

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR040823\
 Data File : PR060739.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Apr 2023 21:57
 Operator : AJ\MA
 Sample : 02213-01
 Misc : AR1660 LOD 40 PPB
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 08 02:00:18 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...	3.688	2.901	57441418	73822741	18.815	17.346
2)	SA Decachlor...	9.660	8.130	58378926	81342054	20.580	18.711
Target Compounds							
3)	L1 AR-1016-1	4.922	4.010	5413139	5486814	48.898	37.106
4)	L1 AR-1016-2	4.944	4.027	7290257	7182319	46.842	33.859 #
5)	L1 AR-1016-3	5.009	4.204	5001357	3783186	51.261	34.331 #
6)	L1 AR-1016-4	5.112	4.256	3277217	3185534	42.114	37.265
7)	L1 AR-1016-5	5.431	4.471	3278413	4055520	41.220	35.510
8)	L2 AR-1221-1	3.902	3.123	673607	689518	17.003	14.518
9)	L2 AR-1221-2	4.002	3.204	1371170	1711706	47.224	48.252
10)	L2 AR-1221-3	4.080	3.285	2774310	2952304	31.031	26.088
11)	L3 AR-1232-1	4.080	3.285	2774310	2952304	37.268	31.646
12)	L3 AR-1232-2	4.635	4.027	3338504	7182319	91.836	78.535
13)	L3 AR-1232-3	4.944	4.204	7290257	3783186	103.465	81.662
14)	L3 AR-1232-4	5.112	4.297	3277217	3909123	95.011	95.753
15)	L3 AR-1232-5	5.217	4.471	2723878	4055520	103.937	86.311
16)	L4 AR-1242-1	4.922	4.010	5413139	5486814	61.342	47.242
17)	L4 AR-1242-2	4.944	4.027	7290257	7182319	58.766	43.075 #
18)	L4 AR-1242-3	5.009	4.204	5001357	3783186	64.012	44.095 #
19)	L4 AR-1242-4	5.112	4.297	3277217	3909123	52.331	48.331
20)	L4 AR-1242-5	5.908	4.839	1092407	4346702	15.778	40.350 #
21)	L5 AR-1248-1	4.922	4.010	5413139	5486814	81.458	63.811
22)	L5 AR-1248-2	5.217	4.256	2723878	3185534	30.677	26.493
23)	L5 AR-1248-3	5.431	4.297	3278413	3909123	31.139	32.068
24)	L5 AR-1248-4	5.869	4.471	969400	4055520	8.063	26.868 #
25)	L5 AR-1248-5	5.908	4.880	1092407	1300961	9.228	8.464
26)	L6 AR-1254-1	5.839	4.839	2898089	4346702	24.062	17.978 #
27)	L6 AR-1254-2	6.077	4.997	2902590	2857307	15.224	13.675
28)	L6 AR-1254-3	6.472	5.435f	1603211	5974832	7.813	17.169 #
29)	L6 AR-1254-4	6.785	5.662	696411	535309	4.473	2.428 #
30)	L6 AR-1254-5	7.243	6.103	9430649	11980584	56.052	37.382 #
31)	L7 AR-1260-1	6.654	5.555	6986139	9772740	43.852	39.873
32)	L7 AR-1260-2	6.938	5.761	8325092	10998497	43.142	35.389
33)	L7 AR-1260-3	7.332	5.917	6511367	9651421	45.743	34.378
34)	L7 AR-1260-4	7.576	6.421	7571104	8552922	46.310	35.532
35)	L7 AR-1260-5	7.916	6.687	13320860	19246717	42.120	33.058
36)	L8 AR-1262-1	7.332	6.149	6511367	9191419	34.449	29.139
37)	L8 AR-1262-2	7.916	6.421	13320860	8552922	39.537	29.680
38)	L8 AR-1262-3	8.234	6.990	8813312	4603014	38.273	20.324 #
39)	L8 AR-1262-4	8.314	7.056	2153875	14761122	12.239	34.327 #
40)	L8 AR-1262-5	8.950	7.595	4683992	4915922	37.390	24.551 #
41)	L9 AR-1268-1	8.234	6.990	8813312	4603014	21.322	6.246 #

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 Misc : AR1660 LOD 40 PPB
 ALS Vial : 34 Sample Multiplier: 1

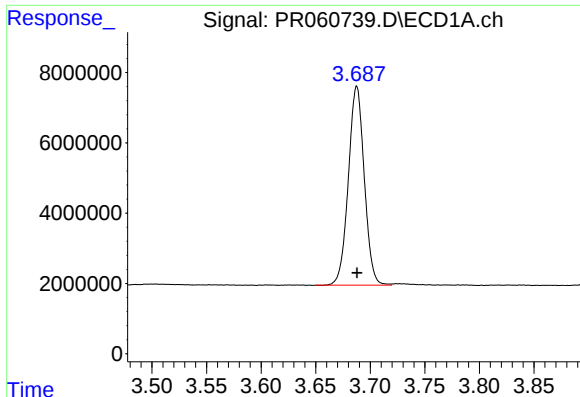
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 08 02:00:18 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	8.314	7.056	2153875	14761122	5.726	22.077 #
43) L9	AR-1268-3	8.529	7.281	398763	4314402	1.244	7.591 #
44) L9	AR-1268-4	8.950	7.595	4683992	4915922	32.596	21.081 #
45) L9	AR-1268-5	9.341	7.888	1235189	1767033	1.169	0.940

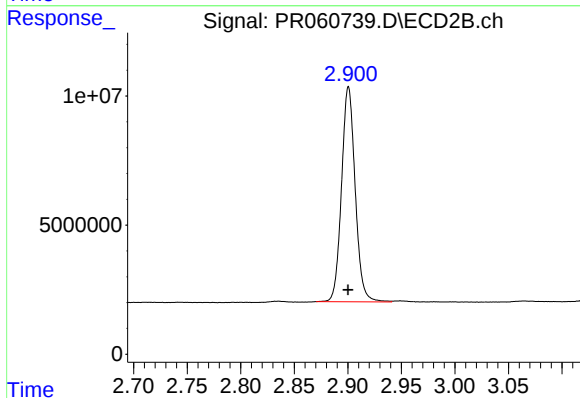
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

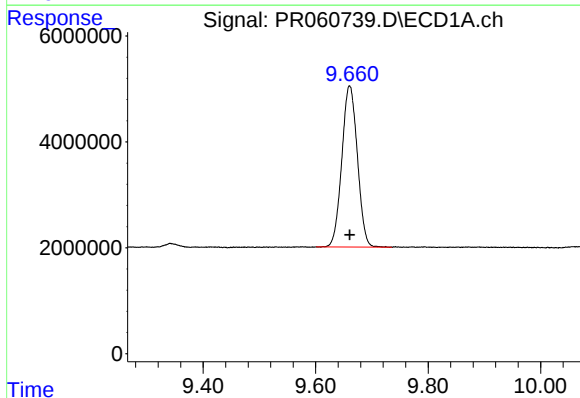
R.T.: 3.688 min
Delta R.T.: 0.000 min
Response: 57441418
Conc: 18.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



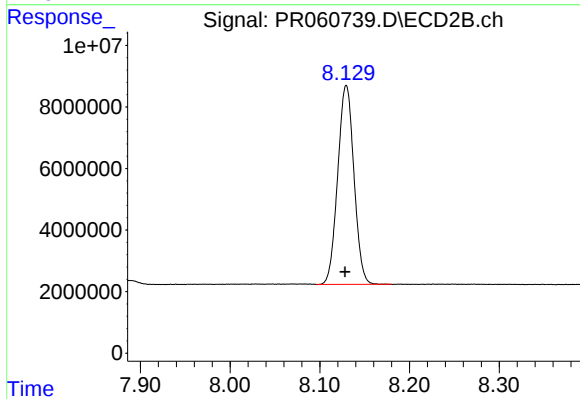
#1 Tetrachloro-m-xylene

R.T.: 2.901 min
Delta R.T.: 0.000 min
Response: 73822741
Conc: 17.35 ng/ml



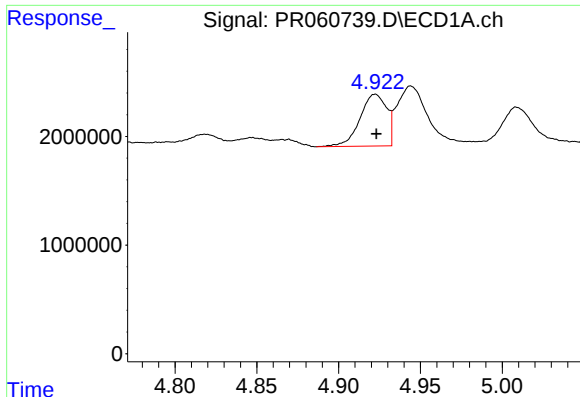
#2 Decachlorobiphenyl

R.T.: 9.660 min
Delta R.T.: 0.000 min
Response: 58378926
Conc: 20.58 ng/ml



#2 Decachlorobiphenyl

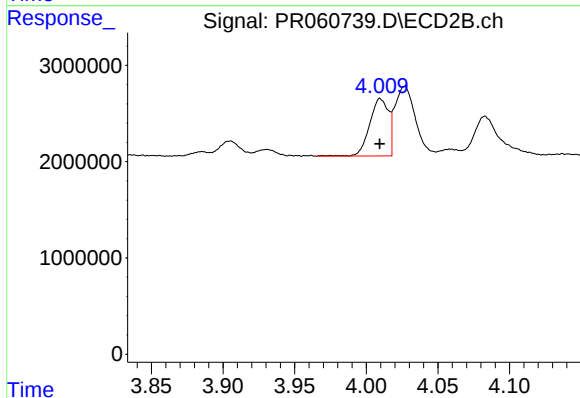
R.T.: 8.130 min
Delta R.T.: 0.001 min
Response: 81342054
Conc: 18.71 ng/ml



#3 AR-1016-1

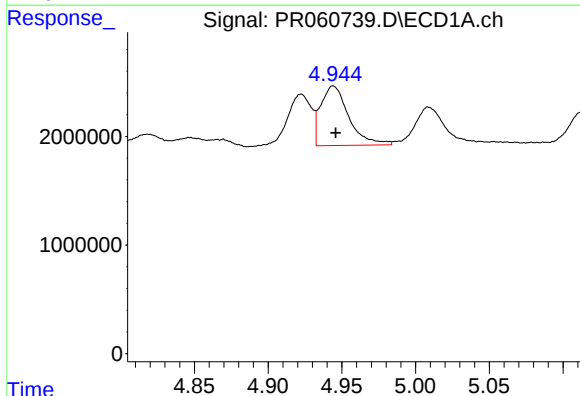
R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 5413139
Conc: 48.90 ng/ml

Instrument :
ECD_R
ClientSampleId :



