

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR081023\
 Data File : PR062565.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Aug 2023 12:59
 Operator : YP\AJ
 Sample : 03572-02
 Misc : AR1660 LOQ 50 PPB
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 09 22:04:53 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR080923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 09 01:27:38 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...	3.685	2.956	30337274	48513959	15.026	16.711
2)	SA Decachlor...	9.617	8.236	27213587	72090819	18.271	17.374
Target Compounds							
3)	L1 AR-1016-1	4.913	4.079	3066686	4896718	45.668	45.141
4)	L1 AR-1016-2	4.936	4.097	4089023	6542017	42.346	42.848
5)	L1 AR-1016-3	5.000	4.277	2725393	3689637	44.238	44.035
6)	L1 AR-1016-4	5.103	4.327	2103785	3252639	43.165	47.936
7)	L1 AR-1016-5	5.420	4.546	2256076	4203186	43.240	46.198
8)	L2 AR-1221-1	3.907	3.181	657495	487376	26.880	12.882 #
9)	L2 AR-1221-2	3.998	3.263	697242	1451492	45.005	40.199
10)	L2 AR-1221-3	4.074	3.345	1859360	3277960	30.975	36.443
11)	L3 AR-1232-1	4.074	3.345	1859360	3277960	37.438	43.769
12)	L3 AR-1232-2	4.628	4.097	2286605	6542017	92.594	94.853
13)	L3 AR-1232-3	4.936	4.277	4089023	3689637	95.731	99.429
14)	L3 AR-1232-4	5.103	4.369	2103785	3662960	99.523	108.176
15)	L3 AR-1232-5	5.207	4.546	2213941	4203186	127.305	106.970
16)	L4 AR-1242-1	4.913	4.079	3066686	4896718	55.019	54.429
17)	L4 AR-1242-2	4.936	4.097	4089023	6542017	50.934	52.180
18)	L4 AR-1242-3	5.000	4.277	2725393	3689637	52.918	53.325
19)	L4 AR-1242-4	5.103	4.369	2103785	3662960	52.055	53.415
20)	L4 AR-1242-5	5.894	4.918	745454	4171219	17.400	46.590 #
21)	L5 AR-1248-1	4.913	4.079	3066686	4896718	74.662	73.181
22)	L5 AR-1248-2	5.207	4.327	2213941	3252639	36.553	33.943
23)	L5 AR-1248-3	5.420	4.369	2256076	3662960	32.171	37.101
24)	L5 AR-1248-4	5.852	4.546	812937	4203186	11.240	35.427 #
25)	L5 AR-1248-5	5.894	4.961	745454	1219712	10.524	10.206
26)	L6 AR-1254-1	5.825	4.918	2061123	4171219	25.789	23.288
27)	L6 AR-1254-2	6.064	5.077	1886856	3368738	15.808	21.540 #
28)	L6 AR-1254-3	6.456	5.521f	938822	5758418	7.932	22.178 #
29)	L6 AR-1254-4	6.768	5.750	733814	513524	8.816	3.065 #
30)	L6 AR-1254-5	7.223	6.195	5614974	11689295	62.464	47.008
31)	L7 AR-1260-1	6.636	5.642	4776714	9065215	46.269	46.595
32)	L7 AR-1260-2	6.919	5.847	5027884	10821260	45.836	45.518
33)	L7 AR-1260-3	7.310	6.007	4046680	9950172	49.635	44.120
34)	L7 AR-1260-4	7.553	6.515	4261558	8342358	47.386	42.113
35)	L7 AR-1260-5	7.891	6.780	7518240	19751425	46.398	42.619
36)	L8 AR-1262-1	7.310	6.239	4046680	9028160	35.251	34.680
37)	L8 AR-1262-2	7.891	6.780	7518240	19751425	41.604	40.635
38)	L8 AR-1262-3	8.207	7.086	4437894	5252966	34.983	26.436
39)	L8 AR-1262-4	8.287	7.153	1142135	14834620	11.318	39.849 #
40)	L8 AR-1262-5	8.916	7.694	1815166	5102800	28.174	28.776
41)	L9 AR-1268-1	8.207	7.086	4437894	5252966	20.463	9.021 #

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 Data File : PR062565.D
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 Acq On : 09 Aug 2023 12:59
 Operator : YP\AJ
 Sample : 03572-02
 Misc : AR1660 LOQ 50 PPB
 ALS Vial : 14 Sample Multiplier: 1

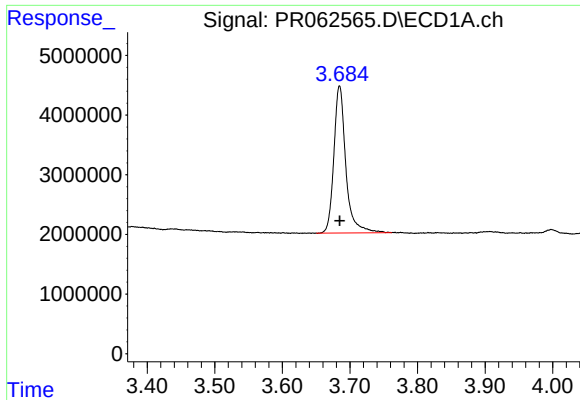
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 09 22:04:53 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR080923.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	8.287	7.153	1142135	14834620	5.641	27.538 #
43) L9	AR-1268-3	8.501	7.376	405977	943635	2.289	2.000
44) L9	AR-1268-4	8.916	7.694	1815166	5102800	26.220	25.818
45) L9	AR-1268-5	9.304	7.989	883169	2230082	1.738	1.490

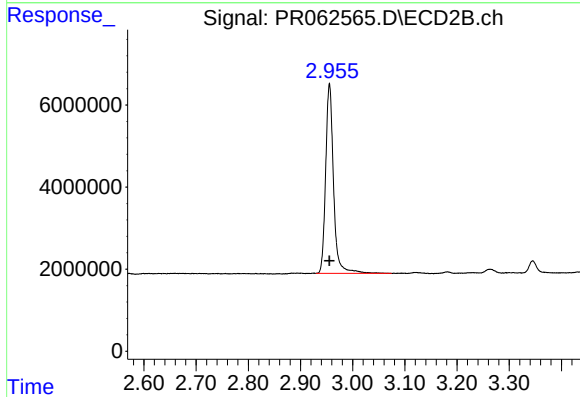
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

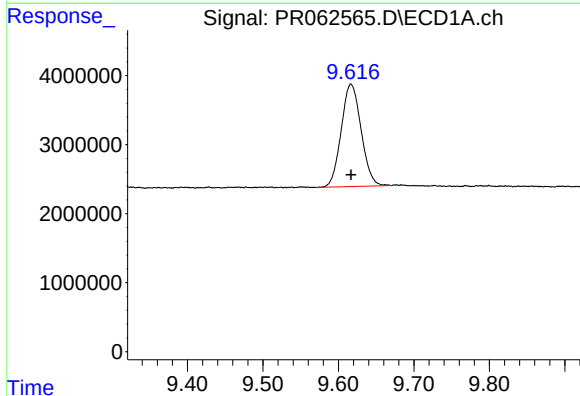
R.T.: 3.685 min
Delta R.T.: 0.000 min
Response: 30337274
Conc: 15.03 ng/ml

Instrument :
ECD_R
ClientSampleId :



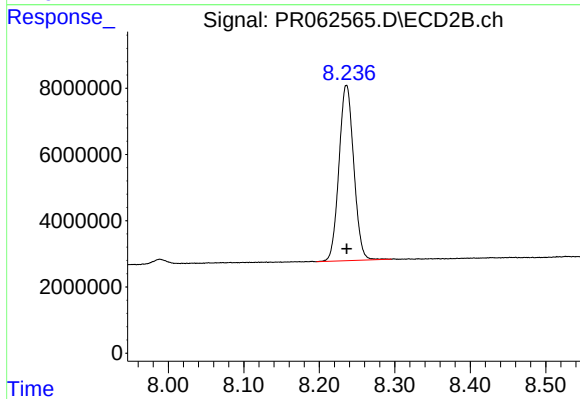
#1 Tetrachloro-m-xylene

R.T.: 2.956 min
Delta R.T.: 0.000 min
Response: 48513959
Conc: 16.71 ng/ml



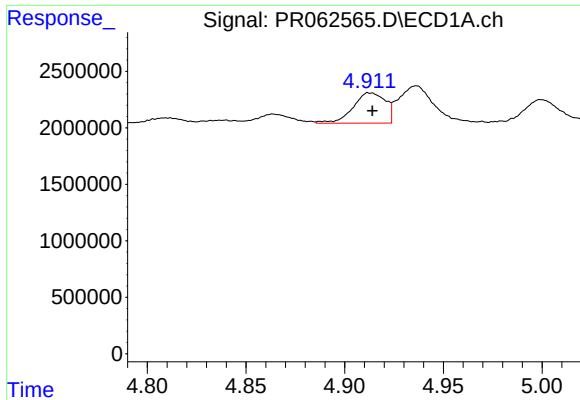
#2 Decachlorobiphenyl

R.T.: 9.617 min
Delta R.T.: 0.000 min
Response: 27213587
Conc: 18.27 ng/ml



#2 Decachlorobiphenyl

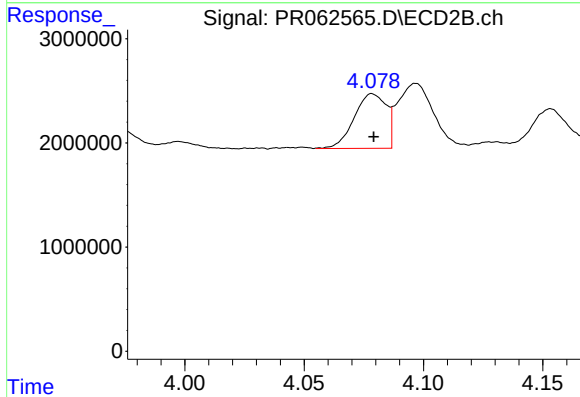
R.T.: 8.236 min
Delta R.T.: 0.000 min
Response: 72090819
Conc: 17.37 ng/ml



#3 AR-1016-1

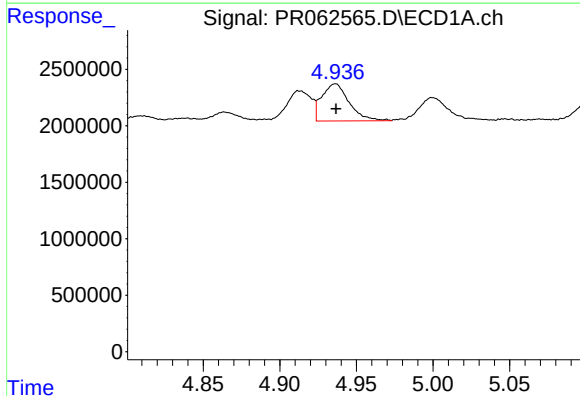
R.T.: 4.913 min
Delta R.T.: -0.001 min
Response: 3066686
Conc: 45.67 ng/ml

Instrument :
ECD_R
ClientSampleId :



