

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR040823\
 Data File : PR060718.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Apr 2023 16:49
 Operator : AJ\MA
 Sample : 02213-01
 Misc : AR1660 LOD 25 PPB
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 08 01:48:12 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	2.900	66000857	90896784	21.619	21.358
2)	SA Decachlor...	9.661	8.127	68124596	98049681	24.015	22.554
Target Compounds							
3)	L1 AR-1016-1	4.922	4.009	3638731	4050823	32.869	27.395
4)	L1 AR-1016-2	4.945	4.026	4676774	5722307	30.050	26.976
5)	L1 AR-1016-3	5.009	4.204	3457524	2971216	35.437	26.963
6)	L1 AR-1016-4	5.113	4.255	2265609	2496684	29.114	29.206
7)	L1 AR-1016-5	5.431	4.470	2488791	3125647	31.292	27.368
8)	L2 AR-1221-1	3.905	3.122	879144	505560	22.191	10.645 #
9)	L2 AR-1221-2	4.002	3.202	1307246	1663756	45.023	46.901
10)	L2 AR-1221-3	4.079	3.285	1782482	2097295	19.937	18.533
11)	L3 AR-1232-1	4.079	3.285	1782482	2097295	23.944	22.481
12)	L3 AR-1232-2	4.634	4.026	2569691	5722307	70.687	62.571
13)	L3 AR-1232-3	4.945	4.204	4676774	2971216	66.374	64.135
14)	L3 AR-1232-4	5.113	4.295	2265609	2982623	65.683	73.059
15)	L3 AR-1232-5	5.217	4.470	2132727	3125647	81.380	66.521
16)	L4 AR-1242-1	4.922	4.009	3638731	4050823	41.234	34.878
17)	L4 AR-1242-2	4.945	4.026	4676774	5722307	37.699	34.319
18)	L4 AR-1242-3	5.009	4.204	3457524	2971216	44.253	34.631
19)	L4 AR-1242-4	5.113	4.295	2265609	2982623	36.177	36.876
20)	L4 AR-1242-5	5.906	4.838	935935	3197678	13.518	29.684 #
21)	L5 AR-1248-1	4.922	4.009	3638731	4050823	54.756	47.110
22)	L5 AR-1248-2	5.217	4.255	2132727	2496684	24.019	20.764
23)	L5 AR-1248-3	5.431	4.295	2488791	2982623	23.639	24.468
24)	L5 AR-1248-4	5.867	4.470	947750	3125647	7.883	20.707 #
25)	L5 AR-1248-5	5.906	4.879	935935	943191	7.906	6.136
26)	L6 AR-1254-1	5.839	4.838	2601068	3197678	21.596	13.226 #
27)	L6 AR-1254-2	6.079	4.997	2181229	2211800	11.441	10.586
28)	L6 AR-1254-3	6.472	5.434f	1450427	4688663	7.069	13.473 #
29)	L6 AR-1254-4	6.785	5.660	615893	409978	3.956	1.859 #
30)	L6 AR-1254-5	7.243	6.103	7063901	9391264	41.985	29.302 #
31)	L7 AR-1260-1	6.654	5.555	5358140	7779854	33.633	31.742
32)	L7 AR-1260-2	6.939	5.760	6479434	8524224	33.578	27.428
33)	L7 AR-1260-3	7.331	5.917	4627484	7805965	32.508	27.804
34)	L7 AR-1260-4	7.575	6.421	5590959	6633501	34.198	27.558
35)	L7 AR-1260-5	7.916	6.686	10101866	14700295	31.942	25.249
36)	L8 AR-1262-1	7.331	6.147	4627484	7029722	24.482	22.286
37)	L8 AR-1262-2	7.916	6.421	10101866	6633501	29.983	23.020
38)	L8 AR-1262-3	8.232	6.989	6651555	3990401	28.885	17.619 #
39)	L8 AR-1262-4	8.313	7.055	2087975	11387965	11.864	26.483 #
40)	L8 AR-1262-5	8.950	7.594	3763692	4012227	30.043	20.038 #
41)	L9 AR-1268-1	8.232	6.989	6651555	3990401	16.092	5.415 #

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 Operator : AJ\MA
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 Misc : AR1660 LOD 25 PPB
 ALS Vial : 17 Sample Multiplier: 1

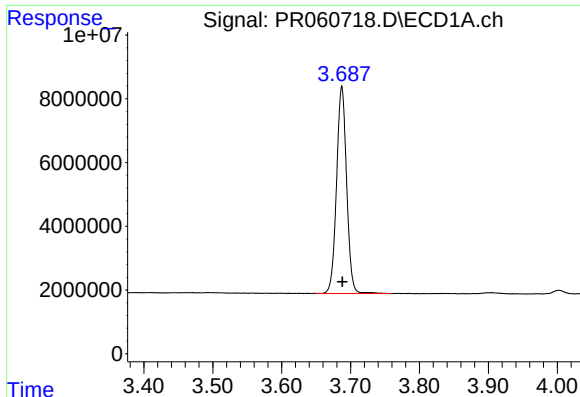
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 08 01:48:12 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR040823.M
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.313	7.055	2087975	11387965	5.551	17.032 #
43) L9	AR-1268-3	8.537	7.276	406288	2320672	1.267	4.083 #
44) L9	AR-1268-4	8.950	7.594	3763692	4012227	26.192	17.206 #
45) L9	AR-1268-5	9.339	7.887	1167314	1607247	1.105	0.855

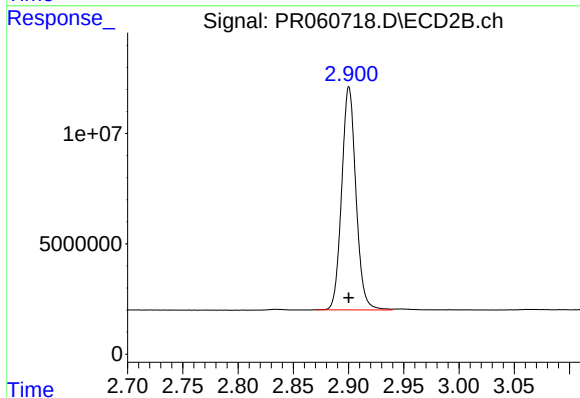
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

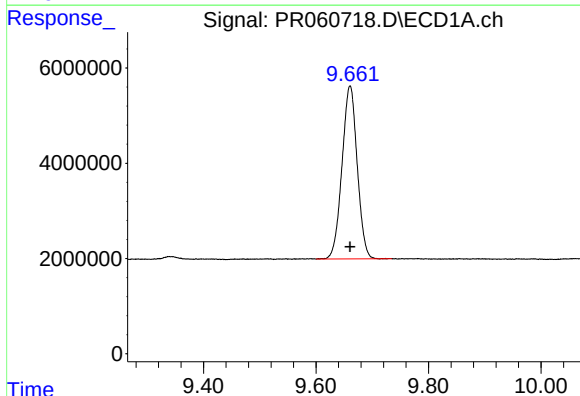
R.T.: 3.687 min
Delta R.T.: 0.000 min
Response: 66000857
Conc: 21.62 ng/ml

Instrument :
ECD_R
ClientSampleId :



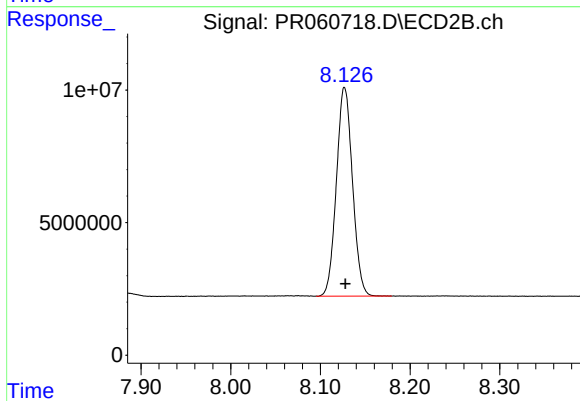
#1 Tetrachloro-m-xylene

R.T.: 2.900 min
Delta R.T.: 0.000 min
Response: 90896784
Conc: 21.36 ng/ml



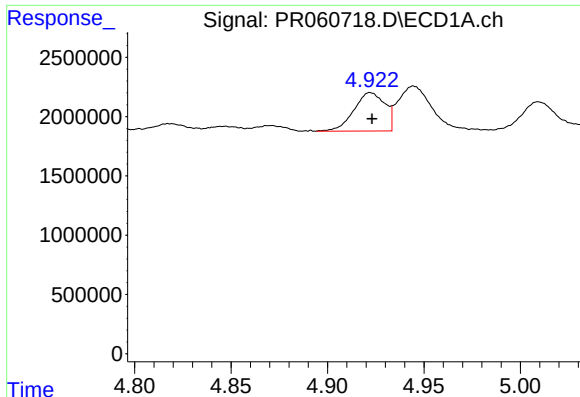
#2 Decachlorobiphenyl

R.T.: 9.661 min
Delta R.T.: 0.000 min
Response: 68124596
Conc: 24.02 ng/ml



#2 Decachlorobiphenyl

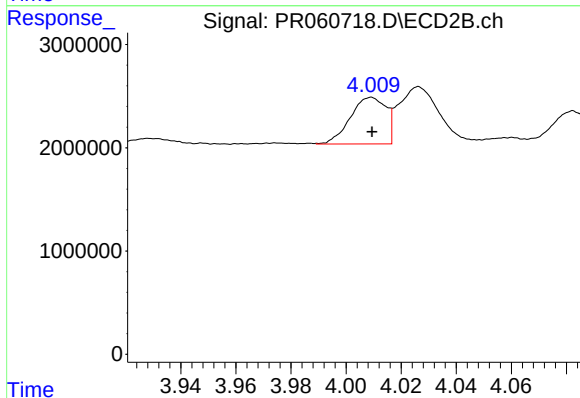
R.T.: 8.127 min
Delta R.T.: -0.001 min
Response: 98049681
Conc: 22.55 ng/ml



#3 AR-1016-1

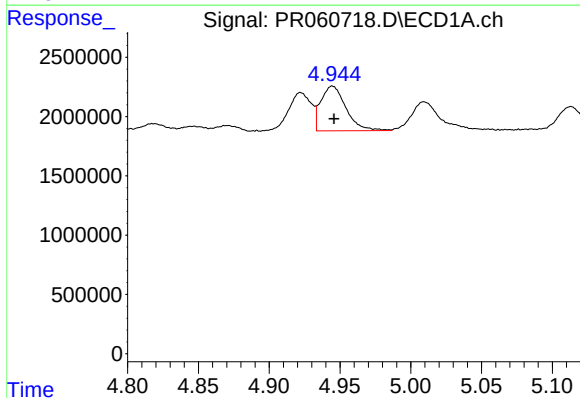
R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 3638731
Conc: 32.87 ng/ml

Instrument :
ECD_R
ClientSampleId :



