

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0060920\
 Data File : P0068904.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 09 Jun 2020 19:54
 Operator : DD\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 10 07:03:40 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0060520.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jun 09 05:05:57 2020
 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...	4.774	3.848	1175063	1324659	37.978	34.991
2)	SA Decachlor...	10.650	9.099	1469480	1547272	34.326	31.770
Target Compounds							
3)	L1 AR-1016-1	6.092	5.095	455464	564679	389.411	361.670
4)	L1 AR-1016-2	6.116	5.115	638464	763100	385.812	364.325
5)	L1 AR-1016-3	6.181	5.304	379558	415905	381.810	371.336
6)	L1 AR-1016-4	6.288	5.358	319805	347165	378.776	373.360
7)	L1 AR-1016-5	6.601	5.584	306377	434801	362.119	372.844
8)	L2 AR-1221-1	0.000	4.103	0	48606	N.D.	109.393 #
9)	L2 AR-1221-2	0.000	4.201	0	70248	N.D.	210.151 #
10)	L2 AR-1221-3	5.213	4.289	204206	266009	252.906	259.310
11)	L3 AR-1232-1	5.213	4.289	204206	266009	320.937	322.001
12)	L3 AR-1232-2	5.798	5.115	290994	763100	914.400	869.822
13)	L3 AR-1232-3	6.116	5.304	638464	415905	956.373	895.710
14)	L3 AR-1232-4	6.288	5.402	319805	391471	944.691	986.234
15)	L3 AR-1232-5	6.385	5.584	254051	434801	1231.431	953.691
16)	L4 AR-1242-1	6.092	5.095	455464	564679	485.999	464.497
17)	L4 AR-1242-2	6.116	5.115	638464	763100	495.357	468.653
18)	L4 AR-1242-3	6.181	5.304	379558	415905	490.163	469.469
19)	L4 AR-1242-4	6.288	5.402	319805	391471	490.051	466.265
20)	L4 AR-1242-5	7.067	5.962	67849	453837	89.700	378.421 #
21)	L5 AR-1248-1	6.092	5.095	455464	564679	643.177	620.202
22)	L5 AR-1248-2	6.385	5.358	254051	347165	296.231	291.305
23)	L5 AR-1248-3	6.601	5.402	306377	391471	298.717	335.408
24)	L5 AR-1248-4	7.028	5.584	100072	434801	78.287	297.381 #
25)	L5 AR-1248-5	7.067	6.004	67849	85564	57.043	55.069
26)	L6 AR-1254-1	6.997	5.962	335515	453837	264.283	183.653 #
27)	L6 AR-1254-2	7.225	6.122	326868	429026	160.586	192.161
28)	L6 AR-1254-3	7.605	6.538	316248	327845	148.763	96.183 #
29)	L6 AR-1254-4	7.900	6.777	265511	306783	137.143	128.202
30)	L6 AR-1254-5	8.324	7.203	1203140	1447407	643.246	460.615 #
31)	L7 AR-1260-1	7.770	6.674	753861	1040651	496.716	465.506
32)	L7 AR-1260-2	8.035	6.873	1095898	1293008	500.626	450.385
33)	L7 AR-1260-3	8.397	7.025	959260	1172943	510.023	456.858
34)	L7 AR-1260-4	8.626	7.505	889790	982664	498.515	452.357
35)	L7 AR-1260-5	8.941	7.753	1847960	2390116	427.984	432.503
36)	L8 AR-1262-1	8.397	7.203	959260	1447407	359.440	889.037 #
37)	L8 AR-1262-2	8.941	7.753	1847960	2390116	396.956	426.674
38)	L8 AR-1262-3	9.234	8.038	472626	607120	151.635	257.554 #
39)	L8 AR-1262-4	9.308	8.100	746959	1657644	313.853	399.947 #
40)	L8 AR-1262-5	9.956	8.596	527890	629112	286.911	302.212
41)	L9 AR-1268-1	9.234	8.038	472626	607120	75.554	84.720

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 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

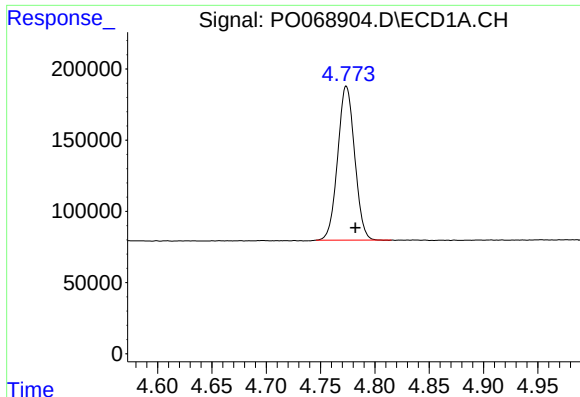
Instrument :
 ECD_O
 ClientSampleId :

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	9.308	8.100	746959	1657644	135.415	256.695 #
43) L9	AR-1268-3	0.000	8.307	0	40870	N.D.	7.558 #
44) L9	AR-1268-4	9.956	8.596	527890	629112	240.657	251.541
45) L9	AR-1268-5	10.340	8.868	144241	179980	9.567	10.800

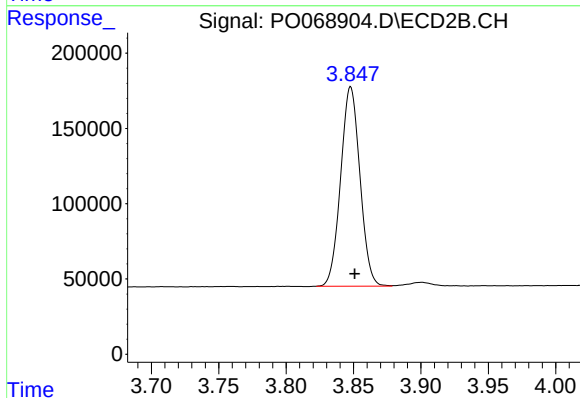
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