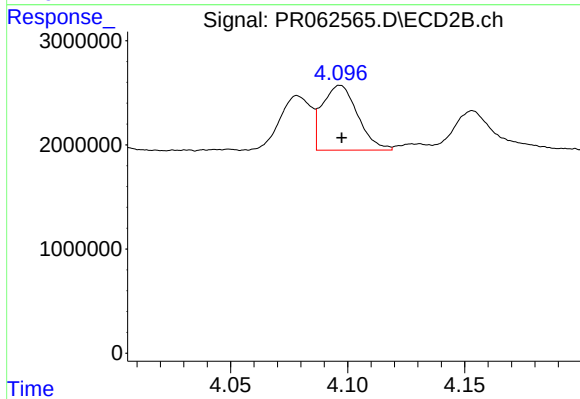
#3 AR-1016-1

R.T.: 4.079 min
Delta R.T.: 0.000 min
Response: 4896718
Conc: 45.14 ng/ml



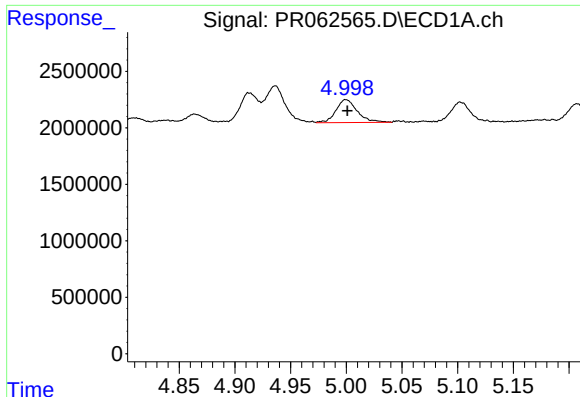
#4 AR-1016-2

R.T.: 4.936 min
Delta R.T.: 0.000 min
Response: 4089023
Conc: 42.35 ng/ml



#4 AR-1016-2

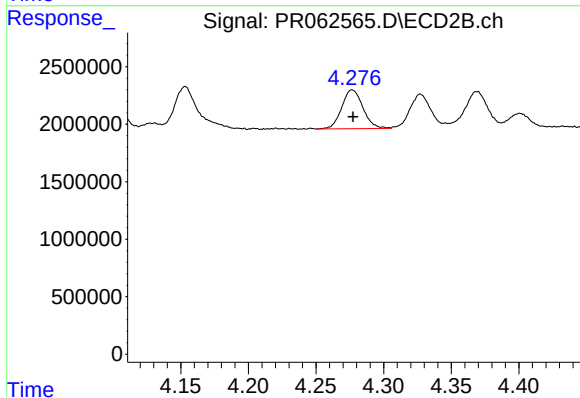
R.T.: 4.097 min
Delta R.T.: 0.000 min
Response: 6542017
Conc: 42.85 ng/ml



#5 AR-1016-3

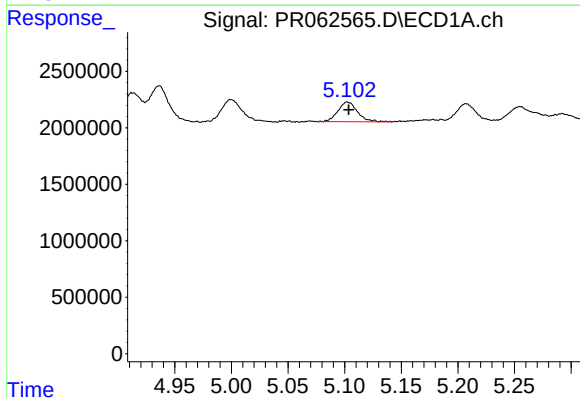
R.T.: 5.000 min
Delta R.T.: -0.001 min
Response: 2725393
Conc: 44.24 ng/ml

Instrument :
ECD_R
ClientSampleId :



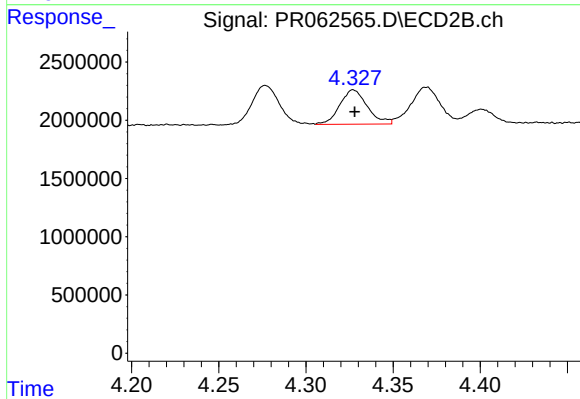
#5 AR-1016-3

R.T.: 4.277 min
Delta R.T.: 0.000 min
Response: 3689637
Conc: 44.04 ng/ml



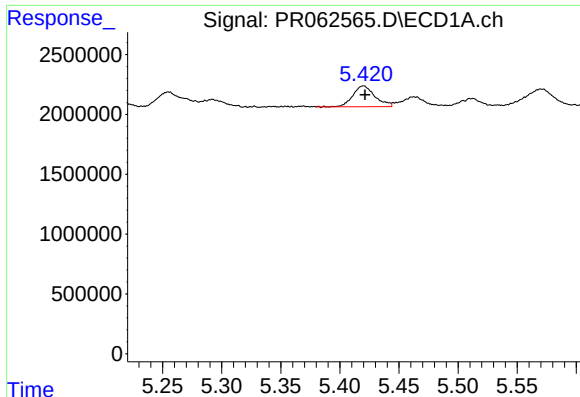
#6 AR-1016-4

R.T.: 5.103 min
Delta R.T.: -0.001 min
Response: 2103785
Conc: 43.16 ng/ml



#6 AR-1016-4

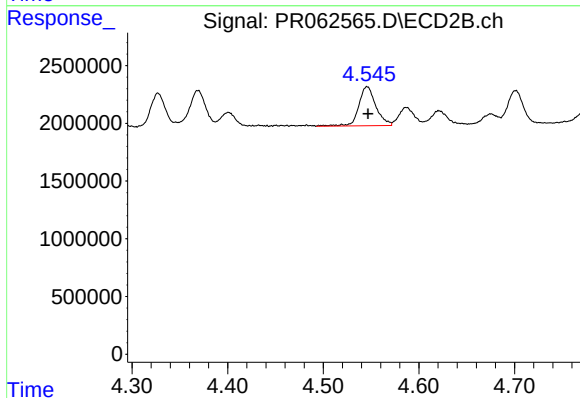
R.T.: 4.327 min
Delta R.T.: 0.000 min
Response: 3252639
Conc: 47.94 ng/ml



#7 AR-1016-5

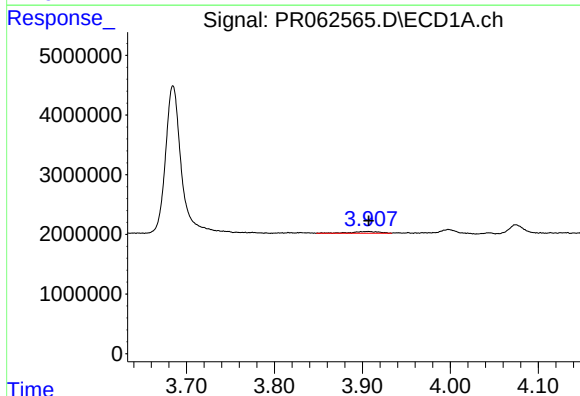
R.T.: 5.420 min
Delta R.T.: -0.001 min
Response: 2256076
Conc: 43.24 ng/ml

Instrument :
ECD_R
ClientSampleId :



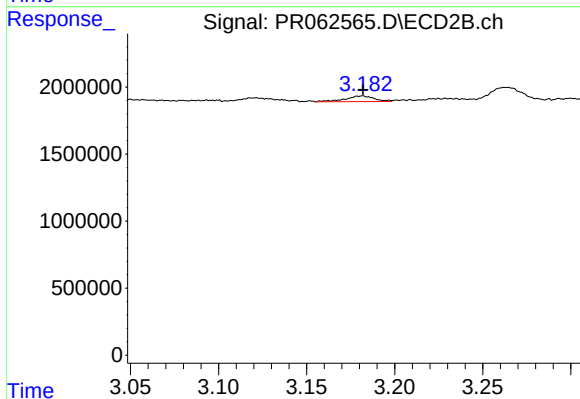
#7 AR-1016-5

R.T.: 4.546 min
Delta R.T.: 0.000 min
Response: 4203186
Conc: 46.20 ng/ml



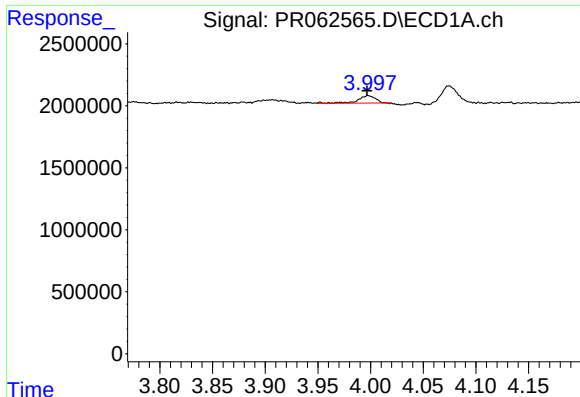
#8 AR-1221-1

R.T.: 3.907 min
Delta R.T.: 0.000 min
Response: 657495
Conc: 26.88 ng/ml



#8 AR-1221-1

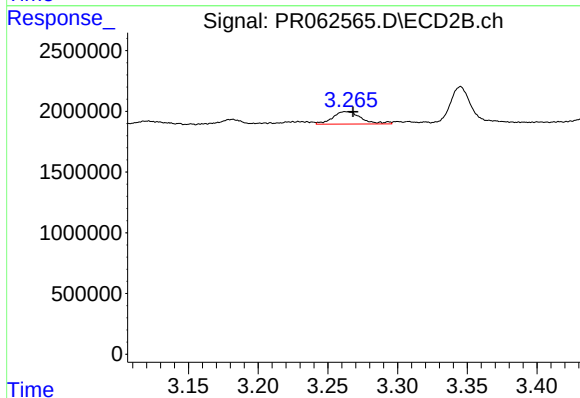
R.T.: 3.181 min
Delta R.T.: 0.000 min
Response: 487376
Conc: 12.88 ng/ml



#9 AR-1221-2

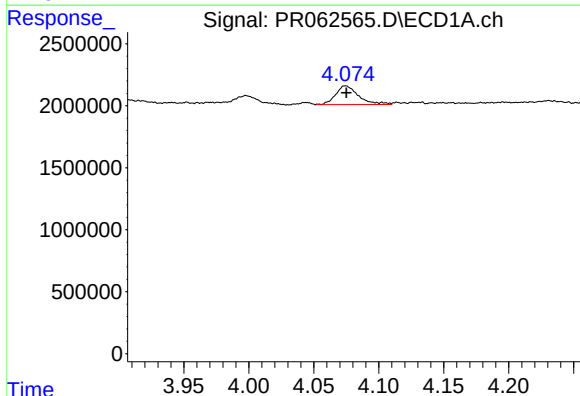
R.T.: 3.998 min
Delta R.T.: 0.001 min
Response: 697242
Conc: 45.00 ng/ml

Instrument :
ECD_R
ClientSampleId :