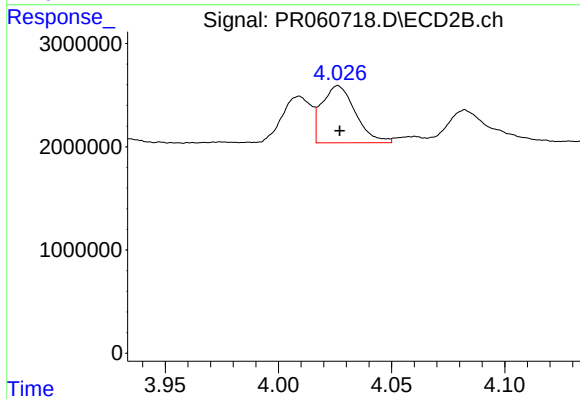
#3 AR-1016-1

R.T.: 4.009 min
Delta R.T.: 0.000 min
Response: 4050823
Conc: 27.39 ng/ml



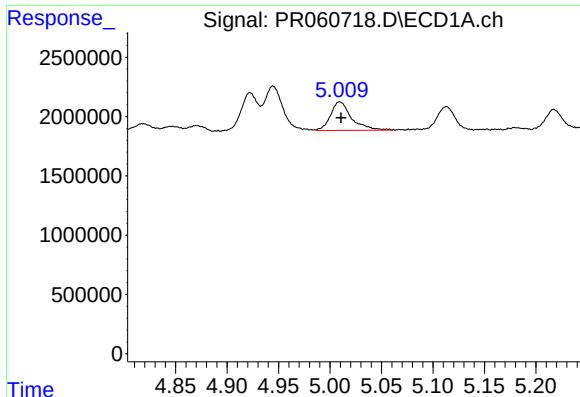
#4 AR-1016-2

R.T.: 4.945 min
Delta R.T.: -0.001 min
Response: 4676774
Conc: 30.05 ng/ml



#4 AR-1016-2

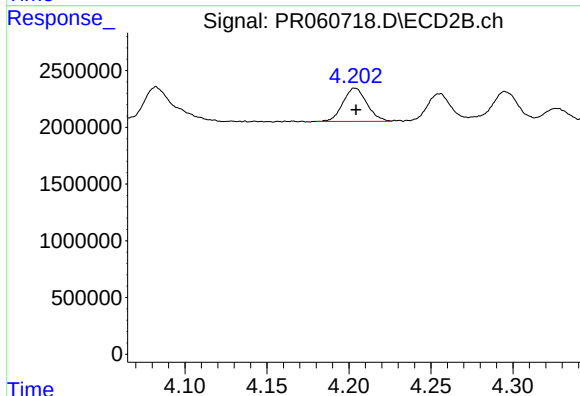
R.T.: 4.026 min
Delta R.T.: 0.000 min
Response: 5722307
Conc: 26.98 ng/ml



#5 AR-1016-3

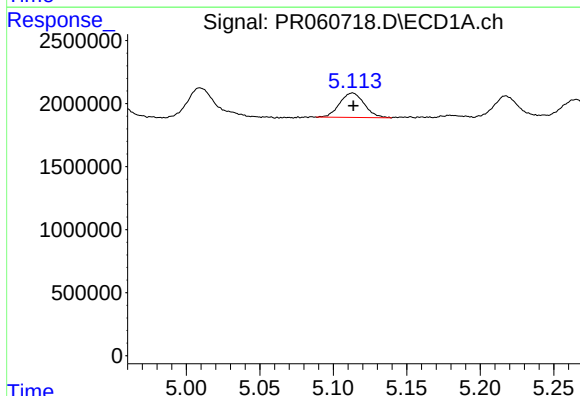
R.T.: 5.009 min
Delta R.T.: -0.001 min
Response: 3457524
Conc: 35.44 ng/ml

Instrument :
ECD_R
ClientSampleId :



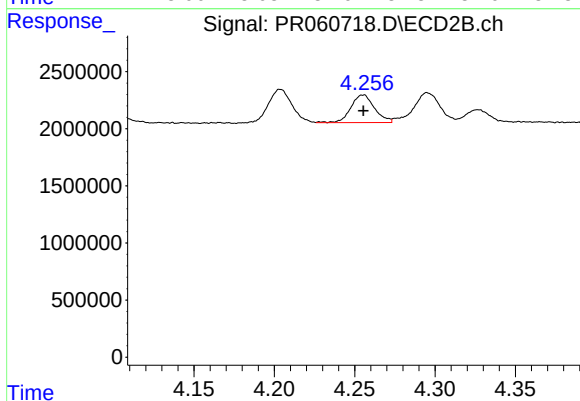
#5 AR-1016-3

R.T.: 4.204 min
Delta R.T.: 0.000 min
Response: 2971216
Conc: 26.96 ng/ml



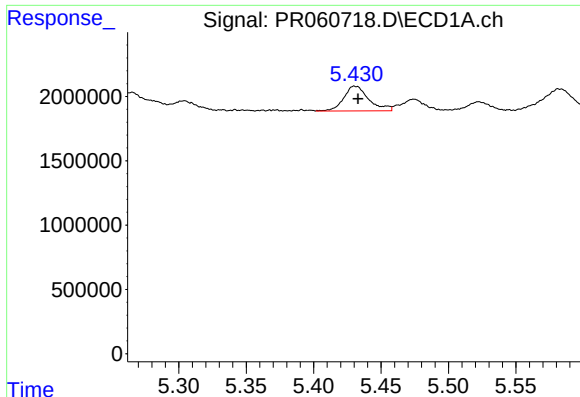
#6 AR-1016-4

R.T.: 5.113 min
Delta R.T.: 0.000 min
Response: 2265609
Conc: 29.11 ng/ml



#6 AR-1016-4

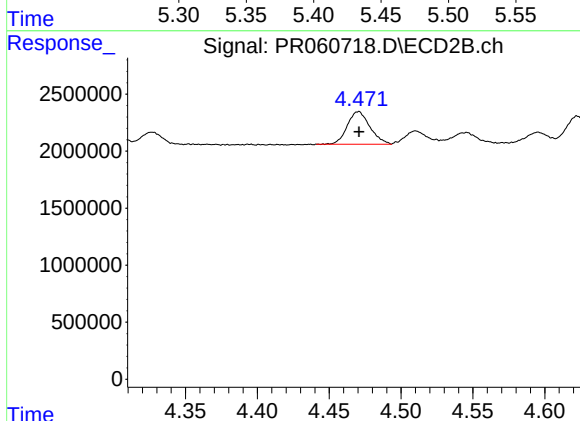
R.T.: 4.255 min
Delta R.T.: 0.000 min
Response: 2496684
Conc: 29.21 ng/ml



#7 AR-1016-5

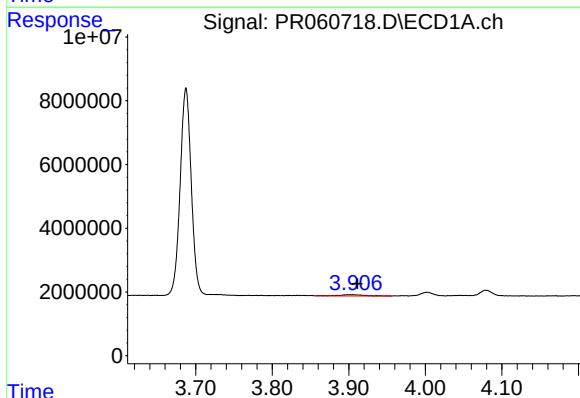
R.T.: 5.431 min
Delta R.T.: -0.002 min
Response: 2488791
Conc: 31.29 ng/ml

Instrument :
ECD_R
ClientSampleId :



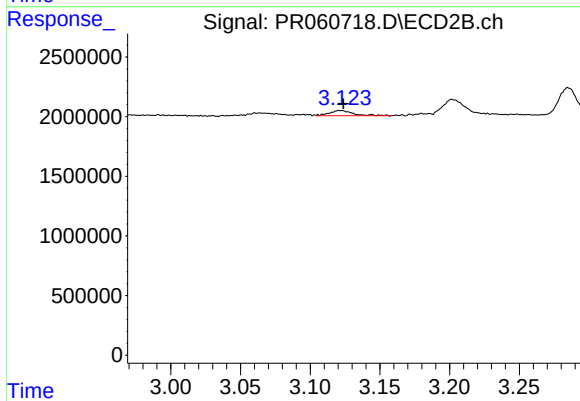
#7 AR-1016-5

R.T.: 4.470 min
Delta R.T.: 0.000 min
Response: 3125647
Conc: 27.37 ng/ml



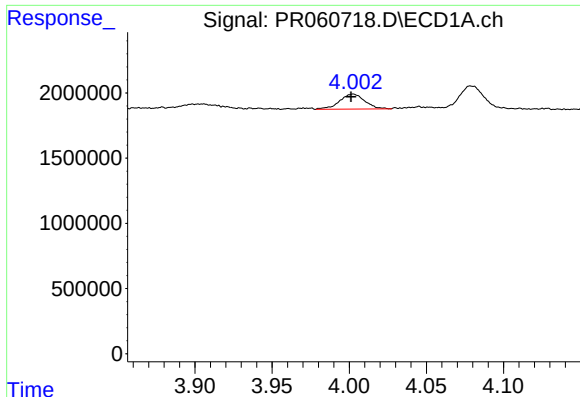
#8 AR-1221-1

R.T.: 3.905 min
Delta R.T.: -0.007 min
Response: 879144
Conc: 22.19 ng/ml



#8 AR-1221-1

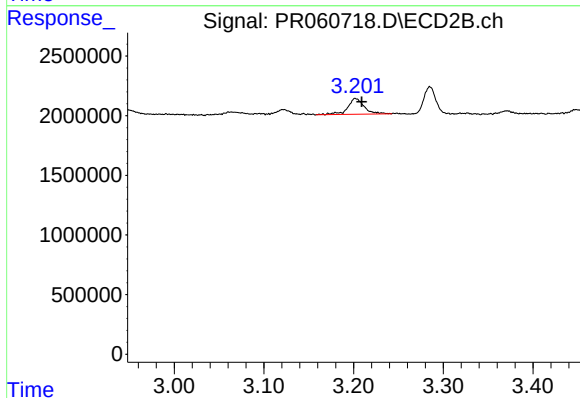
R.T.: 3.122 min
Delta R.T.: -0.002 min
Response: 505560
Conc: 10.64 ng/ml



#9 AR-1221-2

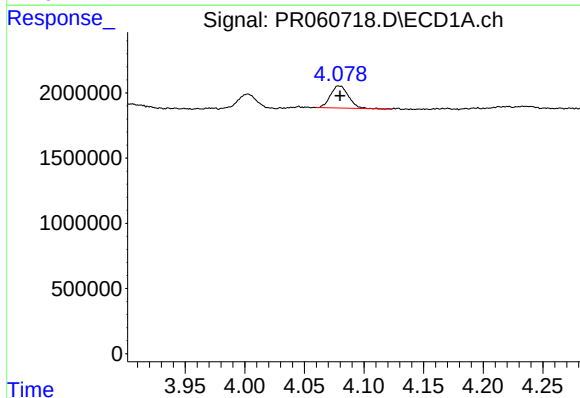
R.T.: 4.002 min
Delta R.T.: 0.001 min
Response: 1307246
Conc: 45.02 ng/ml

Instrument :
ECD_R
ClientSampleId :