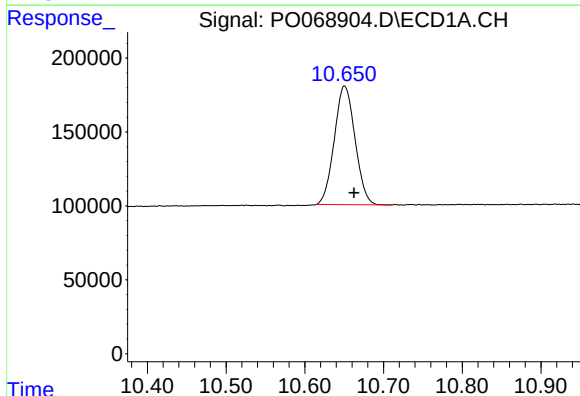
R.T.: 4.774 min
Delta R.T.: -0.008 min
Response: 1175063
Conc: 37.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



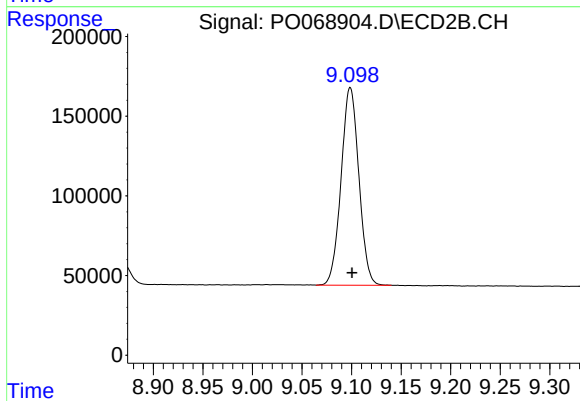
#1 Tetrachloro-m-xylene

R.T.: 3.848 min
Delta R.T.: -0.003 min
Response: 1324659
Conc: 34.99 ng/ml



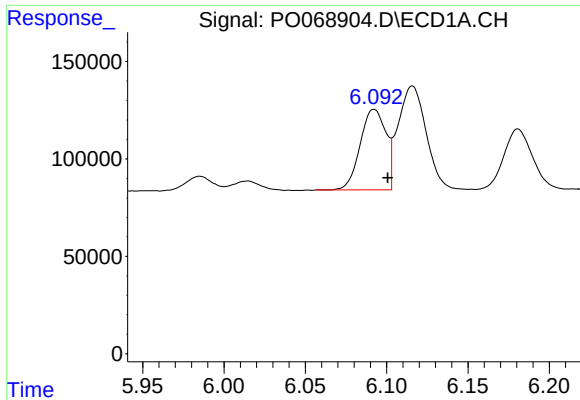
#2 Decachlorobiphenyl

R.T.: 10.650 min
Delta R.T.: -0.012 min
Response: 1469480
Conc: 34.33 ng/ml



#2 Decachlorobiphenyl

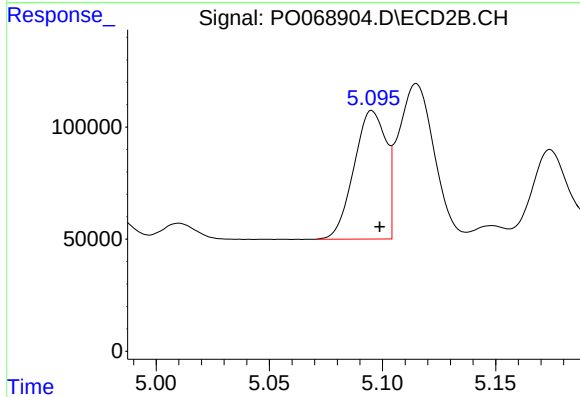
R.T.: 9.099 min
Delta R.T.: -0.002 min
Response: 1547272
Conc: 31.77 ng/ml



#3 AR-1016-1

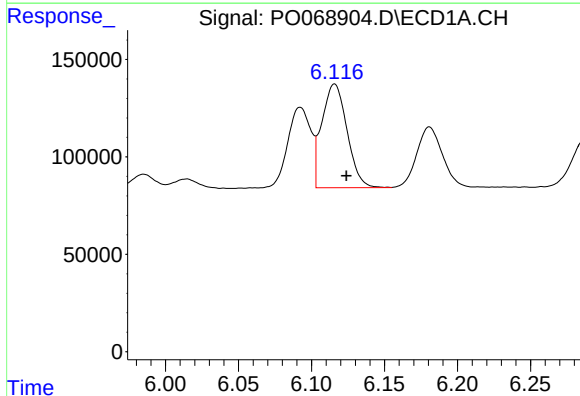
R.T.: 6.092 min
Delta R.T.: -0.008 min
Response: 455464
Conc: 389.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



