

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\P0031423\
 Data File : P0093111.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Mar 2023 16:44
 Operator : YP/AJ
 Sample : AR1242CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 14 21:42:24 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0031323.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Mar 14 05:32:59 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...	4.431	3.636	157.7E6	57981440	50.369	51.408
2)	SA Decachlor...	10.275	8.673	101.2E6	44832041	46.750	45.787
Target Compounds							
3)	L1 AR-1016-1	5.609	4.722	37172155	14897937	389.025	416.193
4)	L1 AR-1016-2	5.631	4.741	54888390	21492905	384.394	414.152
5)	L1 AR-1016-3	5.694	4.918	34942107	11537018	385.106	417.021
6)	L1 AR-1016-4	5.793	4.960	26818584	10083583	395.839	405.553
7)	L1 AR-1016-5	6.091	5.174	29992763	13365860	400.586	422.318
8)	L2 AR-1221-1	4.637	3.849	4862985	1769738	120.304	120.353
9)	L2 AR-1221-2	4.729	3.935	7025133	2651385	231.816	242.785
10)	L2 AR-1221-3	4.805	4.011	24739657	9930821	270.611	291.506
11)	L3 AR-1232-1	4.805	4.011	24739657	9930821	338.859	351.606
12)	L3 AR-1232-2	5.339	4.741	31138186	21492905	865.999	872.267
13)	L3 AR-1232-3	5.631	4.918	54888390	11537018	838.441	911.890
14)	L3 AR-1232-4	5.793	5.002	26818584	12645528	875.941	987.342
15)	L3 AR-1232-5	5.886	5.174	25604156	13365860	922.718	953.062
16)	L4 AR-1242-1	5.609	4.722	37172155	14897937	453.522	490.278
17)	L4 AR-1242-2	5.631	4.741	54888390	21492905	457.315	484.098
18)	L4 AR-1242-3	5.694	4.918	34942107	11537018	455.282	493.464
19)	L4 AR-1242-4	5.793	5.002	26818584	12645528	467.961	485.431
20)	L4 AR-1242-5	6.538	5.526	31071157	14834563	497.218	519.288
21)	L5 AR-1248-1	5.609	4.722	37172155	14897937	597.970	640.175
22)	L5 AR-1248-2	5.886	4.960	25604156	10083583	268.079	278.240
23)	L5 AR-1248-3	6.091	5.002	29992763	12645528	288.228	336.975
24)	L5 AR-1248-4	6.498	5.174	27639216	13365860	271.422	310.679
25)	L5 AR-1248-5	6.538	5.568	31071157	12038215	303.550	327.326
26)	L6 AR-1254-1	6.471	5.526	20926674	14834563	179.074	236.356 #
27)	L6 AR-1254-2	6.697	5.675	24525716	4687745	143.536	83.187 #
28)	L6 AR-1254-3	7.063	6.081	10739572	5626073	64.604	65.348
29)	L6 AR-1254-4	7.352	6.310	7243349	4783951	67.950	104.611 #
30)	L6 AR-1254-5	7.775	6.731	5300375	1788452	39.144	24.217 #
31)	L7 AR-1260-1	7.231	6.225	899142	3563763	6.940	58.616 #
32)	L7 AR-1260-2	7.489	6.400	1316566	1246151	8.918	17.237 #
33)	L7 AR-1260-3	7.839	6.553	1192804	1122558	10.605	16.788 #
34)	L7 AR-1260-4	8.066	7.067f	2486663	449203	19.391	8.163 #
35)	L7 AR-1260-5	8.402	7.271	638176	192699	2.856	1.637 #
36)	L8 AR-1262-1	7.775	6.731	5300375	1788452	53.322	47.860
37)	L8 AR-1262-2	8.402	7.271	638176	192699	2.689	1.618 #
38)	L8 AR-1262-3	8.785f	7.684f	872136	416098	5.164	4.604
39)	L8 AR-1262-4	8.845	7.684f	108596	416098	1.213	4.604 #
40)	L8 AR-1262-5	9.491	0.000	515848	0	5.401	N.D. #
41)	L9 AR-1268-1	8.785f	0.000	872136	0	2.731	N.D. #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0031423\
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 Acq On : 14 Mar 2023 16:44
 Operator : YP/AJ
 Sample : AR1242CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

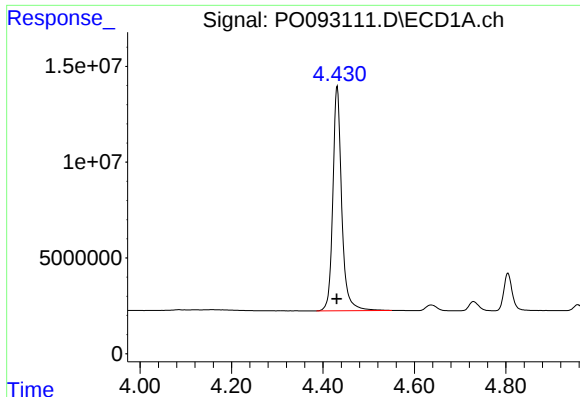
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 14 21:42:24 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0031323.M
 Quant Title : GC EXTRACTABLES
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 Response via : Initial Calibration
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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	8.845	7.684f	108596	416098	0.374	2.980 #
43) L9	AR-1268-3	9.066	0.000	198330	0	0.777	N.D. #
44) L9	AR-1268-4	9.491	0.000	515848	0	4.830	N.D. #

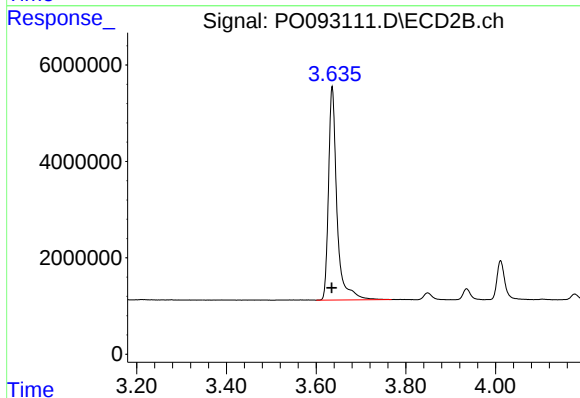
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

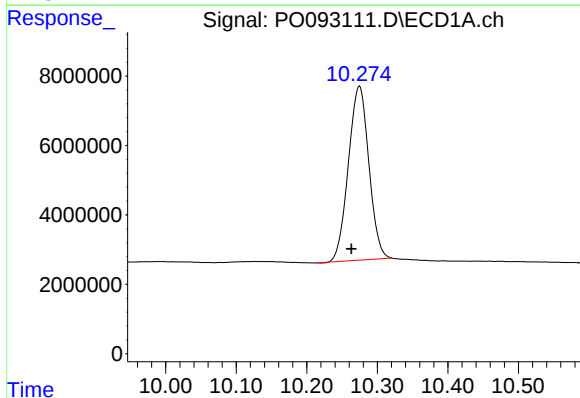
R.T.: 4.431 min
Delta R.T.: 0.001 min
Response: 157730157
Conc: 50.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



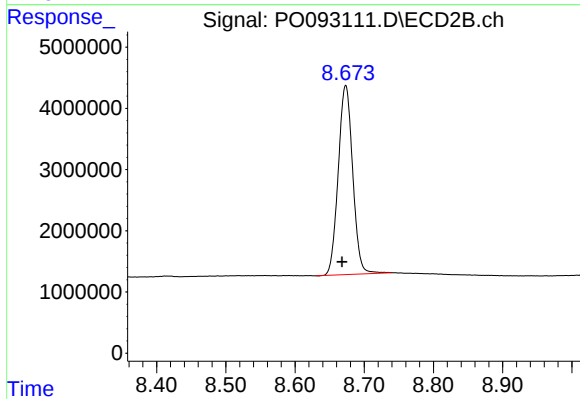
#1 Tetrachloro-m-xylene

R.T.: 3.636 min
Delta R.T.: 0.000 min
Response: 57981440
Conc: 51.41 ng/ml



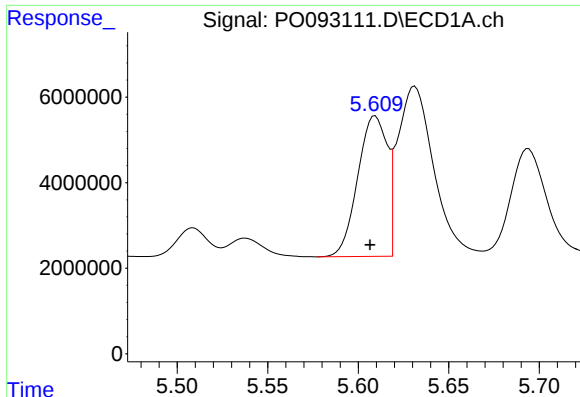
#2 Decachlorobiphenyl

R.T.: 10.275 min
Delta R.T.: 0.012 min
Response: 101180645
Conc: 46.75 ng/ml



#2 Decachlorobiphenyl

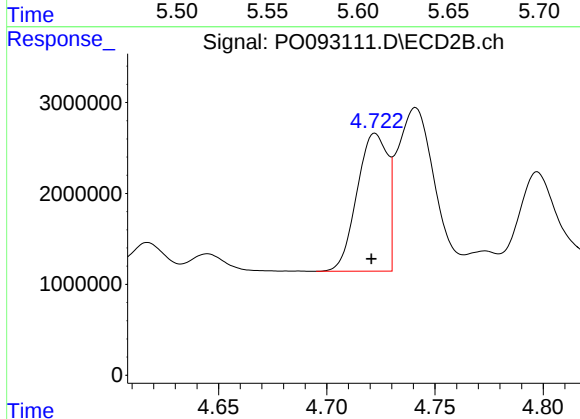
R.T.: 8.673 min
Delta R.T.: 0.005 min
Response: 44832041
Conc: 45.79 ng/ml



#3 AR-1016-1

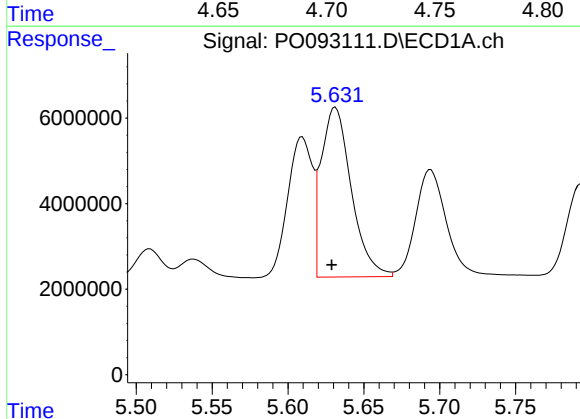
R.T.: 5.609 min
Delta R.T.: 0.003 min
Response: 37172155
Conc: 389.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



