

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0012825\
 Data File : P0109187.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jan 2025 00:35
 Operator : YP/AJ
 Sample : Q1168-01
 Misc : AR1254 LOD 40 PPB
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 29 03:07:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0012125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jan 22 03:46:11 2025
 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...	3.700	3.696	150.7E6	105.0E6	19.949	19.590
2)	SA Decachlor...	8.764	8.714	147.1E6	70256298	21.228	20.431
Target Compounds							
3)	L1 AR-1016-1	4.805	4.788	985364	719941	3.906	4.446
4)	L1 AR-1016-2	4.805	4.834	985364	421413	2.857	1.769 #
5)	L1 AR-1016-3	4.869	4.982	80605	341673	0.330	2.621 #
6)	L1 AR-1016-4	4.993	5.059	340115	2255773	1.782	20.411 #
7)	L1 AR-1016-5	5.249	5.273	7045716	1573474	33.750	10.962 #
8)	L2 AR-1221-1	3.910	3.909	383587	66461	3.832	1.015 #
9)	L2 AR-1221-2	4.003	3.996	3969901	2107689	53.354	42.676
10)	L2 AR-1221-3	4.080	4.067	403042	193887	1.938	1.336 #
11)	L3 AR-1232-1	4.080	4.067	403042	193887	2.441	1.679 #
12)	L3 AR-1232-2	4.574	4.788	270897	719941	2.977	6.610 #
13)	L3 AR-1232-3	4.805	4.982	985364	341673	6.153	5.698
14)	L3 AR-1232-4	4.993	5.059	340115	2255773	3.865	39.394 #
15)	L3 AR-1232-5	5.033	5.232	7511037	4466159	115.878	73.612 #
16)	L4 AR-1242-1	4.805	4.788	985364	719941	4.638	5.038
17)	L4 AR-1242-2	4.805	4.788	985364	719941	3.437	3.650
18)	L4 AR-1242-3	4.869	4.982	80605	341673	0.394	3.133 #
19)	L4 AR-1242-4	4.993	5.059	340115	2255773	2.141	19.849 #
20)	L4 AR-1242-5	5.646	5.584	3363779	13958038	20.139	102.042 #
21)	L5 AR-1248-1	4.805	4.788	985364	719941	6.175	6.708
22)	L5 AR-1248-2	5.033	5.017	7511037	5547768	33.608	36.030
23)	L5 AR-1248-3	5.249	5.059	7045716	2255773	25.727	13.640 #
24)	L5 AR-1248-4	5.605	5.232	19925897	4466159	51.817	23.321 #
25)	L5 AR-1248-5	5.646	5.624	3363779	2786871	12.662	15.211
26)	L6 AR-1254-1	5.605	5.584	19925897	13958038	48.185	49.658
27)	L6 AR-1254-2	5.754	5.731	17194107	12693154	47.520	50.719
28)	L6 AR-1254-3	6.161	6.135	23397318	17513583	41.476	44.584
29)	L6 AR-1254-4	6.390	6.362	14287112	9241328	41.458	41.939
30)	L6 AR-1254-5	6.811	6.781	22363656	13910192	43.586	42.576
31)	L7 AR-1260-1	6.293	6.266	12851149	9507081	33.716	37.719
32)	L7 AR-1260-2	6.481	6.453	11760821	7549505	25.045	25.098
33)	L7 AR-1260-3	6.881	6.606	1971505	7298135	5.035	26.216 #
34)	L7 AR-1260-4	7.111	7.115	1894374	3840063	5.292	17.018 #
35)	L7 AR-1260-5	7.352	7.348	3142702	665854	3.766	1.330 #
36)	L8 AR-1262-1	6.881	6.851	1971505	1963613	3.692	5.769 #
37)	L8 AR-1262-2	7.352	7.319	3142702	1755593	3.418	3.165
38)	L8 AR-1262-3	7.622	7.618	251329	916524	0.689	4.274 #
39)	L8 AR-1262-4	7.698	7.664	3107503	1720459	4.519	4.390
40)	L8 AR-1262-5	8.202	8.152	154708	26684	0.512	0.167 #
41)	L9 AR-1268-1	7.622	7.618	251329	916524	0.236	1.456 #

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 Operator : YP/AJ
 Sample : Q1168-01
 Misc : AR1254 LOD 40 PPB
 ALS Vial : 46 Sample Multiplier: 1

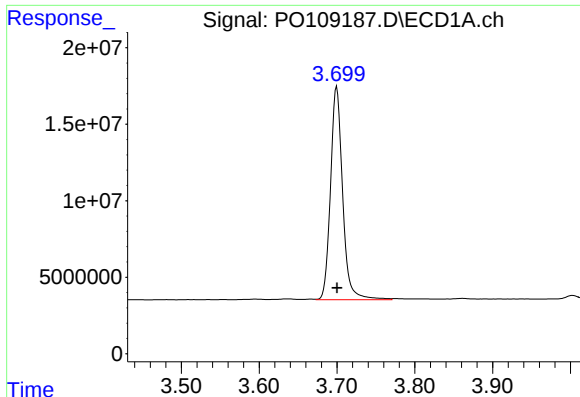
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 29 03:07:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0012125.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jan 22 03:46:11 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	7.698	7.664	3107503	1720459	3.207	3.012
43) L9	AR-1268-3	7.901	7.851	2552821	2014162	3.169	4.373 #
44) L9	AR-1268-4	8.190	8.152	160264	26684	0.468	0.148 #
45) L9	AR-1268-5	8.499	8.456	1044529	639533	0.437	0.534

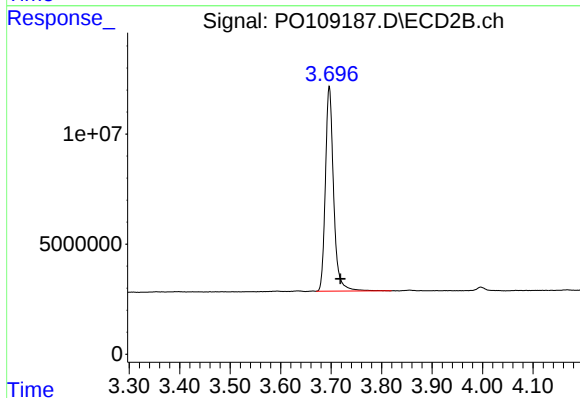
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

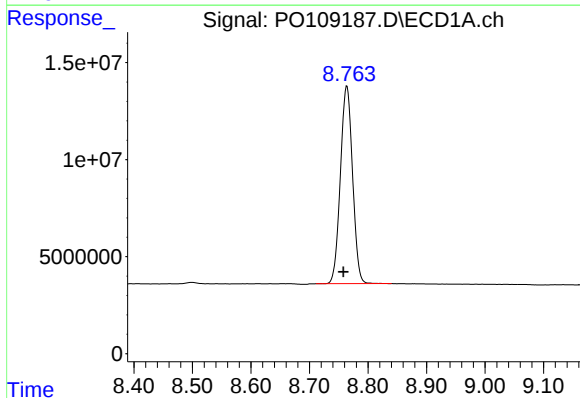
R.T.: 3.700 min
Delta R.T.: 0.000 min
Response: 150746742
Conc: 19.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



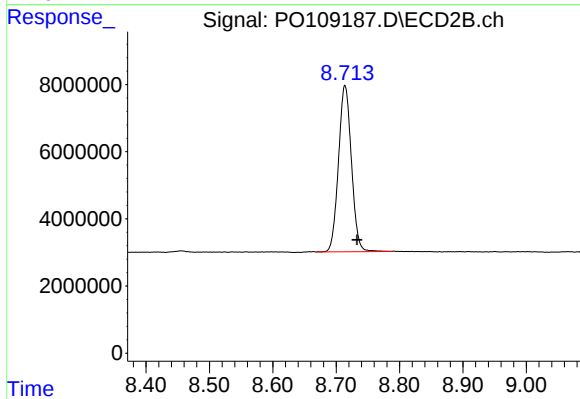
#1 Tetrachloro-m-xylene

R.T.: 3.696 min
Delta R.T.: -0.022 min
Response: 105010473
Conc: 19.59 ng/ml



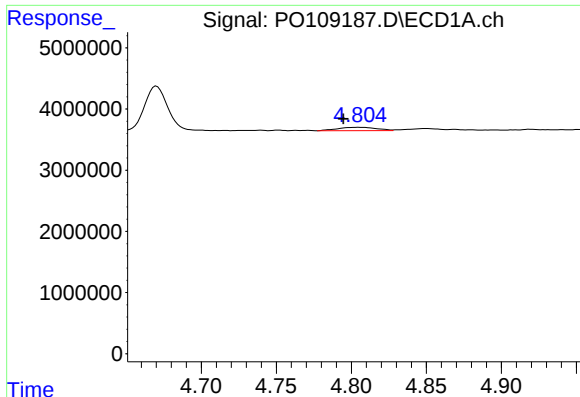
#2 Decachlorobiphenyl

R.T.: 8.764 min
Delta R.T.: 0.006 min
Response: 147064617
Conc: 21.23 ng/ml



#2 Decachlorobiphenyl

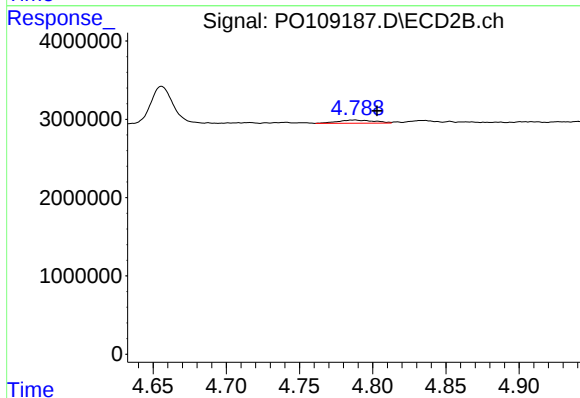
R.T.: 8.714 min
Delta R.T.: -0.019 min
Response: 70256298
Conc: 20.43 ng/ml



#3 AR-1016-1

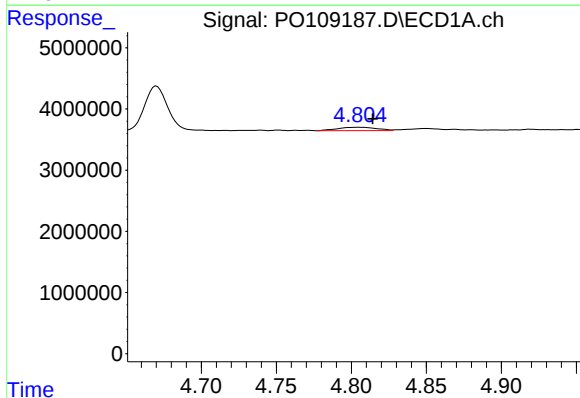
R.T.: 4.805 min
Delta R.T.: 0.010 min
Response: 985364
Conc: 3.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