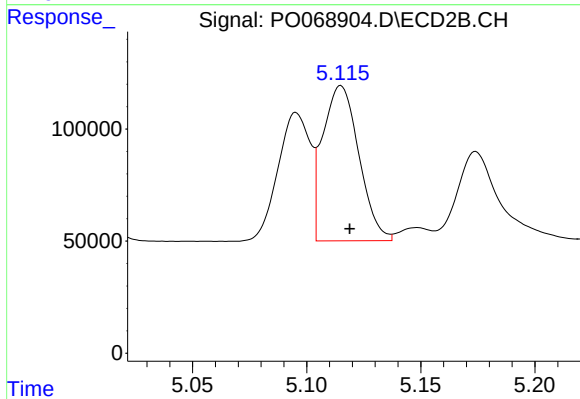
#3 AR-1016-1

R.T.: 5.095 min
Delta R.T.: -0.004 min
Response: 564679
Conc: 361.67 ng/ml



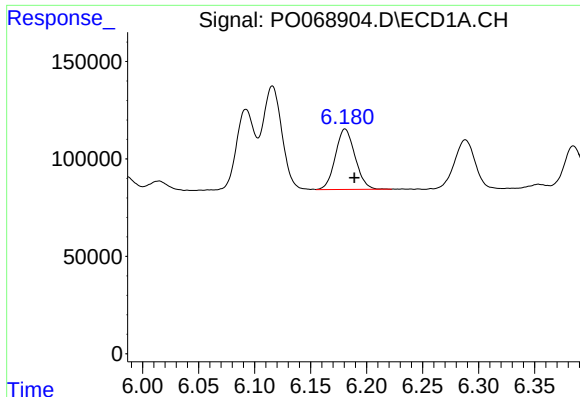
#4 AR-1016-2

R.T.: 6.116 min
Delta R.T.: -0.008 min
Response: 638464
Conc: 385.81 ng/ml



#4 AR-1016-2

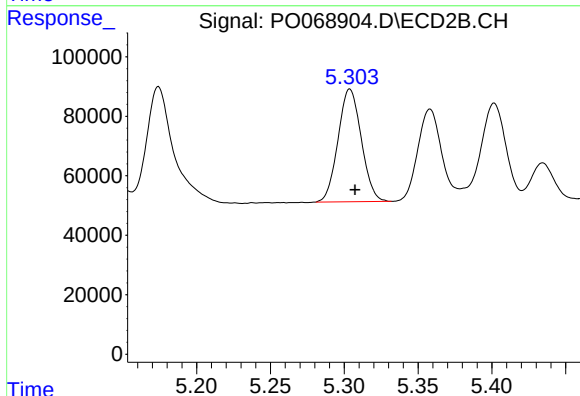
R.T.: 5.115 min
Delta R.T.: -0.004 min
Response: 763100
Conc: 364.32 ng/ml



#5 AR-1016-3

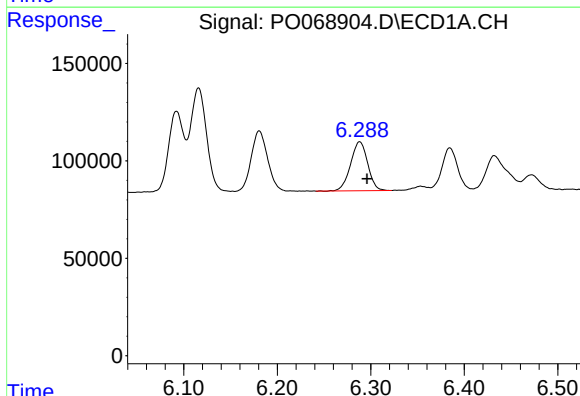
R.T.: 6.181 min
Delta R.T.: -0.008 min
Response: 379558
Conc: 381.81 ng/ml

Instrument :
ECD_O
ClientSampleId :



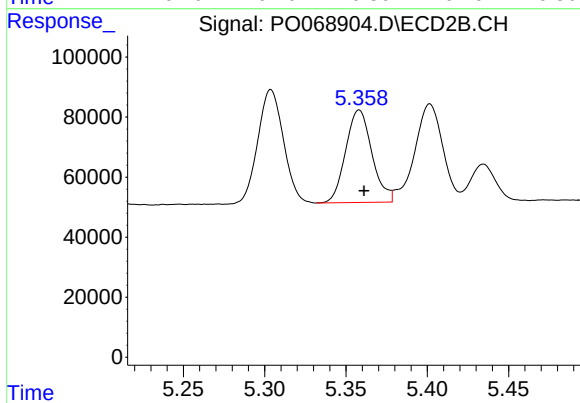
#5 AR-1016-3

R.T.: 5.304 min
Delta R.T.: -0.003 min
Response: 415905
Conc: 371.34 ng/ml



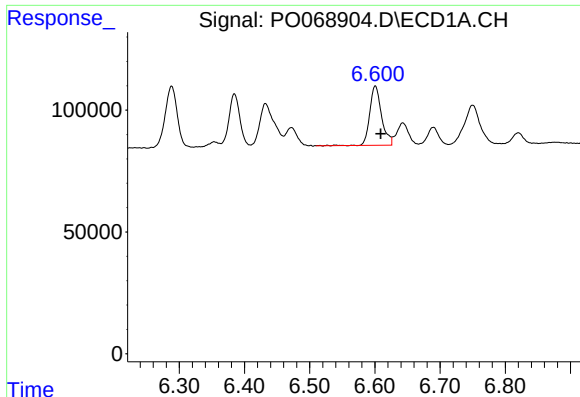
#6 AR-1016-4

R.T.: 6.288 min
Delta R.T.: -0.008 min
Response: 319805
Conc: 378.78 ng/ml



#6 AR-1016-4

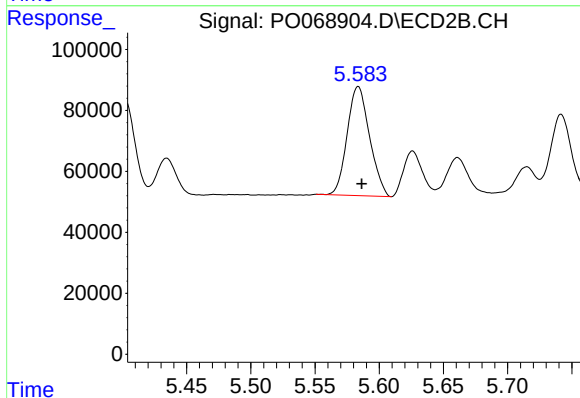
R.T.: 5.358 min
Delta R.T.: -0.003 min
Response: 347165
Conc: 373.36 ng/ml