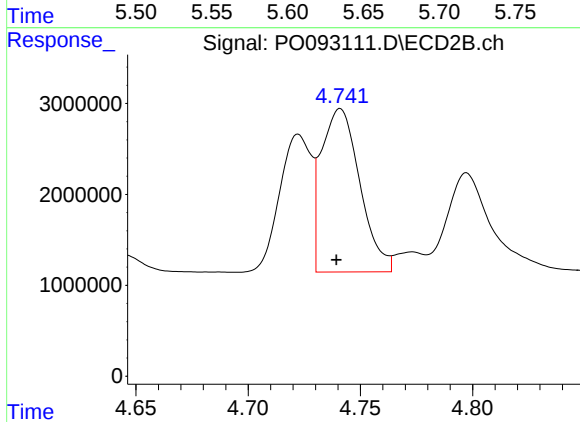
#3 AR-1016-1

R.T.: 4.722 min
Delta R.T.: 0.002 min
Response: 14897937
Conc: 416.19 ng/ml



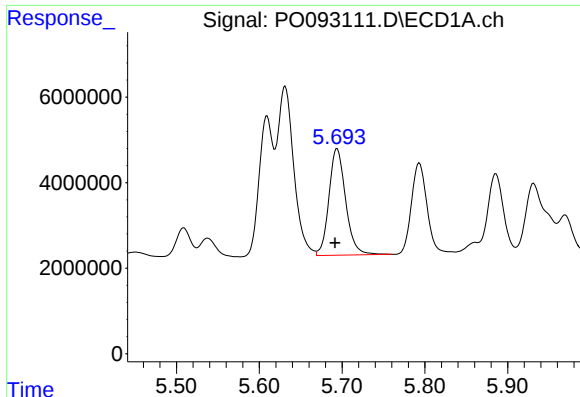
#4 AR-1016-2

R.T.: 5.631 min
Delta R.T.: 0.002 min
Response: 54888390
Conc: 384.39 ng/ml



#4 AR-1016-2

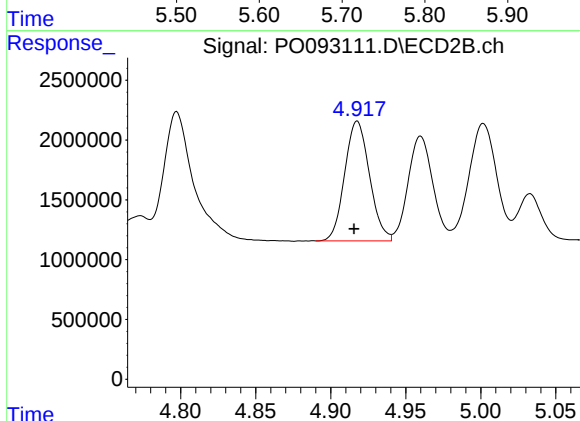
R.T.: 4.741 min
Delta R.T.: 0.002 min
Response: 21492905
Conc: 414.15 ng/ml



#5 AR-1016-3

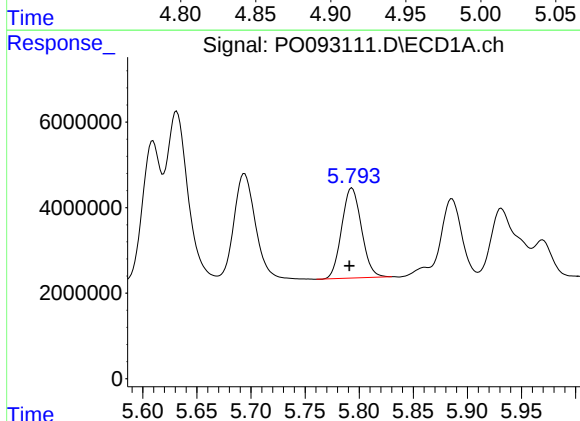
R.T.: 5.694 min
Delta R.T.: 0.003 min
Response: 34942107
Conc: 385.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



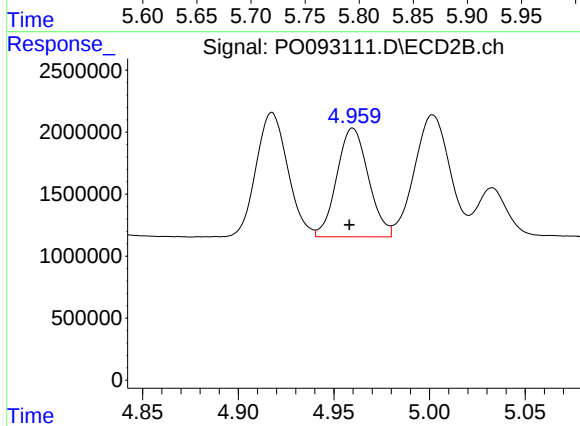
#5 AR-1016-3

R.T.: 4.918 min
Delta R.T.: 0.002 min
Response: 11537018
Conc: 417.02 ng/ml



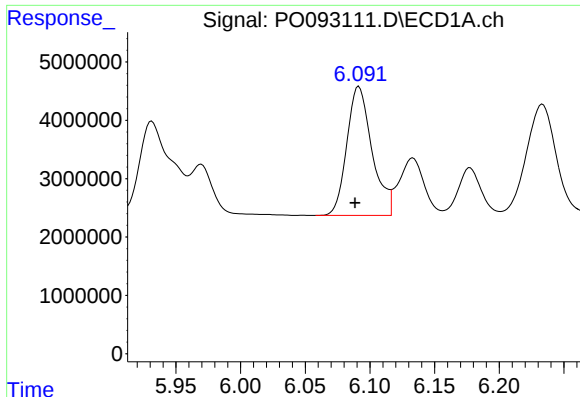
#6 AR-1016-4

R.T.: 5.793 min
Delta R.T.: 0.002 min
Response: 26818584
Conc: 395.84 ng/ml



#6 AR-1016-4

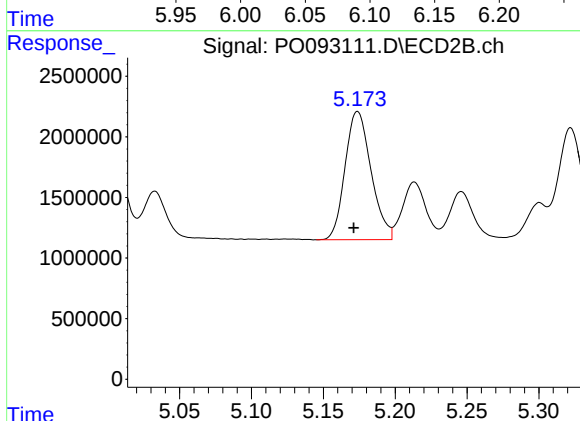
R.T.: 4.960 min
Delta R.T.: 0.002 min
Response: 10083583
Conc: 405.55 ng/ml



#7 AR-1016-5

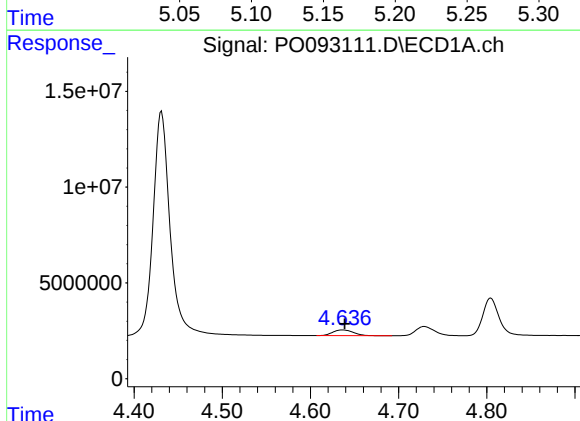
R.T.: 6.091 min
Delta R.T.: 0.003 min
Response: 29992763
Conc: 400.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



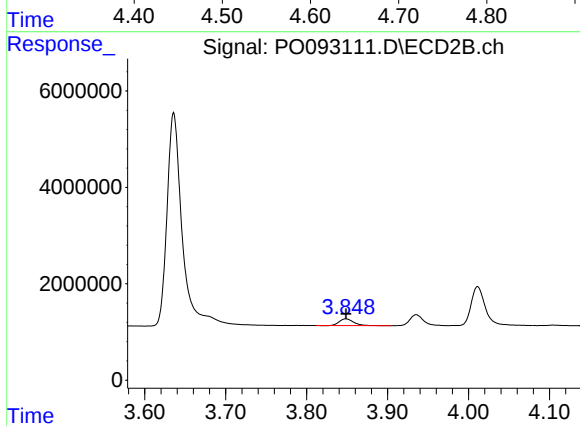
#7 AR-1016-5

R.T.: 5.174 min
Delta R.T.: 0.003 min
Response: 13365860
Conc: 422.32 ng/ml



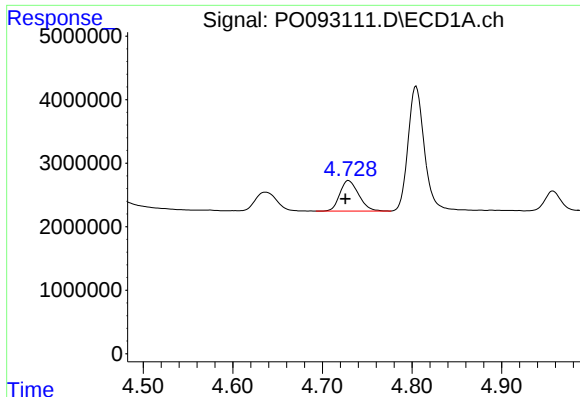
#8 AR-1221-1

R.T.: 4.637 min
Delta R.T.: -0.002 min
Response: 4862985
Conc: 120.30 ng/ml



#8 AR-1221-1

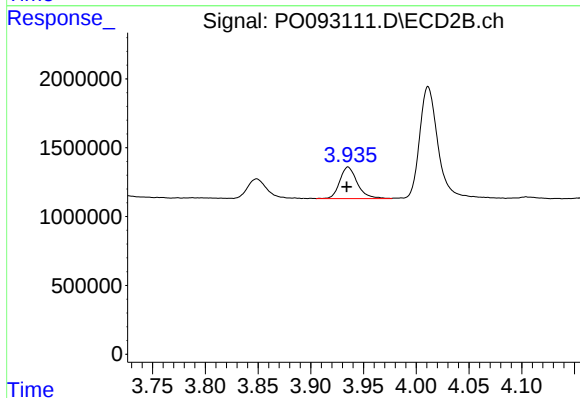
R.T.: 3.849 min
Delta R.T.: 0.000 min
Response: 1769738
Conc: 120.35 ng/ml