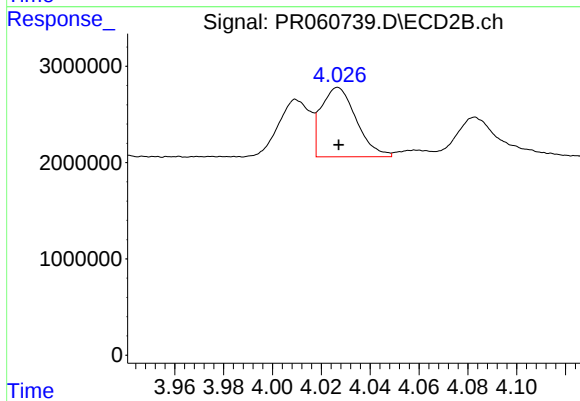
#3 AR-1016-1

R.T.: 4.010 min
Delta R.T.: 0.000 min
Response: 5486814
Conc: 37.11 ng/ml



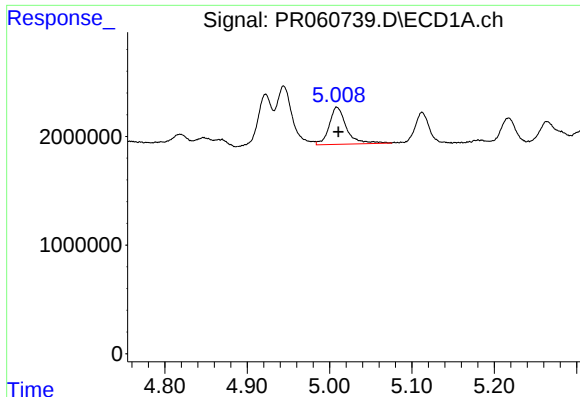
#4 AR-1016-2

R.T.: 4.944 min
Delta R.T.: -0.002 min
Response: 7290257
Conc: 46.84 ng/ml



#4 AR-1016-2

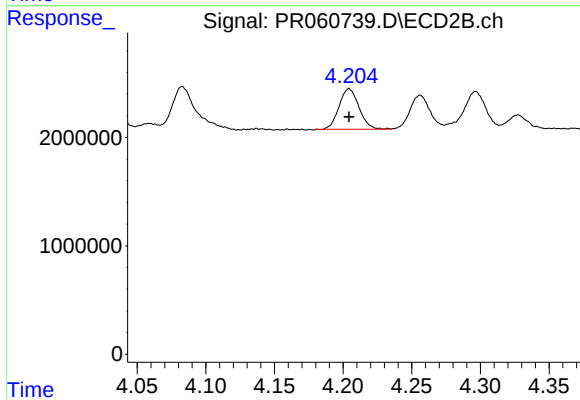
R.T.: 4.027 min
Delta R.T.: 0.000 min
Response: 7182319
Conc: 33.86 ng/ml



#5 AR-1016-3

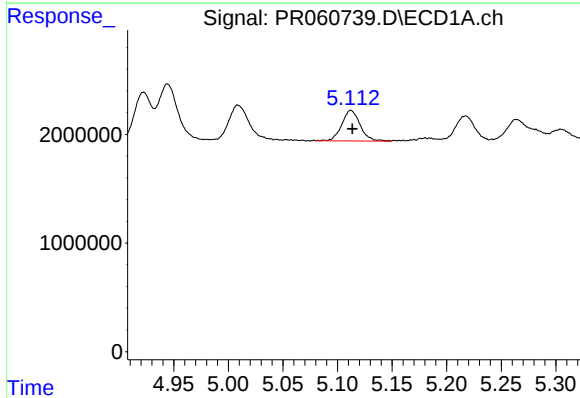
R.T.: 5.009 min
Delta R.T.: -0.002 min
Response: 5001357
Conc: 51.26 ng/ml

Instrument :
ECD_R
ClientSampleId :



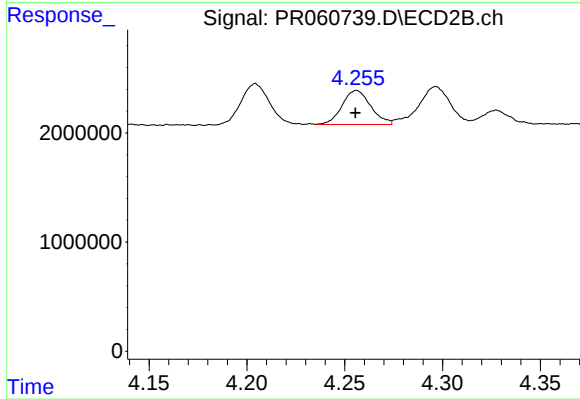
#5 AR-1016-3

R.T.: 4.204 min
Delta R.T.: 0.000 min
Response: 3783186
Conc: 34.33 ng/ml



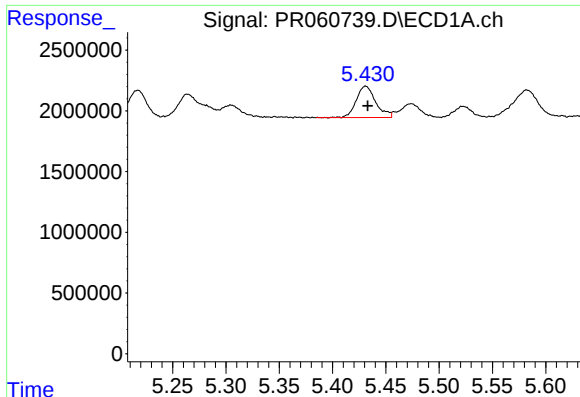
#6 AR-1016-4

R.T.: 5.112 min
Delta R.T.: -0.001 min
Response: 3277217
Conc: 42.11 ng/ml



#6 AR-1016-4

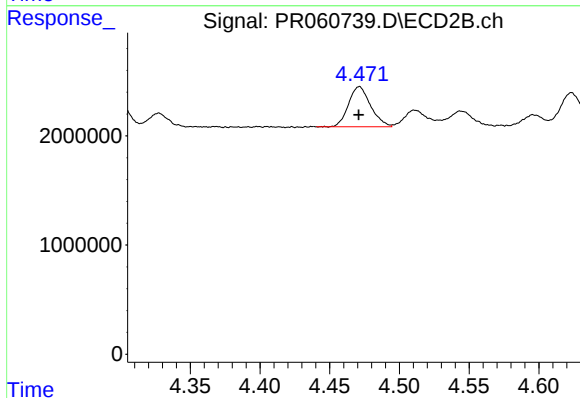
R.T.: 4.256 min
Delta R.T.: 0.000 min
Response: 3185534
Conc: 37.26 ng/ml



#7 AR-1016-5

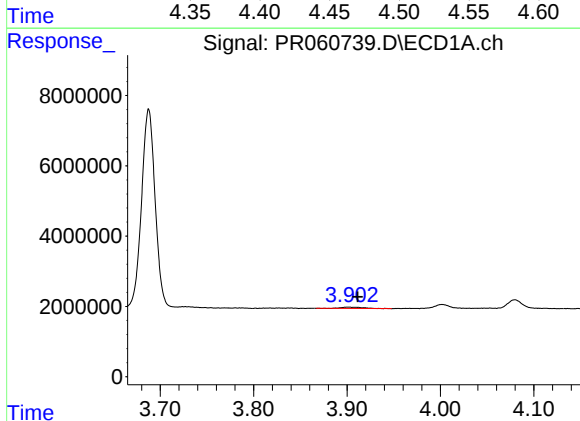
R.T.: 5.431 min
Delta R.T.: -0.002 min
Response: 3278413
Conc: 41.22 ng/ml

Instrument :
ECD_R
ClientSampleId :



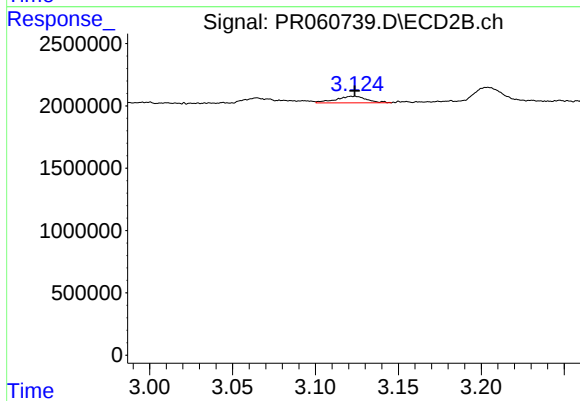
#7 AR-1016-5

R.T.: 4.471 min
Delta R.T.: 0.000 min
Response: 4055520
Conc: 35.51 ng/ml



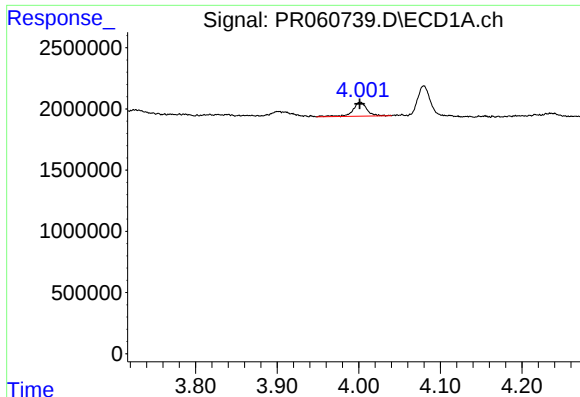
#8 AR-1221-1

R.T.: 3.902 min
Delta R.T.: -0.010 min
Response: 673607
Conc: 17.00 ng/ml



#8 AR-1221-1

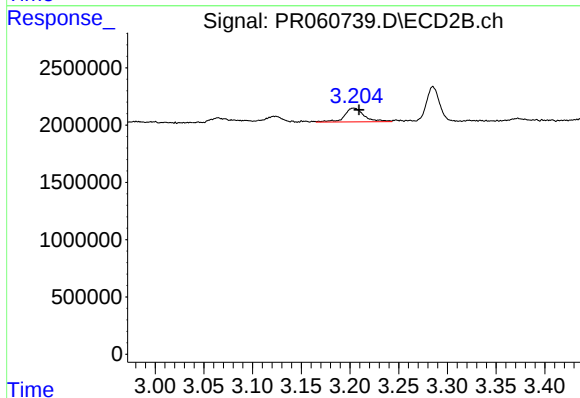
R.T.: 3.123 min
Delta R.T.: -0.001 min
Response: 689518
Conc: 14.52 ng/ml



#9 AR-1221-2

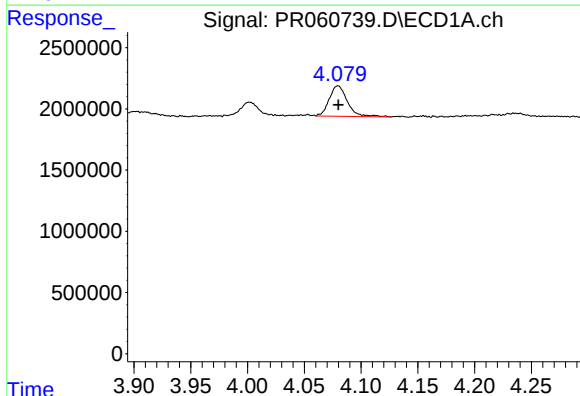
R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 1371170
Conc: 47.22 ng/ml

Instrument :
ECD_R
ClientSampleId :



