

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR072721\
 Data File : PR051381.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Jul 2021 01:32
 Operator : AJ\MA
 Sample : M2940-02
 Misc : AR1254 LOQ 50 PPB
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 28 03:17:19 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR072721.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 28 02:51:26 2021
 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...	4.629	3.809	157.2E6	145.3E6	19.239	19.544
2)	SA Decachlor...	10.502	8.830	217.5E6	166.5E6	22.645	20.828
Target Compounds							
3)	L1 AR-1016-1	5.807	4.896	766525	1296363	2.113	4.406 #
4)	L1 AR-1016-2	5.836	4.896f	358384	1296363	0.691	3.070 #
5)	L1 AR-1016-3	5.911	5.089	79649	374617	0.262	1.683 #
6)	L1 AR-1016-4	5.994	5.130	302779	11091092	1.178	65.485 #
7)	L1 AR-1016-5	6.290	5.343	6696321	5794118	27.028	26.209
8)	L2 AR-1221-1	0.000	4.030	0	701343	N.D.	9.554 #
9)	L2 AR-1221-2	4.939	4.110	3029925	2051807	45.049	34.789
10)	L2 AR-1221-3	5.013	0.000	619663	0	2.883	N.D. #
11)	L3 AR-1232-1	5.013	0.000	619663	0	3.432	N.D. #
12)	L3 AR-1232-2	5.542	4.896f	293345	1296363	3.018	7.733 #
13)	L3 AR-1232-3	5.836	5.089	358384	374617	1.714	4.299 #
14)	L3 AR-1232-4	5.994	5.171	302779	2880199	2.932	39.157 #
15)	L3 AR-1232-5	6.083	5.343	12303976	5794118	163.817	71.212 #
16)	L4 AR-1242-1	5.807	4.896	766525	1296363	2.995	6.255 #
17)	L4 AR-1242-2	5.836	4.896f	358384	1296363	0.948	4.275 #
18)	L4 AR-1242-3	5.911	5.089	79649	374617	0.362	2.347 #
19)	L4 AR-1242-4	5.994	5.171	302779	2880199	1.624	19.493 #
20)	L4 AR-1242-5	6.737	5.694	7934166	25049130	36.248	124.913 #
21)	L5 AR-1248-1	5.807	4.896	766525	1296363	3.635	7.599 #
22)	L5 AR-1248-2	6.083	5.130	12303976	11091092	42.024	48.424
23)	L5 AR-1248-3	6.290	5.171	6696321	2880199	20.038	12.099 #
24)	L5 AR-1248-4	6.696	5.343	12171188	5794118	29.277	20.194 #
25)	L5 AR-1248-5	6.737	5.735	7934166	2861690	19.890	9.337 #
26)	L6 AR-1254-1	6.667	5.694	22829260	25049130	64.410	60.985
27)	L6 AR-1254-2	6.885	5.841	36844801	22031188	65.547	63.330
28)	L6 AR-1254-3	7.256	6.243	38277029	36695274	63.938	60.898
29)	L6 AR-1254-4	7.543	6.470	33434672	23385711	68.015	62.287
30)	L6 AR-1254-5	7.962	6.886	31878076	32623660	67.286	63.153
31)	L7 AR-1260-1	7.417	6.373	18366480	17779675	38.493	43.137
32)	L7 AR-1260-2	7.673	6.559	21759302	14940364	34.452	29.553
33)	L7 AR-1260-3	8.024	6.711	5325129	14861344	10.650	30.351 #
34)	L7 AR-1260-4	8.261	7.183	13534176	1532039	26.427	3.748 #
35)	L7 AR-1260-5	8.603	7.422	4743069	3617624	4.115	3.452
36)	L8 AR-1262-1	8.024	6.886	5325129	32623660	8.111	117.958 #
37)	L8 AR-1262-2	8.603	7.422	4743069	3617624	3.948	3.562
38)	L8 AR-1262-3	8.952f	7.707	4963142	353951	6.509	0.962 #
39)	L8 AR-1262-4	9.001f	7.768	1065703	3632349	1.830	4.984 #
40)	L8 AR-1262-5	9.714	8.272	393658	809167	0.937	2.481 #
41)	L9 AR-1268-1	8.952f	7.707	4963142	353951	3.511	0.329 #

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 Acq On : 28 Jul 2021 01:32
 Operator : AJ\MA
 Sample : M2940-02
 Misc : AR1254 LOQ 50 PPB
 ALS Vial : 40 Sample Multiplier: 1

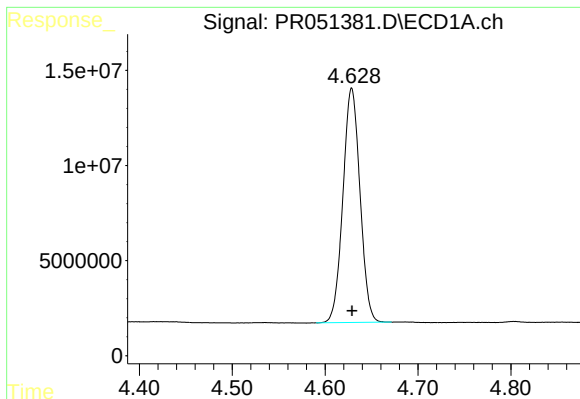
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 28 03:17:19 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR072721.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 28 02:51:26 2021
 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
42) L9	AR-1268-2	9.001f	7.768	1065703	3632349	0.835	3.648 #
43) L9	AR-1268-3	9.261	7.978	1916110	1082580	1.716	1.316
44) L9	AR-1268-4	9.714	8.272	393658	809167	0.868	2.280 #
45) L9	AR-1268-5	10.152	8.568	6006658	1940106	1.642	0.698 #

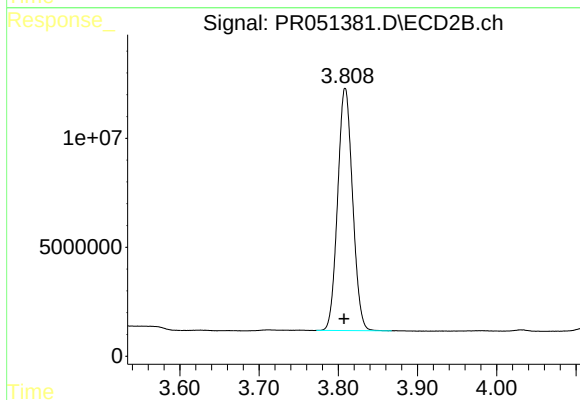
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

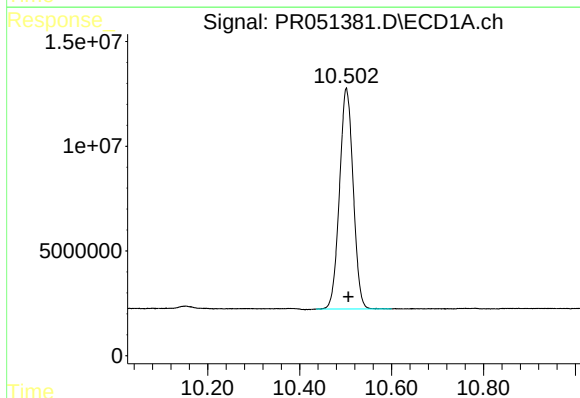
R.T.: 4.629 min
Delta R.T.: 0.000 min
Response: 157236297
Conc: 19.24 ng/ml

Instrument :
ECD_R
ClientSampleId :



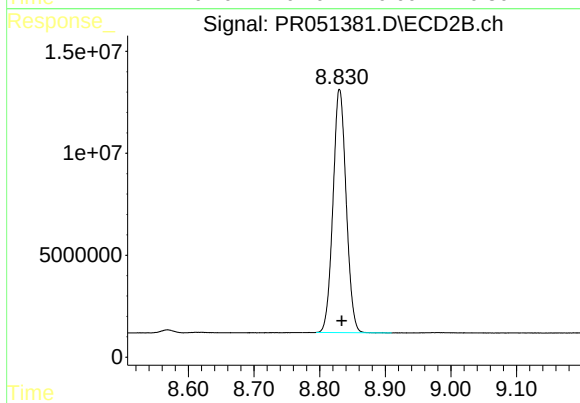
#1 Tetrachloro-m-xylene

R.T.: 3.809 min
Delta R.T.: 0.002 min
Response: 145325616
Conc: 19.54 ng/ml



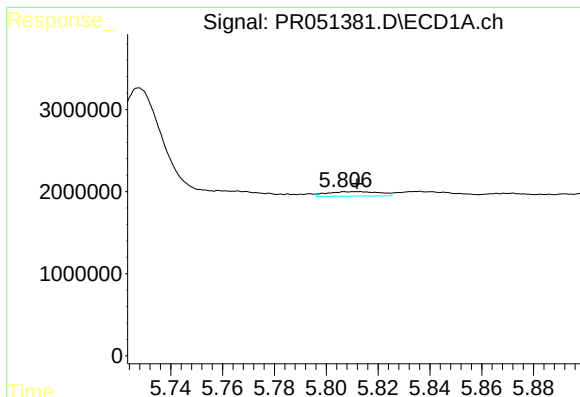
#2 Decachlorobiphenyl

R.T.: 10.502 min
Delta R.T.: -0.004 min
Response: 217516898
Conc: 22.65 ng/ml



#2 Decachlorobiphenyl

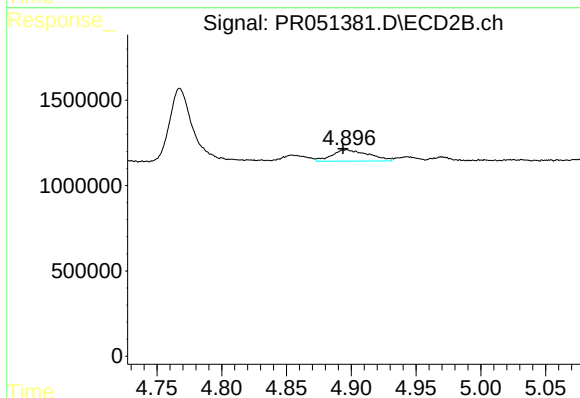
R.T.: 8.830 min
Delta R.T.: -0.003 min
Response: 166532062
Conc: 20.83 ng/ml



#3 AR-1016-1

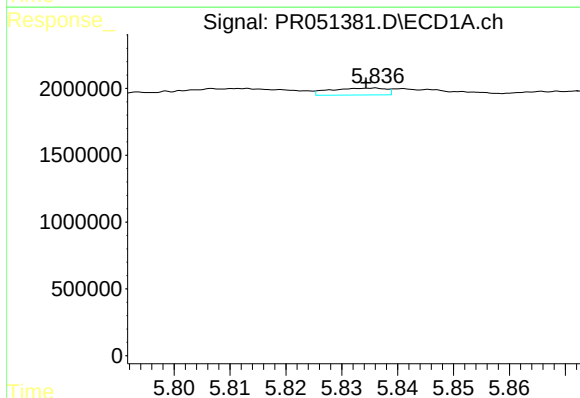
R.T.: 5.807 min
Delta R.T.: -0.005 min
Response: 766525
Conc: 2.11 ng/ml

Instrument :
ECD_R
ClientSampleId :