#9 AR-1221-2

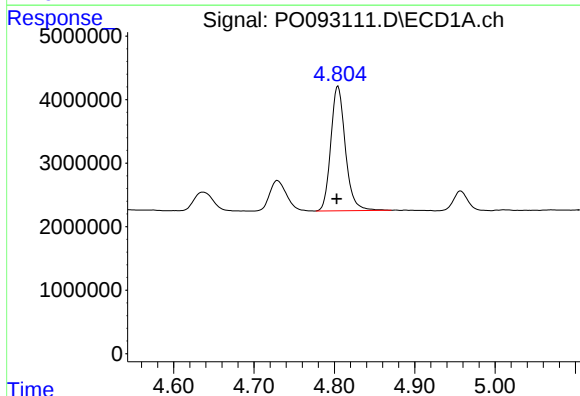
R.T.: 4.729 min
Delta R.T.: 0.003 min
Response: 7025133
Conc: 231.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



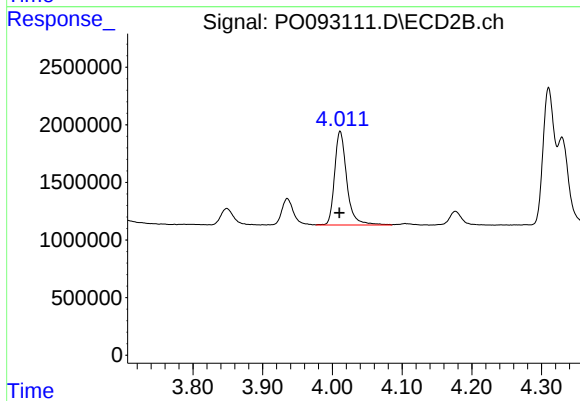
#9 AR-1221-2

R.T.: 3.935 min
Delta R.T.: 0.001 min
Response: 2651385
Conc: 242.79 ng/ml



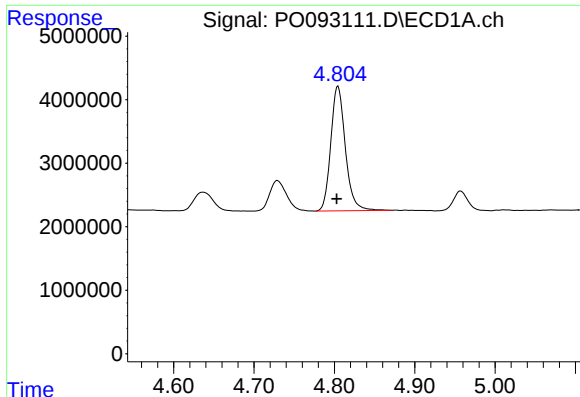
#10 AR-1221-3

R.T.: 4.805 min
Delta R.T.: 0.002 min
Response: 24739657
Conc: 270.61 ng/ml



#10 AR-1221-3

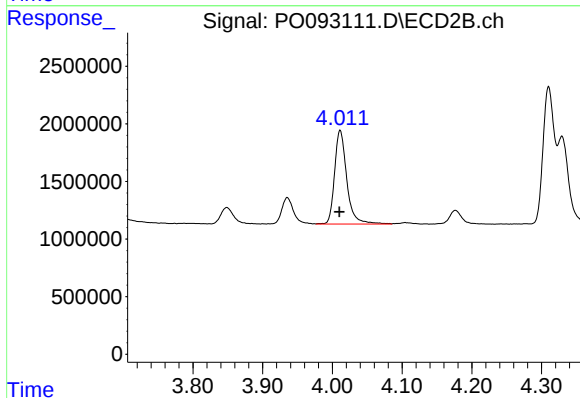
R.T.: 4.011 min
Delta R.T.: 0.001 min
Response: 9930821
Conc: 291.51 ng/ml



#11 AR-1232-1

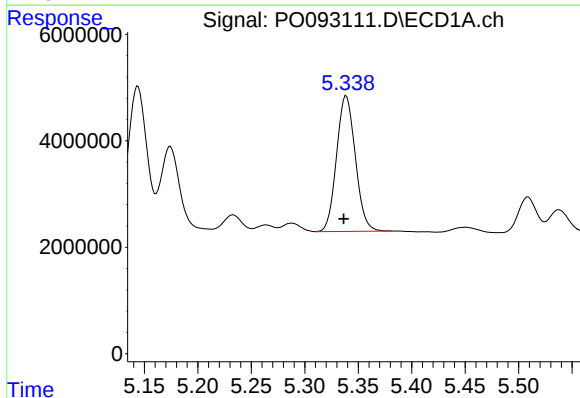
R.T.: 4.805 min
Delta R.T.: 0.002 min
Response: 24739657
Conc: 338.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



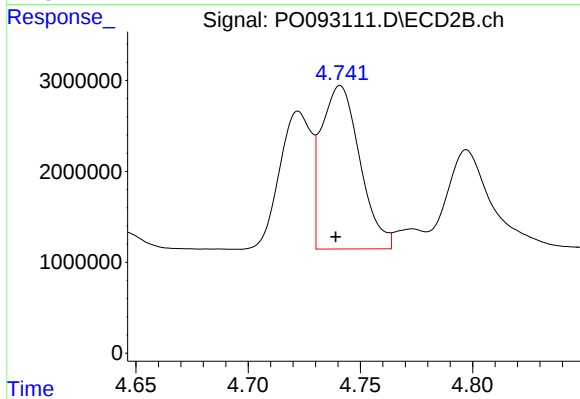
#11 AR-1232-1

R.T.: 4.011 min
Delta R.T.: 0.001 min
Response: 9930821
Conc: 351.61 ng/ml



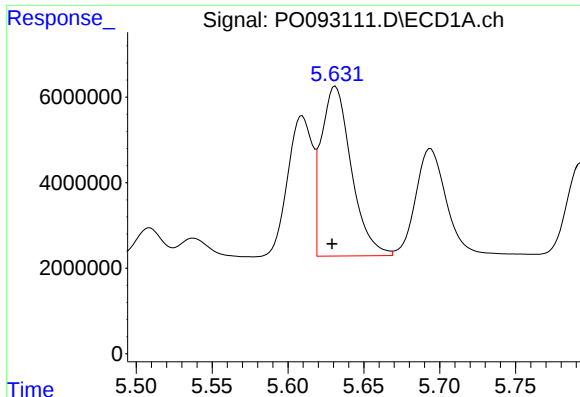
#12 AR-1232-2

R.T.: 5.339 min
Delta R.T.: 0.002 min
Response: 31138186
Conc: 866.00 ng/ml



#12 AR-1232-2

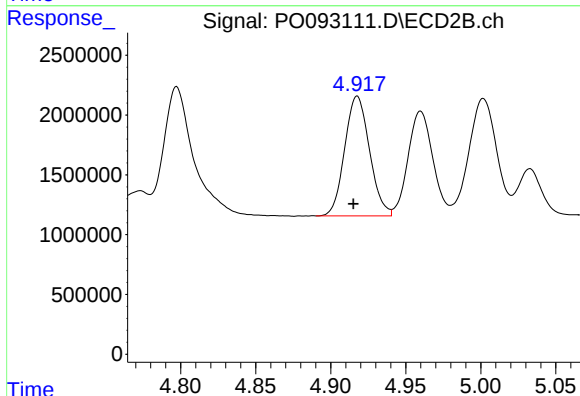
R.T.: 4.741 min
Delta R.T.: 0.002 min
Response: 21492905
Conc: 872.27 ng/ml



#13 AR-1232-3

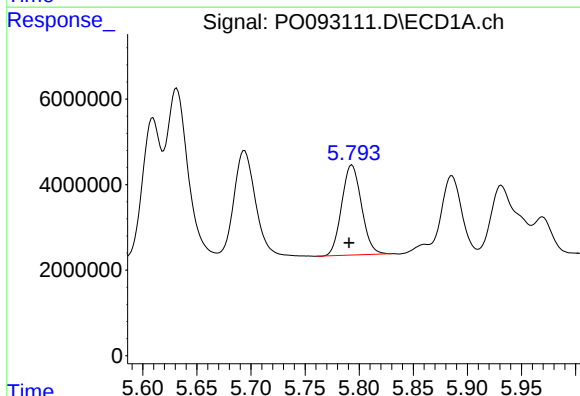
R.T.: 5.631 min
Delta R.T.: 0.002 min
Response: 54888390
Conc: 838.44 ng/ml

Instrument :
ECD_O
ClientSampleId :



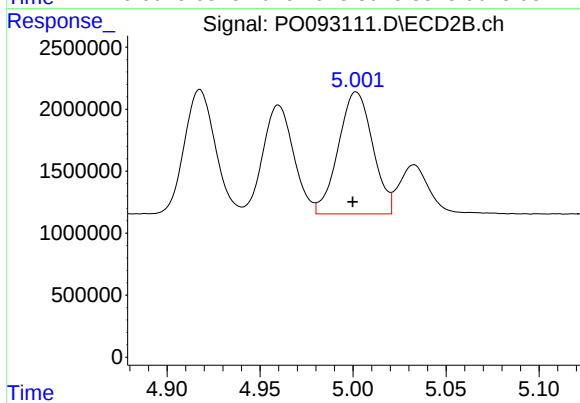
#13 AR-1232-3

R.T.: 4.918 min
Delta R.T.: 0.003 min
Response: 11537018
Conc: 911.89 ng/ml



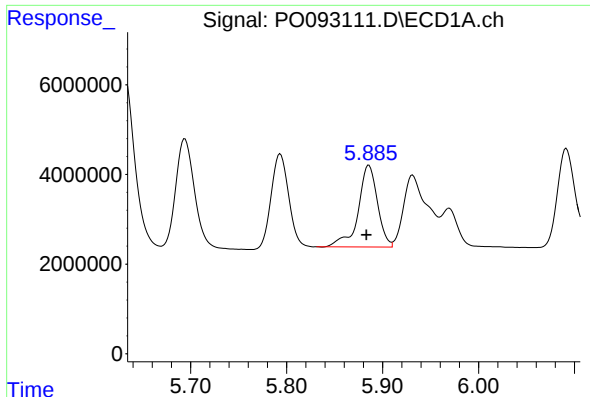
#14 AR-1232-4

R.T.: 5.793 min
Delta R.T.: 0.003 min
Response: 26818584
Conc: 875.94 ng/ml



#14 AR-1232-4

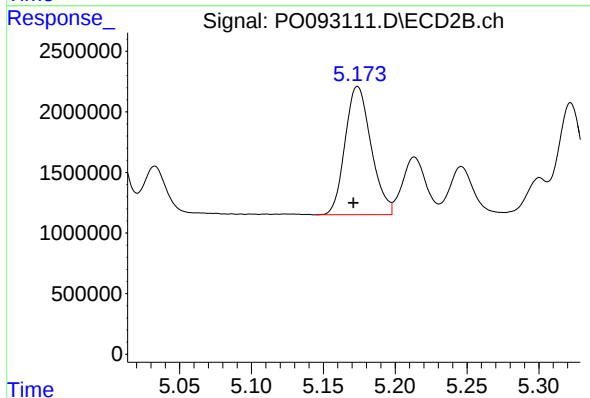
R.T.: 5.002 min
Delta R.T.: 0.002 min
Response: 12645528
Conc: 987.34 ng/ml



