

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR091118\
 Data File : PR031983.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Sep 2018 15:16
 Operator : SM\SJ
 Sample : J4821-05RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 12 01:06:45 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...	4.527	3.657	558.8E6	1351.2E6	28.505	36.649 #
2)	SA Decachlor...	10.272	8.516	408.7E6	271.9E6	12.707	10.384
Target Compounds							
3)	L1 AR-1016-1	5.171	4.336	1148870	31705248	2.136	28.967 #
4)	L1 AR-1016-2	5.381	4.700	12784514	8989391	22.603	5.272 #
5)	L1 AR-1016-3	5.686	4.740	1186122	15574218	1.344	5.371 #
6)	L1 AR-1016-4	5.750	4.811	7266620	2427284	9.278	1.306 #
7)	L1 AR-1016-5	6.159	5.140	1441636	27347494	2.152	15.843 #
9)	L2 AR-1221-2	4.832	3.950	6536978	15682626	36.797	50.250 #
10)	L2 AR-1221-3	4.946	3.990	1562882	1226637	2.817	1.188 #
11)	L3 AR-1232-1	5.713	4.510	3023519	10742151	5.762	19.253 #
12)	L3 AR-1232-2	0.000	4.597	0	18178301	N.D.	96.292 #
13)	L3 AR-1232-3	6.038	4.966	31597583	11902912	402.329	20.496 #
14)	L3 AR-1232-4	0.000	5.282	0	47102486	N.D.	64.543 #
15)	L3 AR-1232-5	7.247	5.849	44184944	34523414	812.224	311.425 #
16)	L4 AR-1242-1	0.000	4.336	0	31705248	N.D.	54.096 #
17)	L4 AR-1242-2	5.986	4.933	4585235	43849516	9.344	36.075 #
18)	L4 AR-1242-3	6.159	5.002	1441636	7919895	5.839	18.330 #
19)	L4 AR-1242-4	0.000	5.326	0	61983781	N.D.	150.147 #
20)	L4 AR-1242-5	0.000	5.742	0	29222532	N.D.	31.211 #
21)	L5 AR-1248-1	5.955	4.933	3396928	43849516	4.228	24.990 #
22)	L5 AR-1248-2	6.535	5.482	146.6E6	75422299	173.108	20.585 #
23)	L5 AR-1248-3	6.535	5.505	146.6E6	140.9E6	128.418	53.848 #
24)	L5 AR-1248-4	6.602	5.680	14598010	91549103	13.548	34.282 #
25)	L5 AR-1248-5	6.804	6.020	28140796	128.2E6	38.854	76.041 #
26)	L6 AR-1254-1	6.752	5.625	33677638	71576478	17.339	18.826
27)	L6 AR-1254-2	7.031	5.932	41426923	61839465	33.981	20.942 #
28)	L6 AR-1254-3	7.120	6.244	119.5E6	109.4E6	54.551	24.456 #
29)	L6 AR-1254-4	7.401	6.553	51757298	46537789	29.706	21.903 #
30)	L6 AR-1254-5	7.673	6.650	25436456	88903582	19.577	23.352
31)	L7 AR-1260-1	7.280	6.144	54411970	63172106	34.908	17.123 #
32)	L7 AR-1260-2	7.534	6.333	30011364	183.9E6	15.071	41.049 #
33)	L7 AR-1260-3	7.818	6.478	38115742	43232348	16.369	12.275 #
34)	L7 AR-1260-4	8.110	6.939	13179757	11694103	7.904	5.688 #
35)	L7 AR-1260-5	8.444	7.179	10989560	37690100	2.930	8.634 #
36)	L8 AR-1262-1	7.176	6.020	23400216	128.2E6	27.645	64.091 #
37)	L8 AR-1262-2	7.952	6.737	4544387	9530092	5.336	6.336
38)	L8 AR-1262-3	8.205	7.031	3541895	19501252	4.703	15.974 #
39)	L8 AR-1262-4	8.837	7.453	5652387	7516835	2.659	4.488 #
40)	L8 AR-1262-5	9.514	8.008	12901742	3233382	8.445	2.554 #
41)	L9 AR-1268-1	7.895	6.679	7757038	21082948	8.503	12.917 #
42)	L9 AR-1268-2	8.110	7.517	13179757	14897320	10.485	3.708 #

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Integration File signal 1: autoint1.e
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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
43) L9	AR-1268-3	8.776	7.715	6902779	3732365	1.244	1.083
45) L9	AR-1268-5	9.934	8.284	10868271	4212980	0.893	0.442 #

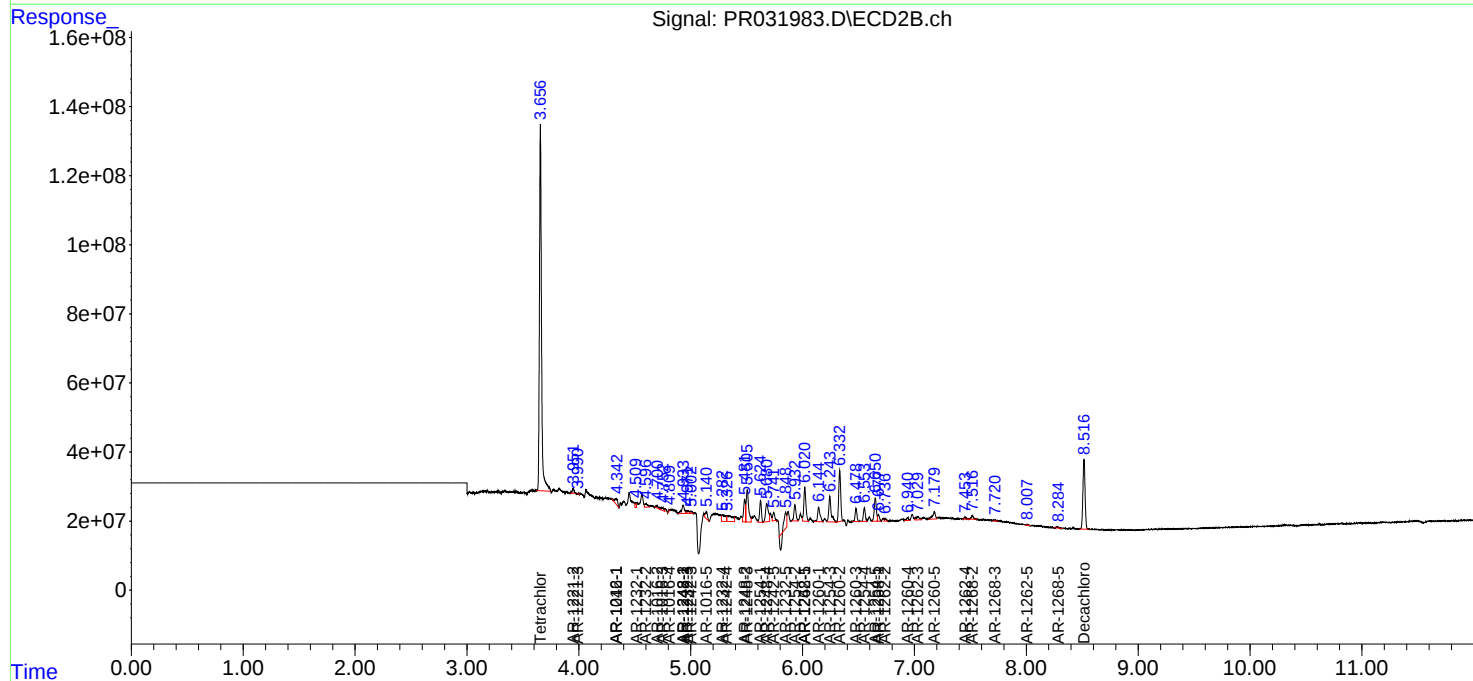
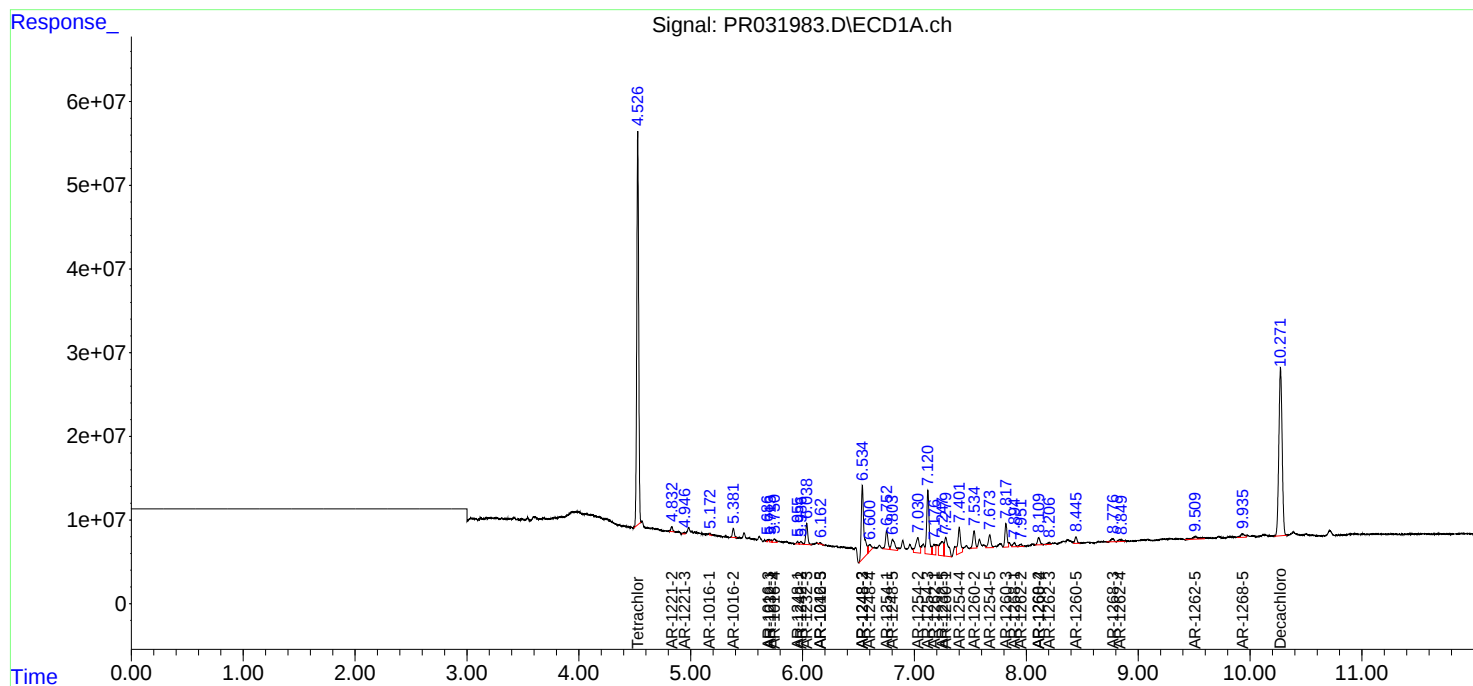
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