#7 AR-1016-5

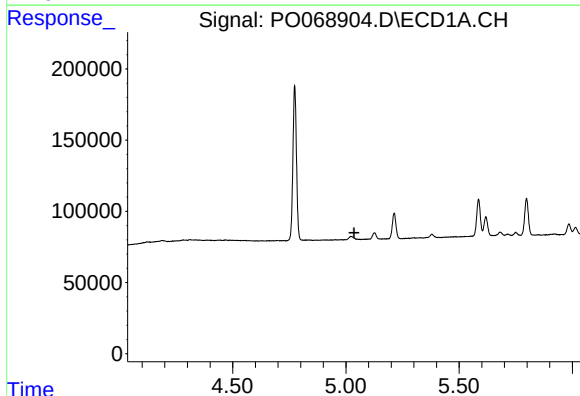
R.T.: 6.601 min
Delta R.T.: -0.008 min
Response: 306377
Conc: 362.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



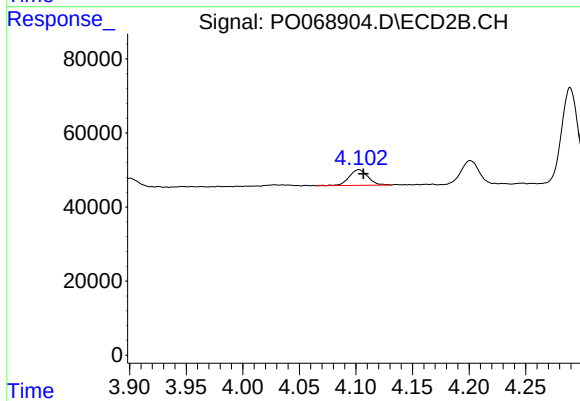
#7 AR-1016-5

R.T.: 5.584 min
Delta R.T.: -0.003 min
Response: 434801
Conc: 372.84 ng/ml



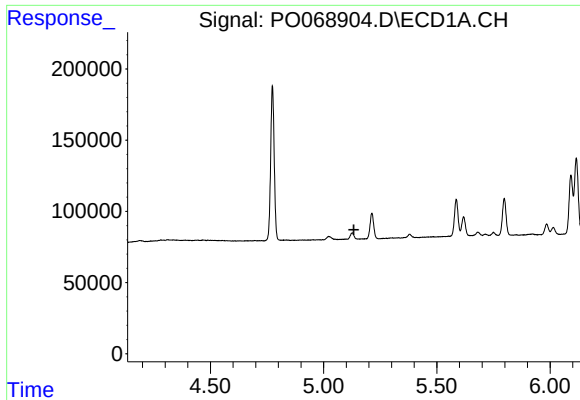
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 5.036 min
Response: 0
Conc: N.D.



#8 AR-1221-1

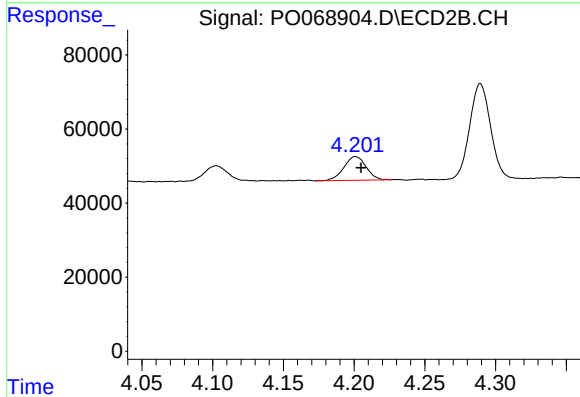
R.T.: 4.103 min
Delta R.T.: -0.004 min
Response: 48606
Conc: 109.39 ng/ml



#9 AR-1221-2

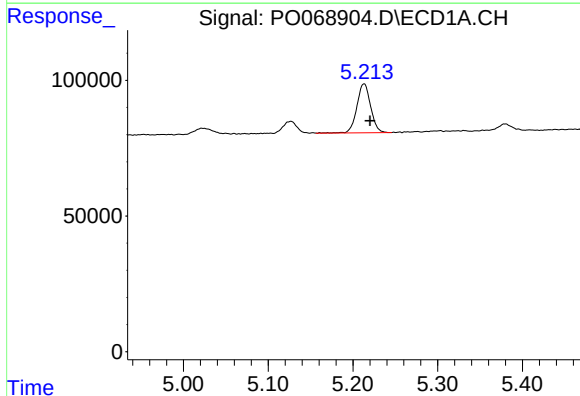
R.T.: 0.000 min
Exp R.T.: 5.133 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