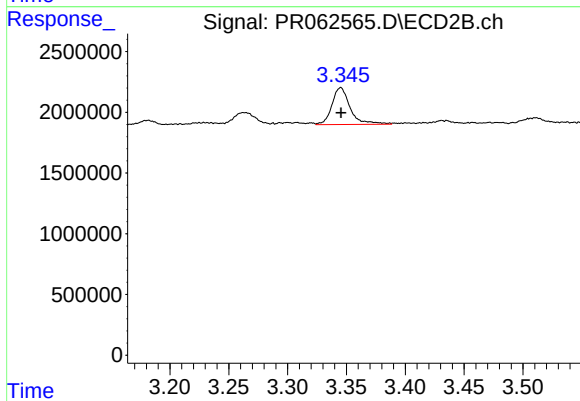
#9 AR-1221-2

R.T.: 3.263 min
Delta R.T.: -0.005 min
Response: 1451492
Conc: 40.20 ng/ml



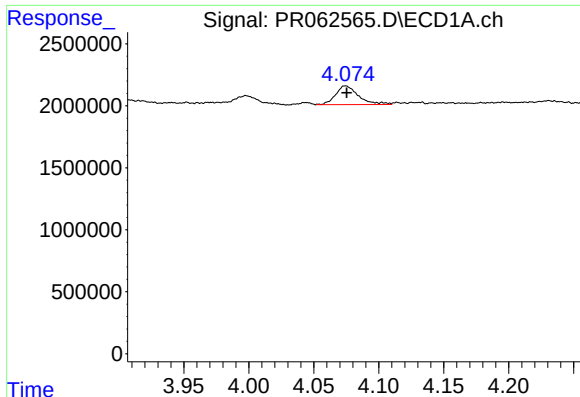
#10 AR-1221-3

R.T.: 4.074 min
Delta R.T.: 0.000 min
Response: 1859360
Conc: 30.98 ng/ml



#10 AR-1221-3

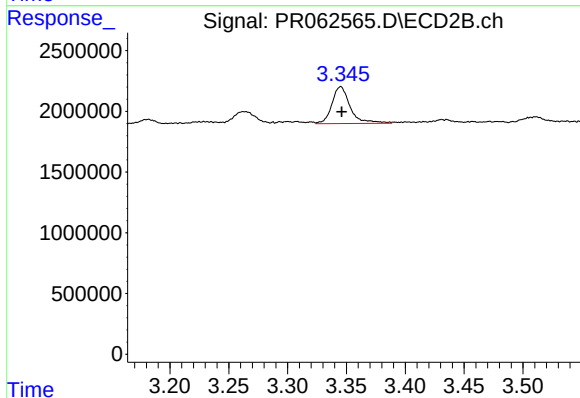
R.T.: 3.345 min
Delta R.T.: 0.000 min
Response: 3277960
Conc: 36.44 ng/ml



#11 AR-1232-1

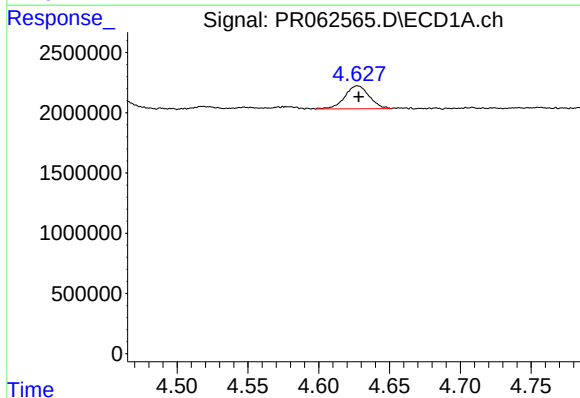
R.T.: 4.074 min
Delta R.T.: 0.000 min
Response: 1859360
Conc: 37.44 ng/ml

Instrument :
ECD_R
ClientSampleId :



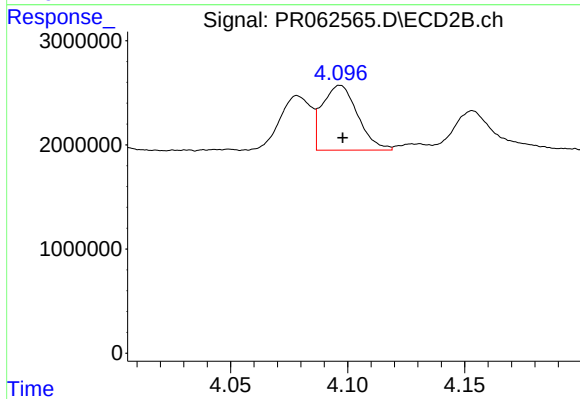
#11 AR-1232-1

R.T.: 3.345 min
Delta R.T.: 0.000 min
Response: 3277960
Conc: 43.77 ng/ml



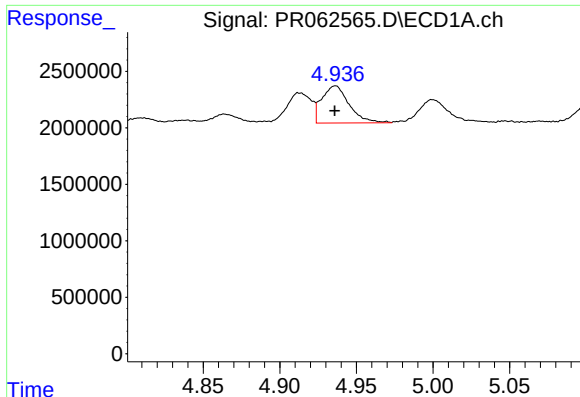
#12 AR-1232-2

R.T.: 4.628 min
Delta R.T.: 0.000 min
Response: 2286605
Conc: 92.59 ng/ml



#12 AR-1232-2

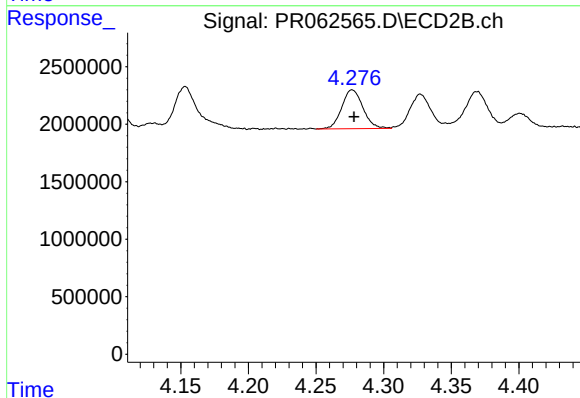
R.T.: 4.097 min
Delta R.T.: -0.001 min
Response: 6542017
Conc: 94.85 ng/ml



#13 AR-1232-3

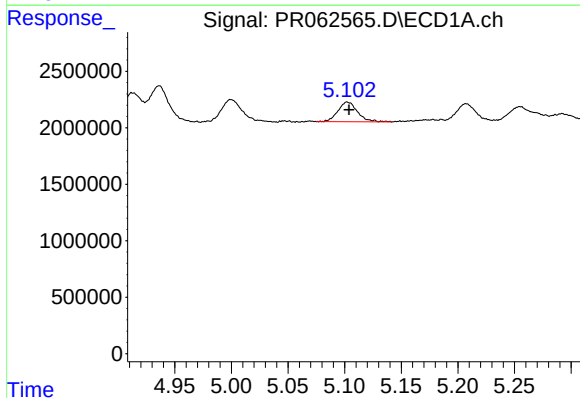
R.T.: 4.936 min
Delta R.T.: 0.000 min
Response: 4089023
Conc: 95.73 ng/ml

Instrument :
ECD_R
ClientSampleId :



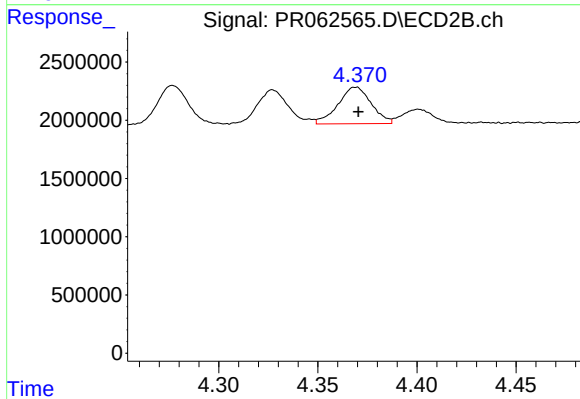
#13 AR-1232-3

R.T.: 4.277 min
Delta R.T.: -0.001 min
Response: 3689637
Conc: 99.43 ng/ml



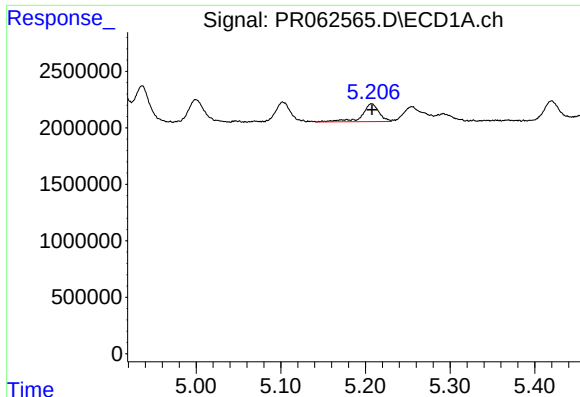
#14 AR-1232-4

R.T.: 5.103 min
Delta R.T.: -0.001 min
Response: 2103785
Conc: 99.52 ng/ml



#14 AR-1232-4

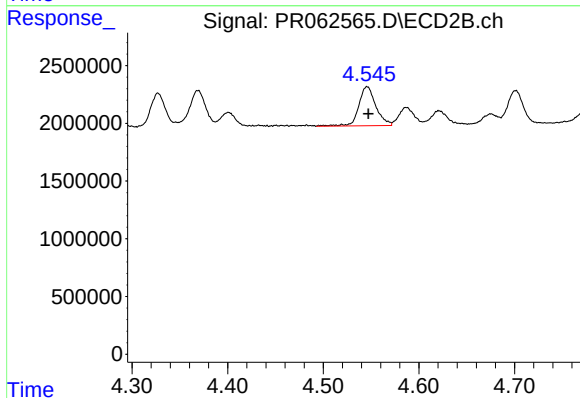
R.T.: 4.369 min
Delta R.T.: -0.001 min
Response: 3662960
Conc: 108.18 ng/ml



#15 AR-1232-5

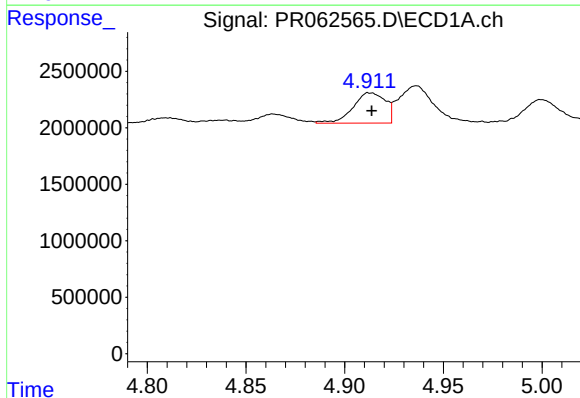
R.T.: 5.207 min
Delta R.T.: 0.000 min
Response: 2213941
Conc: 127.30 ng/ml

