

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR040823\
 Data File : PR060736.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Apr 2023 21:13
 Operator : AJ\MA
 Sample : 02213-07
 Misc : AR1268 LOD 25 PPB
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 08 01:58:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR040823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Apr 07 15:47:54 2023
 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...	3.687	2.901	66762246	86269089	21.868	20.271
2)	SA Decachlor...	9.660	8.129	73148699	103.7E6	25.786	23.846
Target Compounds							
3)	L1 AR-1016-1	4.930	4.037f	245998	375944	2.222	2.542
4)	L1 AR-1016-2	4.944	4.037	166614	375944	1.071	1.772 #
5)	L1 AR-1016-3	5.025	0.000	345244	0	3.539	N.D. #
6)	L1 AR-1016-4	0.000	4.282f	0	272684	N.D.	3.190 #
8)	L2 AR-1221-1	3.897	3.109	181741	271015	4.587	5.706
9)	L2 AR-1221-2	4.003	3.201	1015538	1424535	34.976	40.157
12)	L3 AR-1232-2	0.000	4.037	0	375944	N.D.	4.111 #
13)	L3 AR-1232-3	4.944	0.000	166614	0	2.365	N.D. #
14)	L3 AR-1232-4	0.000	4.282	0	272684	N.D.	6.679 #
15)	L3 AR-1232-5	5.238f	0.000	125158	0	4.776	N.D. #
16)	L4 AR-1242-1	4.930	4.037f	245998	375944	2.788	3.237
17)	L4 AR-1242-2	4.944	4.037	166614	375944	1.343	2.255 #
18)	L4 AR-1242-3	5.025	0.000	345244	0	4.419	N.D. #
19)	L4 AR-1242-4	0.000	4.282	0	272684	N.D.	3.371 #
20)	L4 AR-1242-5	5.886f	4.865f	131127	207382	1.894	1.925
21)	L5 AR-1248-1	4.930	4.037f	245998	375944	3.702	4.372
22)	L5 AR-1248-2	5.238f	4.282f	125158	272684	1.410	2.268 #
23)	L5 AR-1248-3	0.000	4.282	0	272684	N.D.	2.237 #
24)	L5 AR-1248-4	5.886f	0.000	131127	0	1.091	N.D. #
25)	L5 AR-1248-5	5.886f	4.865f	131127	207382	1.108	1.349
26)	L6 AR-1254-1	5.842	4.865f	419248	207382	3.481	0.858 #
27)	L6 AR-1254-2	6.081	0.000	221337	0	1.161	N.D. #
28)	L6 AR-1254-3	6.464	5.417	286642	232579	1.397	0.668 #
29)	L6 AR-1254-4	6.813f	0.000	836645	0	5.374	N.D. #
30)	L6 AR-1254-5	7.264f	6.109	299801	480747	1.782	1.500
31)	L7 AR-1260-1	0.000	5.539f	0	190062	N.D.	0.775 #
32)	L7 AR-1260-2	6.925	5.776f	675073	321136	3.498	1.033 #
33)	L7 AR-1260-3	7.332	5.922	2579878	428127	18.124	1.525 #
34)	L7 AR-1260-4	7.598f	6.419	3572371	4599794	21.851	19.109
35)	L7 AR-1260-5	7.914	6.687	1448331	2627550	4.580	4.513
36)	L8 AR-1262-1	7.332	6.148	2579878	3412570	13.649	10.819
37)	L8 AR-1262-2	7.914	6.419	1448331	4599794	4.299	15.962 #
38)	L8 AR-1262-3	8.224	6.990	13628169	19126587	59.182	84.451 #
39)	L8 AR-1262-4	8.316	7.060	12254256	17767092	69.632	41.317 #
40)	L8 AR-1262-5	8.949	7.596	4960266	6104613	39.595	30.488
41)	L9 AR-1268-1	8.224	6.990	13628169	19126587	32.971	25.955
42)	L9 AR-1268-2	8.316	7.060	12254256	17767092	32.579	26.572
43)	L9 AR-1268-3	8.539	7.279	10672962	14961620	33.284	26.324
44)	L9 AR-1268-4	8.949	7.596	4960266	6104613	34.518	26.178

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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
45) L9	AR-1268-5	9.343	7.889	32547916	46739880	30.799	24.856

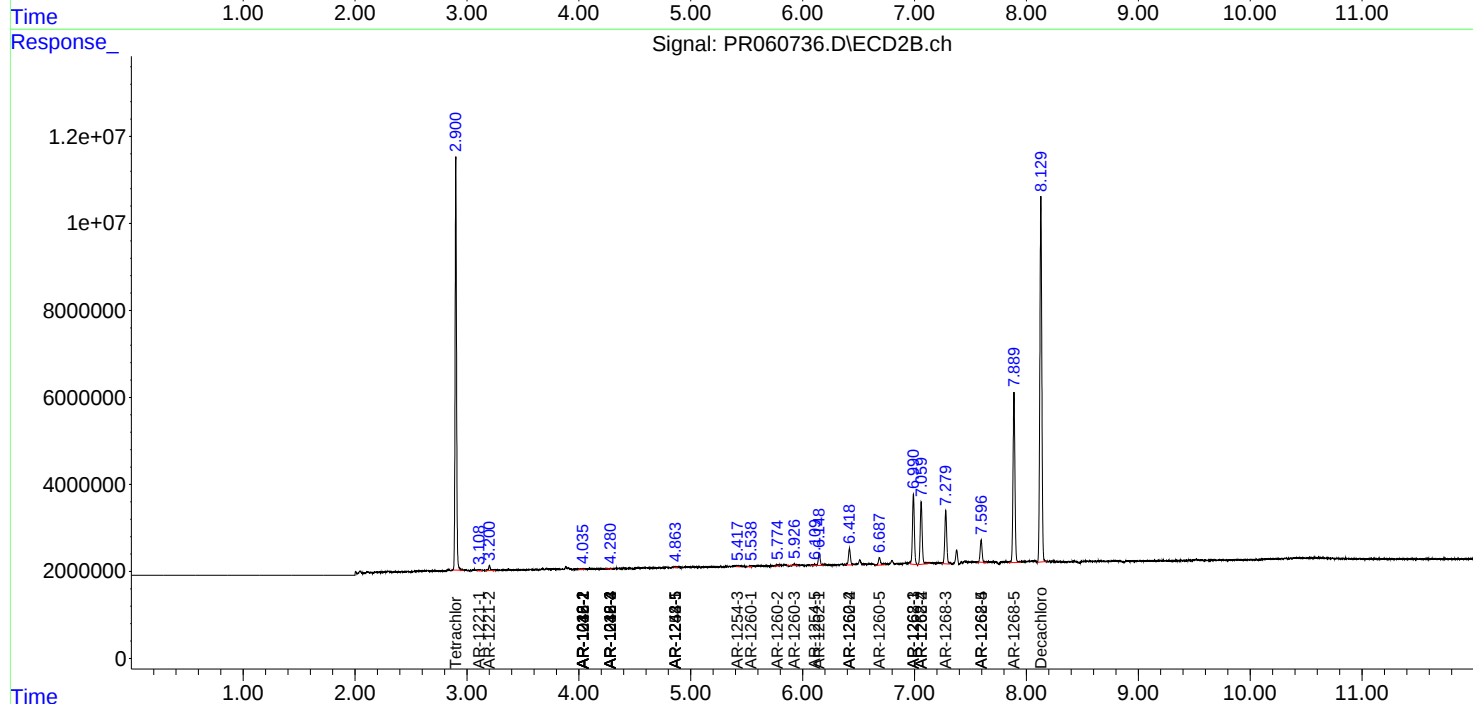
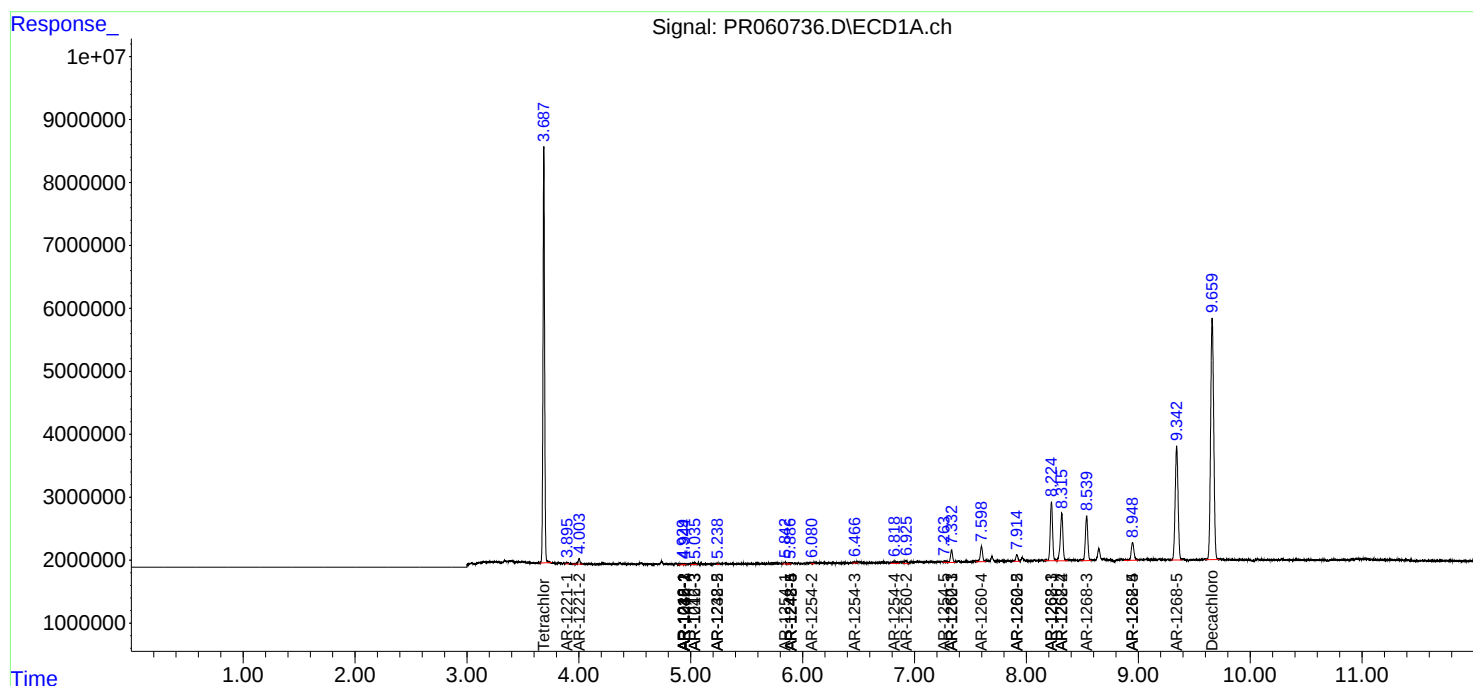
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