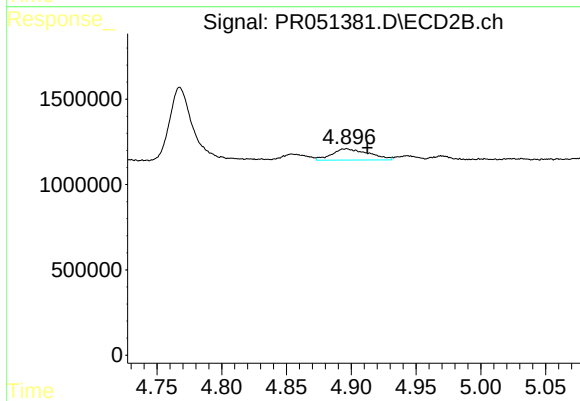
#3 AR-1016-1

R.T.: 4.896 min
Delta R.T.: 0.002 min
Response: 1296363
Conc: 4.41 ng/ml



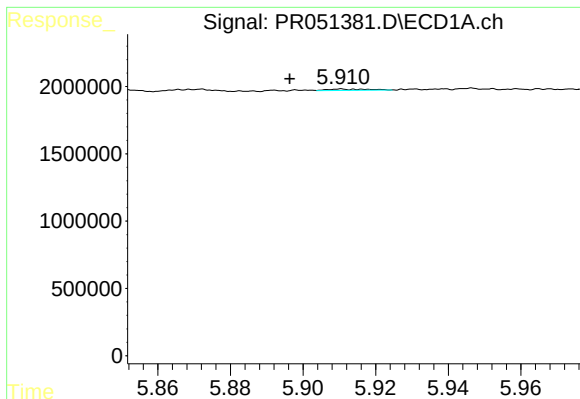
#4 AR-1016-2

R.T.: 5.836 min
Delta R.T.: 0.002 min
Response: 358384
Conc: 0.69 ng/ml



#4 AR-1016-2

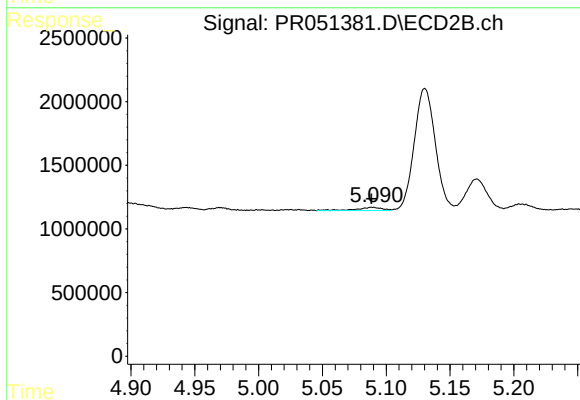
R.T.: 4.896 min
Delta R.T.: -0.016 min
Response: 1296363
Conc: 3.07 ng/ml



#5 AR-1016-3

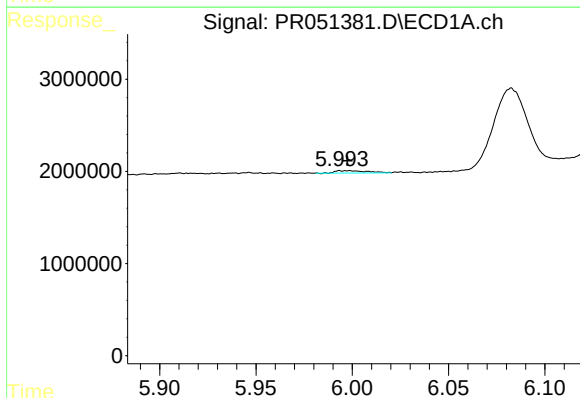
R.T.: 5.911 min
Delta R.T.: 0.014 min
Response: 79649
Conc: 0.26 ng/ml

Instrument :
ECD_R
ClientSampleId :



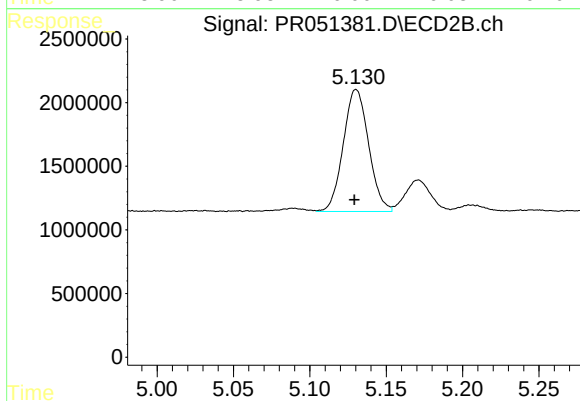
#5 AR-1016-3

R.T.: 5.089 min
Delta R.T.: 0.000 min
Response: 374617
Conc: 1.68 ng/ml



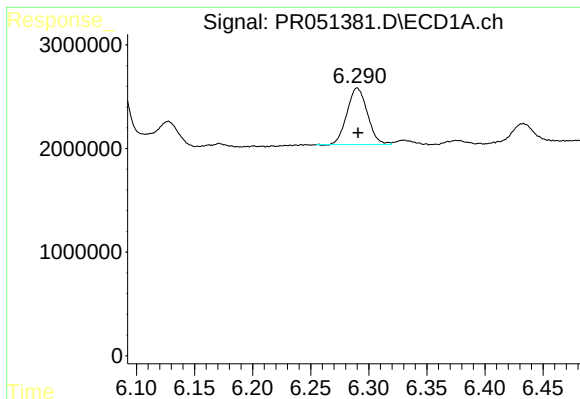
#6 AR-1016-4

R.T.: 5.994 min
Delta R.T.: -0.004 min
Response: 302779
Conc: 1.18 ng/ml



#6 AR-1016-4

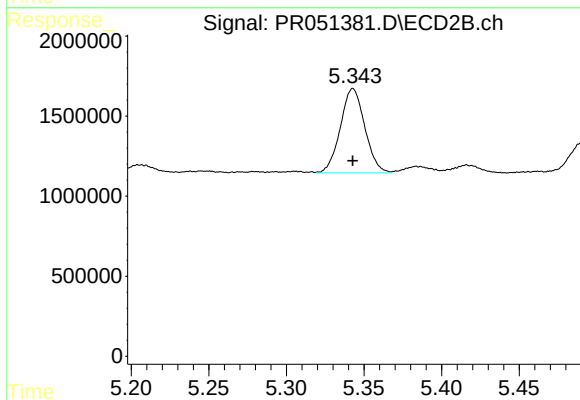
R.T.: 5.130 min
Delta R.T.: 0.001 min
Response: 11091092
Conc: 65.49 ng/ml



#7 AR-1016-5

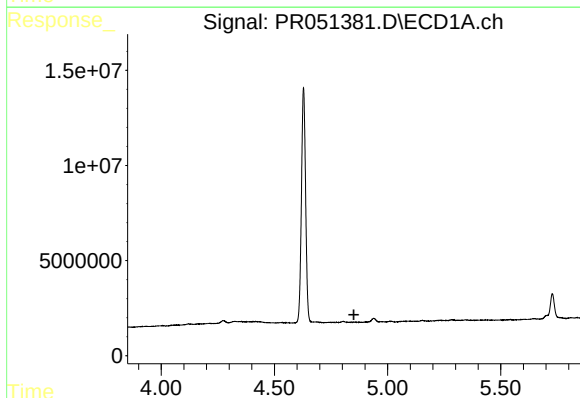
R.T.: 6.290 min
Delta R.T.: 0.000 min
Response: 6696321
Conc: 27.03 ng/ml

Instrument :
ECD_R
ClientSampleId :



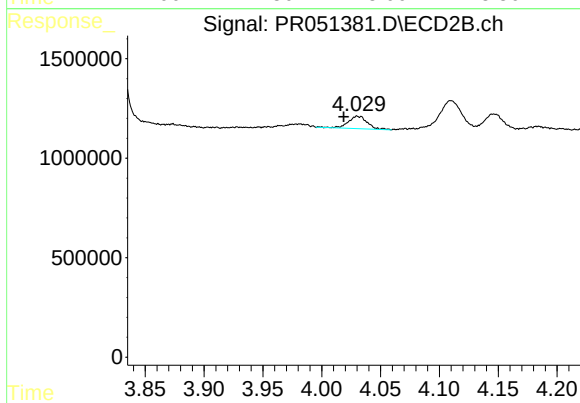
#7 AR-1016-5

R.T.: 5.343 min
Delta R.T.: 0.000 min
Response: 5794118
Conc: 26.21 ng/ml



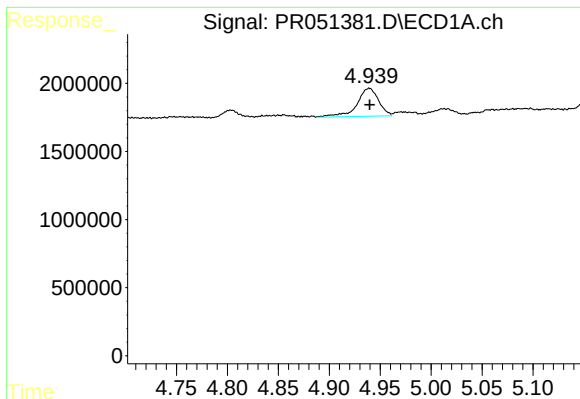
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.851 min
Response: 0
Conc: N.D.



#8 AR-1221-1

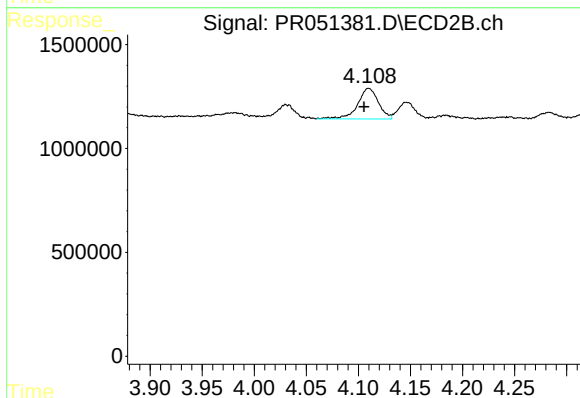
R.T.: 4.030 min
Delta R.T.: 0.012 min
Response: 701343
Conc: 9.55 ng/ml



#9 AR-1221-2

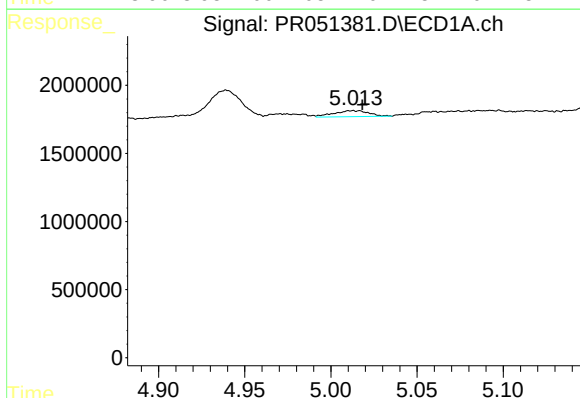
R.T.: 4.939 min
Delta R.T.: 0.000 min
Response: 3029925
Conc: 45.05 ng/ml

