

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0090519\
 Data File : P0060403.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 05 Sep 2019 18:59
 Operator : SM/AJ
 Sample : K4679-02MSD
 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: Sep 06 01:36:34 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Sep 05 17:14:47 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

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...	4.168	3.485	3504	938075	0.100	26.061 #
2)	SA Decachlor...	9.633	8.331	941	921053	0.018	22.843 #
Target Compounds							
3)	L1 AR-1016-1	5.329	4.548	410588	511255	255.997	378.164 #
4)	L1 AR-1016-2	5.329	4.604	410588	355013	171.615	177.240
5)	L1 AR-1016-3	5.391	4.761	7164	50153	4.809	46.359 #
6)	L1 AR-1016-4	5.513	4.800	316143	231821	261.329	256.725
7)	L1 AR-1016-5	5.753	5.006	147692	72813	115.013	63.210 #
8)	L2 AR-1221-1	4.398	3.688	59025	31512	139.384	78.507 #
9)	L2 AR-1221-2	4.438	3.770	1731	90661	5.329	297.615 #
10)	L2 AR-1221-3	4.473	3.845	234531	170988	222.967	174.754
11)	L3 AR-1232-1	4.473	3.845	234531	170988	188.162	149.973
12)	L3 AR-1232-2	4.986	4.548	332827	511255	471.162	401.433
13)	L3 AR-1232-3	5.269	4.761	678483	50153	443.057	73.656 #
14)	L3 AR-1232-4	5.557	4.830	329923	78963	421.961	129.436 #
15)	L3 AR-1232-5	5.592	4.968	128369	114729	213.546	168.537
16)	L4 AR-1242-1	5.269	4.548	678483	511255	534.442	497.011
17)	L4 AR-1242-2	5.269	4.548	678483	511255	365.630	335.670
18)	L4 AR-1242-3	5.329	4.761	410588	50153	351.278	60.028 #
19)	L4 AR-1242-4	5.557	4.830	329923	78963	340.873	94.636 #
20)	L4 AR-1242-5	6.232	5.310	64002	280562	50.933	250.814 #
21)	L5 AR-1248-1	5.269	4.548	678483	511255	676.755	617.440
22)	L5 AR-1248-2	5.557	4.761	329923	50153	227.391	43.493 #
23)	L5 AR-1248-3	5.714	4.830	382036	78963	229.859	66.481 #
24)	L5 AR-1248-4	6.149	4.968	99194	114729	48.527	78.956 #
25)	L5 AR-1248-5	6.149	5.310	99194	280562	50.020	196.021 #
26)	L6 AR-1254-1	6.110	5.310	217317	280562	104.158	118.291
27)	L6 AR-1254-2	6.347	5.455	411991	264657	123.489	126.129
28)	L6 AR-1254-3	6.688	5.896	73966	233779	20.844	69.525 #
29)	L6 AR-1254-4	7.004	6.102	265228	156571	90.044	75.938
30)	L6 AR-1254-5	7.388	6.516	248763	603640	80.443	194.411 #
31)	L7 AR-1260-1	6.889	5.974	33072	596651	12.268	261.815 #
32)	L7 AR-1260-2	7.120	6.197	384653	73732	103.667	25.165 #
33)	L7 AR-1260-3	7.485	6.384	496670	84997	151.593	32.085 #
34)	L7 AR-1260-4	7.735	6.811	641716	87637	208.938	38.733 #
35)	L7 AR-1260-5	8.006	7.069	356335	28246	50.323	5.133 #
36)	L8 AR-1262-1	7.485	6.516	496670	603640	102.345	161.940 #
37)	L8 AR-1262-2	8.006	7.015	356335	1235772	46.182	210.199 #
38)	L8 AR-1262-3	8.305	7.287	916171	260600	179.560	102.559 #
39)	L8 AR-1262-4	8.305	7.353	916171	871952	237.674	197.321
40)	L8 AR-1262-5	8.988	7.890	159236	20263	62.042	11.222 #
41)	L9 AR-1268-1	8.305	7.287	916171	260600	97.354	36.596 #

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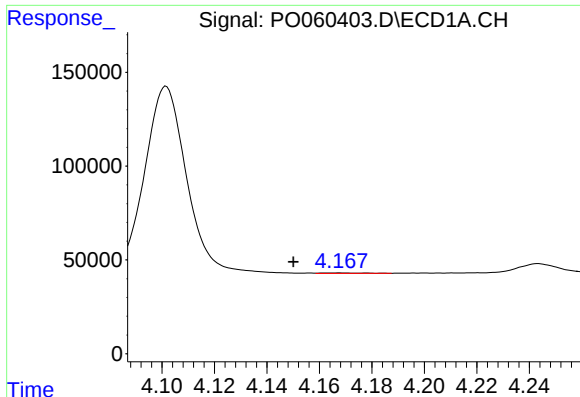
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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 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	8.305	7.353	916171	871952	116.226	135.228
43) L9	AR-1268-3	8.617	7.613	274475	17576	38.939	3.212 #
44) L9	AR-1268-4	8.988	7.890	159236	20263	57.278	9.926 #
45) L9	AR-1268-5	9.376	8.153	73543	2990	3.988	0.206 #

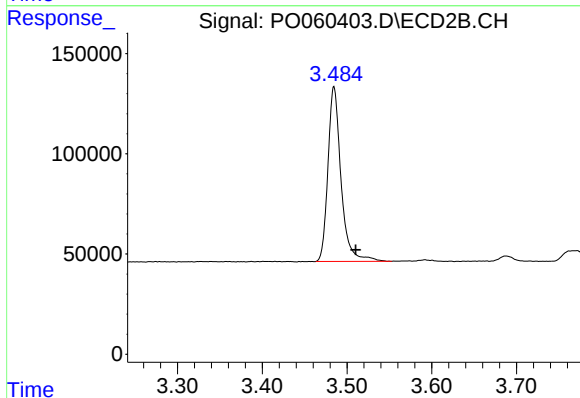
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

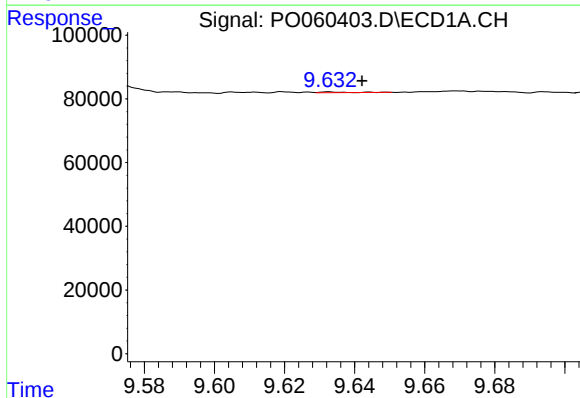
R.T.: 4.168 min
Delta R.T.: 0.018 min
Response: 3504
Conc: 0.10 ng/ml

Instrument :
ECD_O
ClientSampleId :



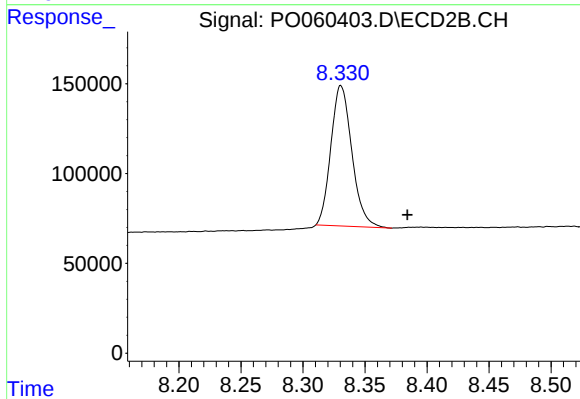
#1 Tetrachloro-m-xylene

R.T.: 3.485 min
Delta R.T.: -0.026 min
Response: 938075
Conc: 26.06 ng/ml



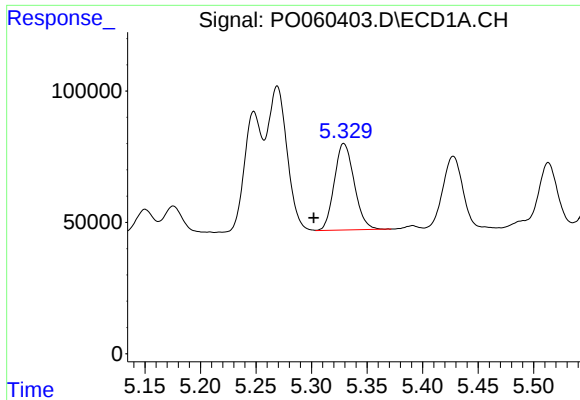
#2 Decachlorobiphenyl

R.T.: 9.633 min
Delta R.T.: -0.009 min
Response: 941
Conc: 0.02 ng/ml



#2 Decachlorobiphenyl

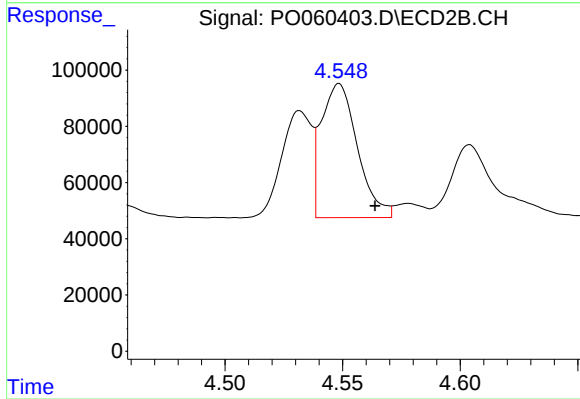
R.T.: 8.331 min
Delta R.T.: -0.053 min
Response: 921053
Conc: 22.84 ng/ml



#3 AR-1016-1

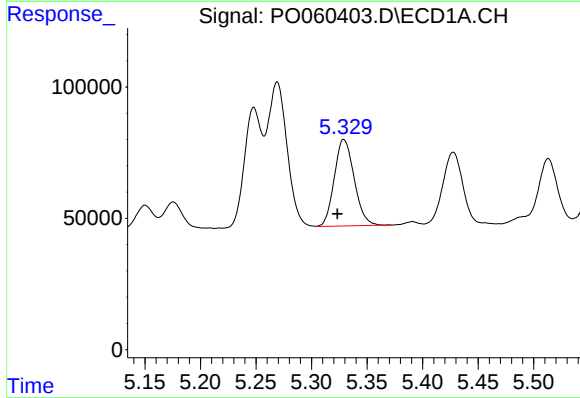
R.T.: 5.329 min
Delta R.T.: 0.027 min
Response: 410588
Conc: 256.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