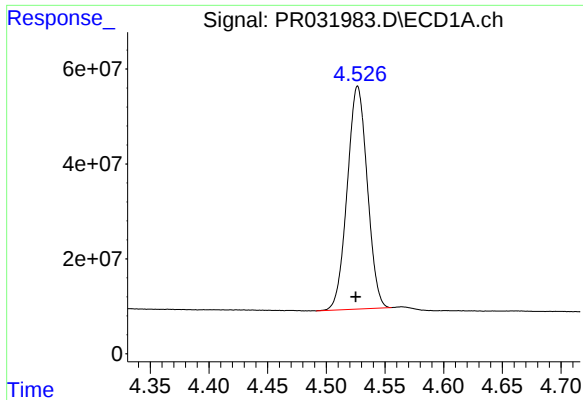
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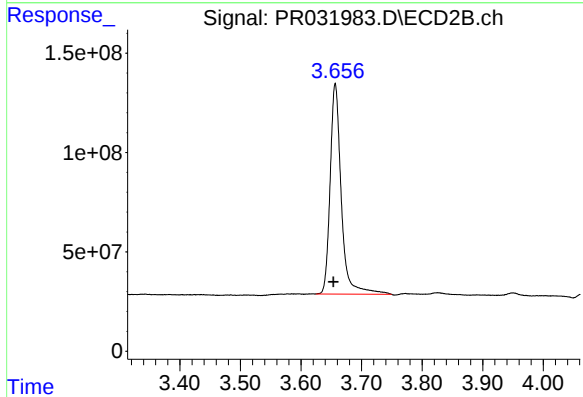




#1 Tetrachloro-m-xylene

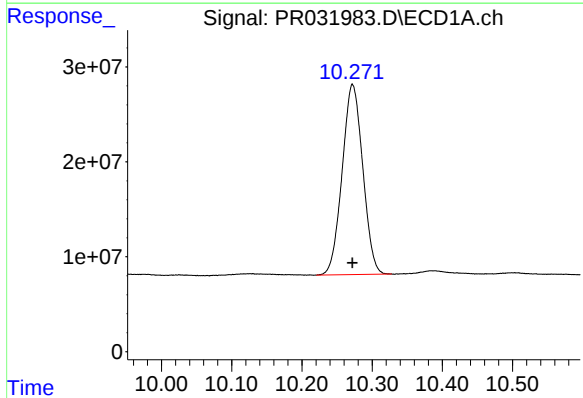
R.T.: 4.527 min
Delta R.T.: 0.002 min
Response: 558844411
Conc: 28.51 ng/ml

Instrument :
ECD_R
ClientSampleId :



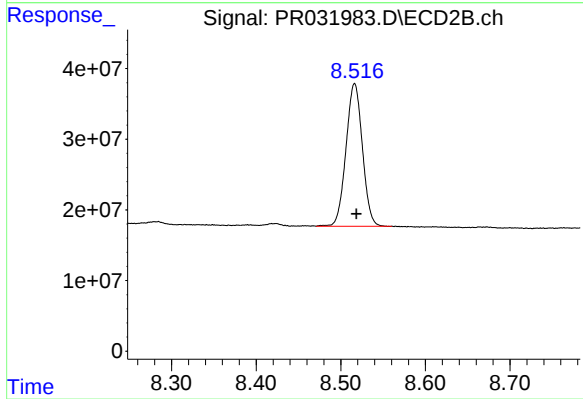
#1 Tetrachloro-m-xylene

R.T.: 3.657 min
Delta R.T.: 0.003 min
Response: 1351236080
Conc: 36.65 ng/ml



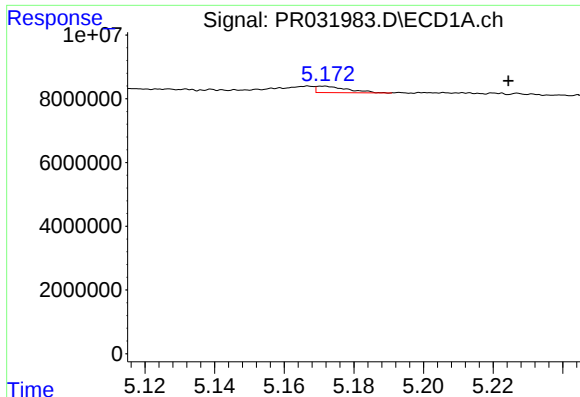
#2 Decachlorobiphenyl

R.T.: 10.272 min
Delta R.T.: 0.000 min
Response: 408706640
Conc: 12.71 ng/ml



#2 Decachlorobiphenyl

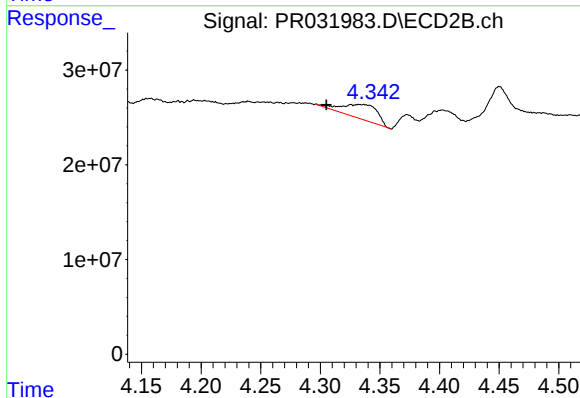
R.T.: 8.516 min
Delta R.T.: -0.002 min
Response: 271863893
Conc: 10.38 ng/ml



#3 AR-1016-1

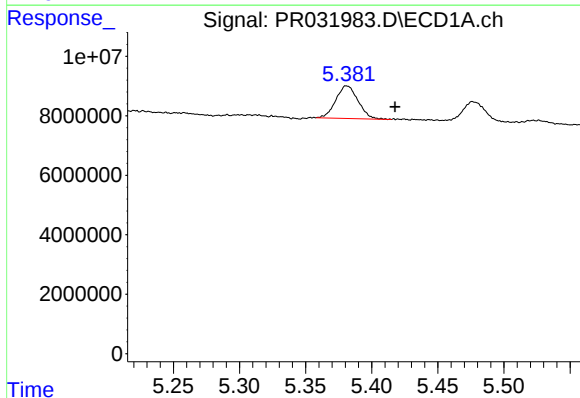
R.T.: 5.171 min
Delta R.T.: -0.053 min
Response: 1148870
Conc: 2.14 ng/ml

Instrument :
ECD_R
ClientSampleId :



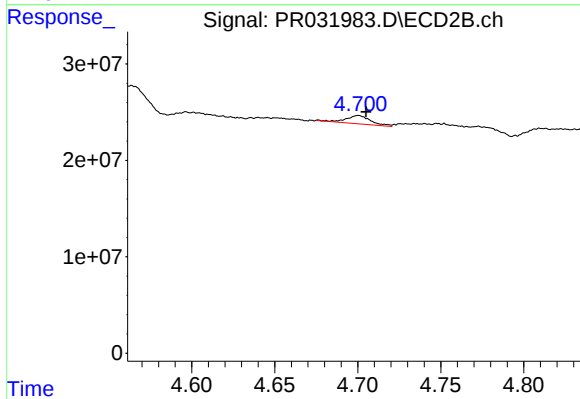
#3 AR-1016-1

R.T.: 4.336 min
Delta R.T.: 0.031 min
Response: 31705248
Conc: 28.97 ng/ml



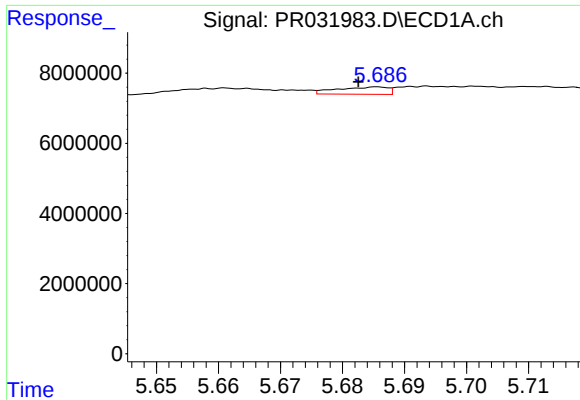
#4 AR-1016-2

R.T.: 5.381 min
Delta R.T.: -0.037 min
Response: 12784514
Conc: 22.60 ng/ml



#4 AR-1016-2

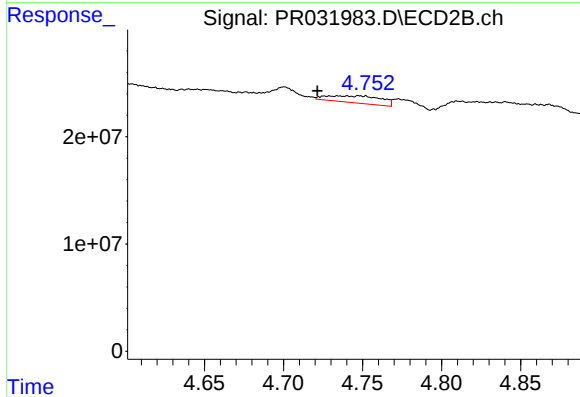
R.T.: 4.700 min
Delta R.T.: -0.005 min
Response: 8989391
Conc: 5.27 ng/ml



#5 AR-1016-3

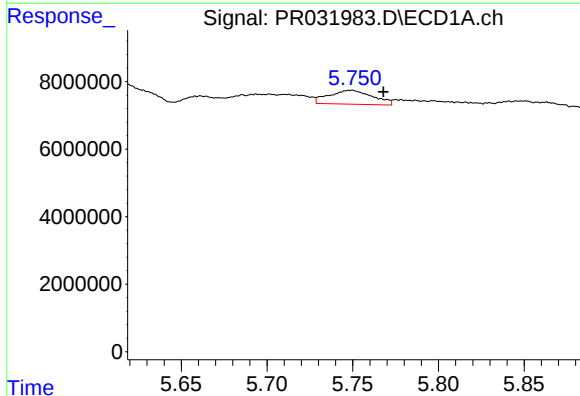
R.T.: 5.686 min
Delta R.T.: 0.003 min
Response: 1186122
Conc: 1.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



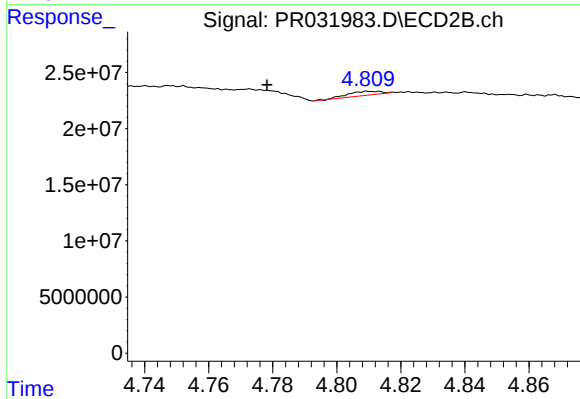
#5 AR-1016-3

R.T.: 4.740 min
Delta R.T.: 0.019 min
Response: 15574218
Conc: 5.37 ng/ml



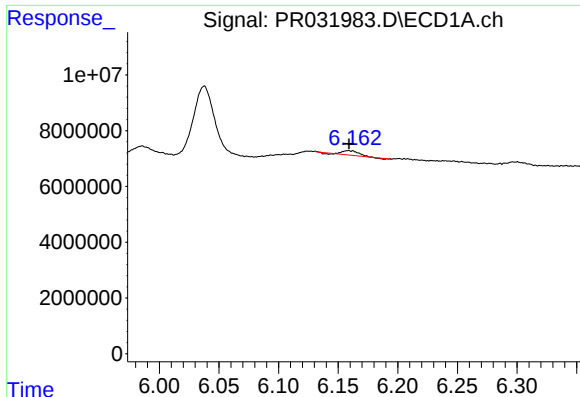
#6 AR-1016-4

R.T.: 5.750 min
Delta R.T.: -0.018 min
Response: 7266620
Conc: 9.28 ng/ml



#6 AR-1016-4

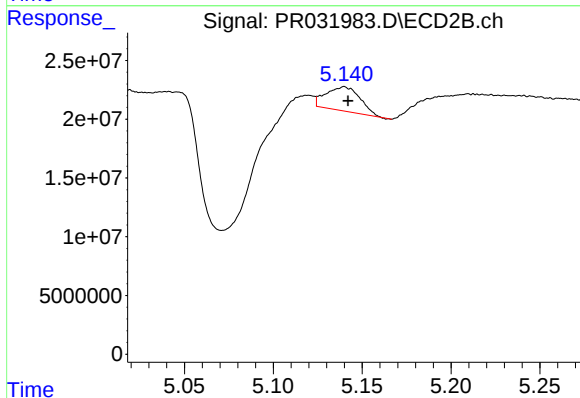
R.T.: 4.811 min
Delta R.T.: 0.033 min
Response: 2427284
Conc: 1.31 ng/ml