Instrument :
ECD_R
ClientSampleId :



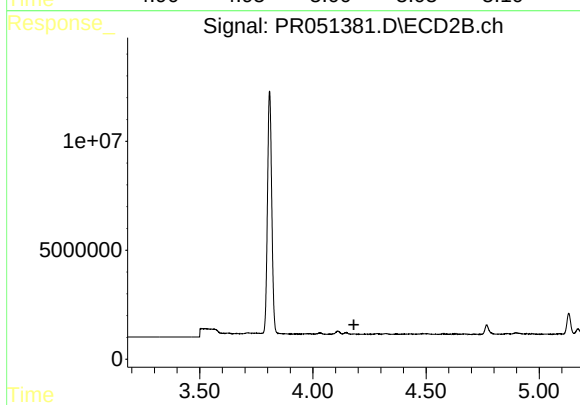
#9 AR-1221-2

R.T.: 4.110 min
Delta R.T.: 0.004 min
Response: 2051807
Conc: 34.79 ng/ml



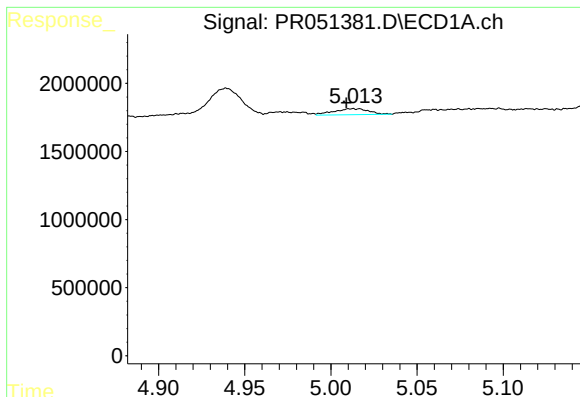
#10 AR-1221-3

R.T.: 5.013 min
Delta R.T.: -0.005 min
Response: 619663
Conc: 2.88 ng/ml



#10 AR-1221-3

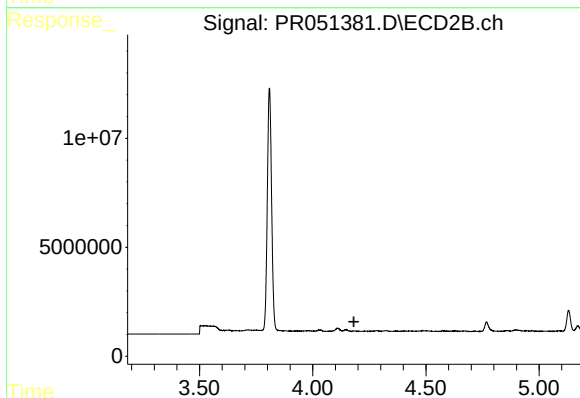
R.T.: 0.000 min
Exp R.T. : 4.181 min
Response: 0
Conc: N.D.



#11 AR-1232-1

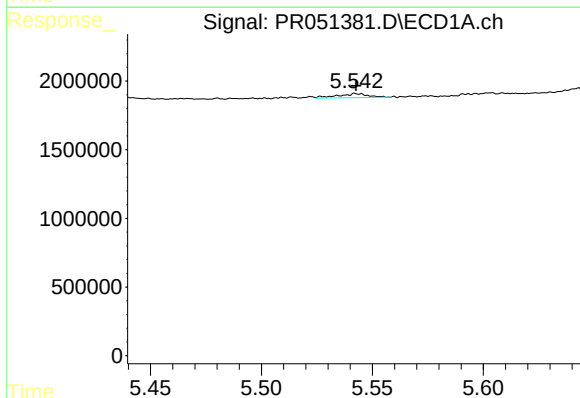
R.T.: 5.013 min
Delta R.T.: 0.004 min
Response: 619663
Conc: 3.43 ng/ml

Instrument :
ECD_R
ClientSampleId :



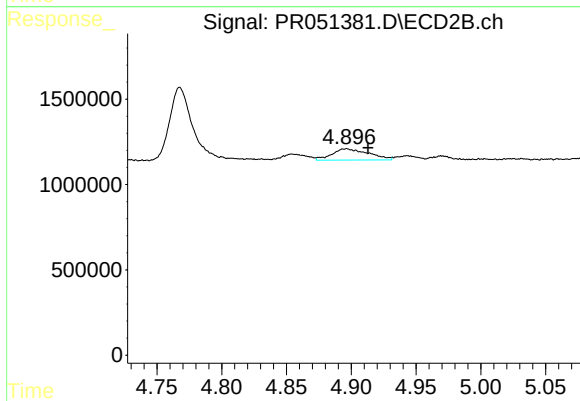
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.182 min
Response: 0
Conc: N.D.



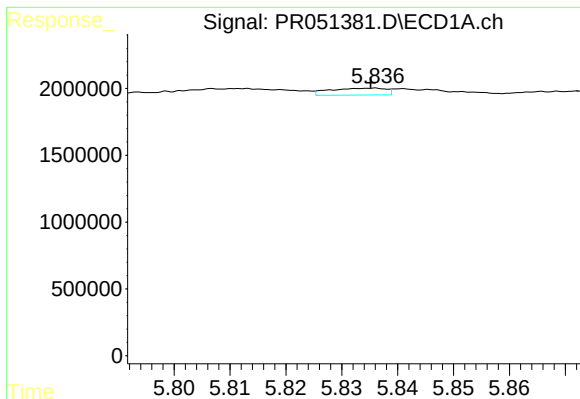
#12 AR-1232-2

R.T.: 5.542 min
Delta R.T.: 0.000 min
Response: 293345
Conc: 3.02 ng/ml



#12 AR-1232-2

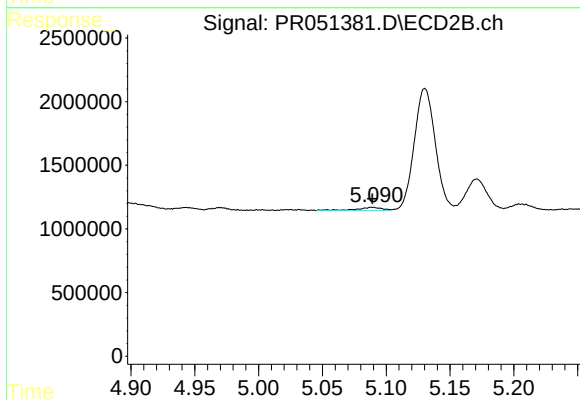
R.T.: 4.896 min
Delta R.T.: -0.017 min
Response: 1296363
Conc: 7.73 ng/ml



#13 AR-1232-3

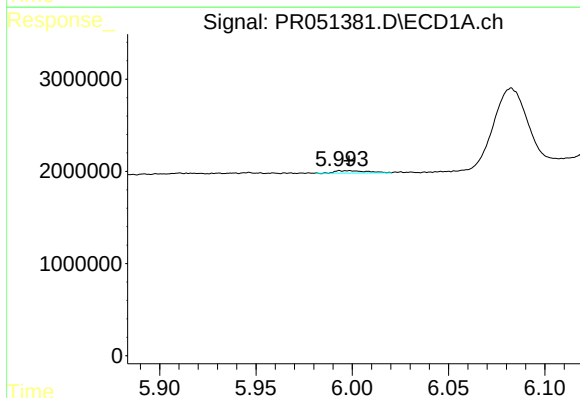
R.T.: 5.836 min
Delta R.T.: 0.000 min
Response: 358384
Conc: 1.71 ng/ml

Instrument :
ECD_R
ClientSampleId :



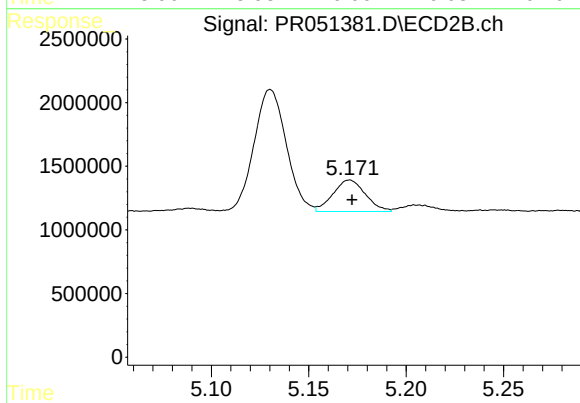
#13 AR-1232-3

R.T.: 5.089 min
Delta R.T.: 0.000 min
Response: 374617
Conc: 4.30 ng/ml



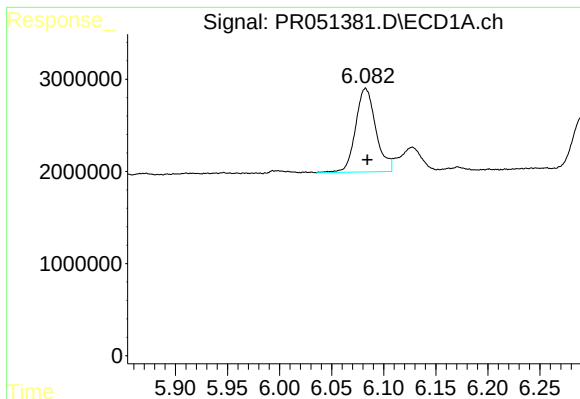
#14 AR-1232-4

R.T.: 5.994 min
Delta R.T.: -0.005 min
Response: 302779
Conc: 2.93 ng/ml



#14 AR-1232-4

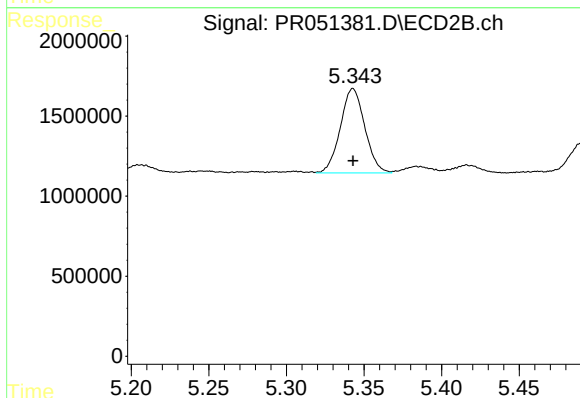
R.T.: 5.171 min
Delta R.T.: -0.001 min
Response: 2880199
Conc: 39.16 ng/ml



#15 AR-1232-5

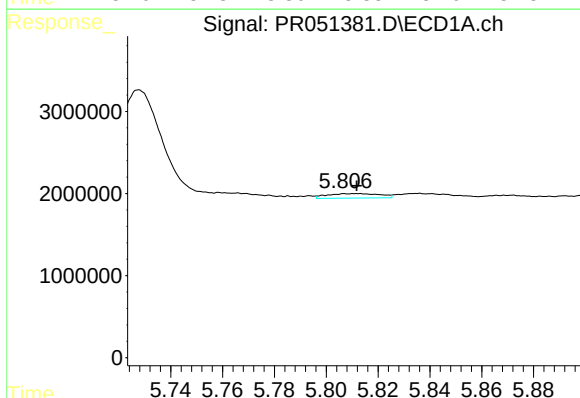
R.T.: 6.083 min
Delta R.T.: -0.002 min
Response: 12303976
Conc: 163.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