Instrument :
ECD_R
ClientSampleId :



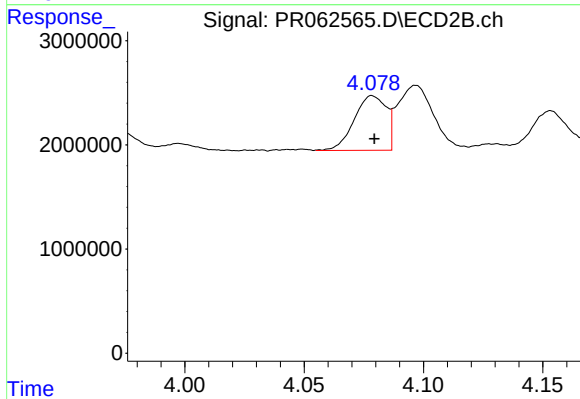
#15 AR-1232-5

R.T.: 4.546 min
Delta R.T.: -0.001 min
Response: 4203186
Conc: 106.97 ng/ml



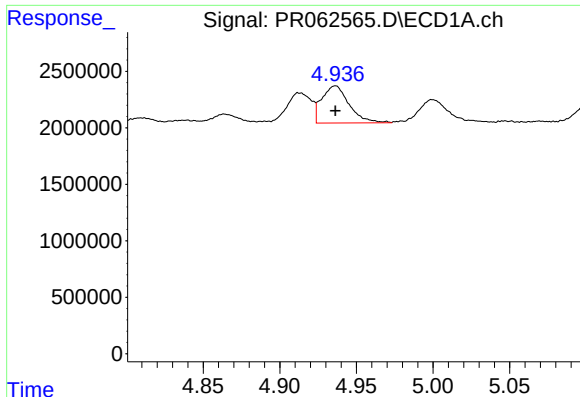
#16 AR-1242-1

R.T.: 4.913 min
Delta R.T.: 0.000 min
Response: 3066686
Conc: 55.02 ng/ml



#16 AR-1242-1

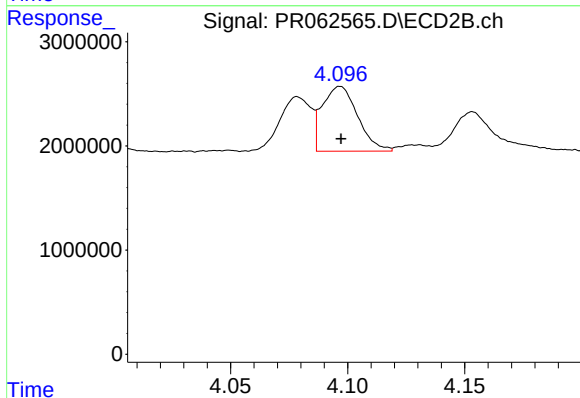
R.T.: 4.079 min
Delta R.T.: 0.000 min
Response: 4896718
Conc: 54.43 ng/ml



#17 AR-1242-2

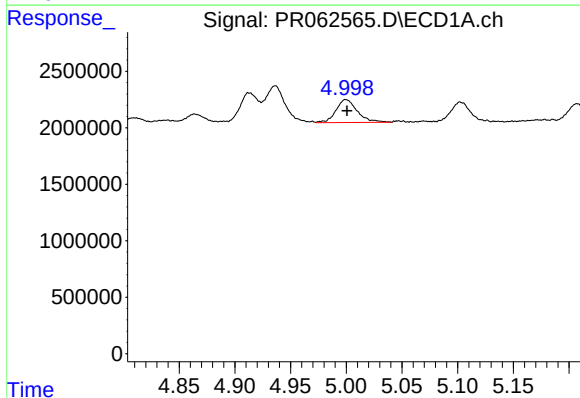
R.T.: 4.936 min
Delta R.T.: 0.000 min
Response: 4089023
Conc: 50.93 ng/ml

Instrument :
ECD_R
ClientSampleId :



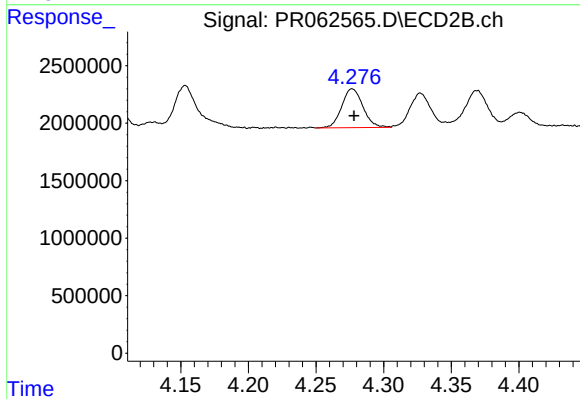
#17 AR-1242-2

R.T.: 4.097 min
Delta R.T.: 0.000 min
Response: 6542017
Conc: 52.18 ng/ml



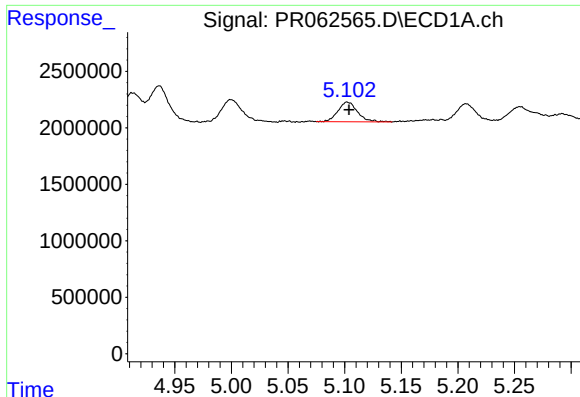
#18 AR-1242-3

R.T.: 5.000 min
Delta R.T.: 0.000 min
Response: 2725393
Conc: 52.92 ng/ml



#18 AR-1242-3

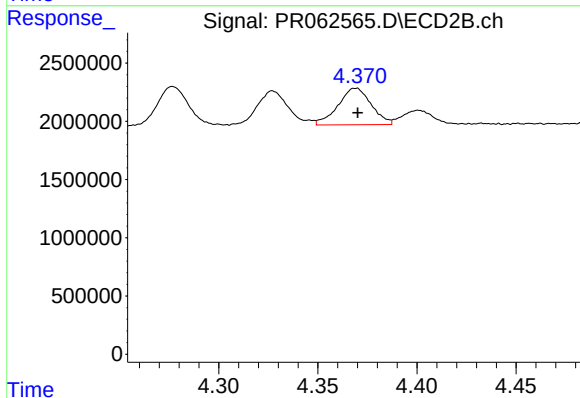
R.T.: 4.277 min
Delta R.T.: -0.001 min
Response: 3689637
Conc: 53.32 ng/ml



#19 AR-1242-4

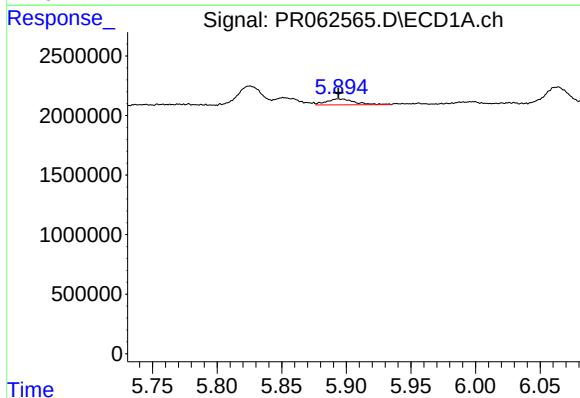
R.T.: 5.103 min
Delta R.T.: -0.001 min
Response: 2103785
Conc: 52.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



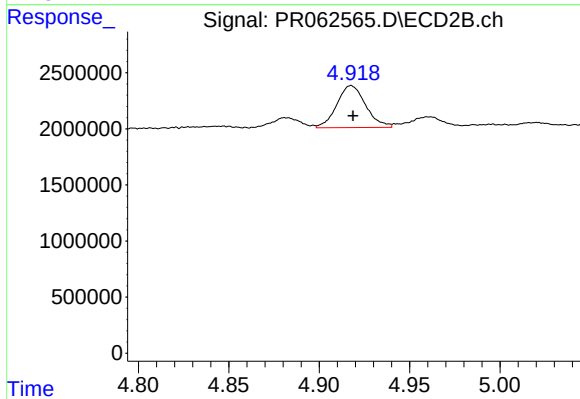
#19 AR-1242-4

R.T.: 4.369 min
Delta R.T.: -0.001 min
Response: 3662960
Conc: 53.41 ng/ml



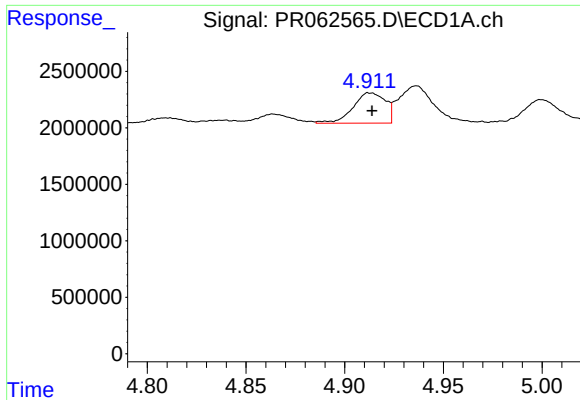
#20 AR-1242-5

R.T.: 5.894 min
Delta R.T.: 0.000 min
Response: 745454
Conc: 17.40 ng/ml



#20 AR-1242-5

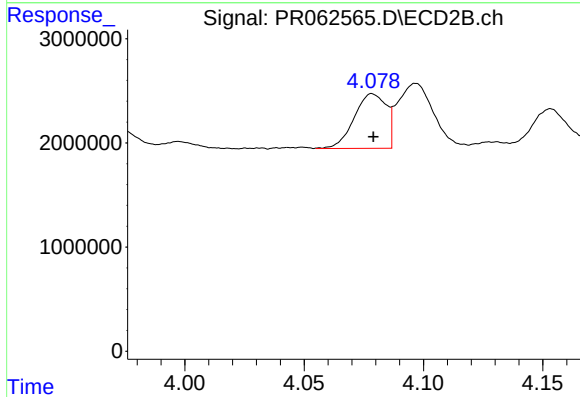
R.T.: 4.918 min
Delta R.T.: -0.001 min
Response: 4171219
Conc: 46.59 ng/ml



#21 AR-1248-1

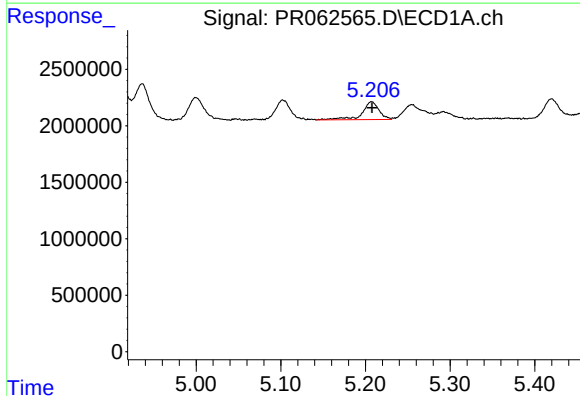
R.T.: 4.913 min
Delta R.T.: -0.001 min
Response: 3066686
Conc: 74.66 ng/ml