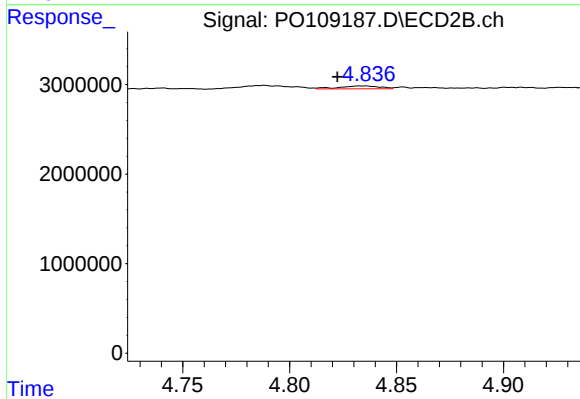
#3 AR-1016-1

R.T.: 4.788 min
Delta R.T.: -0.015 min
Response: 719941
Conc: 4.45 ng/ml



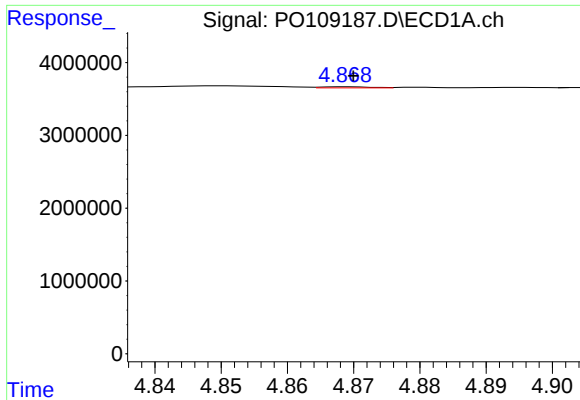
#4 AR-1016-2

R.T.: 4.805 min
Delta R.T.: -0.009 min
Response: 985364
Conc: 2.86 ng/ml



#4 AR-1016-2

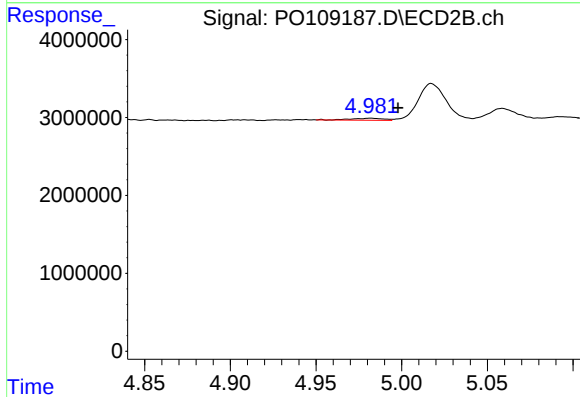
R.T.: 4.834 min
Delta R.T.: 0.012 min
Response: 421413
Conc: 1.77 ng/ml



#5 AR-1016-3

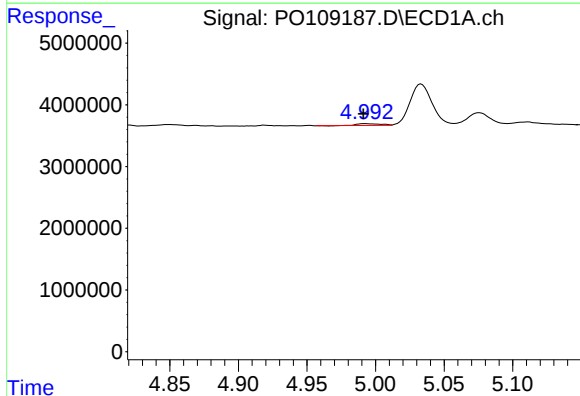
R.T.: 4.869 min
Delta R.T.: 0.000 min
Response: 80605
Conc: 0.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



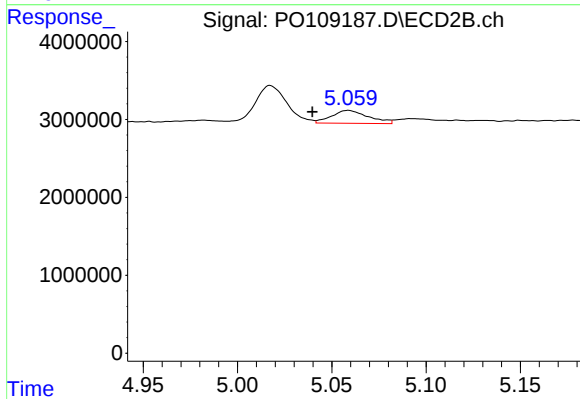
#5 AR-1016-3

R.T.: 4.982 min
Delta R.T.: -0.016 min
Response: 341673
Conc: 2.62 ng/ml



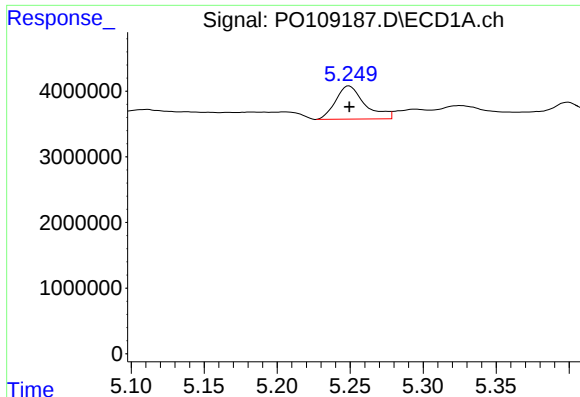
#6 AR-1016-4

R.T.: 4.993 min
Delta R.T.: 0.002 min
Response: 340115
Conc: 1.78 ng/ml



#6 AR-1016-4

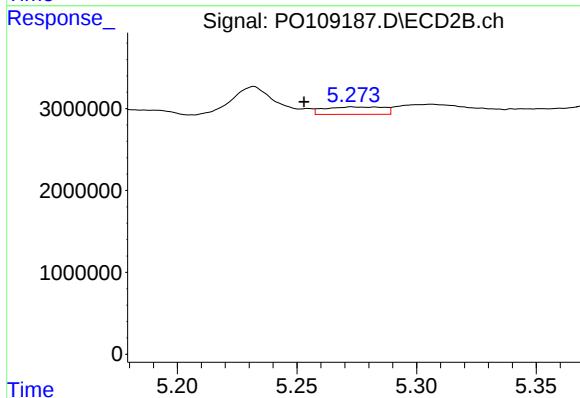
R.T.: 5.059 min
Delta R.T.: 0.019 min
Response: 2255773
Conc: 20.41 ng/ml



#7 AR-1016-5

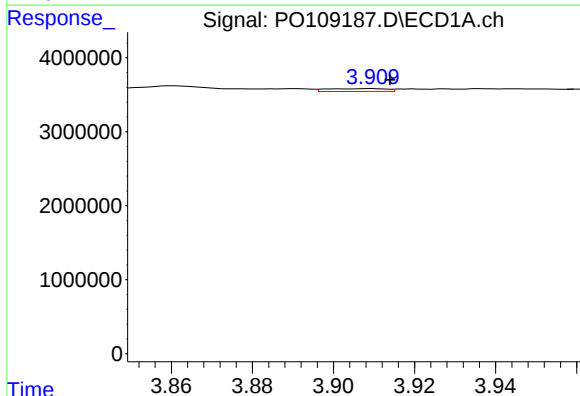
R.T.: 5.249 min
Delta R.T.: 0.000 min
Response: 7045716
Conc: 33.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



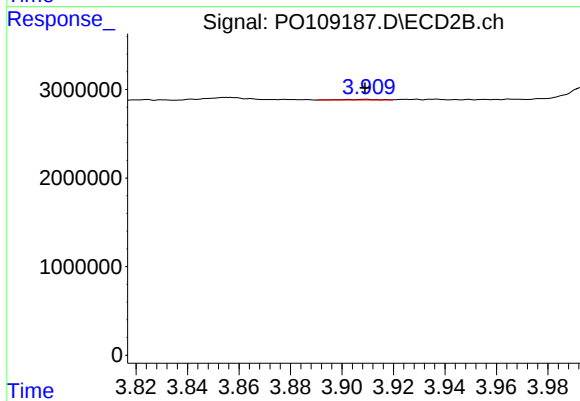
#7 AR-1016-5

R.T.: 5.273 min
Delta R.T.: 0.020 min
Response: 1573474
Conc: 10.96 ng/ml



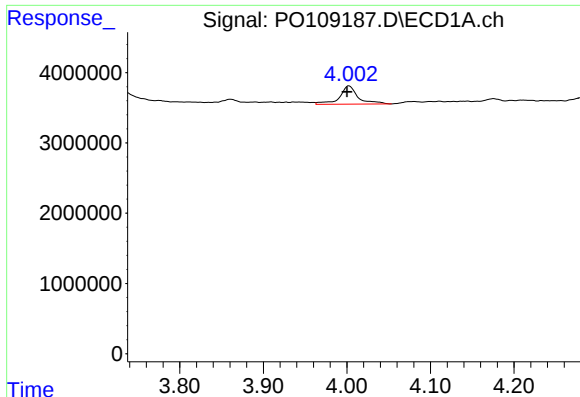
#8 AR-1221-1

R.T.: 3.910 min
Delta R.T.: -0.004 min
Response: 383587
Conc: 3.83 ng/ml



#8 AR-1221-1

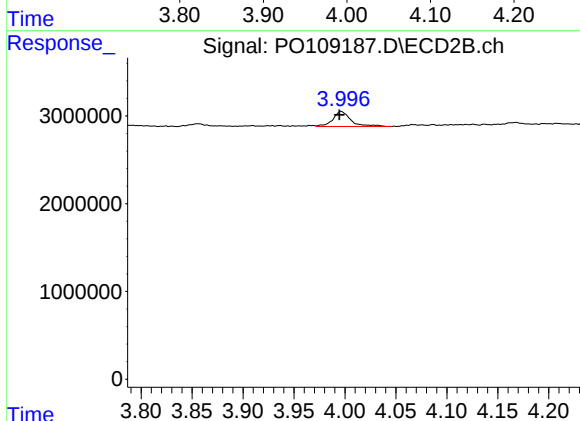
R.T.: 3.909 min
Delta R.T.: 0.000 min
Response: 66461
Conc: 1.01 ng/ml



#9 AR-1221-2

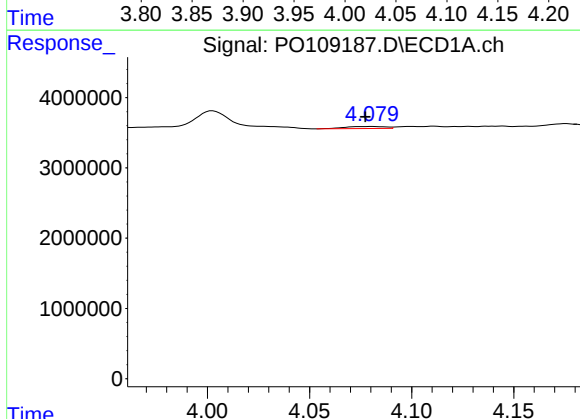
R.T.: 4.003 min
Delta R.T.: 0.002 min
Response: 3969901
Conc: 53.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