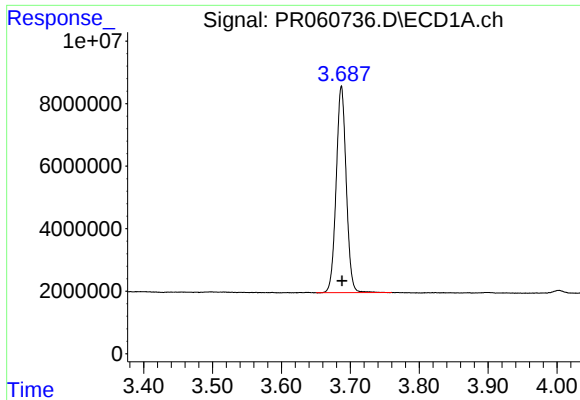
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR040823\
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

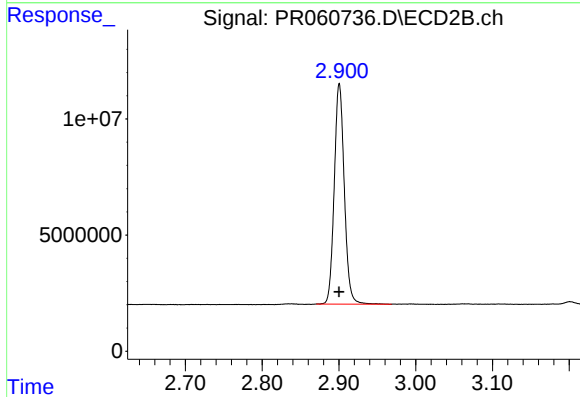




#1 Tetrachloro-m-xylene

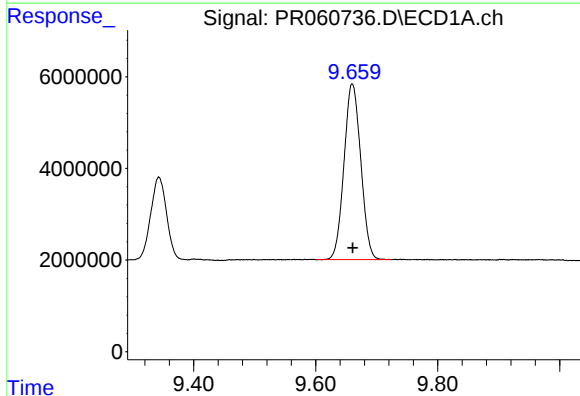
R.T.: 3.687 min
Delta R.T.: 0.000 min
Response: 66762246
Conc: 21.87 ng/ml

Instrument :
ECD_R
ClientSampleId :



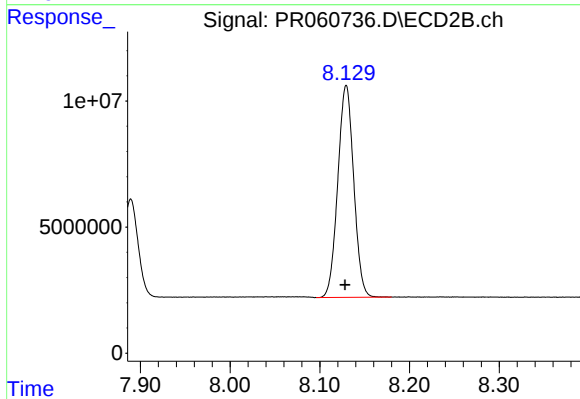
#1 Tetrachloro-m-xylene

R.T.: 2.901 min
Delta R.T.: 0.000 min
Response: 86269089
Conc: 20.27 ng/ml



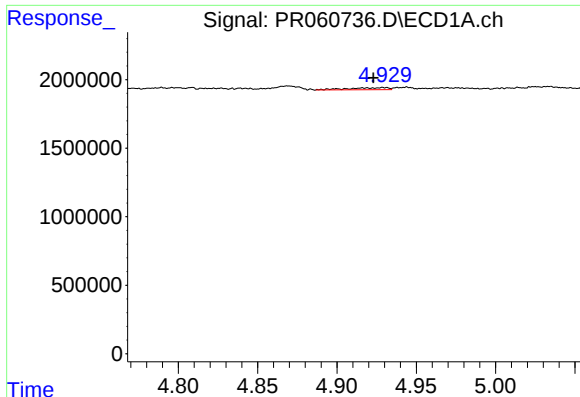
#2 Decachlorobiphenyl

R.T.: 9.660 min
Delta R.T.: 0.000 min
Response: 73148699
Conc: 25.79 ng/ml



#2 Decachlorobiphenyl

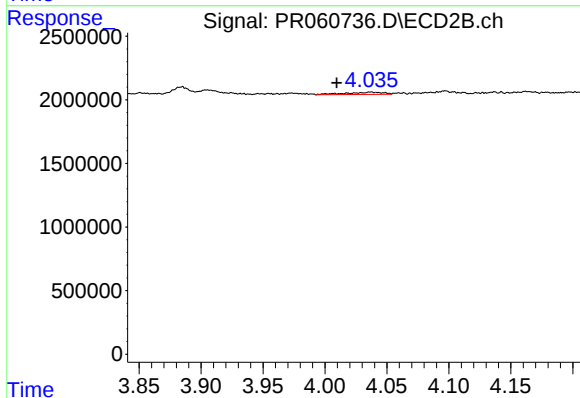
R.T.: 8.129 min
Delta R.T.: 0.001 min
Response: 103665076
Conc: 23.85 ng/ml



#3 AR-1016-1

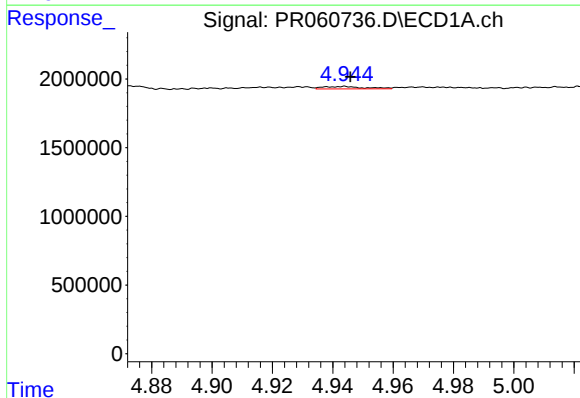
R.T.: 4.930 min
Delta R.T.: 0.006 min
Response: 245998
Conc: 2.22 ng/ml

Instrument :
ECD_R
ClientSampleId :



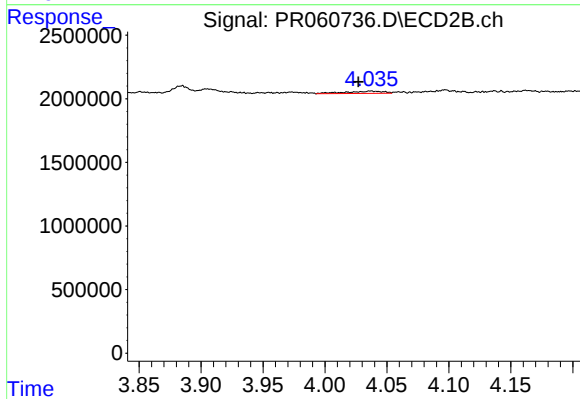
#3 AR-1016-1

R.T.: 4.037 min
Delta R.T.: 0.027 min
Response: 375944
Conc: 2.54 ng/ml



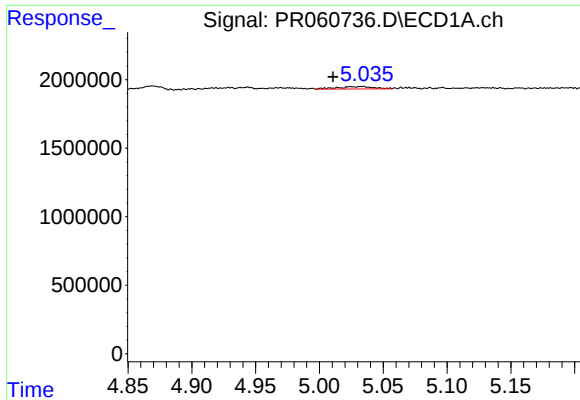
#4 AR-1016-2

R.T.: 4.944 min
Delta R.T.: -0.002 min
Response: 166614
Conc: 1.07 ng/ml



#4 AR-1016-2

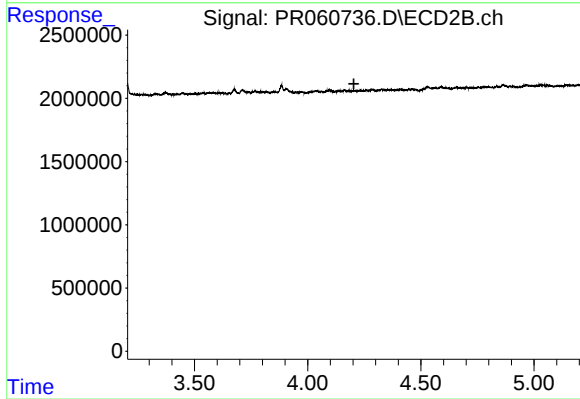
R.T.: 4.037 min
Delta R.T.: 0.010 min
Response: 375944
Conc: 1.77 ng/ml



#5 AR-1016-3

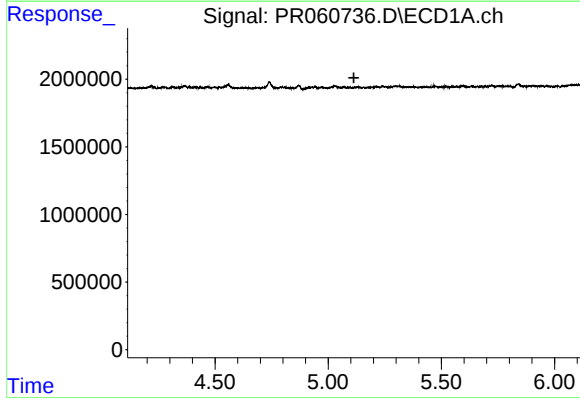
R.T.: 5.025 min
Delta R.T.: 0.015 min
Response: 345244
Conc: 3.54 ng/ml

Instrument :
ECD_R
ClientSampleId :



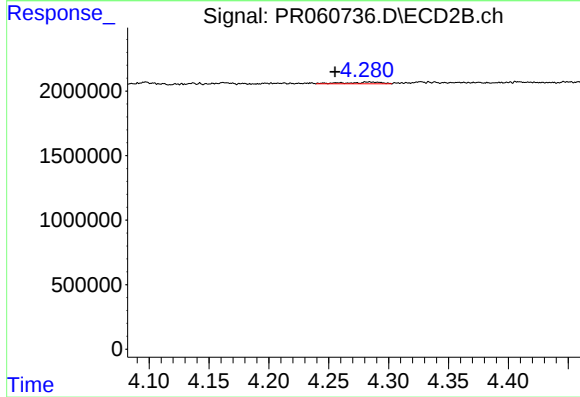
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.204 min
Response: 0
Conc: N.D.



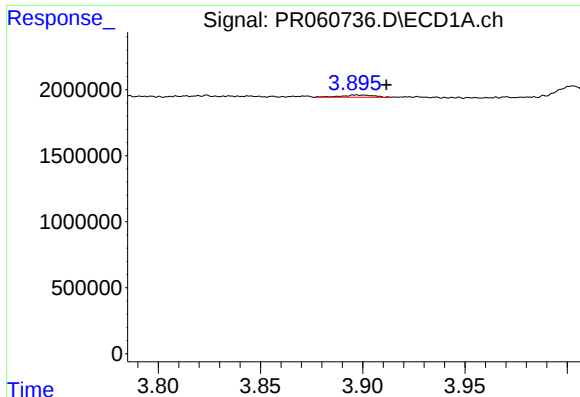
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.114 min
Response: 0
Conc: N.D.