Instrument :
ECD_R
ClientSampleId :



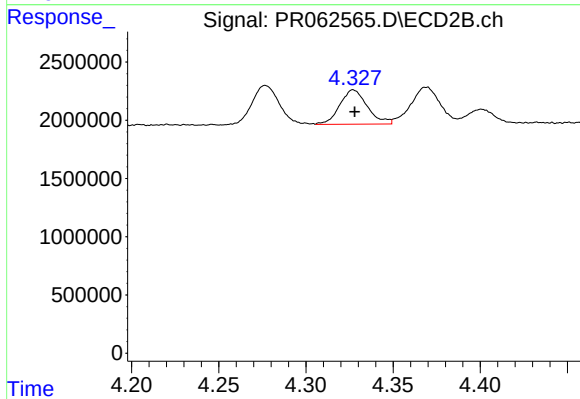
#21 AR-1248-1

R.T.: 4.079 min
Delta R.T.: 0.000 min
Response: 4896718
Conc: 73.18 ng/ml



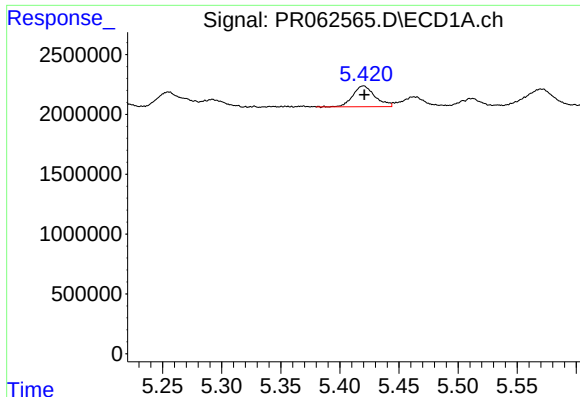
#22 AR-1248-2

R.T.: 5.207 min
Delta R.T.: 0.000 min
Response: 2213941
Conc: 36.55 ng/ml



#22 AR-1248-2

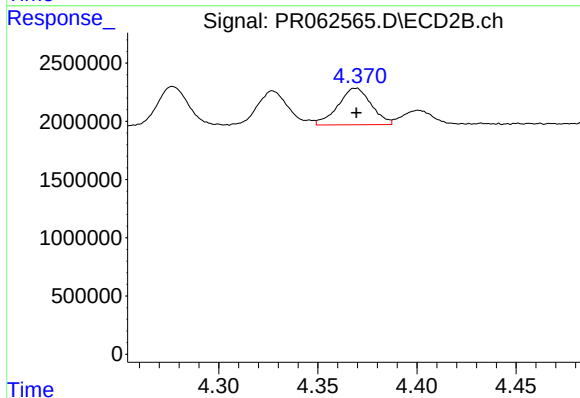
R.T.: 4.327 min
Delta R.T.: 0.000 min
Response: 3252639
Conc: 33.94 ng/ml



#23 AR-1248-3

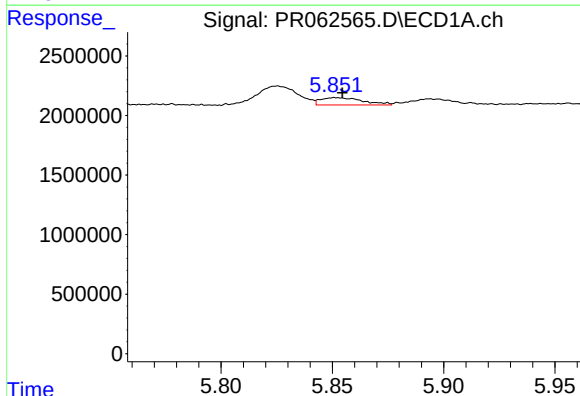
R.T.: 5.420 min
Delta R.T.: 0.000 min
Response: 2256076
Conc: 32.17 ng/ml

Instrument :
ECD_R
ClientSampleId :



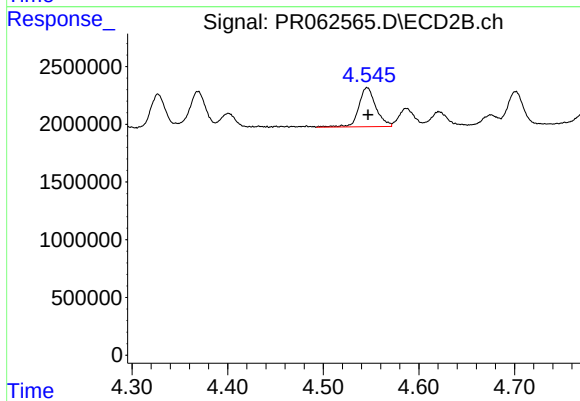
#23 AR-1248-3

R.T.: 4.369 min
Delta R.T.: 0.000 min
Response: 3662960
Conc: 37.10 ng/ml



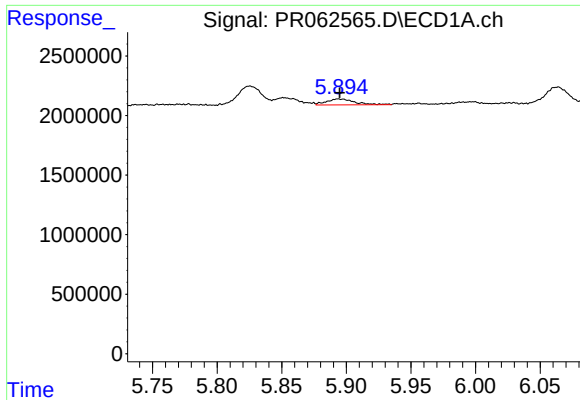
#24 AR-1248-4

R.T.: 5.852 min
Delta R.T.: -0.003 min
Response: 812937
Conc: 11.24 ng/ml



#24 AR-1248-4

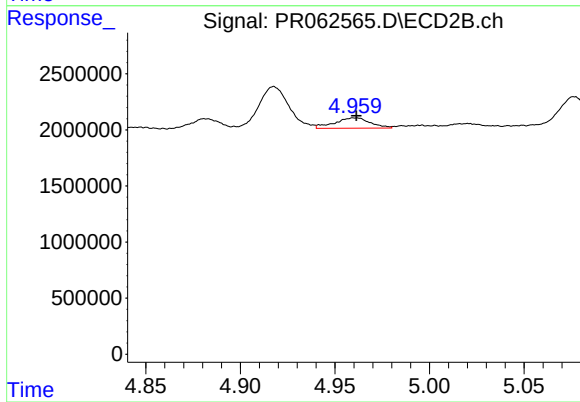
R.T.: 4.546 min
Delta R.T.: -0.001 min
Response: 4203186
Conc: 35.43 ng/ml



#25 AR-1248-5

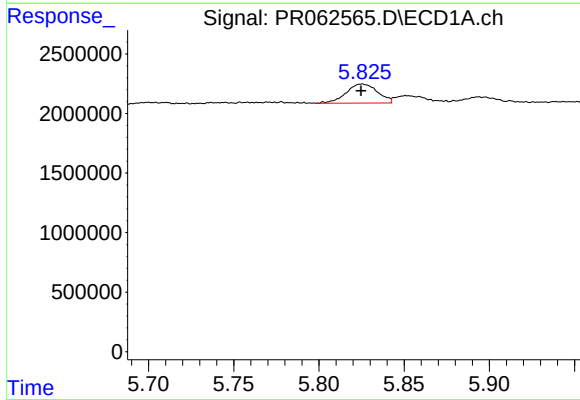
R.T.: 5.894 min
Delta R.T.: -0.001 min
Response: 745454
Conc: 10.52 ng/ml

Instrument :
ECD_R
ClientSampleId :



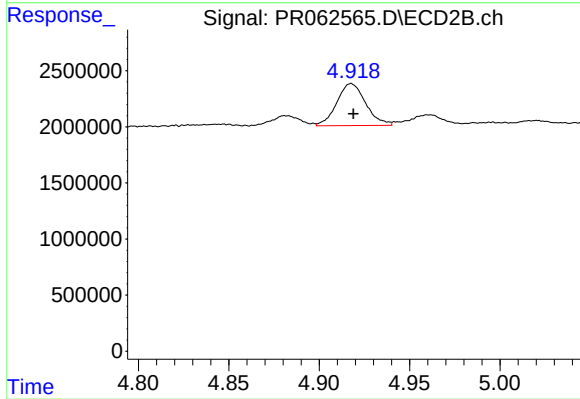
#25 AR-1248-5

R.T.: 4.961 min
Delta R.T.: 0.000 min
Response: 1219712
Conc: 10.21 ng/ml



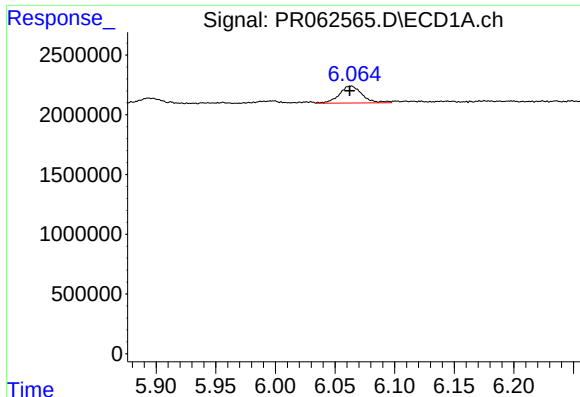
#26 AR-1254-1

R.T.: 5.825 min
Delta R.T.: 0.000 min
Response: 2061123
Conc: 25.79 ng/ml



#26 AR-1254-1

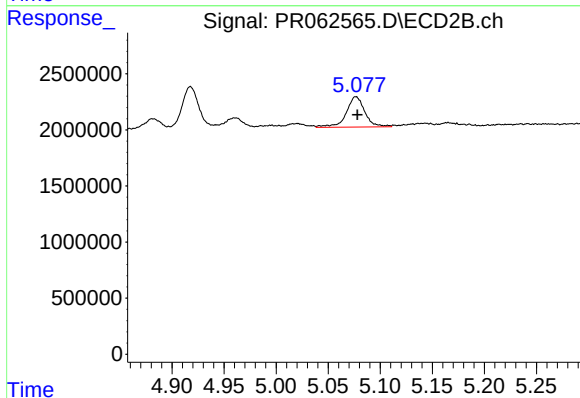
R.T.: 4.918 min
Delta R.T.: -0.001 min
Response: 4171219
Conc: 23.29 ng/ml



#27 AR-1254-2

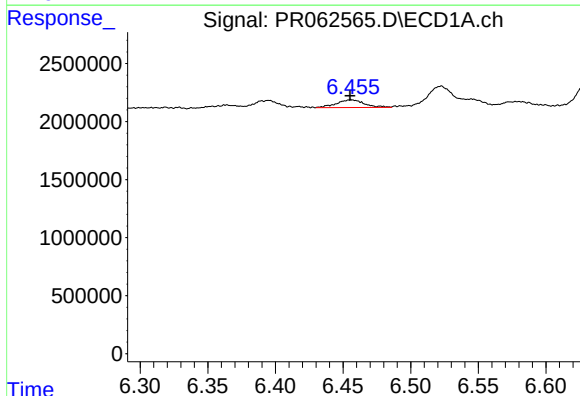
R.T.: 6.064 min
Delta R.T.: 0.001 min
Response: 1886856
Conc: 15.81 ng/ml