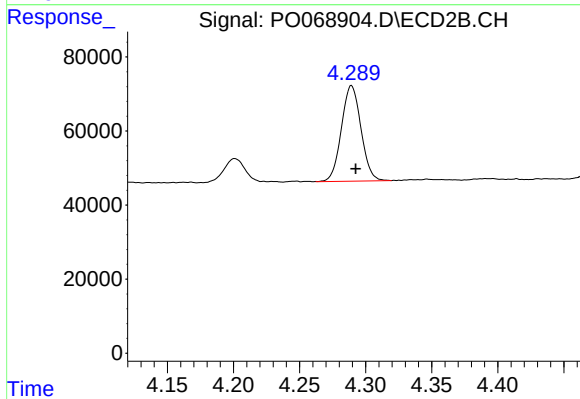
#9 AR-1221-2

R.T.: 4.201 min
Delta R.T.: -0.004 min
Response: 70248
Conc: 210.15 ng/ml



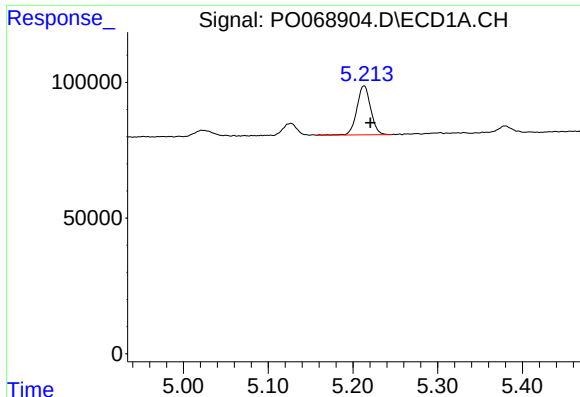
#10 AR-1221-3

R.T.: 5.213 min
Delta R.T.: -0.007 min
Response: 204206
Conc: 252.91 ng/ml



#10 AR-1221-3

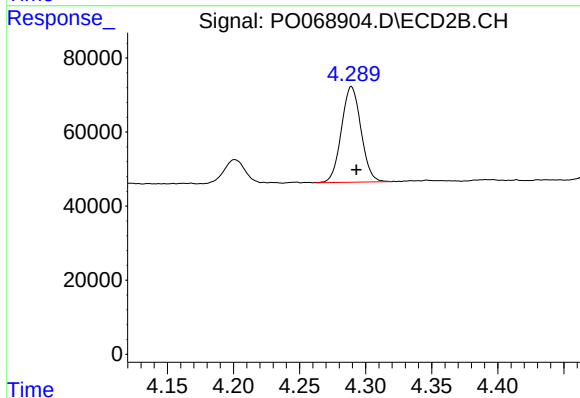
R.T.: 4.289 min
Delta R.T.: -0.003 min
Response: 266009
Conc: 259.31 ng/ml



#11 AR-1232-1

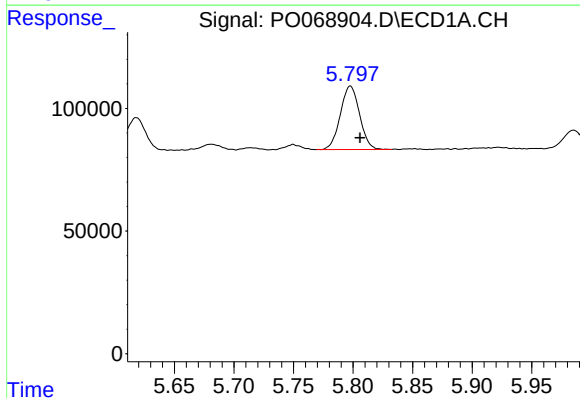
R.T.: 5.213 min
Delta R.T.: -0.007 min
Response: 204206
Conc: 320.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



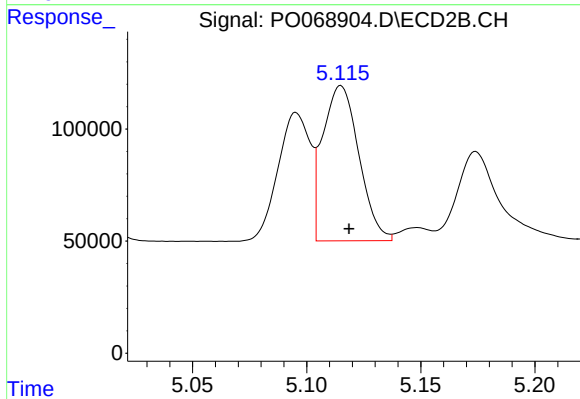
#11 AR-1232-1

R.T.: 4.289 min
Delta R.T.: -0.004 min
Response: 266009
Conc: 322.00 ng/ml



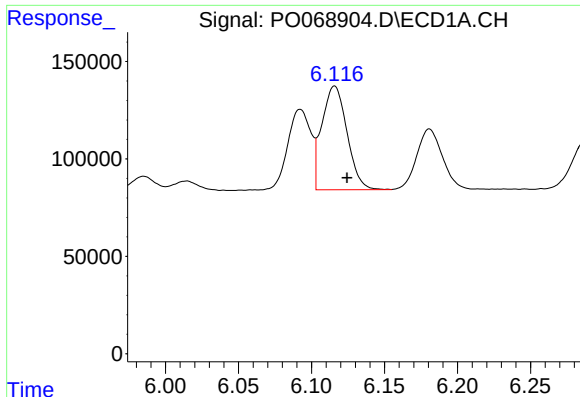
#12 AR-1232-2

R.T.: 5.798 min
Delta R.T.: -0.008 min
Response: 290994
Conc: 914.40 ng/ml



#12 AR-1232-2

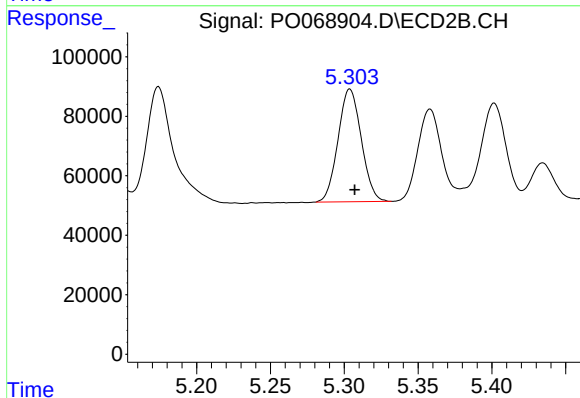
R.T.: 5.115 min
Delta R.T.: -0.003 min
Response: 763100
Conc: 869.82 ng/ml