#7 AR-1016-5

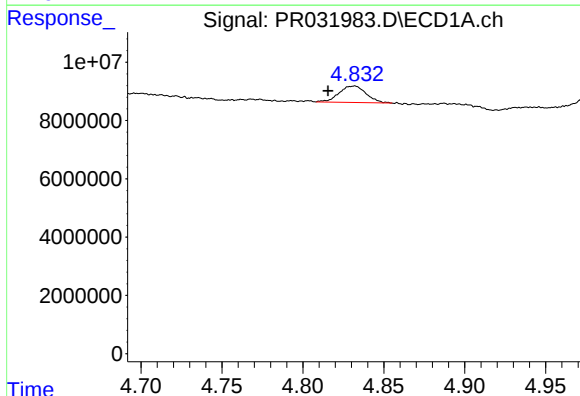
R.T.: 6.159 min
Delta R.T.: 0.000 min
Response: 1441636
Conc: 2.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



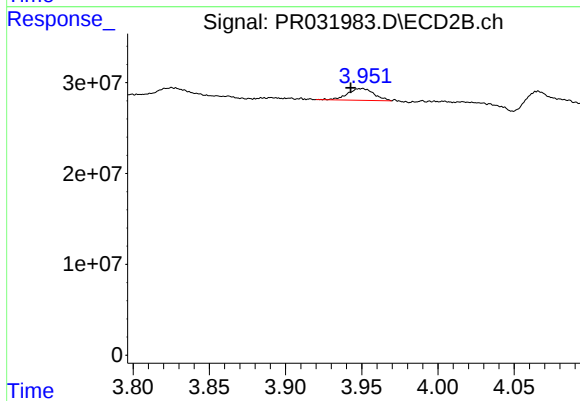
#7 AR-1016-5

R.T.: 5.140 min
Delta R.T.: -0.002 min
Response: 27347494
Conc: 15.84 ng/ml



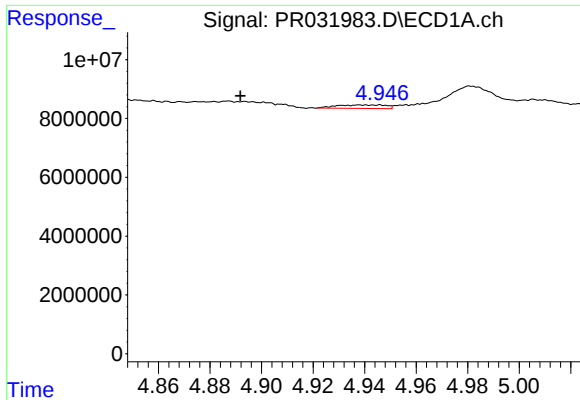
#9 AR-1221-2

R.T.: 4.832 min
Delta R.T.: 0.017 min
Response: 6536978
Conc: 36.80 ng/ml



#9 AR-1221-2

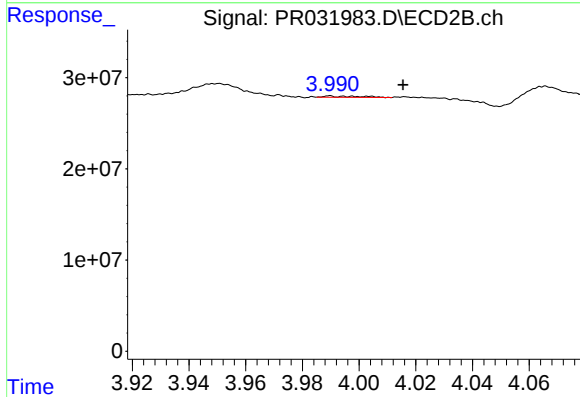
R.T.: 3.950 min
Delta R.T.: 0.007 min
Response: 15682626
Conc: 50.25 ng/ml



#10 AR-1221-3

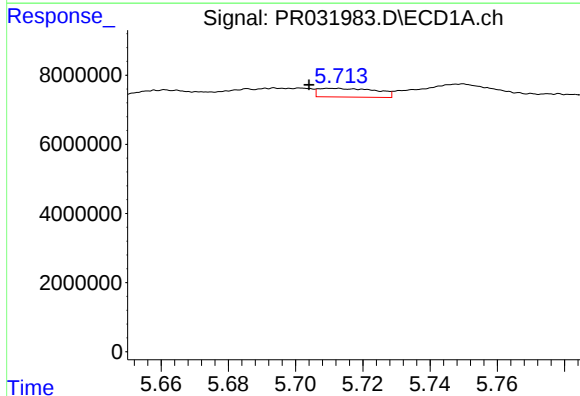
R.T.: 4.946 min
Delta R.T.: 0.054 min
Response: 1562882
Conc: 2.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



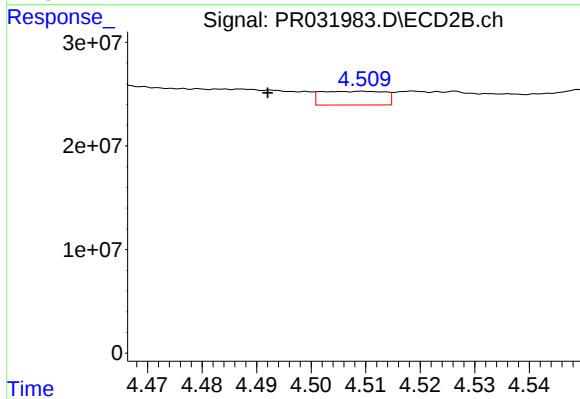
#10 AR-1221-3

R.T.: 3.990 min
Delta R.T.: -0.026 min
Response: 1226637
Conc: 1.19 ng/ml



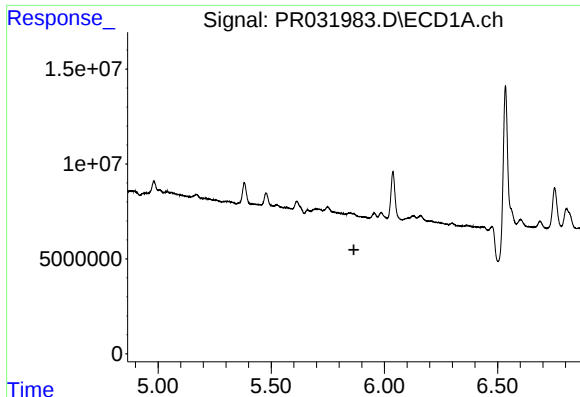
#11 AR-1232-1

R.T.: 5.713 min
Delta R.T.: 0.009 min
Response: 3023519
Conc: 5.76 ng/ml



#11 AR-1232-1

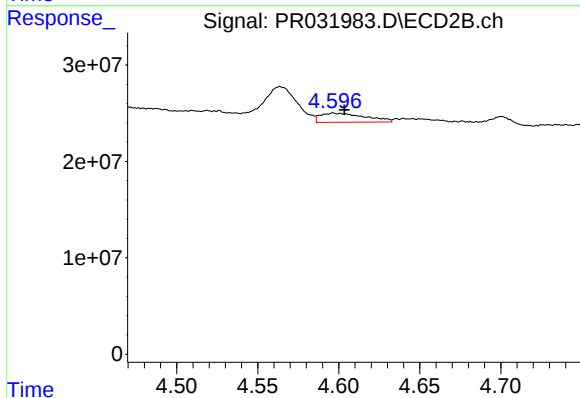
R.T.: 4.510 min
Delta R.T.: 0.017 min
Response: 10742151
Conc: 19.25 ng/ml



#12 AR-1232-2

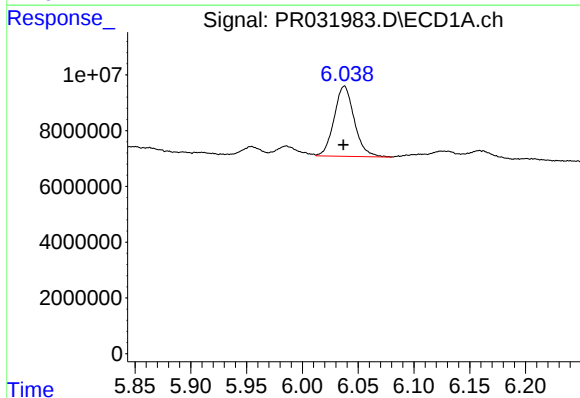
R.T.: 0.000 min
Exp R.T.: 5.865 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



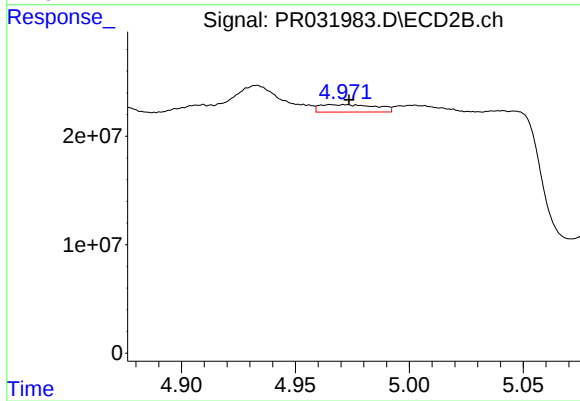
#12 AR-1232-2

R.T.: 4.597 min
Delta R.T.: -0.007 min
Response: 18178301
Conc: 96.29 ng/ml



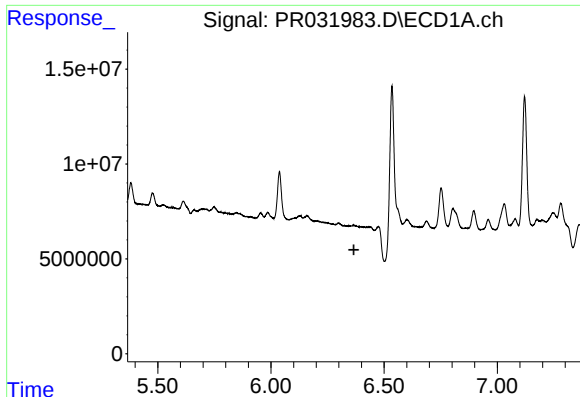
#13 AR-1232-3

R.T.: 6.038 min
Delta R.T.: 0.001 min
Response: 31597583
Conc: 402.33 ng/ml



#13 AR-1232-3

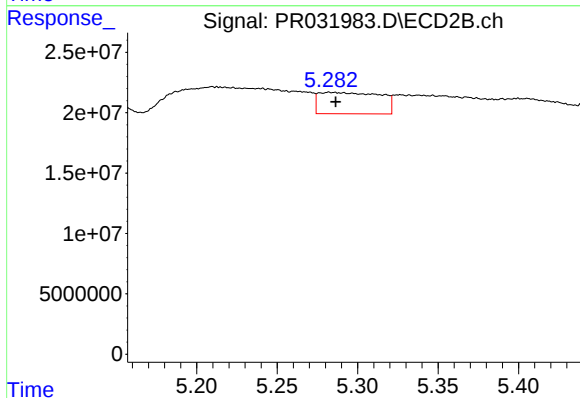
R.T.: 4.966 min
Delta R.T.: -0.008 min
Response: 11902912
Conc: 20.50 ng/ml