#6 AR-1016-4

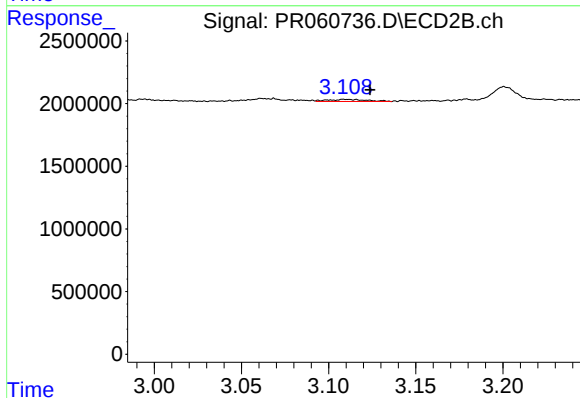
R.T.: 4.282 min
Delta R.T.: 0.027 min
Response: 272684
Conc: 3.19 ng/ml



#8 AR-1221-1

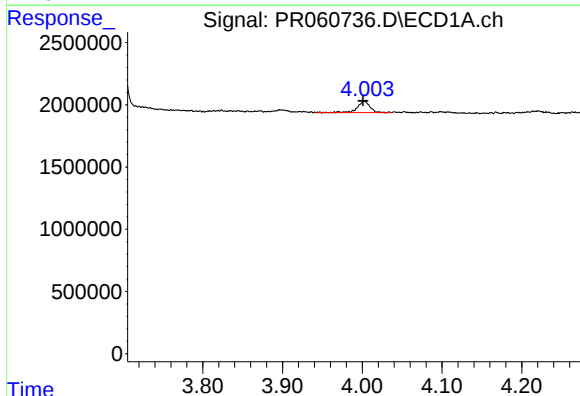
R.T.: 3.897 min
Delta R.T.: -0.014 min
Response: 181741
Conc: 4.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



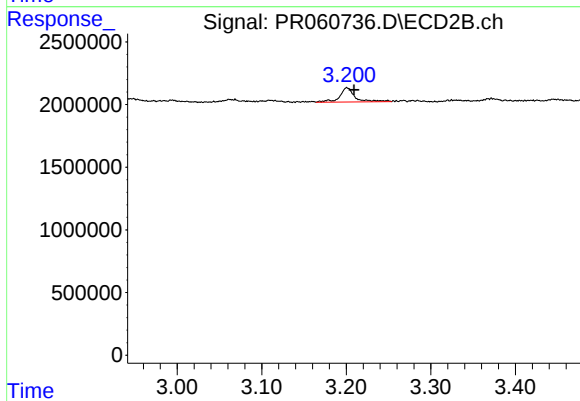
#8 AR-1221-1

R.T.: 3.109 min
Delta R.T.: -0.014 min
Response: 271015
Conc: 5.71 ng/ml



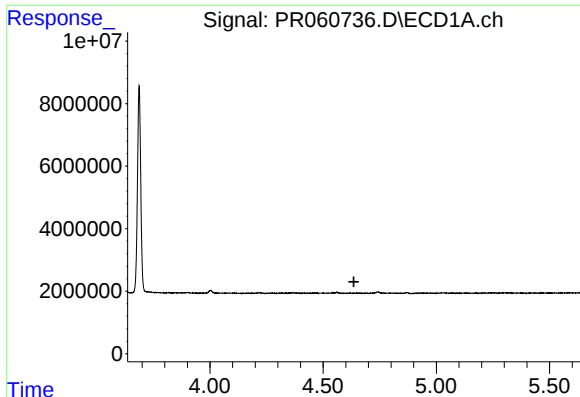
#9 AR-1221-2

R.T.: 4.003 min
Delta R.T.: 0.002 min
Response: 1015538
Conc: 34.98 ng/ml



#9 AR-1221-2

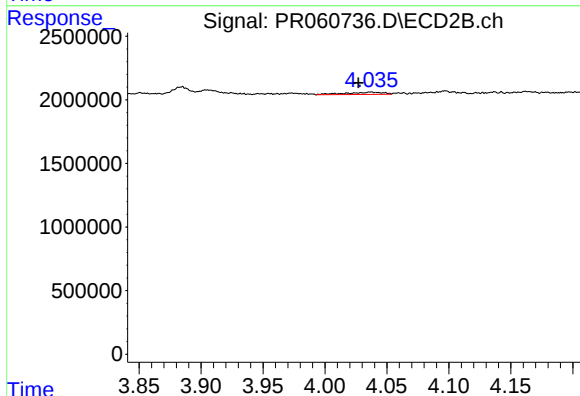
R.T.: 3.201 min
Delta R.T.: -0.008 min
Response: 1424535
Conc: 40.16 ng/ml



#12 AR-1232-2

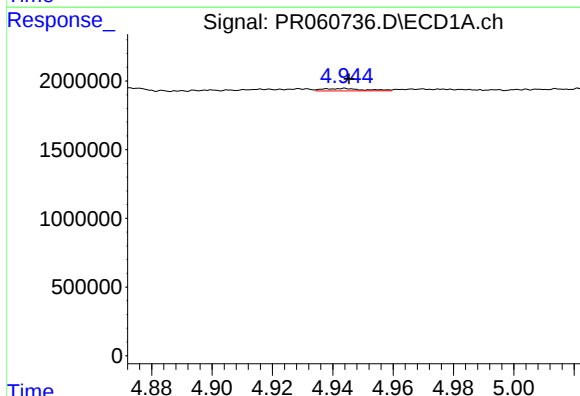
R.T.: 0.000 min
Exp R.T.: 4.636 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



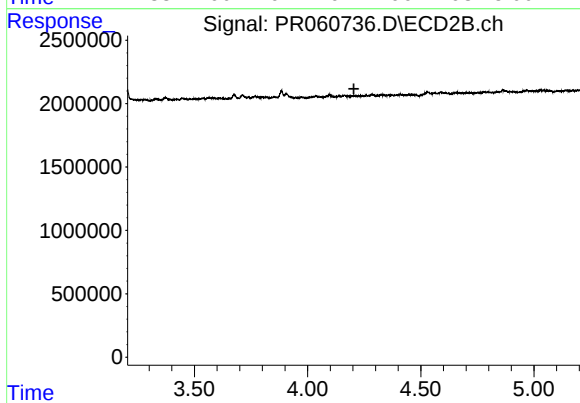
#12 AR-1232-2

R.T.: 4.037 min
Delta R.T.: 0.010 min
Response: 375944
Conc: 4.11 ng/ml



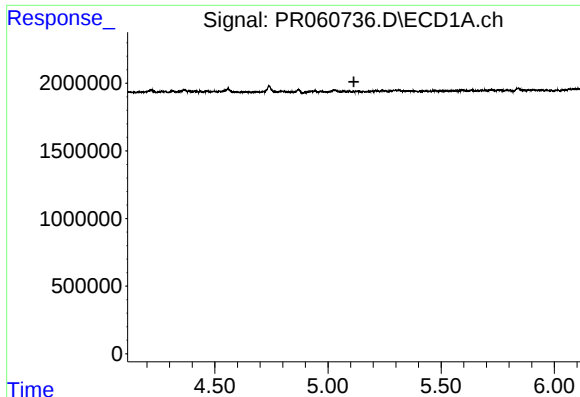
#13 AR-1232-3

R.T.: 4.944 min
Delta R.T.: -0.001 min
Response: 166614
Conc: 2.36 ng/ml



#13 AR-1232-3

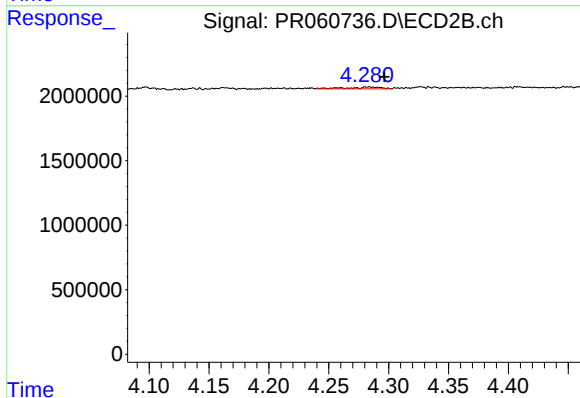
R.T.: 0.000 min
Exp R.T.: 4.205 min
Response: 0
Conc: N.D.



#14 AR-1232-4

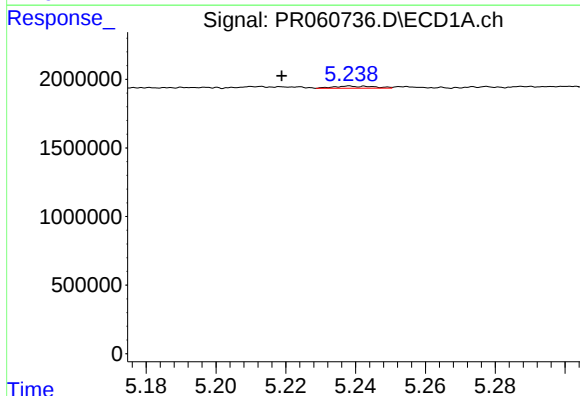
R.T.: 0.000 min
Exp R.T.: 5.114 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



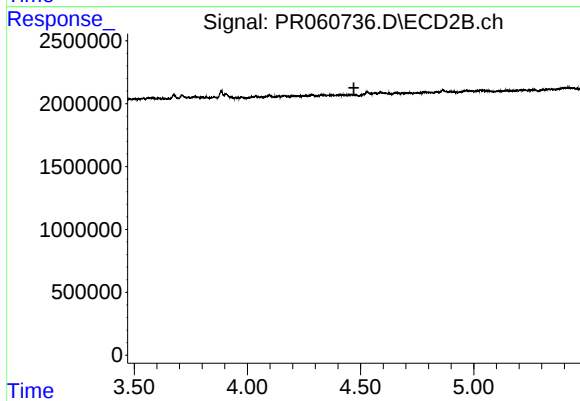
#14 AR-1232-4

R.T.: 4.282 min
Delta R.T.: -0.014 min
Response: 272684
Conc: 6.68 ng/ml



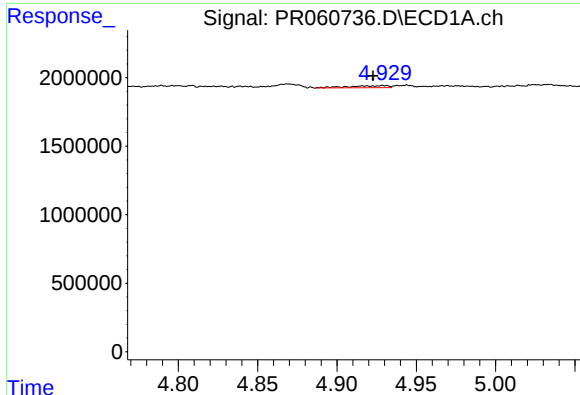
#15 AR-1232-5

R.T.: 5.238 min
Delta R.T.: 0.019 min
Response: 125158
Conc: 4.78 ng/ml



#15 AR-1232-5

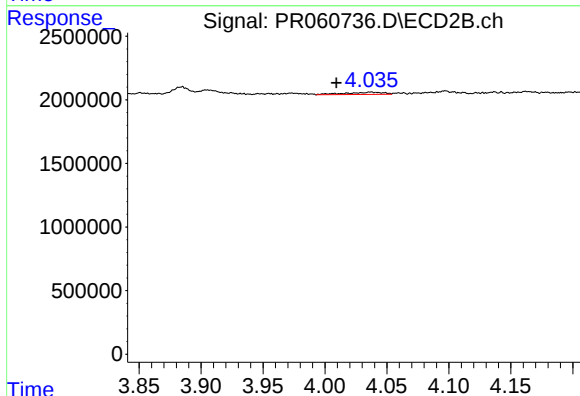
R.T.: 0.000 min
Exp R.T.: 4.471 min
Response: 0
Conc: N.D.