#15 AR-1232-5

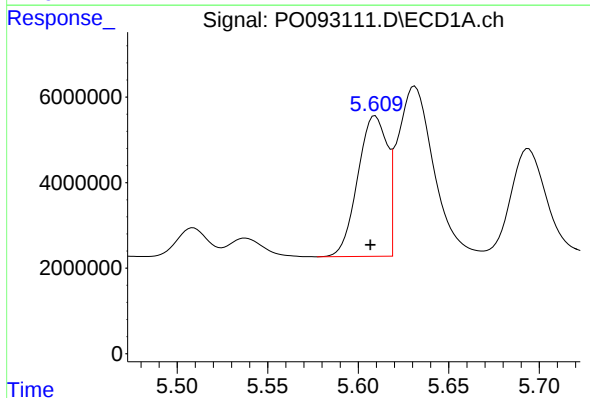
R.T.: 5.886 min
Delta R.T.: 0.003 min
Response: 25604156
Conc: 922.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



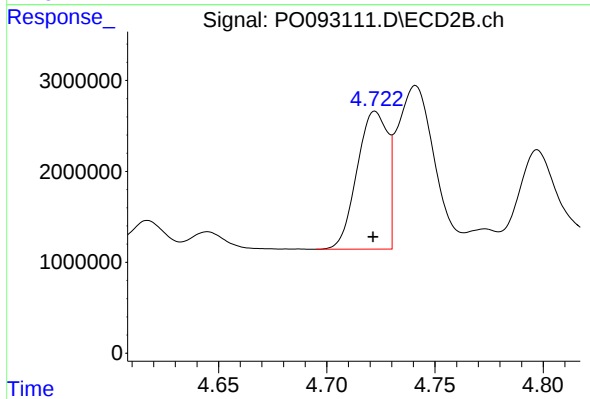
#15 AR-1232-5

R.T.: 5.174 min
Delta R.T.: 0.003 min
Response: 13365860
Conc: 953.06 ng/ml



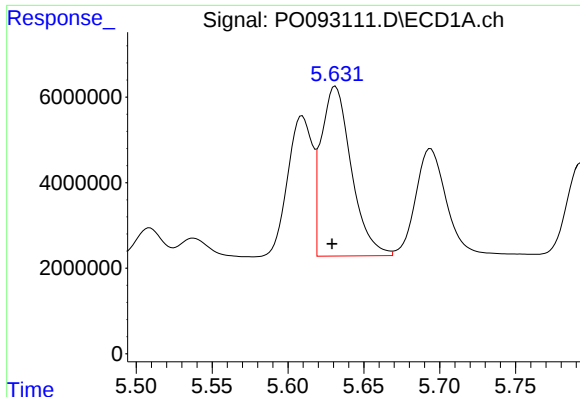
#16 AR-1242-1

R.T.: 5.609 min
Delta R.T.: 0.003 min
Response: 37172155
Conc: 453.52 ng/ml



#16 AR-1242-1

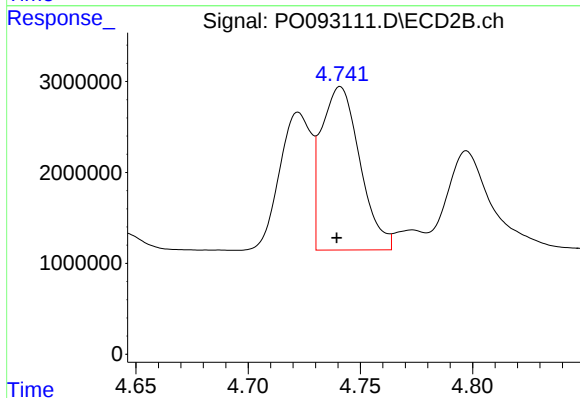
R.T.: 4.722 min
Delta R.T.: 0.000 min
Response: 14897937
Conc: 490.28 ng/ml



#17 AR-1242-2

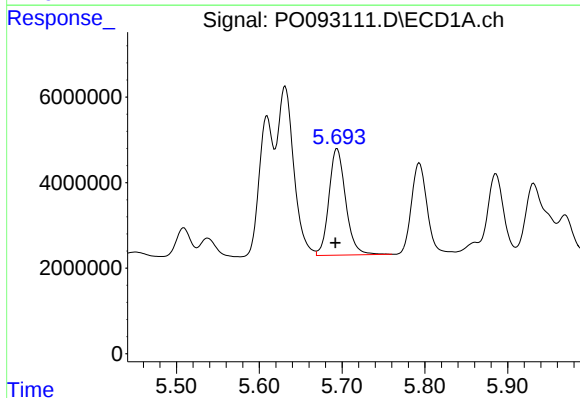
R.T.: 5.631 min
Delta R.T.: 0.002 min
Response: 54888390
Conc: 457.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



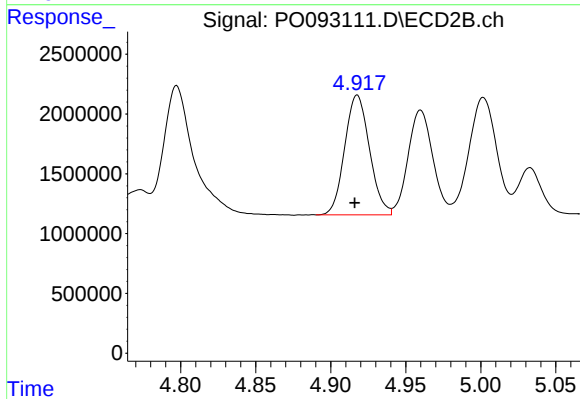
#17 AR-1242-2

R.T.: 4.741 min
Delta R.T.: 0.002 min
Response: 21492905
Conc: 484.10 ng/ml



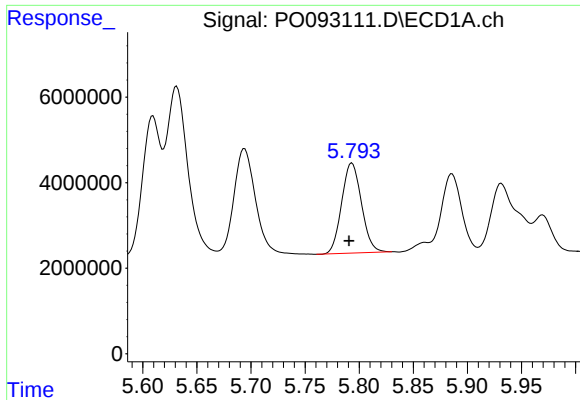
#18 AR-1242-3

R.T.: 5.694 min
Delta R.T.: 0.002 min
Response: 34942107
Conc: 455.28 ng/ml



#18 AR-1242-3

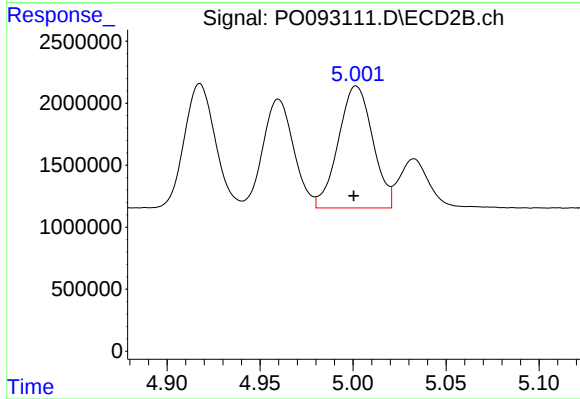
R.T.: 4.918 min
Delta R.T.: 0.002 min
Response: 11537018
Conc: 493.46 ng/ml



#19 AR-1242-4

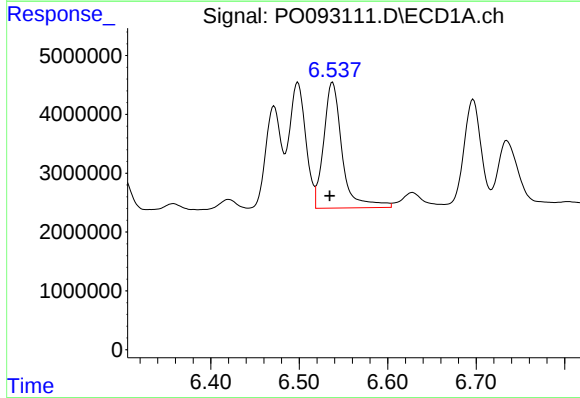
R.T.: 5.793 min
Delta R.T.: 0.003 min
Response: 26818584
Conc: 467.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



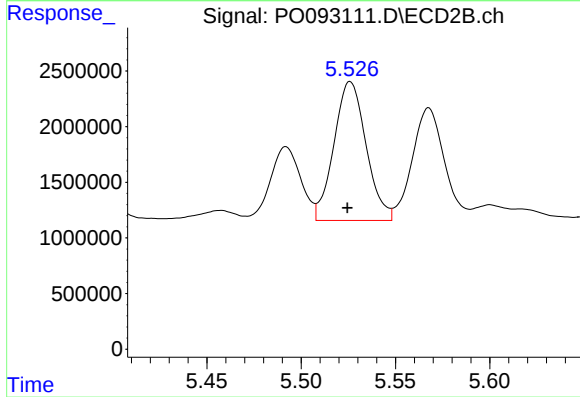
#19 AR-1242-4

R.T.: 5.002 min
Delta R.T.: 0.001 min
Response: 12645528
Conc: 485.43 ng/ml



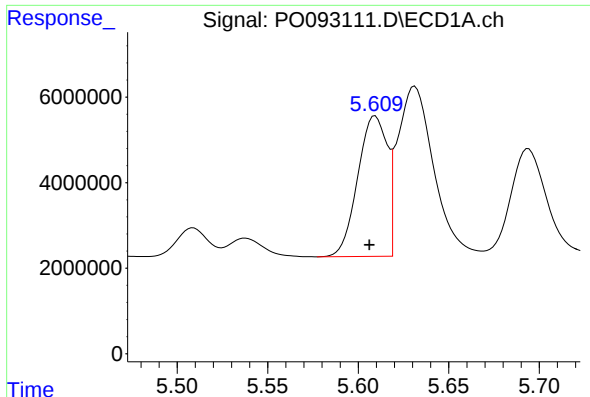
#20 AR-1242-5

R.T.: 6.538 min
Delta R.T.: 0.003 min
Response: 31071157
Conc: 497.22 ng/ml



#20 AR-1242-5

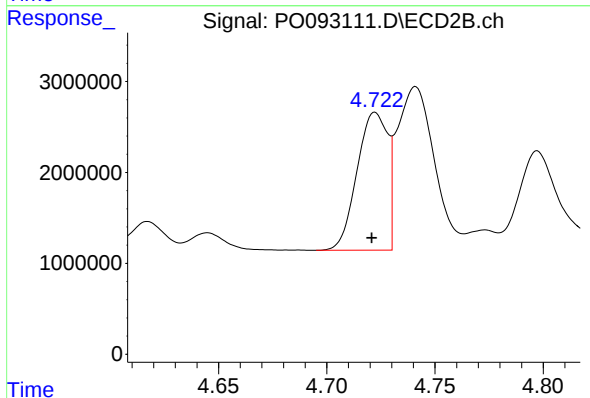
R.T.: 5.526 min
Delta R.T.: 0.002 min
Response: 14834563
Conc: 519.29 ng/ml