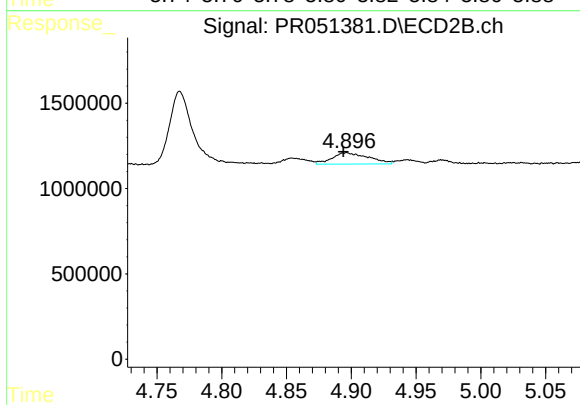
#15 AR-1232-5

R.T.: 5.343 min
Delta R.T.: 0.000 min
Response: 5794118
Conc: 71.21 ng/ml



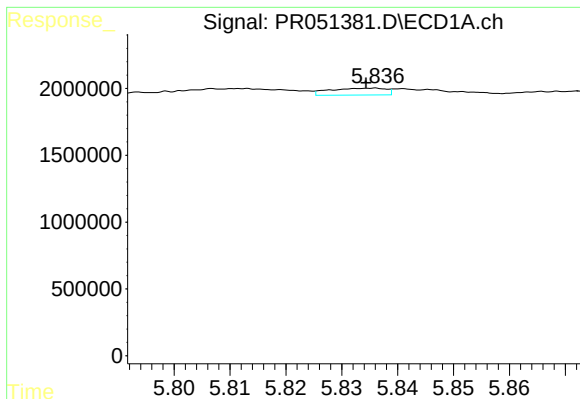
#16 AR-1242-1

R.T.: 5.807 min
Delta R.T.: -0.005 min
Response: 766525
Conc: 2.99 ng/ml



#16 AR-1242-1

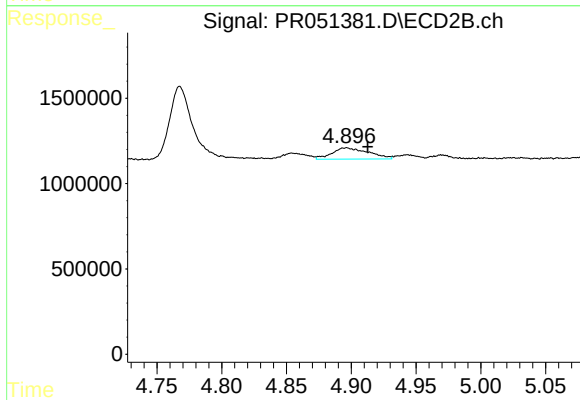
R.T.: 4.896 min
Delta R.T.: 0.002 min
Response: 1296363
Conc: 6.26 ng/ml



#17 AR-1242-2

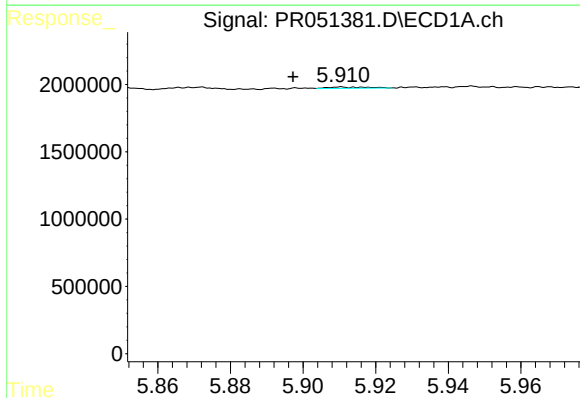
R.T.: 5.836 min
Delta R.T.: 0.002 min
Response: 358384
Conc: 0.95 ng/ml

Instrument :
ECD_R
ClientSampleId :



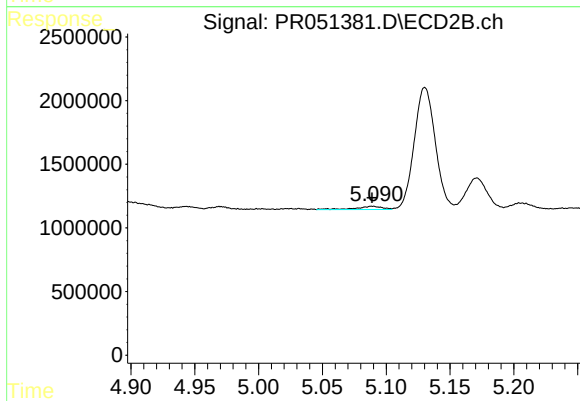
#17 AR-1242-2

R.T.: 4.896 min
Delta R.T.: -0.017 min
Response: 1296363
Conc: 4.28 ng/ml



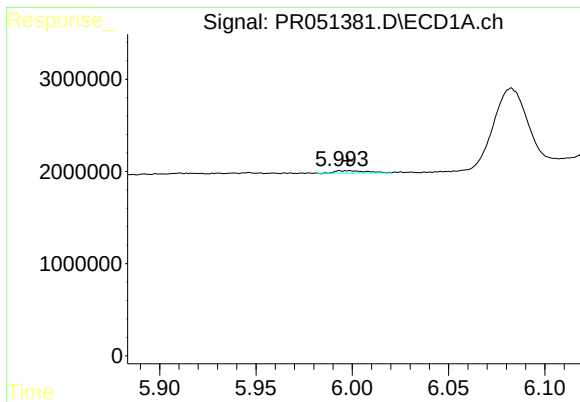
#18 AR-1242-3

R.T.: 5.911 min
Delta R.T.: 0.013 min
Response: 79649
Conc: 0.36 ng/ml



#18 AR-1242-3

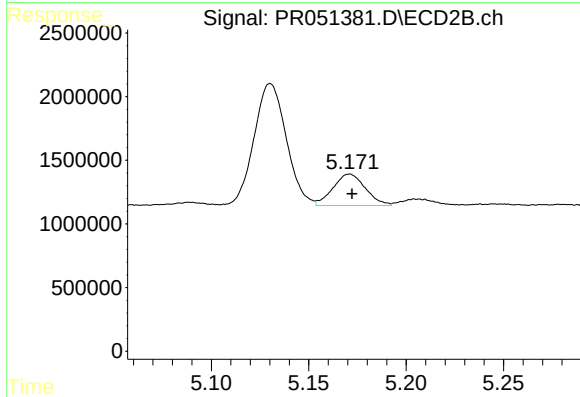
R.T.: 5.089 min
Delta R.T.: 0.000 min
Response: 374617
Conc: 2.35 ng/ml



#19 AR-1242-4

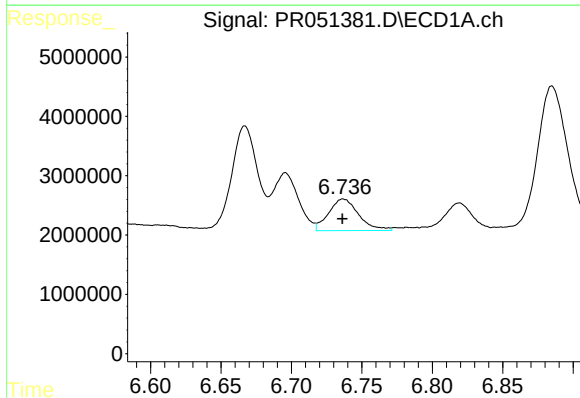
R.T.: 5.994 min
Delta R.T.: -0.004 min
Response: 302779
Conc: 1.62 ng/ml

Instrument :
ECD_R
ClientSampleId :



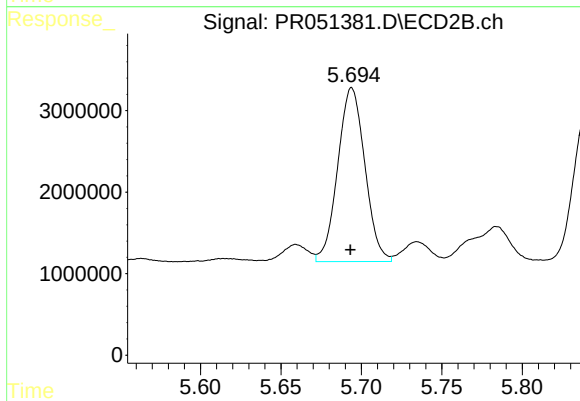
#19 AR-1242-4

R.T.: 5.171 min
Delta R.T.: -0.001 min
Response: 2880199
Conc: 19.49 ng/ml



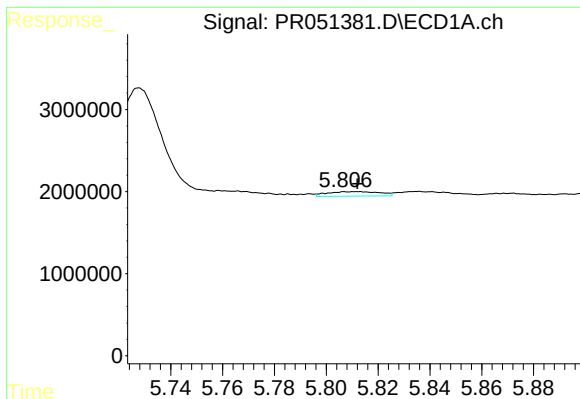
#20 AR-1242-5

R.T.: 6.737 min
Delta R.T.: 0.000 min
Response: 7934166
Conc: 36.25 ng/ml



#20 AR-1242-5

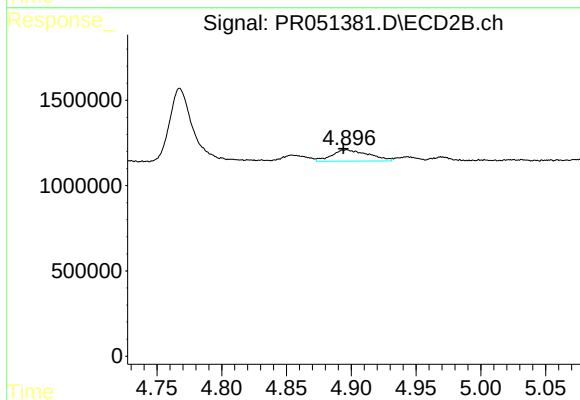
R.T.: 5.694 min
Delta R.T.: 0.000 min
Response: 25049130
Conc: 124.91 ng/ml



#21 AR-1248-1

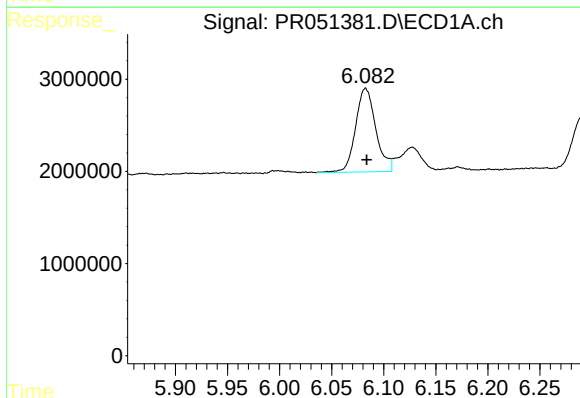
R.T.: 5.807 min
Delta R.T.: -0.005 min
Response: 766525
Conc: 3.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