#14 AR-1232-4

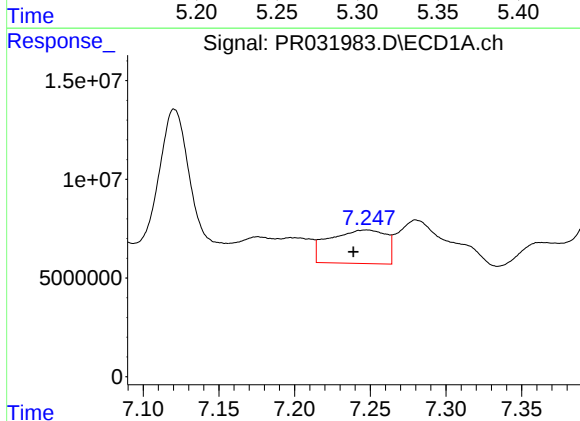
R.T.: 0.000 min
Exp R.T.: 6.366 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



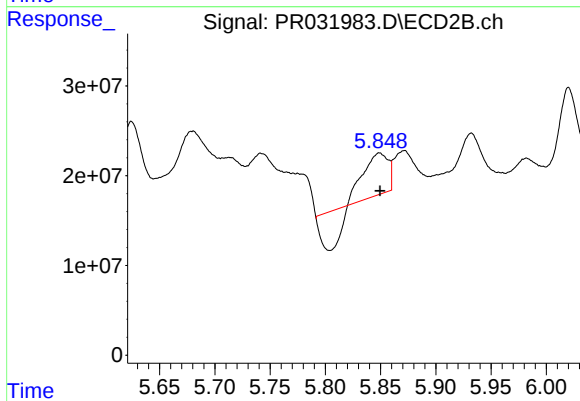
#14 AR-1232-4

R.T.: 5.282 min
Delta R.T.: -0.004 min
Response: 47102486
Conc: 64.54 ng/ml



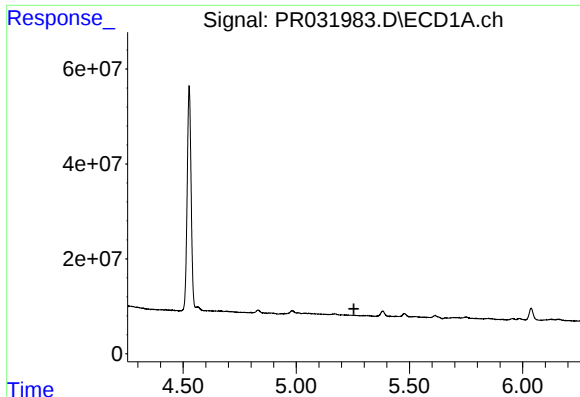
#15 AR-1232-5

R.T.: 7.247 min
Delta R.T.: 0.008 min
Response: 44184944
Conc: 812.22 ng/ml



#15 AR-1232-5

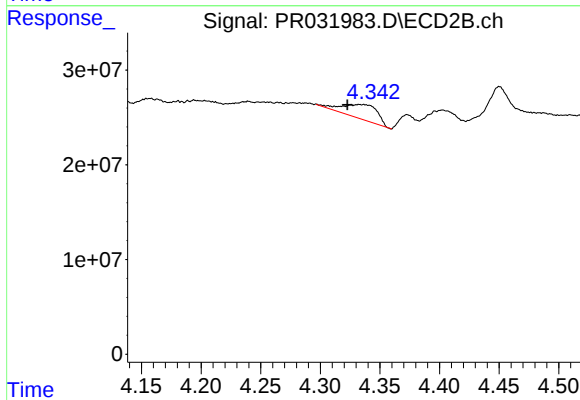
R.T.: 5.849 min
Delta R.T.: 0.000 min
Response: 34523414
Conc: 311.42 ng/ml



#16 AR-1242-1

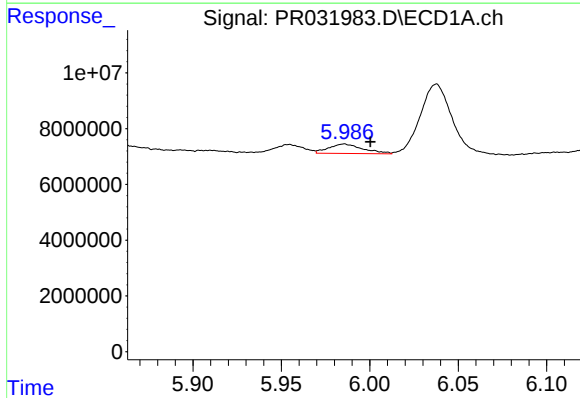
R.T.: 0.000 min
Exp R.T.: 5.254 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



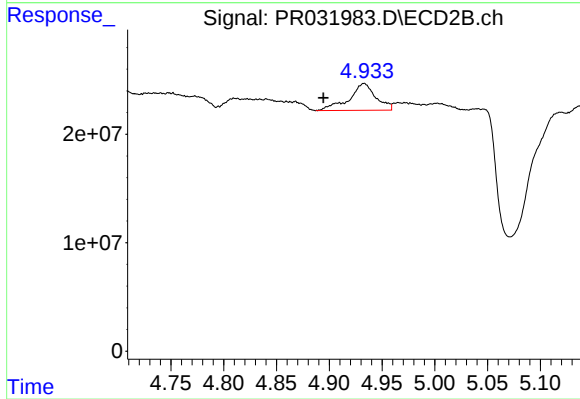
#16 AR-1242-1

R.T.: 4.336 min
Delta R.T.: 0.014 min
Response: 31705248
Conc: 54.10 ng/ml



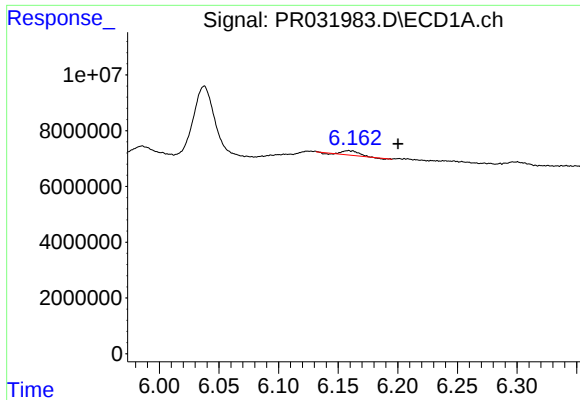
#17 AR-1242-2

R.T.: 5.986 min
Delta R.T.: -0.015 min
Response: 4585235
Conc: 9.34 ng/ml



#17 AR-1242-2

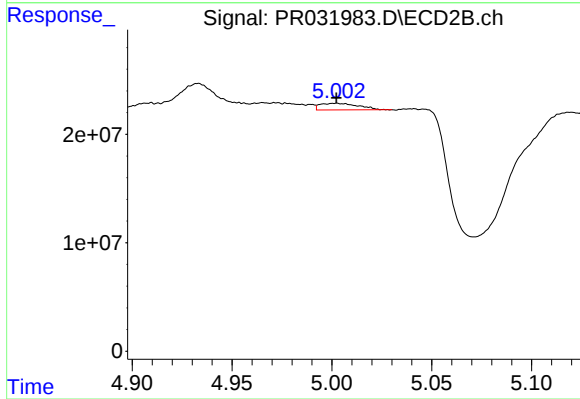
R.T.: 4.933 min
Delta R.T.: 0.039 min
Response: 43849516
Conc: 36.07 ng/ml



#18 AR-1242-3

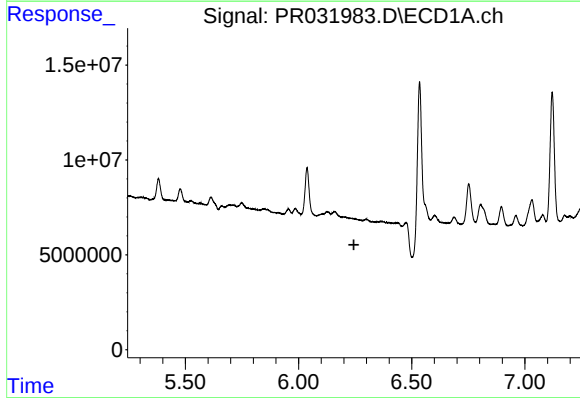
R.T.: 6.159 min
Delta R.T.: -0.041 min
Response: 1441636
Conc: 5.84 ng/ml

Instrument :
ECD_R
ClientSampleId :



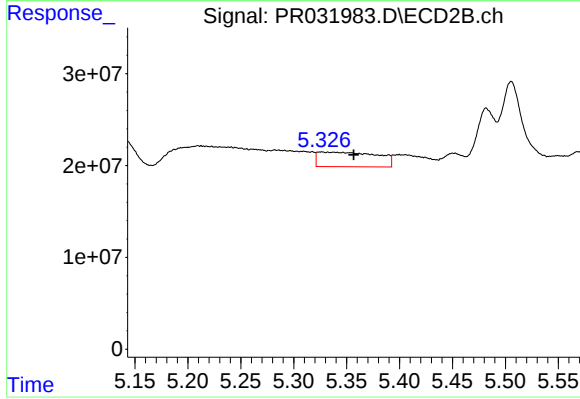
#18 AR-1242-3

R.T.: 5.002 min
Delta R.T.: 0.000 min
Response: 7919895
Conc: 18.33 ng/ml



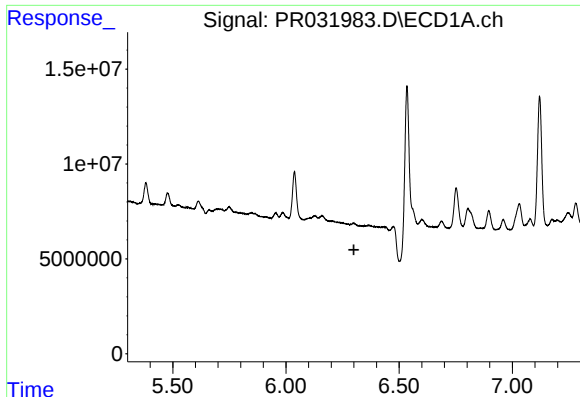
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 6.244 min
Response: 0
Conc: N.D.