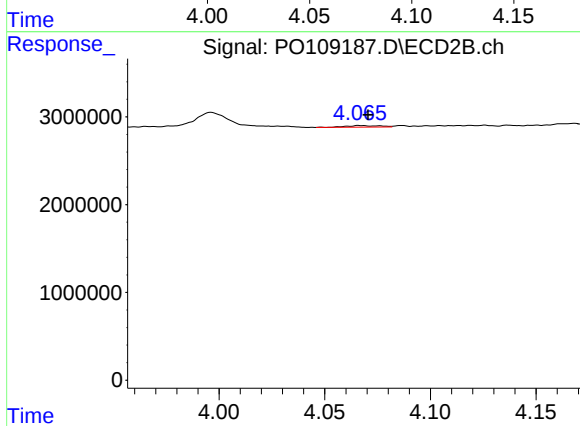
#9 AR-1221-2

R.T.: 3.996 min
Delta R.T.: 0.002 min
Response: 2107689
Conc: 42.68 ng/ml



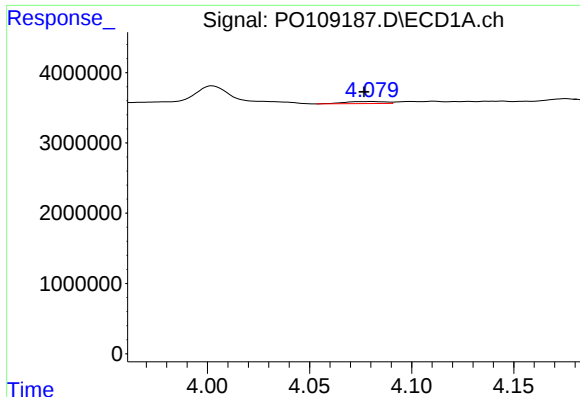
#10 AR-1221-3

R.T.: 4.080 min
Delta R.T.: 0.003 min
Response: 403042
Conc: 1.94 ng/ml



#10 AR-1221-3

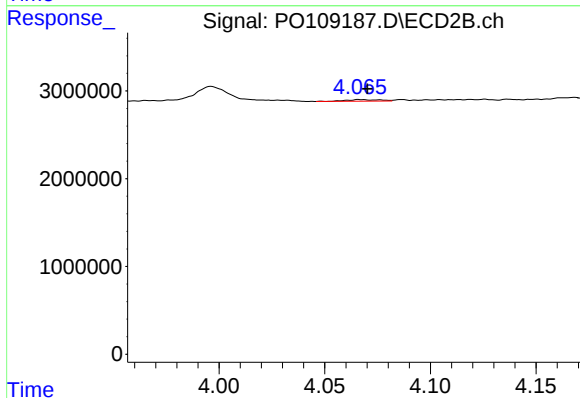
R.T.: 4.067 min
Delta R.T.: -0.004 min
Response: 193887
Conc: 1.34 ng/ml



#11 AR-1232-1

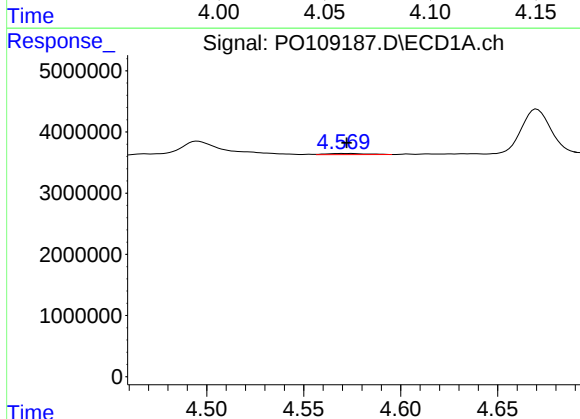
R.T.: 4.080 min
Delta R.T.: 0.004 min
Response: 403042
Conc: 2.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



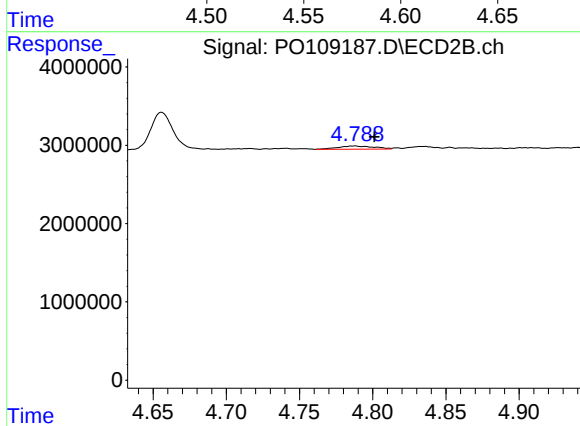
#11 AR-1232-1

R.T.: 4.067 min
Delta R.T.: -0.003 min
Response: 193887
Conc: 1.68 ng/ml



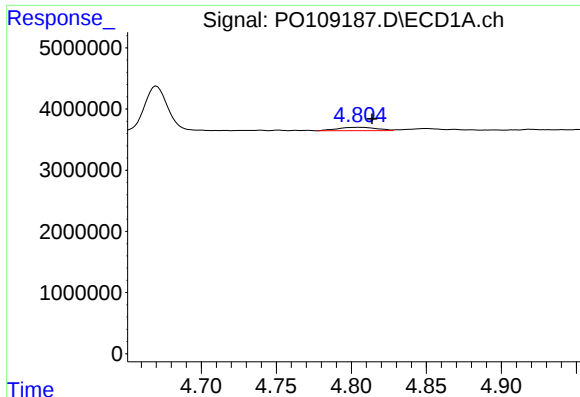
#12 AR-1232-2

R.T.: 4.574 min
Delta R.T.: 0.002 min
Response: 270897
Conc: 2.98 ng/ml



#12 AR-1232-2

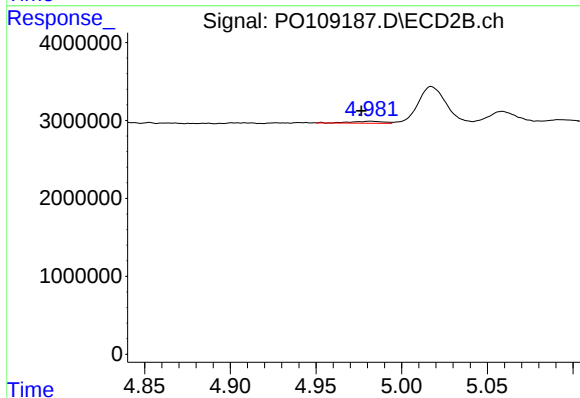
R.T.: 4.788 min
Delta R.T.: -0.013 min
Response: 719941
Conc: 6.61 ng/ml



#13 AR-1232-3

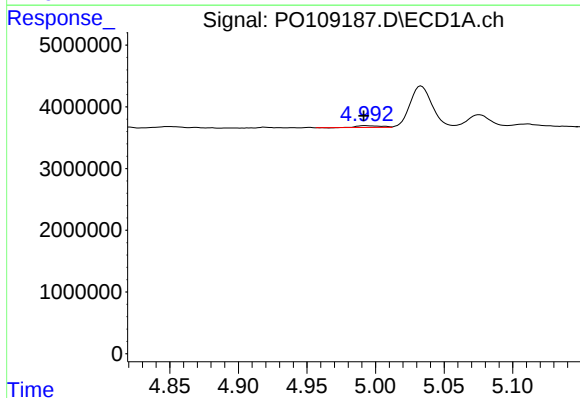
R.T.: 4.805 min
Delta R.T.: -0.009 min
Response: 985364
Conc: 6.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



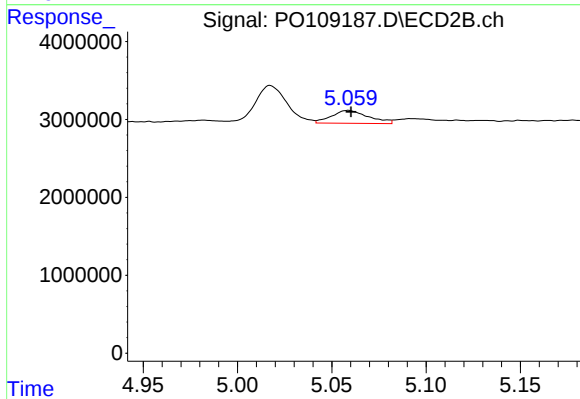
#13 AR-1232-3

R.T.: 4.982 min
Delta R.T.: 0.005 min
Response: 341673
Conc: 5.70 ng/ml



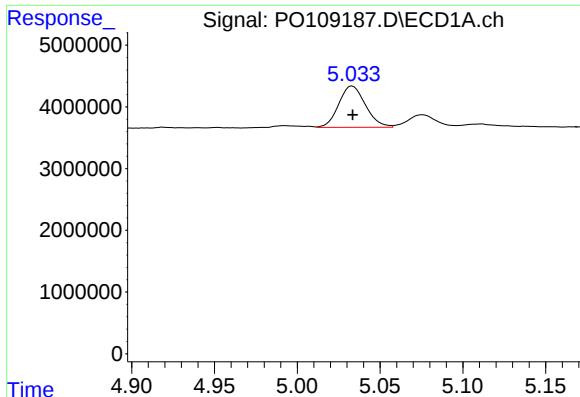
#14 AR-1232-4

R.T.: 4.993 min
Delta R.T.: 0.002 min
Response: 340115
Conc: 3.86 ng/ml



#14 AR-1232-4

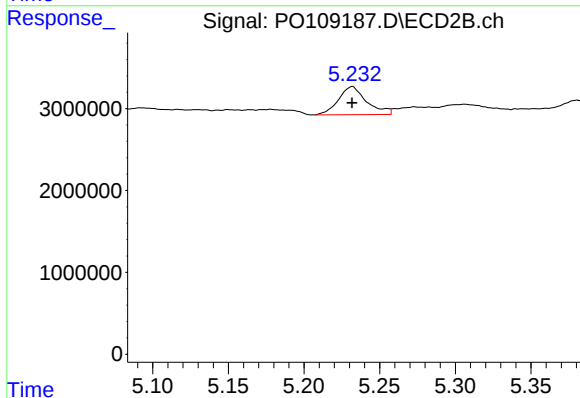
R.T.: 5.059 min
Delta R.T.: -0.002 min
Response: 2255773
Conc: 39.39 ng/ml



#15 AR-1232-5

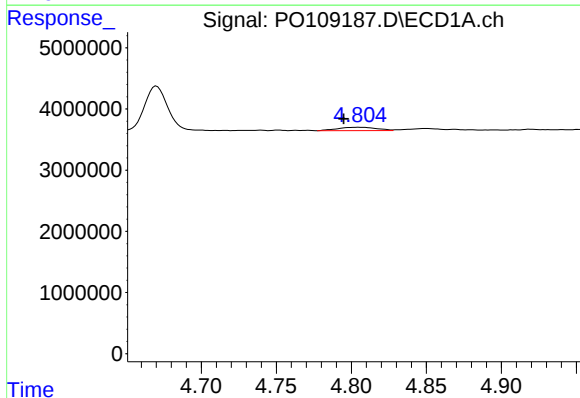
R.T.: 5.033 min
Delta R.T.: 0.000 min
Response: 7511037
Conc: 115.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