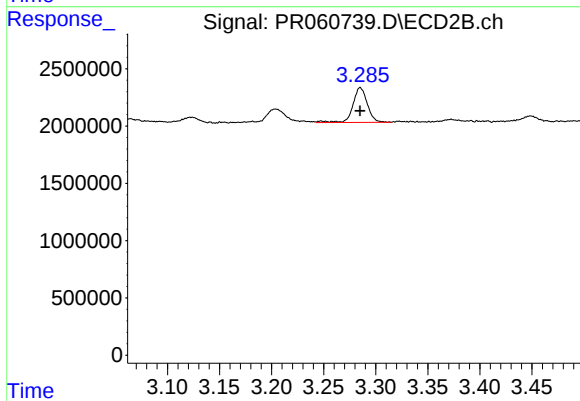
#9 AR-1221-2

R.T.: 3.204 min
Delta R.T.: -0.005 min
Response: 1711706
Conc: 48.25 ng/ml



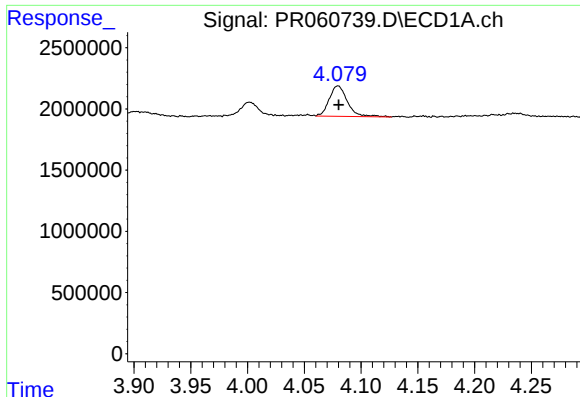
#10 AR-1221-3

R.T.: 4.080 min
Delta R.T.: 0.000 min
Response: 2774310
Conc: 31.03 ng/ml



#10 AR-1221-3

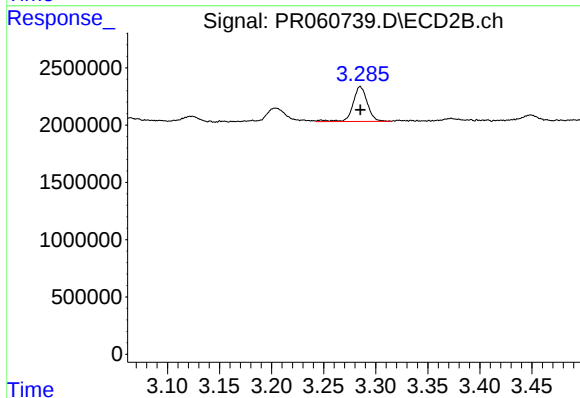
R.T.: 3.285 min
Delta R.T.: 0.000 min
Response: 2952304
Conc: 26.09 ng/ml



#11 AR-1232-1

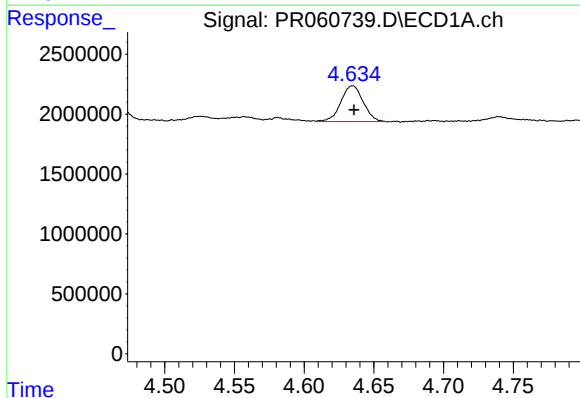
R.T.: 4.080 min
Delta R.T.: 0.000 min
Response: 2774310
Conc: 37.27 ng/ml

Instrument :
ECD_R
ClientSampleId :



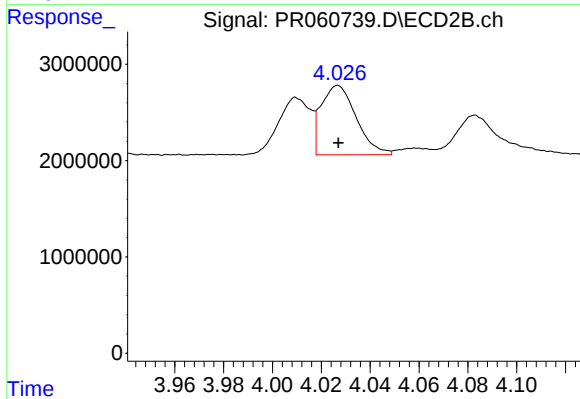
#11 AR-1232-1

R.T.: 3.285 min
Delta R.T.: 0.000 min
Response: 2952304
Conc: 31.65 ng/ml



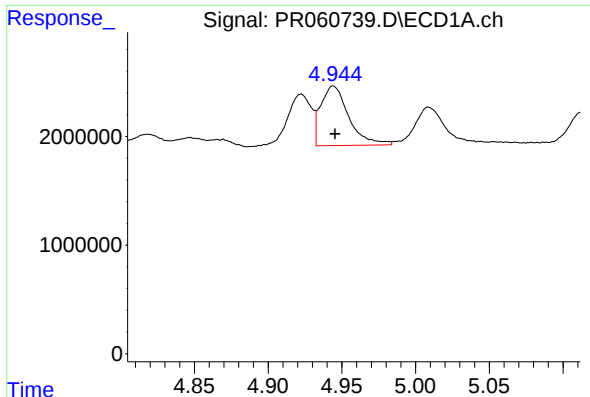
#12 AR-1232-2

R.T.: 4.635 min
Delta R.T.: -0.001 min
Response: 3338504
Conc: 91.84 ng/ml



#12 AR-1232-2

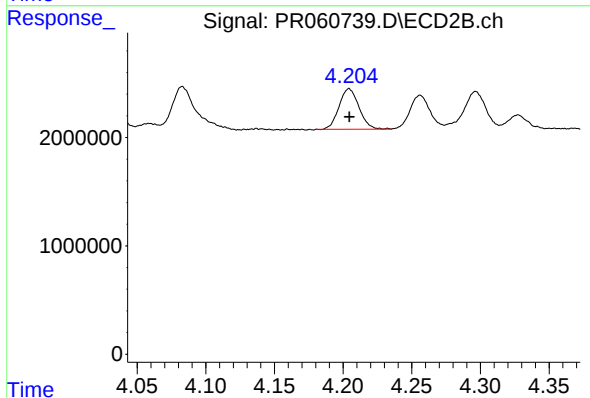
R.T.: 4.027 min
Delta R.T.: 0.000 min
Response: 7182319
Conc: 78.54 ng/ml



#13 AR-1232-3

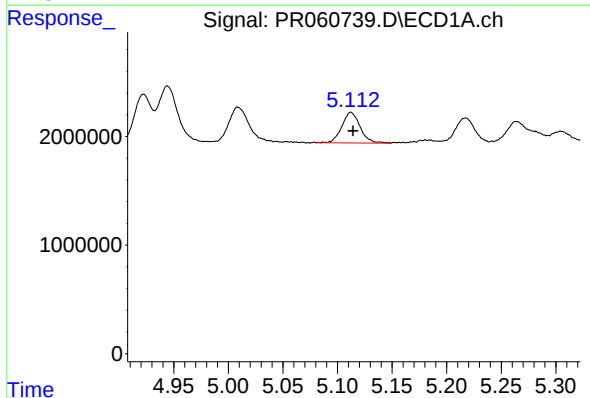
R.T.: 4.944 min
Delta R.T.: -0.001 min
Response: 7290257
Conc: 103.47 ng/ml

Instrument :
ECD_R
ClientSampleId :



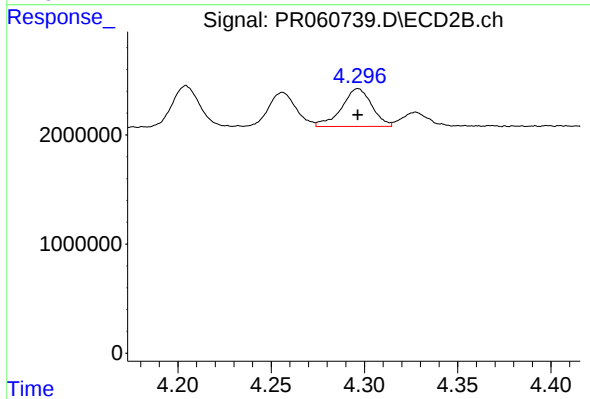
#13 AR-1232-3

R.T.: 4.204 min
Delta R.T.: 0.000 min
Response: 3783186
Conc: 81.66 ng/ml



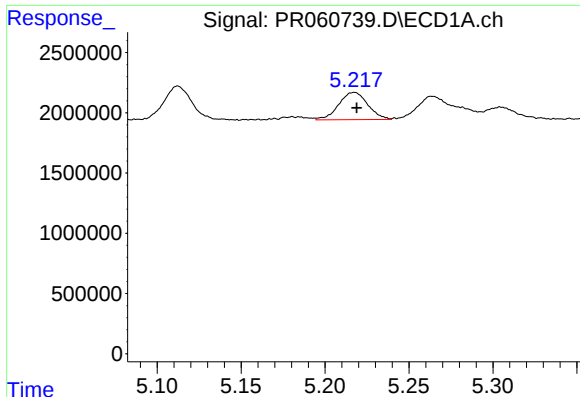
#14 AR-1232-4

R.T.: 5.112 min
Delta R.T.: -0.002 min
Response: 3277217
Conc: 95.01 ng/ml



#14 AR-1232-4

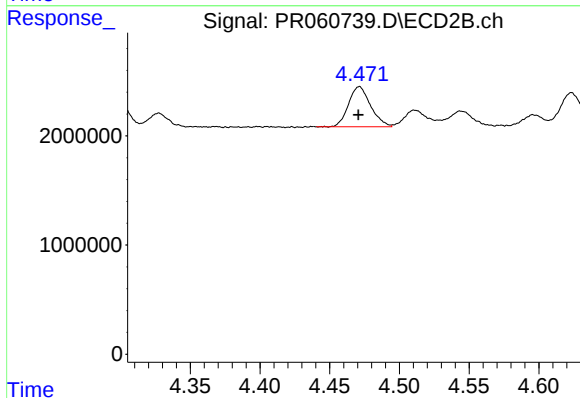
R.T.: 4.297 min
Delta R.T.: 0.000 min
Response: 3909123
Conc: 95.75 ng/ml



#15 AR-1232-5

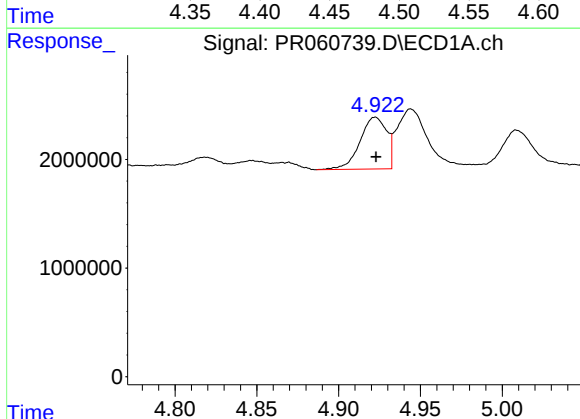
R.T.: 5.217 min
Delta R.T.: -0.002 min
Response: 2723878
Conc: 103.94 ng/ml

Instrument :
ECD_R
ClientSampleId :