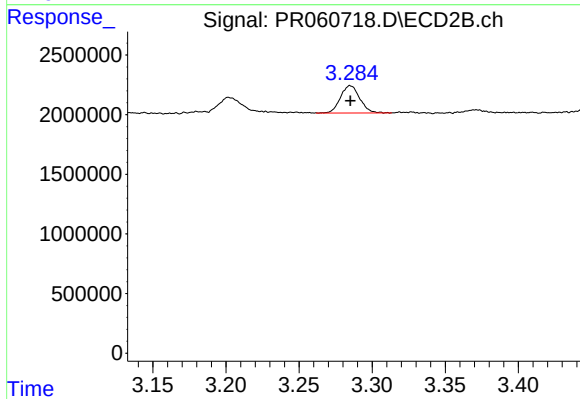
#9 AR-1221-2

R.T.: 3.202 min
Delta R.T.: -0.007 min
Response: 1663756
Conc: 46.90 ng/ml



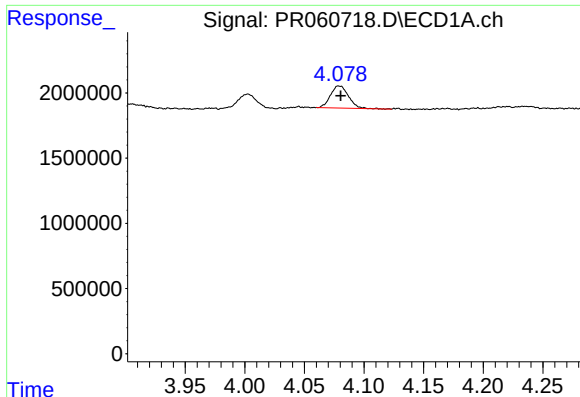
#10 AR-1221-3

R.T.: 4.079 min
Delta R.T.: 0.000 min
Response: 1782482
Conc: 19.94 ng/ml



#10 AR-1221-3

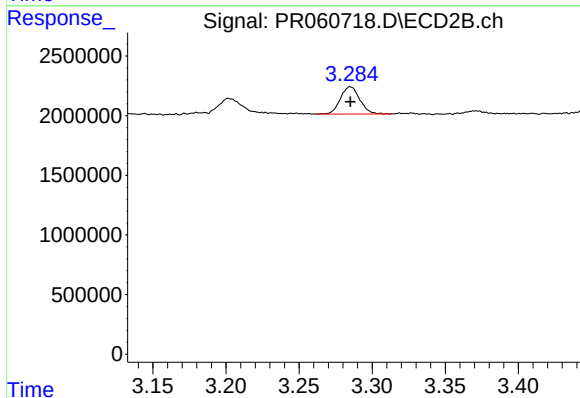
R.T.: 3.285 min
Delta R.T.: 0.000 min
Response: 2097295
Conc: 18.53 ng/ml



#11 AR-1232-1

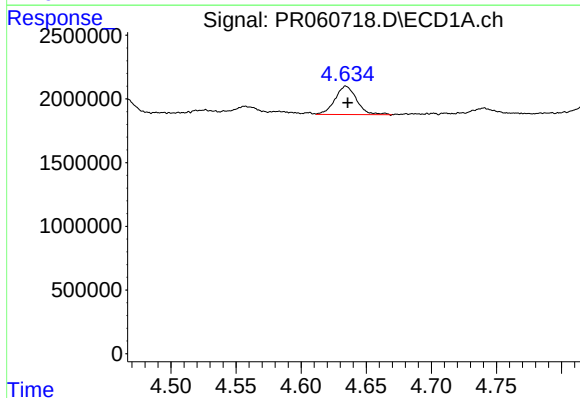
R.T.: 4.079 min
Delta R.T.: -0.001 min
Response: 1782482
Conc: 23.94 ng/ml

Instrument :
ECD_R
ClientSampleId :



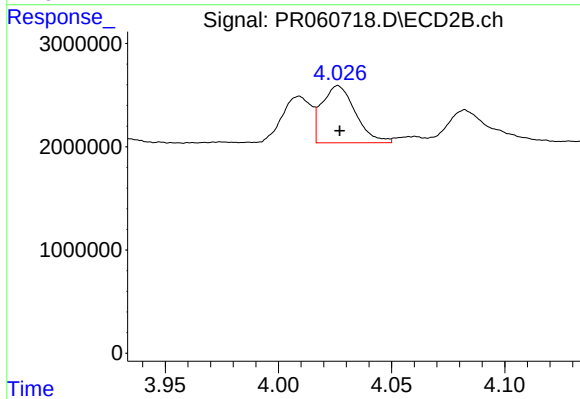
#11 AR-1232-1

R.T.: 3.285 min
Delta R.T.: 0.000 min
Response: 2097295
Conc: 22.48 ng/ml



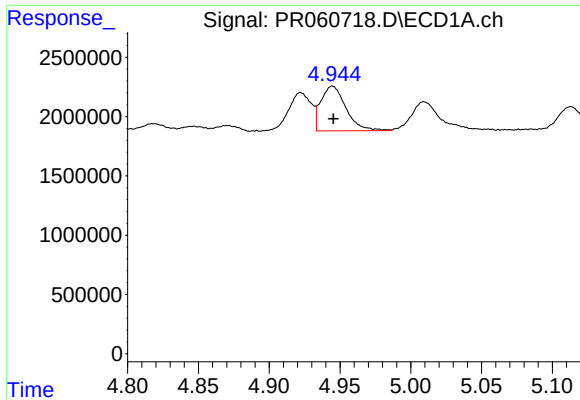
#12 AR-1232-2

R.T.: 4.634 min
Delta R.T.: -0.001 min
Response: 2569691
Conc: 70.69 ng/ml



#12 AR-1232-2

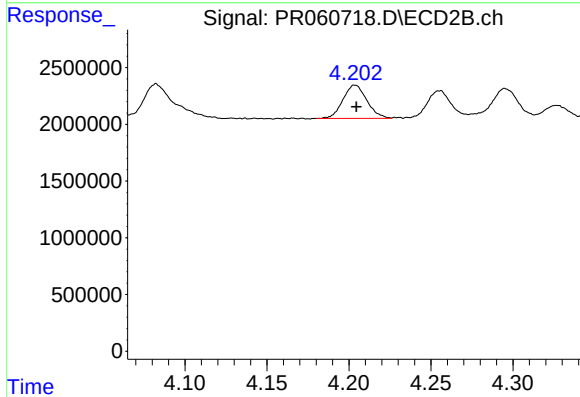
R.T.: 4.026 min
Delta R.T.: 0.000 min
Response: 5722307
Conc: 62.57 ng/ml



#13 AR-1232-3

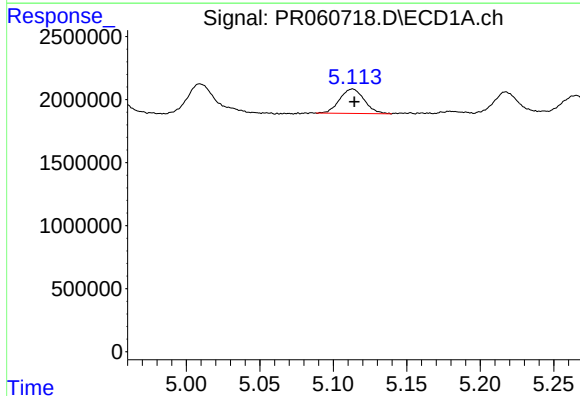
R.T.: 4.945 min
Delta R.T.: 0.000 min
Response: 4676774
Conc: 66.37 ng/ml

Instrument :
ECD_R
ClientSampleId :



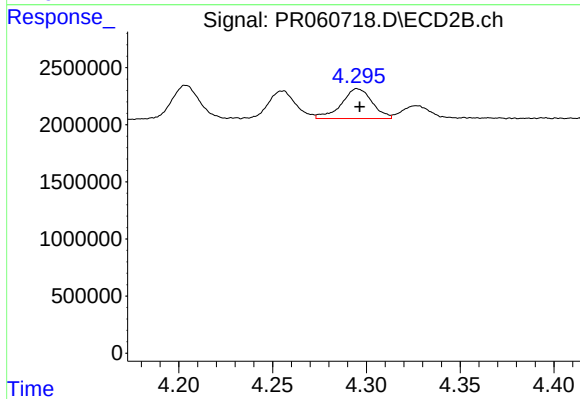
#13 AR-1232-3

R.T.: 4.204 min
Delta R.T.: 0.000 min
Response: 2971216
Conc: 64.14 ng/ml



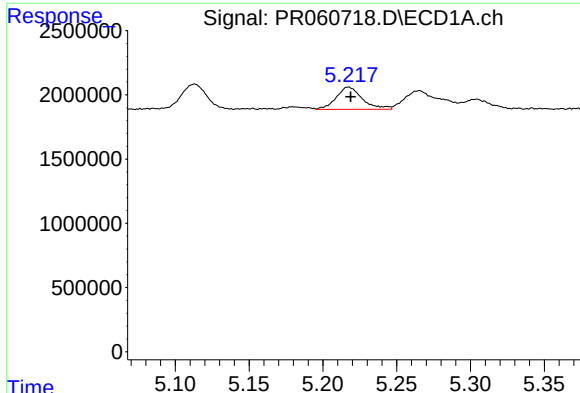
#14 AR-1232-4

R.T.: 5.113 min
Delta R.T.: -0.001 min
Response: 2265609
Conc: 65.68 ng/ml



#14 AR-1232-4

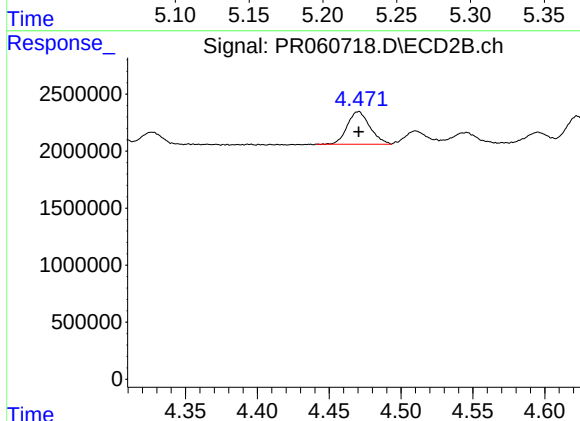
R.T.: 4.295 min
Delta R.T.: -0.001 min
Response: 2982623
Conc: 73.06 ng/ml



#15 AR-1232-5

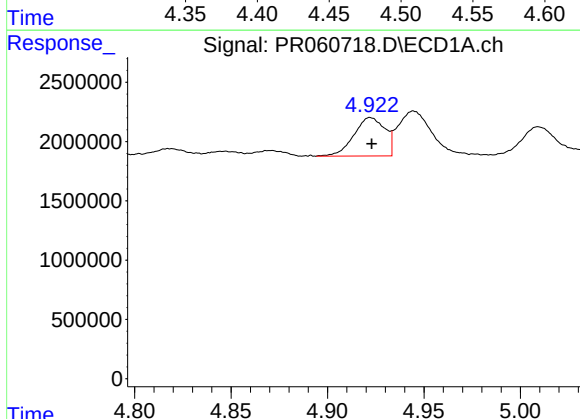
R.T.: 5.217 min
Delta R.T.: -0.002 min
Response: 2132727
Conc: 81.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