Instrument :
ECD_R
ClientSampleId :



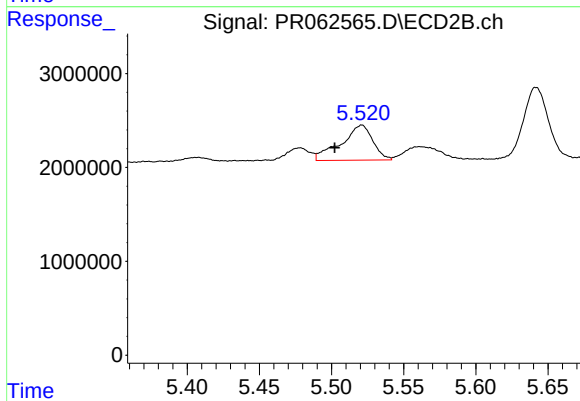
#27 AR-1254-2

R.T.: 5.077 min
Delta R.T.: -0.002 min
Response: 3368738
Conc: 21.54 ng/ml



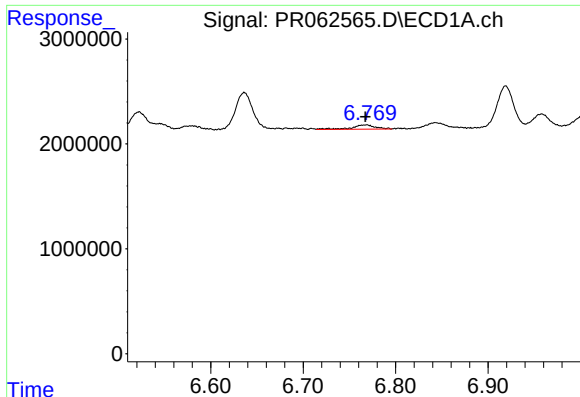
#28 AR-1254-3

R.T.: 6.456 min
Delta R.T.: 0.000 min
Response: 938822
Conc: 7.93 ng/ml



#28 AR-1254-3

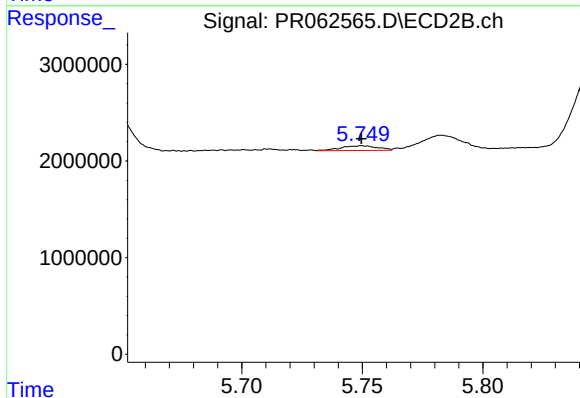
R.T.: 5.521 min
Delta R.T.: 0.019 min
Response: 5758418
Conc: 22.18 ng/ml



#29 AR-1254-4

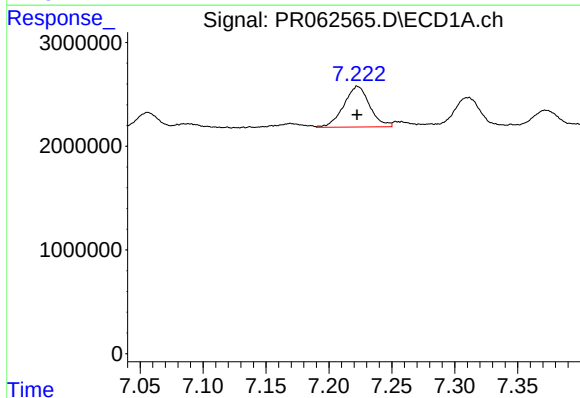
R.T.: 6.768 min
Delta R.T.: 0.001 min
Response: 733814
Conc: 8.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



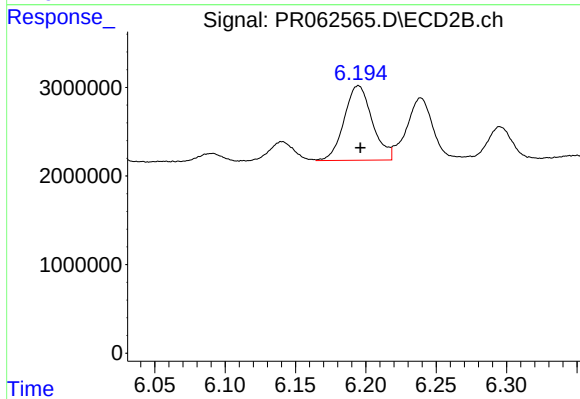
#29 AR-1254-4

R.T.: 5.750 min
Delta R.T.: 0.000 min
Response: 513524
Conc: 3.07 ng/ml



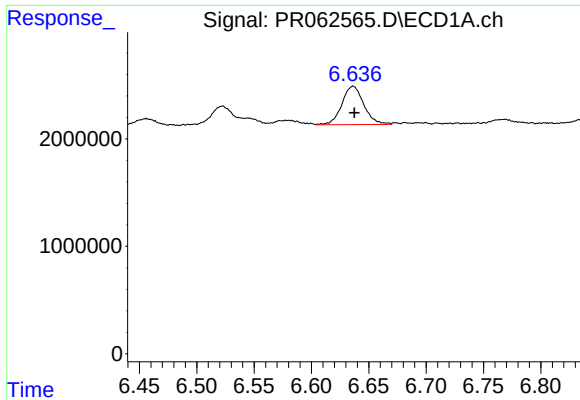
#30 AR-1254-5

R.T.: 7.223 min
Delta R.T.: 0.000 min
Response: 5614974
Conc: 62.46 ng/ml



#30 AR-1254-5

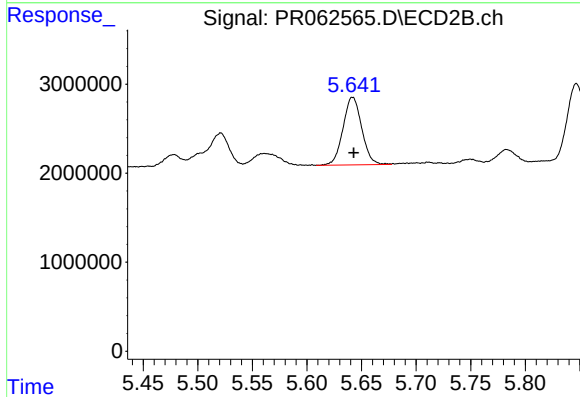
R.T.: 6.195 min
Delta R.T.: -0.001 min
Response: 11689295
Conc: 47.01 ng/ml



#31 AR-1260-1

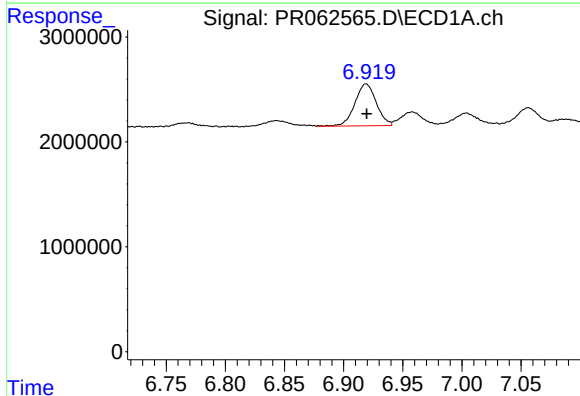
R.T.: 6.636 min
Delta R.T.: -0.001 min
Response: 4776714
Conc: 46.27 ng/ml

Instrument :
ECD_R
ClientSampleId :



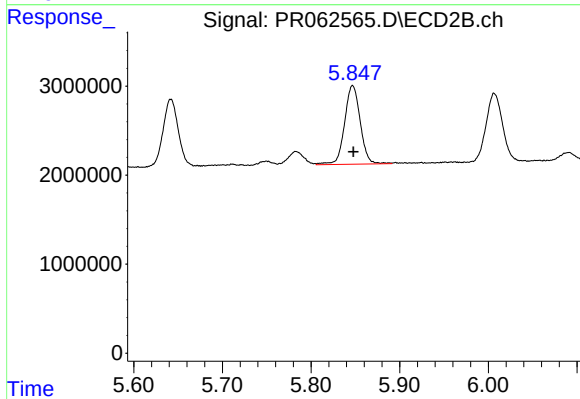
#31 AR-1260-1

R.T.: 5.642 min
Delta R.T.: -0.001 min
Response: 9065215
Conc: 46.59 ng/ml



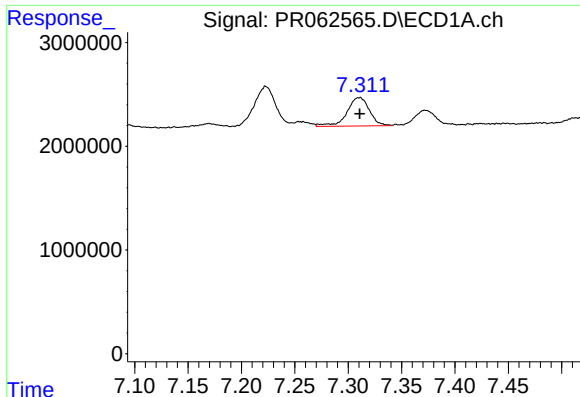
#32 AR-1260-2

R.T.: 6.919 min
Delta R.T.: 0.000 min
Response: 5027884
Conc: 45.84 ng/ml



#32 AR-1260-2

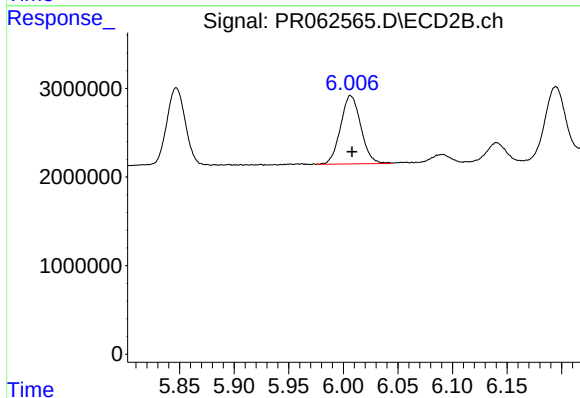
R.T.: 5.847 min
Delta R.T.: 0.000 min
Response: 10821260
Conc: 45.52 ng/ml



#33 AR-1260-3

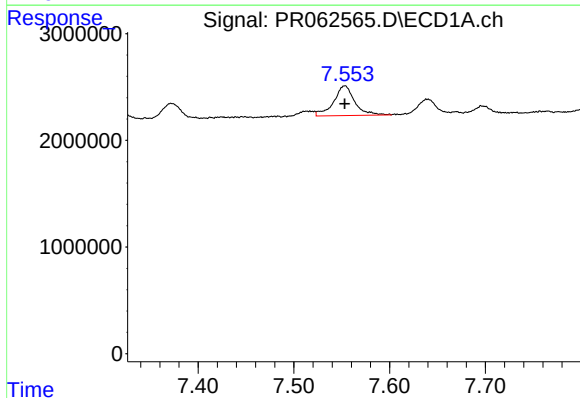
R.T.: 7.310 min
Delta R.T.: 0.000 min
Response: 4046680
Conc: 49.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