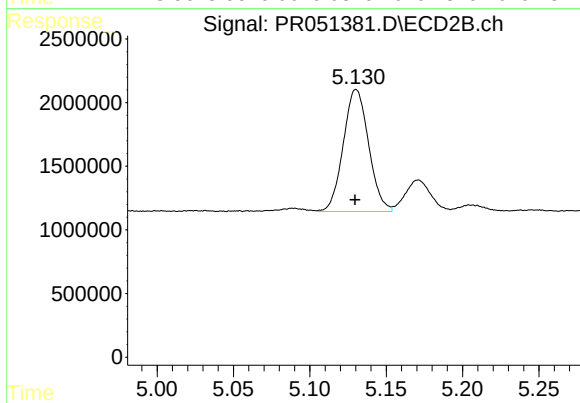
#21 AR-1248-1

R.T.: 4.896 min
Delta R.T.: 0.002 min
Response: 1296363
Conc: 7.60 ng/ml



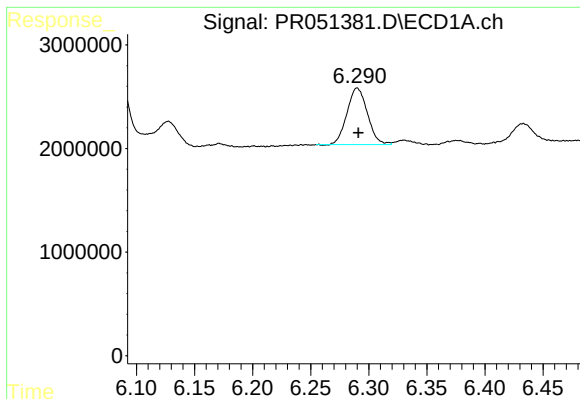
#22 AR-1248-2

R.T.: 6.083 min
Delta R.T.: -0.001 min
Response: 12303976
Conc: 42.02 ng/ml



#22 AR-1248-2

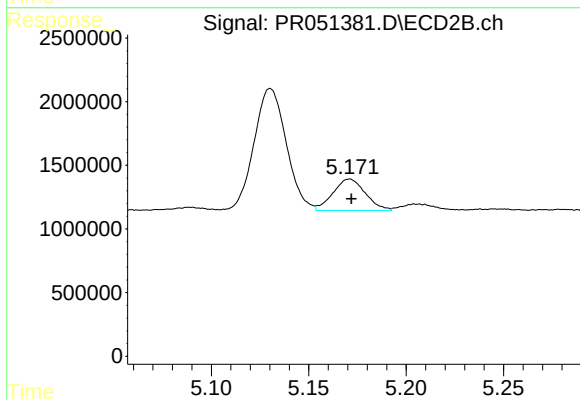
R.T.: 5.130 min
Delta R.T.: 0.000 min
Response: 11091092
Conc: 48.42 ng/ml



#23 AR-1248-3

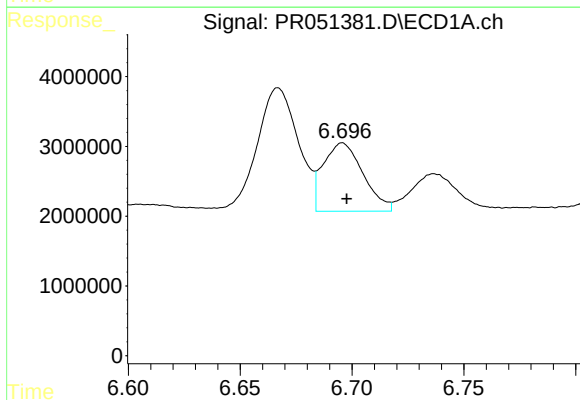
R.T.: 6.290 min
Delta R.T.: -0.001 min
Response: 6696321
Conc: 20.04 ng/ml

Instrument :
ECD_R
ClientSampleId :



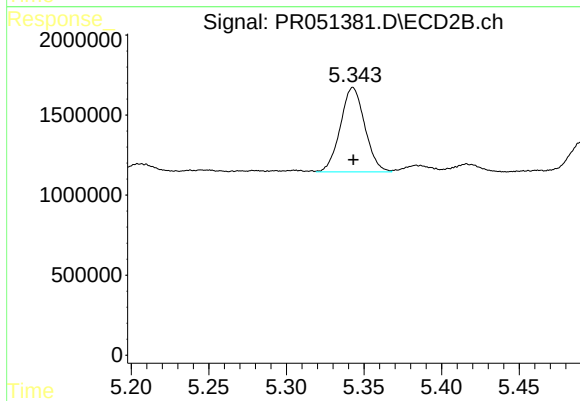
#23 AR-1248-3

R.T.: 5.171 min
Delta R.T.: 0.000 min
Response: 2880199
Conc: 12.10 ng/ml



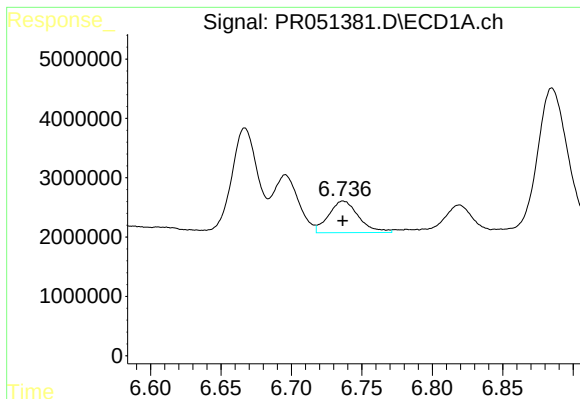
#24 AR-1248-4

R.T.: 6.696 min
Delta R.T.: -0.002 min
Response: 12171188
Conc: 29.28 ng/ml



#24 AR-1248-4

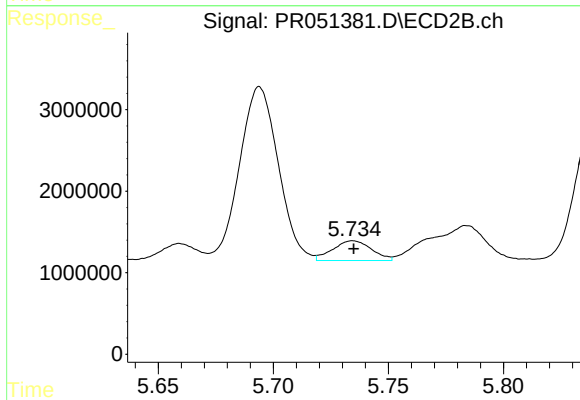
R.T.: 5.343 min
Delta R.T.: 0.000 min
Response: 5794118
Conc: 20.19 ng/ml



#25 AR-1248-5

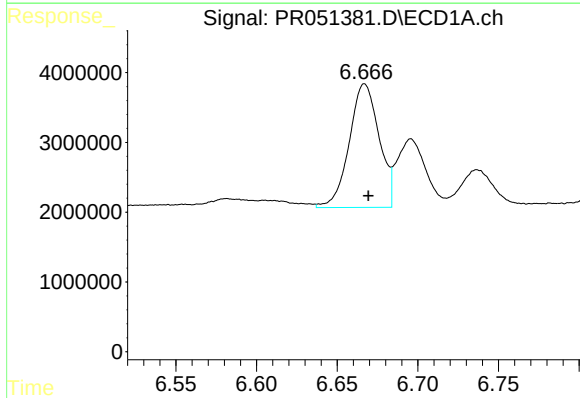
R.T.: 6.737 min
Delta R.T.: 0.000 min
Response: 7934166
Conc: 19.89 ng/ml

Instrument :
ECD_R
ClientSampleId :



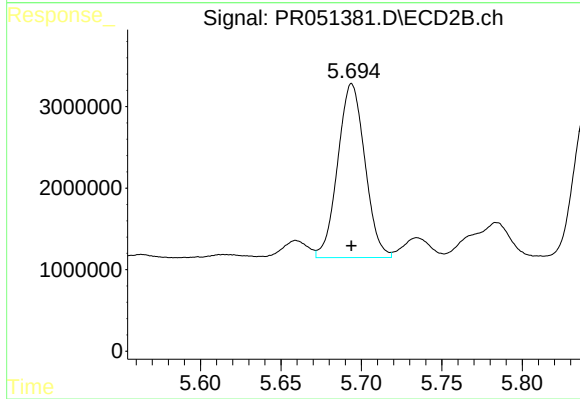
#25 AR-1248-5

R.T.: 5.735 min
Delta R.T.: 0.000 min
Response: 2861690
Conc: 9.34 ng/ml



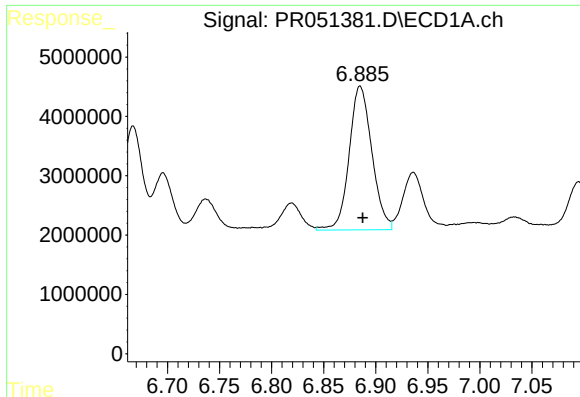
#26 AR-1254-1

R.T.: 6.667 min
Delta R.T.: -0.002 min
Response: 22829260
Conc: 64.41 ng/ml



#26 AR-1254-1

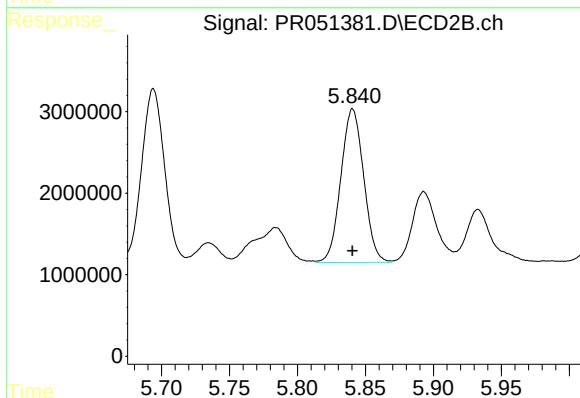
R.T.: 5.694 min
Delta R.T.: 0.000 min
Response: 25049130
Conc: 60.99 ng/ml



#27 AR-1254-2

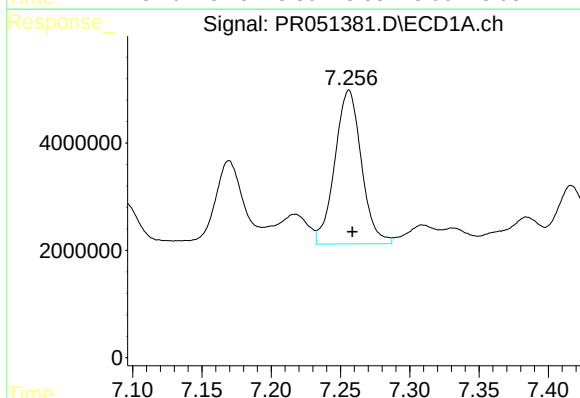
R.T.: 6.885 min
Delta R.T.: -0.002 min
Response: 36844801
Conc: 65.55 ng/ml