#16 AR-1242-1

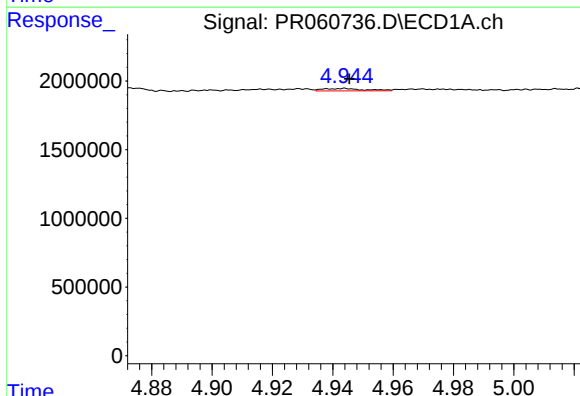
R.T.: 4.930 min
Delta R.T.: 0.007 min
Response: 245998
Conc: 2.79 ng/ml

Instrument :
ECD_R
ClientSampleId :



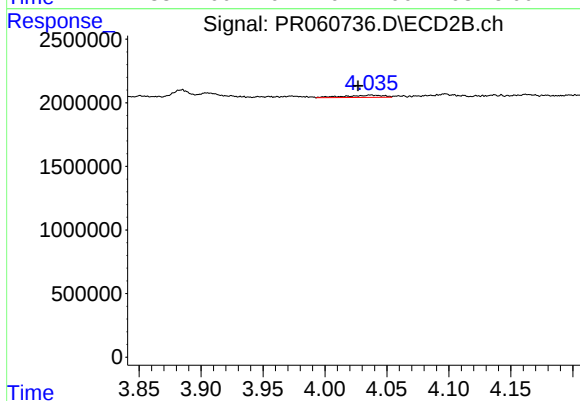
#16 AR-1242-1

R.T.: 4.037 min
Delta R.T.: 0.028 min
Response: 375944
Conc: 3.24 ng/ml



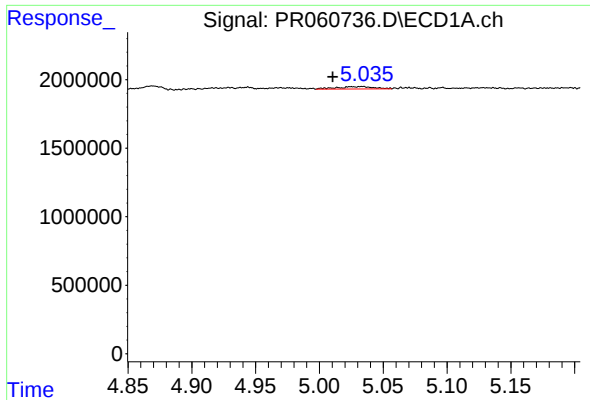
#17 AR-1242-2

R.T.: 4.944 min
Delta R.T.: -0.002 min
Response: 166614
Conc: 1.34 ng/ml



#17 AR-1242-2

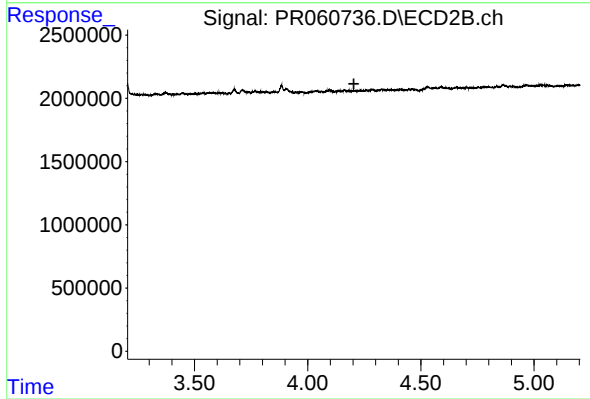
R.T.: 4.037 min
Delta R.T.: 0.010 min
Response: 375944
Conc: 2.25 ng/ml



#18 AR-1242-3

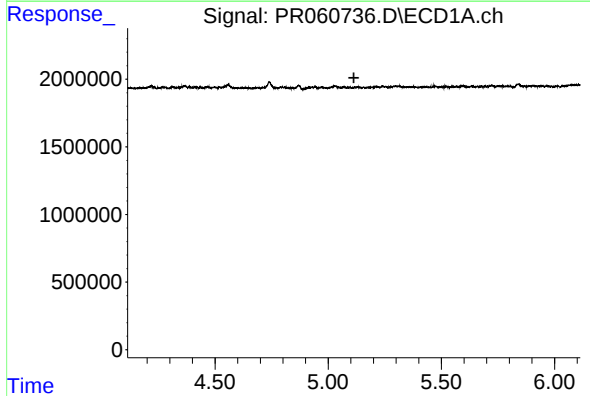
R.T.: 5.025 min
Delta R.T.: 0.015 min
Response: 345244
Conc: 4.42 ng/ml

Instrument :
ECD_R
ClientSampleId :



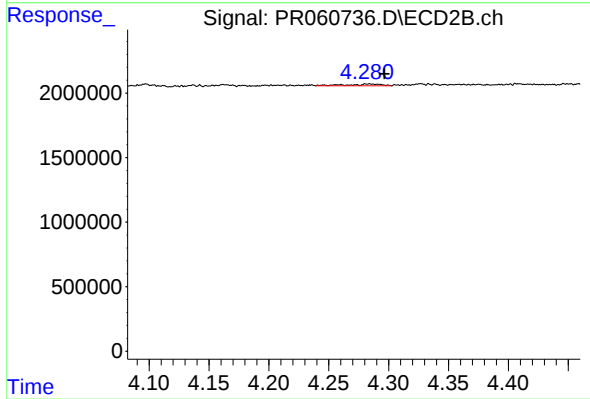
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 4.204 min
Response: 0
Conc: N.D.



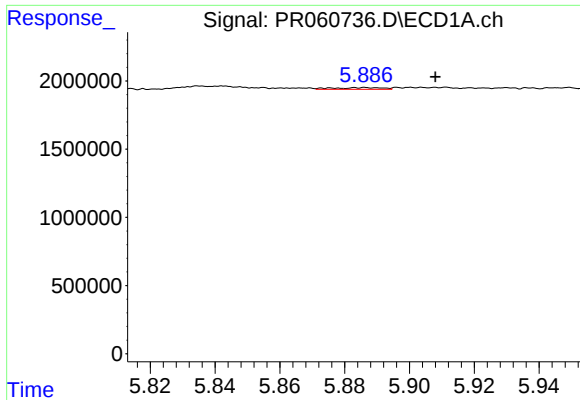
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 5.113 min
Response: 0
Conc: N.D.



#19 AR-1242-4

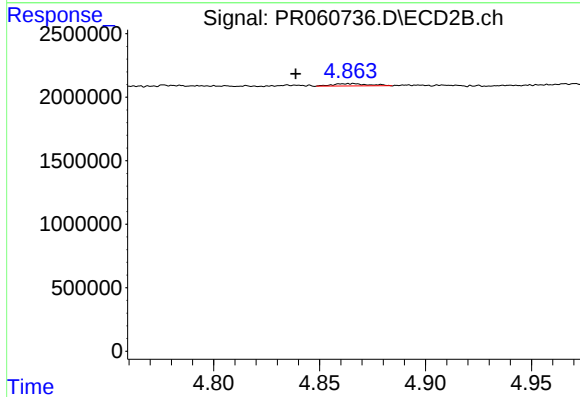
R.T.: 4.282 min
Delta R.T.: -0.014 min
Response: 272684
Conc: 3.37 ng/ml



#20 AR-1242-5

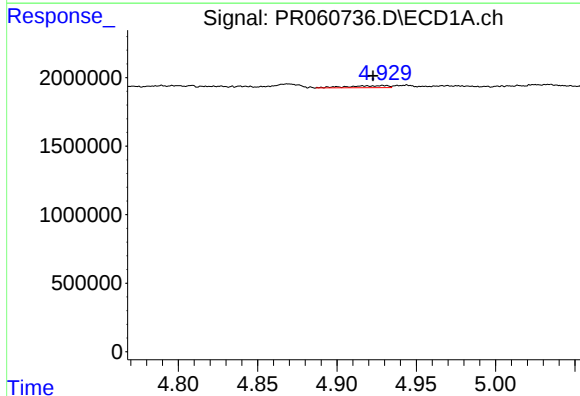
R.T.: 5.886 min
Delta R.T.: -0.022 min
Response: 131127
Conc: 1.89 ng/ml

Instrument :
ECD_R
ClientSampleId :



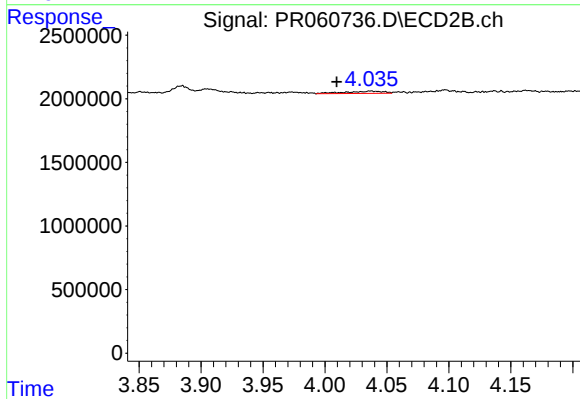
#20 AR-1242-5

R.T.: 4.865 min
Delta R.T.: 0.027 min
Response: 207382
Conc: 1.93 ng/ml



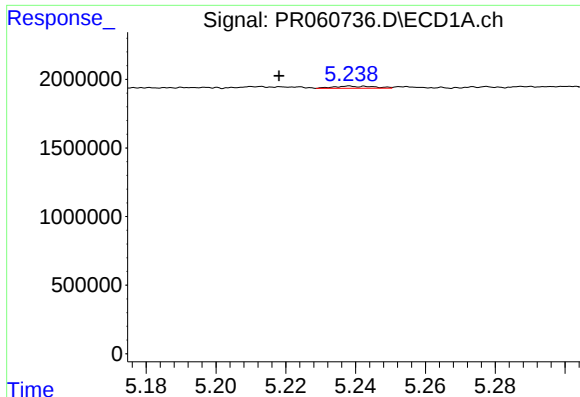
#21 AR-1248-1

R.T.: 4.930 min
Delta R.T.: 0.007 min
Response: 245998
Conc: 3.70 ng/ml



#21 AR-1248-1

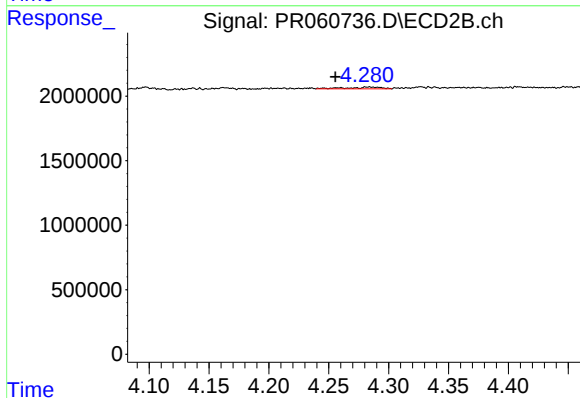
R.T.: 4.037 min
Delta R.T.: 0.027 min
Response: 375944
Conc: 4.37 ng/ml



