

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0042123\
 Data File : P0094517.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Apr 2023 21:58
 Operator : YP/AJ
 Sample : 02415-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 24 04:26:13 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0041923.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Apr 20 05:15:06 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...	4.415	3.616	51263930	20135971	15.935	15.589
2)	SA Decachlor...	10.253	8.632	27874491	9704684	13.041	9.744 #
Target Compounds							
3)	L1 AR-1016-1	5.621	4.714	3303821	8743808	36.303	237.549 #
4)	L1 AR-1016-2	5.621	4.714	3303821	8743808	23.540	154.059 #
5)	L1 AR-1016-3	5.667	4.902	783214	1703152	8.674	57.605 #
6)	L1 AR-1016-4	5.763	4.959	982859	533035	14.395	19.465 #
7)	L1 AR-1016-5	6.093	5.147	4667105	1495123	61.070	42.796 #
8)	L2 AR-1221-1	4.624	3.853	20020397	378344	487.457	22.805 #
9)	L2 AR-1221-2	4.714	3.936	2781154	913088	91.860	73.944
10)	L2 AR-1221-3	4.798	3.983	5030882	1136737	53.648	29.835 #
11)	L3 AR-1232-1	4.798	3.983	5030882	1136737	63.394	34.406 #
12)	L3 AR-1232-2	5.332	4.714	403591	8743808	10.271	311.647 #
13)	L3 AR-1232-3	5.621	4.902	3303821	1703152	49.346	120.632 #
14)	L3 AR-1232-4	5.763	4.981	982859	418009	30.650	27.773
15)	L3 AR-1232-5	5.870	5.147	2129366	1495123	70.573	92.117 #
16)	L4 AR-1242-1	5.621	4.714	3303821	8743808	41.793	274.678 #
17)	L4 AR-1242-2	5.621	4.714	3303821	8743808	27.222	183.057 #
18)	L4 AR-1242-3	5.667	4.902	783214	1703152	9.994	67.295 #
19)	L4 AR-1242-4	5.763	4.981	982859	418009	16.856	14.387
20)	L4 AR-1242-5	6.496	5.513	10682186	4884776	178.660	166.134
21)	L5 AR-1248-1	5.621	4.714	3303821	8743808	54.795	354.834 #
22)	L5 AR-1248-2	5.870	4.959	2129366	533035	20.633	12.993 #
23)	L5 AR-1248-3	6.093	4.981	4667105	418009	42.480	9.830 #
24)	L5 AR-1248-4	6.496	5.147	10682186	1495123	109.074	30.867 #
25)	L5 AR-1248-5	6.496	5.543	10682186	3526024	101.778	91.999
26)	L6 AR-1254-1	6.428	5.513	2009215	4884776	16.248	69.888 #
27)	L6 AR-1254-2	6.678	5.619	5654074	1682690	31.230	26.873
28)	L6 AR-1254-3	7.044	6.047	6124167	1131305	35.899	12.237 #
29)	L6 AR-1254-4	7.351	6.323f	1067112	251972	11.323	5.947 #
30)	L6 AR-1254-5	7.752	6.693	3179367	1529689	26.630	20.410
31)	L7 AR-1260-1	7.206	6.167	456176	2292595	3.413	34.152 #
32)	L7 AR-1260-2	7.468	6.357	1261462	1727930	9.011	23.245 #
33)	L7 AR-1260-3	7.848	6.537	2182730	1026701	19.141	14.376
34)	L7 AR-1260-4	8.051	7.026	4788037	1105479	40.004	18.800 #
35)	L7 AR-1260-5	8.381	7.281	1446640	1099377	7.015	9.672 #
36)	L8 AR-1262-1	7.848	6.819	2182730	614860	13.590	16.857
37)	L8 AR-1262-2	8.381	6.974	1446640	1717778	6.620	23.405 #
38)	L8 AR-1262-3	8.708	7.535	5080750	431319	32.407	8.043 #
39)	L8 AR-1262-4	8.816	7.560	5764295	822005	62.573	8.797 #
40)	L8 AR-1262-5	9.455	8.100	8302801	10711366	113.552	284.152 #
41)	L9 AR-1268-1	8.708	7.535	5080750	431319	16.020	2.595 #

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 Operator : YP/AJ
 Sample : 02415-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

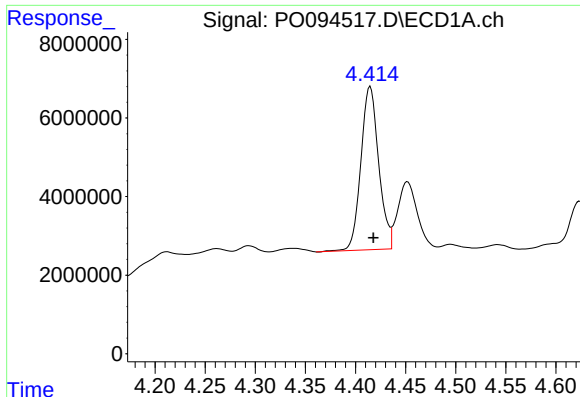
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 24 04:26:13 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0041923.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	8.816	7.560	5764295	822005	20.433	5.339 #
43) L9	AR-1268-3	9.032	7.758f	959546	-495197	3.640	N.D. #
44) L9	AR-1268-4	9.455	8.100	8302801	10711366	98.424	236.344 #
45) L9	AR-1268-5	9.915	8.328f	2157403	603692	2.697	1.618 #

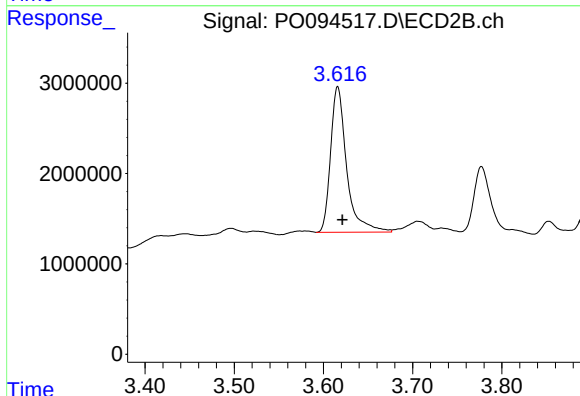
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

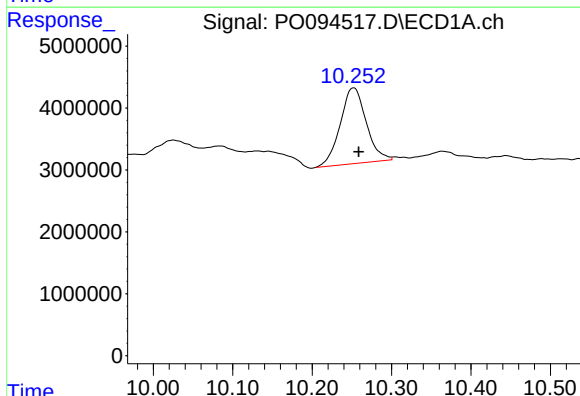
R.T.: 4.415 min
Delta R.T.: -0.003 min
Response: 51263930
Conc: 15.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



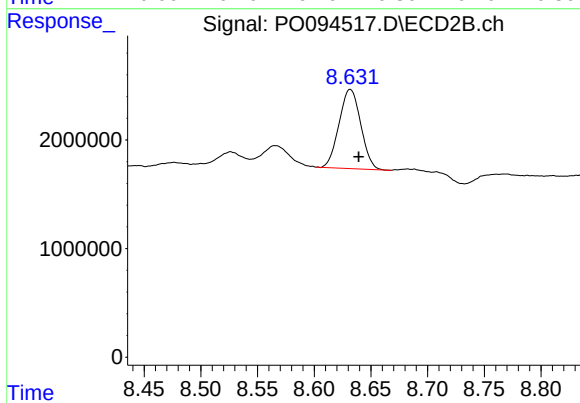
#1 Tetrachloro-m-xylene

R.T.: 3.616 min
Delta R.T.: -0.005 min
Response: 20135971
Conc: 15.59 ng/ml



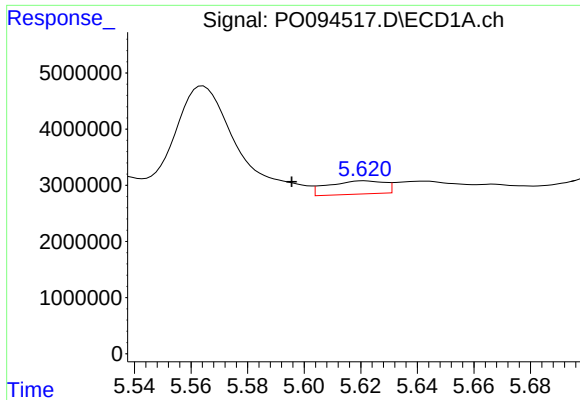
#2 Decachlorobiphenyl

R.T.: 10.253 min
Delta R.T.: -0.006 min
Response: 27874491
Conc: 13.04 ng/ml



#2 Decachlorobiphenyl

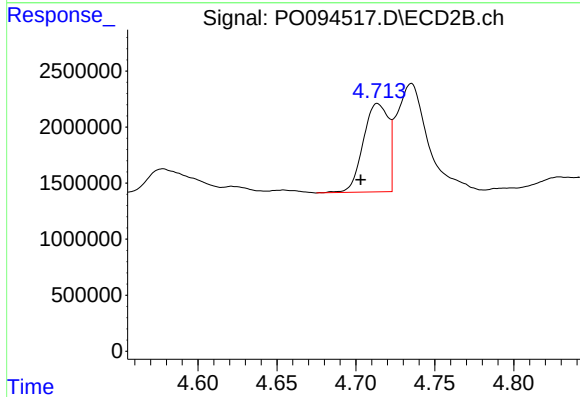
R.T.: 8.632 min
Delta R.T.: -0.007 min
Response: 9704684
Conc: 9.74 ng/ml



#3 AR-1016-1

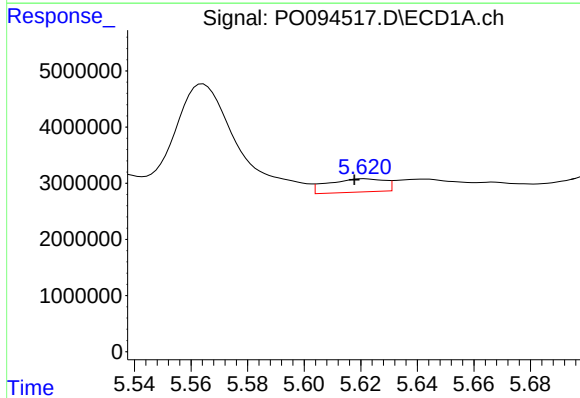
R.T.: 5.621 min
Delta R.T.: 0.026 min
Response: 3303821
Conc: 36.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