Instrument :
ECD_R
ClientSampleId :



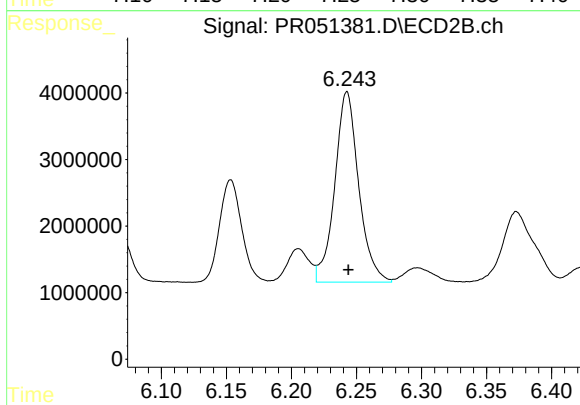
#27 AR-1254-2

R.T.: 5.841 min
Delta R.T.: 0.000 min
Response: 22031188
Conc: 63.33 ng/ml



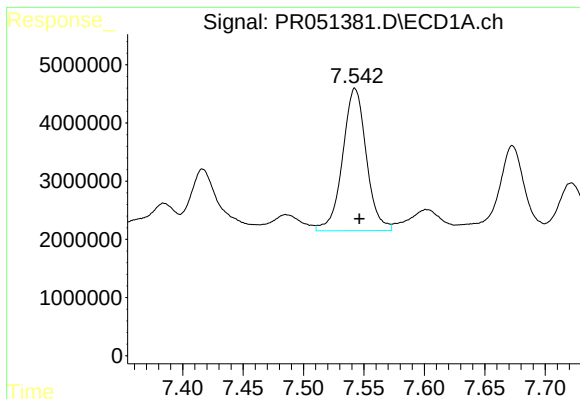
#28 AR-1254-3

R.T.: 7.256 min
Delta R.T.: -0.002 min
Response: 38277029
Conc: 63.94 ng/ml



#28 AR-1254-3

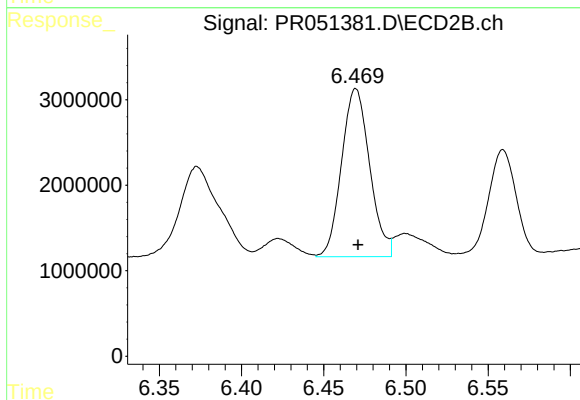
R.T.: 6.243 min
Delta R.T.: -0.001 min
Response: 36695274
Conc: 60.90 ng/ml



#29 AR-1254-4

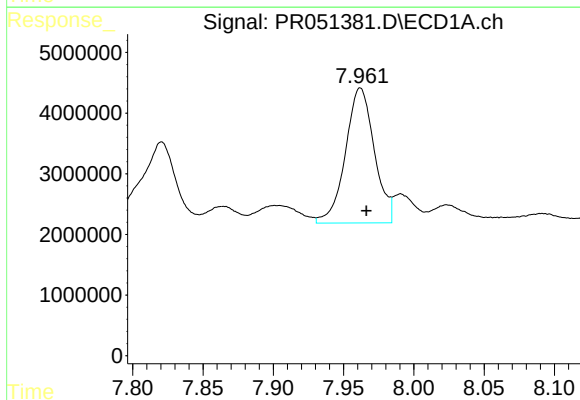
R.T.: 7.543 min
Delta R.T.: -0.004 min
Response: 33434672
Conc: 68.02 ng/ml

Instrument :
ECD_R
ClientSampleId :



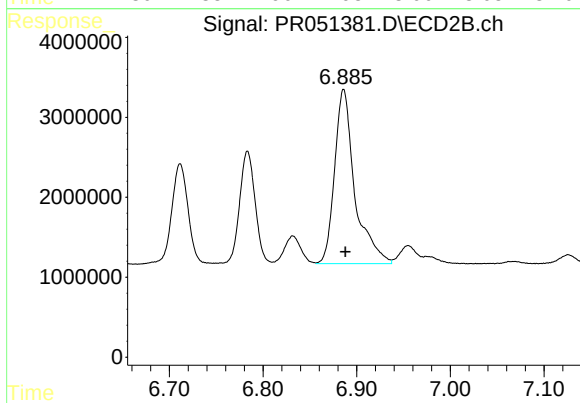
#29 AR-1254-4

R.T.: 6.470 min
Delta R.T.: -0.001 min
Response: 23385711
Conc: 62.29 ng/ml



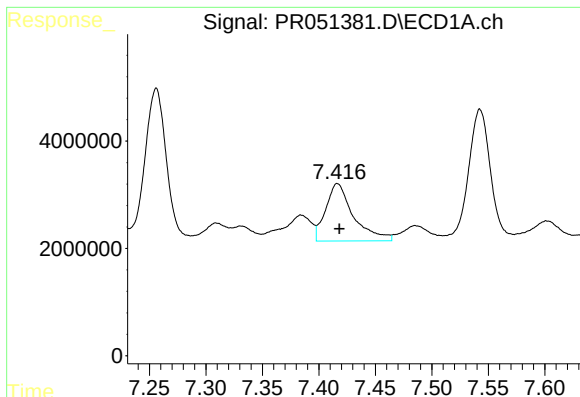
#30 AR-1254-5

R.T.: 7.962 min
Delta R.T.: -0.004 min
Response: 31878076
Conc: 67.29 ng/ml



#30 AR-1254-5

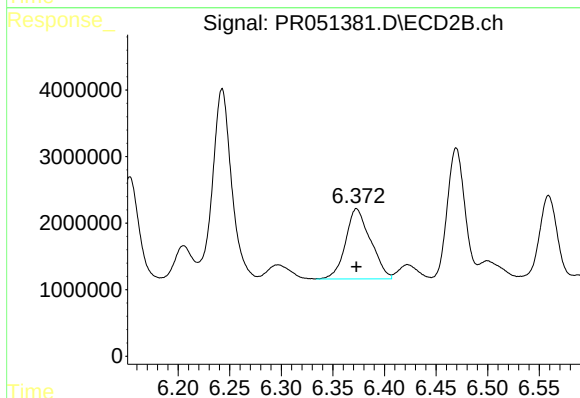
R.T.: 6.886 min
Delta R.T.: -0.002 min
Response: 32623660
Conc: 63.15 ng/ml



#31 AR-1260-1

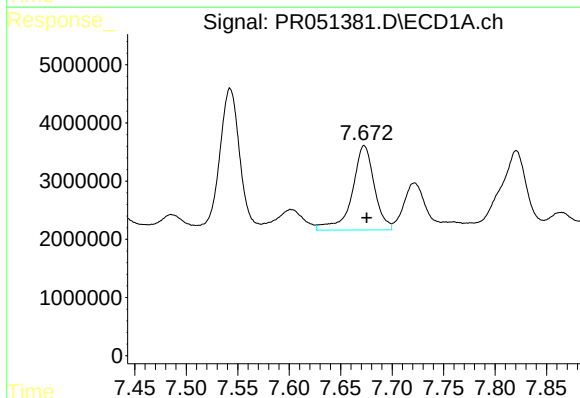
R.T.: 7.417 min
Delta R.T.: -0.002 min
Response: 18366480
Conc: 38.49 ng/ml

Instrument :
ECD_R
ClientSampleId :



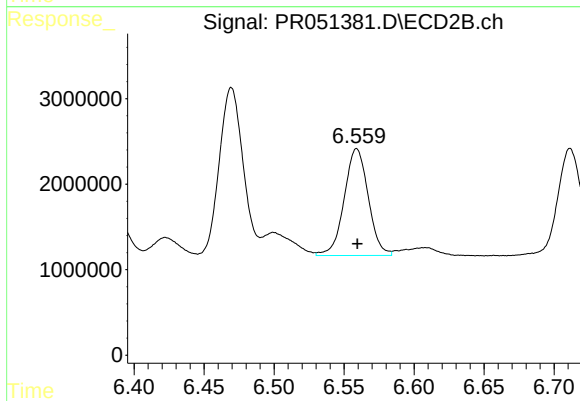
#31 AR-1260-1

R.T.: 6.373 min
Delta R.T.: 0.000 min
Response: 17779675
Conc: 43.14 ng/ml



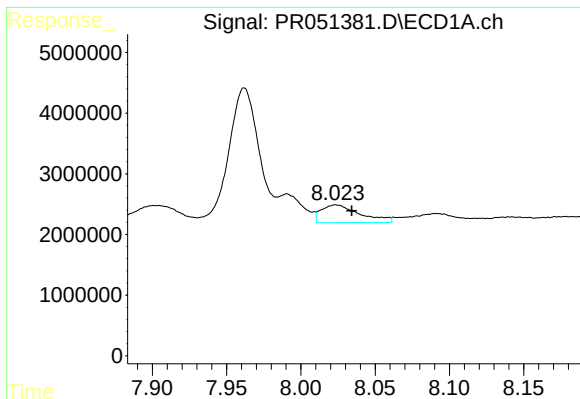
#32 AR-1260-2

R.T.: 7.673 min
Delta R.T.: -0.003 min
Response: 21759302
Conc: 34.45 ng/ml



#32 AR-1260-2

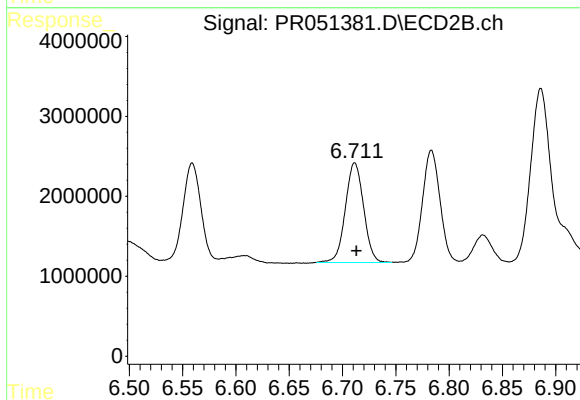
R.T.: 6.559 min
Delta R.T.: 0.000 min
Response: 14940364
Conc: 29.55 ng/ml



