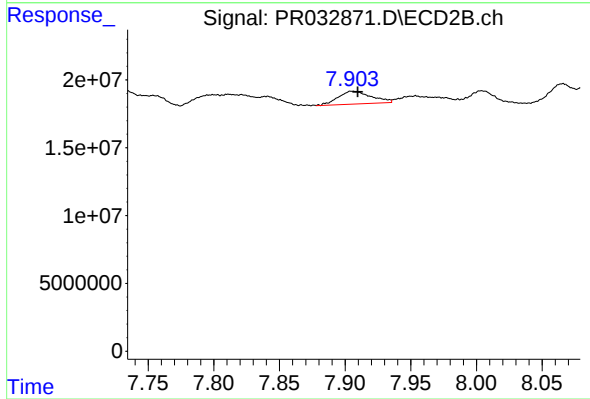
R.T.: 7.699 min
Delta R.T.: -0.002 min
Response: 138596927
Conc: 15.77 ng/ml



#43 AR-1268-3

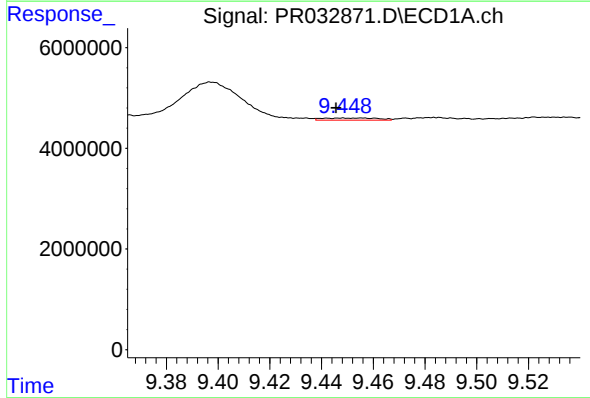
R.T.: 9.050 min
Delta R.T.: 0.019 min
Response: 9722167
Conc: 5.98 ng/ml

Instrument :
ECD_R
ClientSampleId :



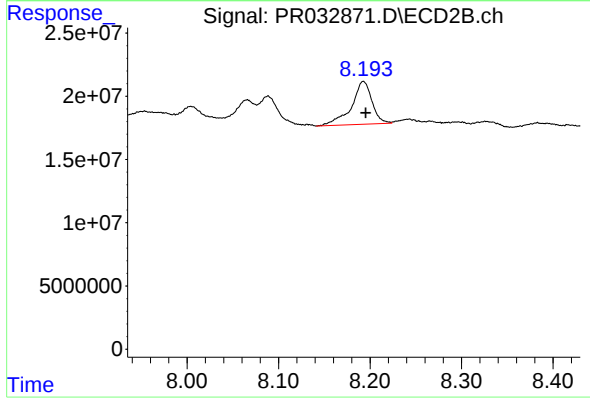
#43 AR-1268-3

R.T.: 7.905 min
Delta R.T.: -0.004 min
Response: 16713760
Conc: 2.29 ng/ml



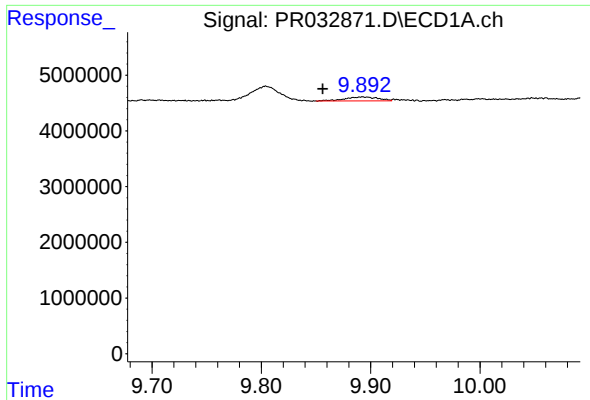
#44 AR-1268-4

R.T.: 9.448 min
Delta R.T.: 0.003 min
Response: 632549
Conc: 0.87 ng/ml



#44 AR-1268-4

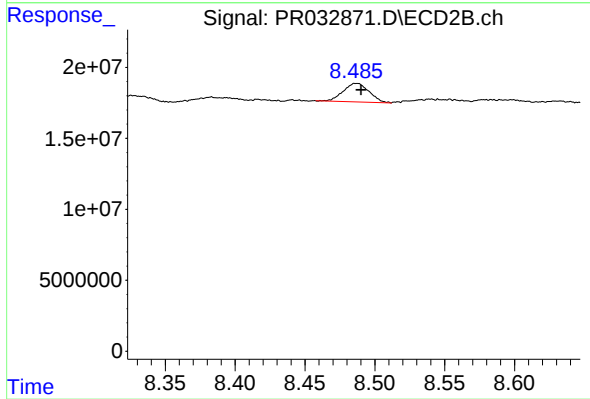
R.T.: 8.193 min
Delta R.T.: -0.003 min
Response: 52648677
Conc: 18.15 ng/ml



#45 AR-1268-5

R.T.: 9.893 min
Delta R.T.: 0.036 min
Response: 1532233
Conc: 0.28 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.487 min
Delta R.T.: -0.003 min
Response: 16813015
Conc: 0.76 ng/ml