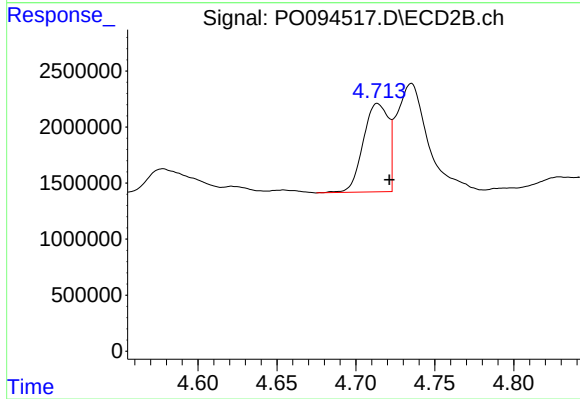
#3 AR-1016-1

R.T.: 4.714 min
Delta R.T.: 0.011 min
Response: 8743808
Conc: 237.55 ng/ml



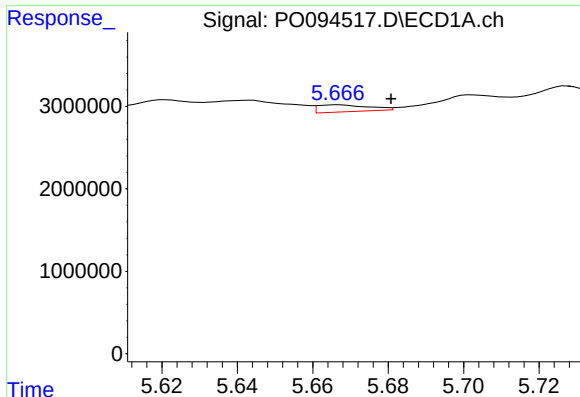
#4 AR-1016-2

R.T.: 5.621 min
Delta R.T.: 0.003 min
Response: 3303821
Conc: 23.54 ng/ml



#4 AR-1016-2

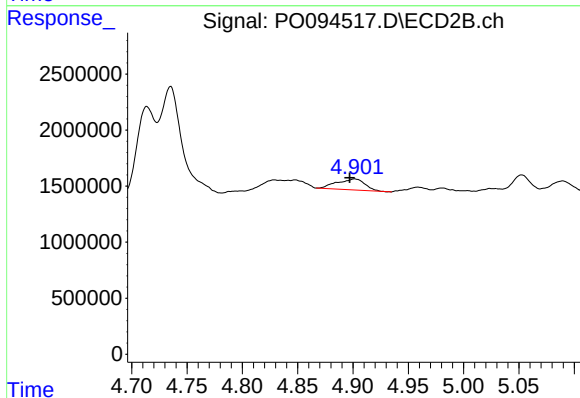
R.T.: 4.714 min
Delta R.T.: -0.007 min
Response: 8743808
Conc: 154.06 ng/ml



#5 AR-1016-3

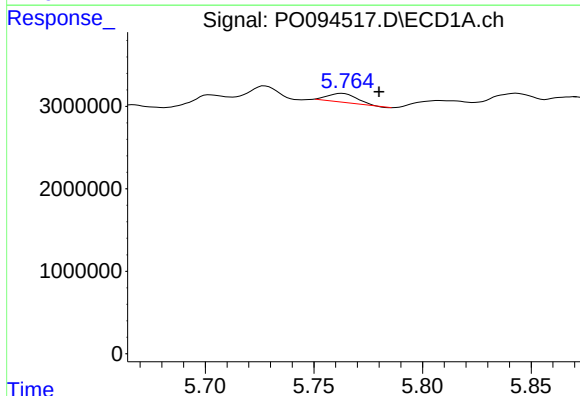
R.T.: 5.667 min
Delta R.T.: -0.014 min
Response: 783214
Conc: 8.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



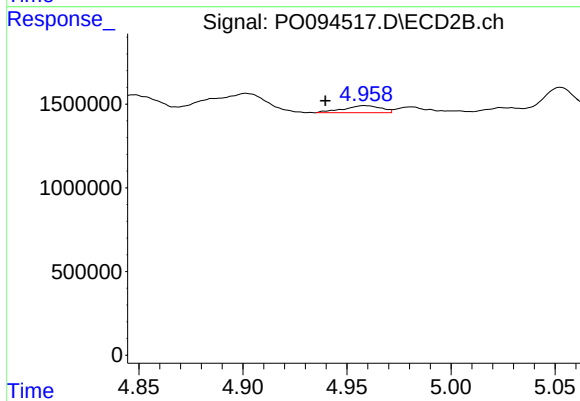
#5 AR-1016-3

R.T.: 4.902 min
Delta R.T.: 0.004 min
Response: 1703152
Conc: 57.60 ng/ml



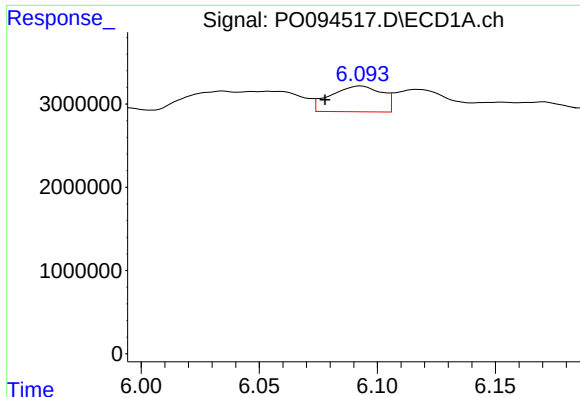
#6 AR-1016-4

R.T.: 5.763 min
Delta R.T.: -0.017 min
Response: 982859
Conc: 14.39 ng/ml



#6 AR-1016-4

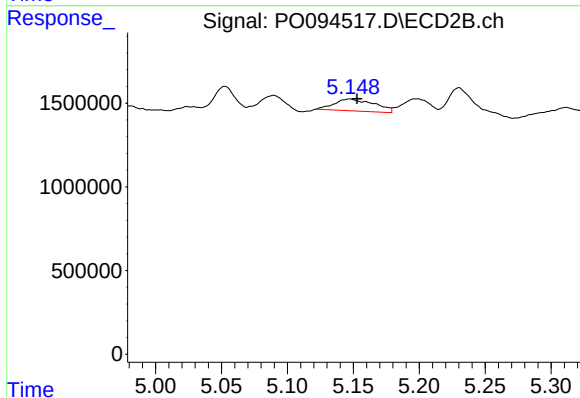
R.T.: 4.959 min
Delta R.T.: 0.019 min
Response: 533035
Conc: 19.46 ng/ml



#7 AR-1016-5

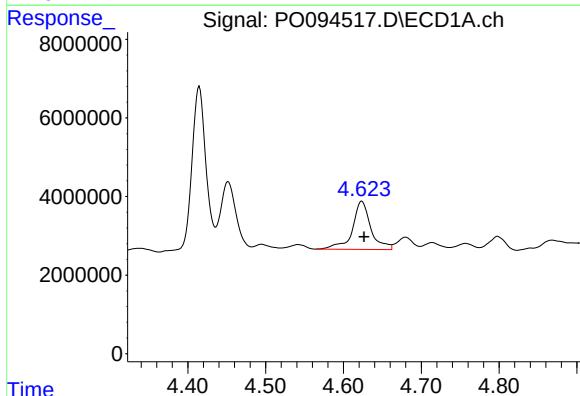
R.T.: 6.093 min
Delta R.T.: 0.015 min
Response: 4667105
Conc: 61.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



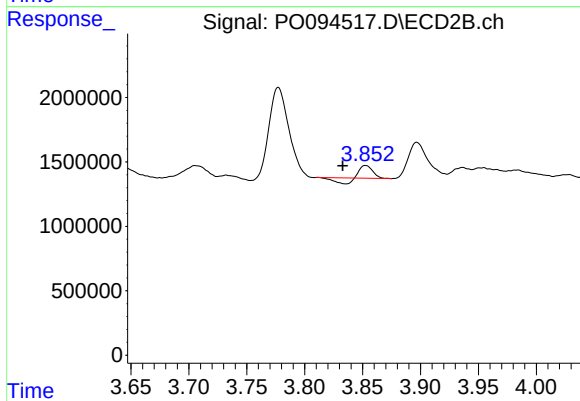
#7 AR-1016-5

R.T.: 5.147 min
Delta R.T.: -0.006 min
Response: 1495123
Conc: 42.80 ng/ml



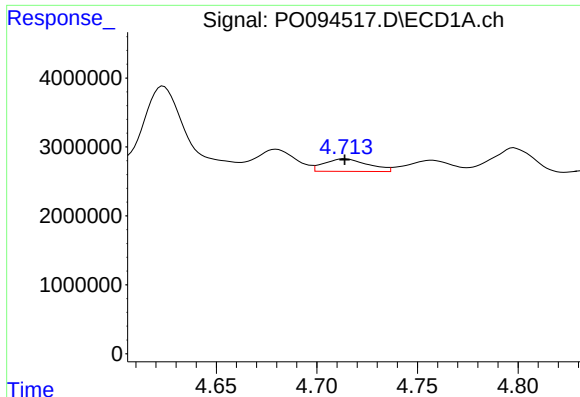
#8 AR-1221-1

R.T.: 4.624 min
Delta R.T.: -0.003 min
Response: 20020397
Conc: 487.46 ng/ml



#8 AR-1221-1

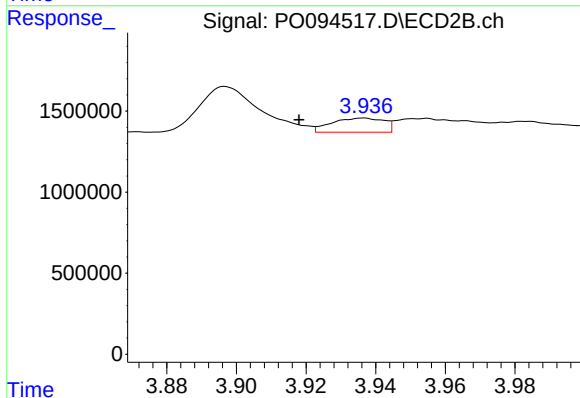
R.T.: 3.853 min
Delta R.T.: 0.020 min
Response: 378344
Conc: 22.81 ng/ml



#9 AR-1221-2

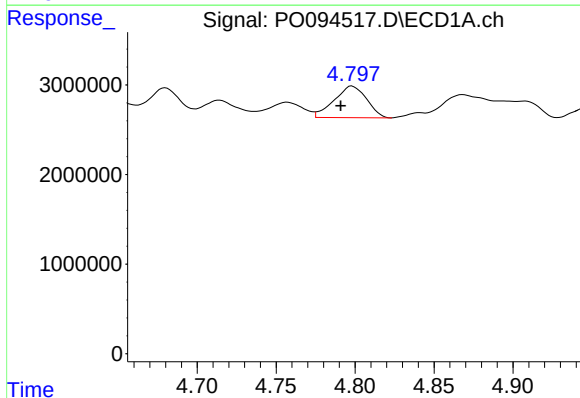
R.T.: 4.714 min
Delta R.T.: 0.000 min
Response: 2781154
Conc: 91.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