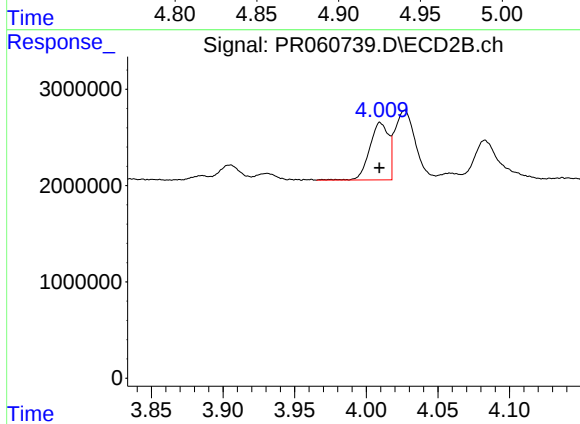
#15 AR-1232-5

R.T.: 4.471 min
Delta R.T.: 0.000 min
Response: 4055520
Conc: 86.31 ng/ml



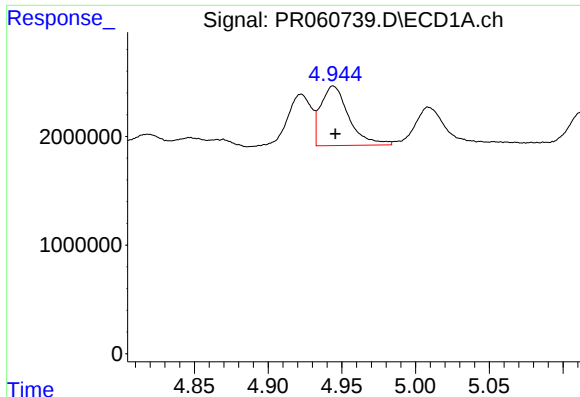
#16 AR-1242-1

R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 5413139
Conc: 61.34 ng/ml



#16 AR-1242-1

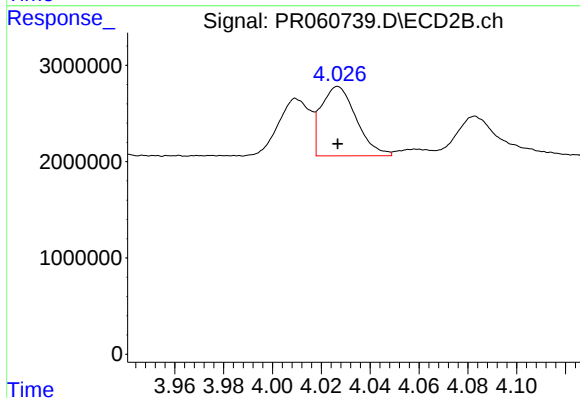
R.T.: 4.010 min
Delta R.T.: 0.000 min
Response: 5486814
Conc: 47.24 ng/ml



#17 AR-1242-2

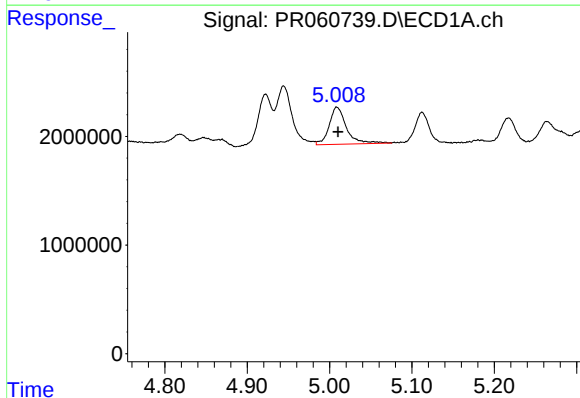
R.T.: 4.944 min
Delta R.T.: -0.001 min
Response: 7290257
Conc: 58.77 ng/ml

Instrument :
ECD_R
ClientSampleId :



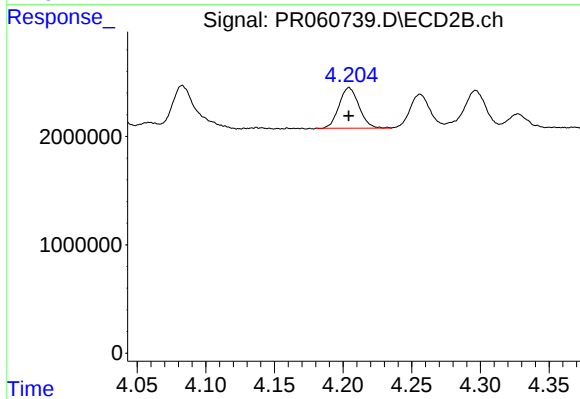
#17 AR-1242-2

R.T.: 4.027 min
Delta R.T.: 0.000 min
Response: 7182319
Conc: 43.07 ng/ml



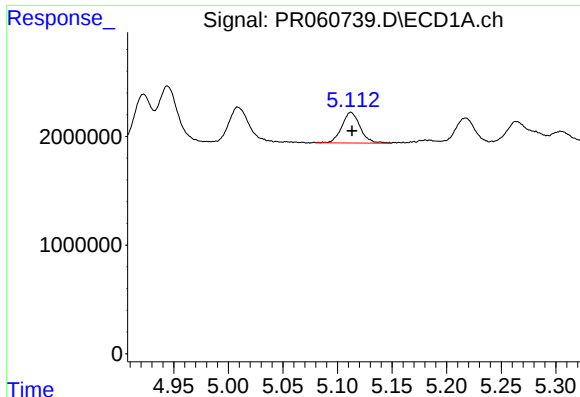
#18 AR-1242-3

R.T.: 5.009 min
Delta R.T.: -0.002 min
Response: 5001357
Conc: 64.01 ng/ml



#18 AR-1242-3

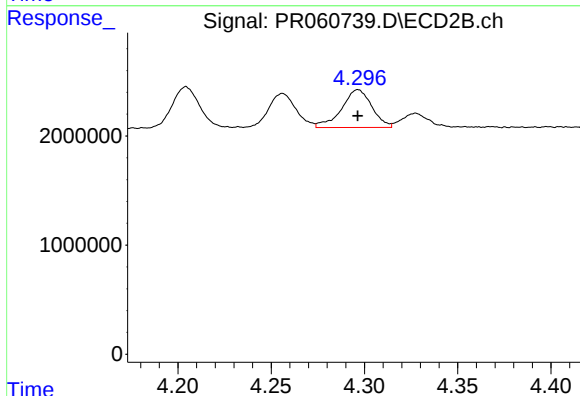
R.T.: 4.204 min
Delta R.T.: 0.000 min
Response: 3783186
Conc: 44.10 ng/ml



#19 AR-1242-4

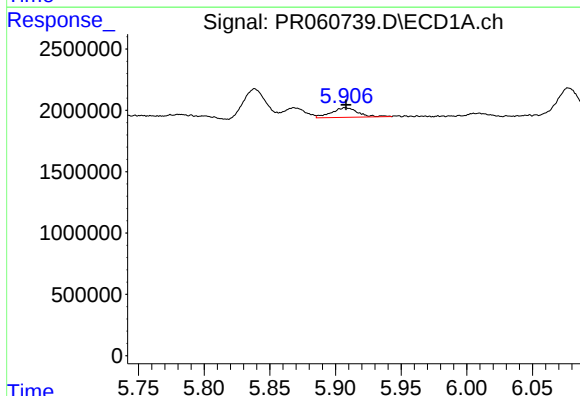
R.T.: 5.112 min
Delta R.T.: -0.001 min
Response: 3277217
Conc: 52.33 ng/ml

Instrument :
ECD_R
ClientSampleId :



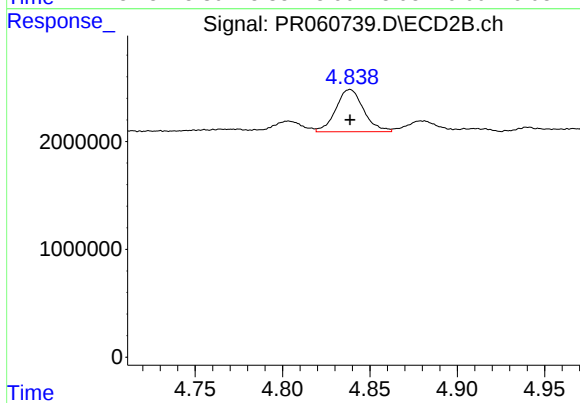
#19 AR-1242-4

R.T.: 4.297 min
Delta R.T.: 0.000 min
Response: 3909123
Conc: 48.33 ng/ml



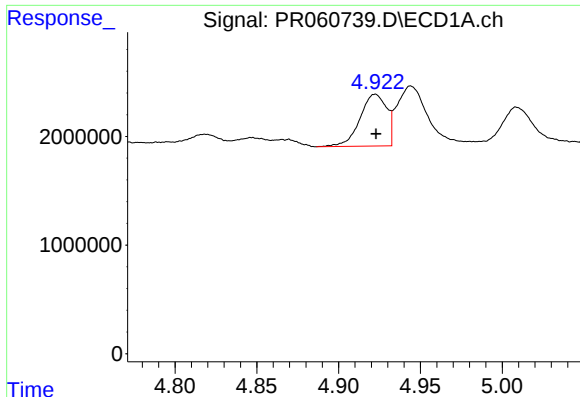
#20 AR-1242-5

R.T.: 5.908 min
Delta R.T.: 0.000 min
Response: 1092407
Conc: 15.78 ng/ml



#20 AR-1242-5

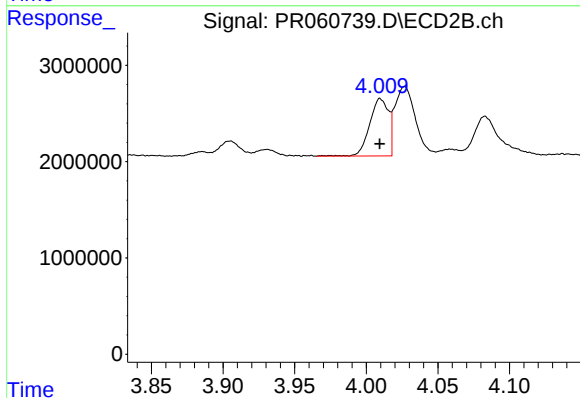
R.T.: 4.839 min
Delta R.T.: 0.000 min
Response: 4346702
Conc: 40.35 ng/ml



#21 AR-1248-1

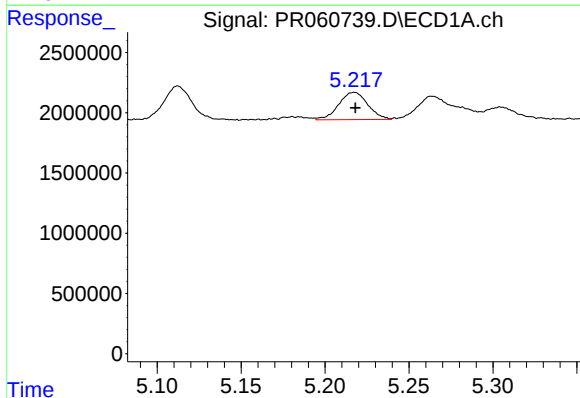
R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 5413139
Conc: 81.46 ng/ml