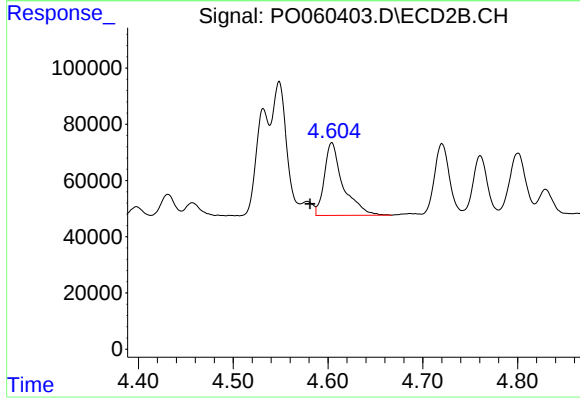
#3 AR-1016-1

R.T.: 4.548 min
Delta R.T.: -0.015 min
Response: 511255
Conc: 378.16 ng/ml



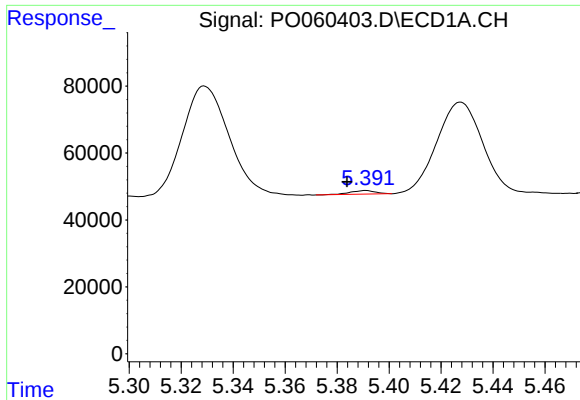
#4 AR-1016-2

R.T.: 5.329 min
Delta R.T.: 0.006 min
Response: 410588
Conc: 171.61 ng/ml



#4 AR-1016-2

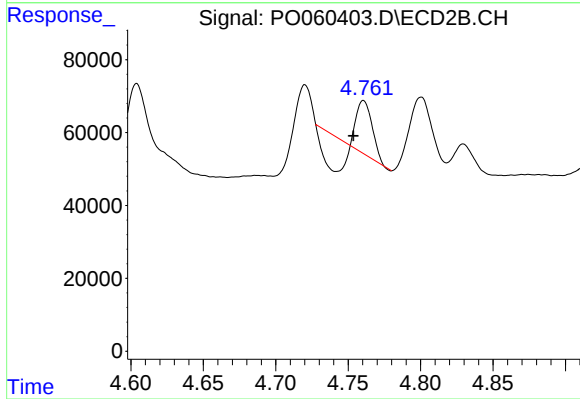
R.T.: 4.604 min
Delta R.T.: 0.023 min
Response: 355013
Conc: 177.24 ng/ml



#5 AR-1016-3

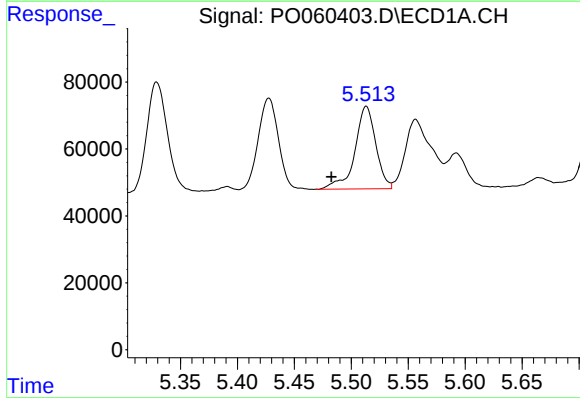
R.T.: 5.391 min
Delta R.T.: 0.007 min
Response: 7164
Conc: 4.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



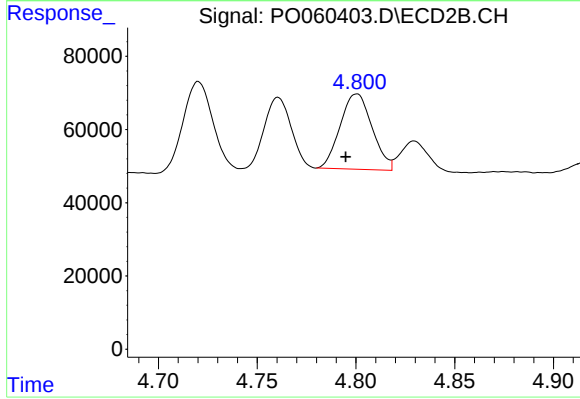
#5 AR-1016-3

R.T.: 4.761 min
Delta R.T.: 0.007 min
Response: 50153
Conc: 46.36 ng/ml



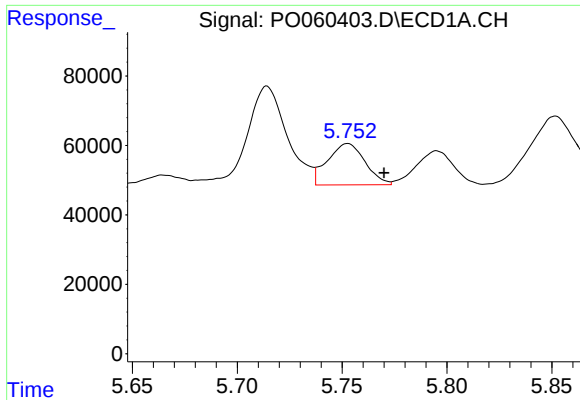
#6 AR-1016-4

R.T.: 5.513 min
Delta R.T.: 0.030 min
Response: 316143
Conc: 261.33 ng/ml



#6 AR-1016-4

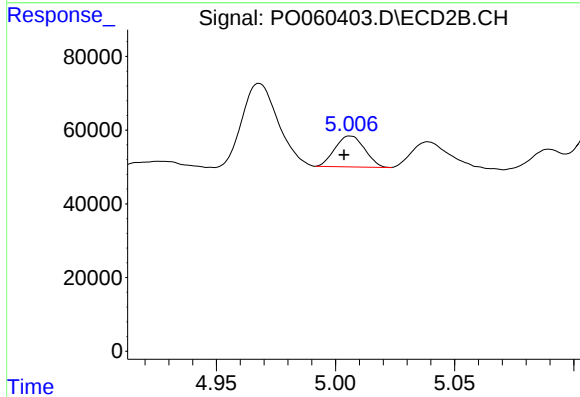
R.T.: 4.800 min
Delta R.T.: 0.006 min
Response: 231821
Conc: 256.72 ng/ml



#7 AR-1016-5

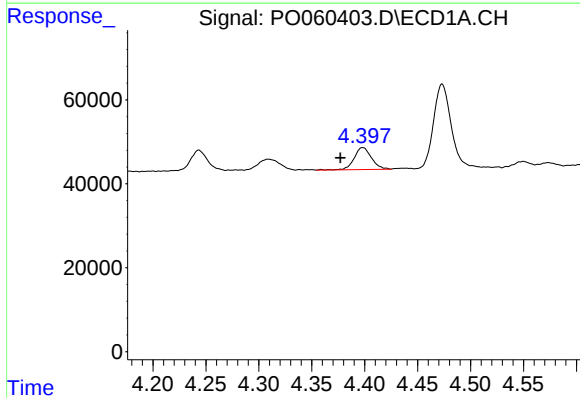
R.T.: 5.753 min
Delta R.T.: -0.017 min
Response: 147692
Conc: 115.01 ng/ml

Instrument :
ECD_O
ClientSampleId :



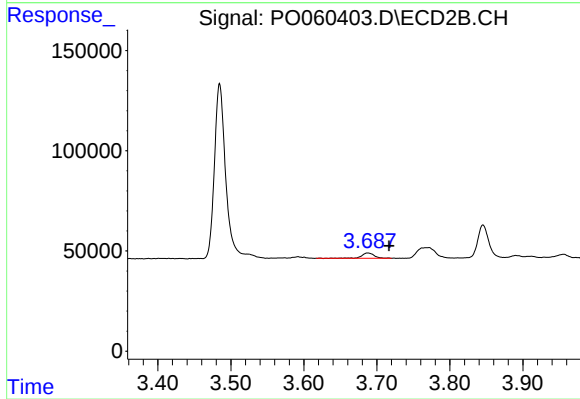
#7 AR-1016-5

R.T.: 5.006 min
Delta R.T.: 0.003 min
Response: 72813
Conc: 63.21 ng/ml



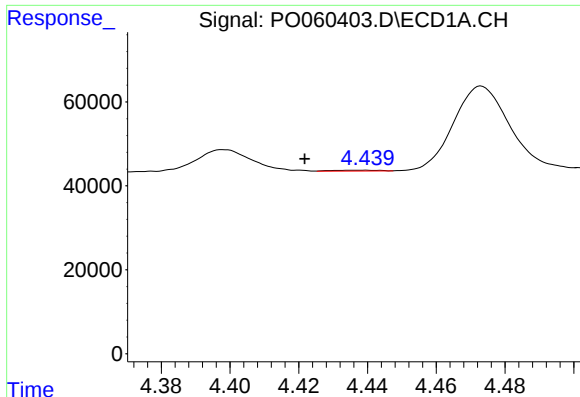
#8 AR-1221-1

R.T.: 4.398 min
Delta R.T.: 0.021 min
Response: 59025
Conc: 139.38 ng/ml



#8 AR-1221-1

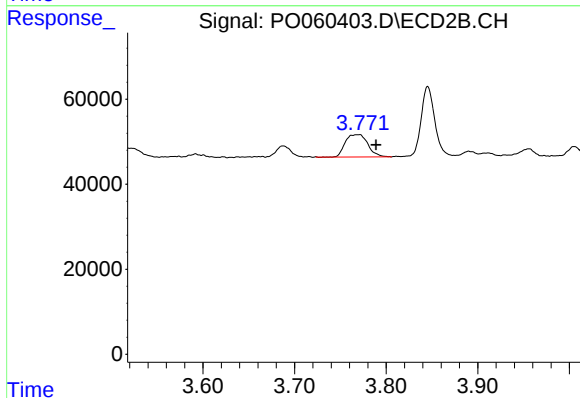
R.T.: 3.688 min
Delta R.T.: -0.029 min
Response: 31512
Conc: 78.51 ng/ml



#9 AR-1221-2

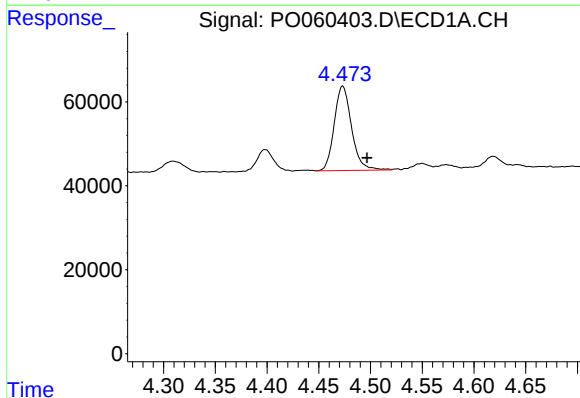
R.T.: 4.438 min
Delta R.T.: 0.016 min
Response: 1731
Conc: 5.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