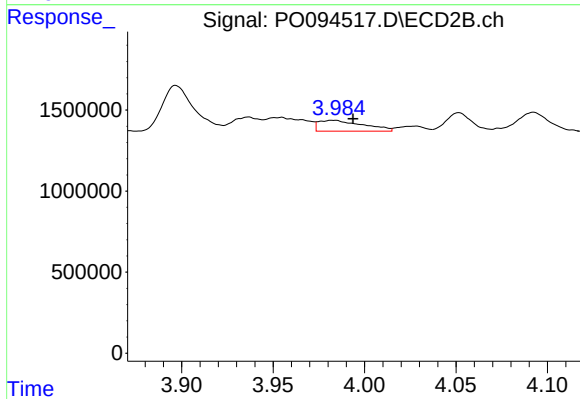
#9 AR-1221-2

R.T.: 3.936 min
Delta R.T.: 0.018 min
Response: 913088
Conc: 73.94 ng/ml



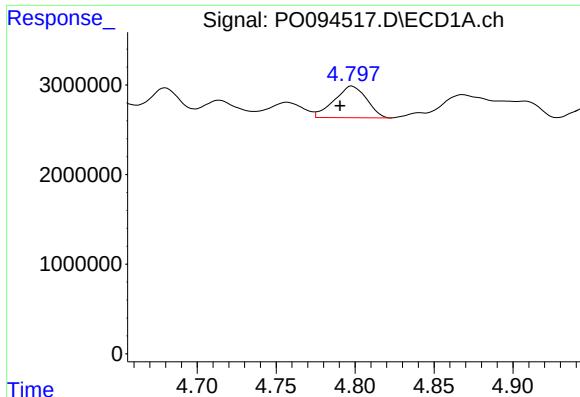
#10 AR-1221-3

R.T.: 4.798 min
Delta R.T.: 0.007 min
Response: 5030882
Conc: 53.65 ng/ml



#10 AR-1221-3

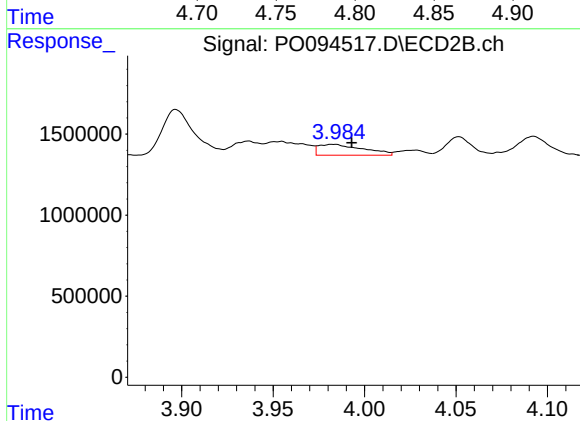
R.T.: 3.983 min
Delta R.T.: -0.011 min
Response: 1136737
Conc: 29.84 ng/ml



#11 AR-1232-1

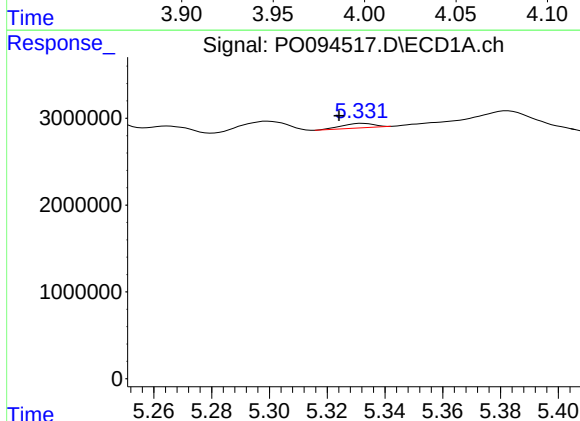
R.T.: 4.798 min
Delta R.T.: 0.008 min
Response: 5030882
Conc: 63.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



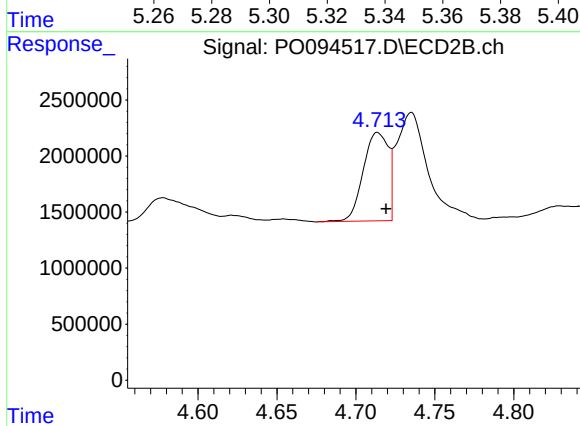
#11 AR-1232-1

R.T.: 3.983 min
Delta R.T.: -0.010 min
Response: 1136737
Conc: 34.41 ng/ml



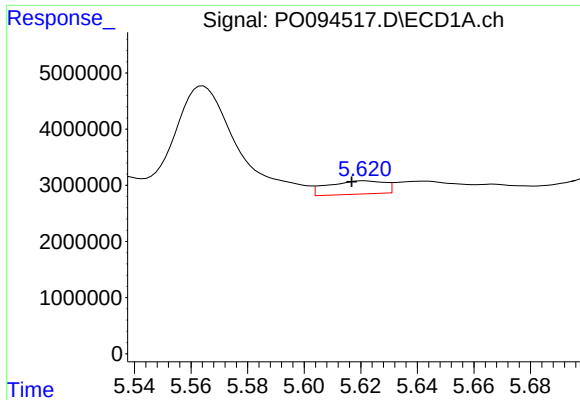
#12 AR-1232-2

R.T.: 5.332 min
Delta R.T.: 0.008 min
Response: 403591
Conc: 10.27 ng/ml



#12 AR-1232-2

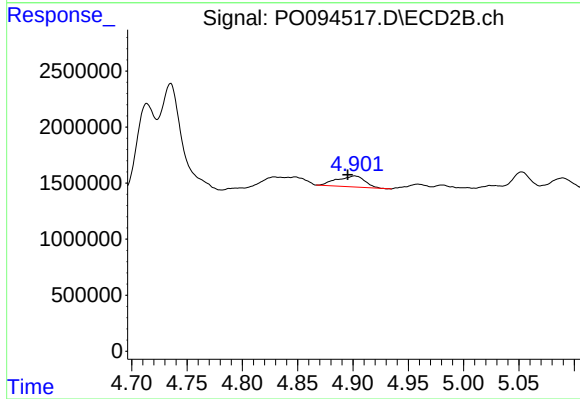
R.T.: 4.714 min
Delta R.T.: -0.005 min
Response: 8743808
Conc: 311.65 ng/ml



#13 AR-1232-3

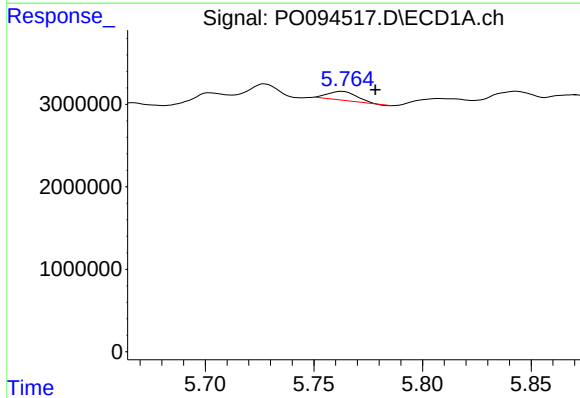
R.T.: 5.621 min
Delta R.T.: 0.004 min
Response: 3303821
Conc: 49.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



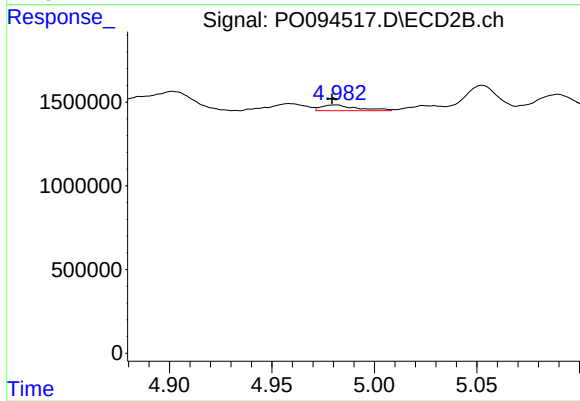
#13 AR-1232-3

R.T.: 4.902 min
Delta R.T.: 0.006 min
Response: 1703152
Conc: 120.63 ng/ml



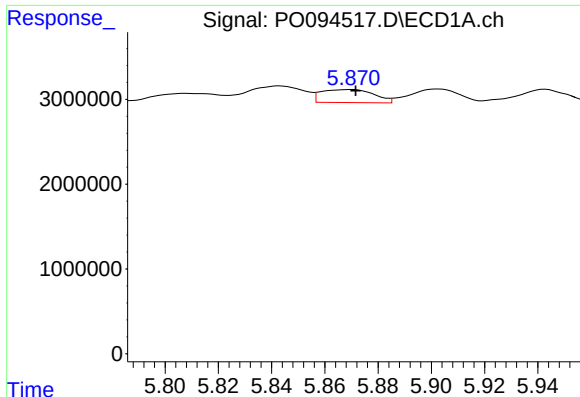
#14 AR-1232-4

R.T.: 5.763 min
Delta R.T.: -0.015 min
Response: 982859
Conc: 30.65 ng/ml



#14 AR-1232-4

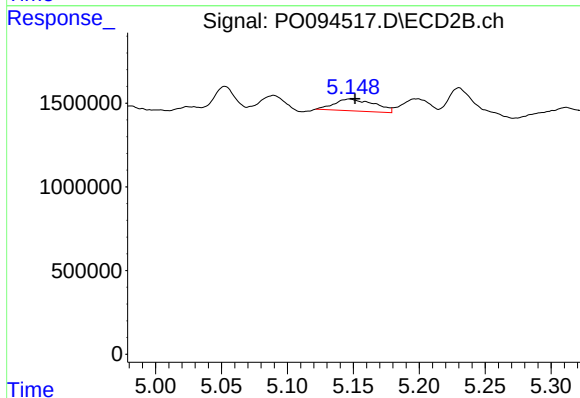
R.T.: 4.981 min
Delta R.T.: 0.002 min
Response: 418009
Conc: 27.77 ng/ml



#15 AR-1232-5

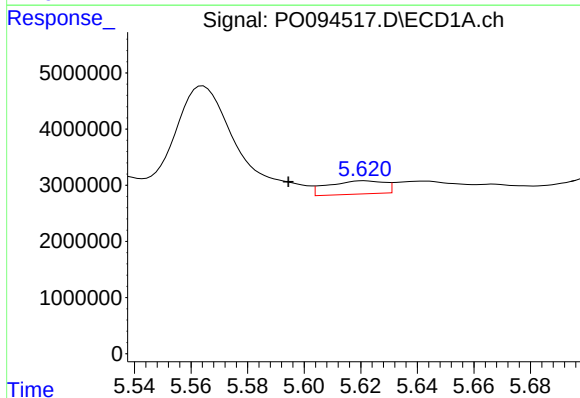
R.T.: 5.870 min
Delta R.T.: -0.001 min
Response: 2129366
Conc: 70.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