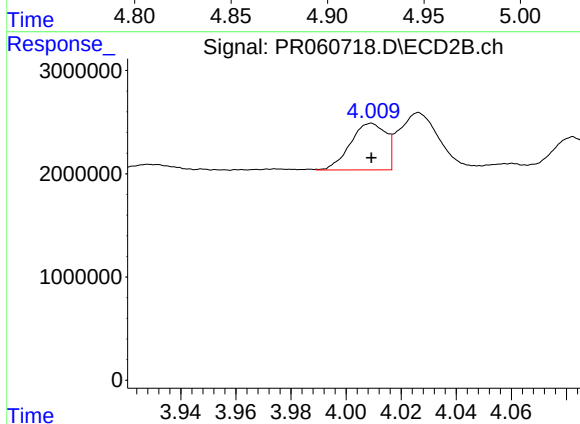
#15 AR-1232-5

R.T.: 4.470 min
Delta R.T.: 0.000 min
Response: 3125647
Conc: 66.52 ng/ml



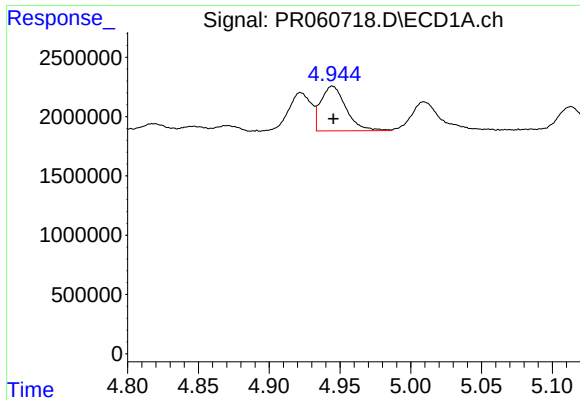
#16 AR-1242-1

R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 3638731
Conc: 41.23 ng/ml



#16 AR-1242-1

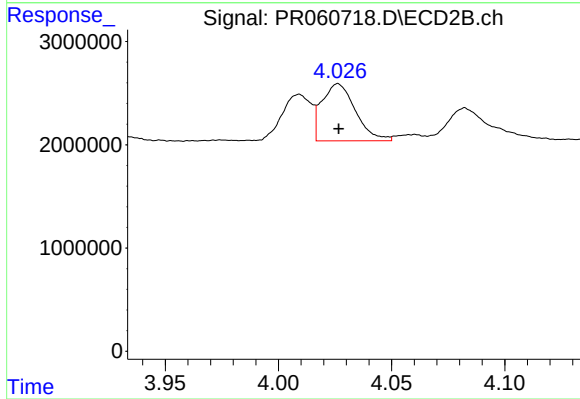
R.T.: 4.009 min
Delta R.T.: 0.000 min
Response: 4050823
Conc: 34.88 ng/ml



#17 AR-1242-2

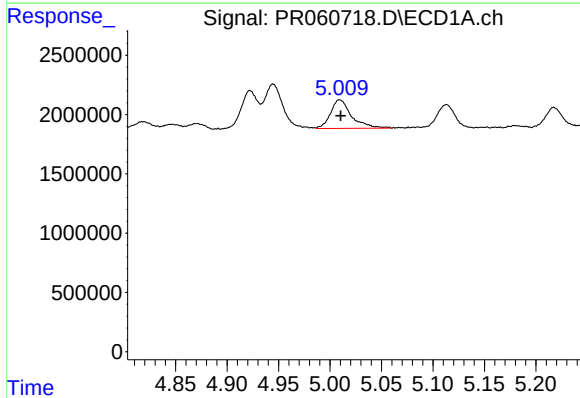
R.T.: 4.945 min
Delta R.T.: 0.000 min
Response: 4676774
Conc: 37.70 ng/ml

Instrument :
ECD_R
ClientSampleId :



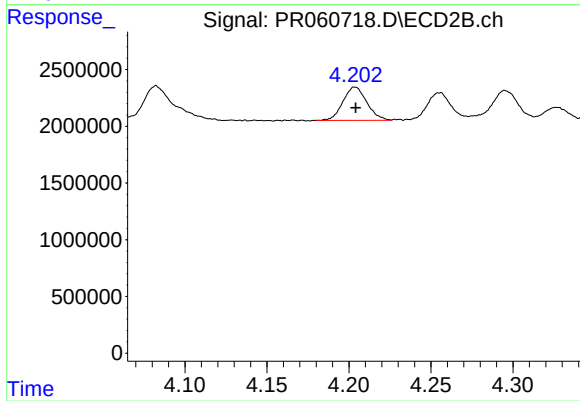
#17 AR-1242-2

R.T.: 4.026 min
Delta R.T.: 0.000 min
Response: 5722307
Conc: 34.32 ng/ml



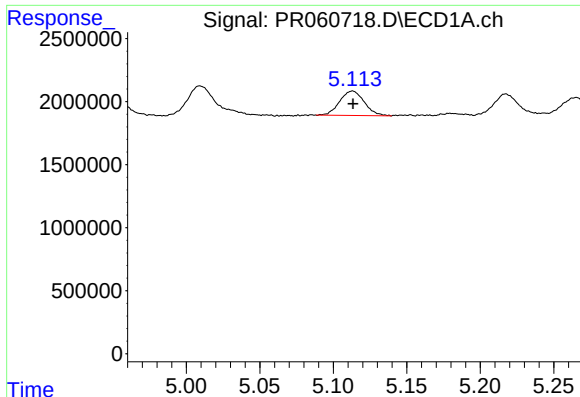
#18 AR-1242-3

R.T.: 5.009 min
Delta R.T.: -0.001 min
Response: 3457524
Conc: 44.25 ng/ml



#18 AR-1242-3

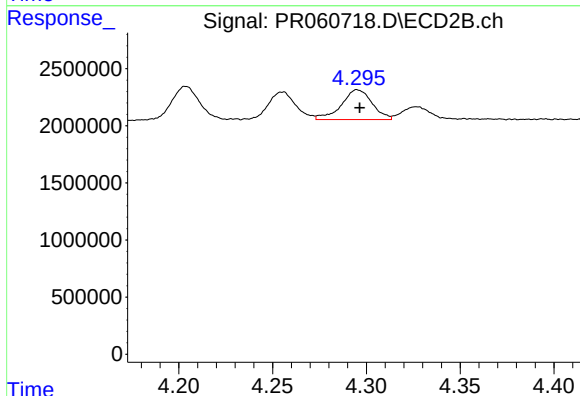
R.T.: 4.204 min
Delta R.T.: 0.000 min
Response: 2971216
Conc: 34.63 ng/ml



#19 AR-1242-4

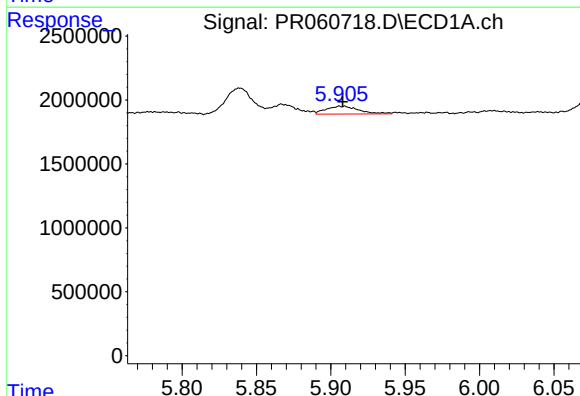
R.T.: 5.113 min
Delta R.T.: 0.000 min
Response: 2265609
Conc: 36.18 ng/ml

Instrument :
ECD_R
ClientSampleId :



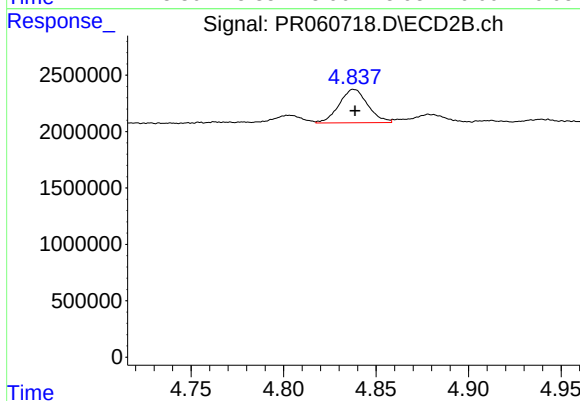
#19 AR-1242-4

R.T.: 4.295 min
Delta R.T.: -0.001 min
Response: 2982623
Conc: 36.88 ng/ml



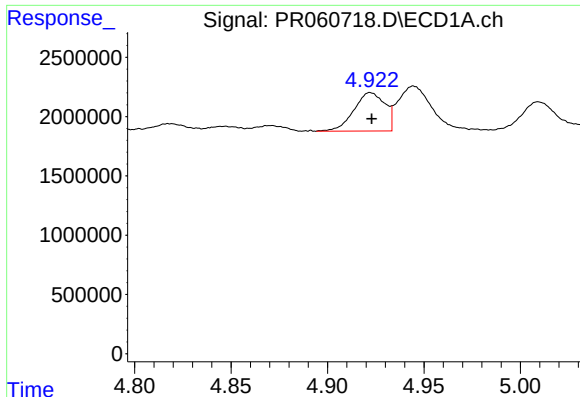
#20 AR-1242-5

R.T.: 5.906 min
Delta R.T.: -0.002 min
Response: 935935
Conc: 13.52 ng/ml



#20 AR-1242-5

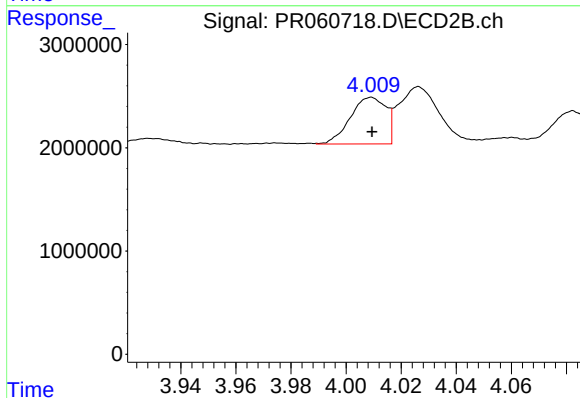
R.T.: 4.838 min
Delta R.T.: 0.000 min
Response: 3197678
Conc: 29.68 ng/ml



#21 AR-1248-1

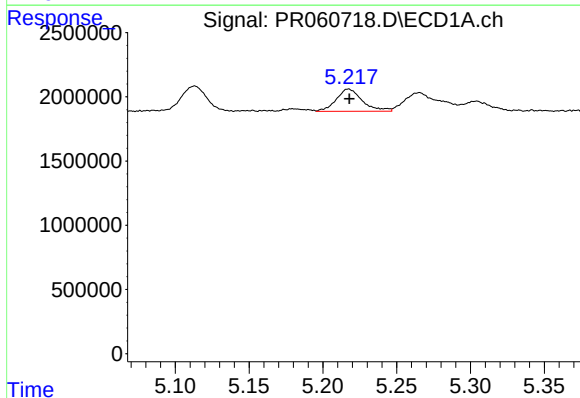
R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 3638731
Conc: 54.76 ng/ml