#22 AR-1248-2

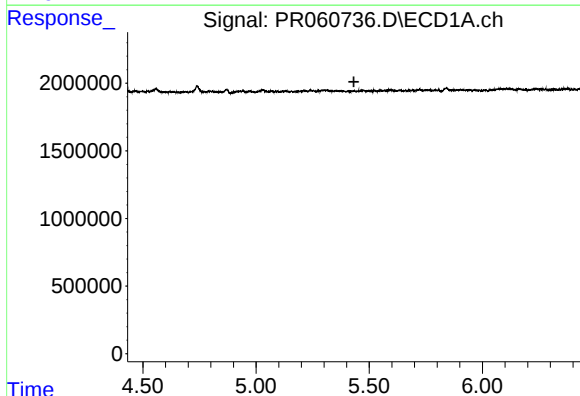
R.T.: 5.238 min
Delta R.T.: 0.020 min
Response: 125158
Conc: 1.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



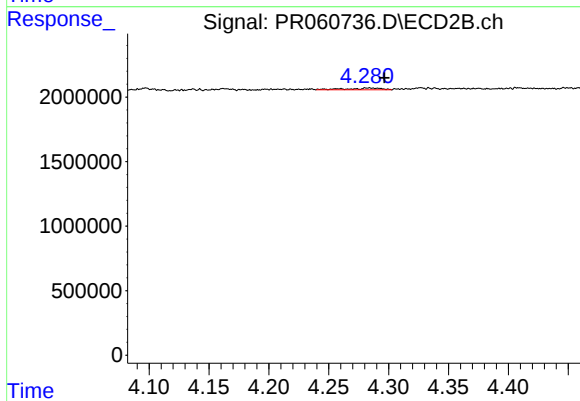
#22 AR-1248-2

R.T.: 4.282 min
Delta R.T.: 0.027 min
Response: 272684
Conc: 2.27 ng/ml



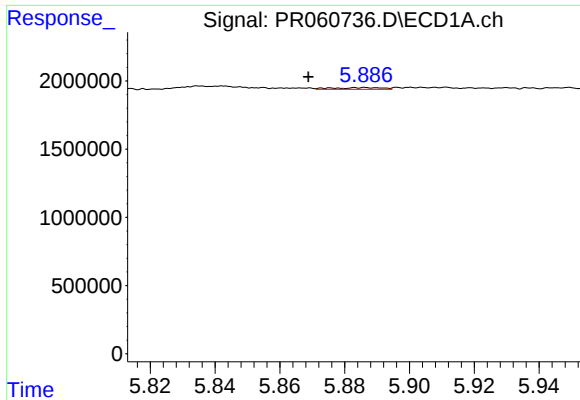
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T. : 5.432 min
Response: 0
Conc: N.D.



#23 AR-1248-3

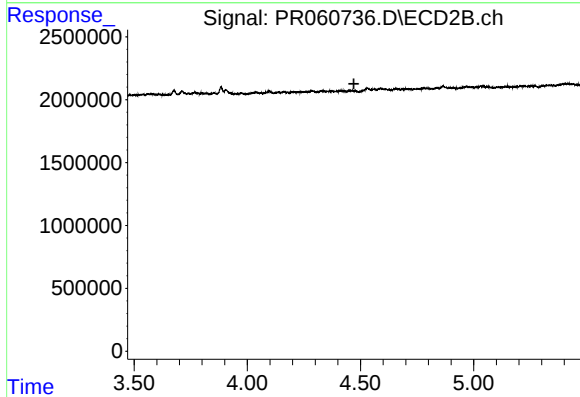
R.T.: 4.282 min
Delta R.T.: -0.014 min
Response: 272684
Conc: 2.24 ng/ml



#24 AR-1248-4

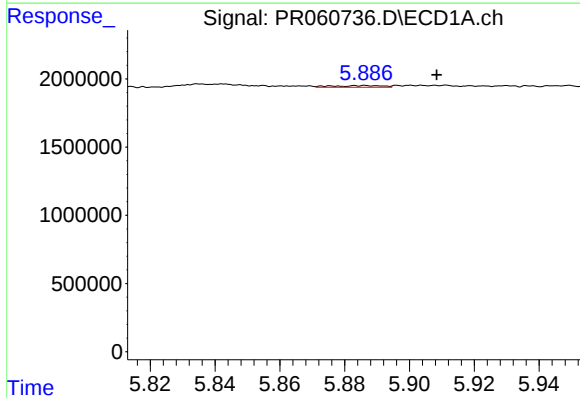
R.T.: 5.886 min
Delta R.T.: 0.017 min
Response: 131127
Conc: 1.09 ng/ml

Instrument :
ECD_R
ClientSampleId :



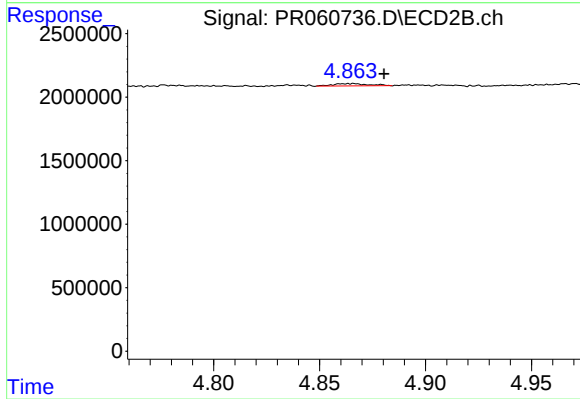
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 4.471 min
Response: 0
Conc: N.D.



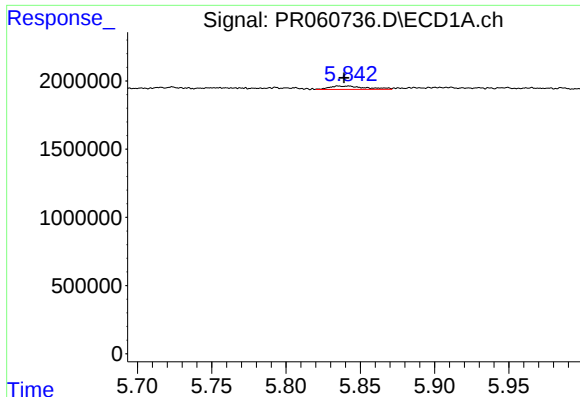
#25 AR-1248-5

R.T.: 5.886 min
Delta R.T.: -0.022 min
Response: 131127
Conc: 1.11 ng/ml



#25 AR-1248-5

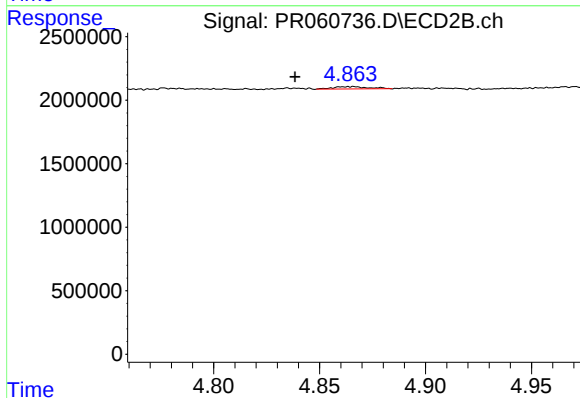
R.T.: 4.865 min
Delta R.T.: -0.015 min
Response: 207382
Conc: 1.35 ng/ml



#26 AR-1254-1

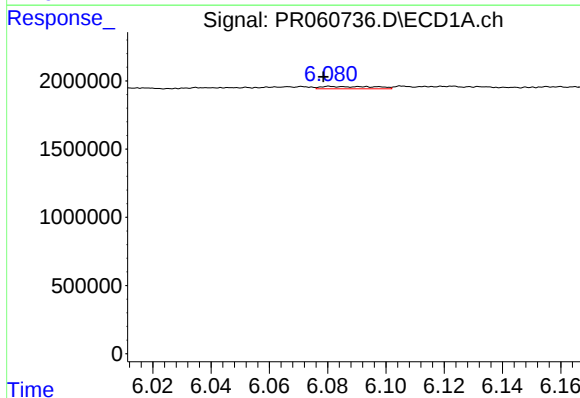
R.T.: 5.842 min
Delta R.T.: 0.003 min
Response: 419248
Conc: 3.48 ng/ml

Instrument :
ECD_R
ClientSampleId :



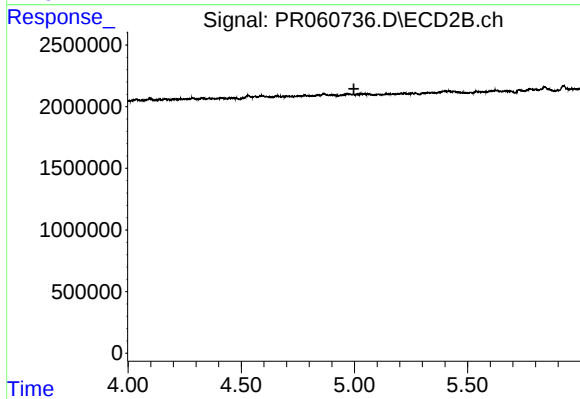
#26 AR-1254-1

R.T.: 4.865 min
Delta R.T.: 0.027 min
Response: 207382
Conc: 0.86 ng/ml



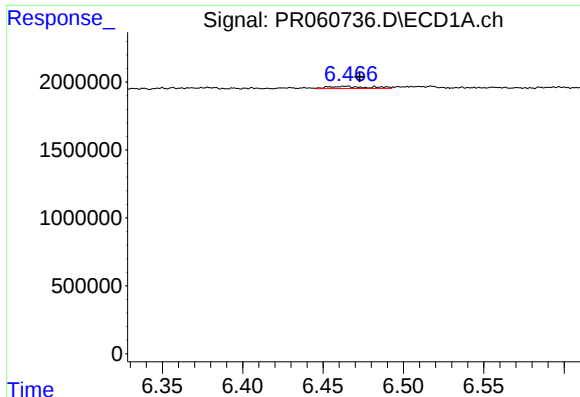
#27 AR-1254-2

R.T.: 6.081 min
Delta R.T.: 0.002 min
Response: 221337
Conc: 1.16 ng/ml



#27 AR-1254-2

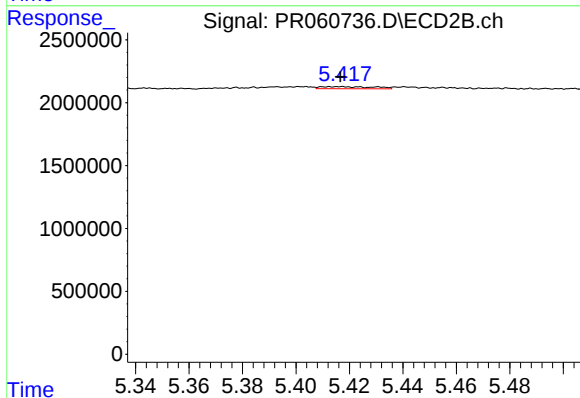
R.T.: 0.000 min
Exp R.T.: 4.997 min
Response: 0
Conc: N.D.