#19 AR-1242-4

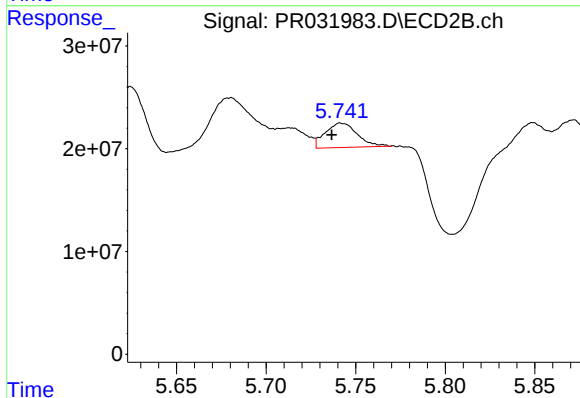
R.T.: 5.326 min
Delta R.T.: -0.030 min
Response: 61983781
Conc: 150.15 ng/ml



#20 AR-1242-5

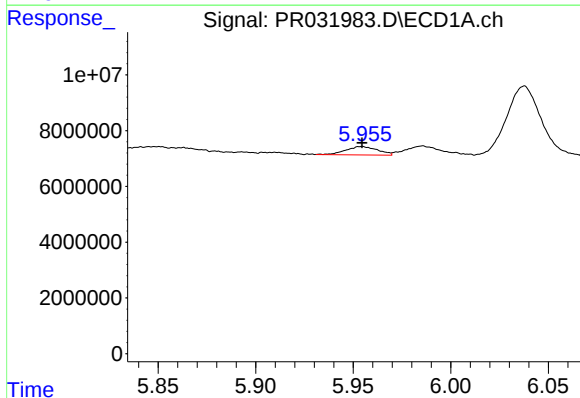
R.T.: 0.000 min
Exp R.T.: 6.300 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



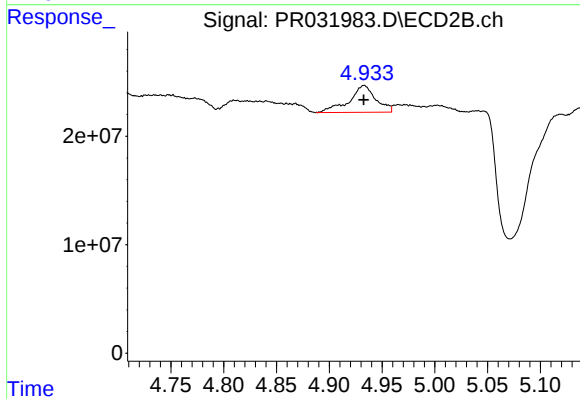
#20 AR-1242-5

R.T.: 5.742 min
Delta R.T.: 0.005 min
Response: 29222532
Conc: 31.21 ng/ml



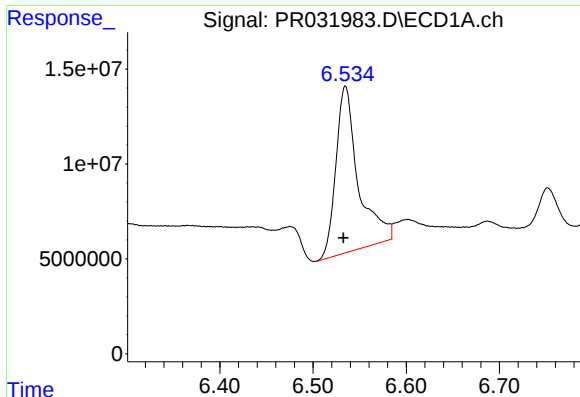
#21 AR-1248-1

R.T.: 5.955 min
Delta R.T.: 0.000 min
Response: 3396928
Conc: 4.23 ng/ml



#21 AR-1248-1

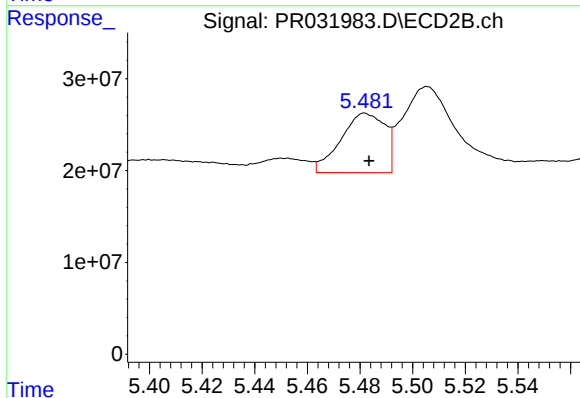
R.T.: 4.933 min
Delta R.T.: 0.000 min
Response: 43849516
Conc: 24.99 ng/ml



#22 AR-1248-2

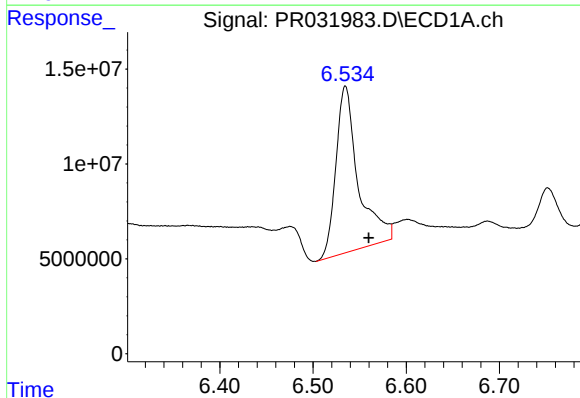
R.T.: 6.535 min
Delta R.T.: 0.002 min
Response: 146560502
Conc: 173.11 ng/ml

Instrument :
ECD_R
ClientSampleId :



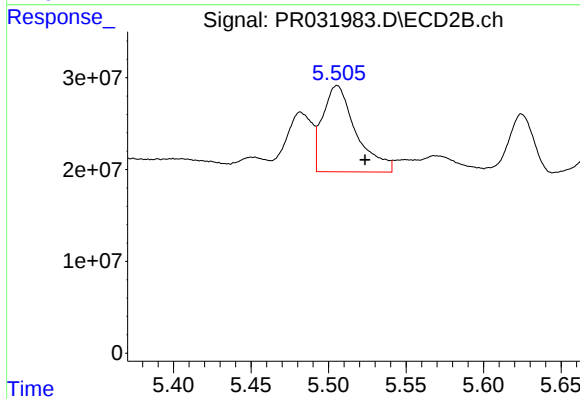
#22 AR-1248-2

R.T.: 5.482 min
Delta R.T.: -0.001 min
Response: 75422299
Conc: 20.58 ng/ml



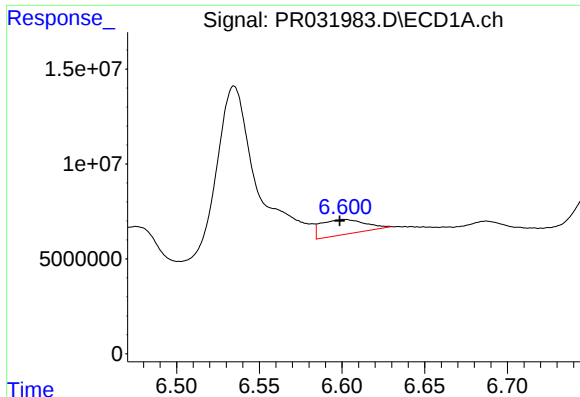
#23 AR-1248-3

R.T.: 6.535 min
Delta R.T.: -0.025 min
Response: 146560502
Conc: 128.42 ng/ml



#23 AR-1248-3

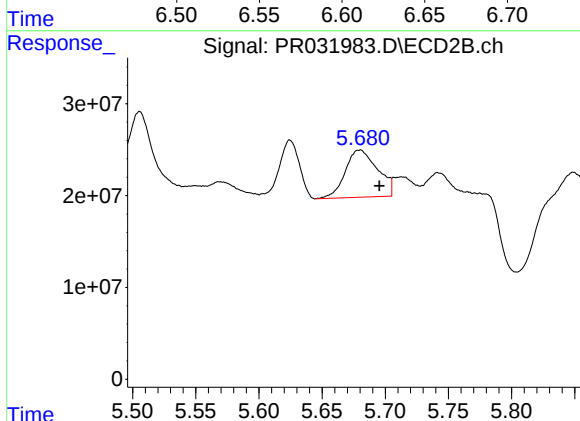
R.T.: 5.505 min
Delta R.T.: -0.018 min
Response: 140875403
Conc: 53.85 ng/ml



#24 AR-1248-4

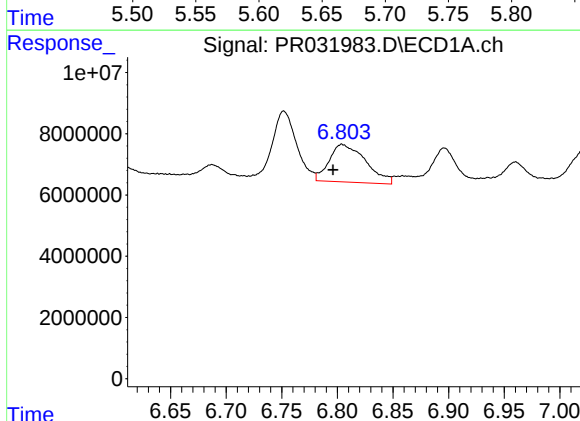
R.T.: 6.602 min
Delta R.T.: 0.003 min
Response: 14598010
Conc: 13.55 ng/ml

Instrument :
ECD_R
ClientSampleId :



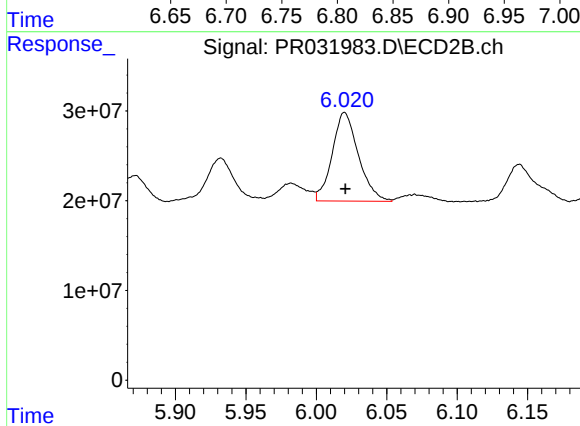
#24 AR-1248-4

R.T.: 5.680 min
Delta R.T.: -0.015 min
Response: 91549103
Conc: 34.28 ng/ml



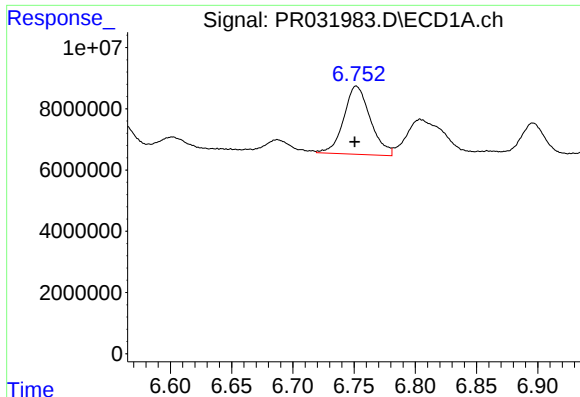
#25 AR-1248-5

R.T.: 6.804 min
Delta R.T.: 0.008 min
Response: 28140796
Conc: 38.85 ng/ml



#25 AR-1248-5

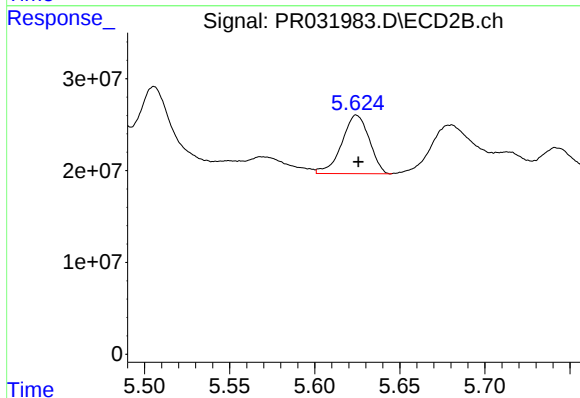
R.T.: 6.020 min
Delta R.T.: 0.000 min
Response: 128232425
Conc: 76.04 ng/ml