Instrument :
ECD_R
ClientSampleId :



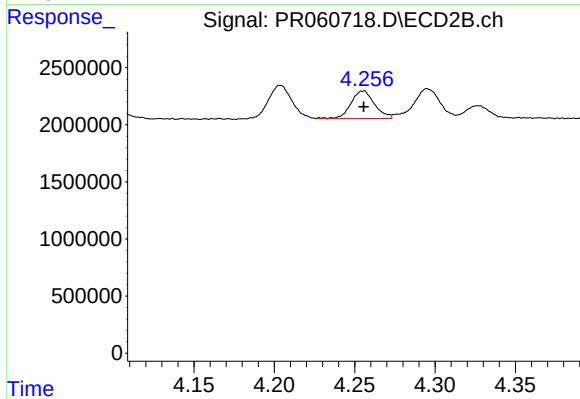
#21 AR-1248-1

R.T.: 4.009 min
Delta R.T.: 0.000 min
Response: 4050823
Conc: 47.11 ng/ml



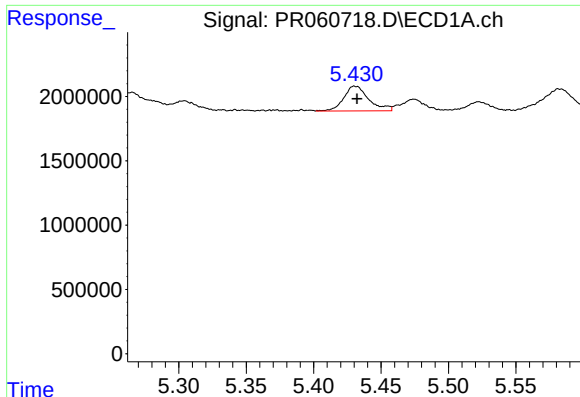
#22 AR-1248-2

R.T.: 5.217 min
Delta R.T.: 0.000 min
Response: 2132727
Conc: 24.02 ng/ml



#22 AR-1248-2

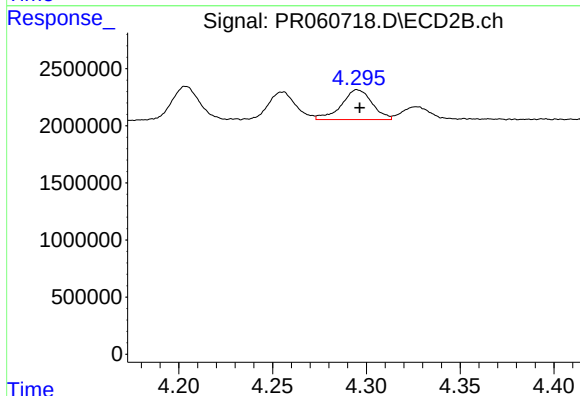
R.T.: 4.255 min
Delta R.T.: 0.000 min
Response: 2496684
Conc: 20.76 ng/ml



#23 AR-1248-3

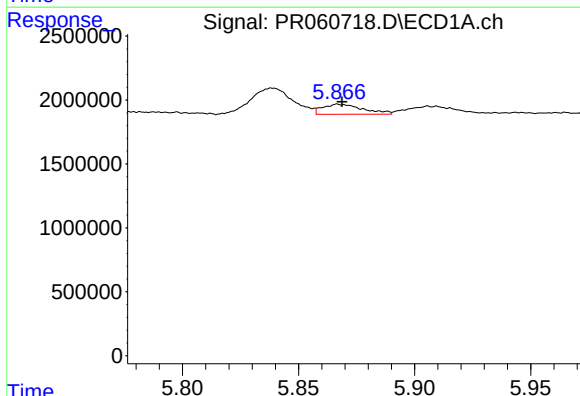
R.T.: 5.431 min
Delta R.T.: -0.001 min
Response: 2488791
Conc: 23.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



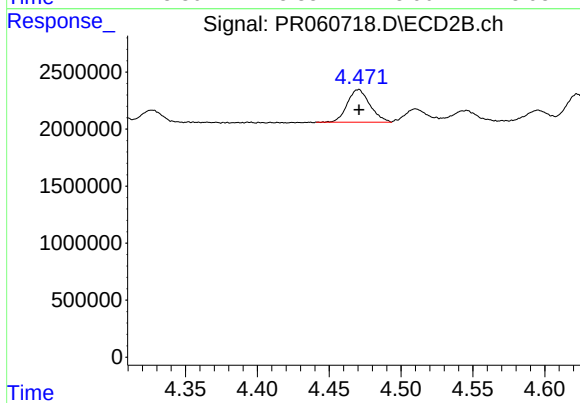
#23 AR-1248-3

R.T.: 4.295 min
Delta R.T.: -0.001 min
Response: 2982623
Conc: 24.47 ng/ml



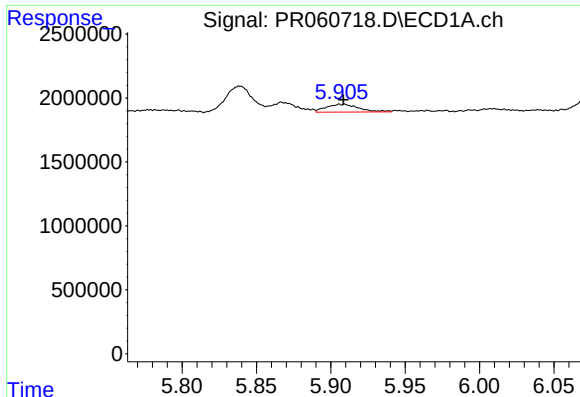
#24 AR-1248-4

R.T.: 5.867 min
Delta R.T.: -0.001 min
Response: 947750
Conc: 7.88 ng/ml



#24 AR-1248-4

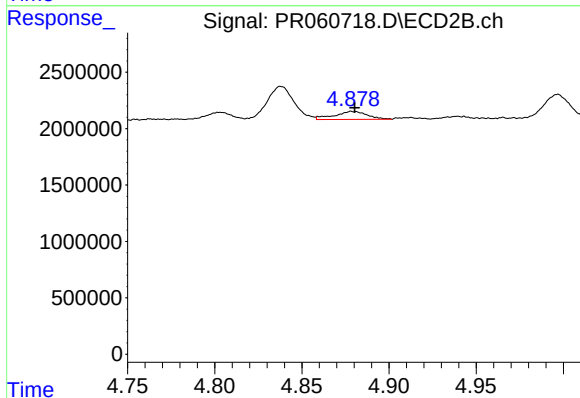
R.T.: 4.470 min
Delta R.T.: 0.000 min
Response: 3125647
Conc: 20.71 ng/ml



#25 AR-1248-5

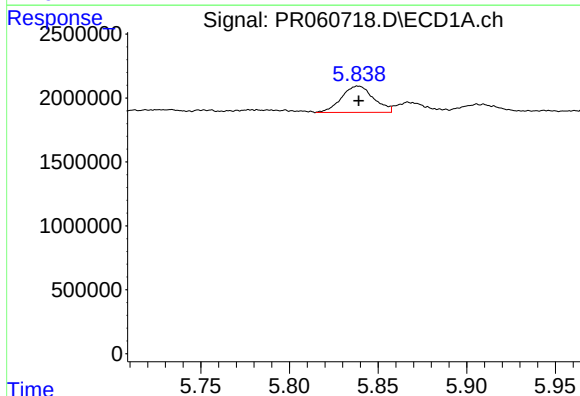
R.T.: 5.906 min
Delta R.T.: -0.002 min
Response: 935935
Conc: 7.91 ng/ml

Instrument :
ECD_R
ClientSampleId :



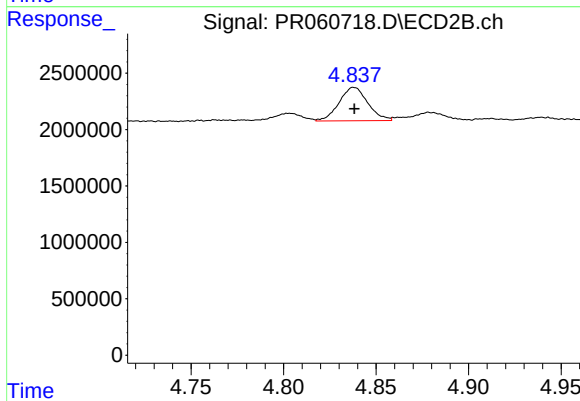
#25 AR-1248-5

R.T.: 4.879 min
Delta R.T.: -0.001 min
Response: 943191
Conc: 6.14 ng/ml



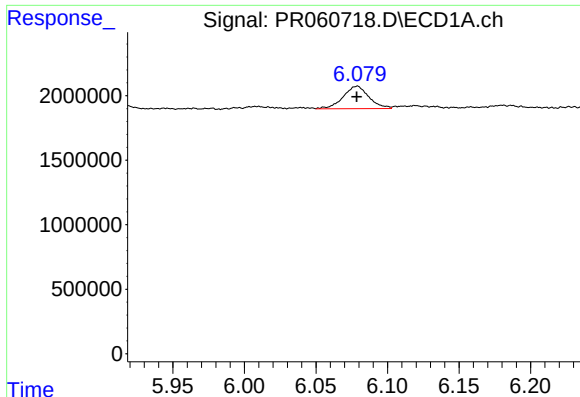
#26 AR-1254-1

R.T.: 5.839 min
Delta R.T.: 0.000 min
Response: 2601068
Conc: 21.60 ng/ml



#26 AR-1254-1

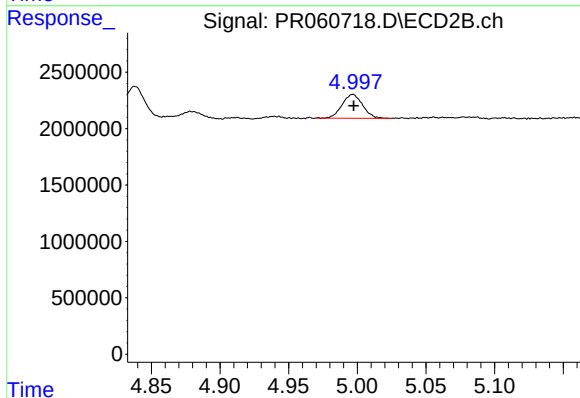
R.T.: 4.838 min
Delta R.T.: 0.000 min
Response: 3197678
Conc: 13.23 ng/ml



#27 AR-1254-2

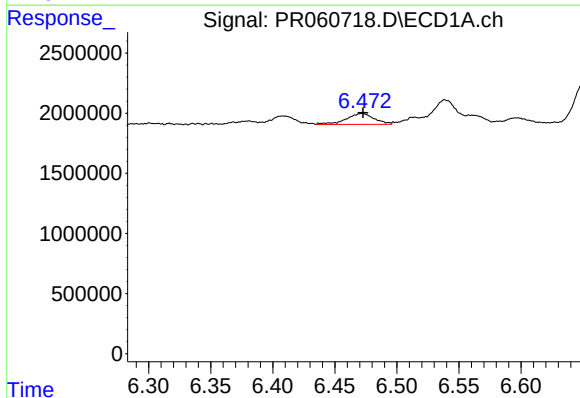
R.T.: 6.079 min
Delta R.T.: 0.000 min
Response: 2181229
Conc: 11.44 ng/ml