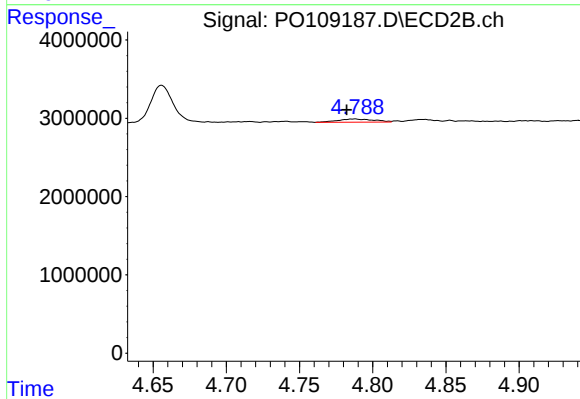
#15 AR-1232-5

R.T.: 5.232 min
Delta R.T.: 0.000 min
Response: 4466159
Conc: 73.61 ng/ml



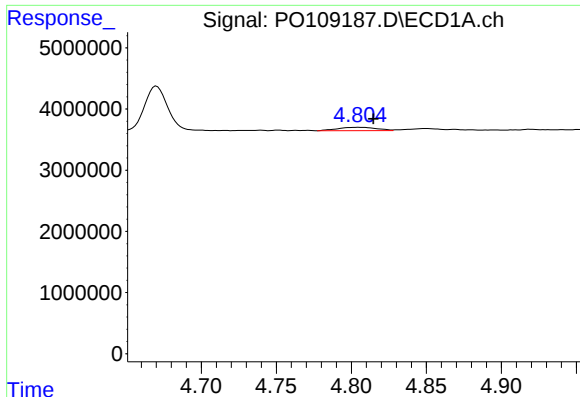
#16 AR-1242-1

R.T.: 4.805 min
Delta R.T.: 0.010 min
Response: 985364
Conc: 4.64 ng/ml



#16 AR-1242-1

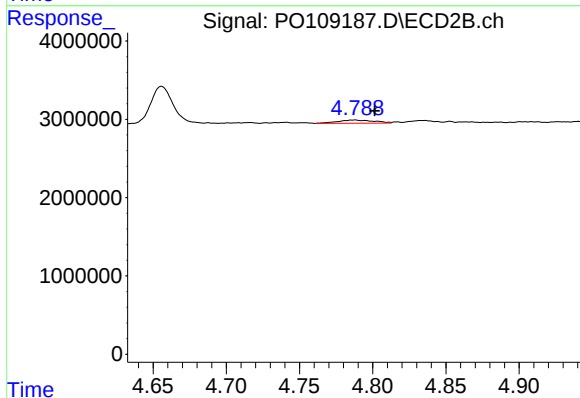
R.T.: 4.788 min
Delta R.T.: 0.005 min
Response: 719941
Conc: 5.04 ng/ml



#17 AR-1242-2

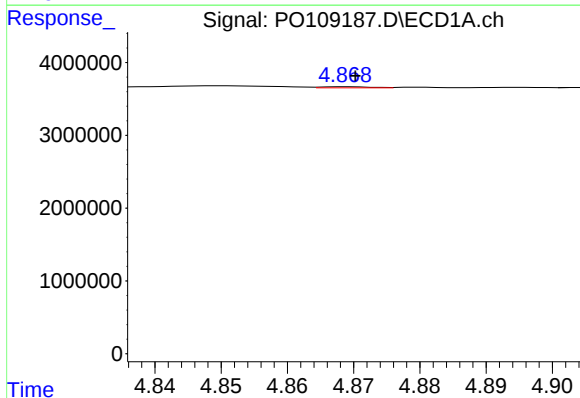
R.T.: 4.805 min
Delta R.T.: -0.010 min
Response: 985364
Conc: 3.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



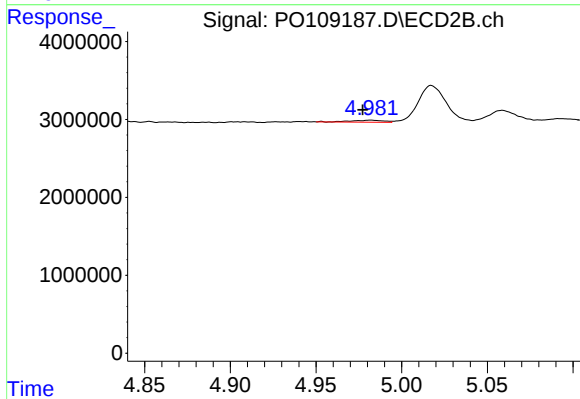
#17 AR-1242-2

R.T.: 4.788 min
Delta R.T.: -0.014 min
Response: 719941
Conc: 3.65 ng/ml



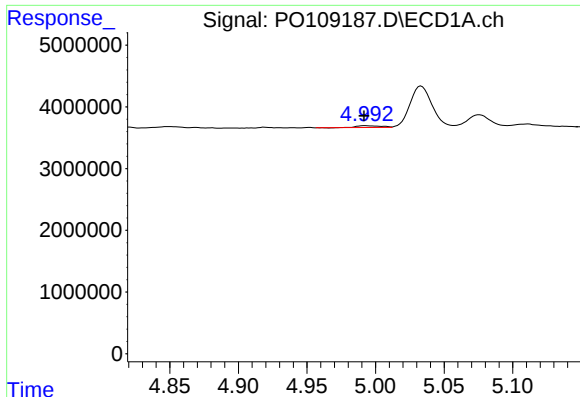
#18 AR-1242-3

R.T.: 4.869 min
Delta R.T.: -0.001 min
Response: 80605
Conc: 0.39 ng/ml



#18 AR-1242-3

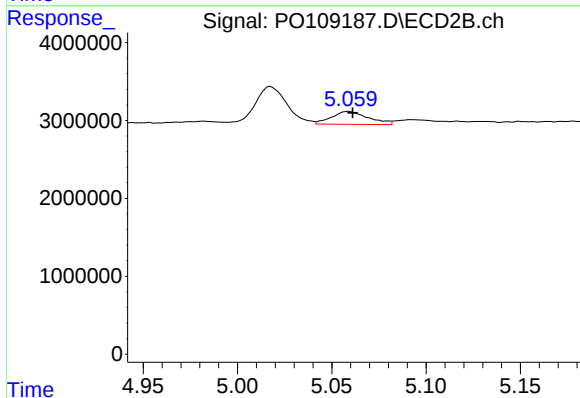
R.T.: 4.982 min
Delta R.T.: 0.004 min
Response: 341673
Conc: 3.13 ng/ml



#19 AR-1242-4

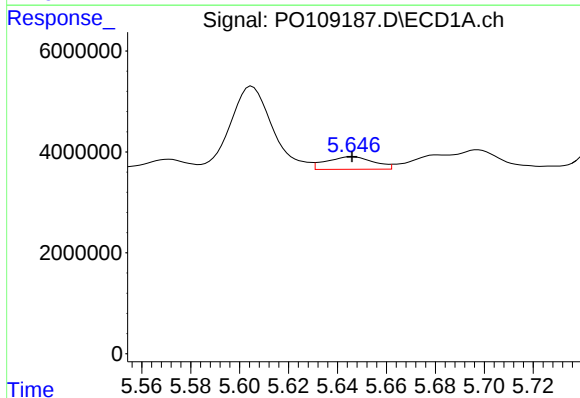
R.T.: 4.993 min
Delta R.T.: 0.001 min
Response: 340115
Conc: 2.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



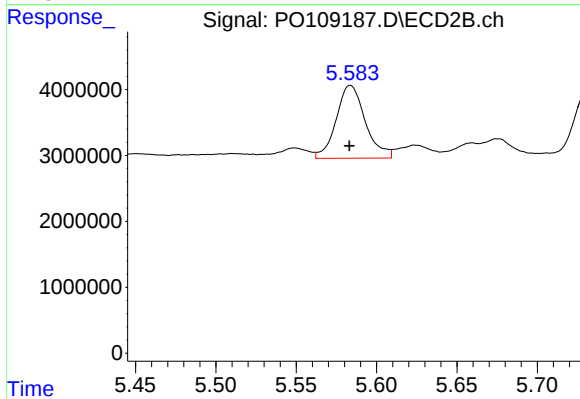
#19 AR-1242-4

R.T.: 5.059 min
Delta R.T.: -0.002 min
Response: 2255773
Conc: 19.85 ng/ml



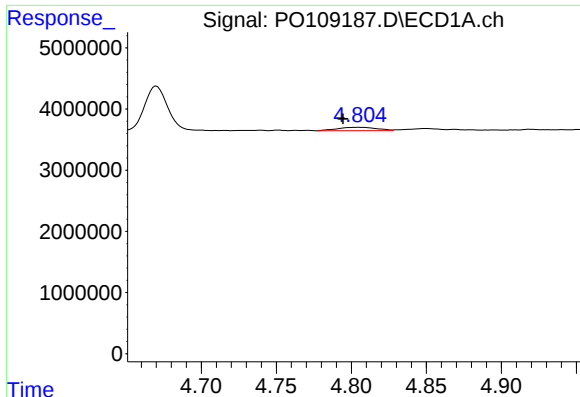
#20 AR-1242-5

R.T.: 5.646 min
Delta R.T.: 0.000 min
Response: 3363779
Conc: 20.14 ng/ml



#20 AR-1242-5

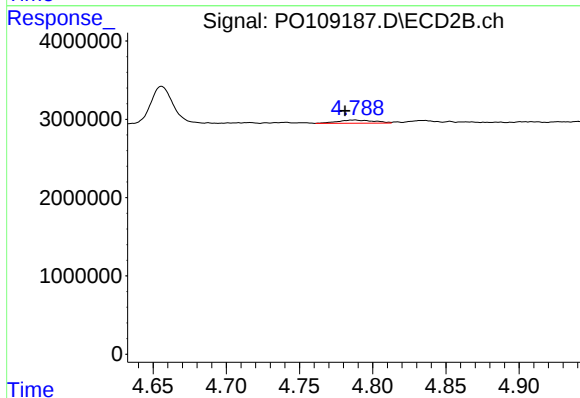
R.T.: 5.584 min
Delta R.T.: 0.000 min
Response: 13958038
Conc: 102.04 ng/ml



#21 AR-1248-1

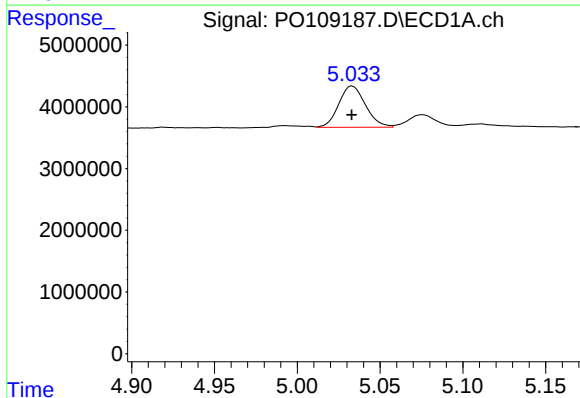
R.T.: 4.805 min
Delta R.T.: 0.010 min
Response: 985364
Conc: 6.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