#28 AR-1254-3

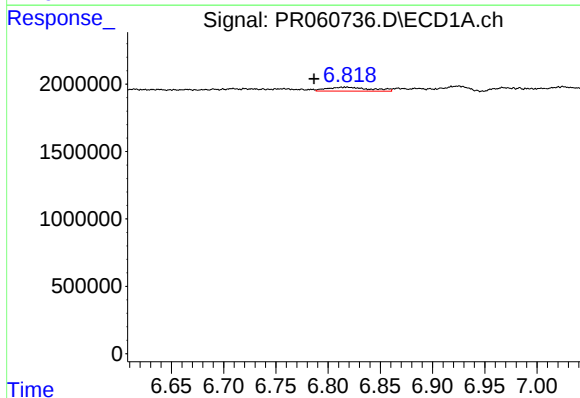
R.T.: 6.464 min
Delta R.T.: -0.008 min
Response: 286642
Conc: 1.40 ng/ml

Instrument :
ECD_R
ClientSampleId :



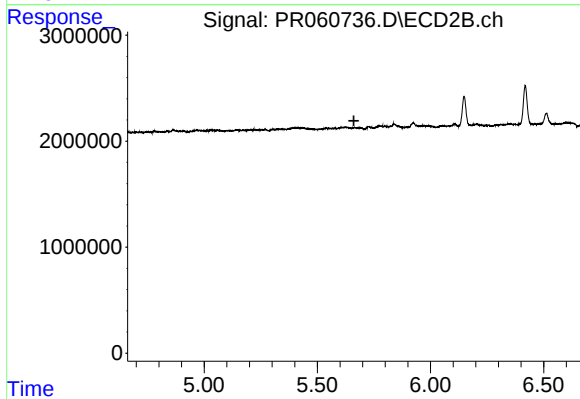
#28 AR-1254-3

R.T.: 5.417 min
Delta R.T.: 0.000 min
Response: 232579
Conc: 0.67 ng/ml



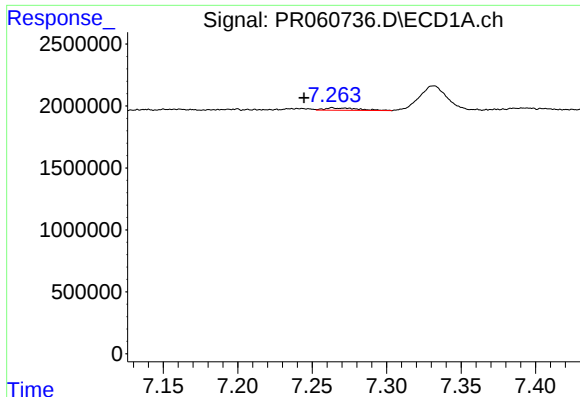
#29 AR-1254-4

R.T.: 6.813 min
Delta R.T.: 0.027 min
Response: 836645
Conc: 5.37 ng/ml



#29 AR-1254-4

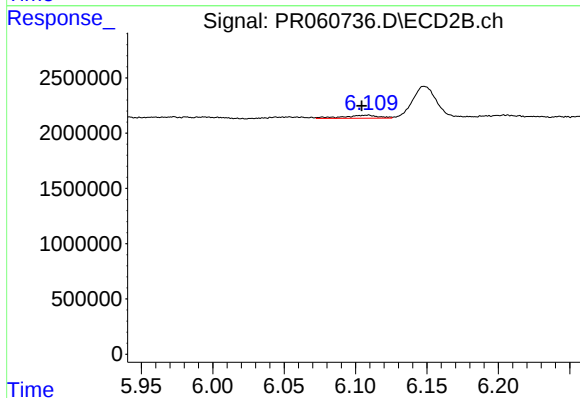
R.T.: 0.000 min
Exp R.T. : 5.662 min
Response: 0
Conc: N.D.



#30 AR-1254-5

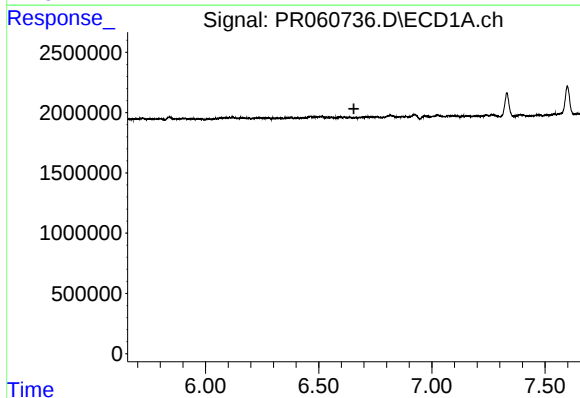
R.T.: 7.264 min
Delta R.T.: 0.019 min
Response: 299801
Conc: 1.78 ng/ml

Instrument :
ECD_R
ClientSampleId :



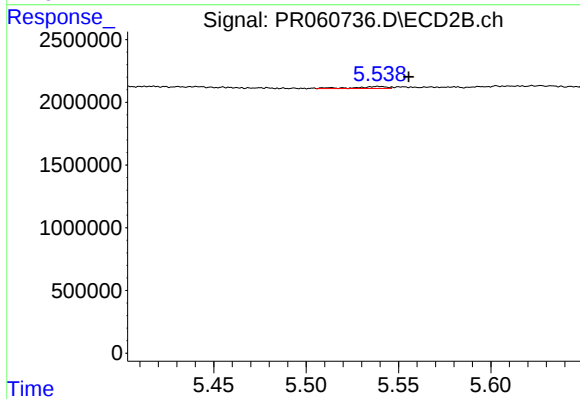
#30 AR-1254-5

R.T.: 6.109 min
Delta R.T.: 0.004 min
Response: 480747
Conc: 1.50 ng/ml



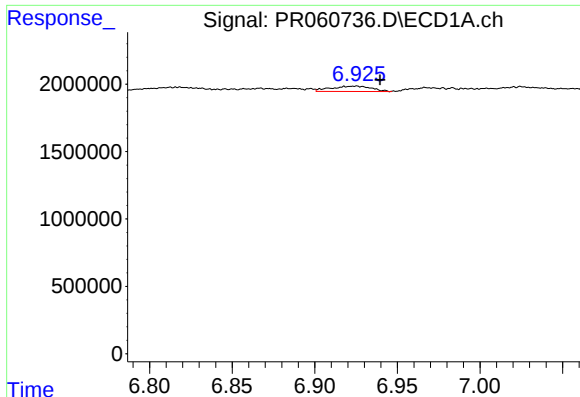
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.656 min
Response: 0
Conc: N.D.



#31 AR-1260-1

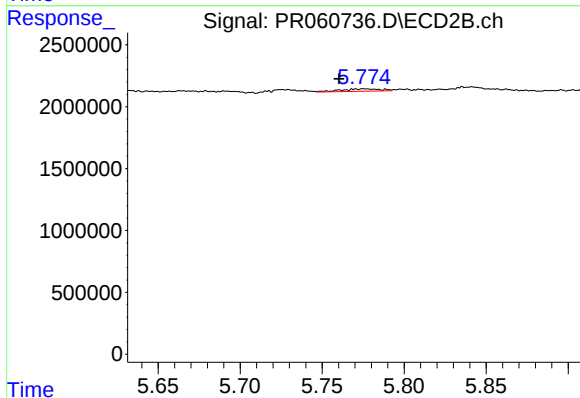
R.T.: 5.539 min
Delta R.T.: -0.016 min
Response: 190062
Conc: 0.78 ng/ml



#32 AR-1260-2

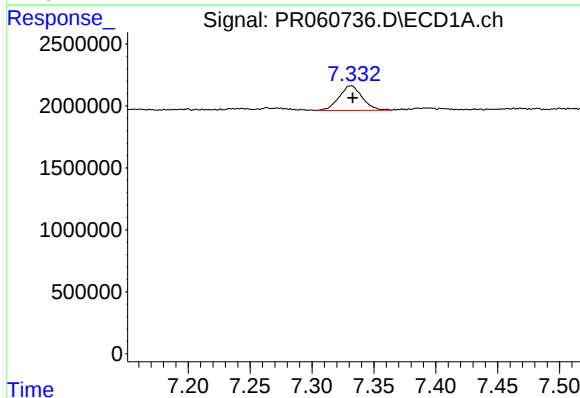
R.T.: 6.925 min
Delta R.T.: -0.015 min
Response: 675073
Conc: 3.50 ng/ml

Instrument :
ECD_R
ClientSampleId :



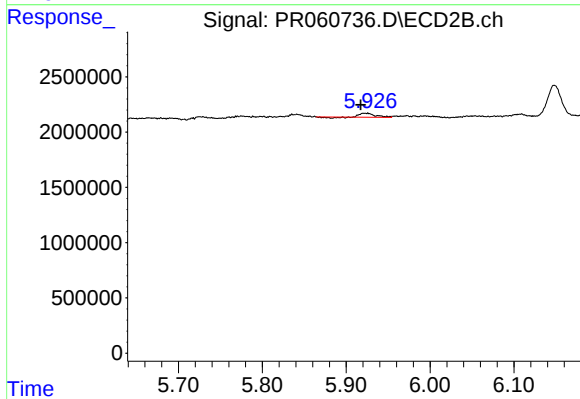
#32 AR-1260-2

R.T.: 5.776 min
Delta R.T.: 0.016 min
Response: 321136
Conc: 1.03 ng/ml



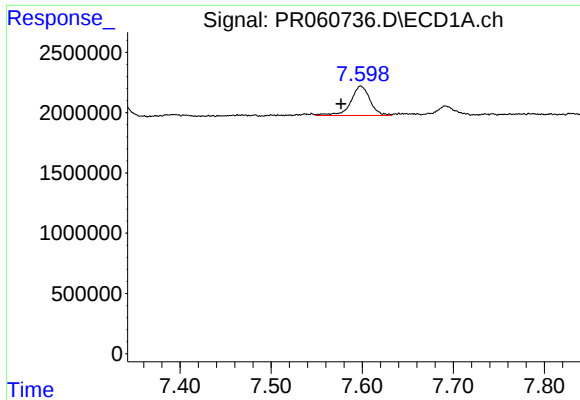
#33 AR-1260-3

R.T.: 7.332 min
Delta R.T.: -0.001 min
Response: 2579878
Conc: 18.12 ng/ml



#33 AR-1260-3

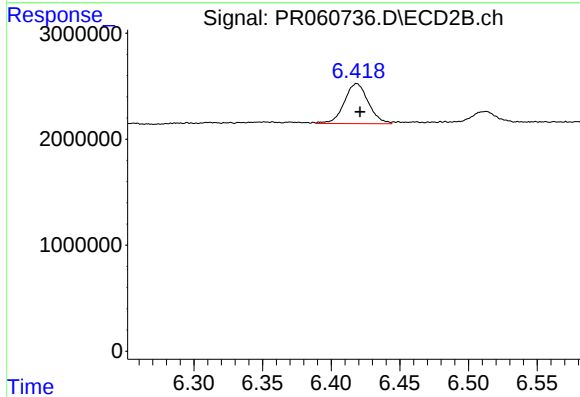
R.T.: 5.922 min
Delta R.T.: 0.004 min
Response: 428127
Conc: 1.52 ng/ml