Instrument :
ECD_R
ClientSampleId :



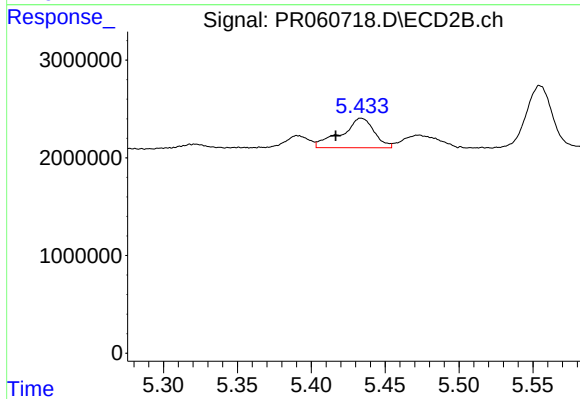
#27 AR-1254-2

R.T.: 4.997 min
Delta R.T.: 0.000 min
Response: 2211800
Conc: 10.59 ng/ml



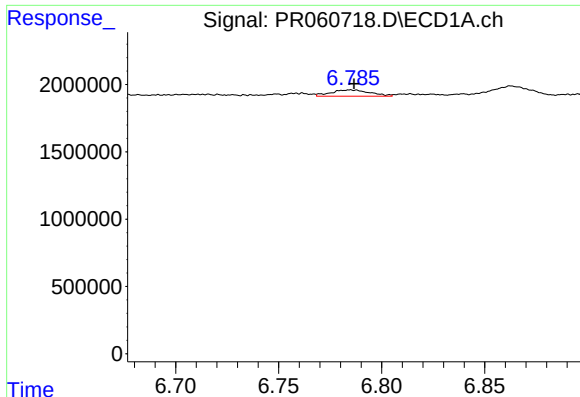
#28 AR-1254-3

R.T.: 6.472 min
Delta R.T.: 0.000 min
Response: 1450427
Conc: 7.07 ng/ml



#28 AR-1254-3

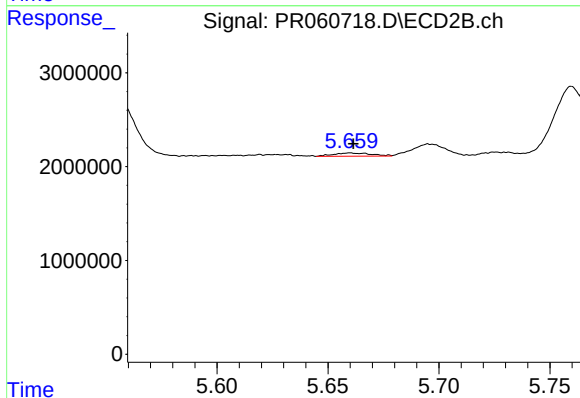
R.T.: 5.434 min
Delta R.T.: 0.017 min
Response: 4688663
Conc: 13.47 ng/ml



#29 AR-1254-4

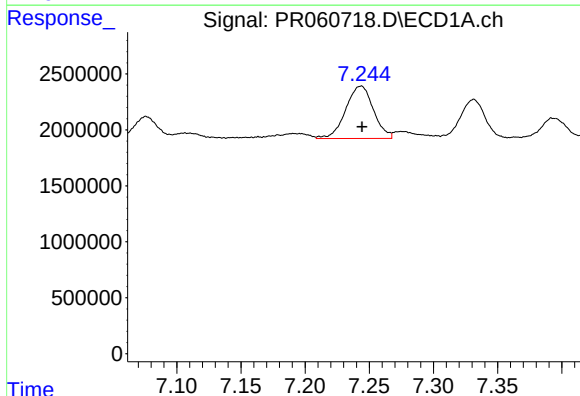
R.T.: 6.785 min
Delta R.T.: -0.001 min
Response: 615893
Conc: 3.96 ng/ml

Instrument :
ECD_R
ClientSampleId :



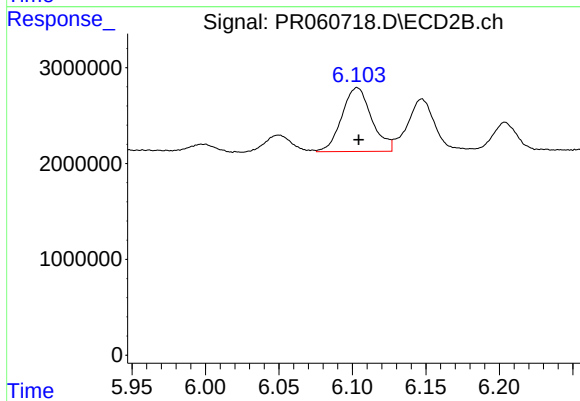
#29 AR-1254-4

R.T.: 5.660 min
Delta R.T.: -0.001 min
Response: 409978
Conc: 1.86 ng/ml



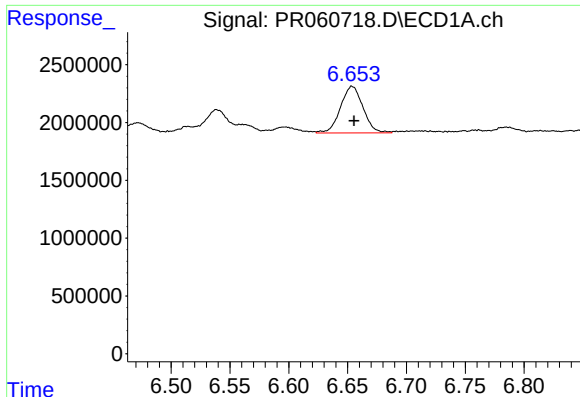
#30 AR-1254-5

R.T.: 7.243 min
Delta R.T.: -0.001 min
Response: 7063901
Conc: 41.99 ng/ml



#30 AR-1254-5

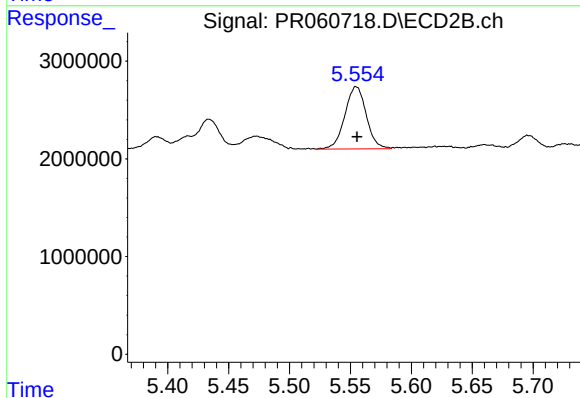
R.T.: 6.103 min
Delta R.T.: -0.001 min
Response: 9391264
Conc: 29.30 ng/ml



#31 AR-1260-1

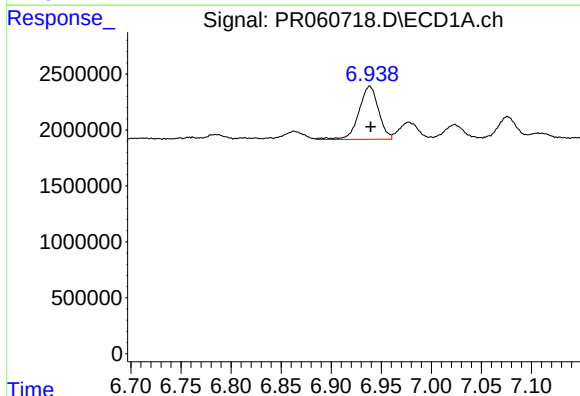
R.T.: 6.654 min
Delta R.T.: -0.002 min
Response: 5358140
Conc: 33.63 ng/ml

Instrument :
ECD_R
ClientSampleId :



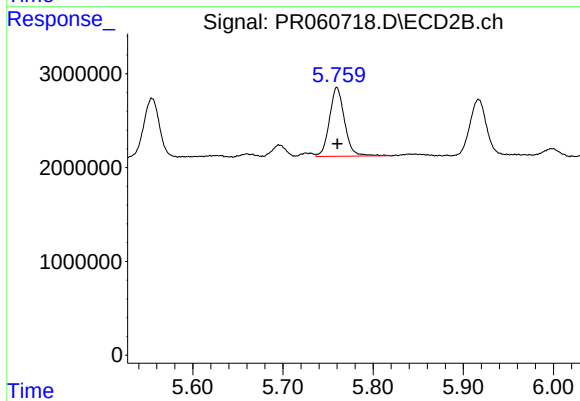
#31 AR-1260-1

R.T.: 5.555 min
Delta R.T.: 0.000 min
Response: 7779854
Conc: 31.74 ng/ml



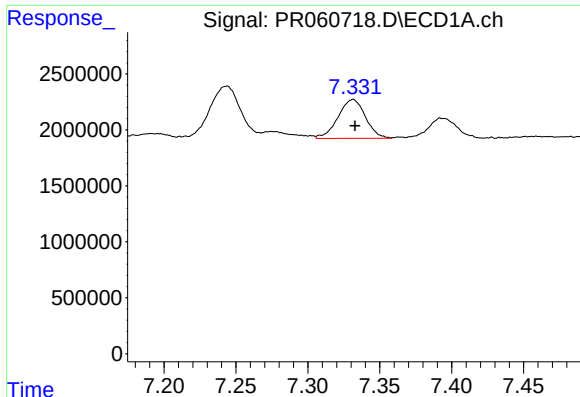
#32 AR-1260-2

R.T.: 6.939 min
Delta R.T.: -0.001 min
Response: 6479434
Conc: 33.58 ng/ml



#32 AR-1260-2

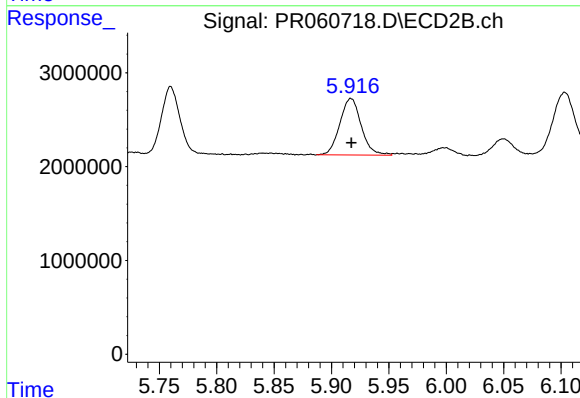
R.T.: 5.760 min
Delta R.T.: 0.000 min
Response: 8524224
Conc: 27.43 ng/ml



#33 AR-1260-3

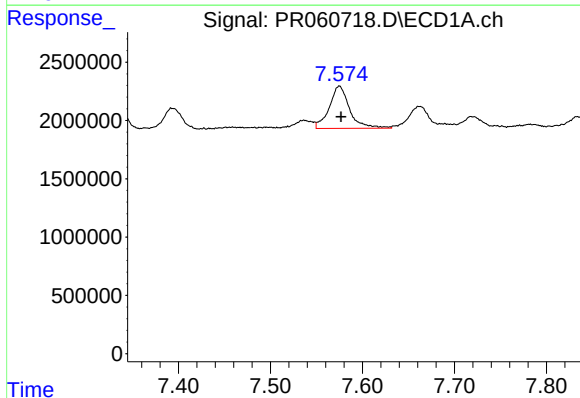
R.T.: 7.331 min
Delta R.T.: -0.002 min
Response: 4627484
Conc: 32.51 ng/ml