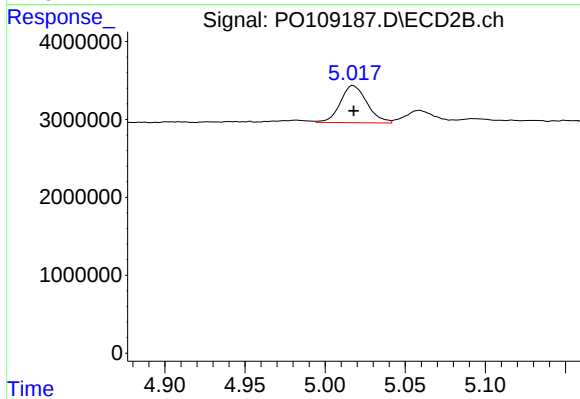
#21 AR-1248-1

R.T.: 4.788 min
Delta R.T.: 0.007 min
Response: 719941
Conc: 6.71 ng/ml



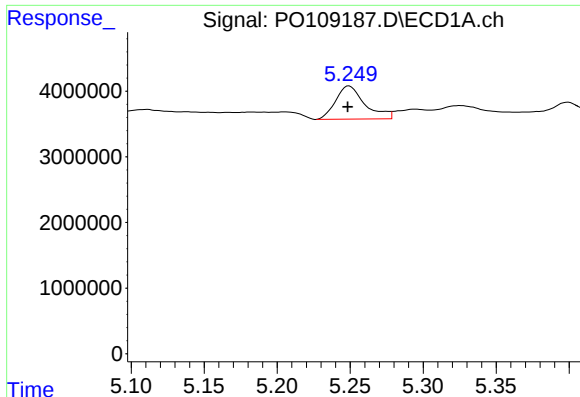
#22 AR-1248-2

R.T.: 5.033 min
Delta R.T.: 0.000 min
Response: 7511037
Conc: 33.61 ng/ml



#22 AR-1248-2

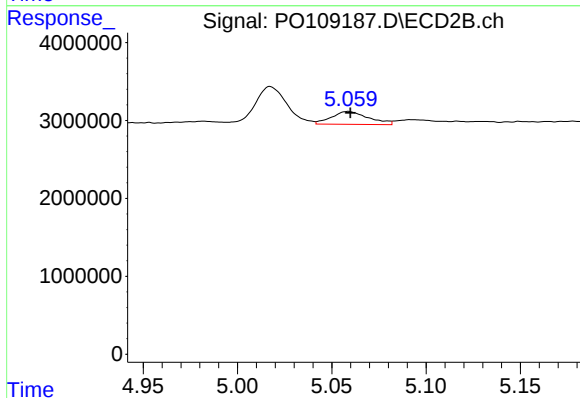
R.T.: 5.017 min
Delta R.T.: 0.000 min
Response: 5547768
Conc: 36.03 ng/ml



#23 AR-1248-3

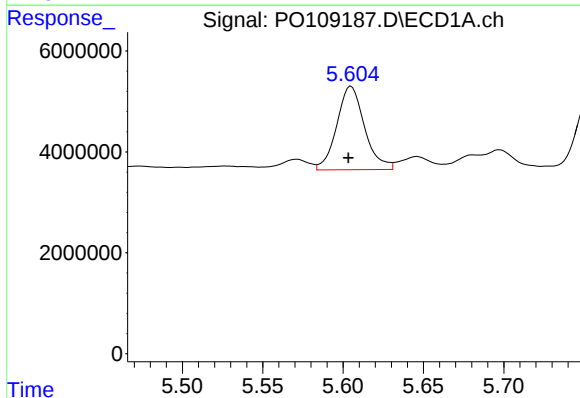
R.T.: 5.249 min
Delta R.T.: 0.000 min
Response: 7045716
Conc: 25.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



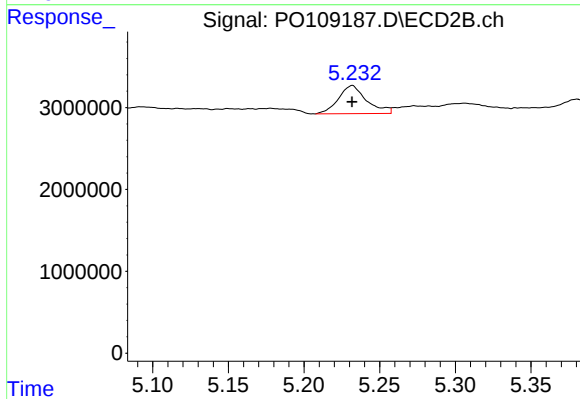
#23 AR-1248-3

R.T.: 5.059 min
Delta R.T.: -0.001 min
Response: 2255773
Conc: 13.64 ng/ml



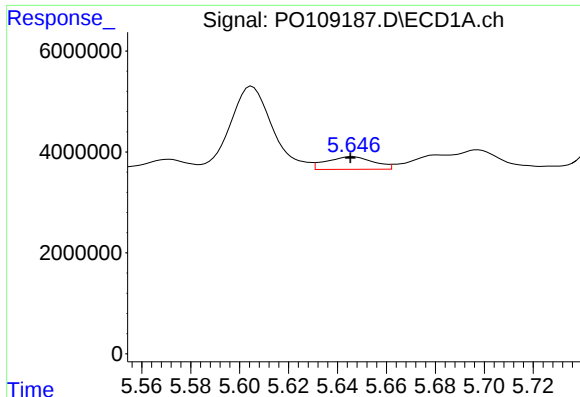
#24 AR-1248-4

R.T.: 5.605 min
Delta R.T.: 0.002 min
Response: 19925897
Conc: 51.82 ng/ml



#24 AR-1248-4

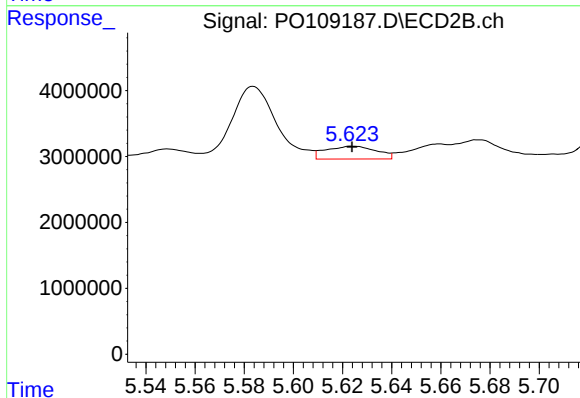
R.T.: 5.232 min
Delta R.T.: 0.000 min
Response: 4466159
Conc: 23.32 ng/ml



#25 AR-1248-5

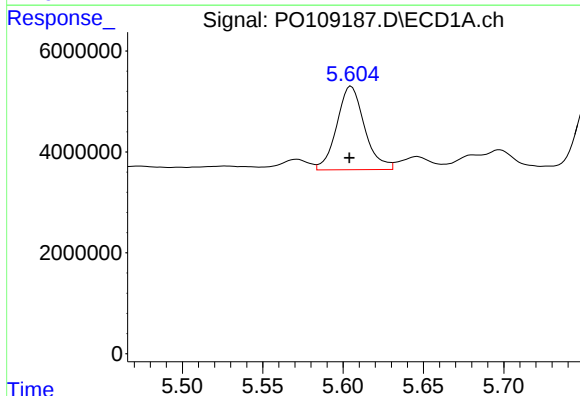
R.T.: 5.646 min
Delta R.T.: 0.000 min
Response: 3363779
Conc: 12.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



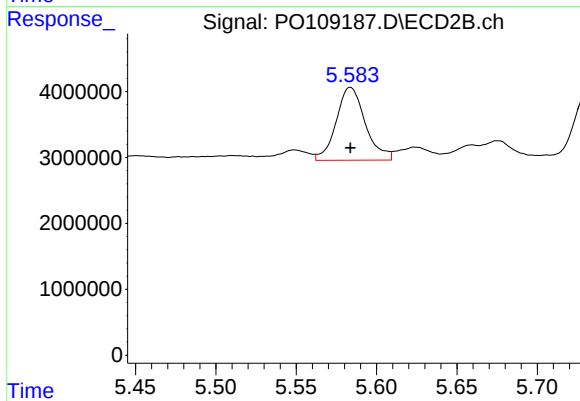
#25 AR-1248-5

R.T.: 5.624 min
Delta R.T.: 0.000 min
Response: 2786871
Conc: 15.21 ng/ml



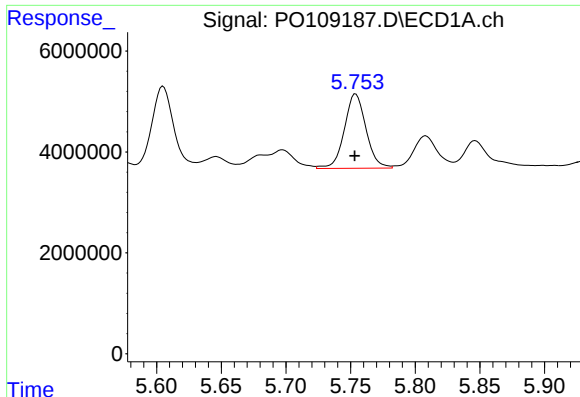
#26 AR-1254-1

R.T.: 5.605 min
Delta R.T.: 0.000 min
Response: 19925897
Conc: 48.18 ng/ml



#26 AR-1254-1

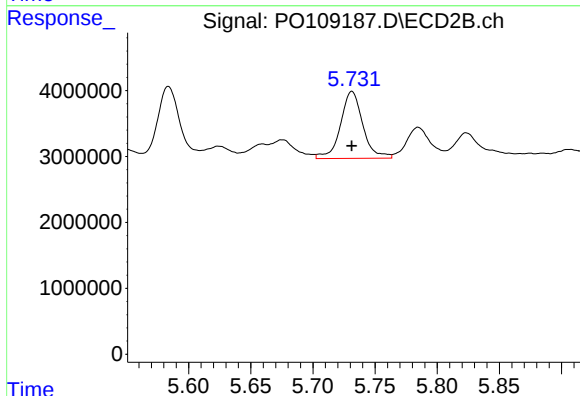
R.T.: 5.584 min
Delta R.T.: 0.000 min
Response: 13958038
Conc: 49.66 ng/ml



#27 AR-1254-2

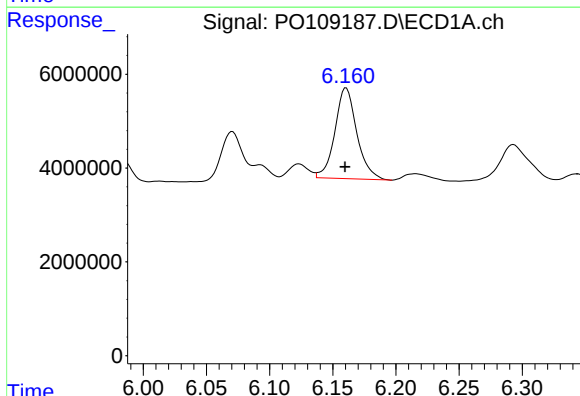
R.T.: 5.754 min
Delta R.T.: 0.000 min
Response: 17194107
Conc: 47.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