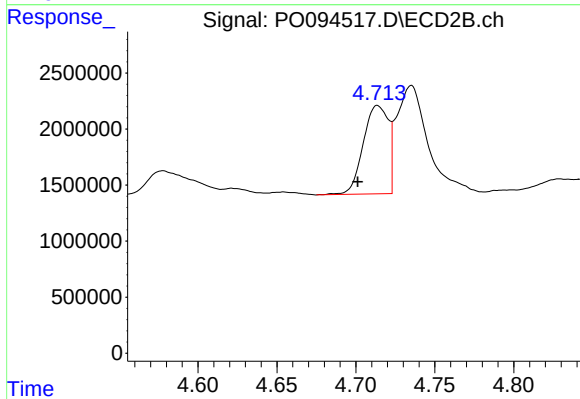
#15 AR-1232-5

R.T.: 5.147 min
Delta R.T.: -0.004 min
Response: 1495123
Conc: 92.12 ng/ml



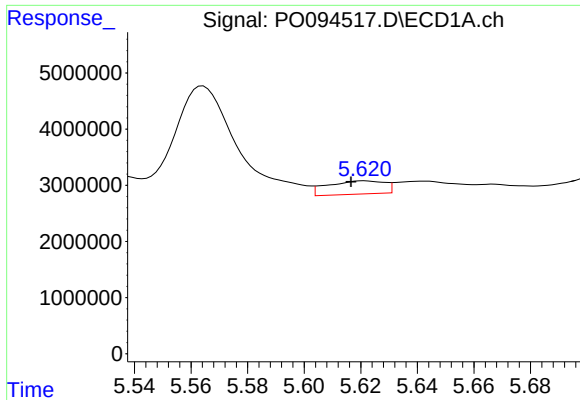
#16 AR-1242-1

R.T.: 5.621 min
Delta R.T.: 0.027 min
Response: 3303821
Conc: 41.79 ng/ml



#16 AR-1242-1

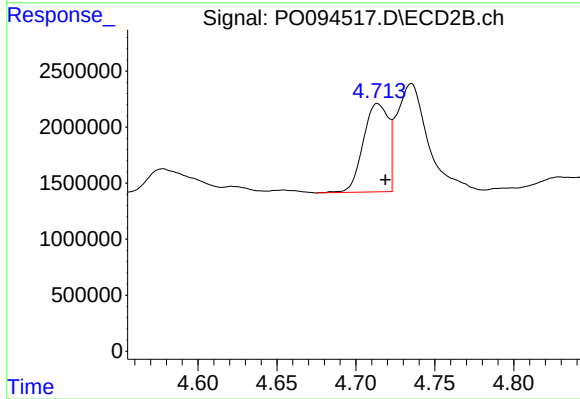
R.T.: 4.714 min
Delta R.T.: 0.013 min
Response: 8743808
Conc: 274.68 ng/ml



#17 AR-1242-2

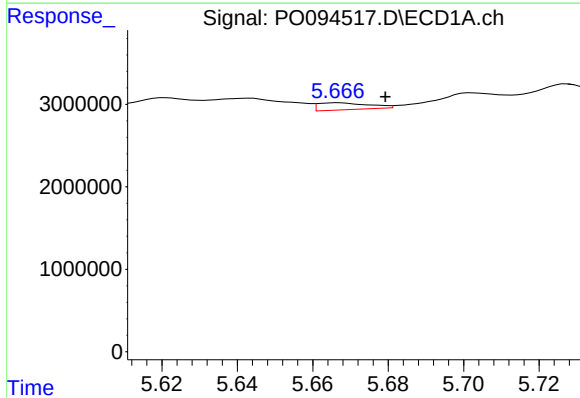
R.T.: 5.621 min
Delta R.T.: 0.005 min
Response: 3303821
Conc: 27.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



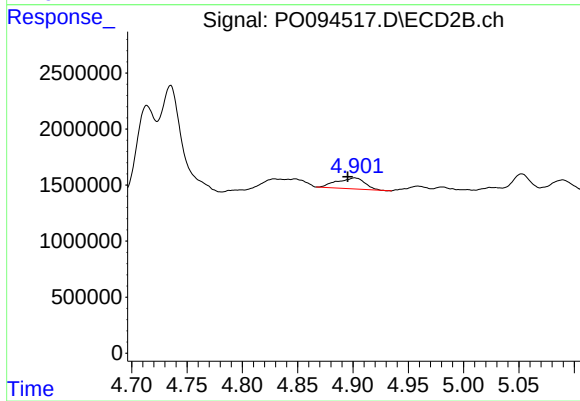
#17 AR-1242-2

R.T.: 4.714 min
Delta R.T.: -0.005 min
Response: 8743808
Conc: 183.06 ng/ml



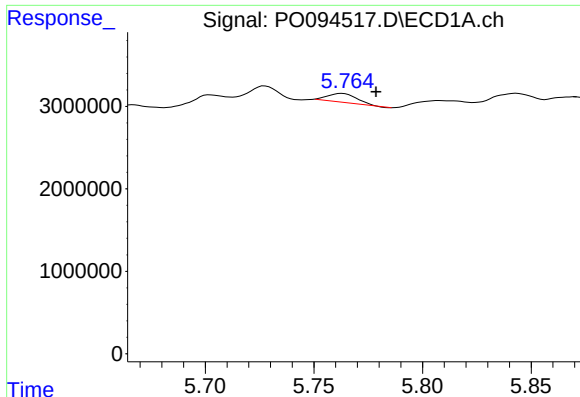
#18 AR-1242-3

R.T.: 5.667 min
Delta R.T.: -0.012 min
Response: 783214
Conc: 9.99 ng/ml



#18 AR-1242-3

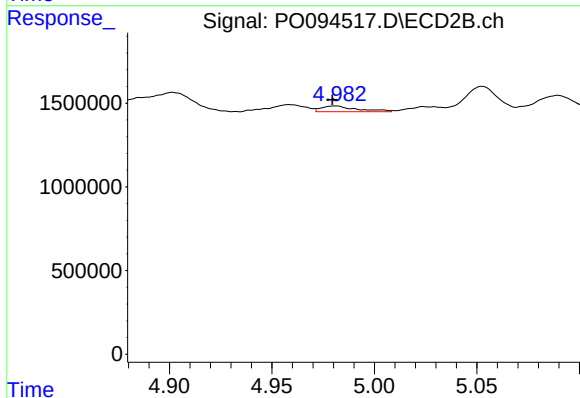
R.T.: 4.902 min
Delta R.T.: 0.006 min
Response: 1703152
Conc: 67.30 ng/ml



#19 AR-1242-4

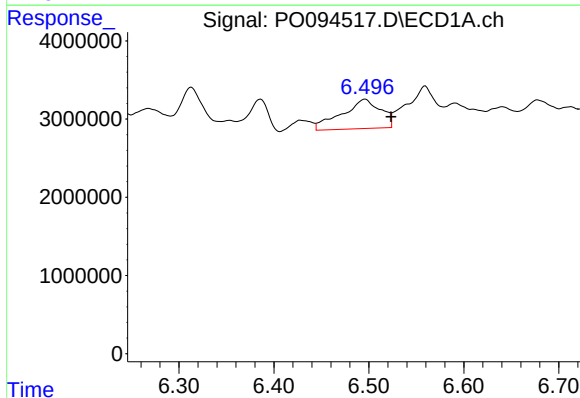
R.T.: 5.763 min
Delta R.T.: -0.016 min
Response: 982859
Conc: 16.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



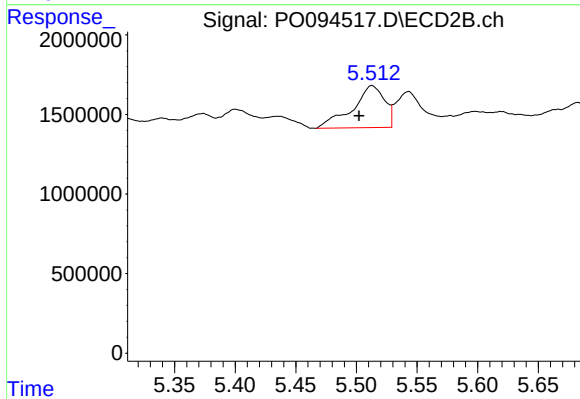
#19 AR-1242-4

R.T.: 4.981 min
Delta R.T.: 0.001 min
Response: 418009
Conc: 14.39 ng/ml



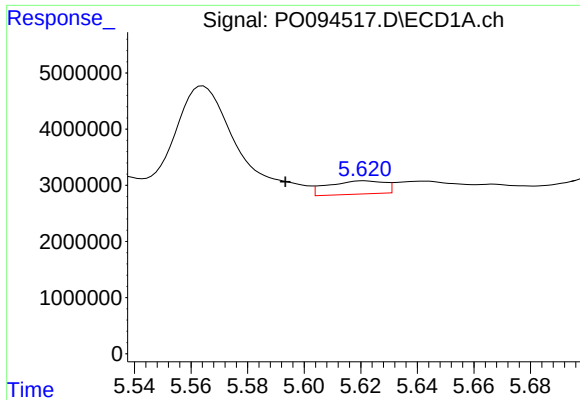
#20 AR-1242-5

R.T.: 6.496 min
Delta R.T.: -0.027 min
Response: 10682186
Conc: 178.66 ng/ml



#20 AR-1242-5

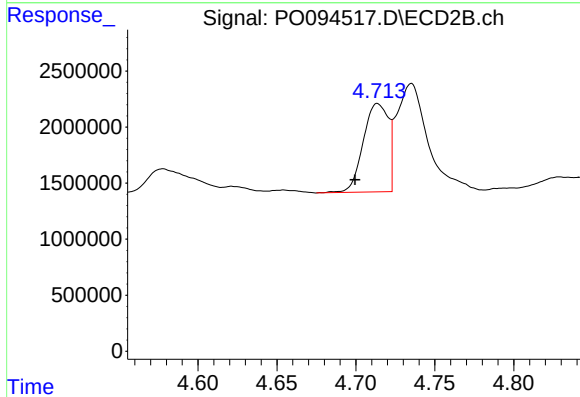
R.T.: 5.513 min
Delta R.T.: 0.011 min
Response: 4884776
Conc: 166.13 ng/ml



#21 AR-1248-1

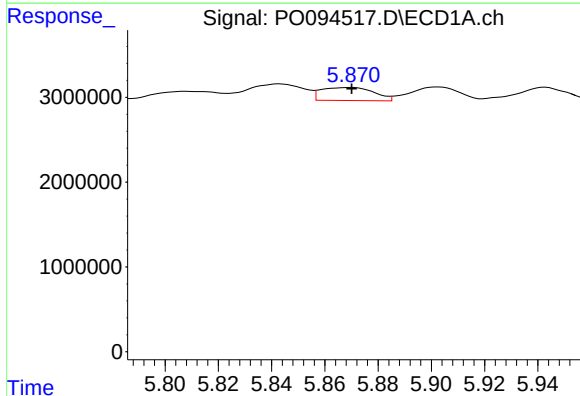
R.T.: 5.621 min
Delta R.T.: 0.028 min
Response: 3303821
Conc: 54.79 ng/ml