#33 AR-1260-3

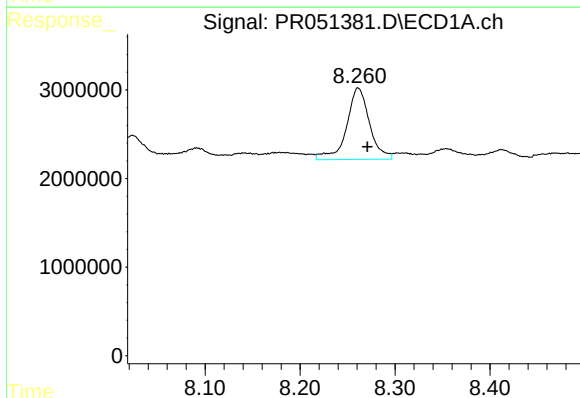
R.T.: 8.024 min
Delta R.T.: -0.011 min
Response: 5325129
Conc: 10.65 ng/ml

Instrument :
ECD_R
ClientSampleId :



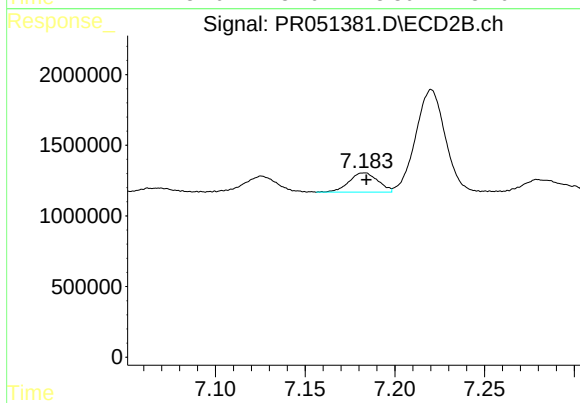
#33 AR-1260-3

R.T.: 6.711 min
Delta R.T.: -0.002 min
Response: 14861344
Conc: 30.35 ng/ml



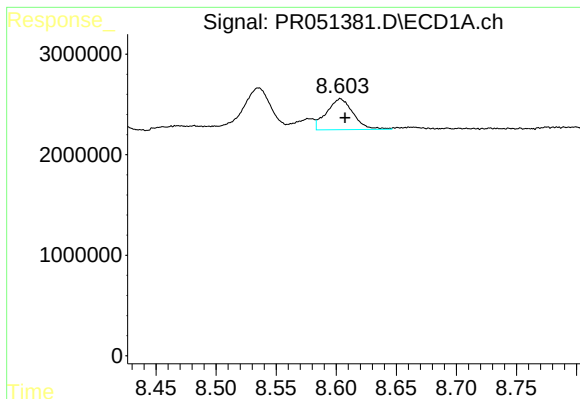
#34 AR-1260-4

R.T.: 8.261 min
Delta R.T.: -0.010 min
Response: 13534176
Conc: 26.43 ng/ml



#34 AR-1260-4

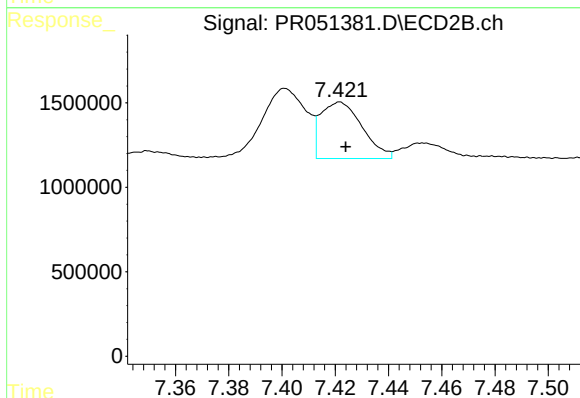
R.T.: 7.183 min
Delta R.T.: -0.001 min
Response: 1532039
Conc: 3.75 ng/ml



#35 AR-1260-5

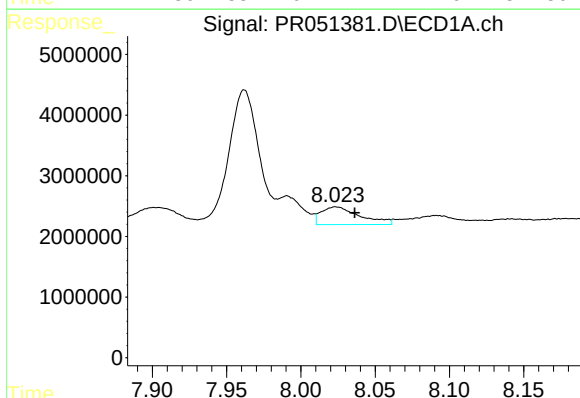
R.T.: 8.603 min
Delta R.T.: -0.004 min
Response: 4743069
Conc: 4.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



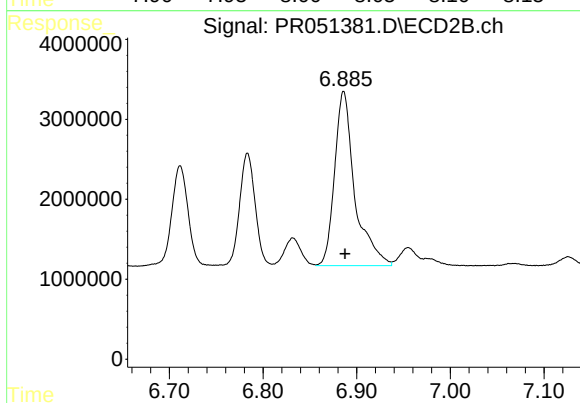
#35 AR-1260-5

R.T.: 7.422 min
Delta R.T.: -0.002 min
Response: 3617624
Conc: 3.45 ng/ml



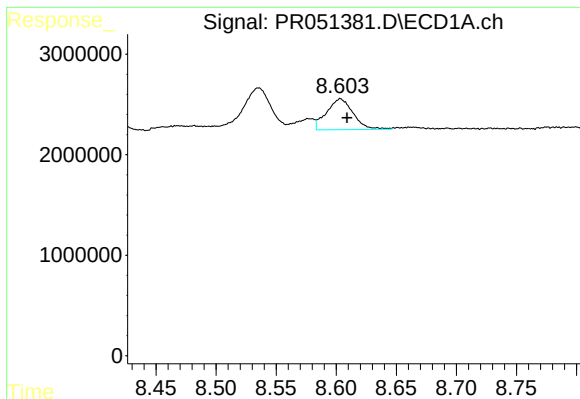
#36 AR-1262-1

R.T.: 8.024 min
Delta R.T.: -0.013 min
Response: 5325129
Conc: 8.11 ng/ml



#36 AR-1262-1

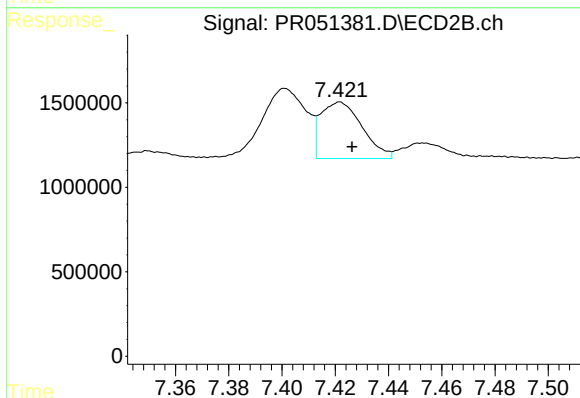
R.T.: 6.886 min
Delta R.T.: -0.001 min
Response: 32623660
Conc: 117.96 ng/ml



#37 AR-1262-2

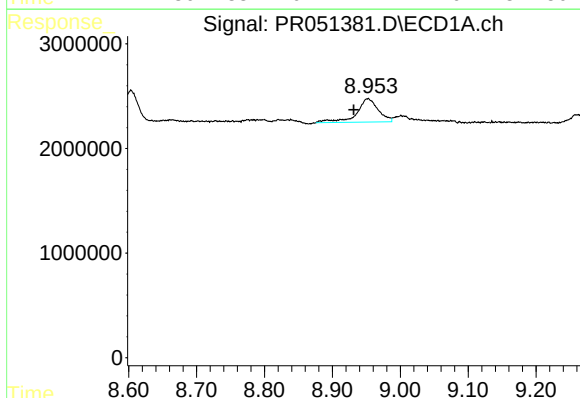
R.T.: 8.603 min
Delta R.T.: -0.005 min
Response: 4743069
Conc: 3.95 ng/ml

Instrument :
ECD_R
ClientSampleId :



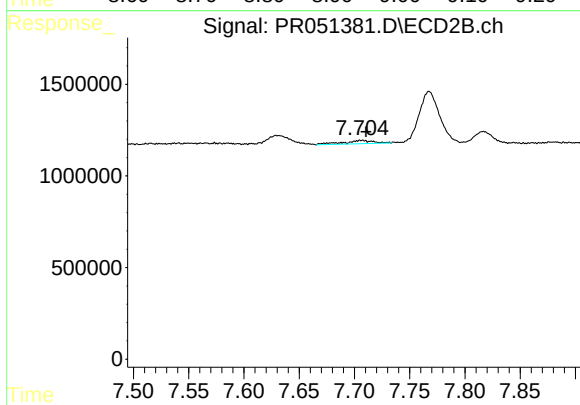
#37 AR-1262-2

R.T.: 7.422 min
Delta R.T.: -0.005 min
Response: 3617624
Conc: 3.56 ng/ml



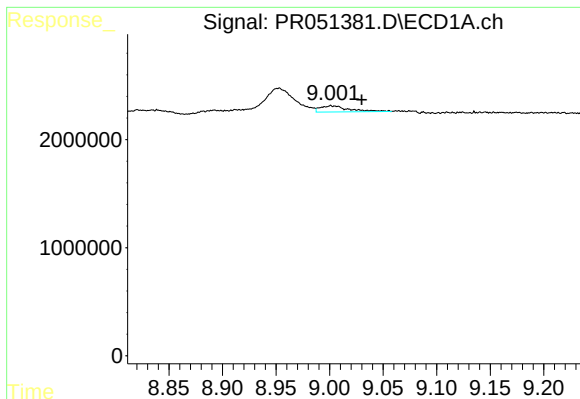
#38 AR-1262-3

R.T.: 8.952 min
Delta R.T.: 0.021 min
Response: 4963142
Conc: 6.51 ng/ml



#38 AR-1262-3

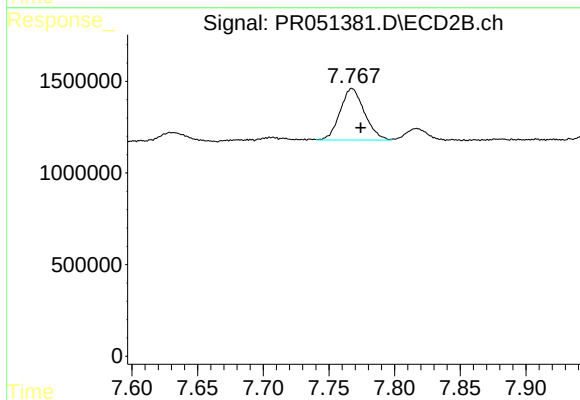
R.T.: 7.707 min
Delta R.T.: -0.004 min
Response: 353951
Conc: 0.96 ng/ml