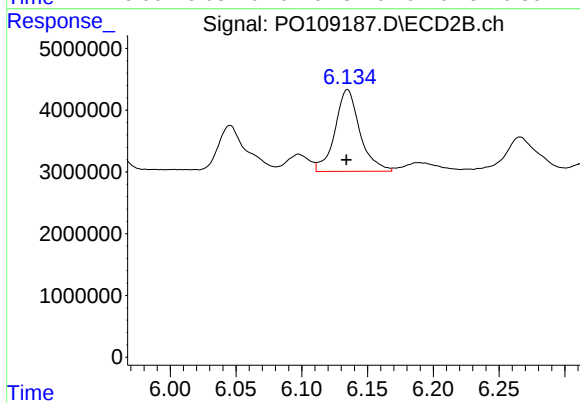
#27 AR-1254-2

R.T.: 5.731 min
Delta R.T.: 0.000 min
Response: 12693154
Conc: 50.72 ng/ml



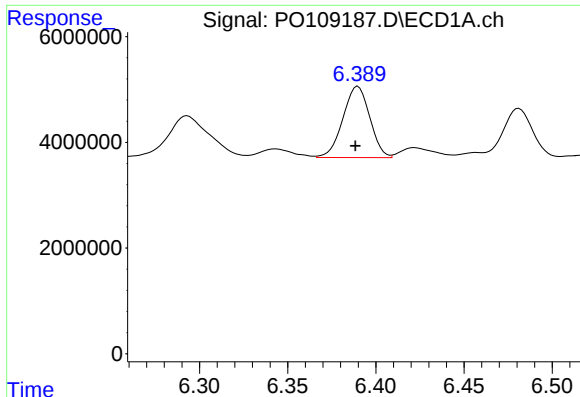
#28 AR-1254-3

R.T.: 6.161 min
Delta R.T.: 0.000 min
Response: 23397318
Conc: 41.48 ng/ml



#28 AR-1254-3

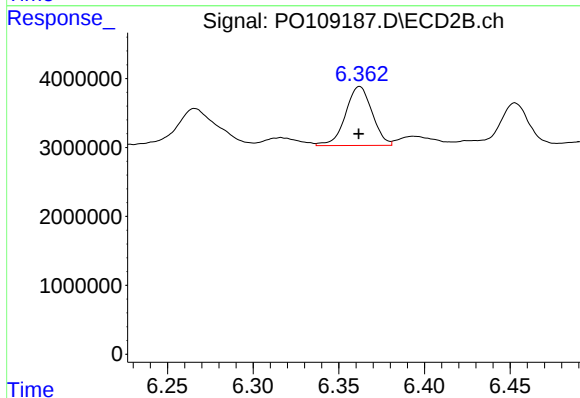
R.T.: 6.135 min
Delta R.T.: 0.000 min
Response: 17513583
Conc: 44.58 ng/ml



#29 AR-1254-4

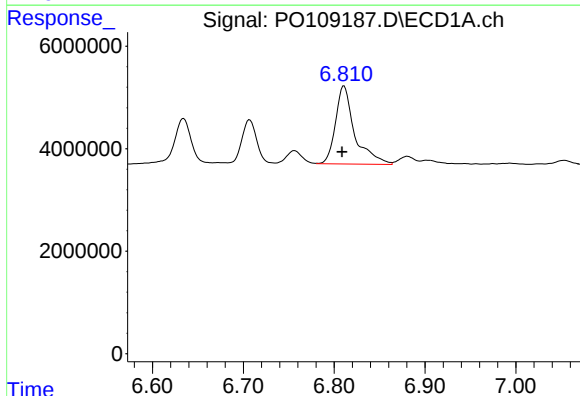
R.T.: 6.390 min
Delta R.T.: 0.001 min
Response: 14287112
Conc: 41.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



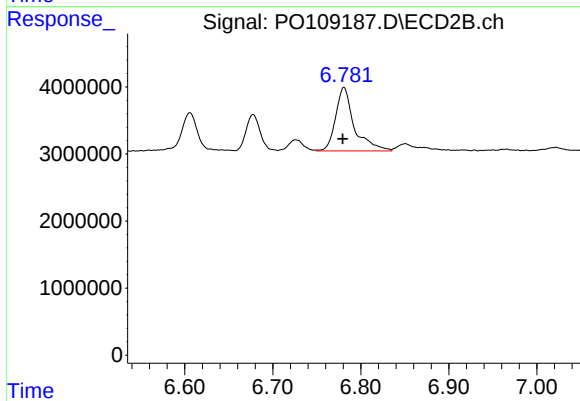
#29 AR-1254-4

R.T.: 6.362 min
Delta R.T.: 0.000 min
Response: 9241328
Conc: 41.94 ng/ml



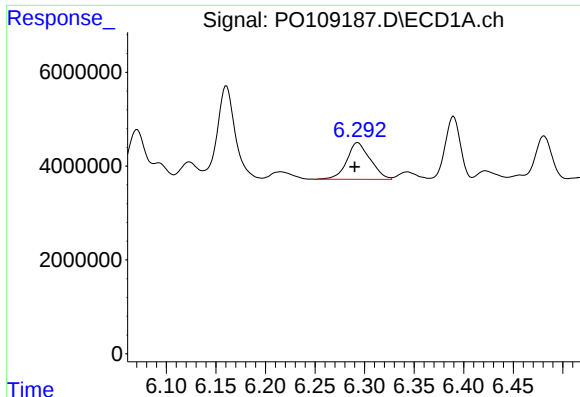
#30 AR-1254-5

R.T.: 6.811 min
Delta R.T.: 0.002 min
Response: 22363656
Conc: 43.59 ng/ml



#30 AR-1254-5

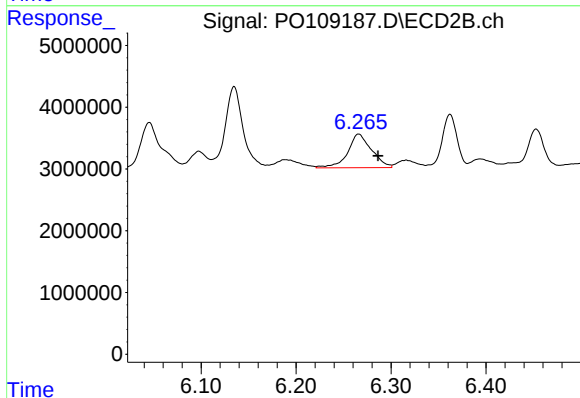
R.T.: 6.781 min
Delta R.T.: 0.002 min
Response: 13910192
Conc: 42.58 ng/ml



#31 AR-1260-1

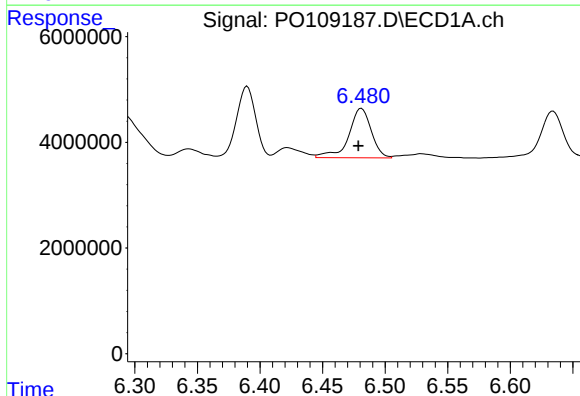
R.T.: 6.293 min
Delta R.T.: 0.003 min
Response: 12851149
Conc: 33.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



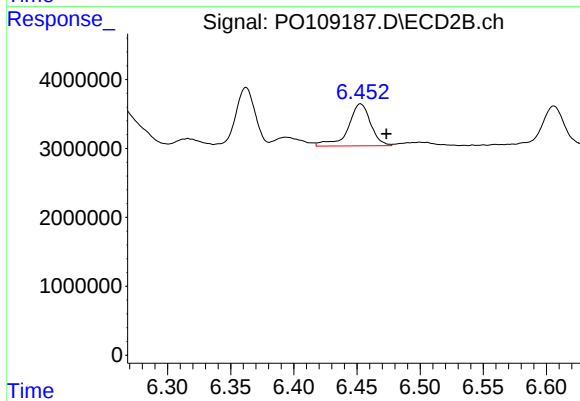
#31 AR-1260-1

R.T.: 6.266 min
Delta R.T.: -0.020 min
Response: 9507081
Conc: 37.72 ng/ml



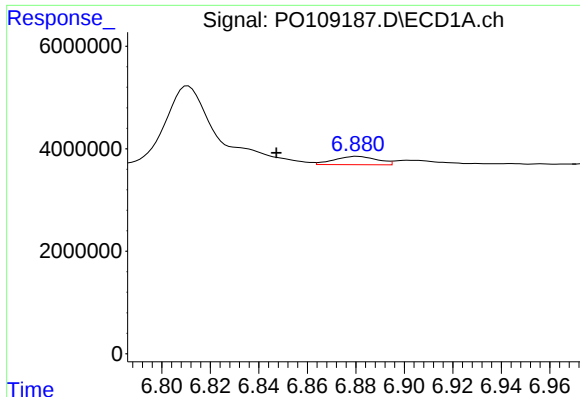
#32 AR-1260-2

R.T.: 6.481 min
Delta R.T.: 0.002 min
Response: 11760821
Conc: 25.05 ng/ml



#32 AR-1260-2

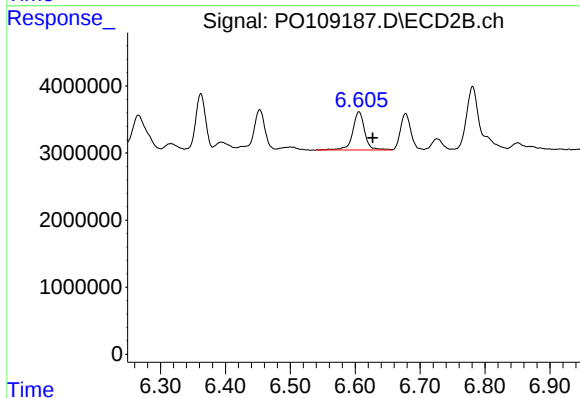
R.T.: 6.453 min
Delta R.T.: -0.020 min
Response: 7549505
Conc: 25.10 ng/ml



#33 AR-1260-3

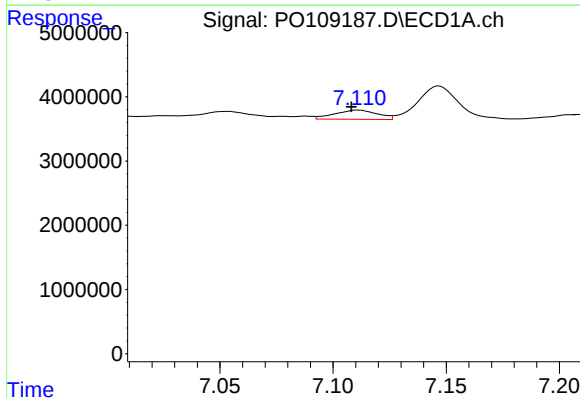
R.T.: 6.881 min
Delta R.T.: 0.033 min
Response: 1971505
Conc: 5.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