#26 AR-1254-1

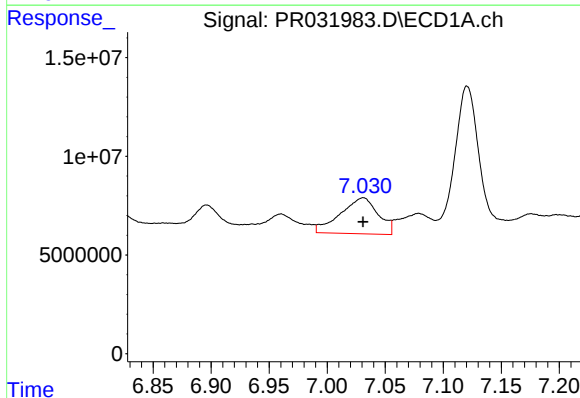
R.T.: 6.752 min
Delta R.T.: 0.001 min
Response: 33677638
Conc: 17.34 ng/ml

Instrument :
ECD_R
ClientSampleId :



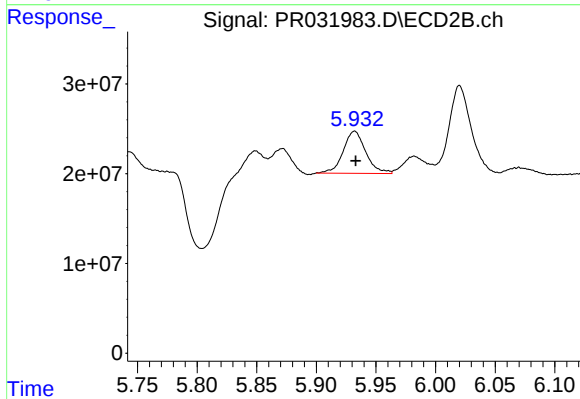
#26 AR-1254-1

R.T.: 5.625 min
Delta R.T.: -0.001 min
Response: 71576478
Conc: 18.83 ng/ml



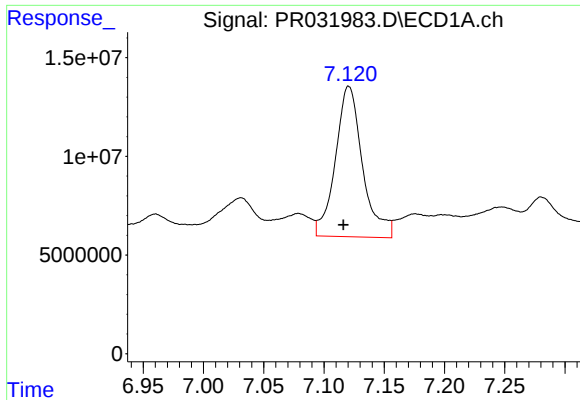
#27 AR-1254-2

R.T.: 7.031 min
Delta R.T.: 0.000 min
Response: 41426923
Conc: 33.98 ng/ml



#27 AR-1254-2

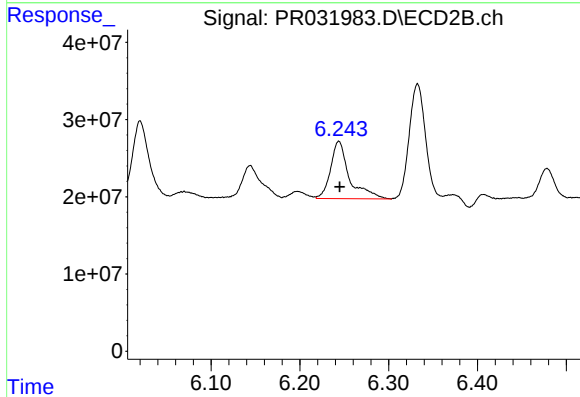
R.T.: 5.932 min
Delta R.T.: 0.000 min
Response: 61839465
Conc: 20.94 ng/ml



#28 AR-1254-3

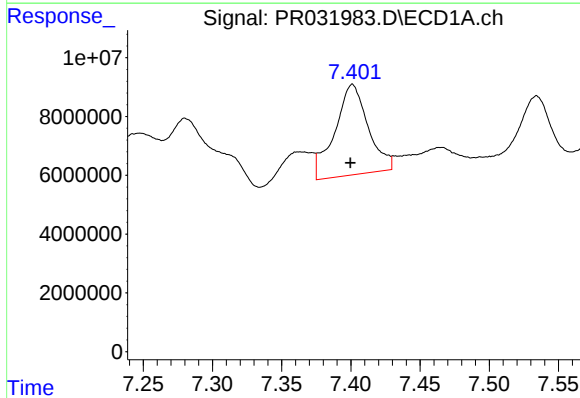
R.T.: 7.120 min
Delta R.T.: 0.004 min
Response: 119526859
Conc: 54.55 ng/ml

Instrument :
ECD_R
ClientSampleId :



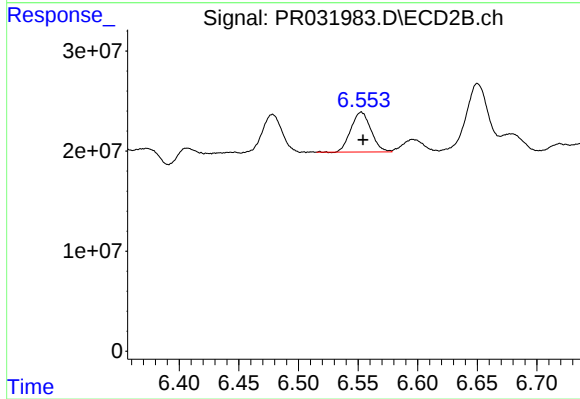
#28 AR-1254-3

R.T.: 6.244 min
Delta R.T.: -0.001 min
Response: 109415207
Conc: 24.46 ng/ml



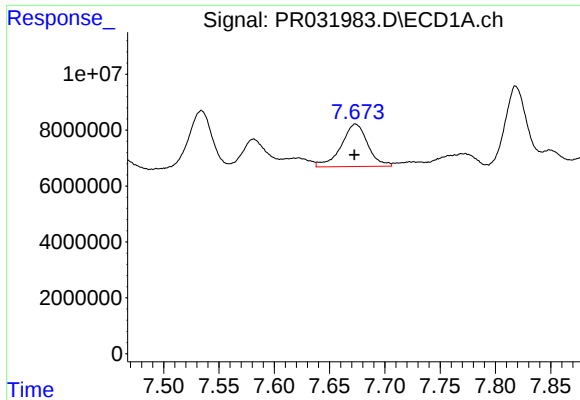
#29 AR-1254-4

R.T.: 7.401 min
Delta R.T.: 0.002 min
Response: 51757298
Conc: 29.71 ng/ml



#29 AR-1254-4

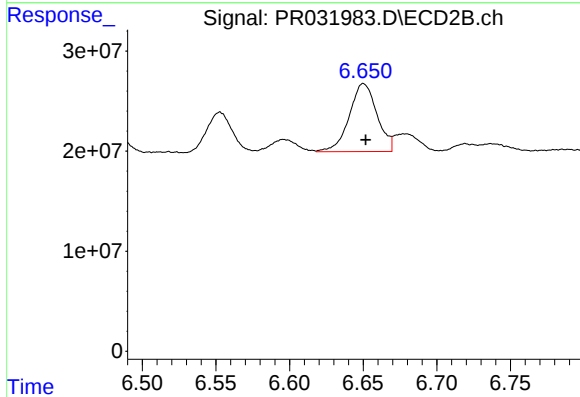
R.T.: 6.553 min
Delta R.T.: -0.001 min
Response: 46537789
Conc: 21.90 ng/ml



#30 AR-1254-5

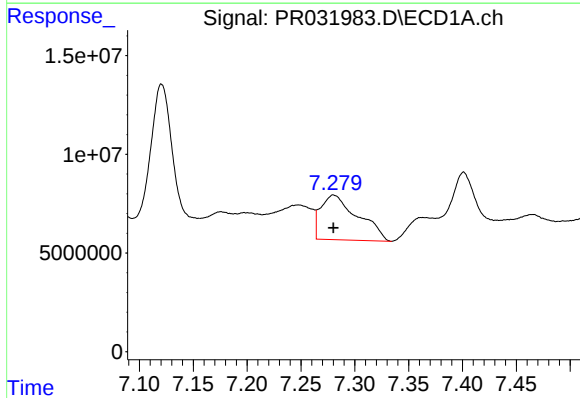
R.T.: 7.673 min
Delta R.T.: 0.000 min
Response: 25436456
Conc: 19.58 ng/ml

Instrument :
ECD_R
ClientSampleId :



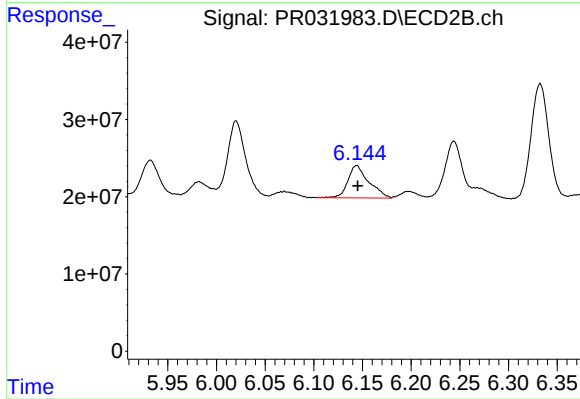
#30 AR-1254-5

R.T.: 6.650 min
Delta R.T.: -0.002 min
Response: 88903582
Conc: 23.35 ng/ml



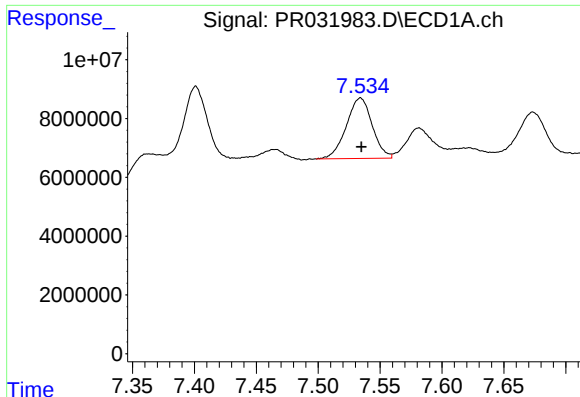
#31 AR-1260-1

R.T.: 7.280 min
Delta R.T.: 0.000 min
Response: 54411970
Conc: 34.91 ng/ml



#31 AR-1260-1

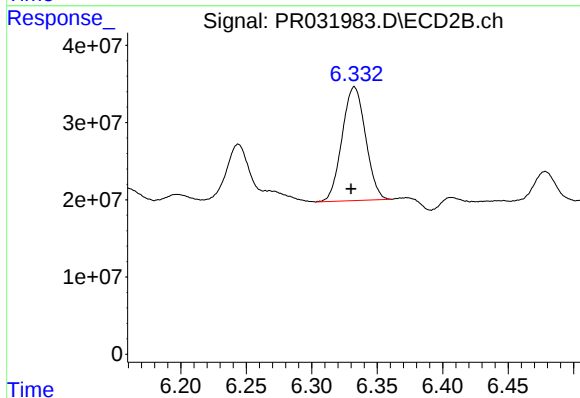
R.T.: 6.144 min
Delta R.T.: -0.001 min
Response: 63172106
Conc: 17.12 ng/ml