#13 AR-1232-3

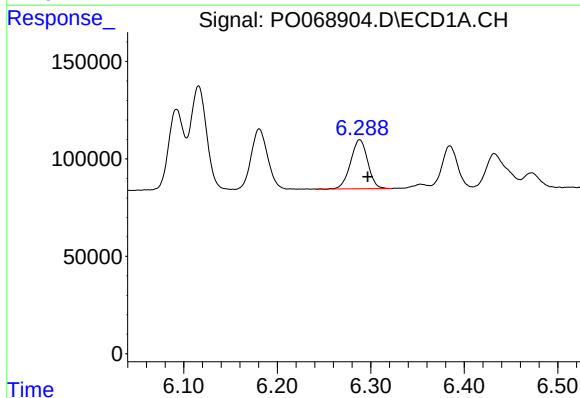
R.T.: 6.116 min
Delta R.T.: -0.009 min
Response: 638464
Conc: 956.37 ng/ml

Instrument :
ECD_O
ClientSampleId :



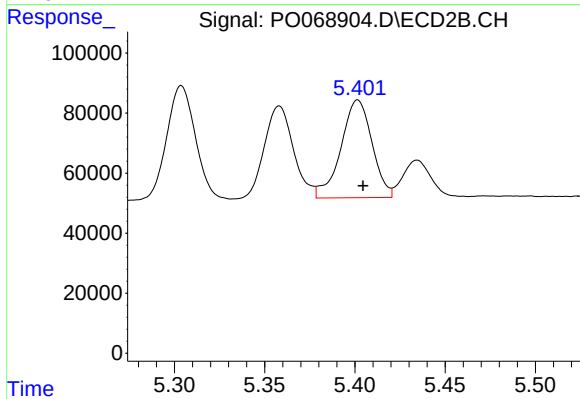
#13 AR-1232-3

R.T.: 5.304 min
Delta R.T.: -0.003 min
Response: 415905
Conc: 895.71 ng/ml



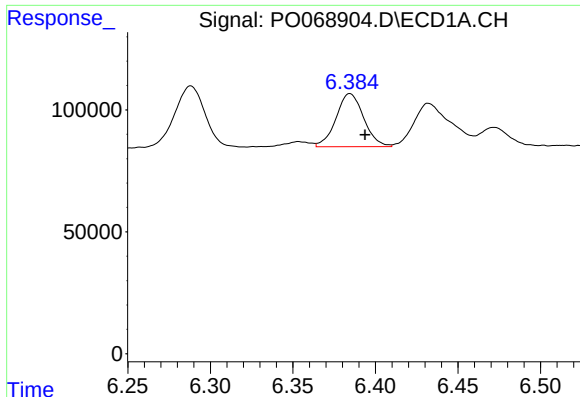
#14 AR-1232-4

R.T.: 6.288 min
Delta R.T.: -0.008 min
Response: 319805
Conc: 944.69 ng/ml



#14 AR-1232-4

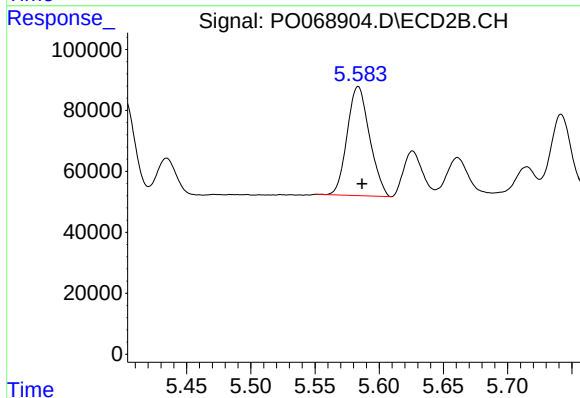
R.T.: 5.402 min
Delta R.T.: -0.003 min
Response: 391471
Conc: 986.23 ng/ml



#15 AR-1232-5

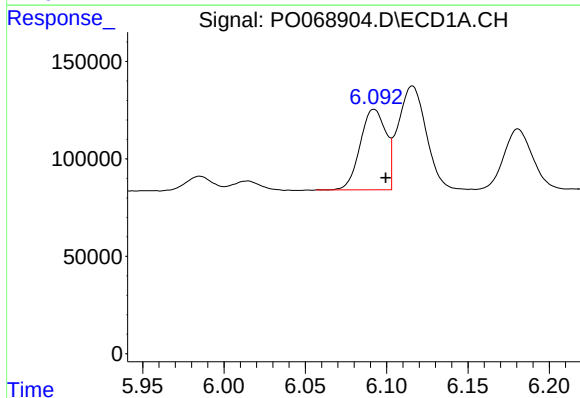
R.T.: 6.385 min
Delta R.T.: -0.009 min
Response: 254051
Conc: 1231.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