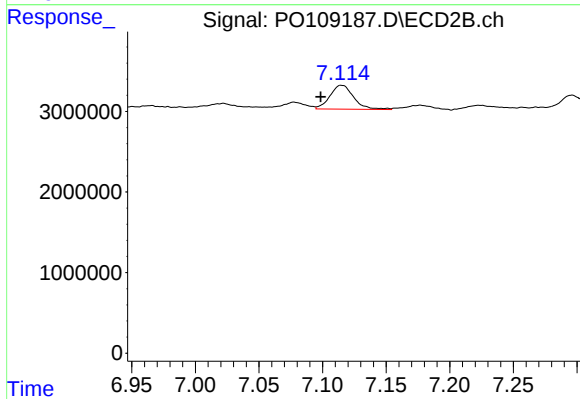
#33 AR-1260-3

R.T.: 6.606 min
Delta R.T.: -0.021 min
Response: 7298135
Conc: 26.22 ng/ml



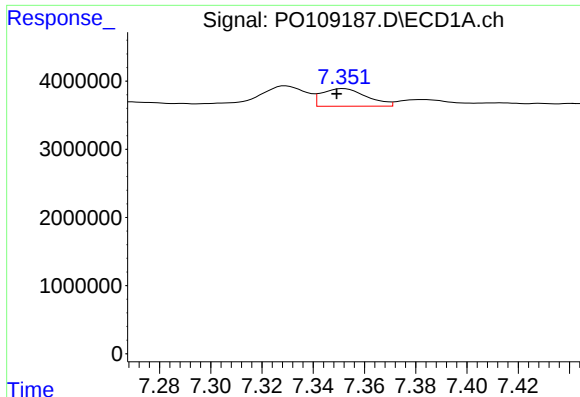
#34 AR-1260-4

R.T.: 7.111 min
Delta R.T.: 0.003 min
Response: 1894374
Conc: 5.29 ng/ml



#34 AR-1260-4

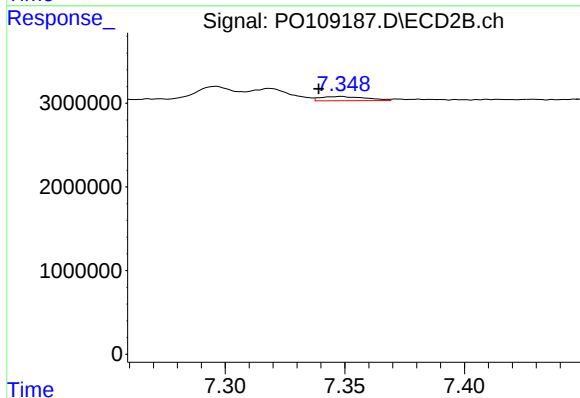
R.T.: 7.115 min
Delta R.T.: 0.017 min
Response: 3840063
Conc: 17.02 ng/ml



#35 AR-1260-5

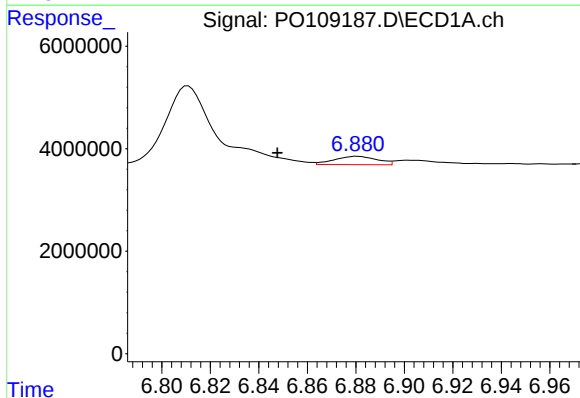
R.T.: 7.352 min
Delta R.T.: 0.003 min
Response: 3142702
Conc: 3.77 ng/ml

Instrument :
ECD_O
ClientSampleId :



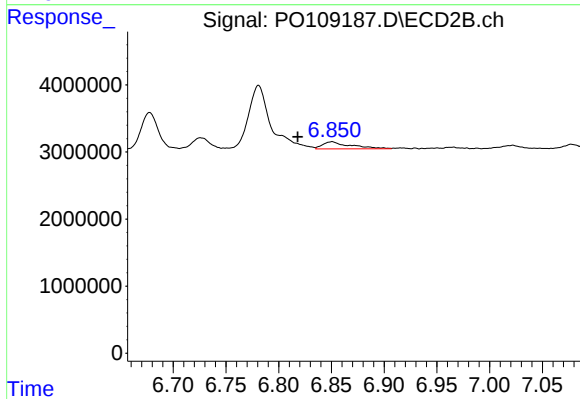
#35 AR-1260-5

R.T.: 7.348 min
Delta R.T.: 0.009 min
Response: 665854
Conc: 1.33 ng/ml



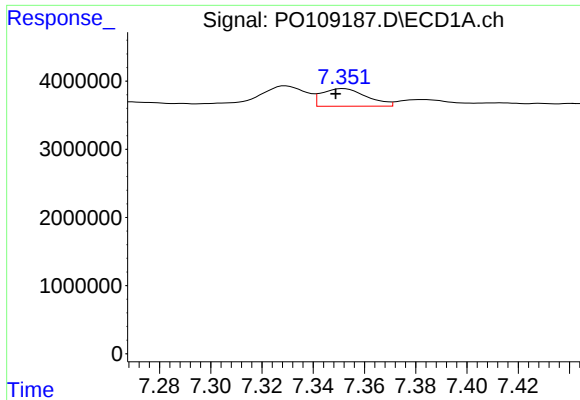
#36 AR-1262-1

R.T.: 6.881 min
Delta R.T.: 0.033 min
Response: 1971505
Conc: 3.69 ng/ml



#36 AR-1262-1

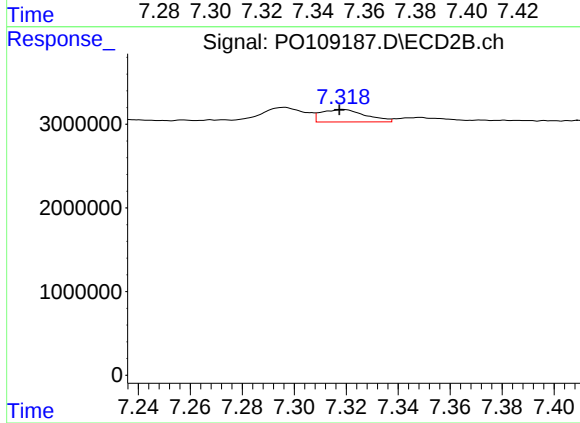
R.T.: 6.851 min
Delta R.T.: 0.032 min
Response: 1963613
Conc: 5.77 ng/ml



#37 AR-1262-2

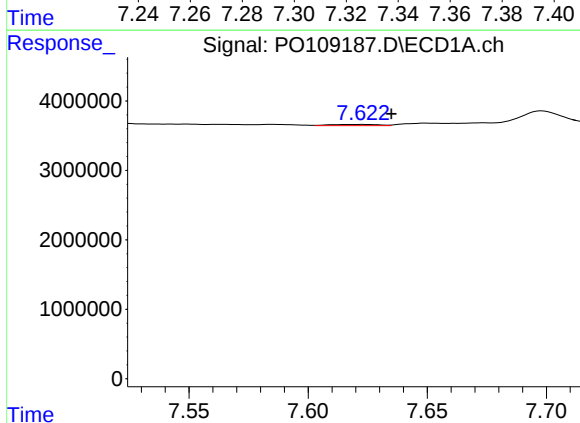
R.T.: 7.352 min
Delta R.T.: 0.003 min
Response: 3142702
Conc: 3.42 ng/ml

Instrument :
ECD_O
ClientSampleId :



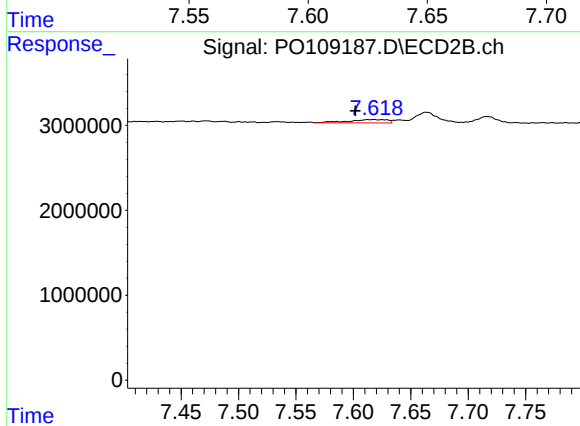
#37 AR-1262-2

R.T.: 7.319 min
Delta R.T.: 0.001 min
Response: 1755593
Conc: 3.17 ng/ml



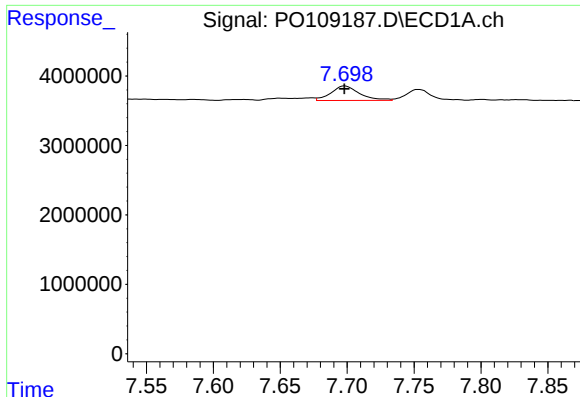
#38 AR-1262-3

R.T.: 7.622 min
Delta R.T.: -0.013 min
Response: 251329
Conc: 0.69 ng/ml



#38 AR-1262-3

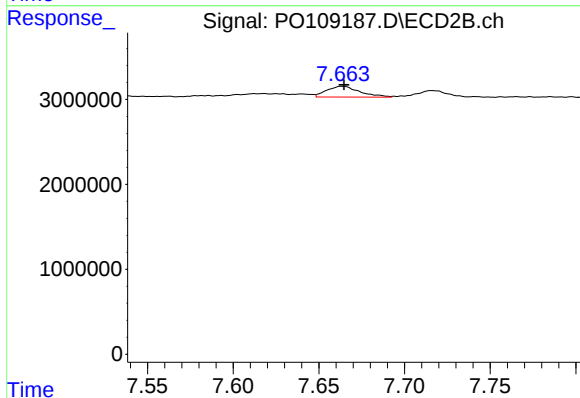
R.T.: 7.618 min
Delta R.T.: 0.016 min
Response: 916524
Conc: 4.27 ng/ml