Instrument :
ECD_O
ClientSampleId :



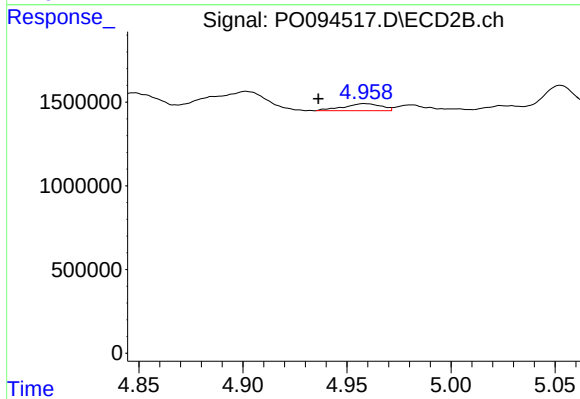
#21 AR-1248-1

R.T.: 4.714 min
Delta R.T.: 0.014 min
Response: 8743808
Conc: 354.83 ng/ml



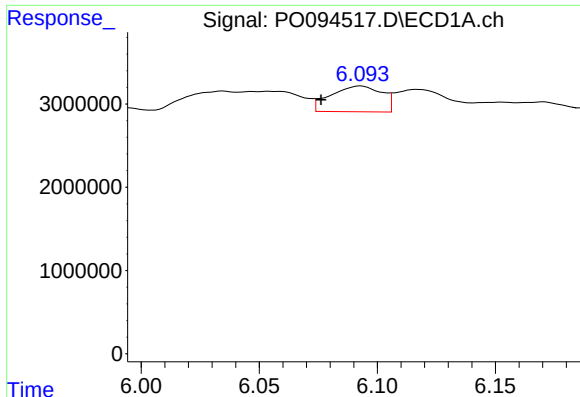
#22 AR-1248-2

R.T.: 5.870 min
Delta R.T.: 0.000 min
Response: 2129366
Conc: 20.63 ng/ml



#22 AR-1248-2

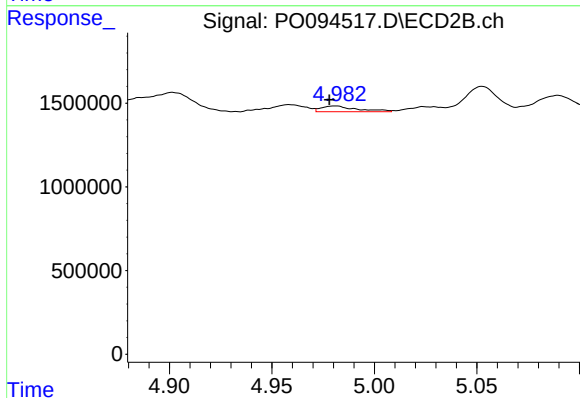
R.T.: 4.959 min
Delta R.T.: 0.022 min
Response: 533035
Conc: 12.99 ng/ml



#23 AR-1248-3

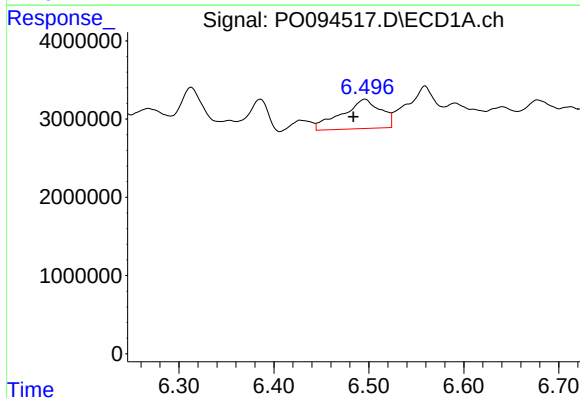
R.T.: 6.093 min
Delta R.T.: 0.017 min
Response: 4667105
Conc: 42.48 ng/ml

Instrument :
ECD_O
ClientSampleId :



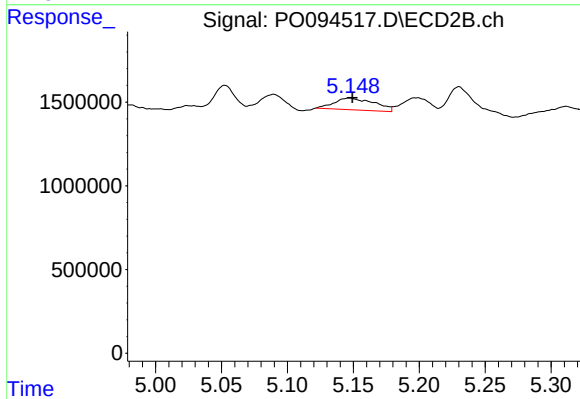
#23 AR-1248-3

R.T.: 4.981 min
Delta R.T.: 0.003 min
Response: 418009
Conc: 9.83 ng/ml



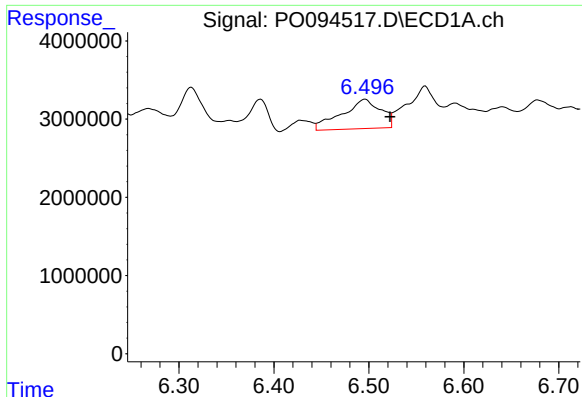
#24 AR-1248-4

R.T.: 6.496 min
Delta R.T.: 0.012 min
Response: 10682186
Conc: 109.07 ng/ml



#24 AR-1248-4

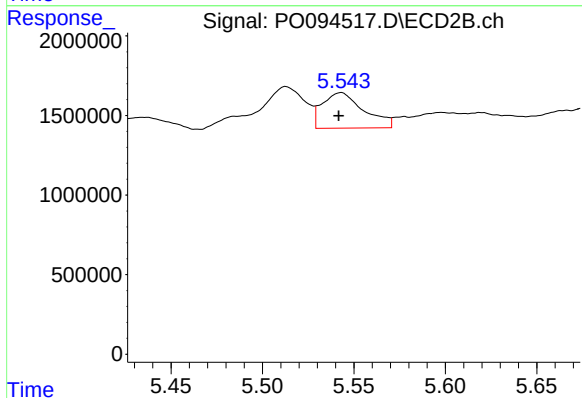
R.T.: 5.147 min
Delta R.T.: -0.002 min
Response: 1495123
Conc: 30.87 ng/ml



#25 AR-1248-5

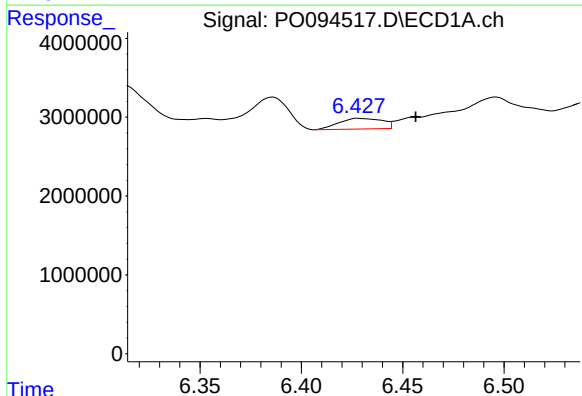
R.T.: 6.496 min
Delta R.T.: -0.026 min
Response: 10682186
Conc: 101.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



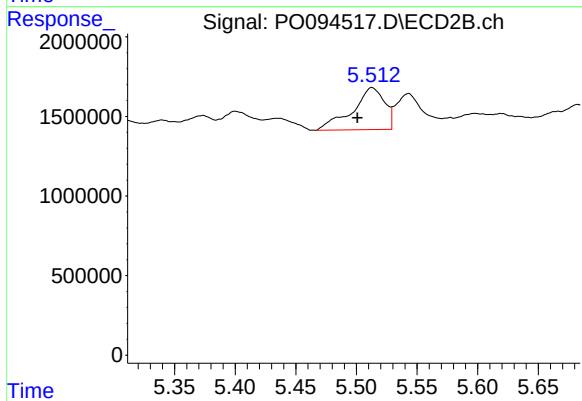
#25 AR-1248-5

R.T.: 5.543 min
Delta R.T.: 0.001 min
Response: 3526024
Conc: 92.00 ng/ml



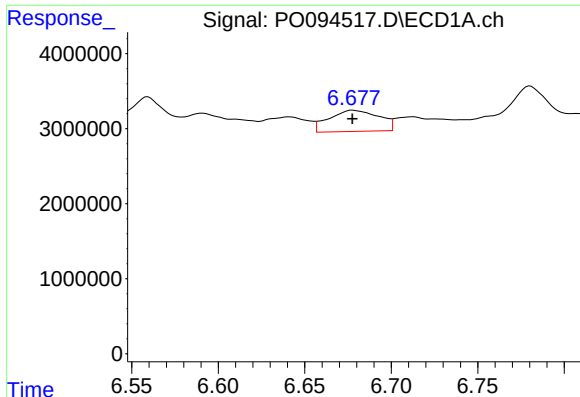
#26 AR-1254-1

R.T.: 6.428 min
Delta R.T.: -0.028 min
Response: 2009215
Conc: 16.25 ng/ml



#26 AR-1254-1

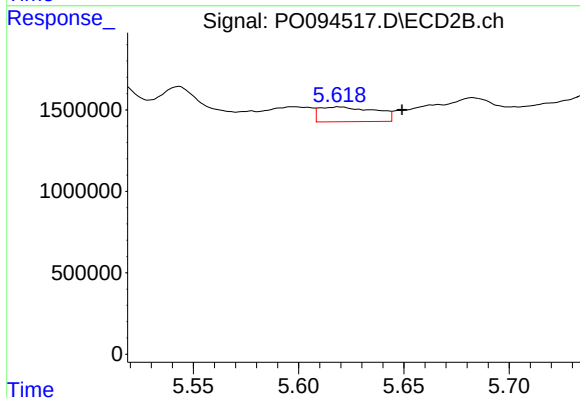
R.T.: 5.513 min
Delta R.T.: 0.012 min
Response: 4884776
Conc: 69.89 ng/ml



#27 AR-1254-2

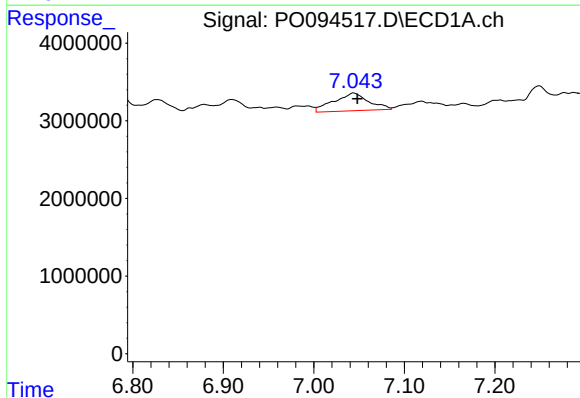
R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 5654074
Conc: 31.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