Instrument :
ECD_R
ClientSampleId :



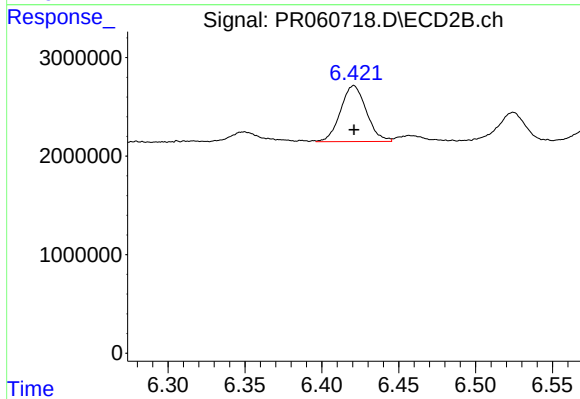
#33 AR-1260-3

R.T.: 5.917 min
Delta R.T.: 0.000 min
Response: 7805965
Conc: 27.80 ng/ml



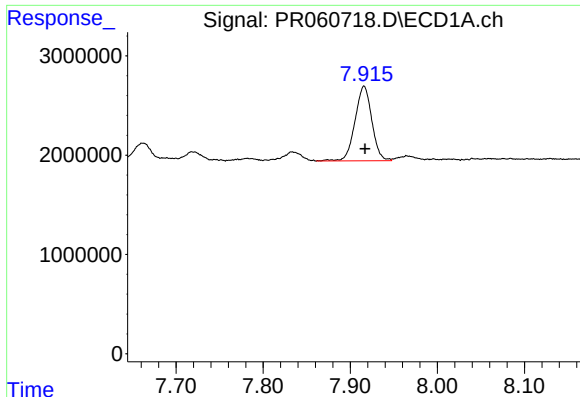
#34 AR-1260-4

R.T.: 7.575 min
Delta R.T.: -0.002 min
Response: 5590959
Conc: 34.20 ng/ml



#34 AR-1260-4

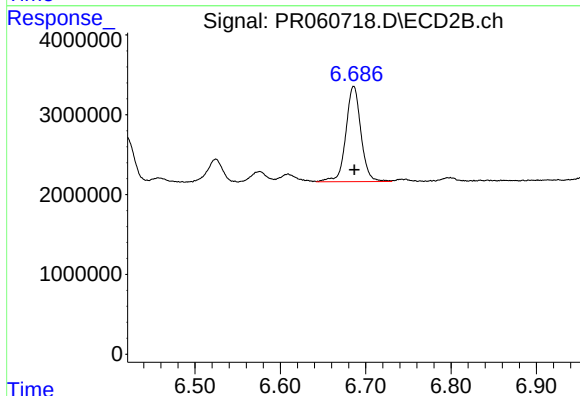
R.T.: 6.421 min
Delta R.T.: 0.000 min
Response: 6633501
Conc: 27.56 ng/ml



#35 AR-1260-5

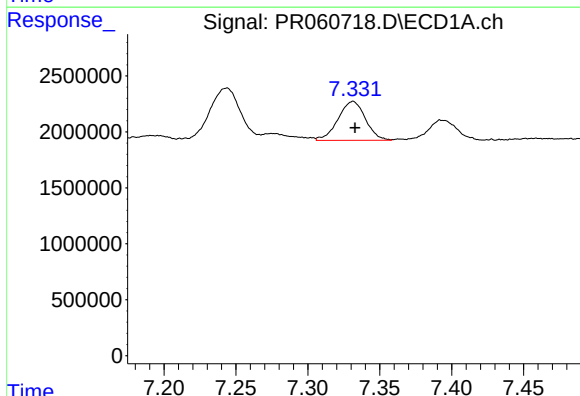
R.T.: 7.916 min
Delta R.T.: -0.001 min
Response: 10101866
Conc: 31.94 ng/ml

Instrument :
ECD_R
ClientSampleId :



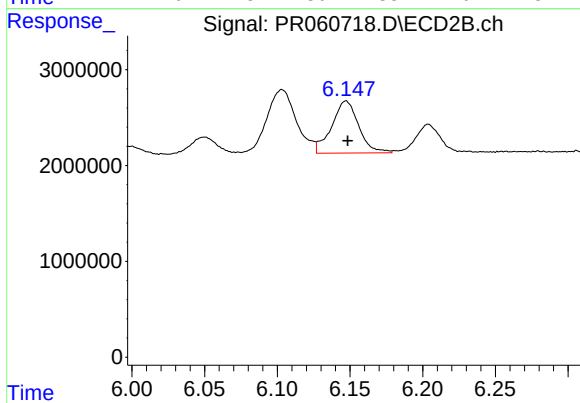
#35 AR-1260-5

R.T.: 6.686 min
Delta R.T.: 0.000 min
Response: 14700295
Conc: 25.25 ng/ml



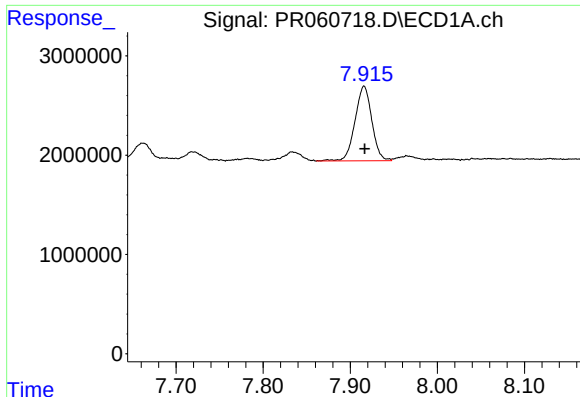
#36 AR-1262-1

R.T.: 7.331 min
Delta R.T.: -0.002 min
Response: 4627484
Conc: 24.48 ng/ml



#36 AR-1262-1

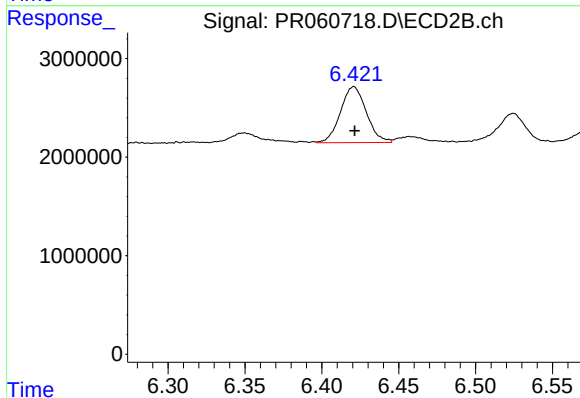
R.T.: 6.147 min
Delta R.T.: -0.001 min
Response: 7029722
Conc: 22.29 ng/ml



#37 AR-1262-2

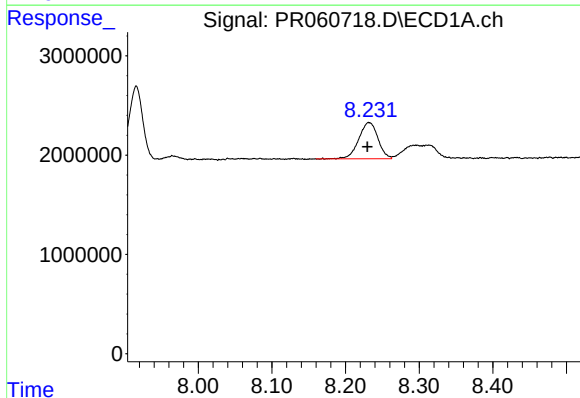
R.T.: 7.916 min
Delta R.T.: 0.000 min
Response: 10101866
Conc: 29.98 ng/ml

Instrument :
ECD_R
ClientSampleId :



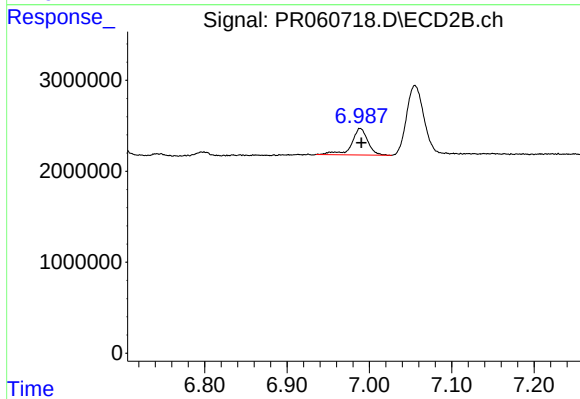
#37 AR-1262-2

R.T.: 6.421 min
Delta R.T.: 0.000 min
Response: 6633501
Conc: 23.02 ng/ml



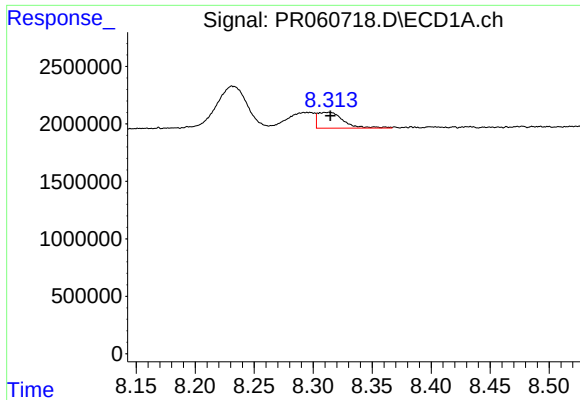
#38 AR-1262-3

R.T.: 8.232 min
Delta R.T.: 0.002 min
Response: 6651555
Conc: 28.89 ng/ml



#38 AR-1262-3

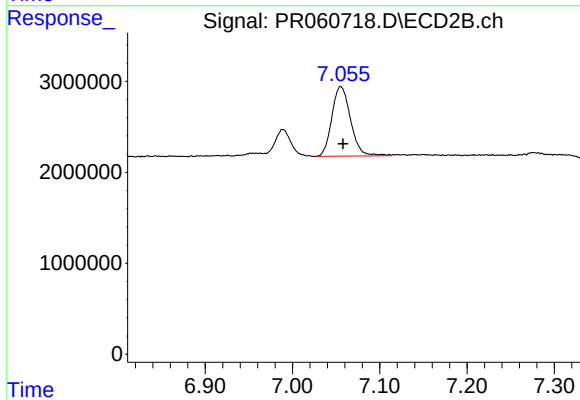
R.T.: 6.989 min
Delta R.T.: -0.002 min
Response: 3990401
Conc: 17.62 ng/ml



#39 AR-1262-4

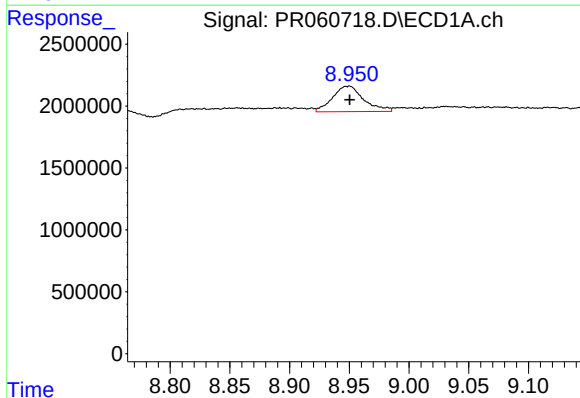
R.T.: 8.313 min
Delta R.T.: -0.001 min
Response: 2087975
Conc: 11.86 ng/ml