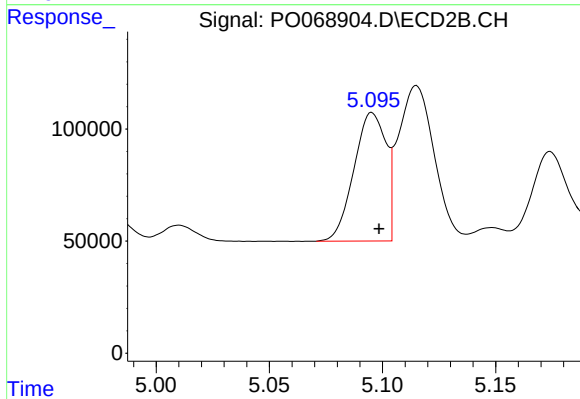
#15 AR-1232-5

R.T.: 5.584 min
Delta R.T.: -0.003 min
Response: 434801
Conc: 953.69 ng/ml



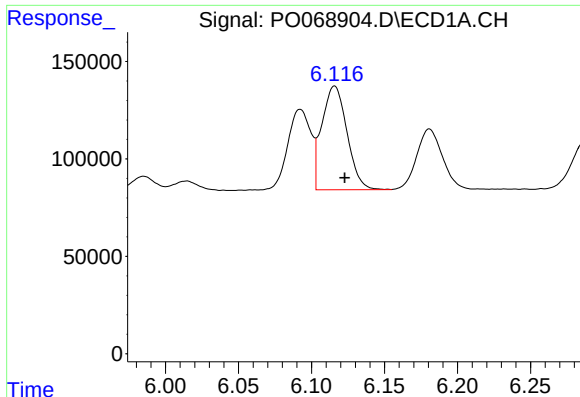
#16 AR-1242-1

R.T.: 6.092 min
Delta R.T.: -0.007 min
Response: 455464
Conc: 486.00 ng/ml



#16 AR-1242-1

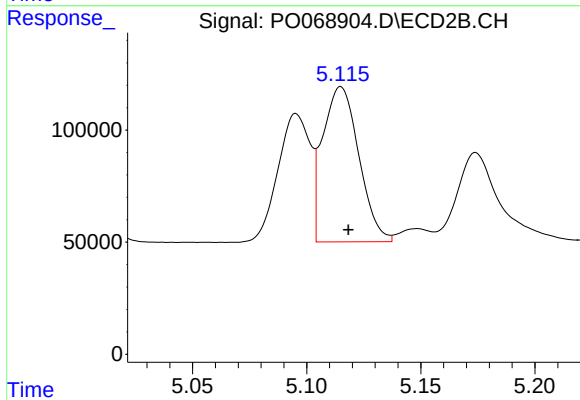
R.T.: 5.095 min
Delta R.T.: -0.003 min
Response: 564679
Conc: 464.50 ng/ml



#17 AR-1242-2

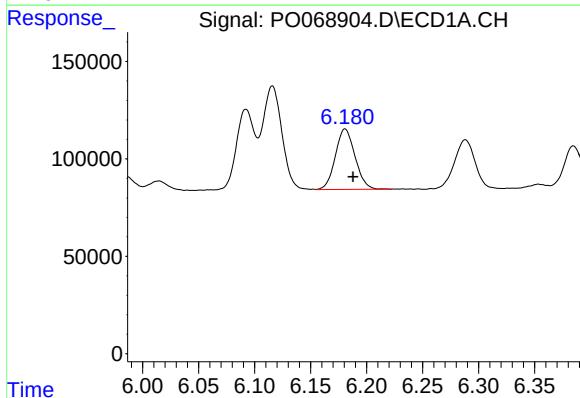
R.T.: 6.116 min
Delta R.T.: -0.007 min
Response: 638464
Conc: 495.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



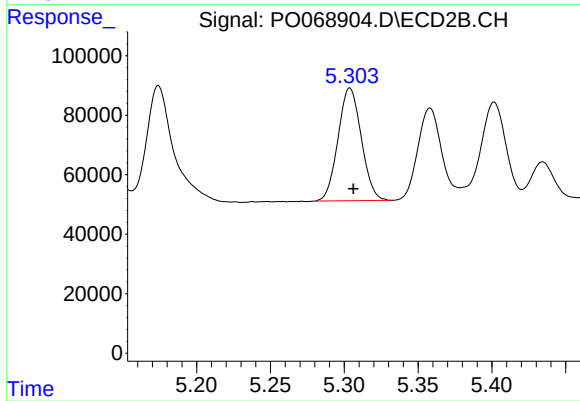
#17 AR-1242-2

R.T.: 5.115 min
Delta R.T.: -0.003 min
Response: 763100
Conc: 468.65 ng/ml



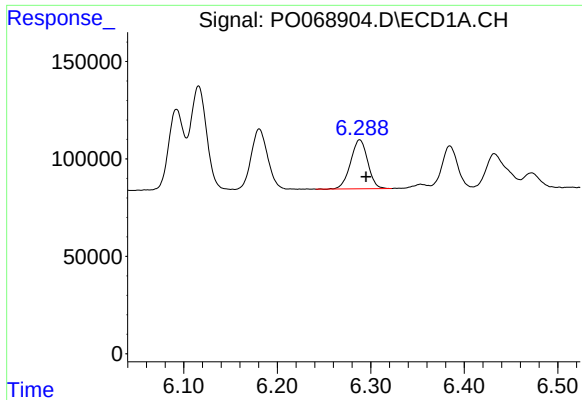
#18 AR-1242-3

R.T.: 6.181 min
Delta R.T.: -0.007 min
Response: 379558
Conc: 490.16 ng/ml



#18 AR-1242-3

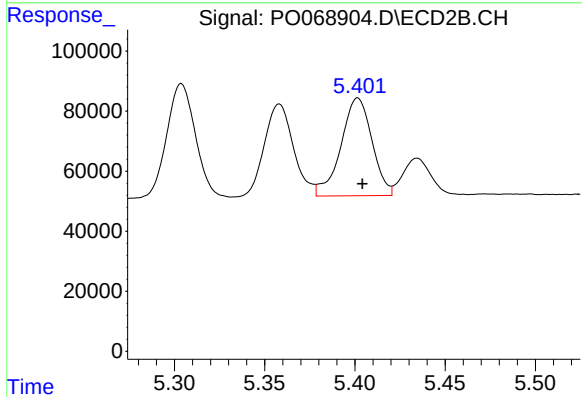
R.T.: 5.304 min
Delta R.T.: -0.002 min
Response: 415905
Conc: 469.47 ng/ml