#32 AR-1260-2

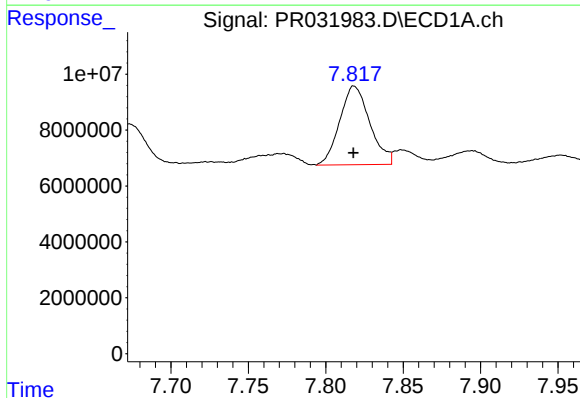
R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 30011364
Conc: 15.07 ng/ml

Instrument :
ECD_R
ClientSampleId :



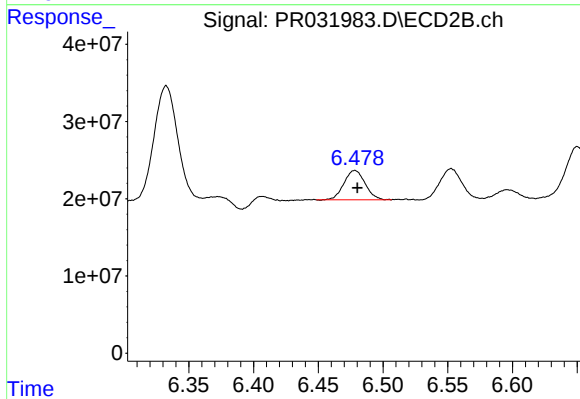
#32 AR-1260-2

R.T.: 6.333 min
Delta R.T.: 0.002 min
Response: 183935536
Conc: 41.05 ng/ml



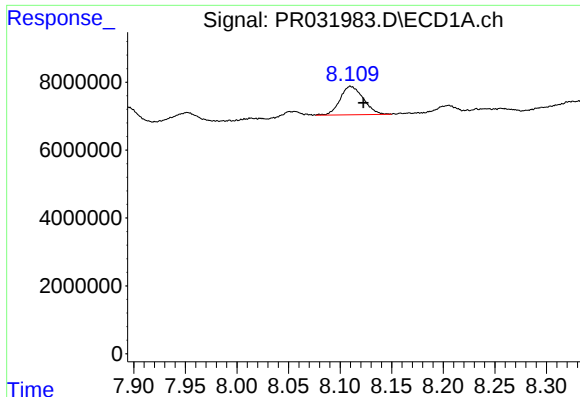
#33 AR-1260-3

R.T.: 7.818 min
Delta R.T.: 0.000 min
Response: 38115742
Conc: 16.37 ng/ml



#33 AR-1260-3

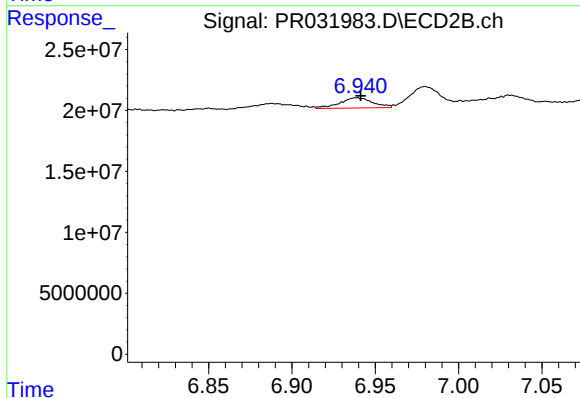
R.T.: 6.478 min
Delta R.T.: -0.002 min
Response: 43232348
Conc: 12.28 ng/ml



#34 AR-1260-4

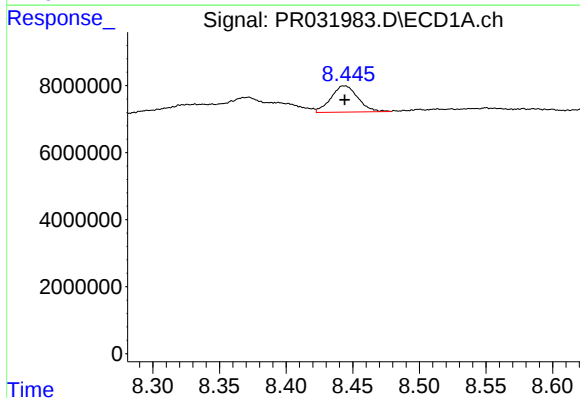
R.T.: 8.110 min
Delta R.T.: -0.013 min
Response: 13179757
Conc: 7.90 ng/ml

Instrument :
ECD_R
ClientSampleId :



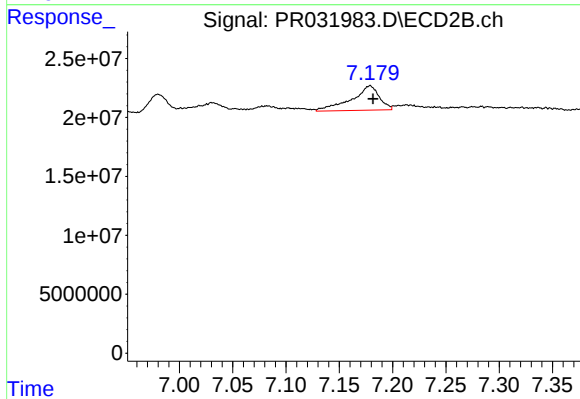
#34 AR-1260-4

R.T.: 6.939 min
Delta R.T.: -0.003 min
Response: 11694103
Conc: 5.69 ng/ml



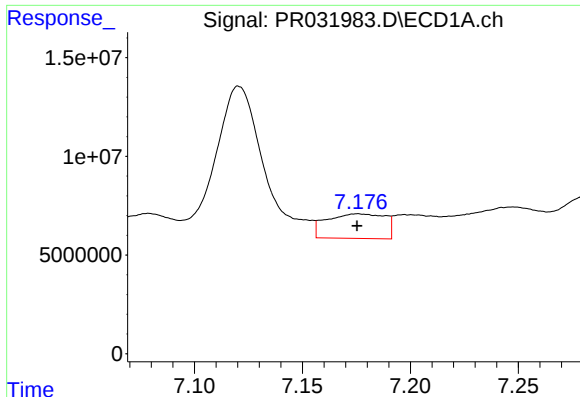
#35 AR-1260-5

R.T.: 8.444 min
Delta R.T.: 0.000 min
Response: 10989560
Conc: 2.93 ng/ml



#35 AR-1260-5

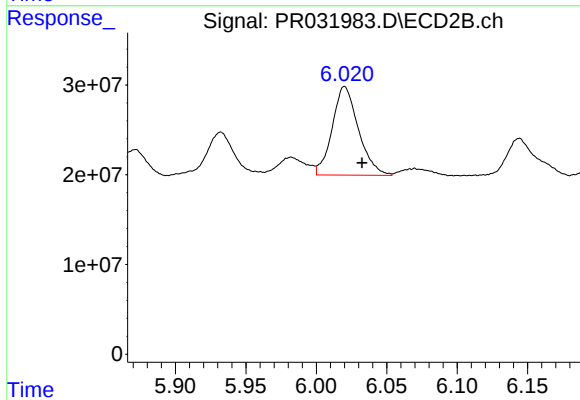
R.T.: 7.179 min
Delta R.T.: -0.003 min
Response: 37690100
Conc: 8.63 ng/ml



#36 AR-1262-1

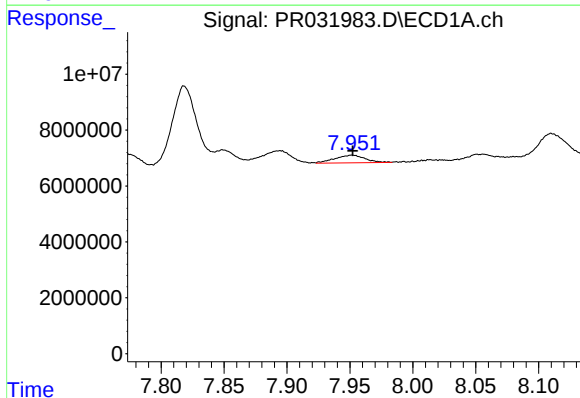
R.T.: 7.176 min
Delta R.T.: 0.000 min
Response: 23400216
Conc: 27.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



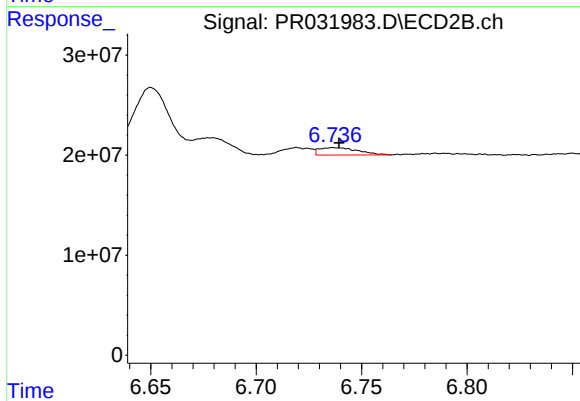
#36 AR-1262-1

R.T.: 6.020 min
Delta R.T.: -0.012 min
Response: 128232425
Conc: 64.09 ng/ml



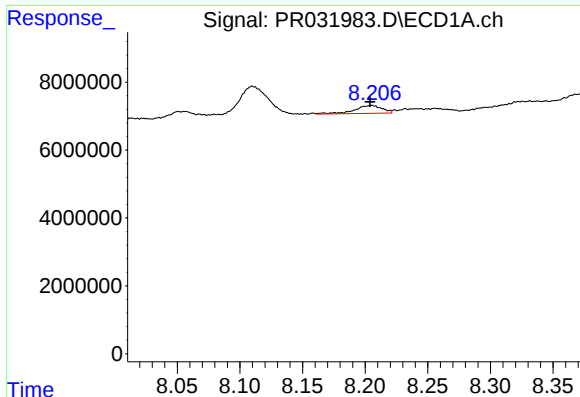
#37 AR-1262-2

R.T.: 7.952 min
Delta R.T.: 0.000 min
Response: 4544387
Conc: 5.34 ng/ml



#37 AR-1262-2

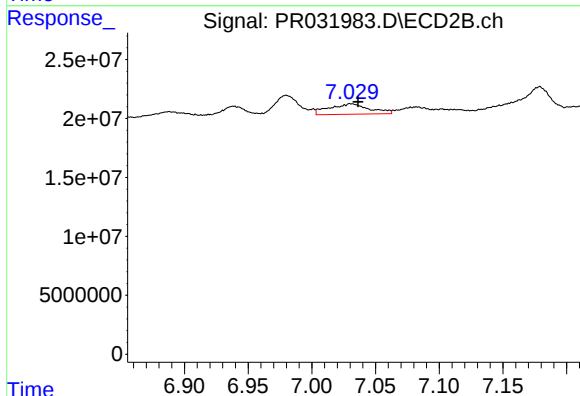
R.T.: 6.737 min
Delta R.T.: -0.003 min
Response: 9530092
Conc: 6.34 ng/ml