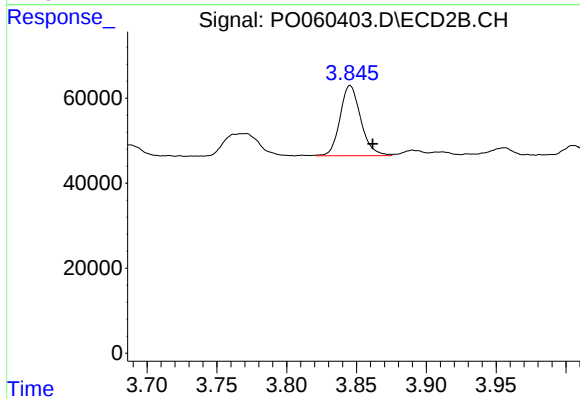
#9 AR-1221-2

R.T.: 3.770 min
Delta R.T.: -0.019 min
Response: 90661
Conc: 297.61 ng/ml



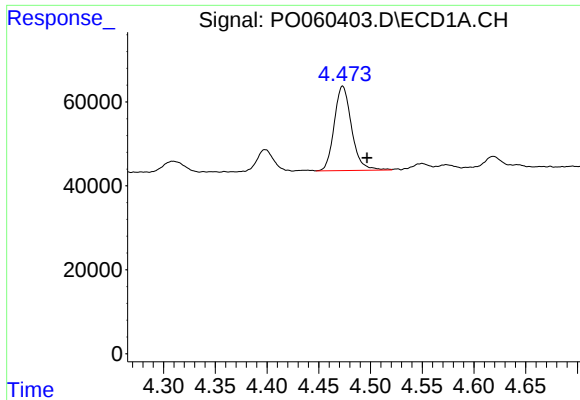
#10 AR-1221-3

R.T.: 4.473 min
Delta R.T.: -0.024 min
Response: 234531
Conc: 222.97 ng/ml



#10 AR-1221-3

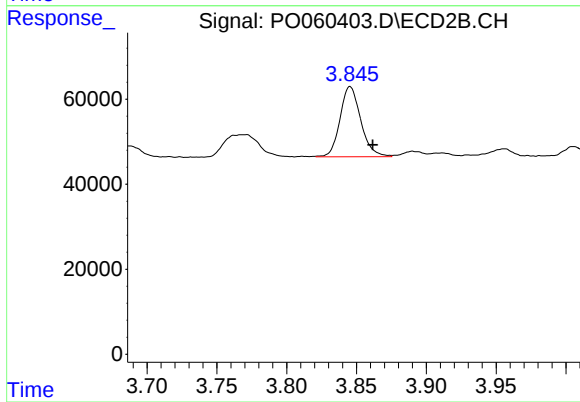
R.T.: 3.845 min
Delta R.T.: -0.016 min
Response: 170988
Conc: 174.75 ng/ml



#11 AR-1232-1

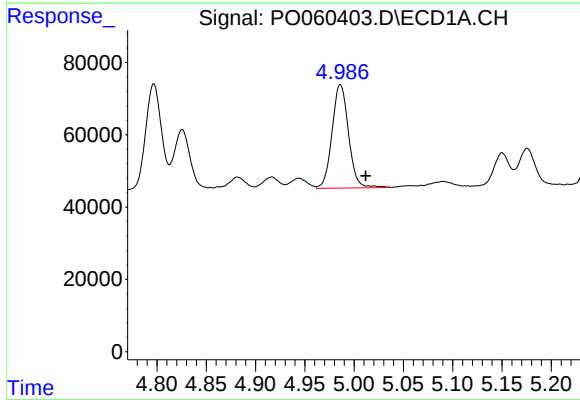
R.T.: 4.473 min
Delta R.T.: -0.024 min
Response: 234531
Conc: 188.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



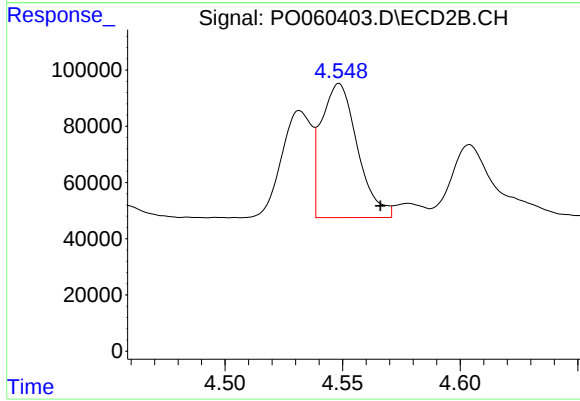
#11 AR-1232-1

R.T.: 3.845 min
Delta R.T.: -0.016 min
Response: 170988
Conc: 149.97 ng/ml



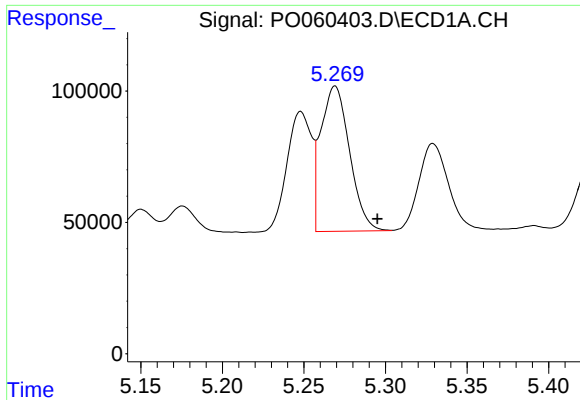
#12 AR-1232-2

R.T.: 4.986 min
Delta R.T.: -0.026 min
Response: 332827
Conc: 471.16 ng/ml



#12 AR-1232-2

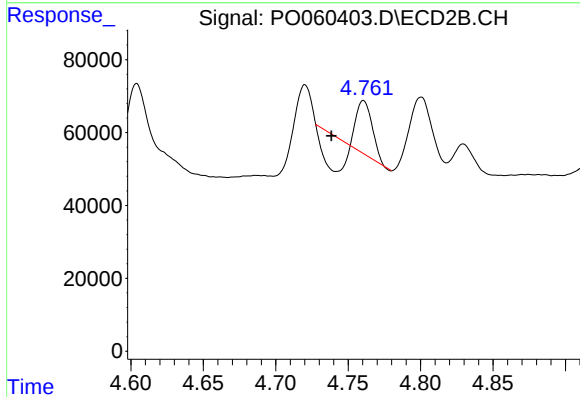
R.T.: 4.548 min
Delta R.T.: -0.018 min
Response: 511255
Conc: 401.43 ng/ml



#13 AR-1232-3

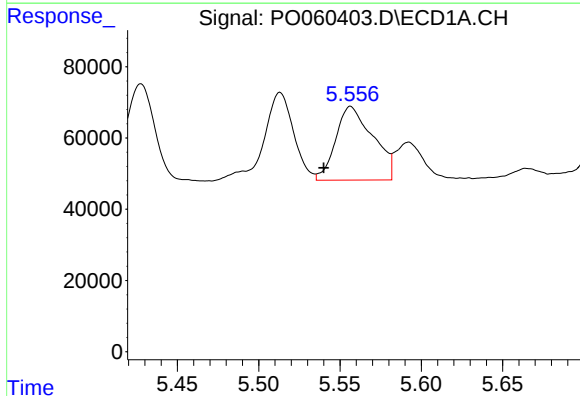
R.T.: 5.269 min
Delta R.T.: -0.026 min
Response: 678483
Conc: 443.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



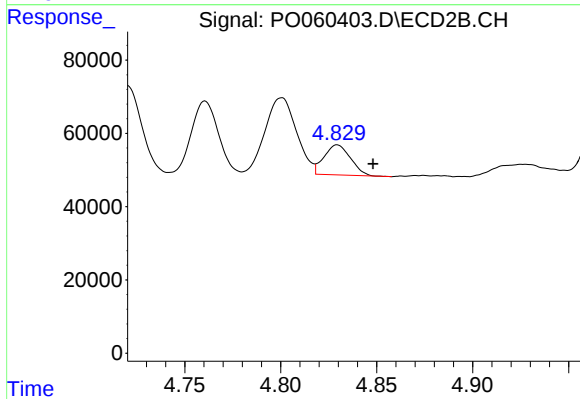
#13 AR-1232-3

R.T.: 4.761 min
Delta R.T.: 0.022 min
Response: 50153
Conc: 73.66 ng/ml



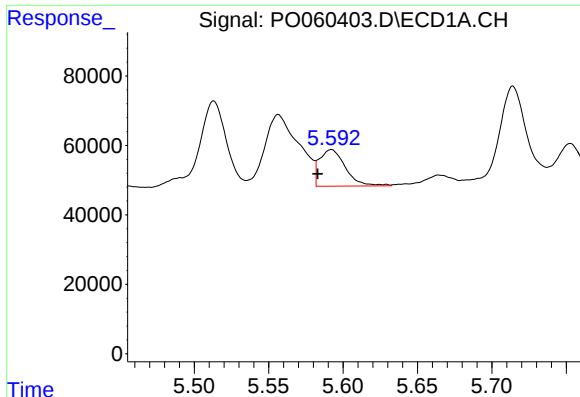
#14 AR-1232-4

R.T.: 5.557 min
Delta R.T.: 0.017 min
Response: 329923
Conc: 421.96 ng/ml



#14 AR-1232-4

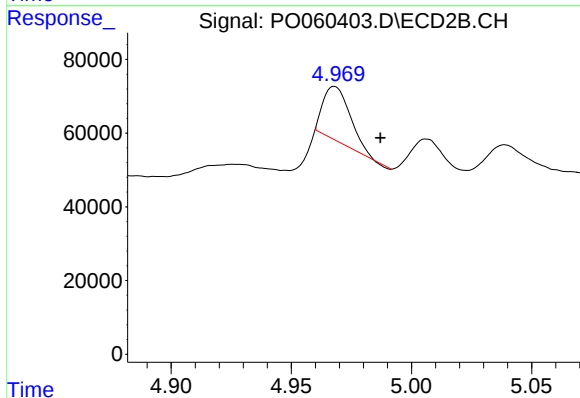
R.T.: 4.830 min
Delta R.T.: -0.019 min
Response: 78963
Conc: 129.44 ng/ml



#15 AR-1232-5

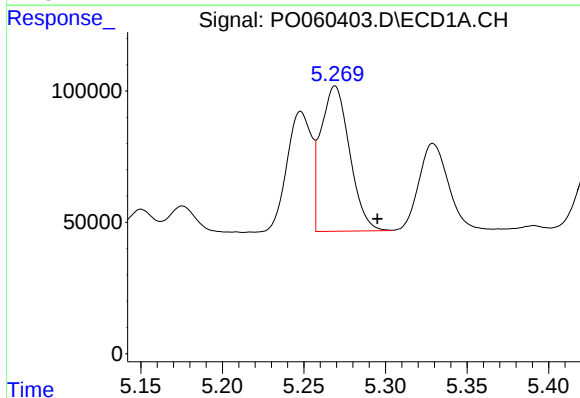
R.T.: 5.592 min
Delta R.T.: 0.009 min
Response: 128369
Conc: 213.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