#21 AR-1248-1

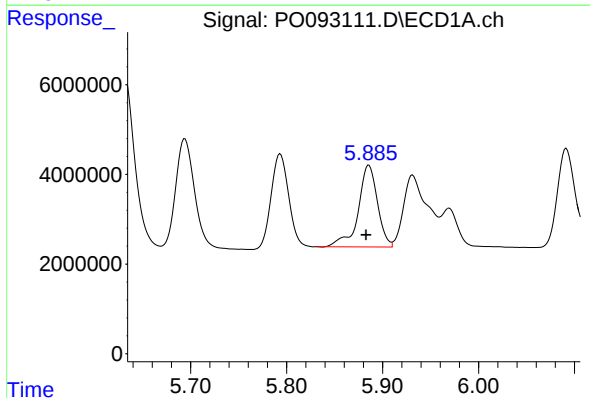
R.T.: 5.609 min
Delta R.T.: 0.003 min
Response: 37172155
Conc: 597.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



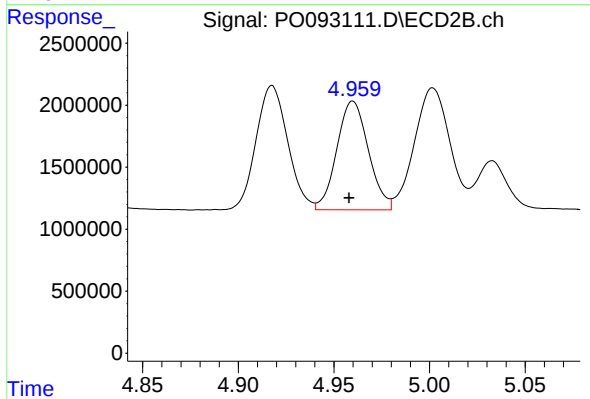
#21 AR-1248-1

R.T.: 4.722 min
Delta R.T.: 0.002 min
Response: 14897937
Conc: 640.17 ng/ml



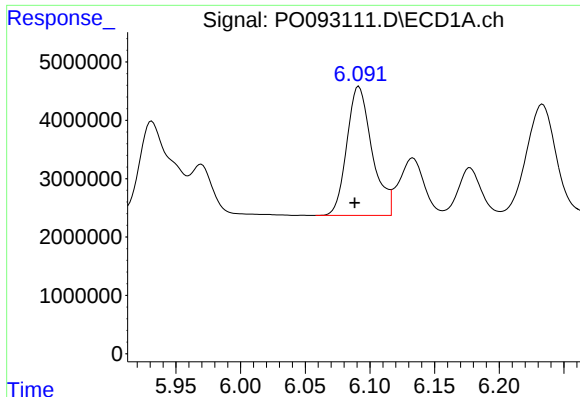
#22 AR-1248-2

R.T.: 5.886 min
Delta R.T.: 0.003 min
Response: 25604156
Conc: 268.08 ng/ml



#22 AR-1248-2

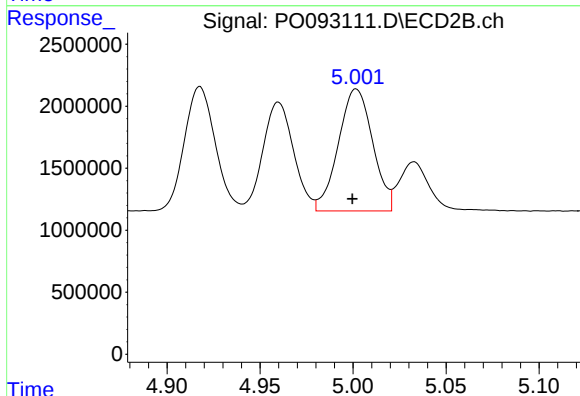
R.T.: 4.960 min
Delta R.T.: 0.002 min
Response: 10083583
Conc: 278.24 ng/ml



#23 AR-1248-3

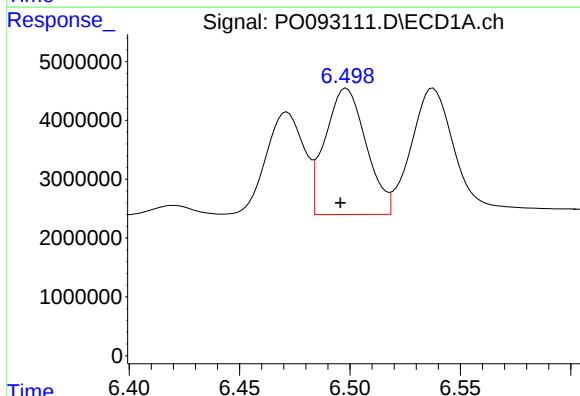
R.T.: 6.091 min
Delta R.T.: 0.003 min
Response: 29992763
Conc: 288.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



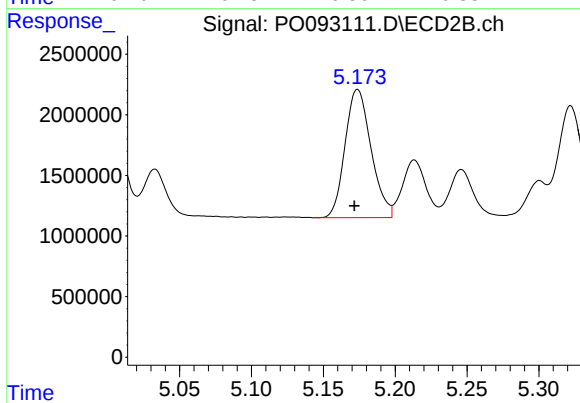
#23 AR-1248-3

R.T.: 5.002 min
Delta R.T.: 0.002 min
Response: 12645528
Conc: 336.97 ng/ml



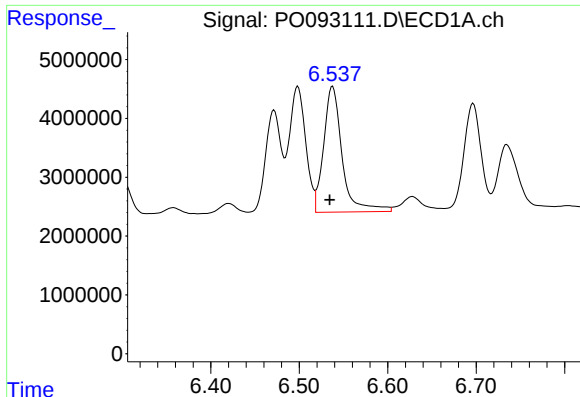
#24 AR-1248-4

R.T.: 6.498 min
Delta R.T.: 0.003 min
Response: 27639216
Conc: 271.42 ng/ml



#24 AR-1248-4

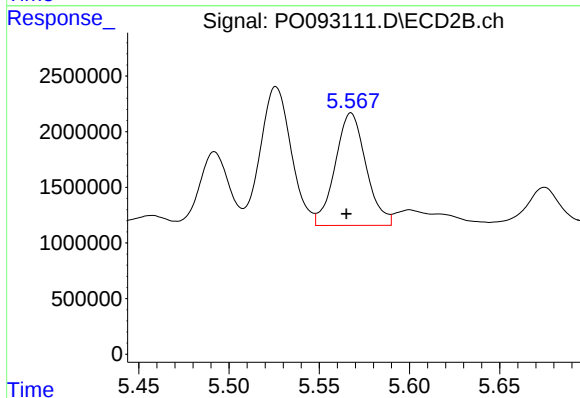
R.T.: 5.174 min
Delta R.T.: 0.002 min
Response: 13365860
Conc: 310.68 ng/ml



#25 AR-1248-5

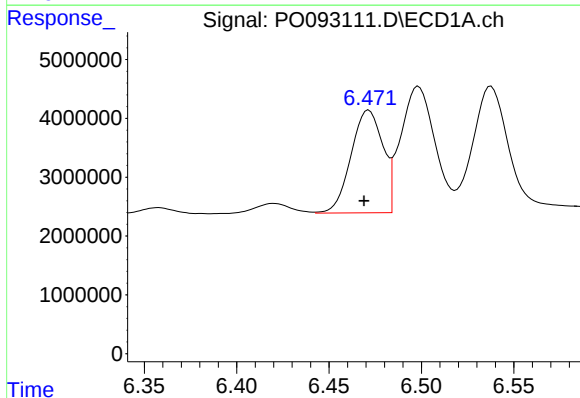
R.T.: 6.538 min
Delta R.T.: 0.003 min
Response: 31071157
Conc: 303.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



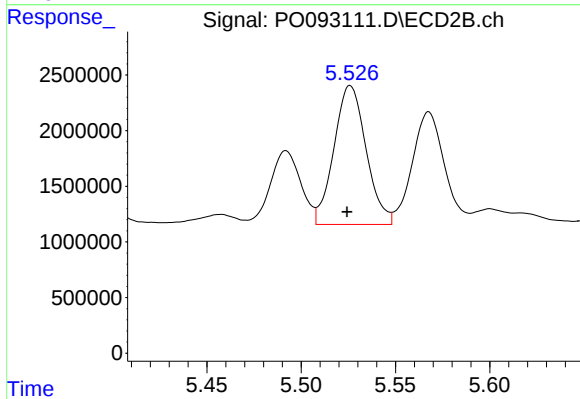
#25 AR-1248-5

R.T.: 5.568 min
Delta R.T.: 0.002 min
Response: 12038215
Conc: 327.33 ng/ml



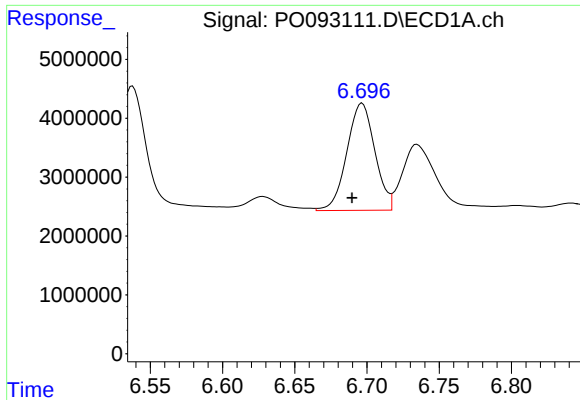
#26 AR-1254-1

R.T.: 6.471 min
Delta R.T.: 0.003 min
Response: 20926674
Conc: 179.07 ng/ml



#26 AR-1254-1

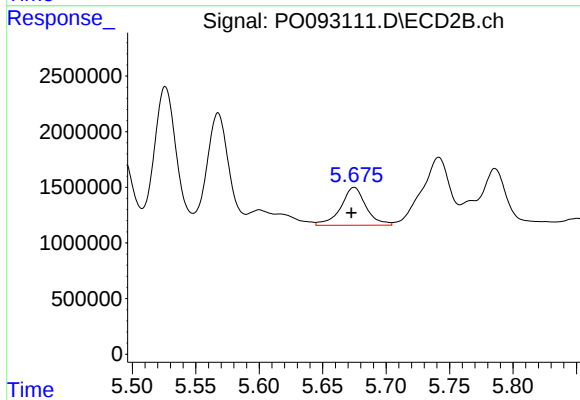
R.T.: 5.526 min
Delta R.T.: 0.002 min
Response: 14834563
Conc: 236.36 ng/ml