#34 AR-1260-4

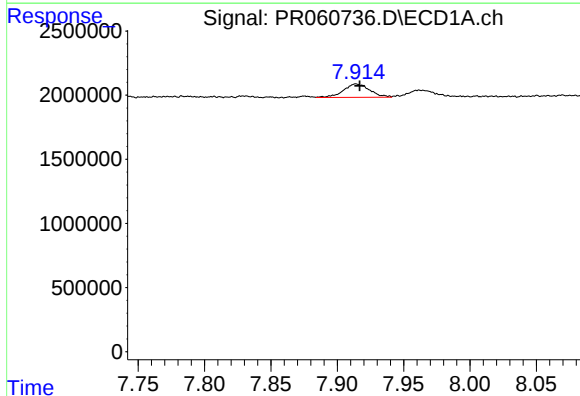
R.T.: 7.598 min
Delta R.T.: 0.022 min
Response: 3572371
Conc: 21.85 ng/ml

Instrument :
ECD_R
ClientSampleId :



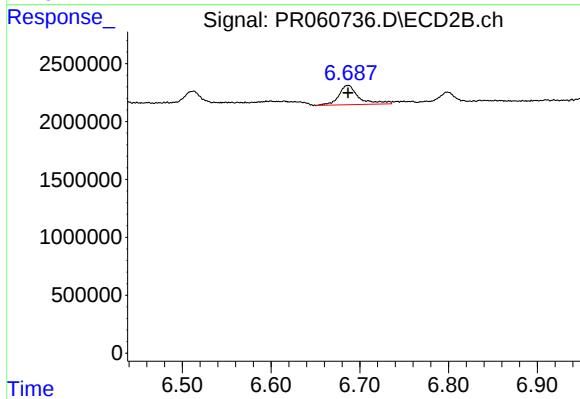
#34 AR-1260-4

R.T.: 6.419 min
Delta R.T.: -0.003 min
Response: 4599794
Conc: 19.11 ng/ml



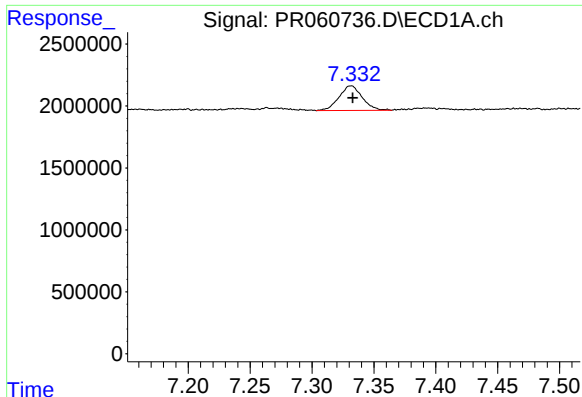
#35 AR-1260-5

R.T.: 7.914 min
Delta R.T.: -0.003 min
Response: 1448331
Conc: 4.58 ng/ml



#35 AR-1260-5

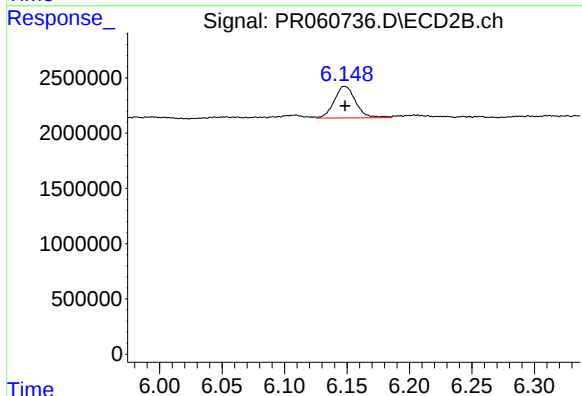
R.T.: 6.687 min
Delta R.T.: 0.000 min
Response: 2627550
Conc: 4.51 ng/ml



#36 AR-1262-1

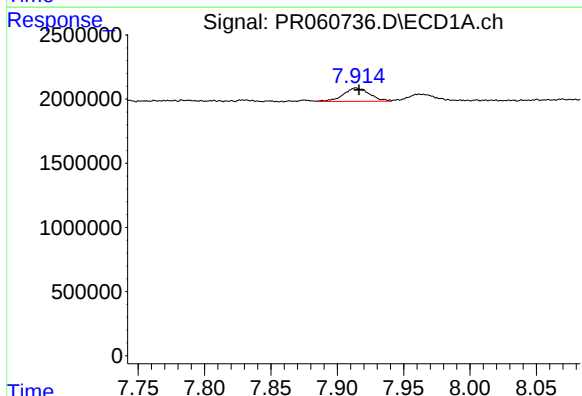
R.T.: 7.332 min
Delta R.T.: -0.001 min
Response: 2579878
Conc: 13.65 ng/ml

Instrument :
ECD_R
ClientSampleId :



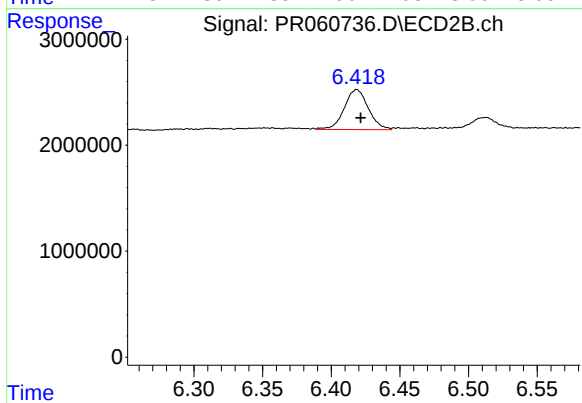
#36 AR-1262-1

R.T.: 6.148 min
Delta R.T.: 0.000 min
Response: 3412570
Conc: 10.82 ng/ml



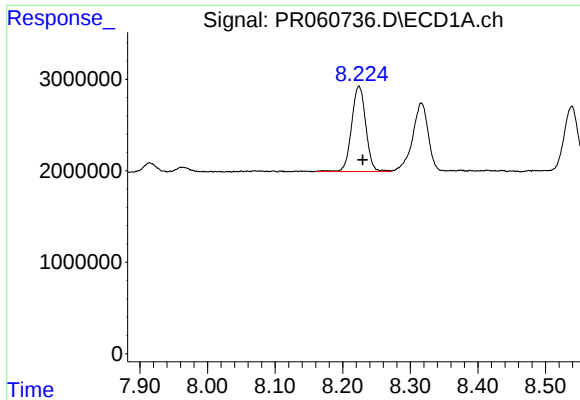
#37 AR-1262-2

R.T.: 7.914 min
Delta R.T.: -0.002 min
Response: 1448331
Conc: 4.30 ng/ml



#37 AR-1262-2

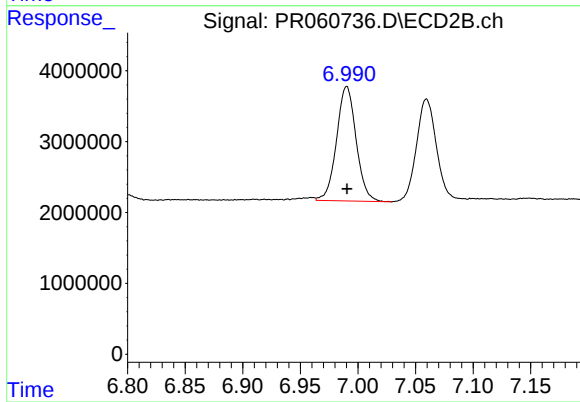
R.T.: 6.419 min
Delta R.T.: -0.003 min
Response: 4599794
Conc: 15.96 ng/ml



#38 AR-1262-3

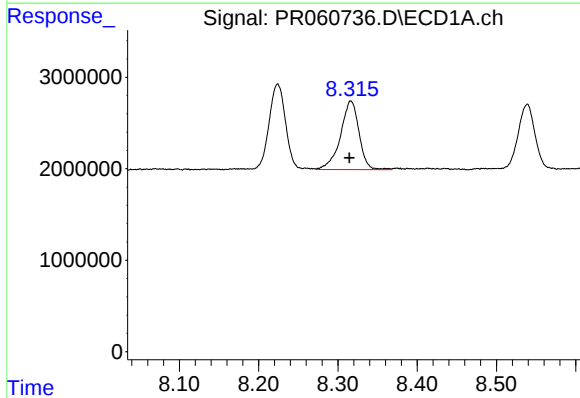
R.T.: 8.224 min
Delta R.T.: -0.006 min
Response: 13628169
Conc: 59.18 ng/ml

Instrument :
ECD_R
ClientSampleId :