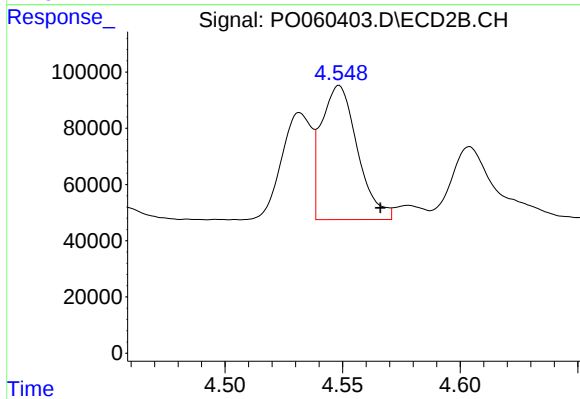
#15 AR-1232-5

R.T.: 4.968 min
Delta R.T.: -0.019 min
Response: 114729
Conc: 168.54 ng/ml



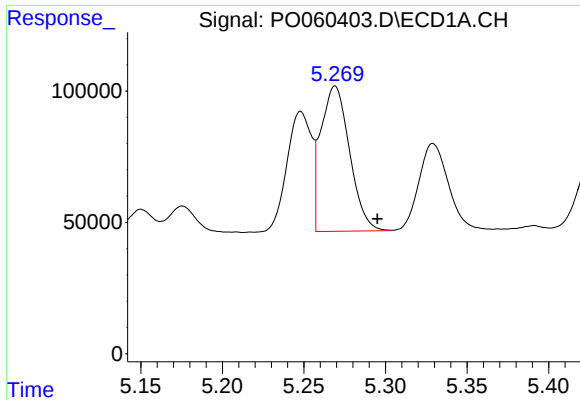
#16 AR-1242-1

R.T.: 5.269 min
Delta R.T.: -0.026 min
Response: 678483
Conc: 534.44 ng/ml



#16 AR-1242-1

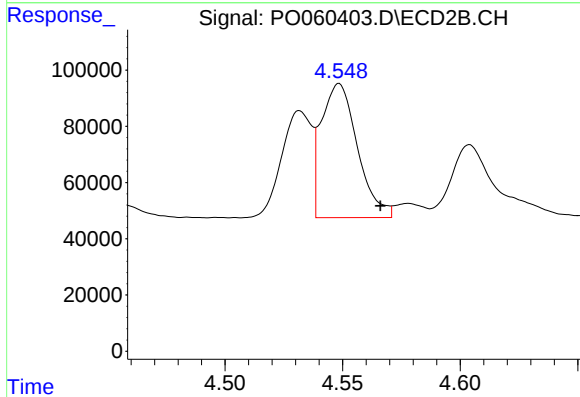
R.T.: 4.548 min
Delta R.T.: -0.018 min
Response: 511255
Conc: 497.01 ng/ml



#17 AR-1242-2

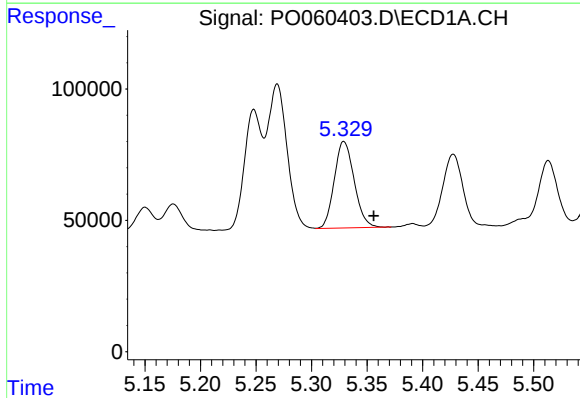
R.T.: 5.269 min
Delta R.T.: -0.026 min
Response: 678483
Conc: 365.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



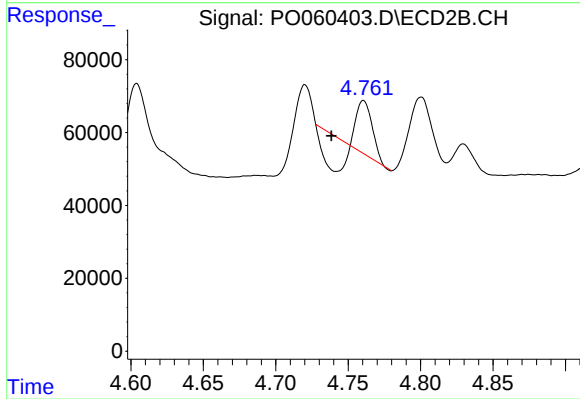
#17 AR-1242-2

R.T.: 4.548 min
Delta R.T.: -0.018 min
Response: 511255
Conc: 335.67 ng/ml



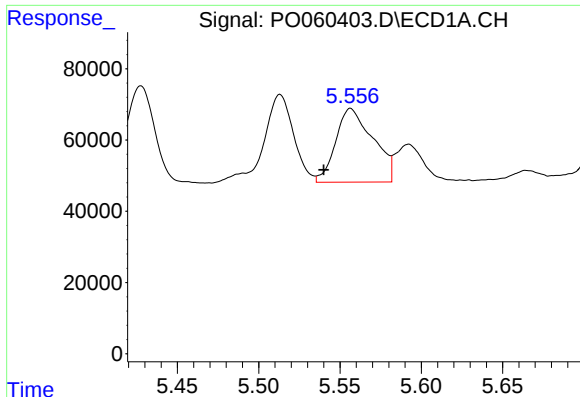
#18 AR-1242-3

R.T.: 5.329 min
Delta R.T.: -0.027 min
Response: 410588
Conc: 351.28 ng/ml



#18 AR-1242-3

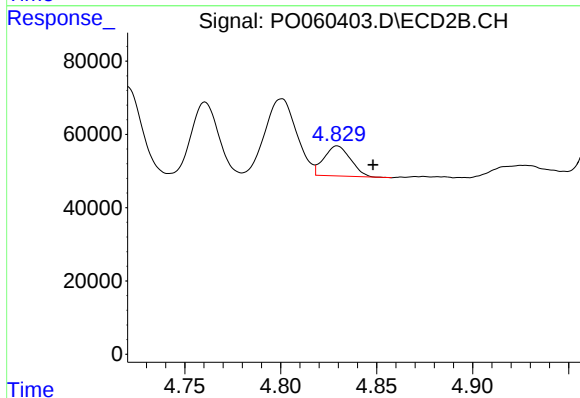
R.T.: 4.761 min
Delta R.T.: 0.022 min
Response: 50153
Conc: 60.03 ng/ml



#19 AR-1242-4

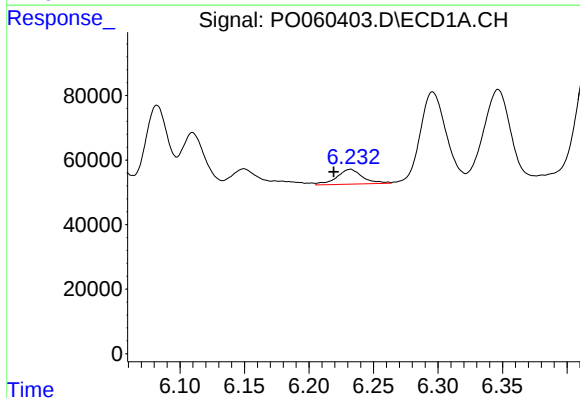
R.T.: 5.557 min
Delta R.T.: 0.017 min
Response: 329923
Conc: 340.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



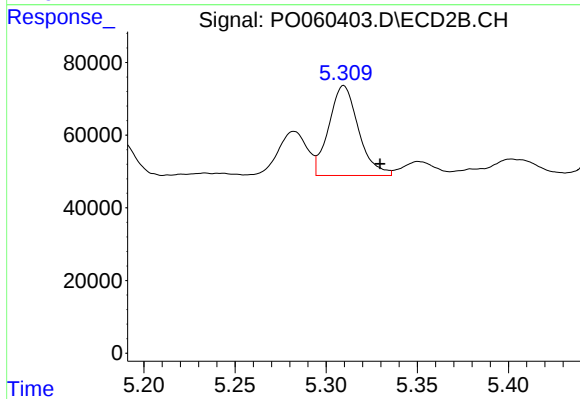
#19 AR-1242-4

R.T.: 4.830 min
Delta R.T.: -0.019 min
Response: 78963
Conc: 94.64 ng/ml



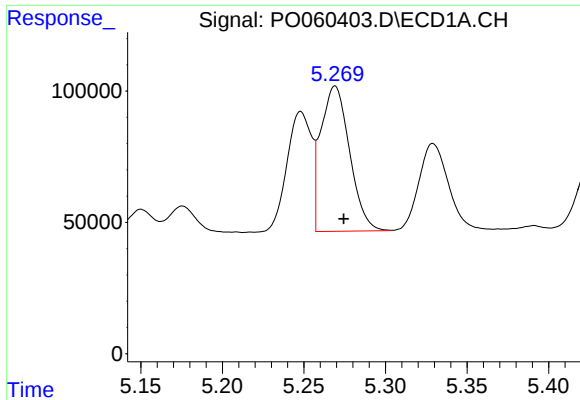
#20 AR-1242-5

R.T.: 6.232 min
Delta R.T.: 0.013 min
Response: 64002
Conc: 50.93 ng/ml



#20 AR-1242-5

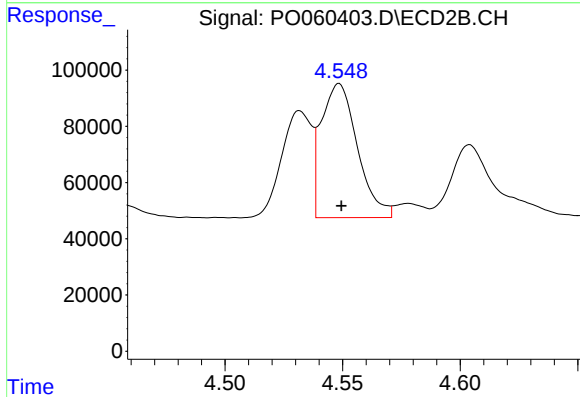
R.T.: 5.310 min
Delta R.T.: -0.020 min
Response: 280562
Conc: 250.81 ng/ml



#21 AR-1248-1

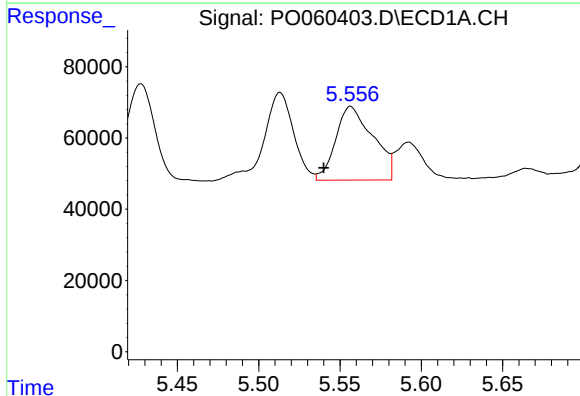
R.T.: 5.269 min
Delta R.T.: -0.005 min
Response: 678483
Conc: 676.76 ng/ml

Instrument :
ECD_O
ClientSampleId :