#39 AR-1262-4

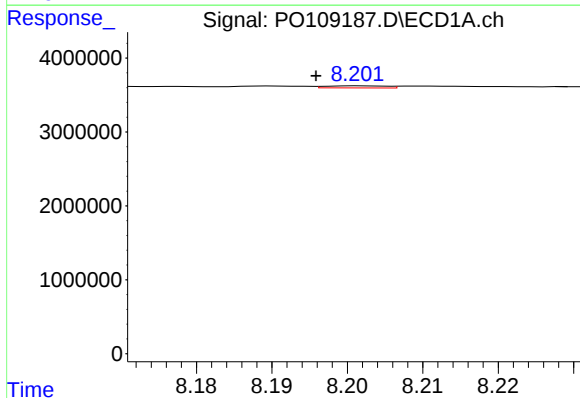
R.T.: 7.698 min
Delta R.T.: 0.000 min
Response: 3107503
Conc: 4.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



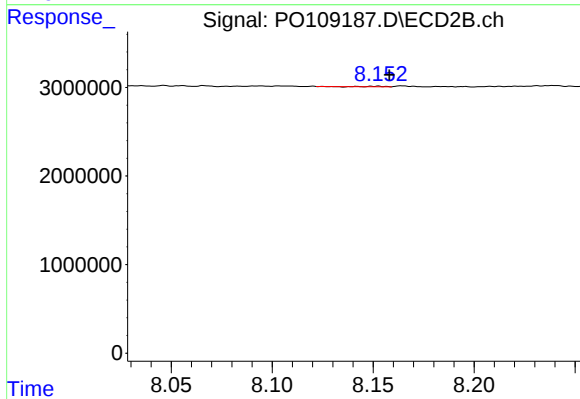
#39 AR-1262-4

R.T.: 7.664 min
Delta R.T.: -0.001 min
Response: 1720459
Conc: 4.39 ng/ml



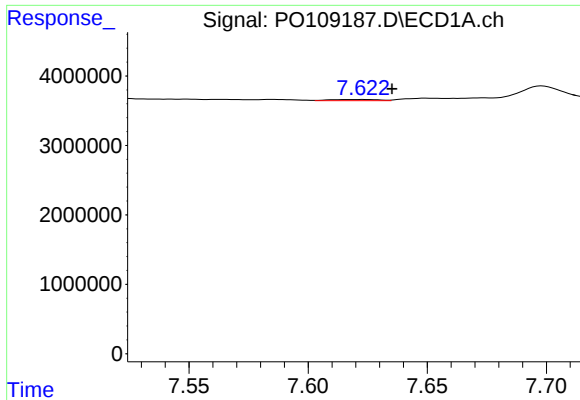
#40 AR-1262-5

R.T.: 8.202 min
Delta R.T.: 0.006 min
Response: 154708
Conc: 0.51 ng/ml



#40 AR-1262-5

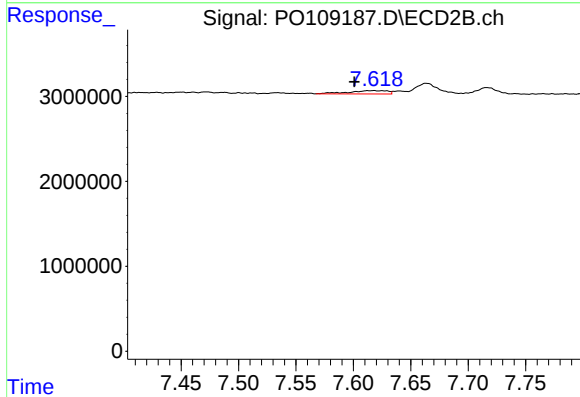
R.T.: 8.152 min
Delta R.T.: -0.006 min
Response: 26684
Conc: 0.17 ng/ml



#41 AR-1268-1

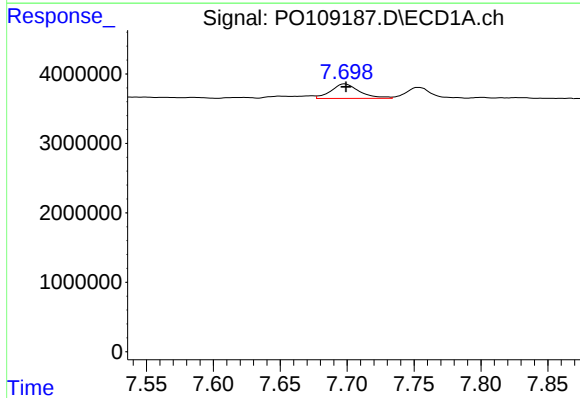
R.T.: 7.622 min
Delta R.T.: -0.013 min
Response: 251329
Conc: 0.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



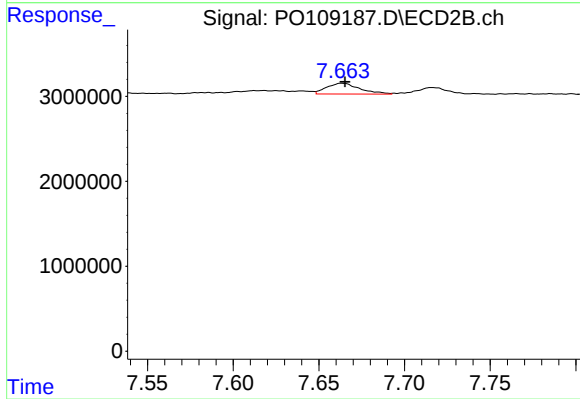
#41 AR-1268-1

R.T.: 7.618 min
Delta R.T.: 0.017 min
Response: 916524
Conc: 1.46 ng/ml



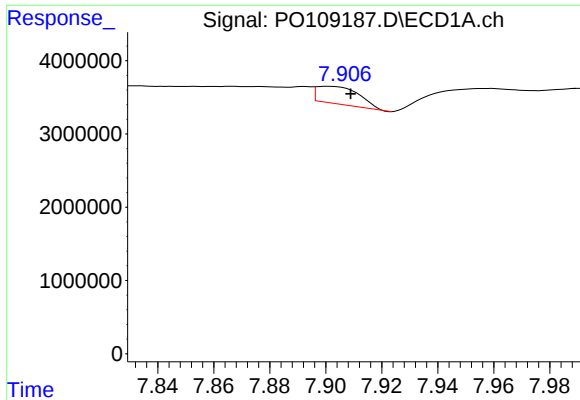
#42 AR-1268-2

R.T.: 7.698 min
Delta R.T.: -0.001 min
Response: 3107503
Conc: 3.21 ng/ml



#42 AR-1268-2

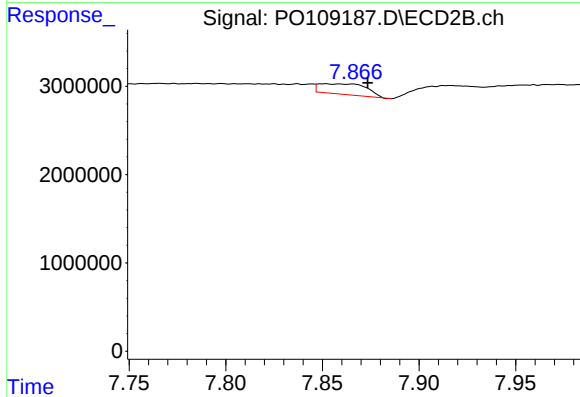
R.T.: 7.664 min
Delta R.T.: -0.002 min
Response: 1720459
Conc: 3.01 ng/ml



#43 AR-1268-3

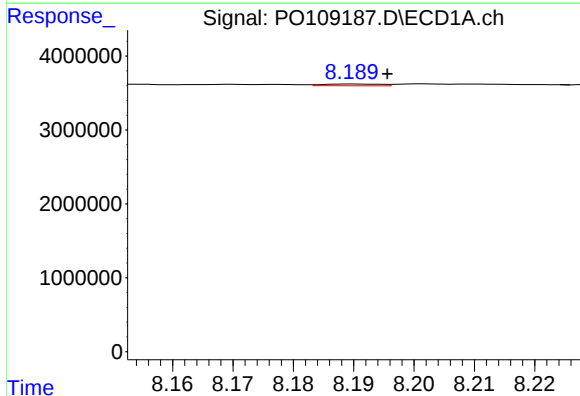
R.T.: 7.901 min
Delta R.T.: -0.008 min
Response: 2552821
Conc: 3.17 ng/ml

Instrument :
ECD_O
ClientSampleId :



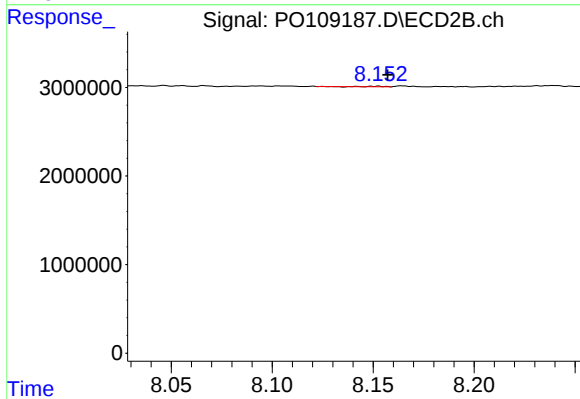
#43 AR-1268-3

R.T.: 7.851 min
Delta R.T.: -0.022 min
Response: 2014162
Conc: 4.37 ng/ml



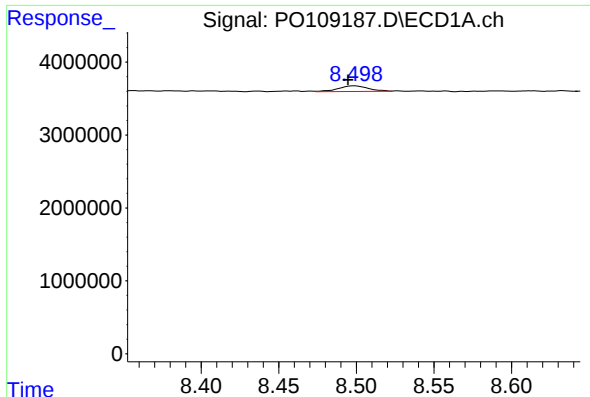
#44 AR-1268-4

R.T.: 8.190 min
Delta R.T.: -0.006 min
Response: 160264
Conc: 0.47 ng/ml



#44 AR-1268-4

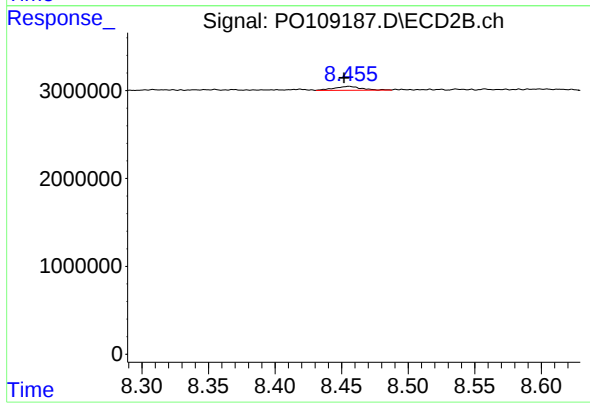
R.T.: 8.152 min
Delta R.T.: -0.005 min
Response: 26684
Conc: 0.15 ng/ml



#45 AR-1268-5

R.T.: 8.499 min
Delta R.T.: 0.004 min
Response: 1044529
Conc: 0.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.456 min
Delta R.T.: 0.004 min
Response: 639533
Conc: 0.53 ng/ml