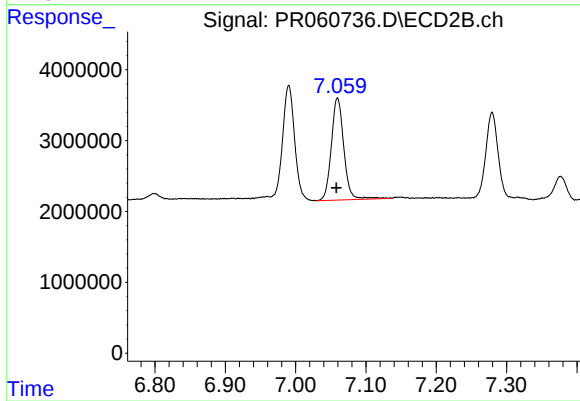
#38 AR-1262-3

R.T.: 6.990 min
Delta R.T.: 0.000 min
Response: 19126587
Conc: 84.45 ng/ml



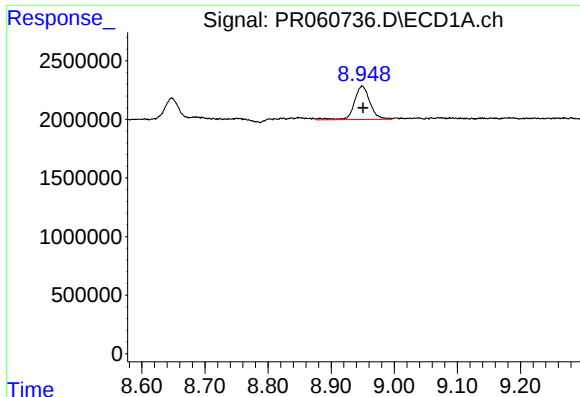
#39 AR-1262-4

R.T.: 8.316 min
Delta R.T.: 0.002 min
Response: 12254256
Conc: 69.63 ng/ml



#39 AR-1262-4

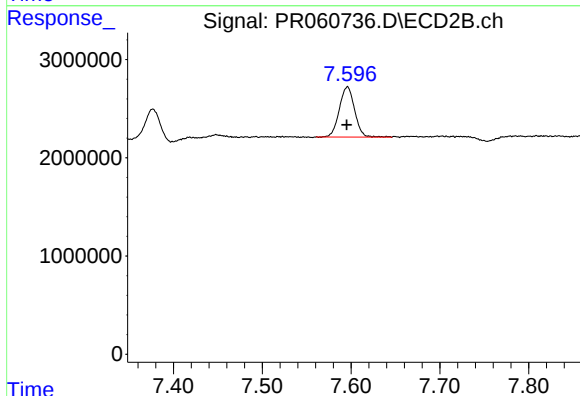
R.T.: 7.060 min
Delta R.T.: 0.002 min
Response: 17767092
Conc: 41.32 ng/ml



#40 AR-1262-5

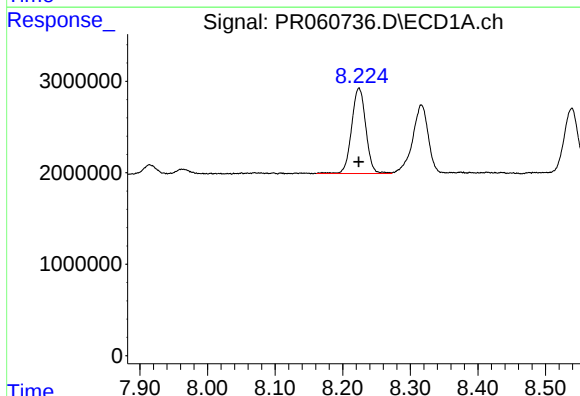
R.T.: 8.949 min
Delta R.T.: -0.001 min
Response: 4960266
Conc: 39.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



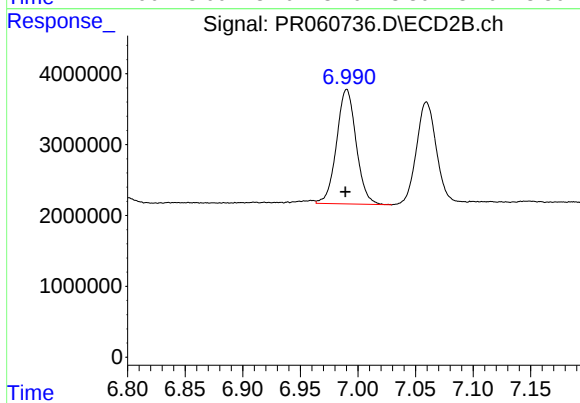
#40 AR-1262-5

R.T.: 7.596 min
Delta R.T.: 0.000 min
Response: 6104613
Conc: 30.49 ng/ml



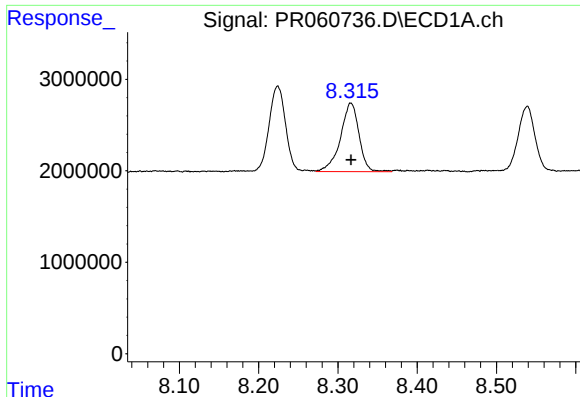
#41 AR-1268-1

R.T.: 8.224 min
Delta R.T.: 0.000 min
Response: 13628169
Conc: 32.97 ng/ml



#41 AR-1268-1

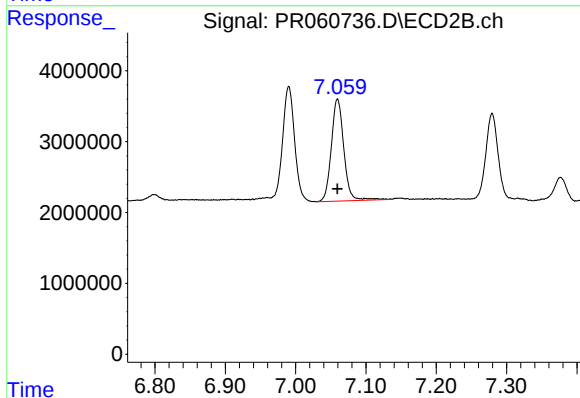
R.T.: 6.990 min
Delta R.T.: 0.000 min
Response: 19126587
Conc: 25.96 ng/ml



#42 AR-1268-2

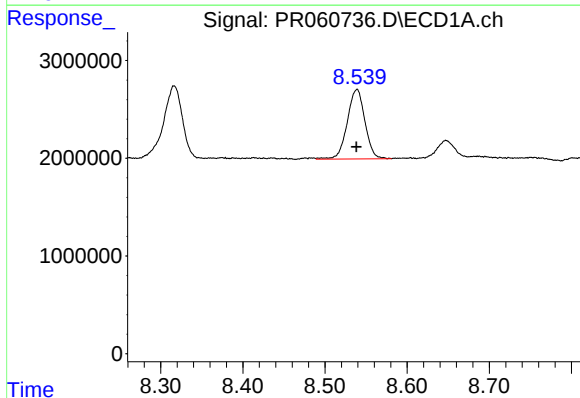
R.T.: 8.316 min
Delta R.T.: 0.000 min
Response: 12254256
Conc: 32.58 ng/ml

Instrument :
ECD_R
ClientSampleId :



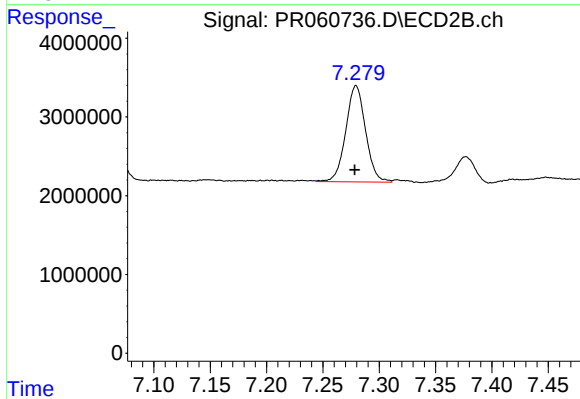
#42 AR-1268-2

R.T.: 7.060 min
Delta R.T.: 0.000 min
Response: 17767092
Conc: 26.57 ng/ml



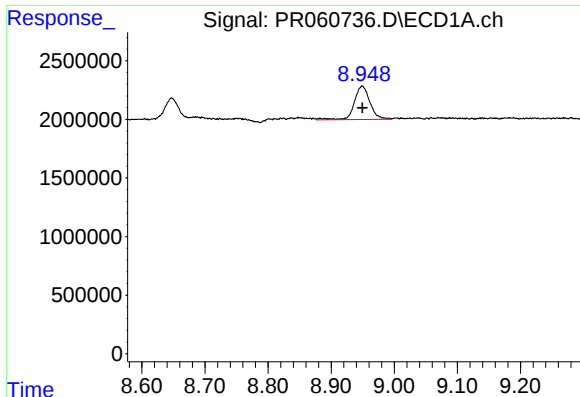
#43 AR-1268-3

R.T.: 8.539 min
Delta R.T.: 0.000 min
Response: 10672962
Conc: 33.28 ng/ml



#43 AR-1268-3

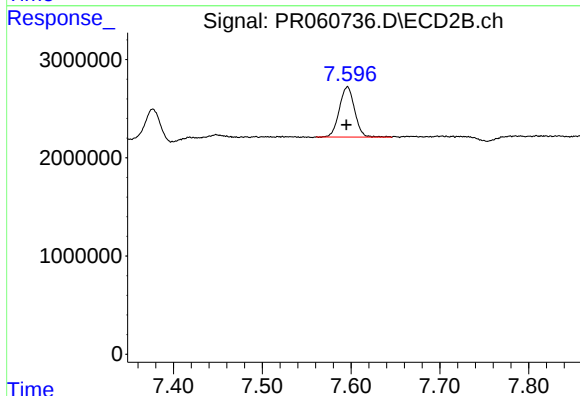
R.T.: 7.279 min
Delta R.T.: 0.001 min
Response: 14961620
Conc: 26.32 ng/ml



#44 AR-1268-4

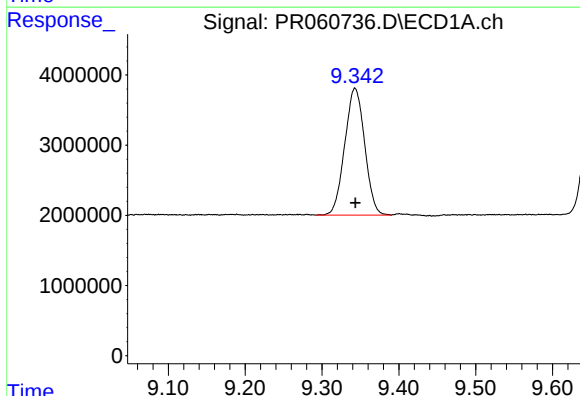
R.T.: 8.949 min
Delta R.T.: 0.000 min
Response: 4960266
Conc: 34.52 ng/ml

Instrument :
ECD_R
ClientSampleId :



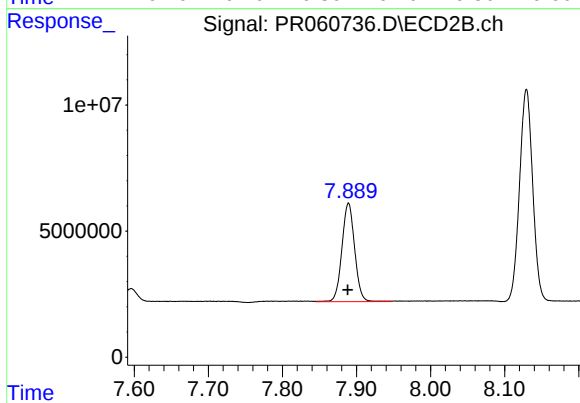
#44 AR-1268-4

R.T.: 7.596 min
Delta R.T.: 0.001 min
Response: 6104613
Conc: 26.18 ng/ml



#45 AR-1268-5

R.T.: 9.343 min
Delta R.T.: 0.000 min
Response: 32547916
Conc: 30.80 ng/ml



#45 AR-1268-5

R.T.: 7.889 min
Delta R.T.: 0.001 min
Response: 46739880
Conc: 24.86 ng/ml