#27 AR-1254-2

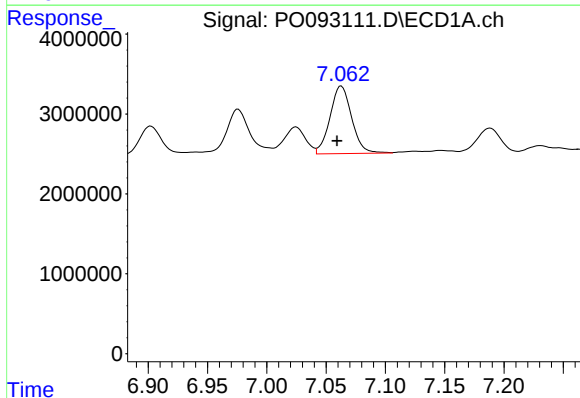
R.T.: 6.697 min
Delta R.T.: 0.007 min
Response: 24525716
Conc: 143.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



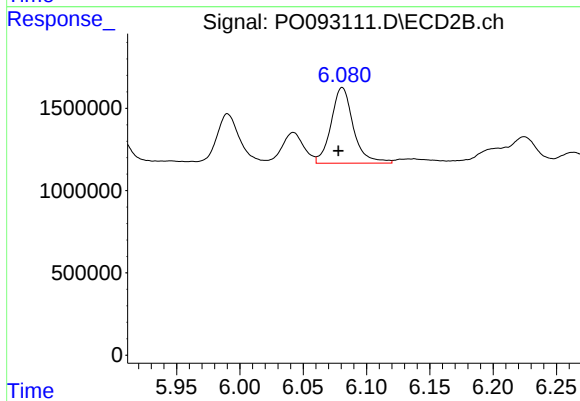
#27 AR-1254-2

R.T.: 5.675 min
Delta R.T.: 0.002 min
Response: 4687745
Conc: 83.19 ng/ml



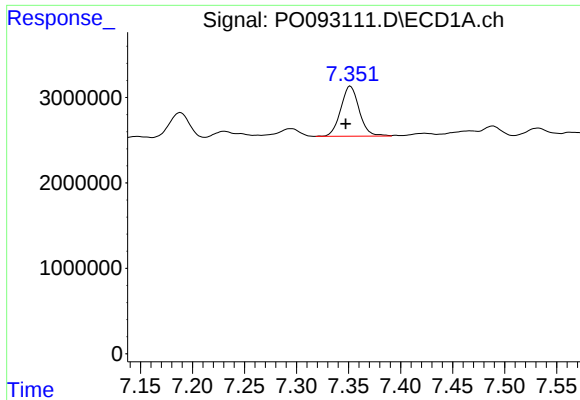
#28 AR-1254-3

R.T.: 7.063 min
Delta R.T.: 0.004 min
Response: 10739572
Conc: 64.60 ng/ml



#28 AR-1254-3

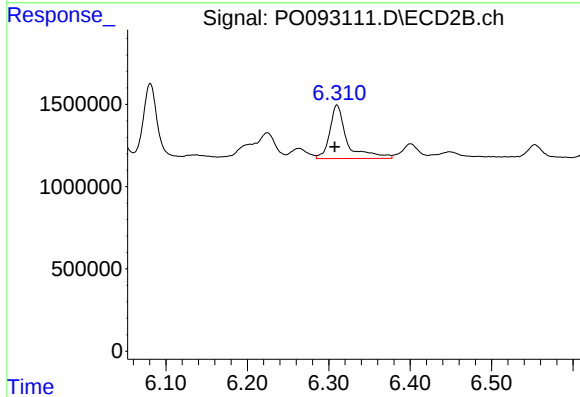
R.T.: 6.081 min
Delta R.T.: 0.003 min
Response: 5626073
Conc: 65.35 ng/ml



#29 AR-1254-4

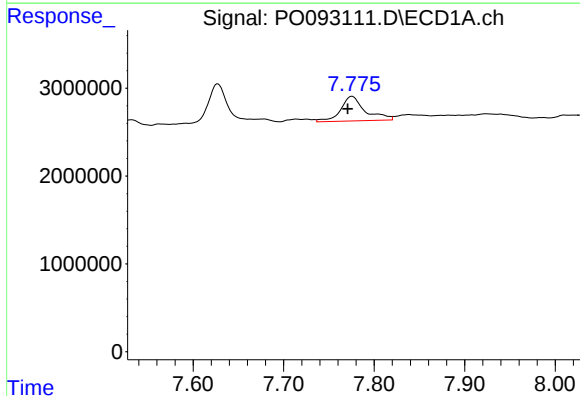
R.T.: 7.352 min
Delta R.T.: 0.005 min
Response: 7243349
Conc: 67.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



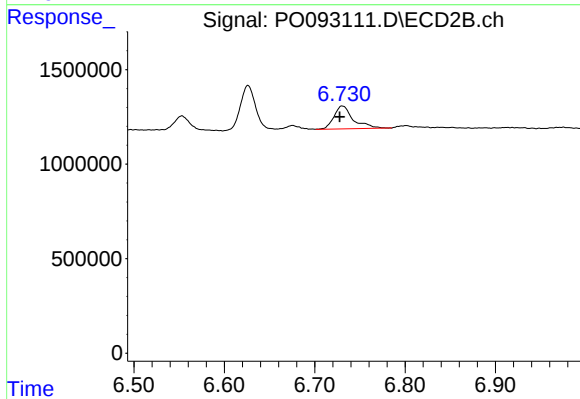
#29 AR-1254-4

R.T.: 6.310 min
Delta R.T.: 0.003 min
Response: 4783951
Conc: 104.61 ng/ml



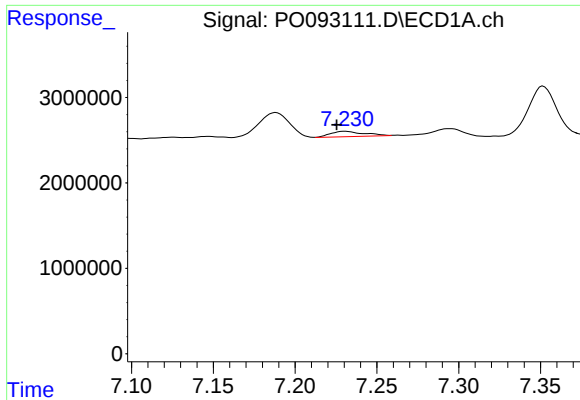
#30 AR-1254-5

R.T.: 7.775 min
Delta R.T.: 0.005 min
Response: 5300375
Conc: 39.14 ng/ml



#30 AR-1254-5

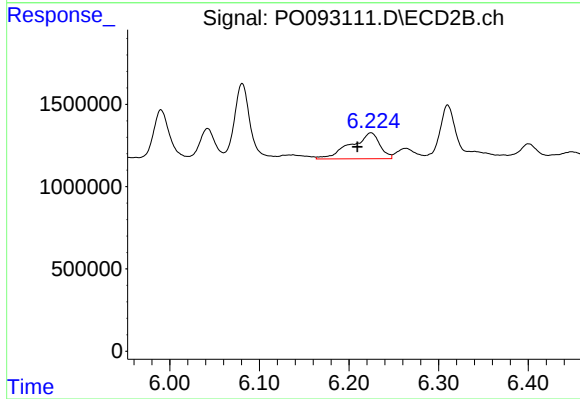
R.T.: 6.731 min
Delta R.T.: 0.003 min
Response: 1788452
Conc: 24.22 ng/ml



#31 AR-1260-1

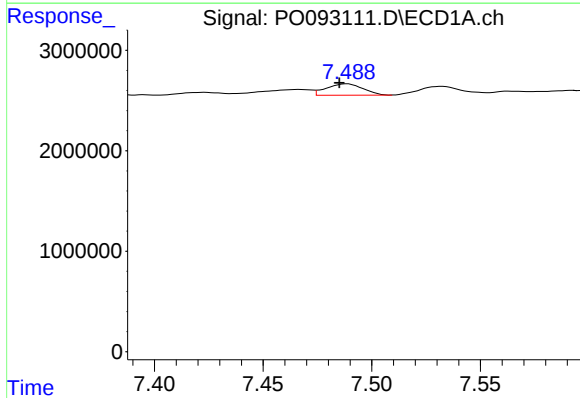
R.T.: 7.231 min
Delta R.T.: 0.005 min
Response: 899142
Conc: 6.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



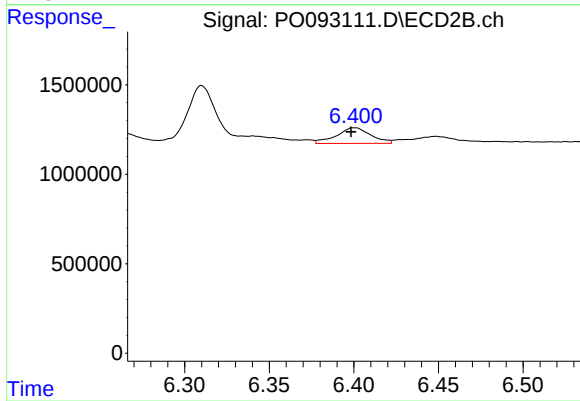
#31 AR-1260-1

R.T.: 6.225 min
Delta R.T.: 0.015 min
Response: 3563763
Conc: 58.62 ng/ml



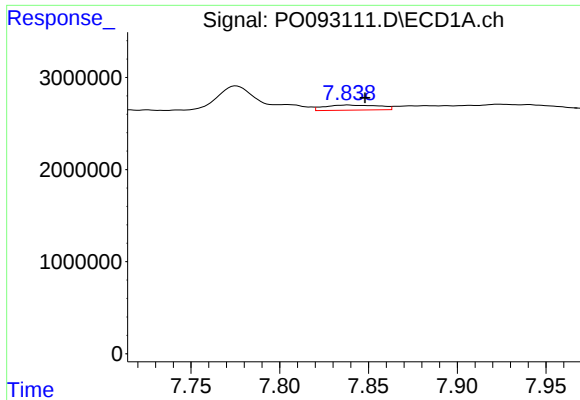
#32 AR-1260-2

R.T.: 7.489 min
Delta R.T.: 0.003 min
Response: 1316566
Conc: 8.92 ng/ml



#32 AR-1260-2

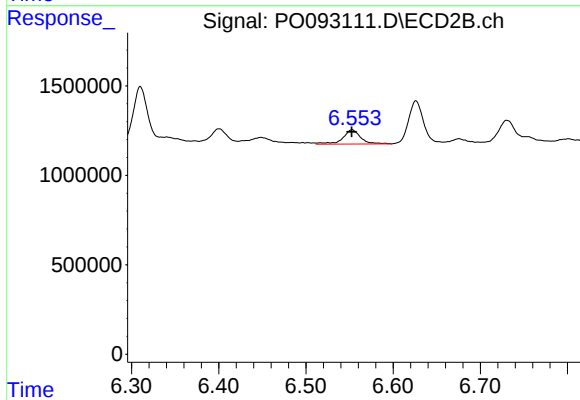
R.T.: 6.400 min
Delta R.T.: 0.002 min
Response: 1246151
Conc: 17.24 ng/ml