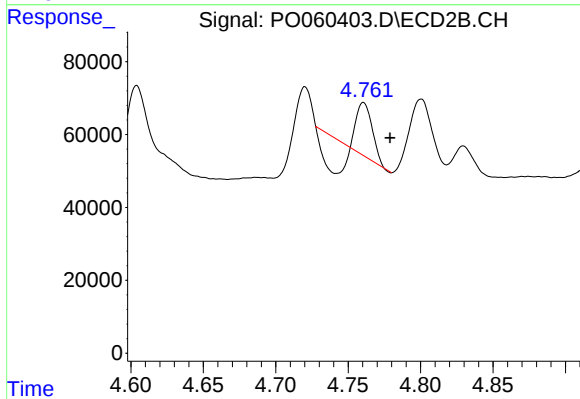
#21 AR-1248-1

R.T.: 4.548 min
Delta R.T.: -0.001 min
Response: 511255
Conc: 617.44 ng/ml



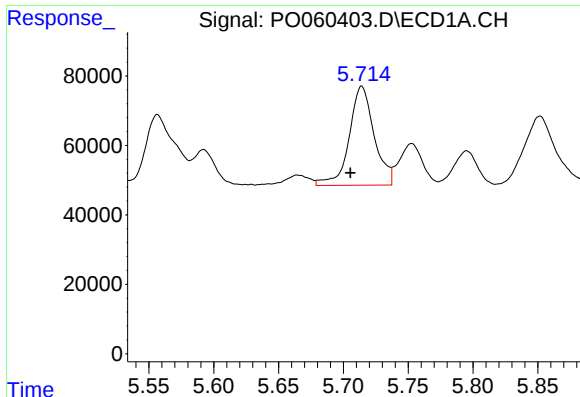
#22 AR-1248-2

R.T.: 5.557 min
Delta R.T.: 0.017 min
Response: 329923
Conc: 227.39 ng/ml



#22 AR-1248-2

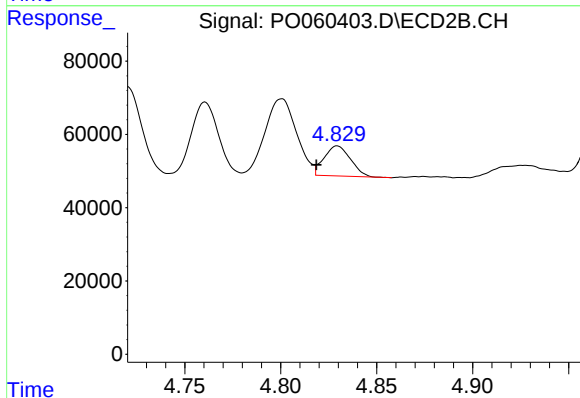
R.T.: 4.761 min
Delta R.T.: -0.018 min
Response: 50153
Conc: 43.49 ng/ml



#23 AR-1248-3

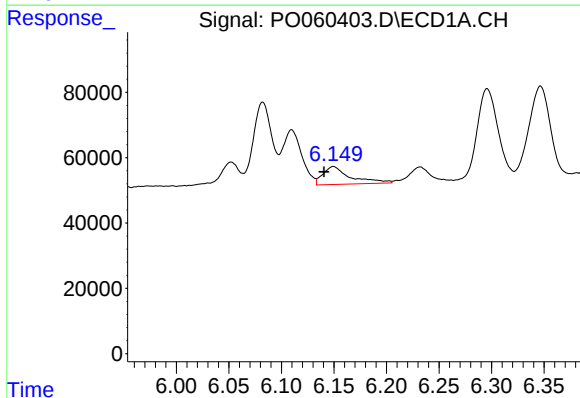
R.T.: 5.714 min
Delta R.T.: 0.009 min
Response: 382036
Conc: 229.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



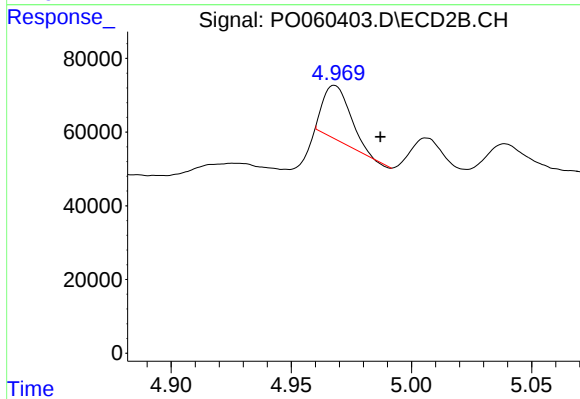
#23 AR-1248-3

R.T.: 4.830 min
Delta R.T.: 0.011 min
Response: 78963
Conc: 66.48 ng/ml



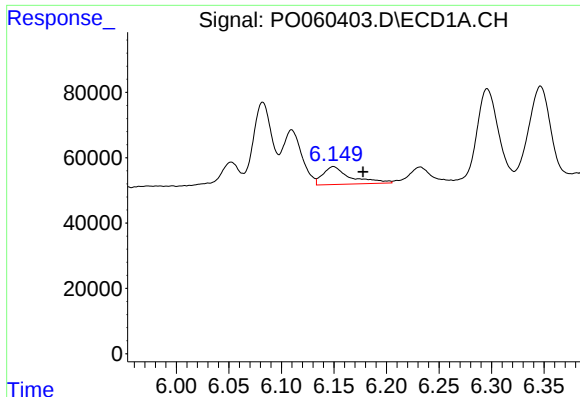
#24 AR-1248-4

R.T.: 6.149 min
Delta R.T.: 0.009 min
Response: 99194
Conc: 48.53 ng/ml



#24 AR-1248-4

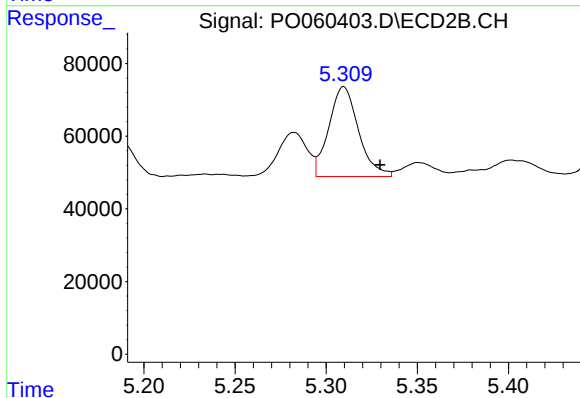
R.T.: 4.968 min
Delta R.T.: -0.019 min
Response: 114729
Conc: 78.96 ng/ml



#25 AR-1248-5

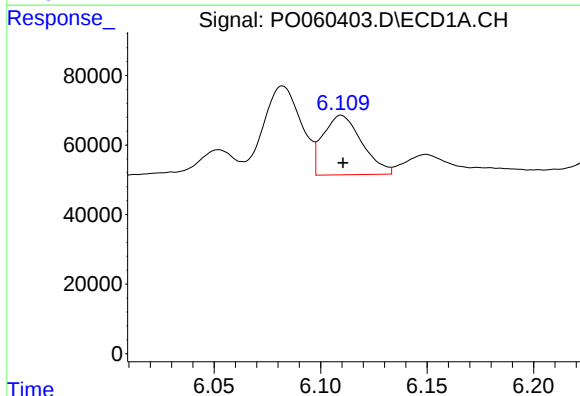
R.T.: 6.149 min
Delta R.T.: -0.028 min
Response: 99194
Conc: 50.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



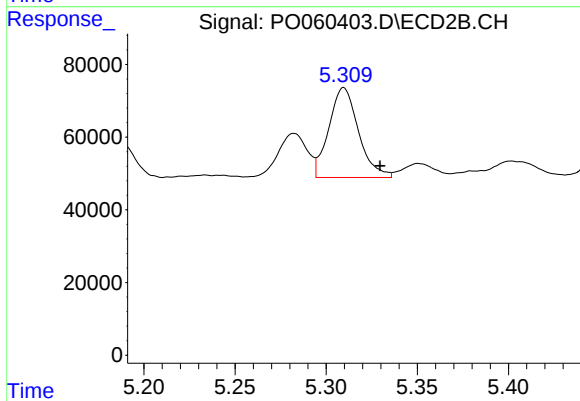
#25 AR-1248-5

R.T.: 5.310 min
Delta R.T.: -0.020 min
Response: 280562
Conc: 196.02 ng/ml



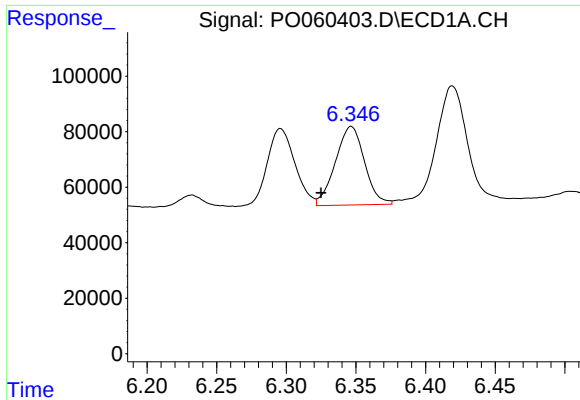
#26 AR-1254-1

R.T.: 6.110 min
Delta R.T.: 0.000 min
Response: 217317
Conc: 104.16 ng/ml



#26 AR-1254-1

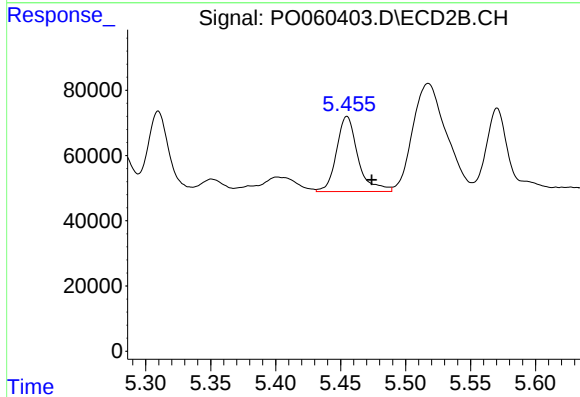
R.T.: 5.310 min
Delta R.T.: -0.020 min
Response: 280562
Conc: 118.29 ng/ml



#27 AR-1254-2

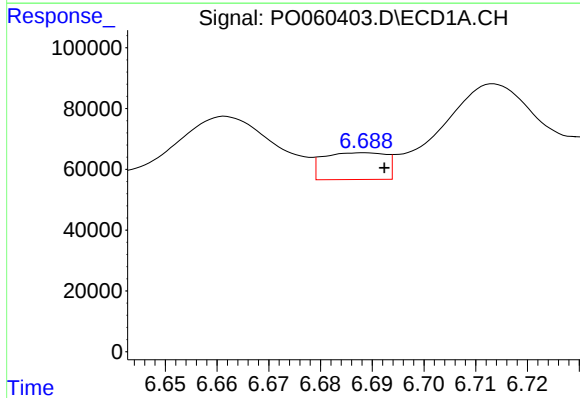
R.T.: 6.347 min
Delta R.T.: 0.021 min
Response: 411991
Conc: 123.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