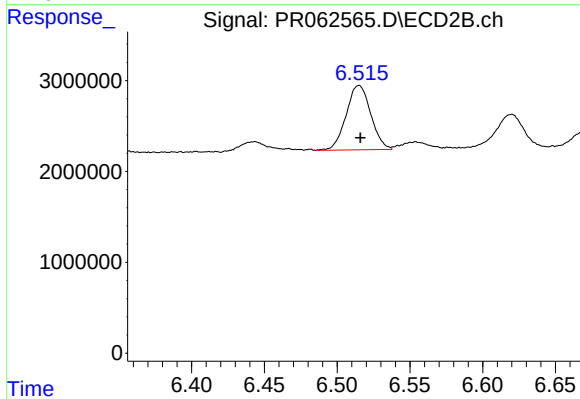
#33 AR-1260-3

R.T.: 6.007 min
Delta R.T.: -0.001 min
Response: 9950172
Conc: 44.12 ng/ml



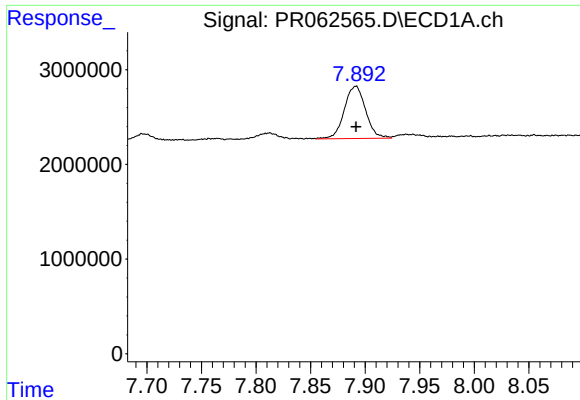
#34 AR-1260-4

R.T.: 7.553 min
Delta R.T.: 0.000 min
Response: 4261558
Conc: 47.39 ng/ml



#34 AR-1260-4

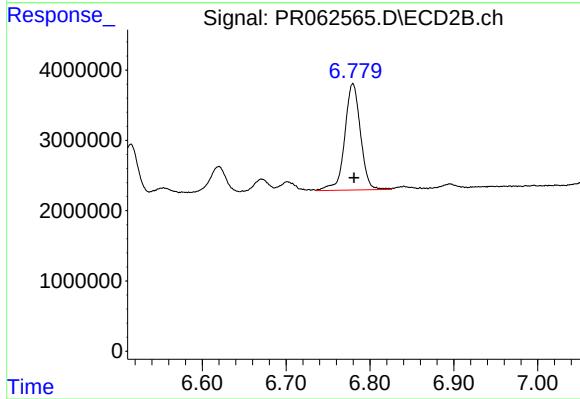
R.T.: 6.515 min
Delta R.T.: -0.001 min
Response: 8342358
Conc: 42.11 ng/ml



#35 AR-1260-5

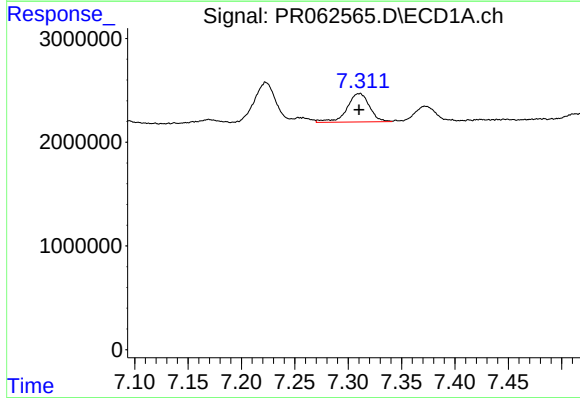
R.T.: 7.891 min
Delta R.T.: 0.000 min
Response: 7518240
Conc: 46.40 ng/ml

Instrument :
ECD_R
ClientSampleId :



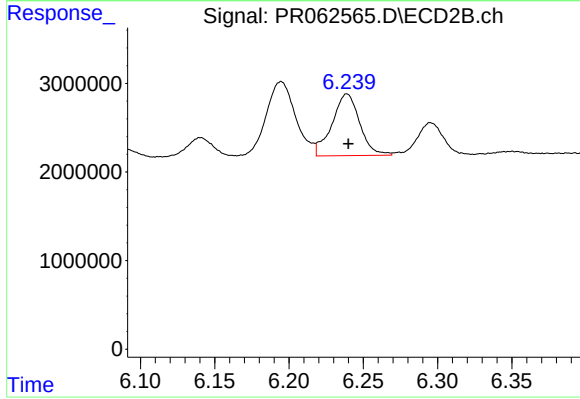
#35 AR-1260-5

R.T.: 6.780 min
Delta R.T.: -0.001 min
Response: 19751425
Conc: 42.62 ng/ml



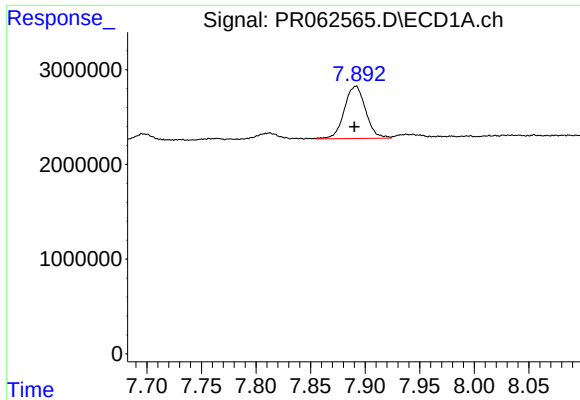
#36 AR-1262-1

R.T.: 7.310 min
Delta R.T.: 0.000 min
Response: 4046680
Conc: 35.25 ng/ml



#36 AR-1262-1

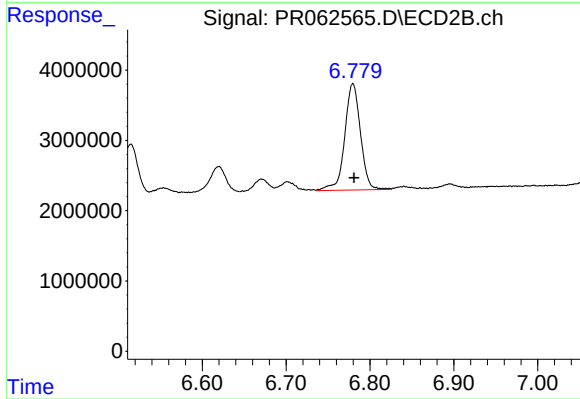
R.T.: 6.239 min
Delta R.T.: 0.000 min
Response: 9028160
Conc: 34.68 ng/ml



#37 AR-1262-2

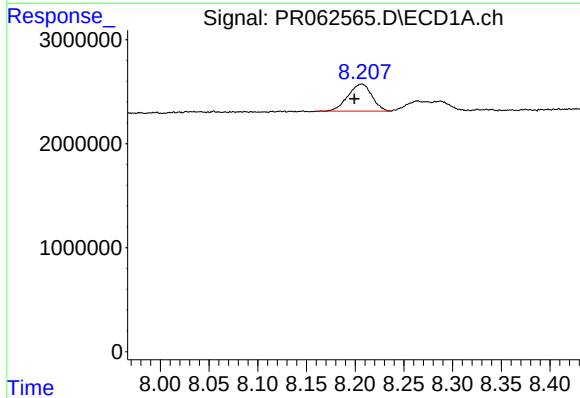
R.T.: 7.891 min
Delta R.T.: 0.001 min
Response: 7518240
Conc: 41.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



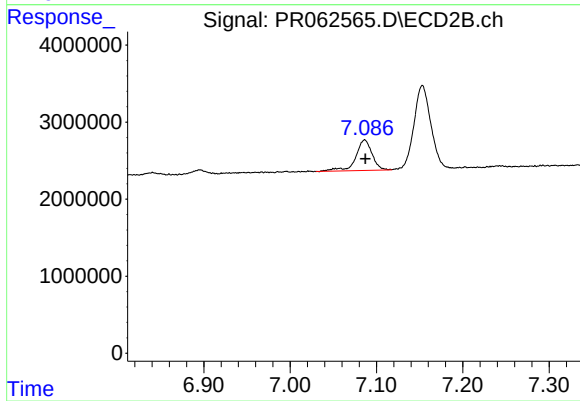
#37 AR-1262-2

R.T.: 6.780 min
Delta R.T.: -0.001 min
Response: 19751425
Conc: 40.63 ng/ml



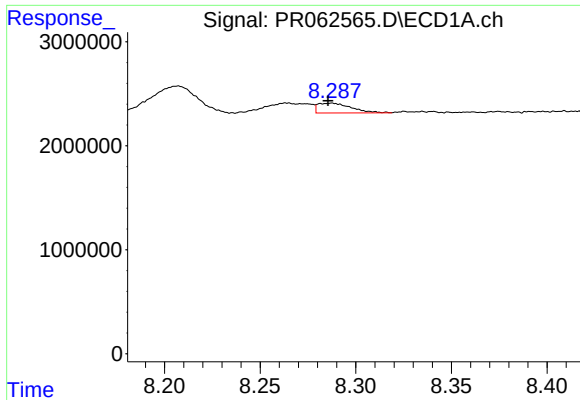
#38 AR-1262-3

R.T.: 8.207 min
Delta R.T.: 0.008 min
Response: 4437894
Conc: 34.98 ng/ml



#38 AR-1262-3

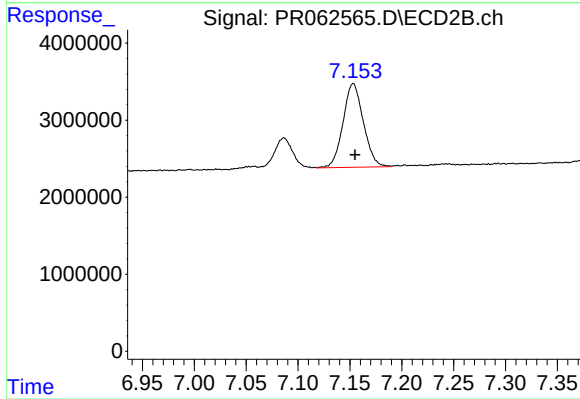
R.T.: 7.086 min
Delta R.T.: 0.000 min
Response: 5252966
Conc: 26.44 ng/ml