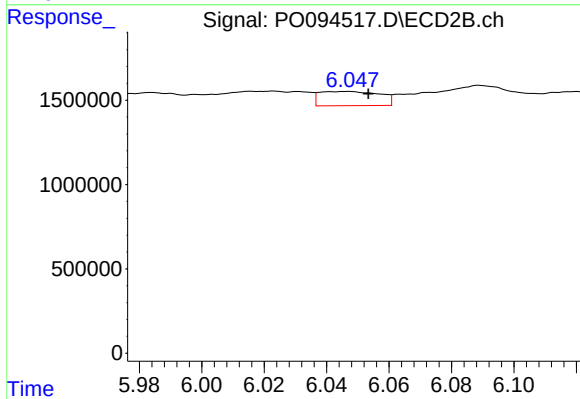
#27 AR-1254-2

R.T.: 5.619 min
Delta R.T.: -0.030 min
Response: 1682690
Conc: 26.87 ng/ml



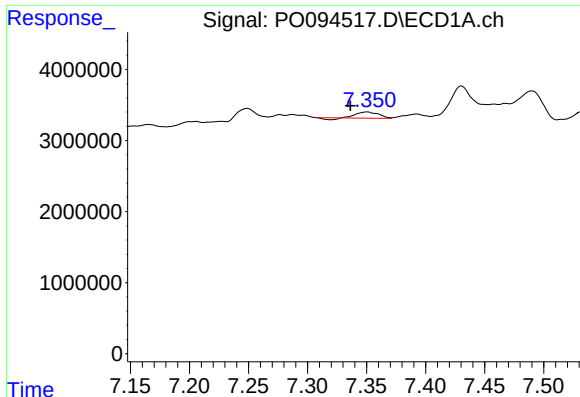
#28 AR-1254-3

R.T.: 7.044 min
Delta R.T.: -0.004 min
Response: 6124167
Conc: 35.90 ng/ml



#28 AR-1254-3

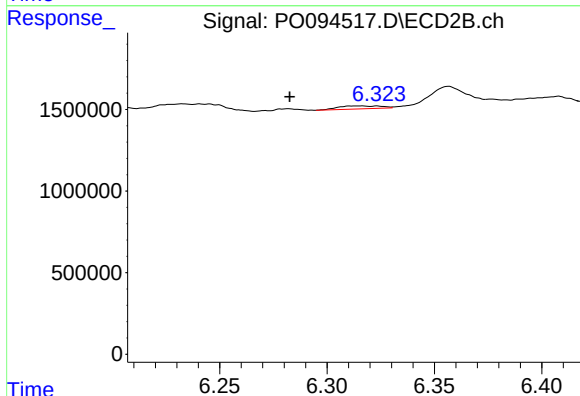
R.T.: 6.047 min
Delta R.T.: -0.007 min
Response: 1131305
Conc: 12.24 ng/ml



#29 AR-1254-4

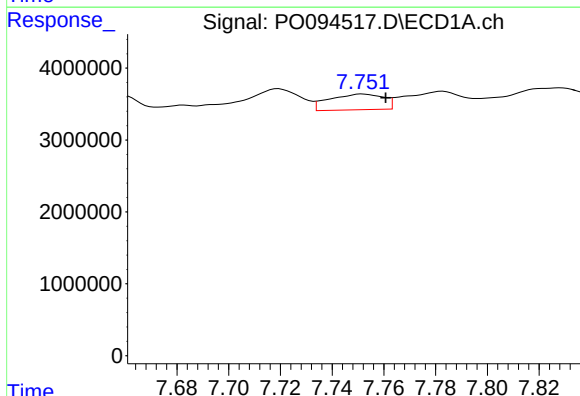
R.T.: 7.351 min
Delta R.T.: 0.014 min
Response: 1067112
Conc: 11.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



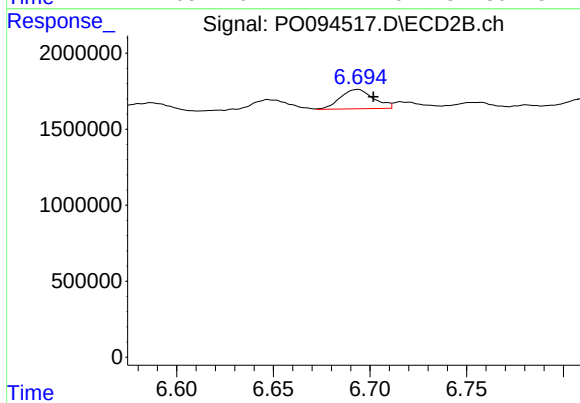
#29 AR-1254-4

R.T.: 6.323 min
Delta R.T.: 0.041 min
Response: 251972
Conc: 5.95 ng/ml



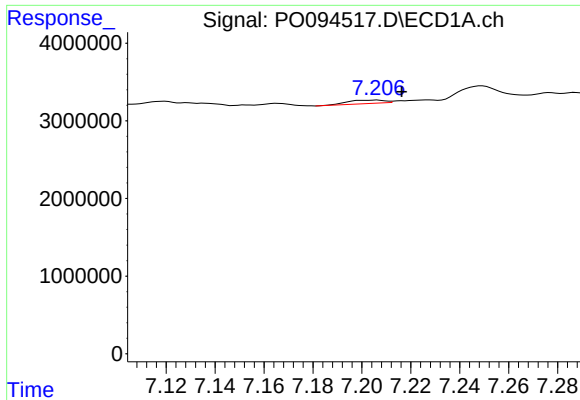
#30 AR-1254-5

R.T.: 7.752 min
Delta R.T.: -0.009 min
Response: 3179367
Conc: 26.63 ng/ml



#30 AR-1254-5

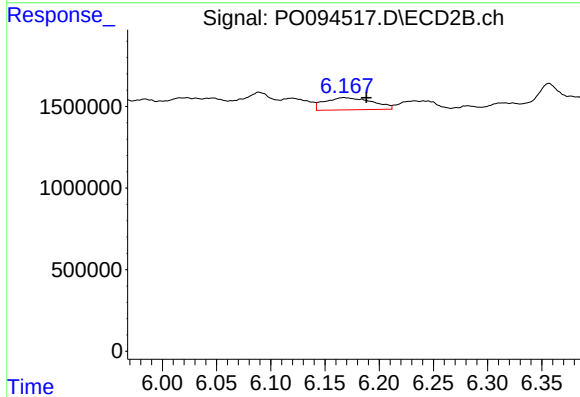
R.T.: 6.693 min
Delta R.T.: -0.008 min
Response: 1529689
Conc: 20.41 ng/ml



#31 AR-1260-1

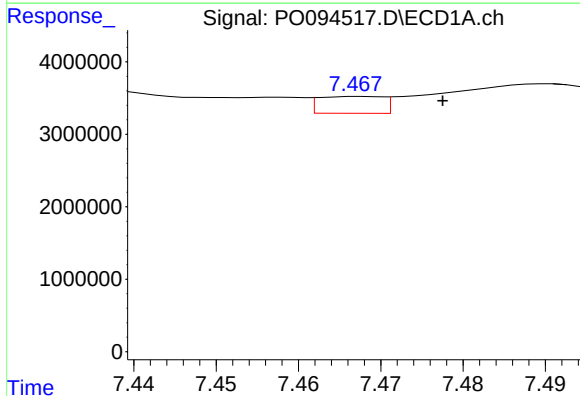
R.T.: 7.206 min
Delta R.T.: -0.010 min
Response: 456176
Conc: 3.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



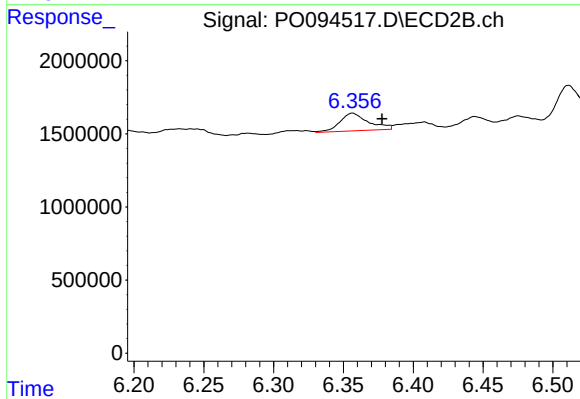
#31 AR-1260-1

R.T.: 6.167 min
Delta R.T.: -0.021 min
Response: 2292595
Conc: 34.15 ng/ml



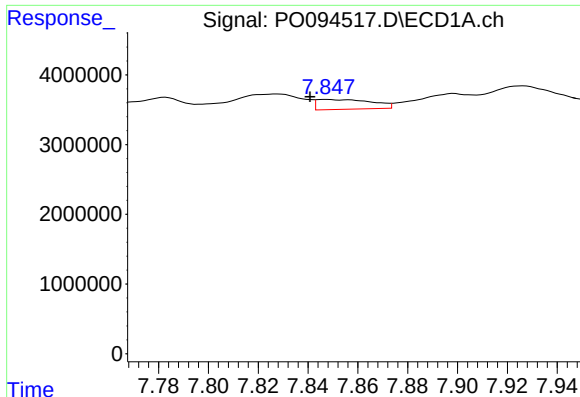
#32 AR-1260-2

R.T.: 7.468 min
Delta R.T.: -0.010 min
Response: 1261462
Conc: 9.01 ng/ml



#32 AR-1260-2

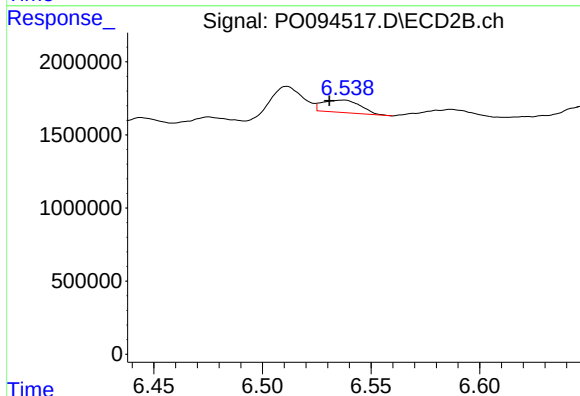
R.T.: 6.357 min
Delta R.T.: -0.021 min
Response: 1727930
Conc: 23.25 ng/ml



#33 AR-1260-3

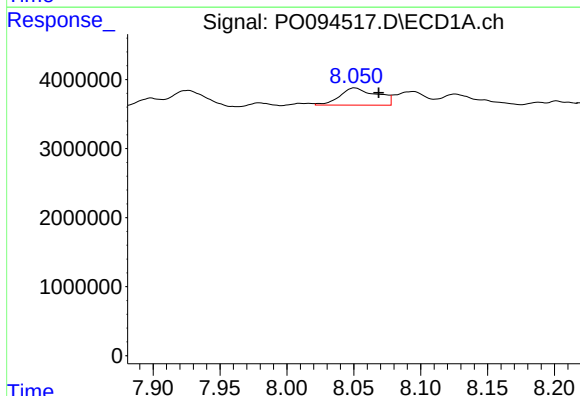
R.T.: 7.848 min
Delta R.T.: 0.007 min
Response: 2182730
Conc: 19.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