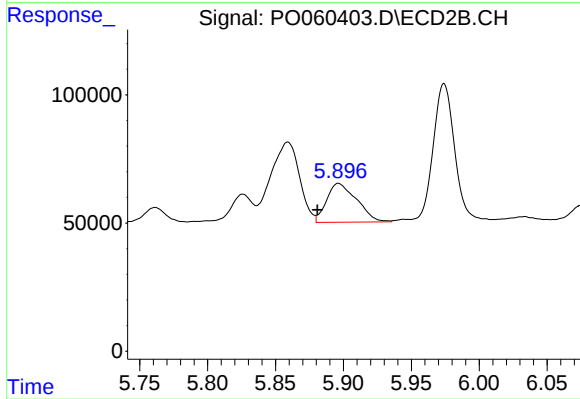
#27 AR-1254-2

R.T.: 5.455 min
Delta R.T.: -0.019 min
Response: 264657
Conc: 126.13 ng/ml



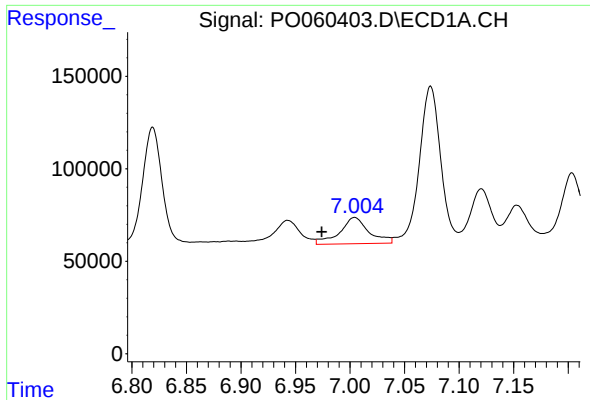
#28 AR-1254-3

R.T.: 6.688 min
Delta R.T.: -0.004 min
Response: 73966
Conc: 20.84 ng/ml



#28 AR-1254-3

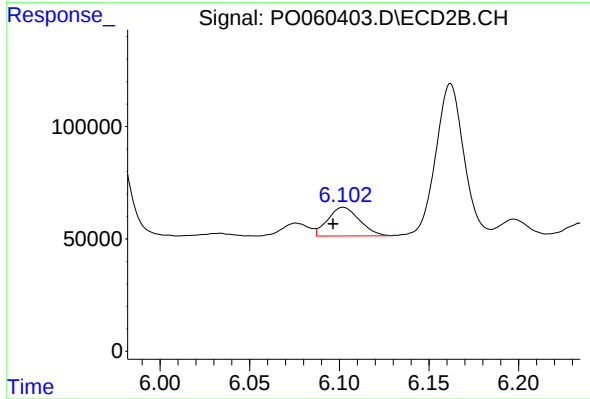
R.T.: 5.896 min
Delta R.T.: 0.016 min
Response: 233779
Conc: 69.53 ng/ml



#29 AR-1254-4

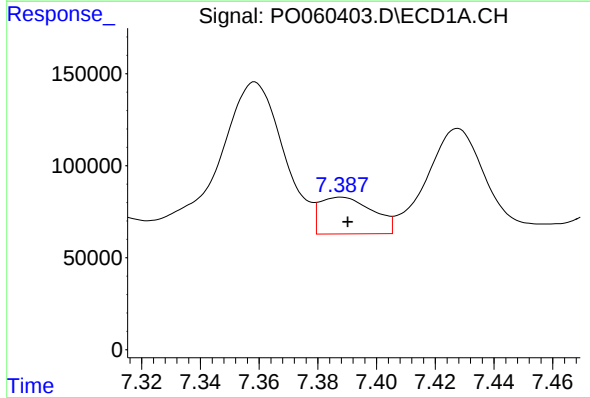
R.T.: 7.004 min
Delta R.T.: 0.030 min
Response: 265228
Conc: 90.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



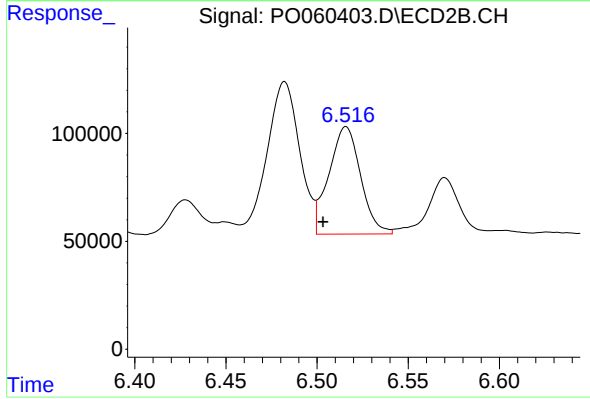
#29 AR-1254-4

R.T.: 6.102 min
Delta R.T.: 0.006 min
Response: 156571
Conc: 75.94 ng/ml



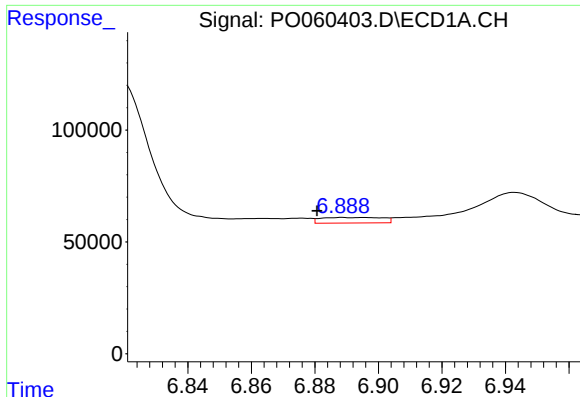
#30 AR-1254-5

R.T.: 7.388 min
Delta R.T.: -0.002 min
Response: 248763
Conc: 80.44 ng/ml



#30 AR-1254-5

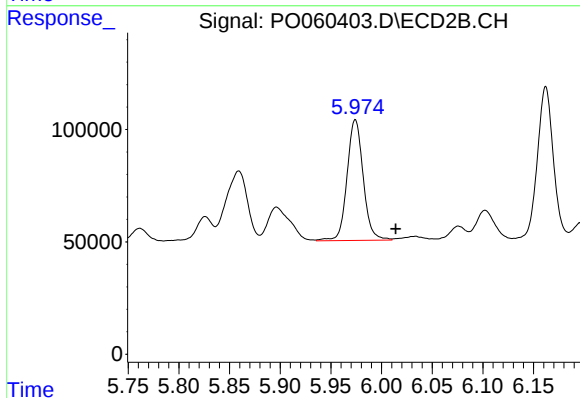
R.T.: 6.516 min
Delta R.T.: 0.013 min
Response: 603640
Conc: 194.41 ng/ml



#31 AR-1260-1

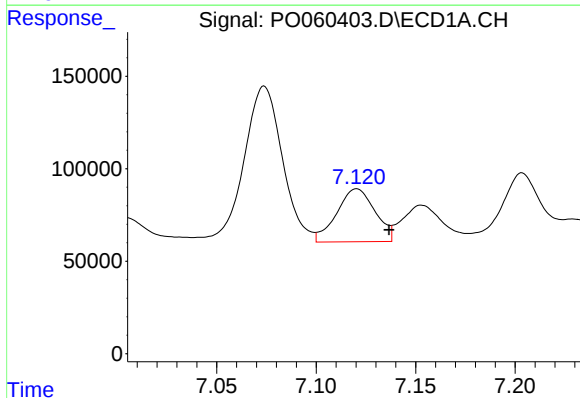
R.T.: 6.889 min
Delta R.T.: 0.008 min
Response: 33072
Conc: 12.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



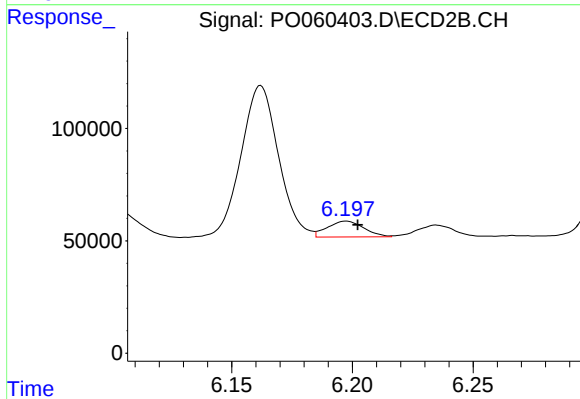
#31 AR-1260-1

R.T.: 5.974 min
Delta R.T.: -0.040 min
Response: 596651
Conc: 261.81 ng/ml



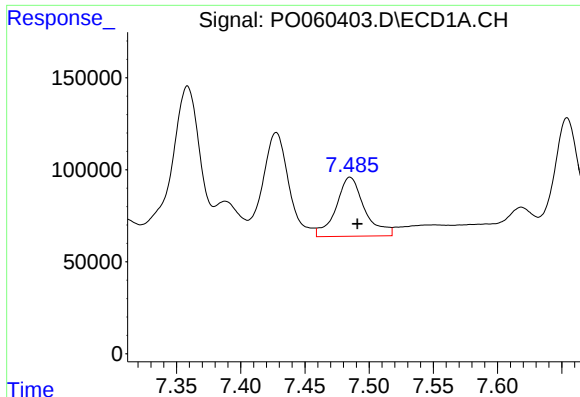
#32 AR-1260-2

R.T.: 7.120 min
Delta R.T.: -0.016 min
Response: 384653
Conc: 103.67 ng/ml



#32 AR-1260-2

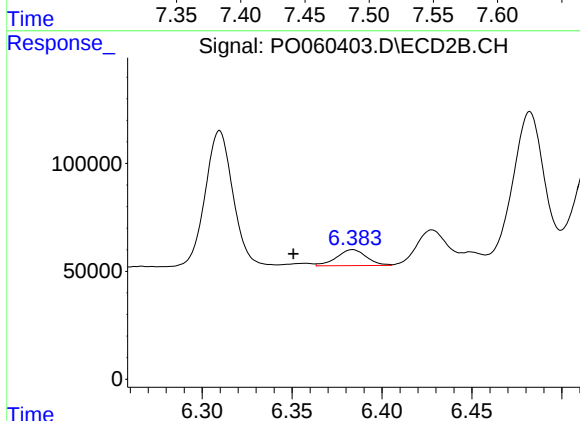
R.T.: 6.197 min
Delta R.T.: -0.005 min
Response: 73732
Conc: 25.17 ng/ml



#33 AR-1260-3

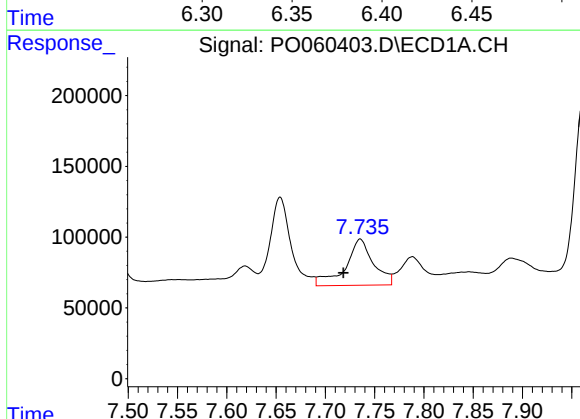
R.T.: 7.485 min
Delta R.T.: -0.006 min
Response: 496670
Conc: 151.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