#38 AR-1262-3

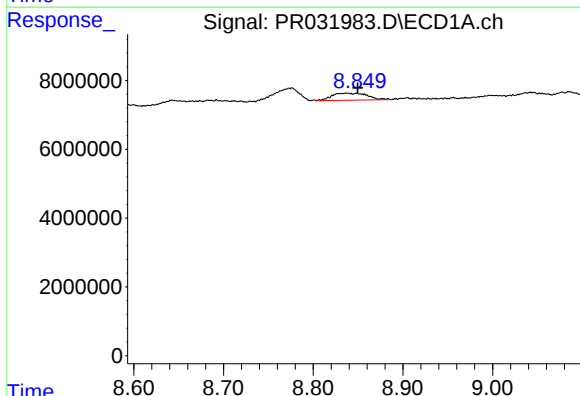
R.T.: 8.205 min
Delta R.T.: 0.001 min
Response: 3541895
Conc: 4.70 ng/ml

Instrument :
ECD_R
ClientSampleId :



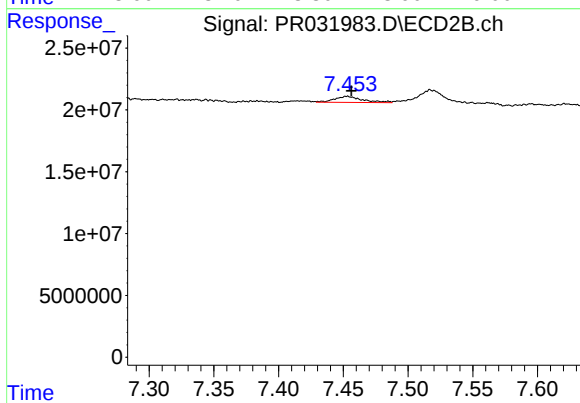
#38 AR-1262-3

R.T.: 7.031 min
Delta R.T.: -0.006 min
Response: 19501252
Conc: 15.97 ng/ml



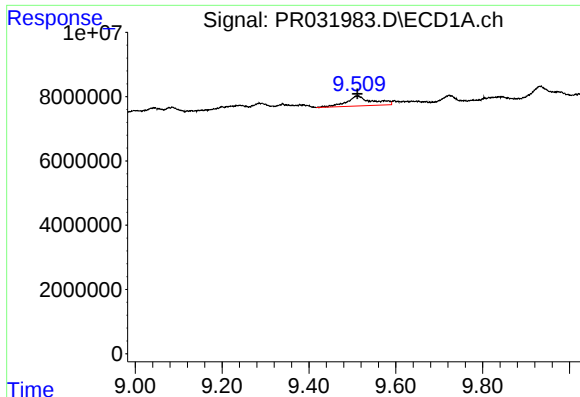
#39 AR-1262-4

R.T.: 8.837 min
Delta R.T.: -0.012 min
Response: 5652387
Conc: 2.66 ng/ml



#39 AR-1262-4

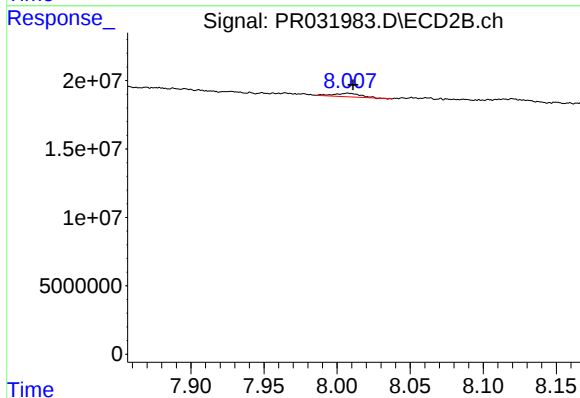
R.T.: 7.453 min
Delta R.T.: -0.003 min
Response: 7516835
Conc: 4.49 ng/ml



#40 AR-1262-5

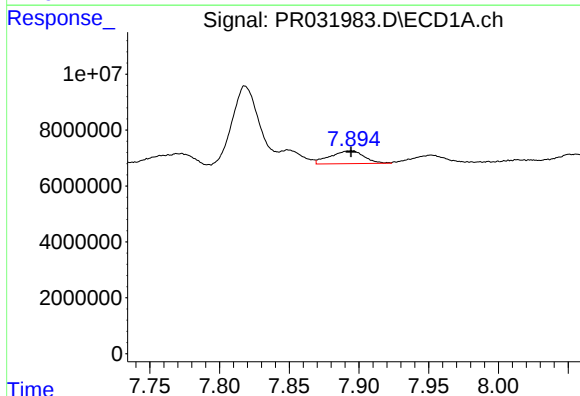
R.T.: 9.514 min
Delta R.T.: 0.002 min
Response: 12901742
Conc: 8.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



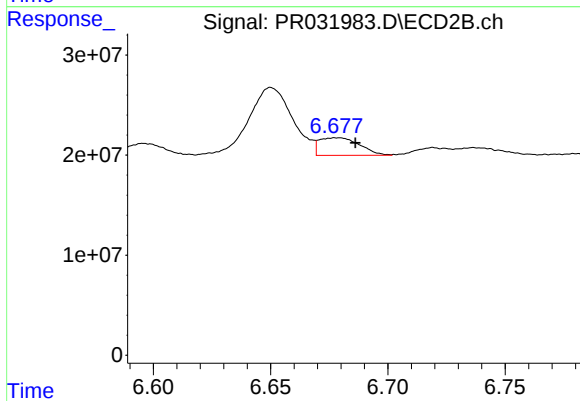
#40 AR-1262-5

R.T.: 8.008 min
Delta R.T.: -0.003 min
Response: 3233382
Conc: 2.55 ng/ml



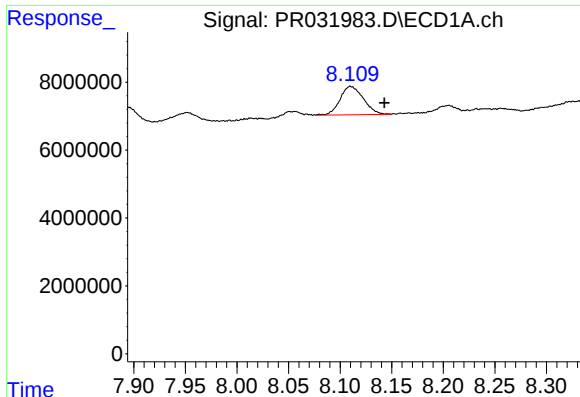
#41 AR-1268-1

R.T.: 7.895 min
Delta R.T.: 0.000 min
Response: 7757038
Conc: 8.50 ng/ml



#41 AR-1268-1

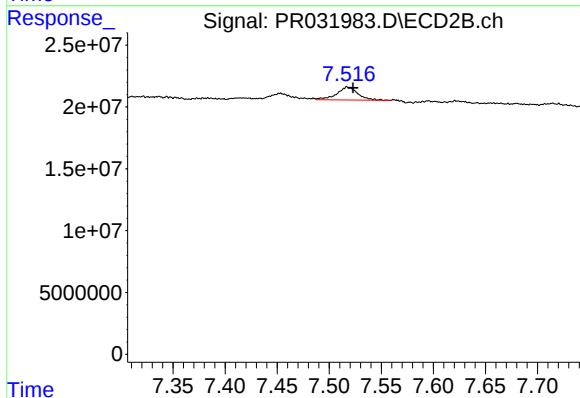
R.T.: 6.679 min
Delta R.T.: -0.008 min
Response: 21082948
Conc: 12.92 ng/ml



#42 AR-1268-2

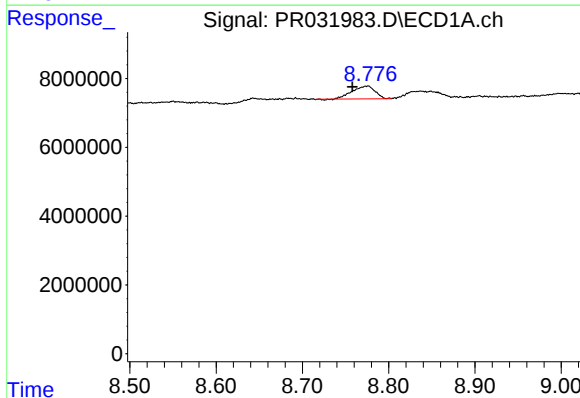
R.T.: 8.110 min
Delta R.T.: -0.033 min
Response: 13179757
Conc: 10.48 ng/ml

Instrument :
ECD_R
ClientSampleId :



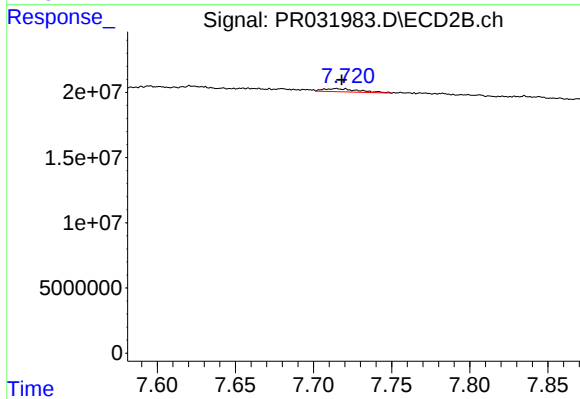
#42 AR-1268-2

R.T.: 7.517 min
Delta R.T.: -0.006 min
Response: 14897320
Conc: 3.71 ng/ml



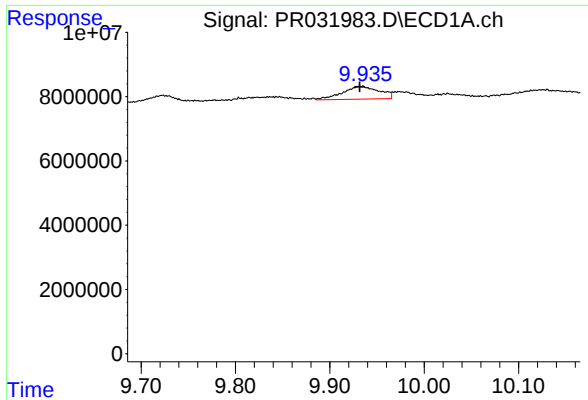
#43 AR-1268-3

R.T.: 8.776 min
Delta R.T.: 0.018 min
Response: 6902779
Conc: 1.24 ng/ml



#43 AR-1268-3

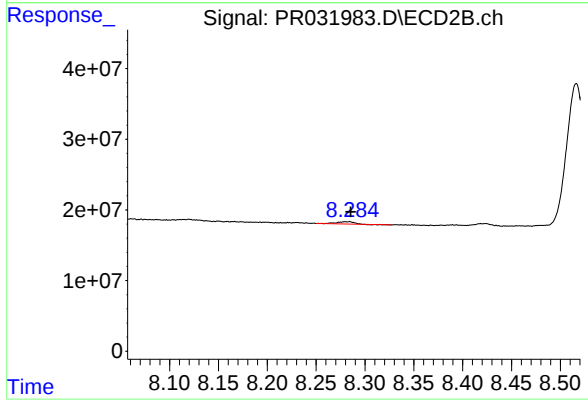
R.T.: 7.715 min
Delta R.T.: -0.003 min
Response: 3732365
Conc: 1.08 ng/ml



#45 AR-1268-5

R.T.: 9.934 min
Delta R.T.: 0.003 min
Response: 10868271
Conc: 0.89 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.284 min
Delta R.T.: -0.001 min
Response: 4212980
Conc: 0.44 ng/ml