Instrument :
ECD_R
ClientSampleId :



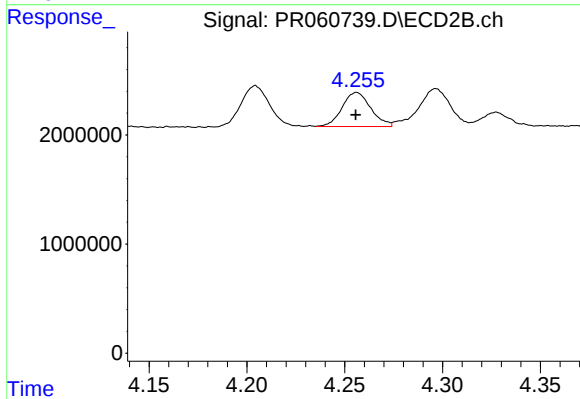
#21 AR-1248-1

R.T.: 4.010 min
Delta R.T.: 0.000 min
Response: 5486814
Conc: 63.81 ng/ml



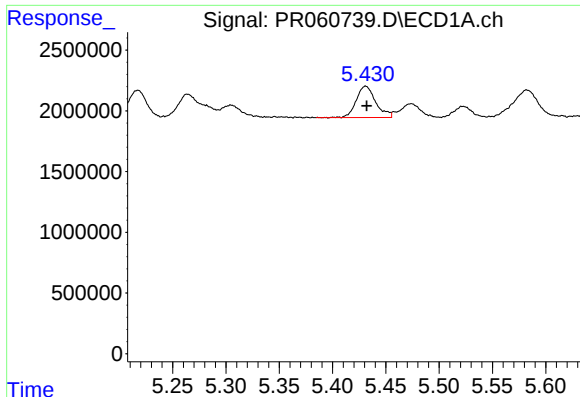
#22 AR-1248-2

R.T.: 5.217 min
Delta R.T.: 0.000 min
Response: 2723878
Conc: 30.68 ng/ml



#22 AR-1248-2

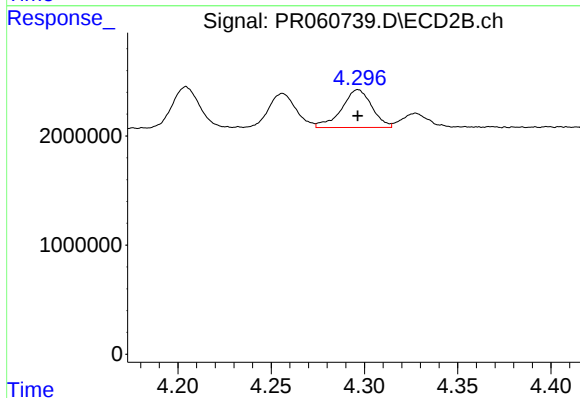
R.T.: 4.256 min
Delta R.T.: 0.000 min
Response: 3185534
Conc: 26.49 ng/ml



#23 AR-1248-3

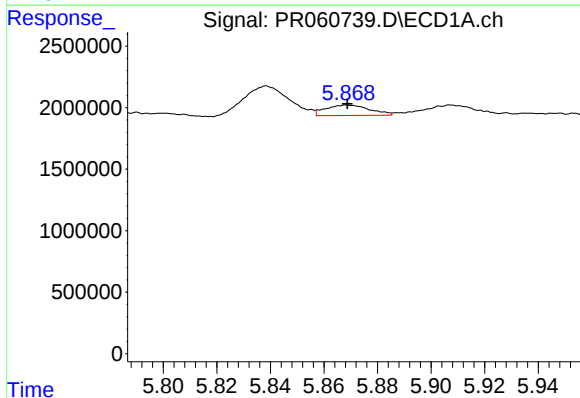
R.T.: 5.431 min
Delta R.T.: -0.001 min
Response: 3278413
Conc: 31.14 ng/ml

Instrument :
ECD_R
ClientSampleId :



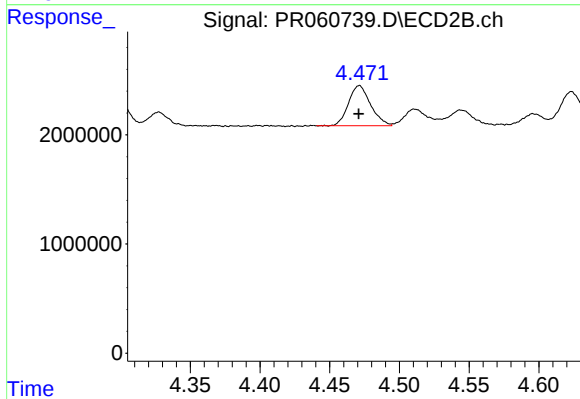
#23 AR-1248-3

R.T.: 4.297 min
Delta R.T.: 0.000 min
Response: 3909123
Conc: 32.07 ng/ml



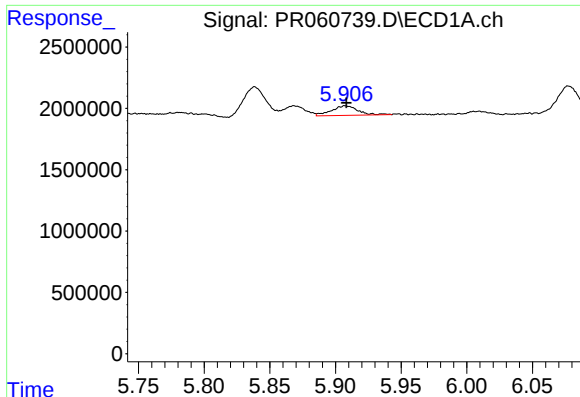
#24 AR-1248-4

R.T.: 5.869 min
Delta R.T.: 0.000 min
Response: 969400
Conc: 8.06 ng/ml



#24 AR-1248-4

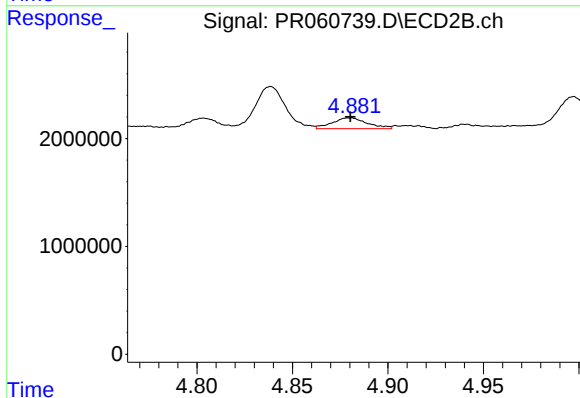
R.T.: 4.471 min
Delta R.T.: 0.000 min
Response: 4055520
Conc: 26.87 ng/ml



#25 AR-1248-5

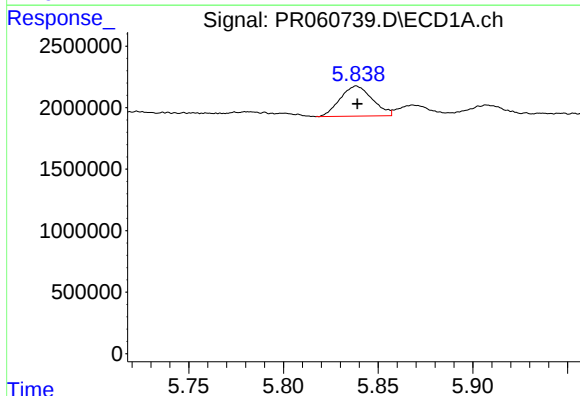
R.T.: 5.908 min
Delta R.T.: 0.000 min
Response: 1092407
Conc: 9.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



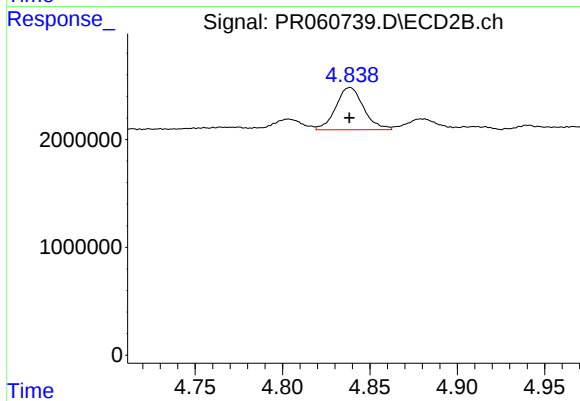
#25 AR-1248-5

R.T.: 4.880 min
Delta R.T.: 0.000 min
Response: 1300961
Conc: 8.46 ng/ml



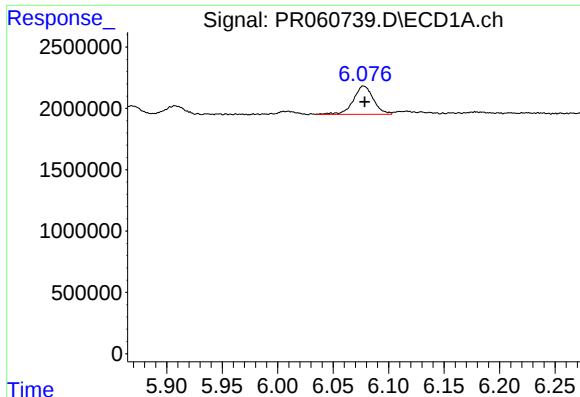
#26 AR-1254-1

R.T.: 5.839 min
Delta R.T.: 0.000 min
Response: 2898089
Conc: 24.06 ng/ml



#26 AR-1254-1

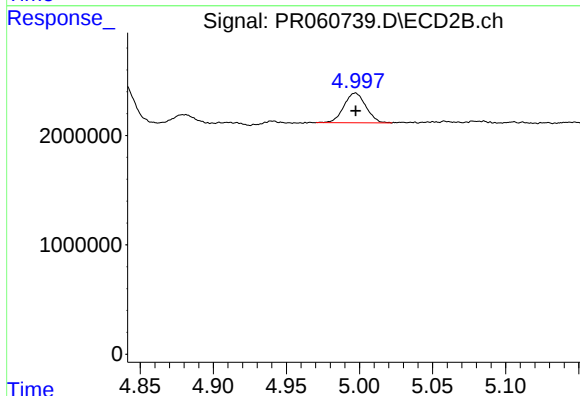
R.T.: 4.839 min
Delta R.T.: 0.000 min
Response: 4346702
Conc: 17.98 ng/ml



#27 AR-1254-2

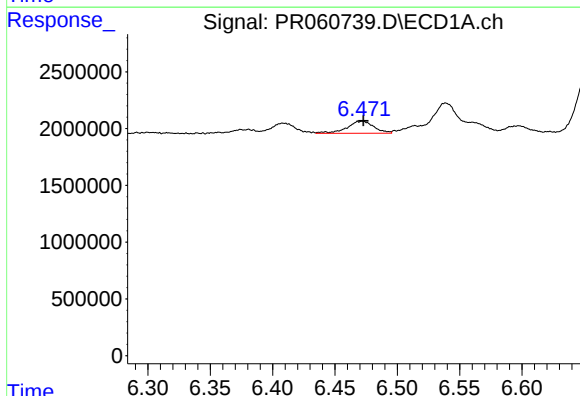
R.T.: 6.077 min
Delta R.T.: -0.001 min
Response: 2902590
Conc: 15.22 ng/ml