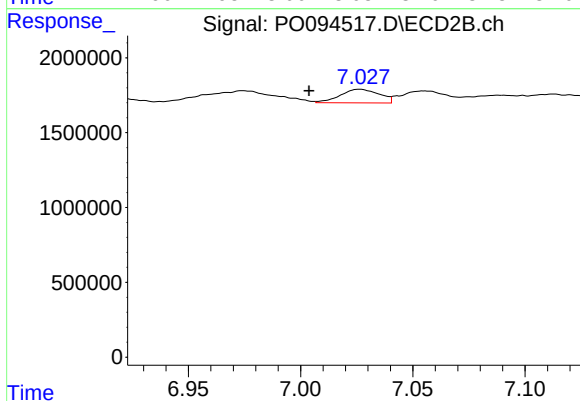
#33 AR-1260-3

R.T.: 6.537 min
Delta R.T.: 0.006 min
Response: 1026701
Conc: 14.38 ng/ml



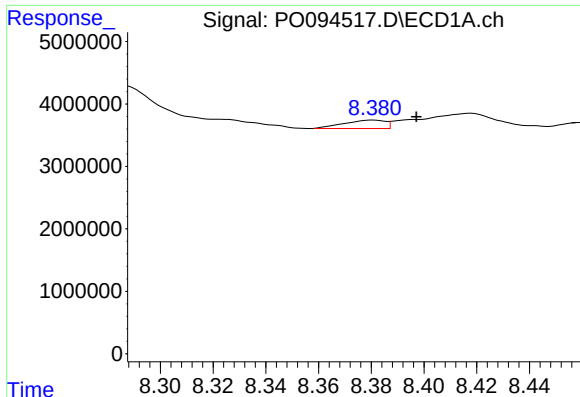
#34 AR-1260-4

R.T.: 8.051 min
Delta R.T.: -0.018 min
Response: 4788037
Conc: 40.00 ng/ml



#34 AR-1260-4

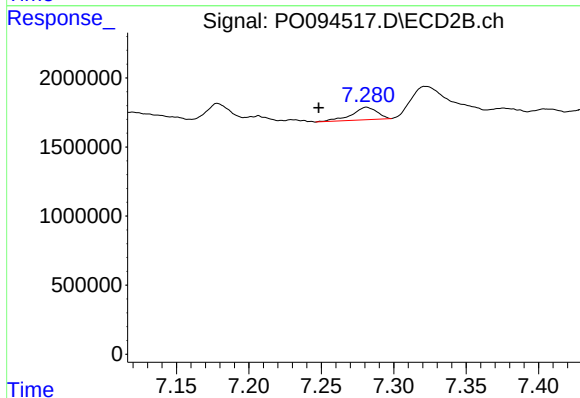
R.T.: 7.026 min
Delta R.T.: 0.023 min
Response: 1105479
Conc: 18.80 ng/ml



#35 AR-1260-5

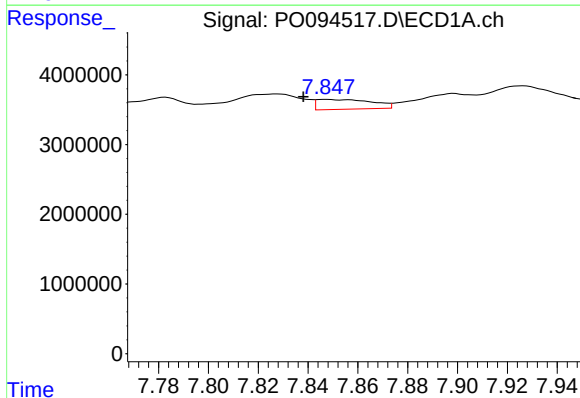
R.T.: 8.381 min
Delta R.T.: -0.016 min
Response: 1446640
Conc: 7.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



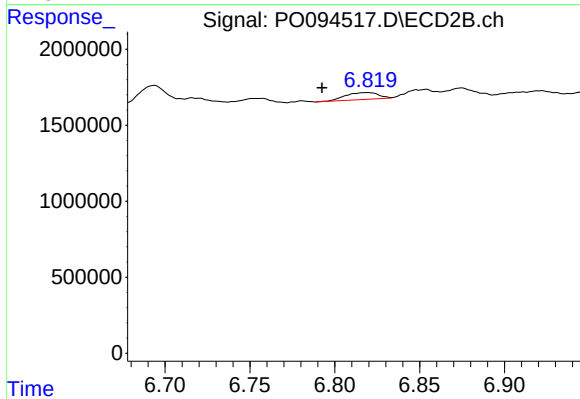
#35 AR-1260-5

R.T.: 7.281 min
Delta R.T.: 0.033 min
Response: 1099377
Conc: 9.67 ng/ml



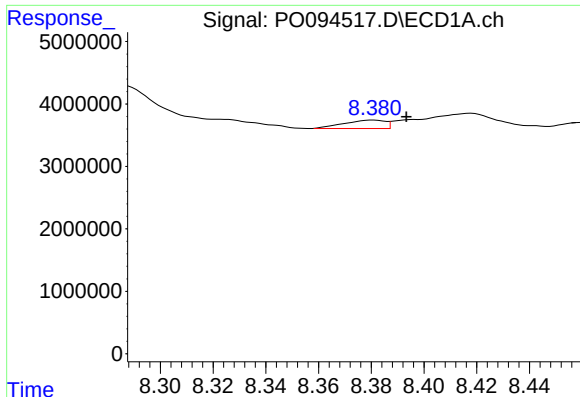
#36 AR-1262-1

R.T.: 7.848 min
Delta R.T.: 0.009 min
Response: 2182730
Conc: 13.59 ng/ml



#36 AR-1262-1

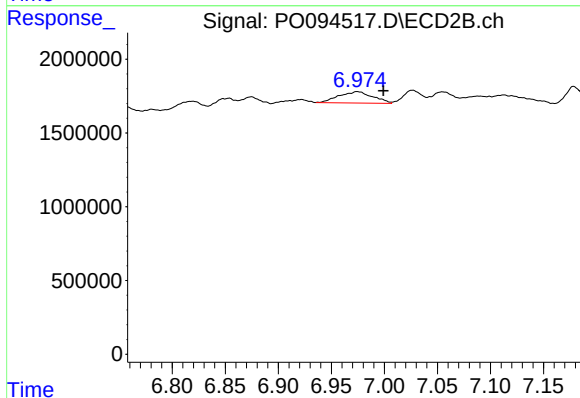
R.T.: 6.819 min
Delta R.T.: 0.026 min
Response: 614860
Conc: 16.86 ng/ml



#37 AR-1262-2

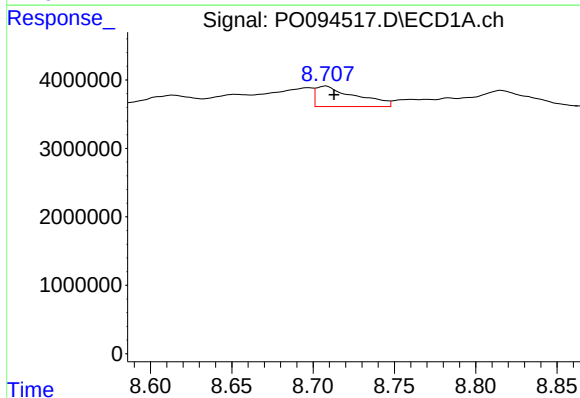
R.T.: 8.381 min
Delta R.T.: -0.013 min
Response: 1446640
Conc: 6.62 ng/ml

Instrument :
ECD_O
ClientSampleId :



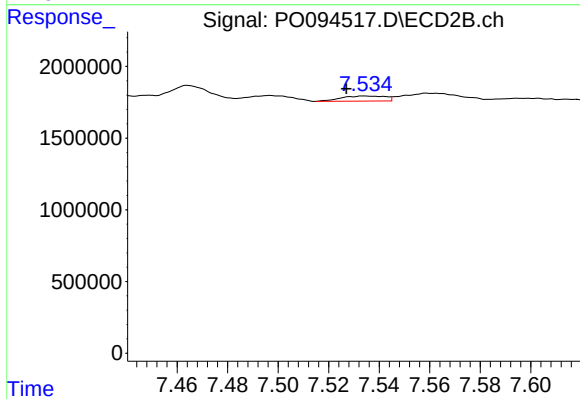
#37 AR-1262-2

R.T.: 6.974 min
Delta R.T.: -0.025 min
Response: 1717778
Conc: 23.41 ng/ml



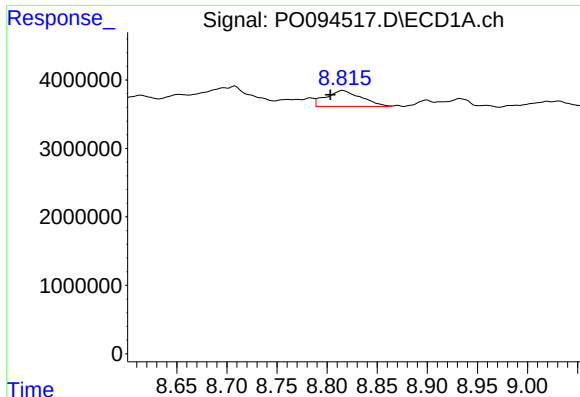
#38 AR-1262-3

R.T.: 8.708 min
Delta R.T.: -0.005 min
Response: 5080750
Conc: 32.41 ng/ml



#38 AR-1262-3

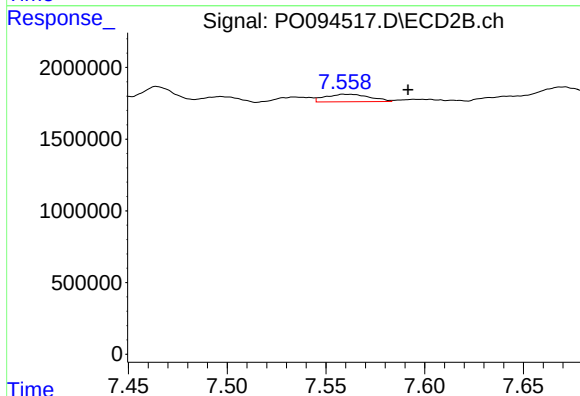
R.T.: 7.535 min
Delta R.T.: 0.007 min
Response: 431319
Conc: 8.04 ng/ml