Instrument :
ECD_R
ClientSampleId :



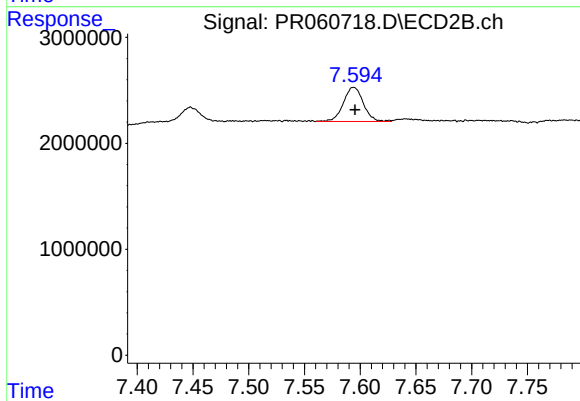
#39 AR-1262-4

R.T.: 7.055 min
Delta R.T.: -0.003 min
Response: 11387965
Conc: 26.48 ng/ml



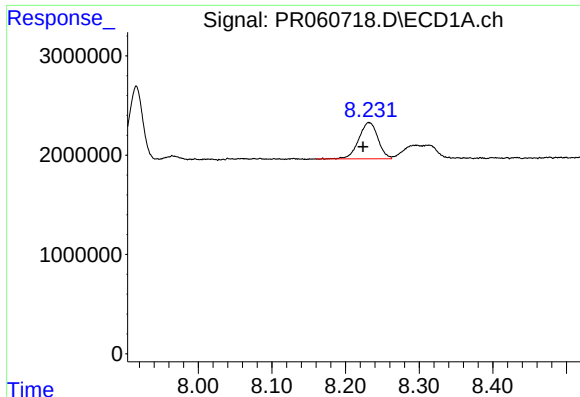
#40 AR-1262-5

R.T.: 8.950 min
Delta R.T.: 0.000 min
Response: 3763692
Conc: 30.04 ng/ml



#40 AR-1262-5

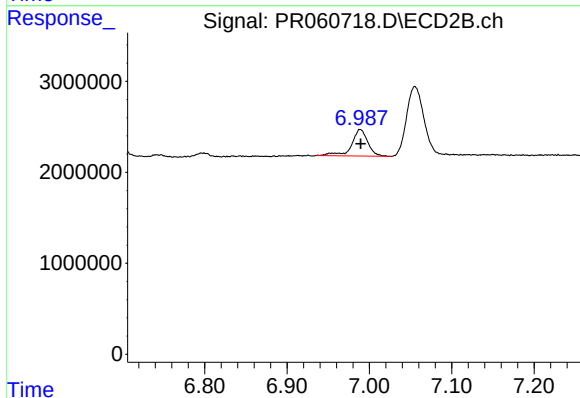
R.T.: 7.594 min
Delta R.T.: -0.001 min
Response: 4012227
Conc: 20.04 ng/ml



#41 AR-1268-1

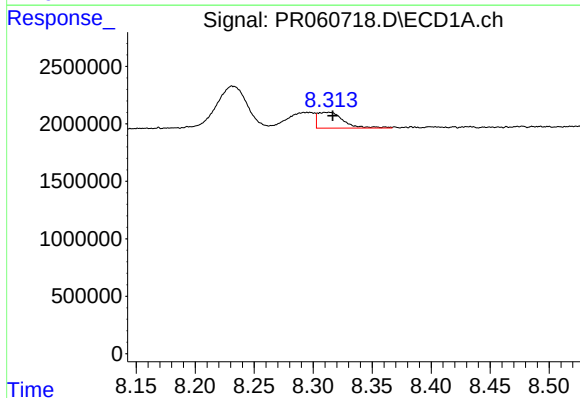
R.T.: 8.232 min
Delta R.T.: 0.008 min
Response: 6651555
Conc: 16.09 ng/ml

Instrument :
ECD_R
ClientSampleId :



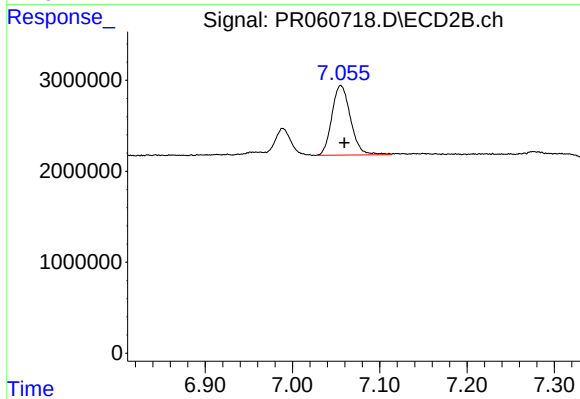
#41 AR-1268-1

R.T.: 6.989 min
Delta R.T.: 0.000 min
Response: 3990401
Conc: 5.42 ng/ml



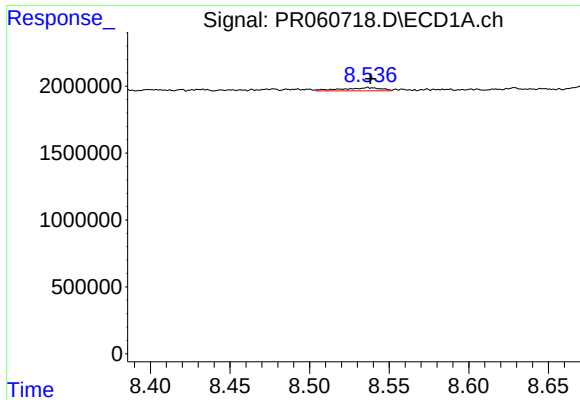
#42 AR-1268-2

R.T.: 8.313 min
Delta R.T.: -0.003 min
Response: 2087975
Conc: 5.55 ng/ml



#42 AR-1268-2

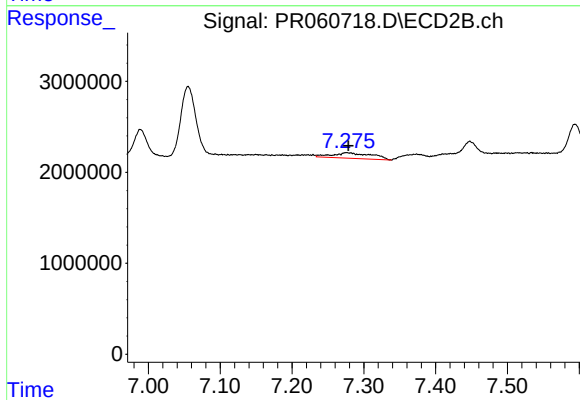
R.T.: 7.055 min
Delta R.T.: -0.004 min
Response: 11387965
Conc: 17.03 ng/ml



#43 AR-1268-3

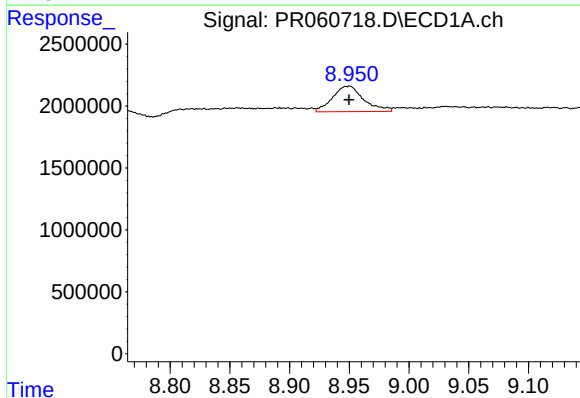
R.T.: 8.537 min
Delta R.T.: -0.002 min
Response: 406288
Conc: 1.27 ng/ml

Instrument :
ECD_R
ClientSampleId :



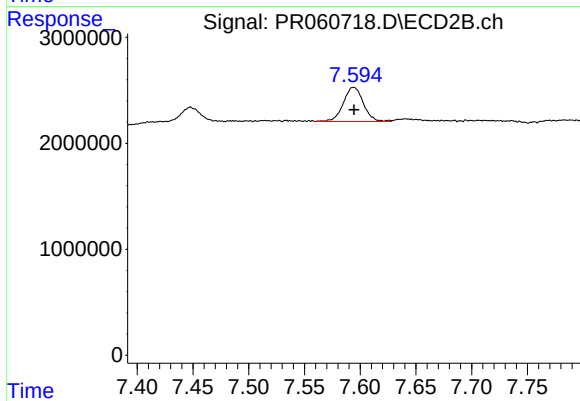
#43 AR-1268-3

R.T.: 7.276 min
Delta R.T.: -0.002 min
Response: 2320672
Conc: 4.08 ng/ml



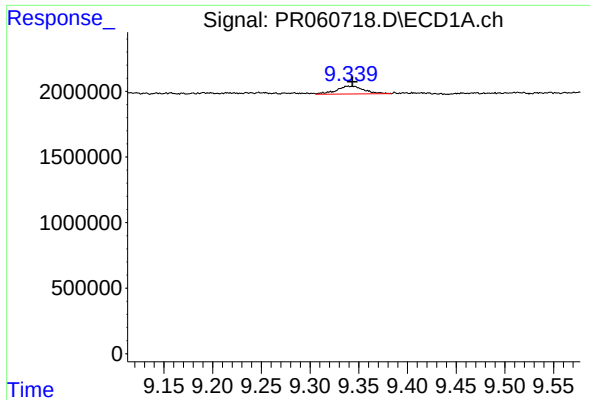
#44 AR-1268-4

R.T.: 8.950 min
Delta R.T.: 0.000 min
Response: 3763692
Conc: 26.19 ng/ml



#44 AR-1268-4

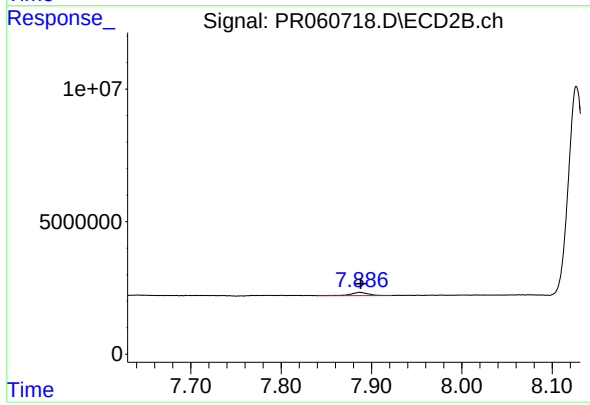
R.T.: 7.594 min
Delta R.T.: 0.000 min
Response: 4012227
Conc: 17.21 ng/ml



#45 AR-1268-5

R.T.: 9.339 min
Delta R.T.: -0.005 min
Response: 1167314
Conc: 1.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.887 min
Delta R.T.: -0.001 min
Response: 1607247
Conc: 0.85 ng/ml