Instrument :
ECD_R
ClientSampleId :



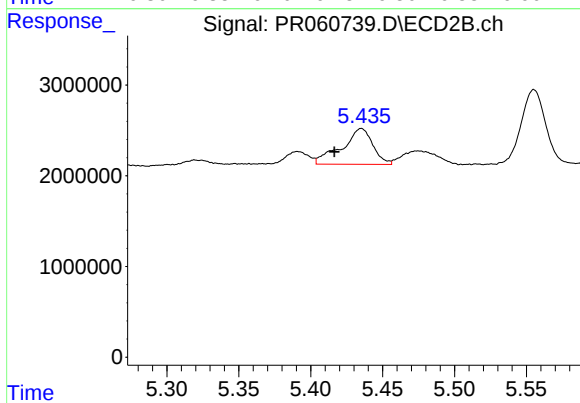
#27 AR-1254-2

R.T.: 4.997 min
Delta R.T.: 0.000 min
Response: 2857307
Conc: 13.68 ng/ml



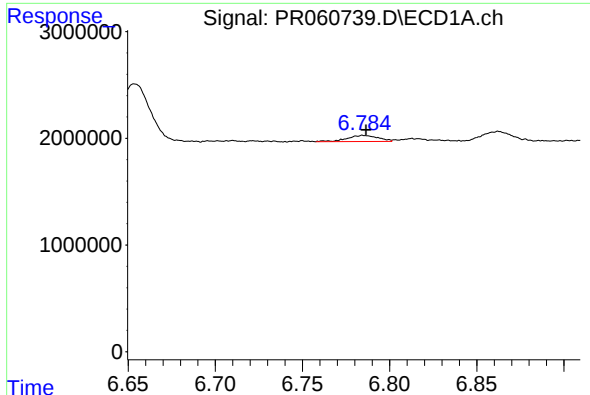
#28 AR-1254-3

R.T.: 6.472 min
Delta R.T.: 0.000 min
Response: 1603211
Conc: 7.81 ng/ml



#28 AR-1254-3

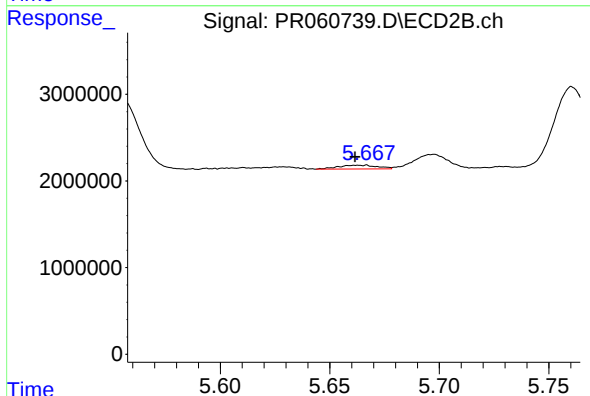
R.T.: 5.435 min
Delta R.T.: 0.019 min
Response: 5974832
Conc: 17.17 ng/ml



#29 AR-1254-4

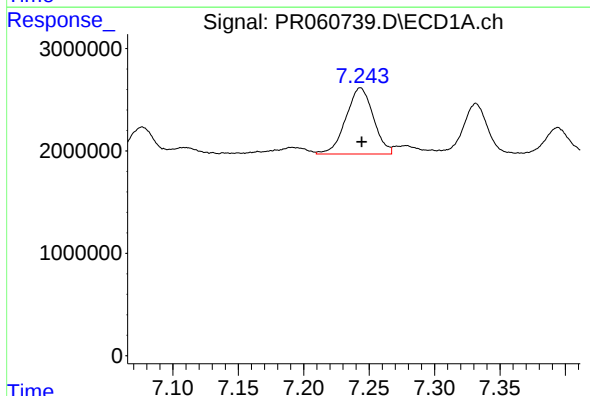
R.T.: 6.785 min
Delta R.T.: -0.001 min
Response: 696411
Conc: 4.47 ng/ml

Instrument :
ECD_R
ClientSampleId :



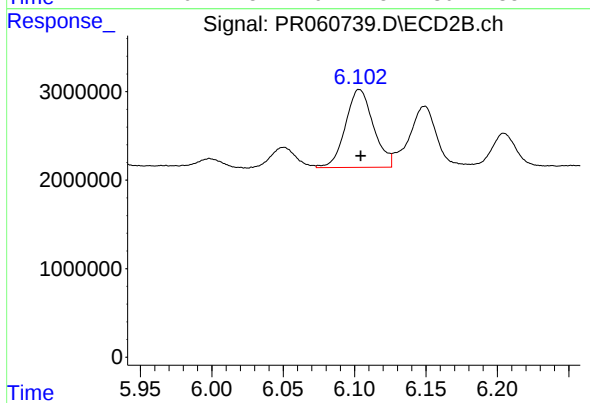
#29 AR-1254-4

R.T.: 5.662 min
Delta R.T.: 0.000 min
Response: 535309
Conc: 2.43 ng/ml



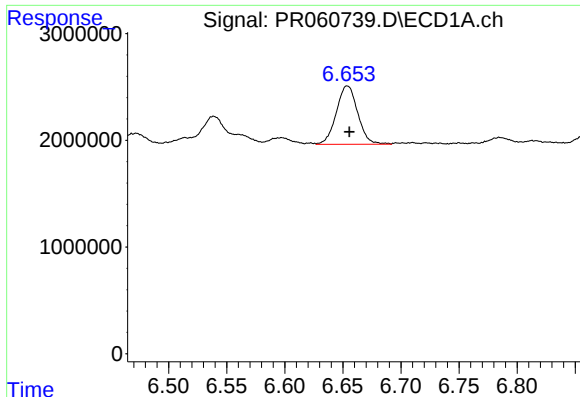
#30 AR-1254-5

R.T.: 7.243 min
Delta R.T.: -0.001 min
Response: 9430649
Conc: 56.05 ng/ml



#30 AR-1254-5

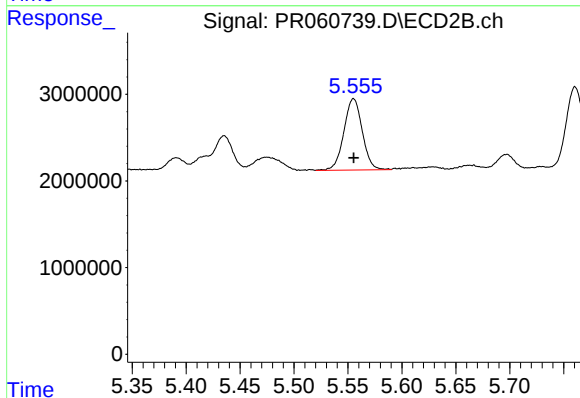
R.T.: 6.103 min
Delta R.T.: 0.000 min
Response: 11980584
Conc: 37.38 ng/ml



#31 AR-1260-1

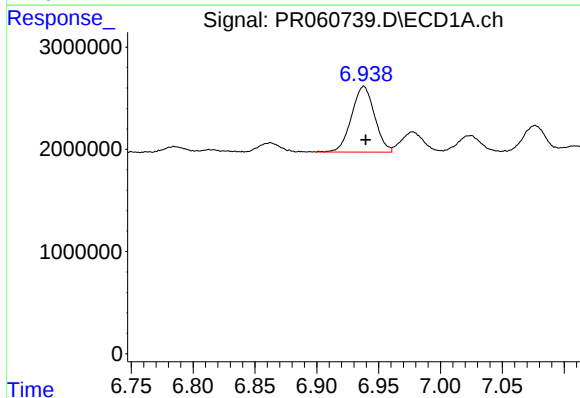
R.T.: 6.654 min
Delta R.T.: -0.002 min
Response: 6986139
Conc: 43.85 ng/ml

Instrument :
ECD_R
ClientSampleId :



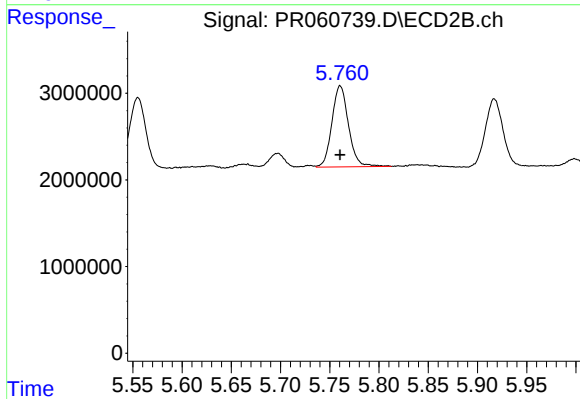
#31 AR-1260-1

R.T.: 5.555 min
Delta R.T.: 0.000 min
Response: 9772740
Conc: 39.87 ng/ml



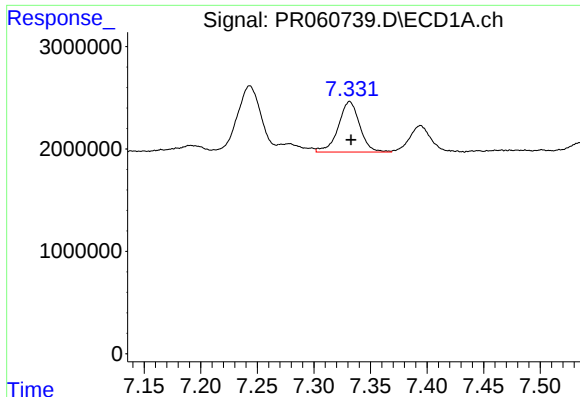
#32 AR-1260-2

R.T.: 6.938 min
Delta R.T.: -0.002 min
Response: 8325092
Conc: 43.14 ng/ml



#32 AR-1260-2

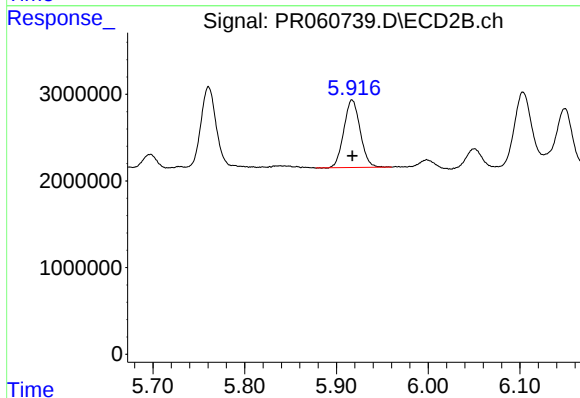
R.T.: 5.761 min
Delta R.T.: 0.000 min
Response: 10998497
Conc: 35.39 ng/ml



#33 AR-1260-3

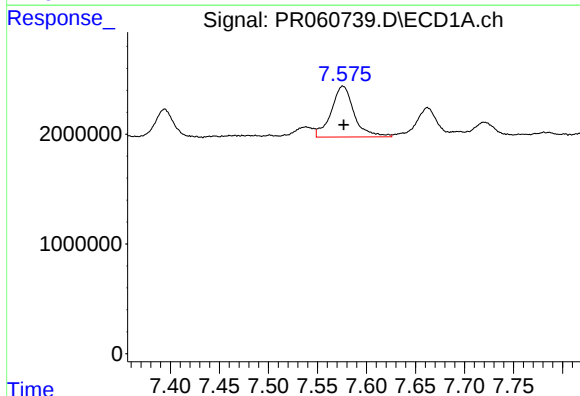
R.T.: 7.332 min
Delta R.T.: -0.001 min
Response: 6511367
Conc: 45.74 ng/ml