#33 AR-1260-3

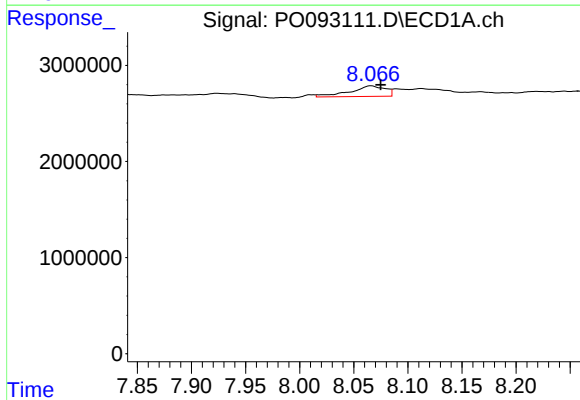
R.T.: 7.839 min
Delta R.T.: -0.010 min
Response: 1192804
Conc: 10.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



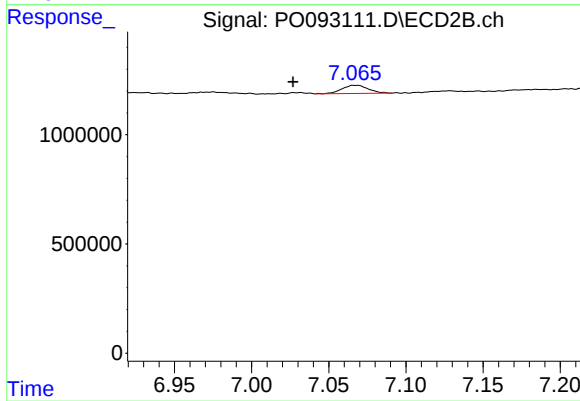
#33 AR-1260-3

R.T.: 6.553 min
Delta R.T.: 0.000 min
Response: 1122558
Conc: 16.79 ng/ml



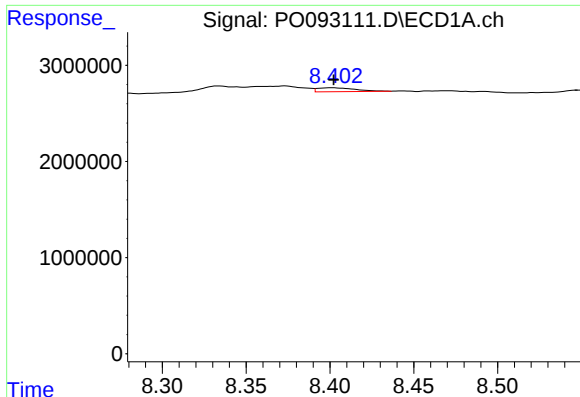
#34 AR-1260-4

R.T.: 8.066 min
Delta R.T.: -0.009 min
Response: 2486663
Conc: 19.39 ng/ml



#34 AR-1260-4

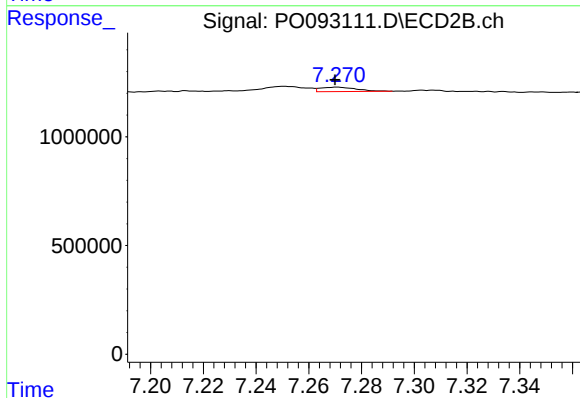
R.T.: 7.067 min
Delta R.T.: 0.040 min
Response: 449203
Conc: 8.16 ng/ml



#35 AR-1260-5

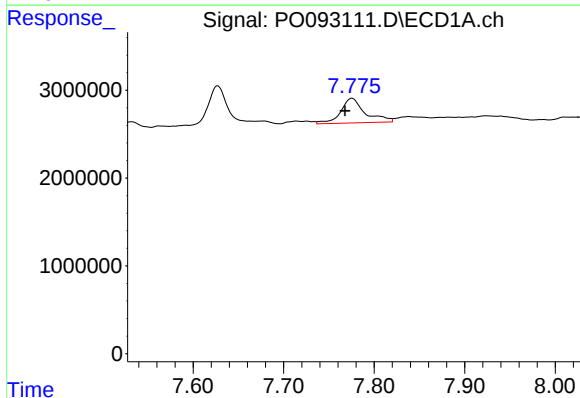
R.T.: 8.402 min
Delta R.T.: 0.000 min
Response: 638176
Conc: 2.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



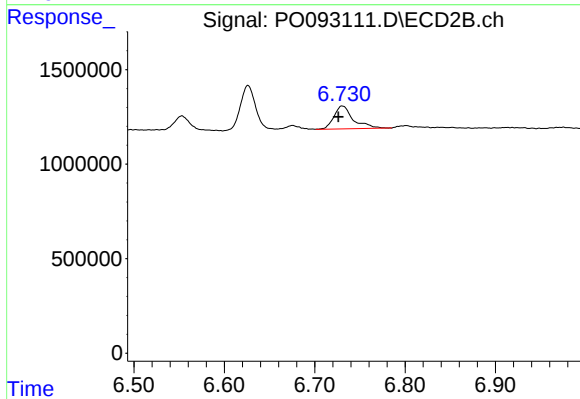
#35 AR-1260-5

R.T.: 7.271 min
Delta R.T.: 0.000 min
Response: 192699
Conc: 1.64 ng/ml



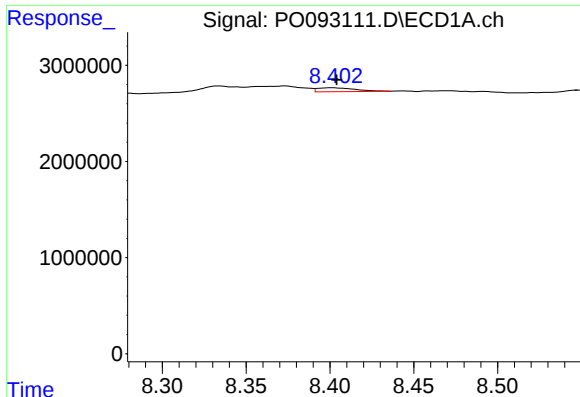
#36 AR-1262-1

R.T.: 7.775 min
Delta R.T.: 0.008 min
Response: 5300375
Conc: 53.32 ng/ml



#36 AR-1262-1

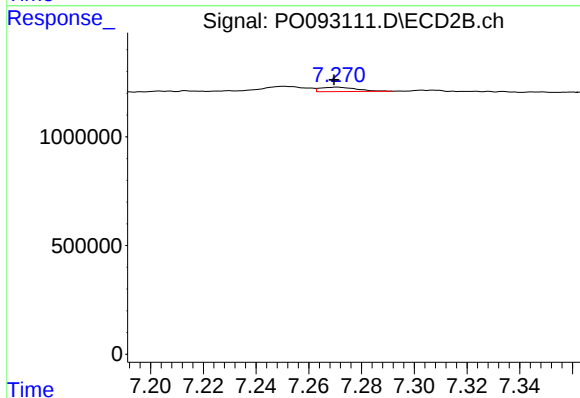
R.T.: 6.731 min
Delta R.T.: 0.004 min
Response: 1788452
Conc: 47.86 ng/ml



#37 AR-1262-2

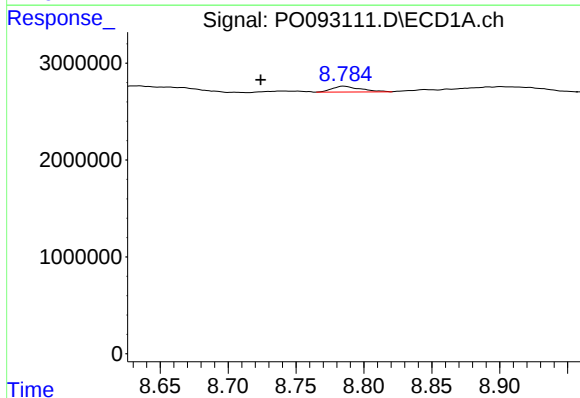
R.T.: 8.402 min
Delta R.T.: -0.002 min
Response: 638176
Conc: 2.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