#39 AR-1262-4

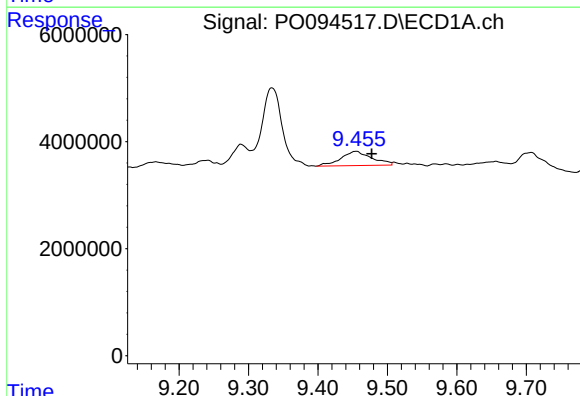
R.T.: 8.816 min
Delta R.T.: 0.012 min
Response: 5764295
Conc: 62.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



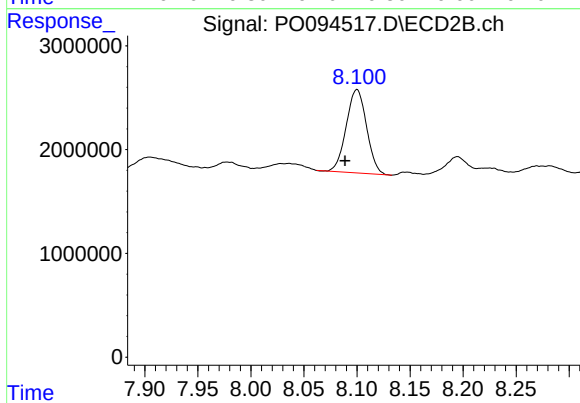
#39 AR-1262-4

R.T.: 7.560 min
Delta R.T.: -0.032 min
Response: 822005
Conc: 8.80 ng/ml



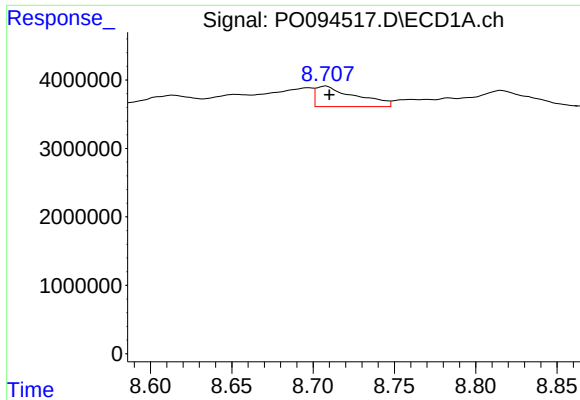
#40 AR-1262-5

R.T.: 9.455 min
Delta R.T.: -0.022 min
Response: 8302801
Conc: 113.55 ng/ml



#40 AR-1262-5

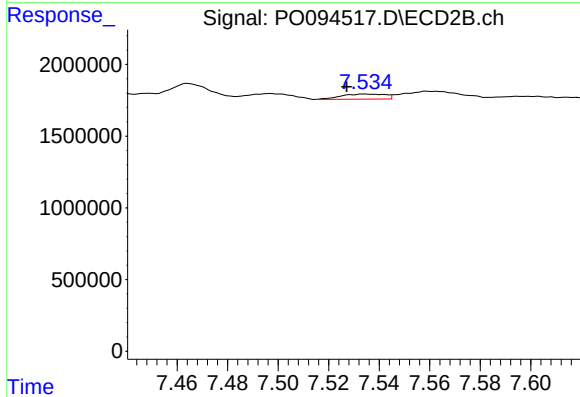
R.T.: 8.100 min
Delta R.T.: 0.011 min
Response: 10711366
Conc: 284.15 ng/ml



#41 AR-1268-1

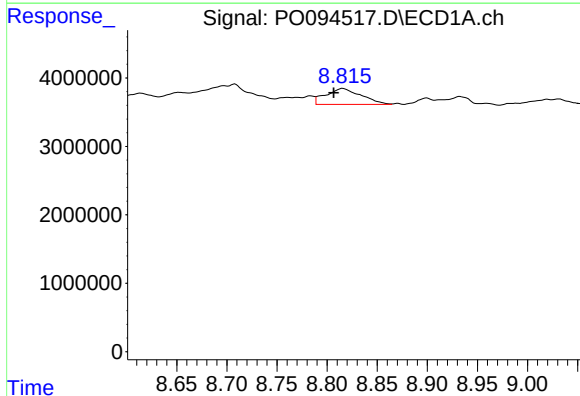
R.T.: 8.708 min
Delta R.T.: -0.002 min
Response: 5080750
Conc: 16.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



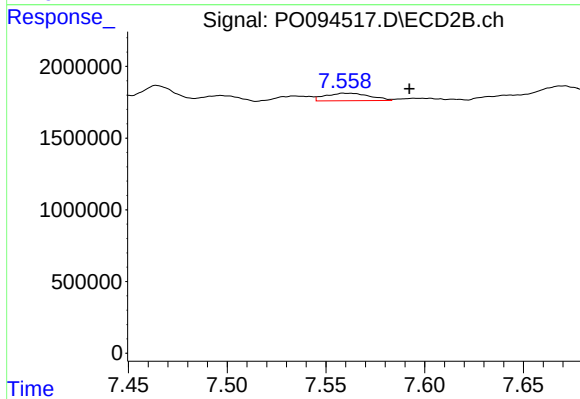
#41 AR-1268-1

R.T.: 7.535 min
Delta R.T.: 0.007 min
Response: 431319
Conc: 2.59 ng/ml



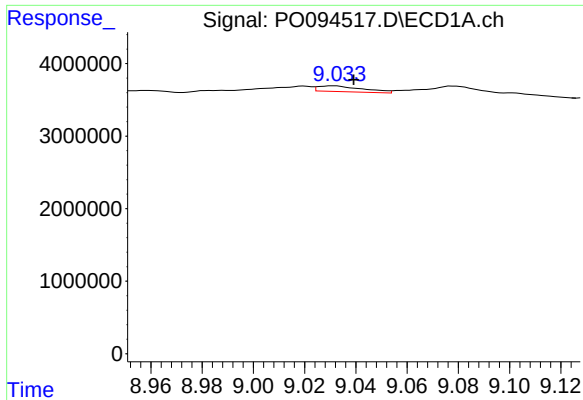
#42 AR-1268-2

R.T.: 8.816 min
Delta R.T.: 0.009 min
Response: 5764295
Conc: 20.43 ng/ml



#42 AR-1268-2

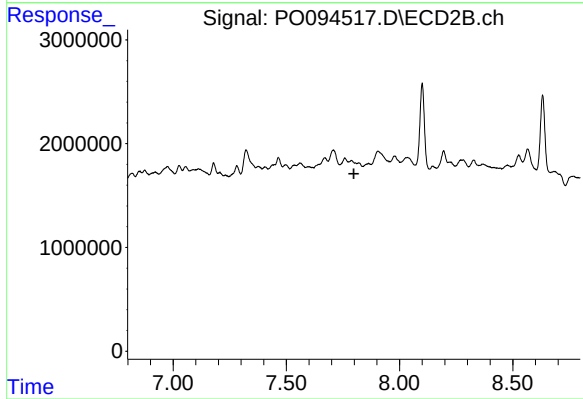
R.T.: 7.560 min
Delta R.T.: -0.032 min
Response: 822005
Conc: 5.34 ng/ml



#43 AR-1268-3

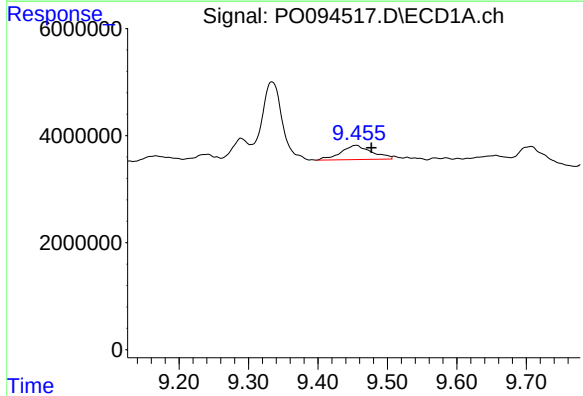
R.T.: 9.032 min
Delta R.T.: -0.008 min
Response: 959546
Conc: 3.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



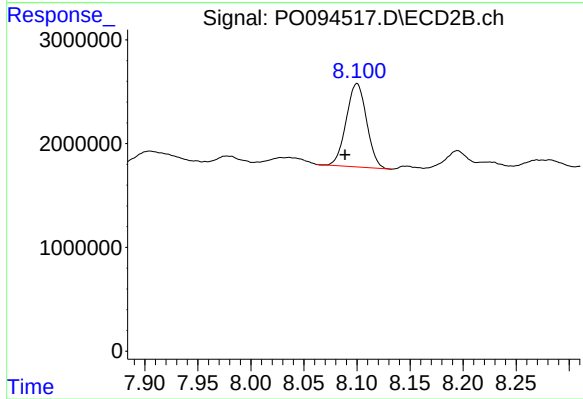
#43 AR-1268-3

R.T.: 7.758 min
Delta R.T.: -0.040 min
Response: -495197
Conc: N.D.



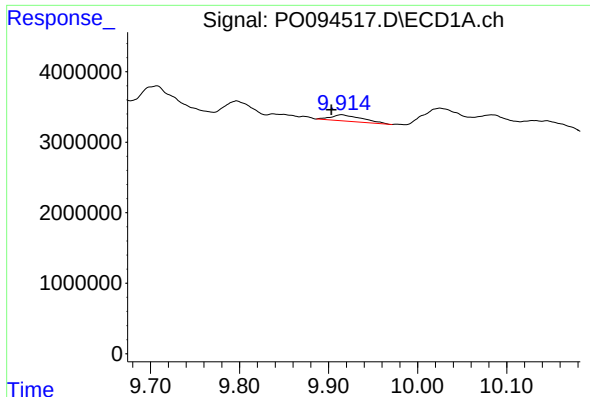
#44 AR-1268-4

R.T.: 9.455 min
Delta R.T.: -0.021 min
Response: 8302801
Conc: 98.42 ng/ml



#44 AR-1268-4

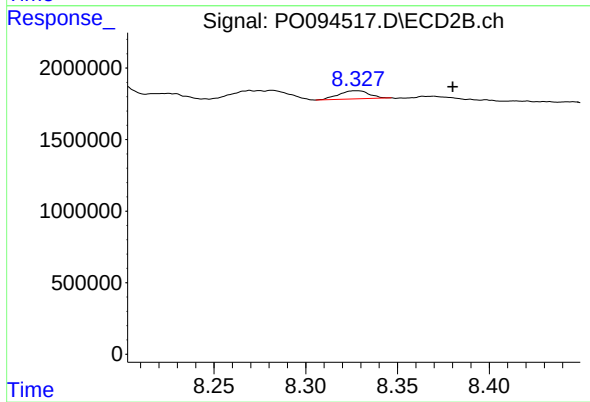
R.T.: 8.100 min
Delta R.T.: 0.011 min
Response: 10711366
Conc: 236.34 ng/ml



#45 AR-1268-5

R.T.: 9.915 min
Delta R.T.: 0.012 min
Response: 2157403
Conc: 2.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.328 min
Delta R.T.: -0.052 min
Response: 603692
Conc: 1.62 ng/ml