Instrument :
ECD_R
ClientSampleId :



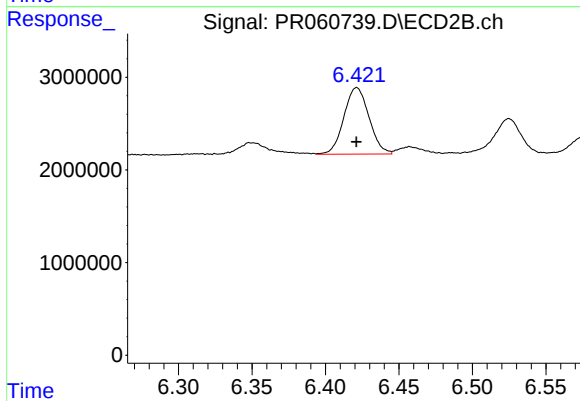
#33 AR-1260-3

R.T.: 5.917 min
Delta R.T.: 0.000 min
Response: 9651421
Conc: 34.38 ng/ml



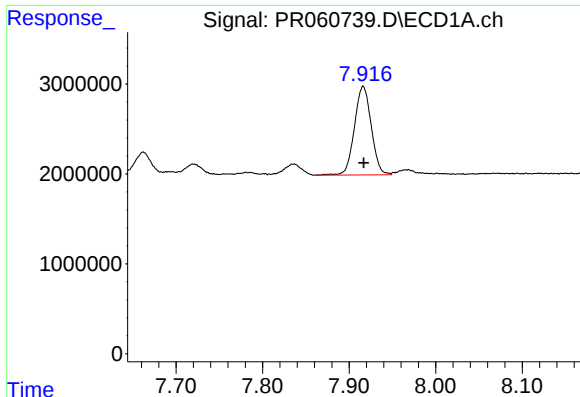
#34 AR-1260-4

R.T.: 7.576 min
Delta R.T.: 0.000 min
Response: 7571104
Conc: 46.31 ng/ml



#34 AR-1260-4

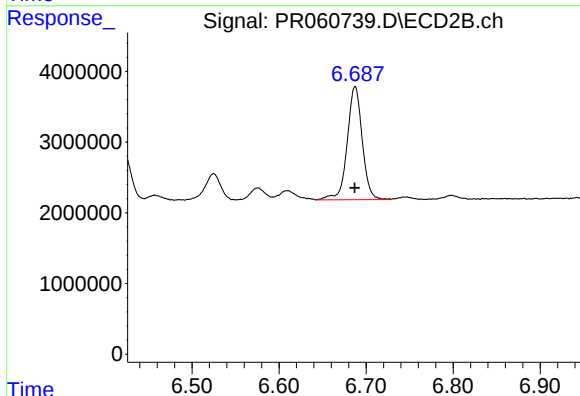
R.T.: 6.421 min
Delta R.T.: 0.000 min
Response: 8552922
Conc: 35.53 ng/ml



#35 AR-1260-5

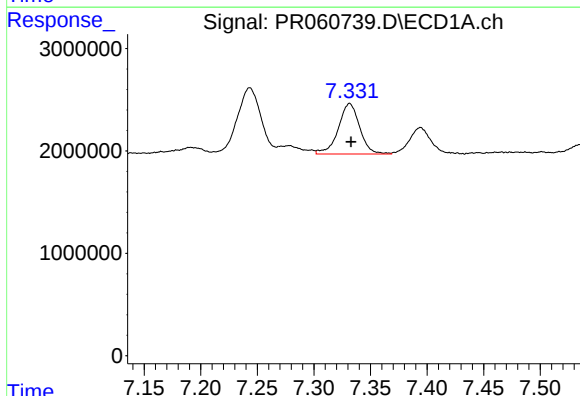
R.T.: 7.916 min
Delta R.T.: 0.000 min
Response: 13320860
Conc: 42.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



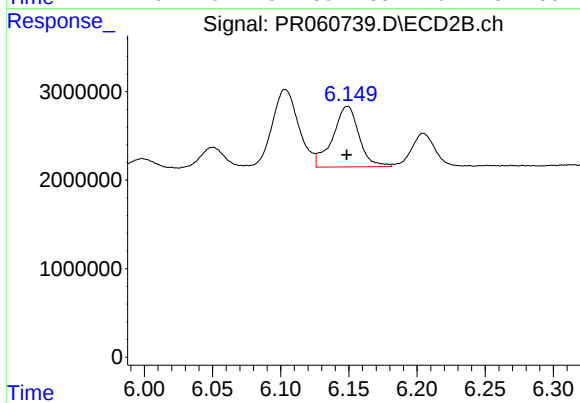
#35 AR-1260-5

R.T.: 6.687 min
Delta R.T.: 0.000 min
Response: 19246717
Conc: 33.06 ng/ml



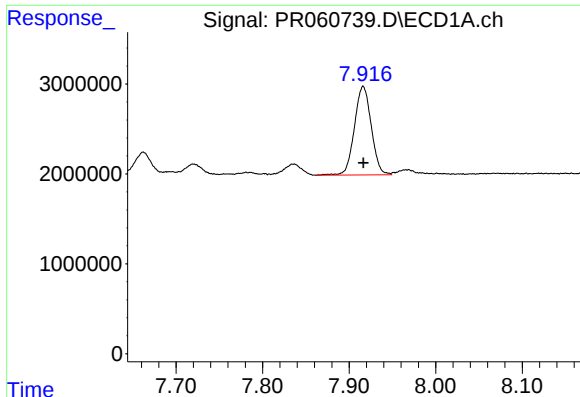
#36 AR-1262-1

R.T.: 7.332 min
Delta R.T.: -0.001 min
Response: 6511367
Conc: 34.45 ng/ml



#36 AR-1262-1

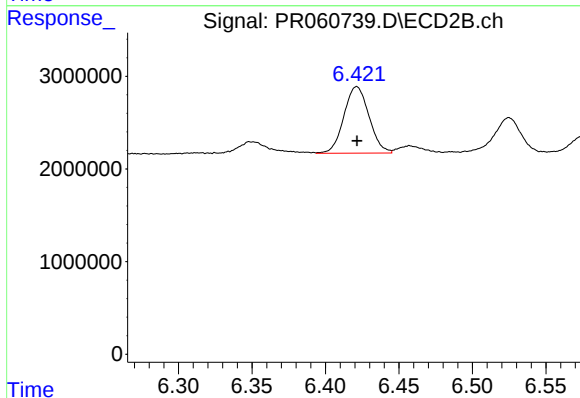
R.T.: 6.149 min
Delta R.T.: 0.000 min
Response: 9191419
Conc: 29.14 ng/ml



#37 AR-1262-2

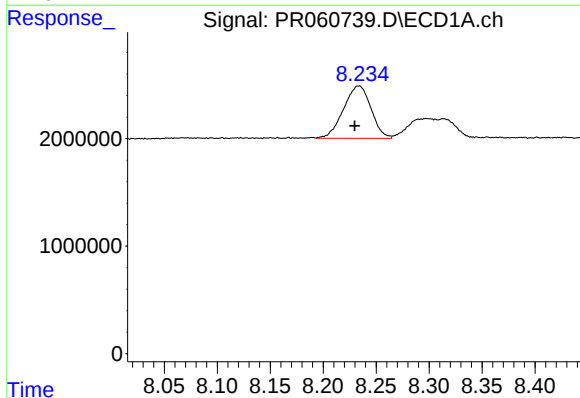
R.T.: 7.916 min
Delta R.T.: 0.000 min
Response: 13320860
Conc: 39.54 ng/ml

Instrument :
ECD_R
ClientSampleId :



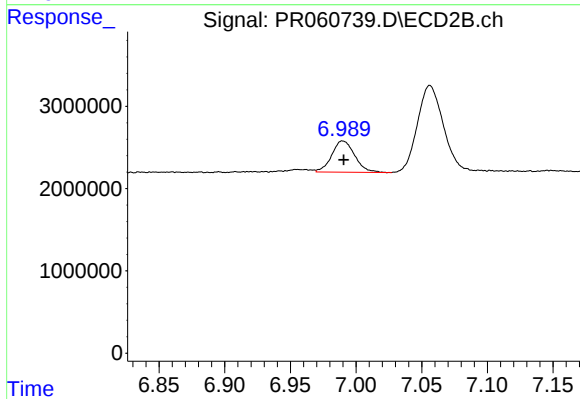
#37 AR-1262-2

R.T.: 6.421 min
Delta R.T.: 0.000 min
Response: 8552922
Conc: 29.68 ng/ml



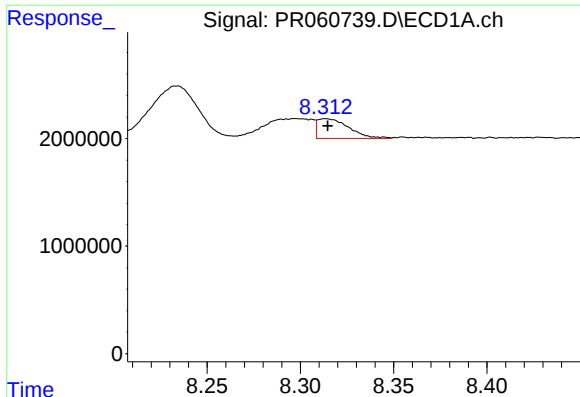
#38 AR-1262-3

R.T.: 8.234 min
Delta R.T.: 0.004 min
Response: 8813312
Conc: 38.27 ng/ml



#38 AR-1262-3

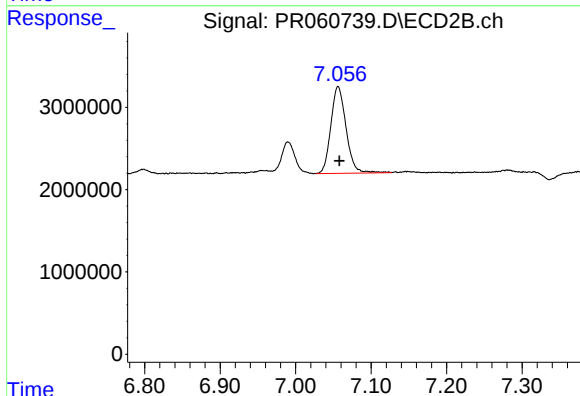
R.T.: 6.990 min
Delta R.T.: 0.000 min
Response: 4603014
Conc: 20.32 ng/ml