#39 AR-1262-4

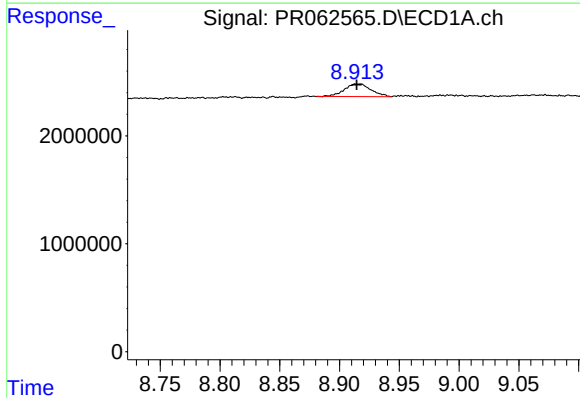
R.T.: 8.287 min
Delta R.T.: 0.002 min
Response: 1142135
Conc: 11.32 ng/ml

Instrument :
ECD_R
ClientSampleId :



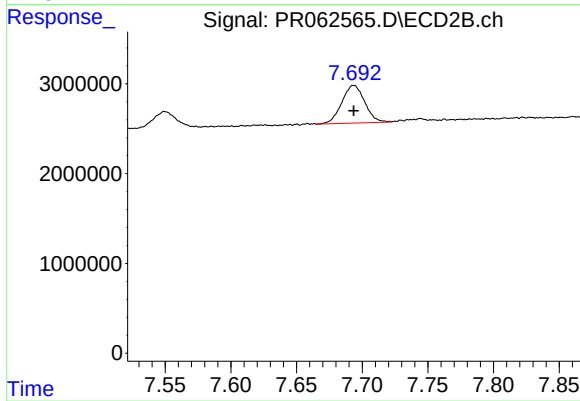
#39 AR-1262-4

R.T.: 7.153 min
Delta R.T.: -0.002 min
Response: 14834620
Conc: 39.85 ng/ml



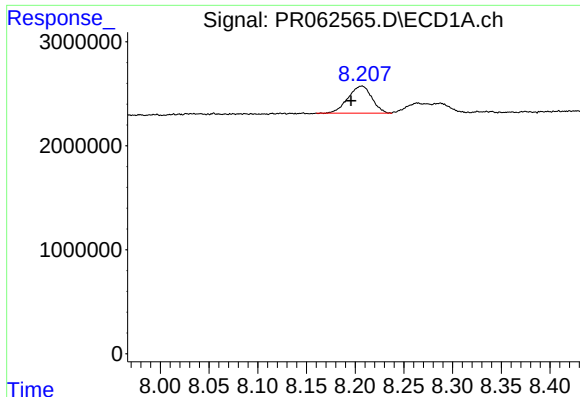
#40 AR-1262-5

R.T.: 8.916 min
Delta R.T.: 0.002 min
Response: 1815166
Conc: 28.17 ng/ml



#40 AR-1262-5

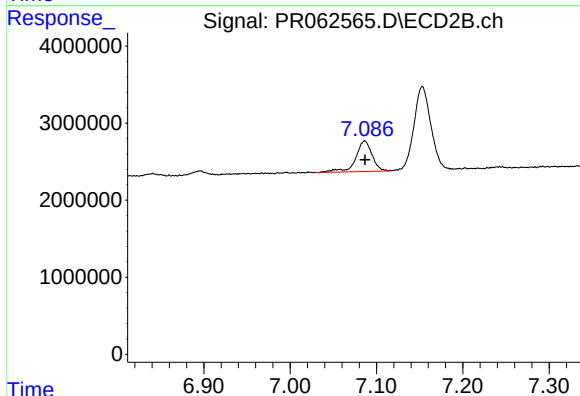
R.T.: 7.694 min
Delta R.T.: 0.000 min
Response: 5102800
Conc: 28.78 ng/ml



#41 AR-1268-1

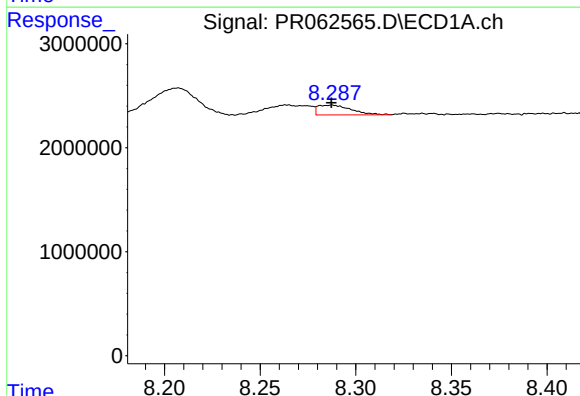
R.T.: 8.207 min
Delta R.T.: 0.011 min
Response: 4437894
Conc: 20.46 ng/ml

Instrument :
ECD_R
ClientSampleId :



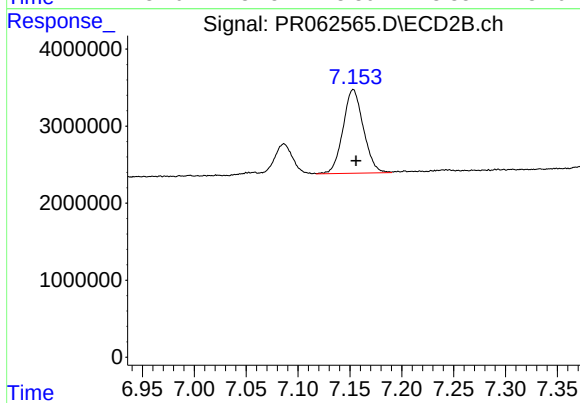
#41 AR-1268-1

R.T.: 7.086 min
Delta R.T.: 0.000 min
Response: 5252966
Conc: 9.02 ng/ml



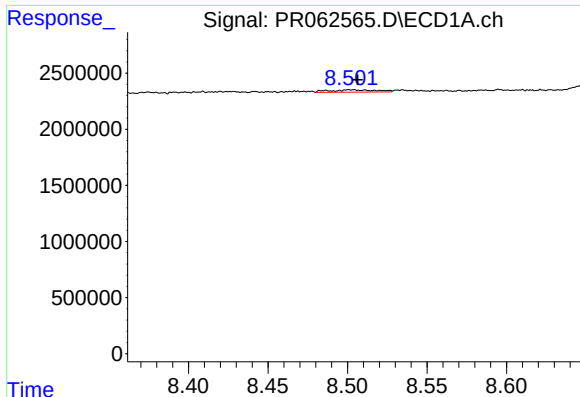
#42 AR-1268-2

R.T.: 8.287 min
Delta R.T.: 0.000 min
Response: 1142135
Conc: 5.64 ng/ml



#42 AR-1268-2

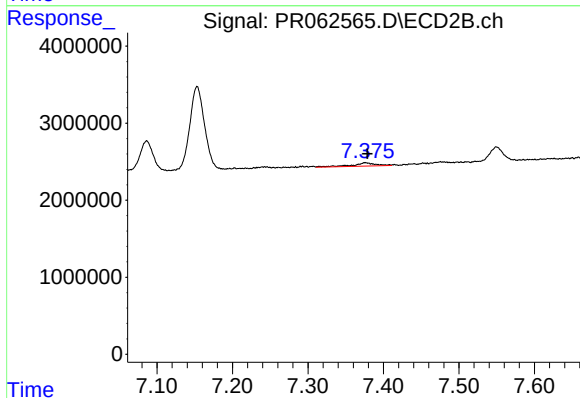
R.T.: 7.153 min
Delta R.T.: -0.003 min
Response: 14834620
Conc: 27.54 ng/ml



#43 AR-1268-3

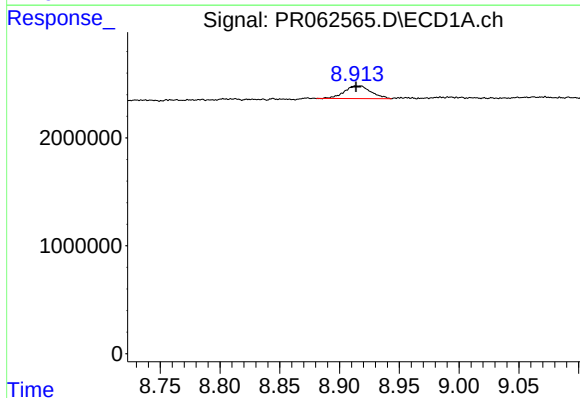
R.T.: 8.501 min
Delta R.T.: -0.005 min
Response: 405977
Conc: 2.29 ng/ml

Instrument :
ECD_R
ClientSampleId :



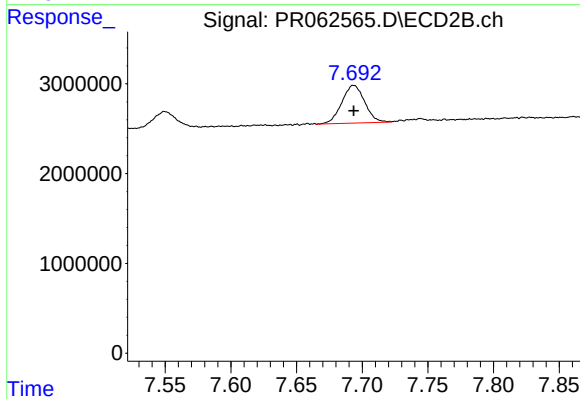
#43 AR-1268-3

R.T.: 7.376 min
Delta R.T.: -0.003 min
Response: 943635
Conc: 2.00 ng/ml



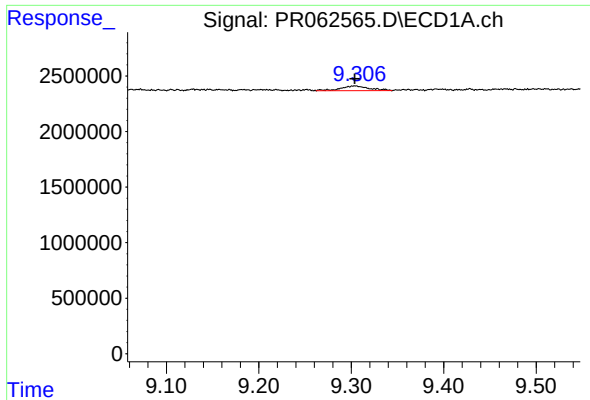
#44 AR-1268-4

R.T.: 8.916 min
Delta R.T.: 0.002 min
Response: 1815166
Conc: 26.22 ng/ml



#44 AR-1268-4

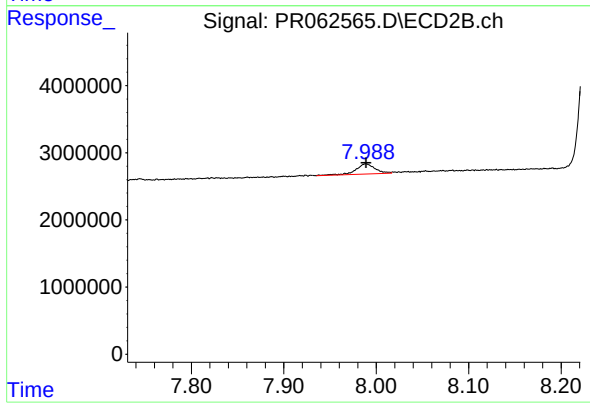
R.T.: 7.694 min
Delta R.T.: 0.000 min
Response: 5102800
Conc: 25.82 ng/ml



#45 AR-1268-5

R.T.: 9.304 min
Delta R.T.: 0.000 min
Response: 883169
Conc: 1.74 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.989 min
Delta R.T.: 0.000 min
Response: 2230082
Conc: 1.49 ng/ml