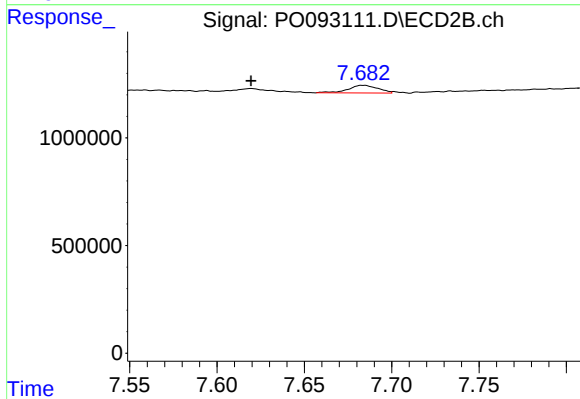
#37 AR-1262-2

R.T.: 7.271 min
Delta R.T.: 0.001 min
Response: 192699
Conc: 1.62 ng/ml



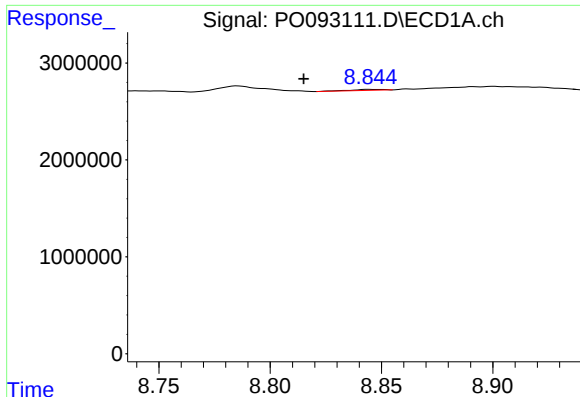
#38 AR-1262-3

R.T.: 8.785 min
Delta R.T.: 0.061 min
Response: 872136
Conc: 5.16 ng/ml



#38 AR-1262-3

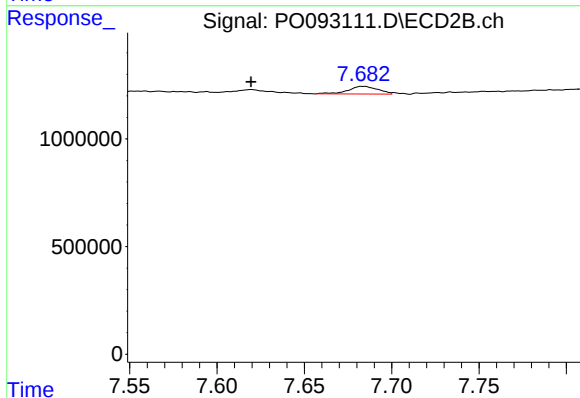
R.T.: 7.684 min
Delta R.T.: 0.064 min
Response: 416098
Conc: 4.60 ng/ml



#39 AR-1262-4

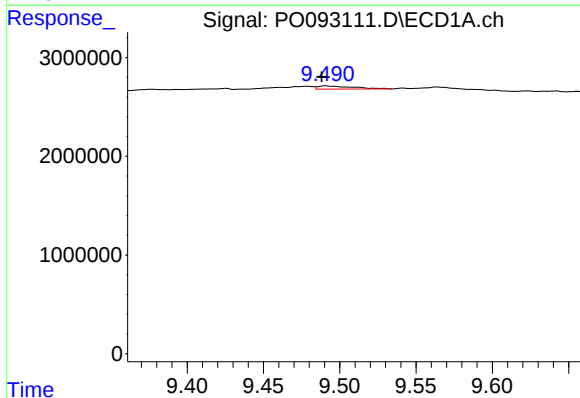
R.T.: 8.845 min
Delta R.T.: 0.029 min
Response: 108596
Conc: 1.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



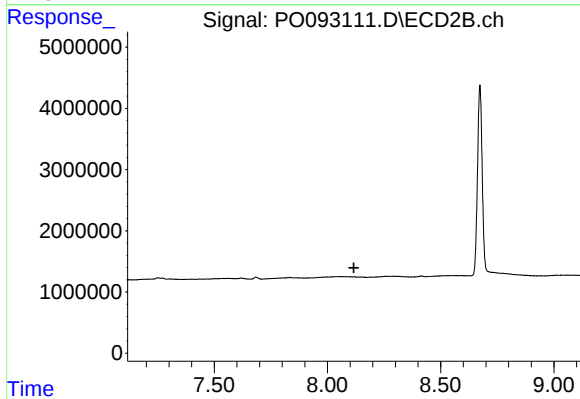
#39 AR-1262-4

R.T.: 7.684 min
Delta R.T.: 0.064 min
Response: 416098
Conc: 4.60 ng/ml



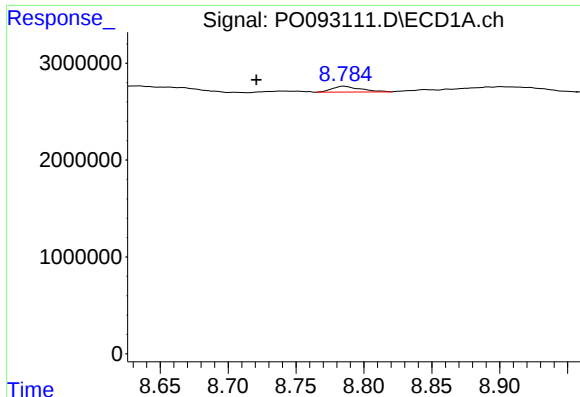
#40 AR-1262-5

R.T.: 9.491 min
Delta R.T.: 0.003 min
Response: 515848
Conc: 5.40 ng/ml



#40 AR-1262-5

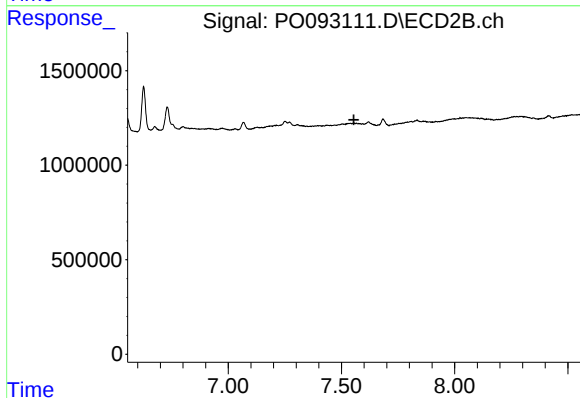
R.T.: 0.000 min
Exp R.T. : 8.117 min
Response: 0
Conc: N.D.



#41 AR-1268-1

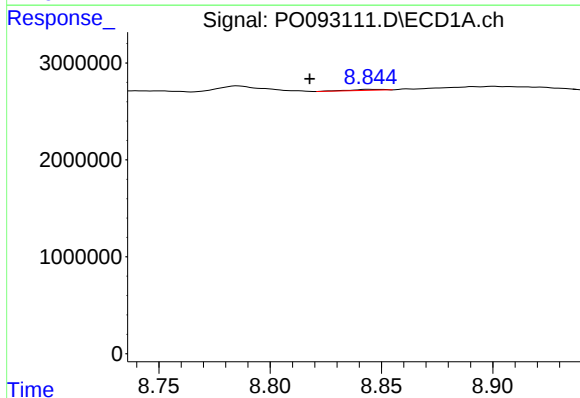
R.T.: 8.785 min
Delta R.T.: 0.065 min
Response: 872136
Conc: 2.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



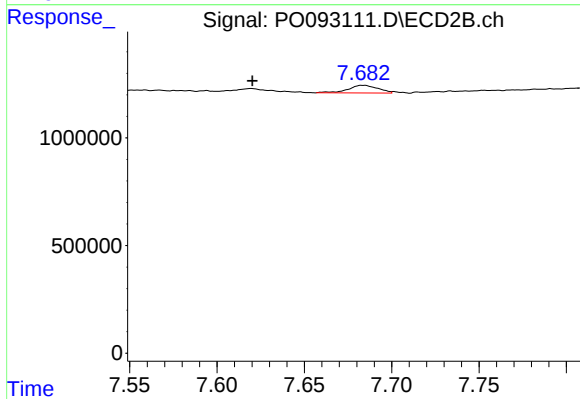
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 7.555 min
Response: 0
Conc: N.D.



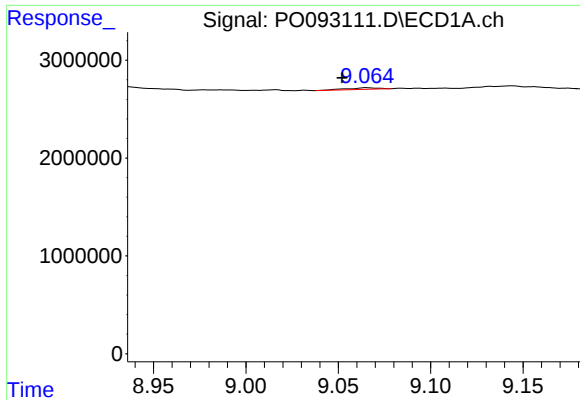
#42 AR-1268-2

R.T.: 8.845 min
Delta R.T.: 0.027 min
Response: 108596
Conc: 0.37 ng/ml



#42 AR-1268-2

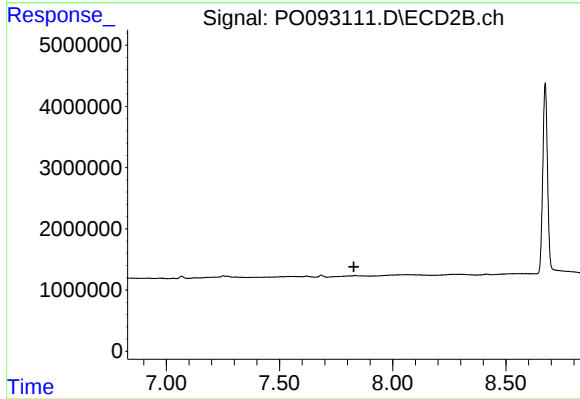
R.T.: 7.684 min
Delta R.T.: 0.064 min
Response: 416098
Conc: 2.98 ng/ml



#43 AR-1268-3

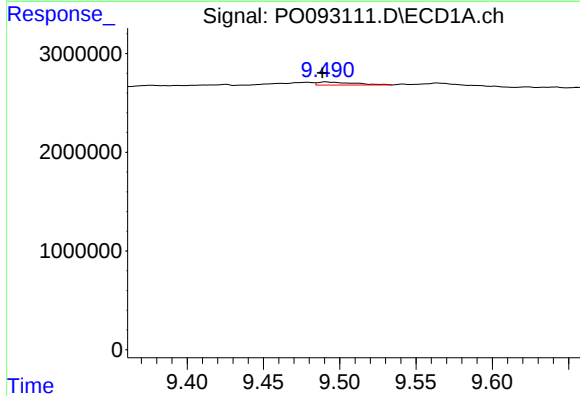
R.T.: 9.066 min
Delta R.T.: 0.014 min
Response: 198330
Conc: 0.78 ng/ml

Instrument :
ECD_O
ClientSampleId :



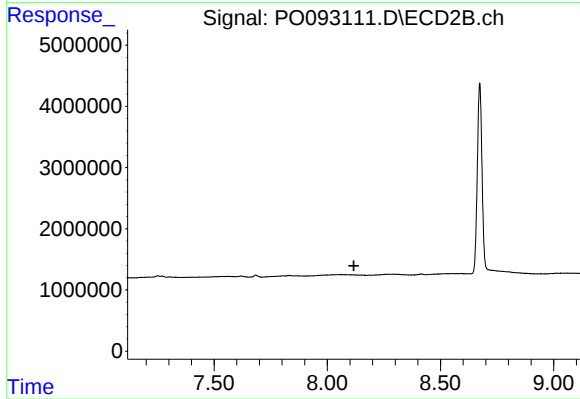
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 7.828 min
Response: 0
Conc: N.D.



#44 AR-1268-4

R.T.: 9.491 min
Delta R.T.: 0.002 min
Response: 515848
Conc: 4.83 ng/ml



#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 8.118 min
Response: 0
Conc: N.D.