#39 AR-1262-4

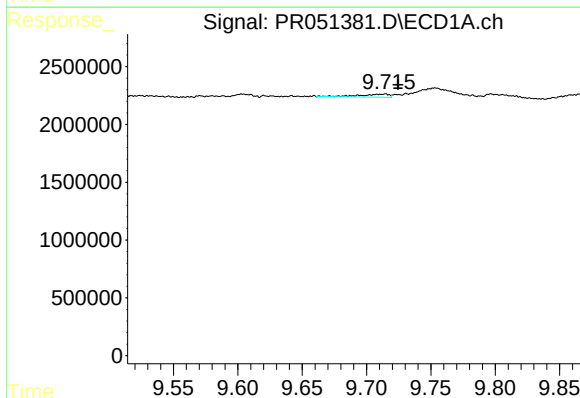
R.T.: 9.001 min
Delta R.T.: -0.029 min
Response: 1065703
Conc: 1.83 ng/ml

Instrument :
ECD_R
ClientSampleId :



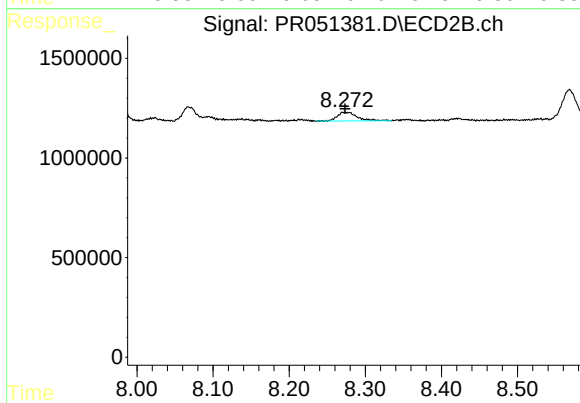
#39 AR-1262-4

R.T.: 7.768 min
Delta R.T.: -0.007 min
Response: 3632349
Conc: 4.98 ng/ml



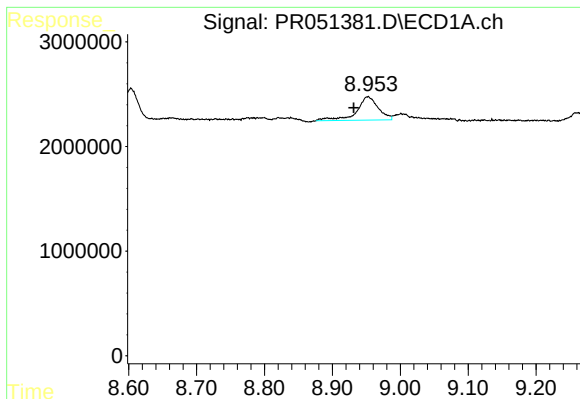
#40 AR-1262-5

R.T.: 9.714 min
Delta R.T.: -0.010 min
Response: 393658
Conc: 0.94 ng/ml



#40 AR-1262-5

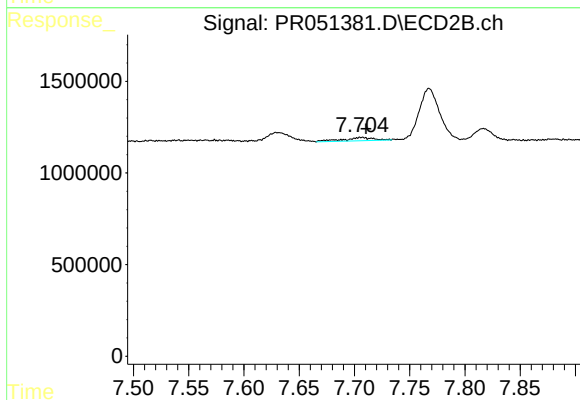
R.T.: 8.272 min
Delta R.T.: -0.002 min
Response: 809167
Conc: 2.48 ng/ml



#41 AR-1268-1

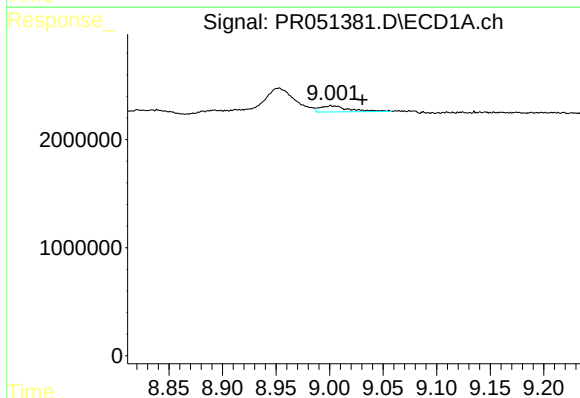
R.T.: 8.952 min
Delta R.T.: 0.021 min
Response: 4963142
Conc: 3.51 ng/ml

Instrument :
ECD_R
ClientSampleId :



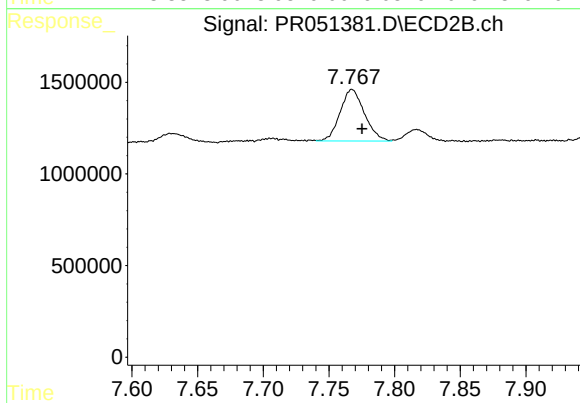
#41 AR-1268-1

R.T.: 7.707 min
Delta R.T.: -0.004 min
Response: 353951
Conc: 0.33 ng/ml



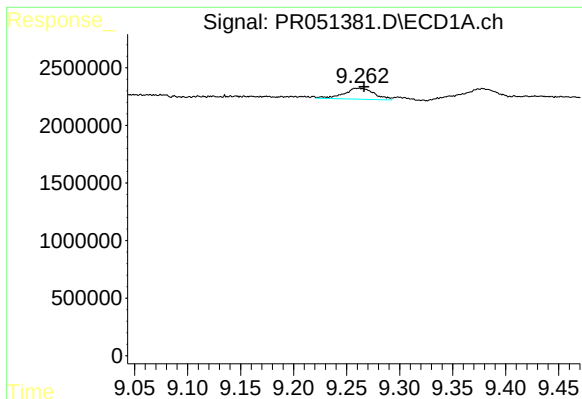
#42 AR-1268-2

R.T.: 9.001 min
Delta R.T.: -0.030 min
Response: 1065703
Conc: 0.83 ng/ml



#42 AR-1268-2

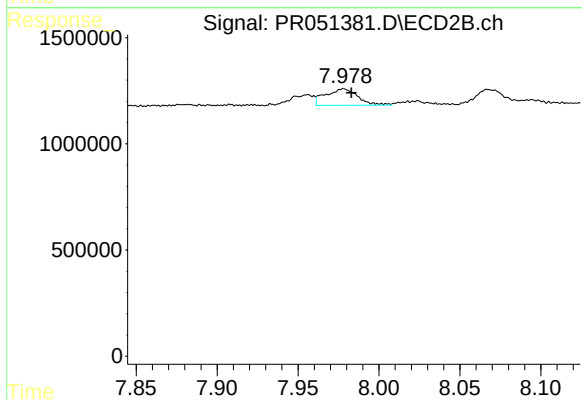
R.T.: 7.768 min
Delta R.T.: -0.008 min
Response: 3632349
Conc: 3.65 ng/ml



#43 AR-1268-3

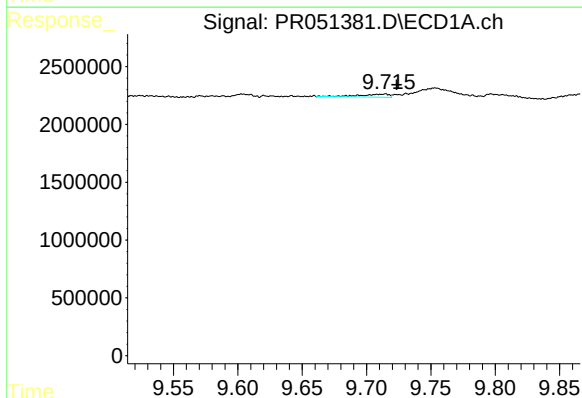
R.T.: 9.261 min
Delta R.T.: -0.005 min
Response: 1916110
Conc: 1.72 ng/ml

Instrument :
ECD_R
ClientSampleId :



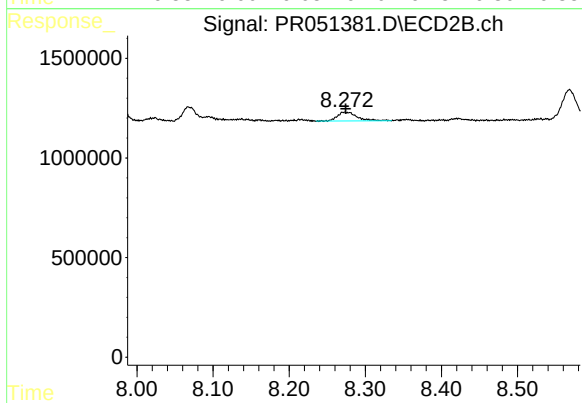
#43 AR-1268-3

R.T.: 7.978 min
Delta R.T.: -0.005 min
Response: 1082580
Conc: 1.32 ng/ml



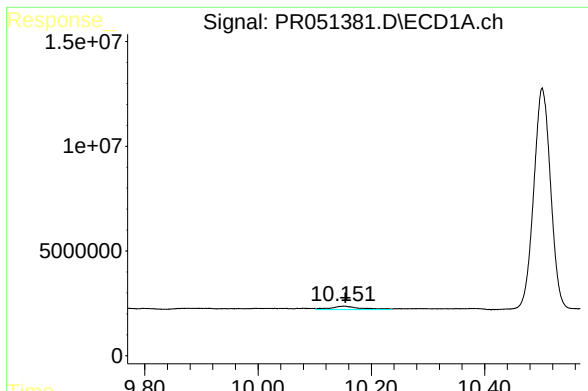
#44 AR-1268-4

R.T.: 9.714 min
Delta R.T.: -0.009 min
Response: 393658
Conc: 0.87 ng/ml



#44 AR-1268-4

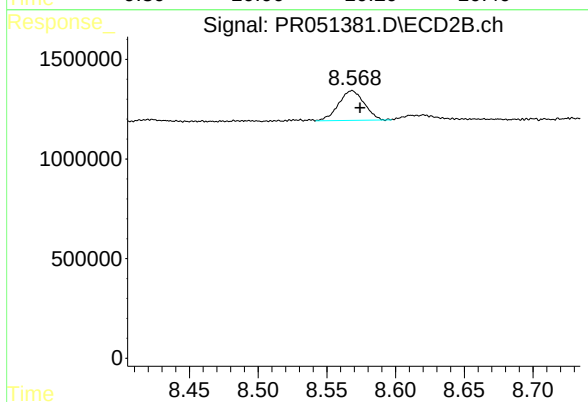
R.T.: 8.272 min
Delta R.T.: -0.003 min
Response: 809167
Conc: 2.28 ng/ml



#45 AR-1268-5

R.T.: 10.152 min
Delta R.T.: -0.003 min
Response: 6006658
Conc: 1.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.568 min
Delta R.T.: -0.006 min
Response: 1940106
Conc: 0.70 ng/ml