#39 AR-1262-4

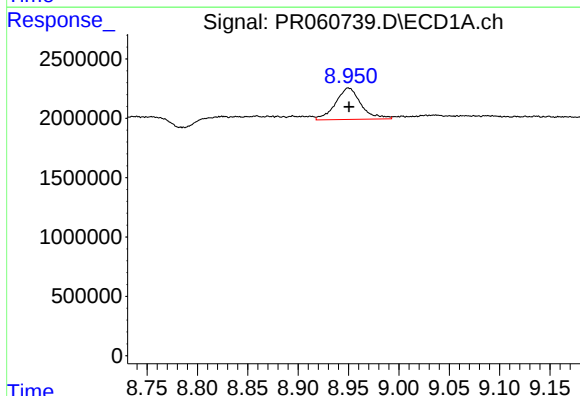
R.T.: 8.314 min
Delta R.T.: -0.001 min
Response: 2153875
Conc: 12.24 ng/ml

Instrument :
ECD_R
ClientSampleId :



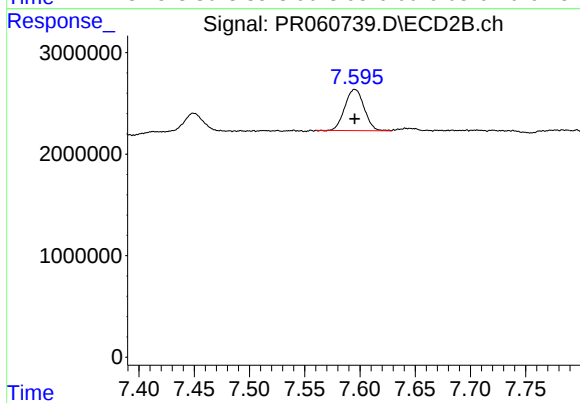
#39 AR-1262-4

R.T.: 7.056 min
Delta R.T.: -0.002 min
Response: 14761122
Conc: 34.33 ng/ml



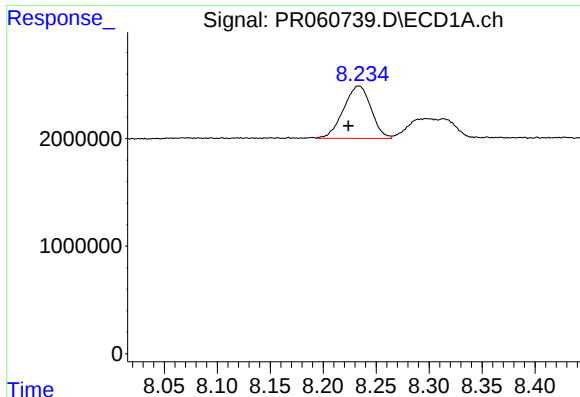
#40 AR-1262-5

R.T.: 8.950 min
Delta R.T.: 0.000 min
Response: 4683992
Conc: 37.39 ng/ml



#40 AR-1262-5

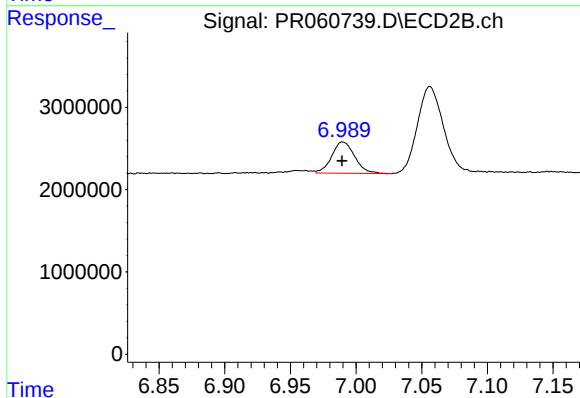
R.T.: 7.595 min
Delta R.T.: 0.000 min
Response: 4915922
Conc: 24.55 ng/ml



#41 AR-1268-1

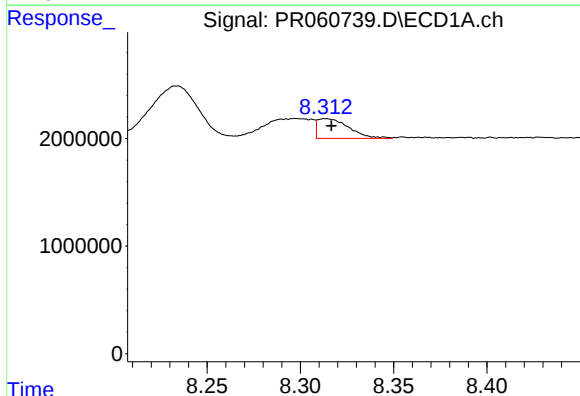
R.T.: 8.234 min
Delta R.T.: 0.010 min
Response: 8813312
Conc: 21.32 ng/ml

Instrument :
ECD_R
ClientSampleId :



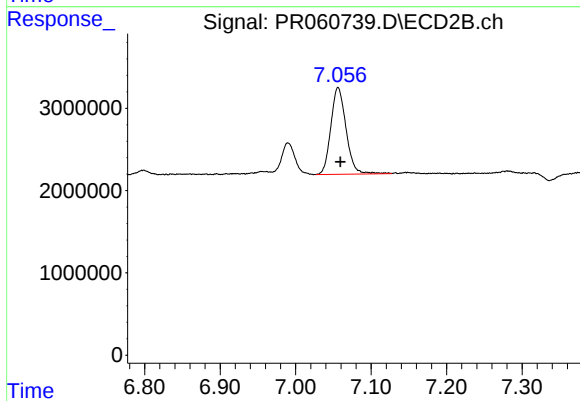
#41 AR-1268-1

R.T.: 6.990 min
Delta R.T.: 0.000 min
Response: 4603014
Conc: 6.25 ng/ml



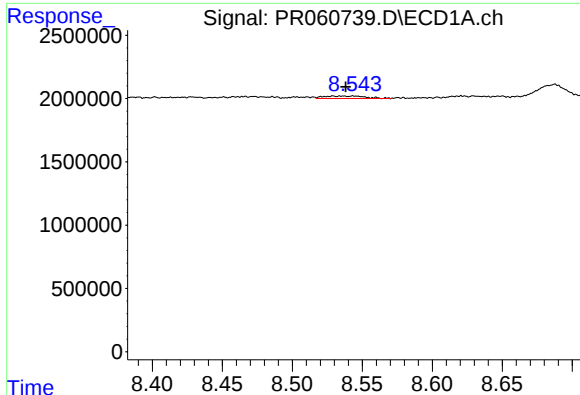
#42 AR-1268-2

R.T.: 8.314 min
Delta R.T.: -0.003 min
Response: 2153875
Conc: 5.73 ng/ml



#42 AR-1268-2

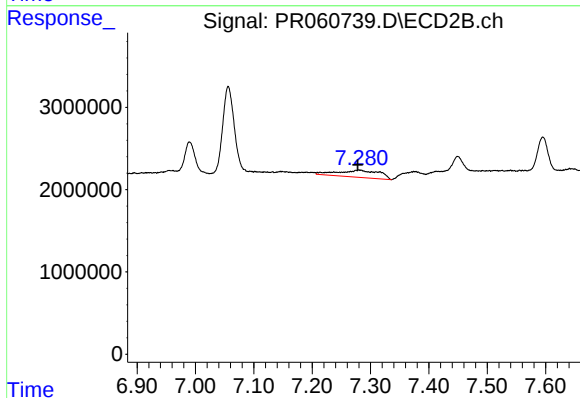
R.T.: 7.056 min
Delta R.T.: -0.003 min
Response: 14761122
Conc: 22.08 ng/ml



#43 AR-1268-3

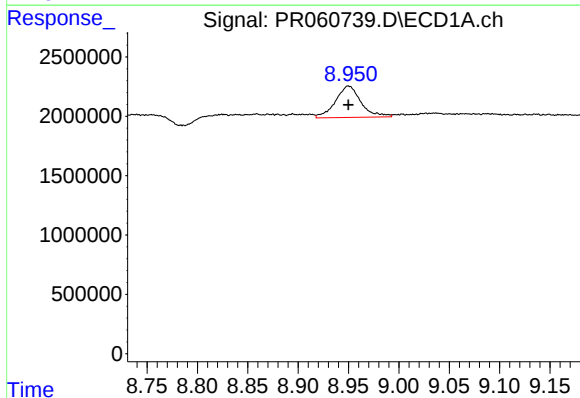
R.T.: 8.529 min
Delta R.T.: -0.009 min
Response: 398763
Conc: 1.24 ng/ml

Instrument :
ECD_R
ClientSampleId :



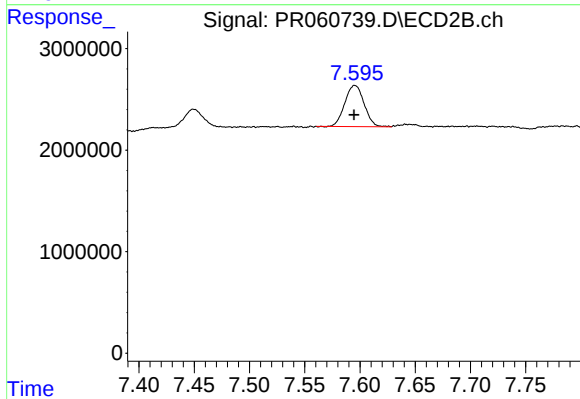
#43 AR-1268-3

R.T.: 7.281 min
Delta R.T.: 0.002 min
Response: 4314402
Conc: 7.59 ng/ml



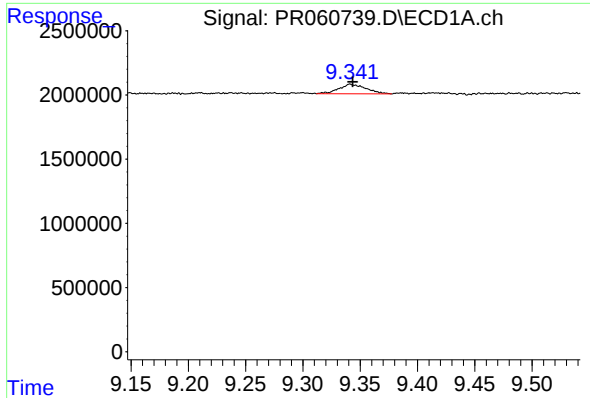
#44 AR-1268-4

R.T.: 8.950 min
Delta R.T.: 0.000 min
Response: 4683992
Conc: 32.60 ng/ml



#44 AR-1268-4

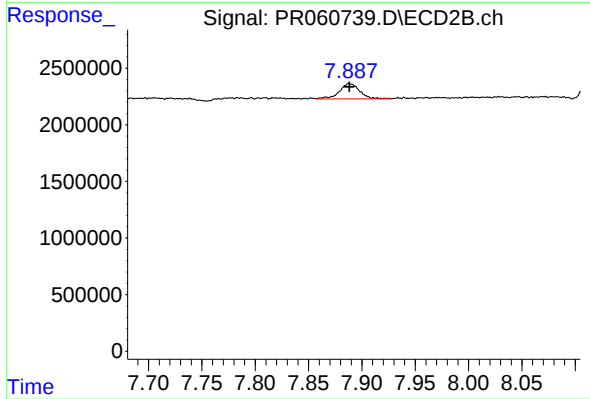
R.T.: 7.595 min
Delta R.T.: 0.000 min
Response: 4915922
Conc: 21.08 ng/ml



#45 AR-1268-5

R.T.: 9.341 min
Delta R.T.: -0.002 min
Response: 1235189
Conc: 1.17 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.888 min
Delta R.T.: 0.000 min
Response: 1767033
Conc: 0.94 ng/ml