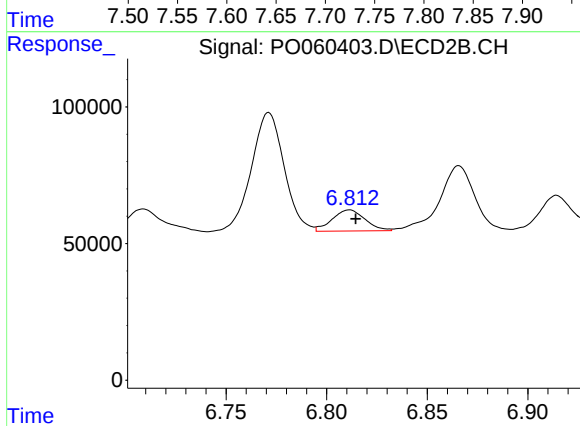
#33 AR-1260-3

R.T.: 6.384 min
Delta R.T.: 0.033 min
Response: 84997
Conc: 32.08 ng/ml



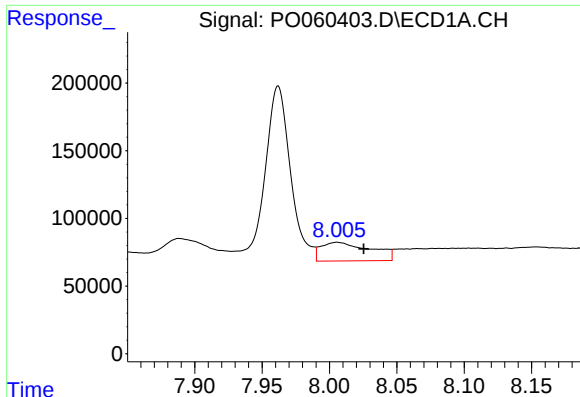
#34 AR-1260-4

R.T.: 7.735 min
Delta R.T.: 0.017 min
Response: 641716
Conc: 208.94 ng/ml



#34 AR-1260-4

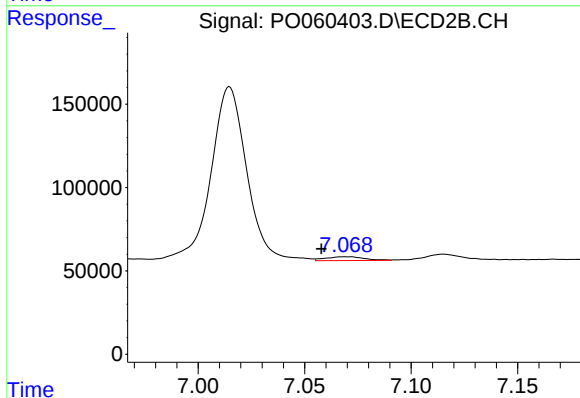
R.T.: 6.811 min
Delta R.T.: -0.003 min
Response: 87637
Conc: 38.73 ng/ml



#35 AR-1260-5

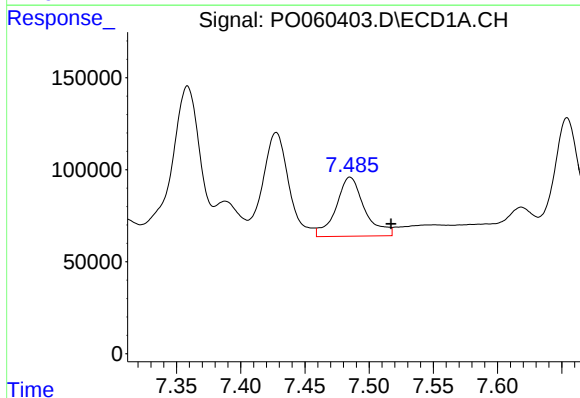
R.T.: 8.006 min
Delta R.T.: -0.020 min
Response: 356335
Conc: 50.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



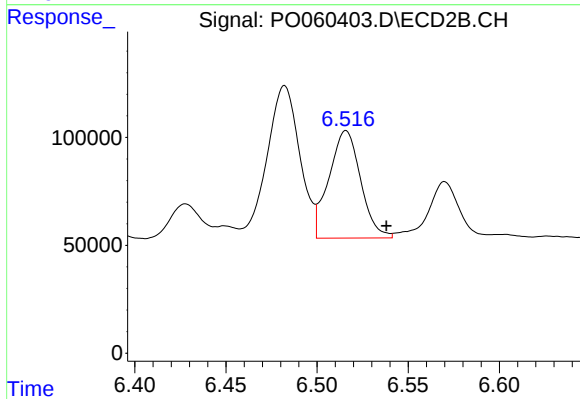
#35 AR-1260-5

R.T.: 7.069 min
Delta R.T.: 0.011 min
Response: 28246
Conc: 5.13 ng/ml



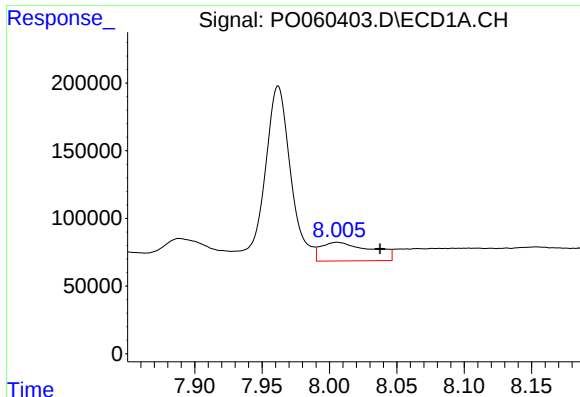
#36 AR-1262-1

R.T.: 7.485 min
Delta R.T.: -0.032 min
Response: 496670
Conc: 102.34 ng/ml



#36 AR-1262-1

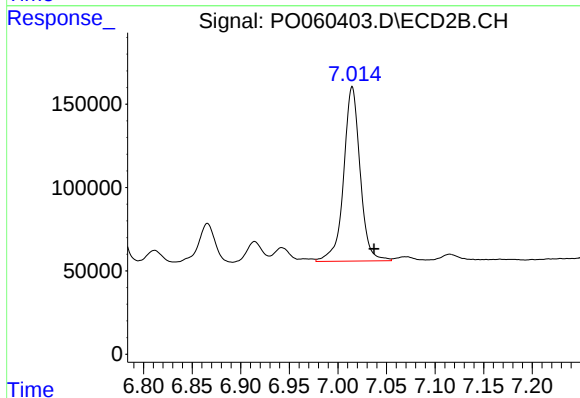
R.T.: 6.516 min
Delta R.T.: -0.022 min
Response: 603640
Conc: 161.94 ng/ml



#37 AR-1262-2

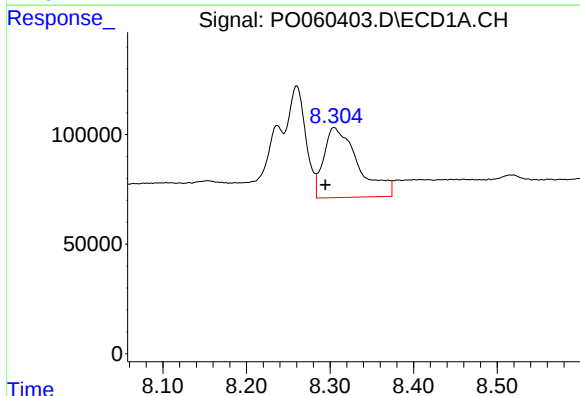
R.T.: 8.006 min
Delta R.T.: -0.032 min
Response: 356335
Conc: 46.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



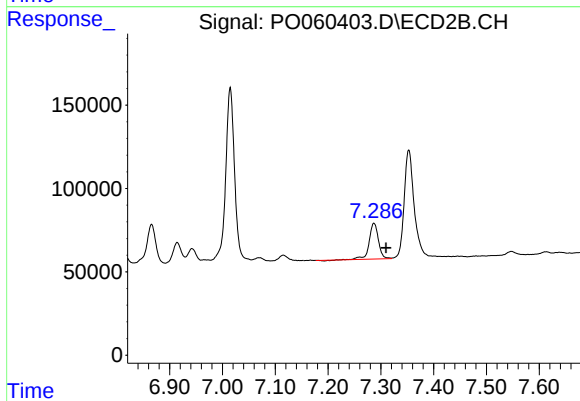
#37 AR-1262-2

R.T.: 7.015 min
Delta R.T.: -0.023 min
Response: 1235772
Conc: 210.20 ng/ml



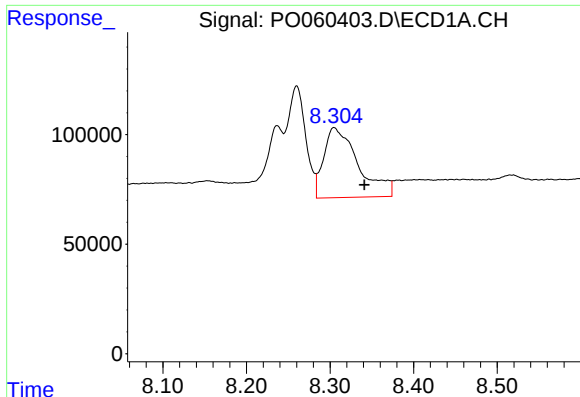
#38 AR-1262-3

R.T.: 8.305 min
Delta R.T.: 0.010 min
Response: 916171
Conc: 179.56 ng/ml



#38 AR-1262-3

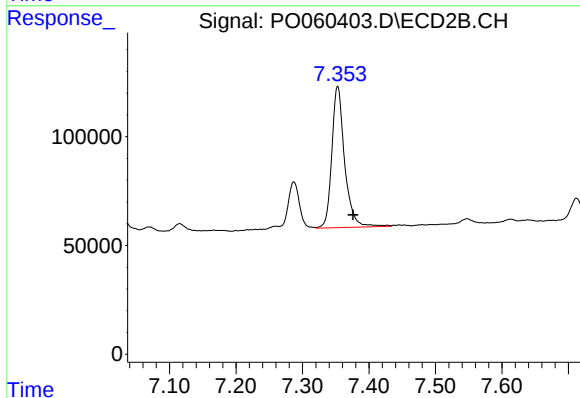
R.T.: 7.287 min
Delta R.T.: -0.023 min
Response: 260600
Conc: 102.56 ng/ml



#39 AR-1262-4

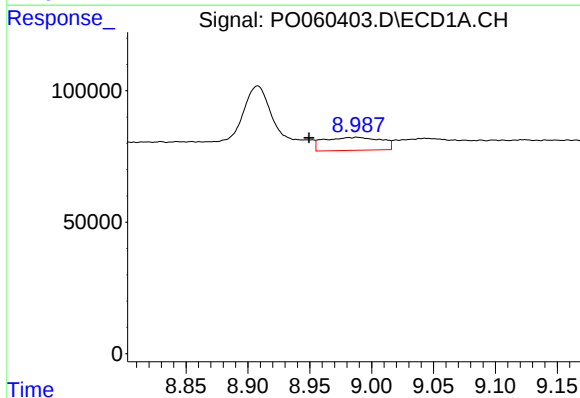
R.T.: 8.305 min
Delta R.T.: -0.036 min
Response: 916171
Conc: 237.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



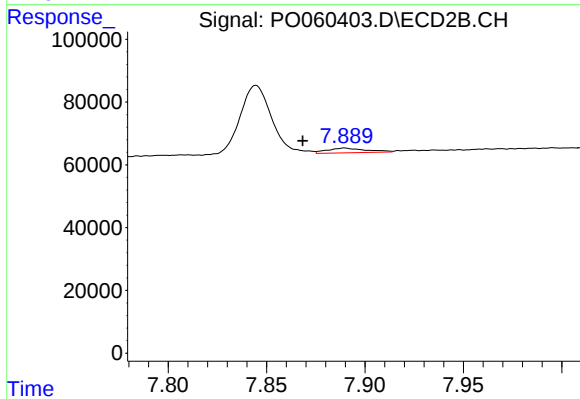
#39 AR-1262-4

R.T.: 7.353 min
Delta R.T.: -0.023 min
Response: 871952
Conc: 197.32 ng/ml



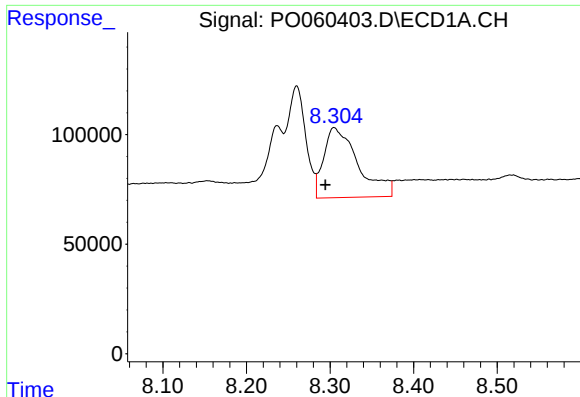
#40 AR-1262-5

R.T.: 8.988 min
Delta R.T.: 0.039 min
Response: 159236
Conc: 62.04 ng/ml



#40 AR-1262-5

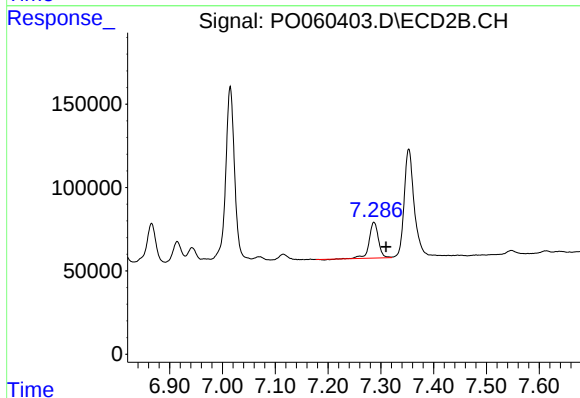
R.T.: 7.890 min
Delta R.T.: 0.021 min
Response: 20263
Conc: 11.22 ng/ml



#41 AR-1268-1

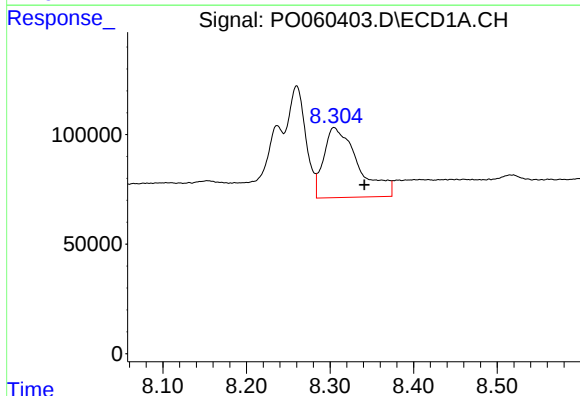
R.T.: 8.305 min
Delta R.T.: 0.010 min
Response: 916171
Conc: 97.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



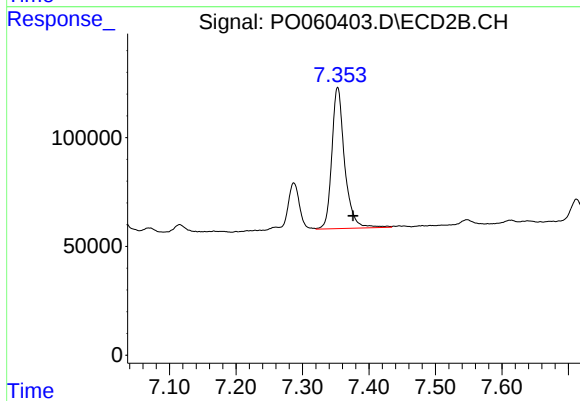
#41 AR-1268-1

R.T.: 7.287 min
Delta R.T.: -0.023 min
Response: 260600
Conc: 36.60 ng/ml



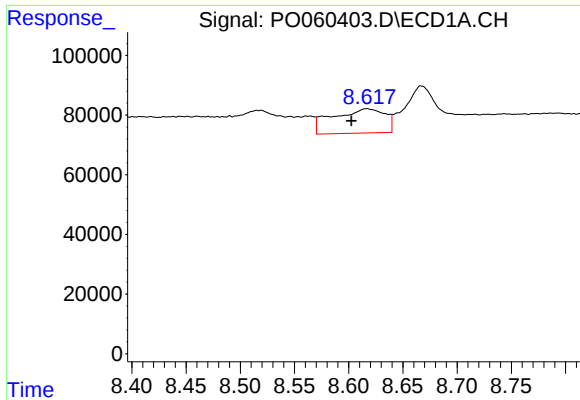
#42 AR-1268-2

R.T.: 8.305 min
Delta R.T.: -0.036 min
Response: 916171
Conc: 116.23 ng/ml



#42 AR-1268-2

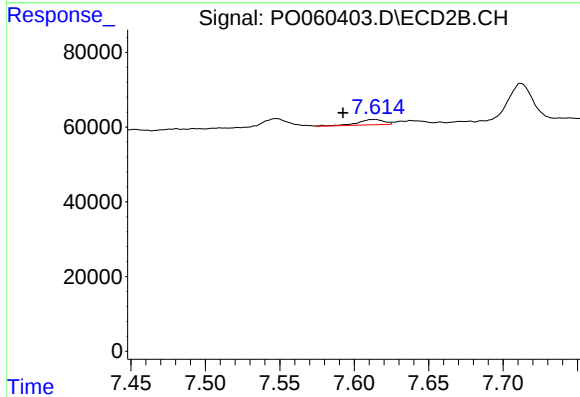
R.T.: 7.353 min
Delta R.T.: -0.023 min
Response: 871952
Conc: 135.23 ng/ml



#43 AR-1268-3

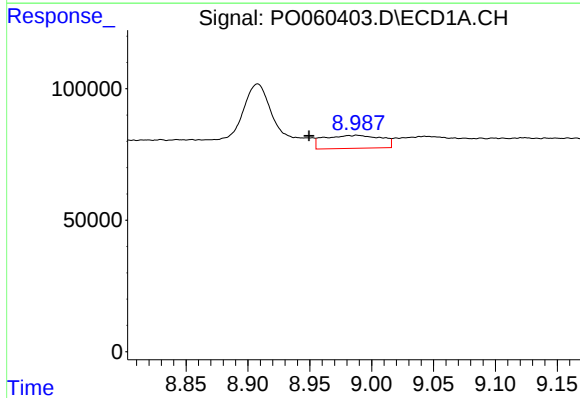
R.T.: 8.617 min
Delta R.T.: 0.014 min
Response: 274475
Conc: 38.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



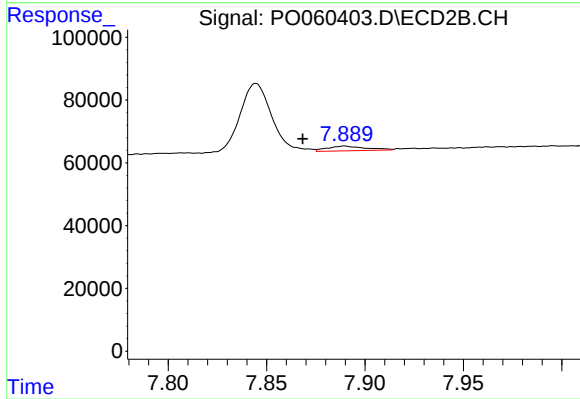
#43 AR-1268-3

R.T.: 7.613 min
Delta R.T.: 0.021 min
Response: 17576
Conc: 3.21 ng/ml



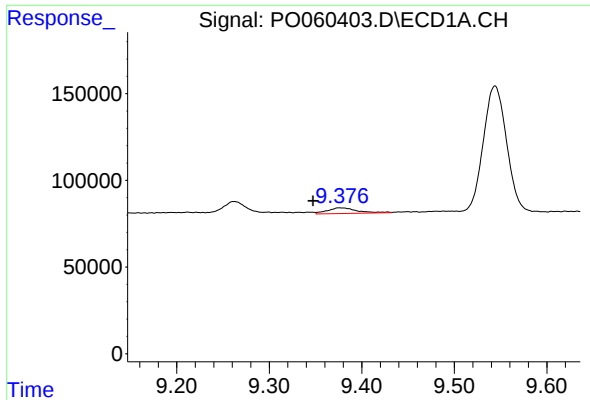
#44 AR-1268-4

R.T.: 8.988 min
Delta R.T.: 0.039 min
Response: 159236
Conc: 57.28 ng/ml



#44 AR-1268-4

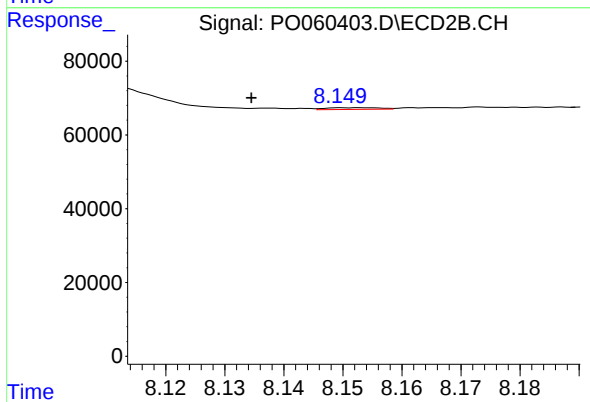
R.T.: 7.890 min
Delta R.T.: 0.021 min
Response: 20263
Conc: 9.93 ng/ml



#45 AR-1268-5

R.T.: 9.376 min
Delta R.T.: 0.028 min
Response: 73543
Conc: 3.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.153 min
Delta R.T.: 0.018 min
Response: 2990
Conc: 0.21 ng/ml