#19 AR-1242-4

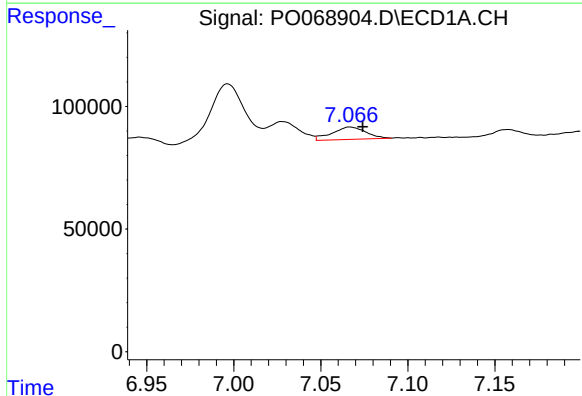
R.T.: 6.288 min
Delta R.T.: -0.007 min
Response: 319805
Conc: 490.05 ng/ml

Instrument :
ECD_O
ClientSampleId :



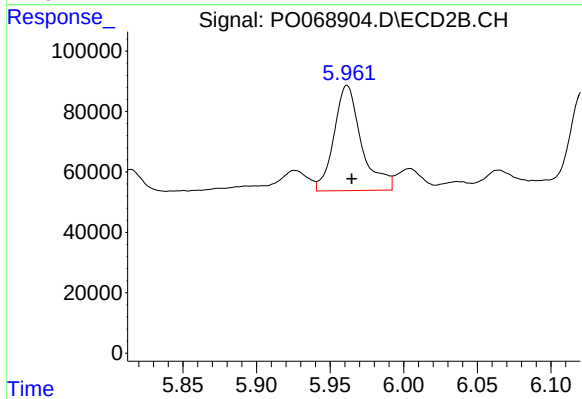
#19 AR-1242-4

R.T.: 5.402 min
Delta R.T.: -0.003 min
Response: 391471
Conc: 466.26 ng/ml



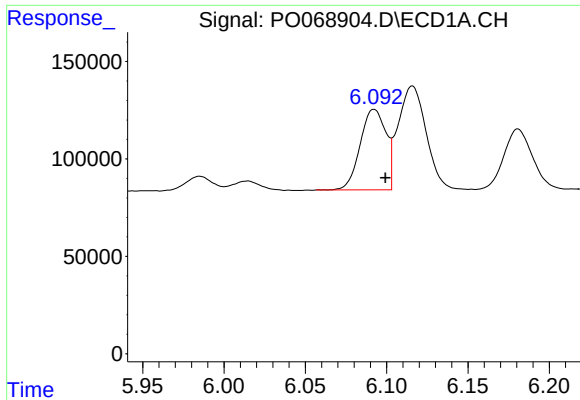
#20 AR-1242-5

R.T.: 7.067 min
Delta R.T.: -0.007 min
Response: 67849
Conc: 89.70 ng/ml



#20 AR-1242-5

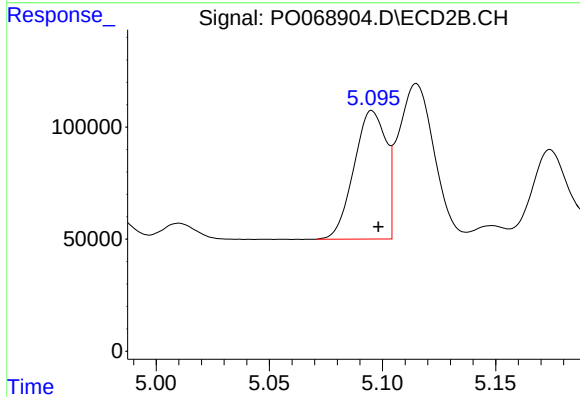
R.T.: 5.962 min
Delta R.T.: -0.003 min
Response: 453837
Conc: 378.42 ng/ml



#21 AR-1248-1

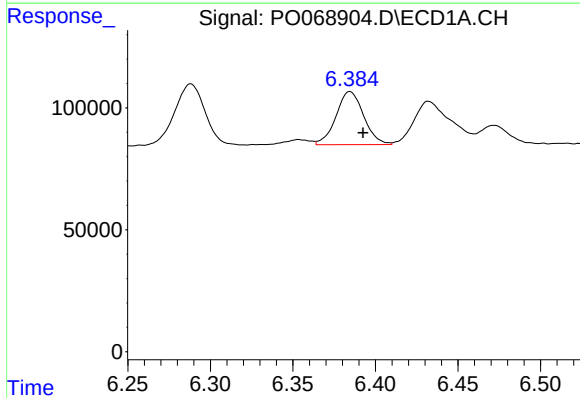
R.T.: 6.092 min
Delta R.T.: -0.007 min
Response: 455464
Conc: 643.18 ng/ml

Instrument :
ECD_O
ClientSampleId :



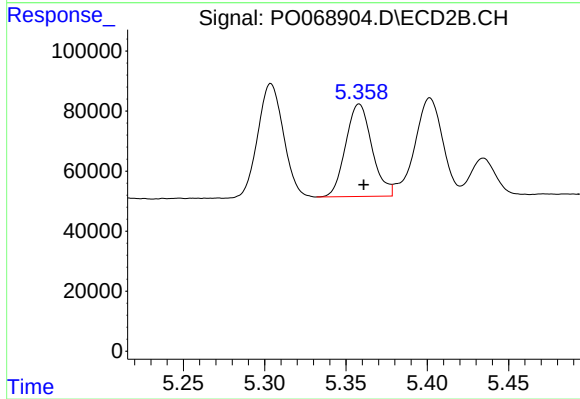
#21 AR-1248-1

R.T.: 5.095 min
Delta R.T.: -0.003 min
Response: 564679
Conc: 620.20 ng/ml



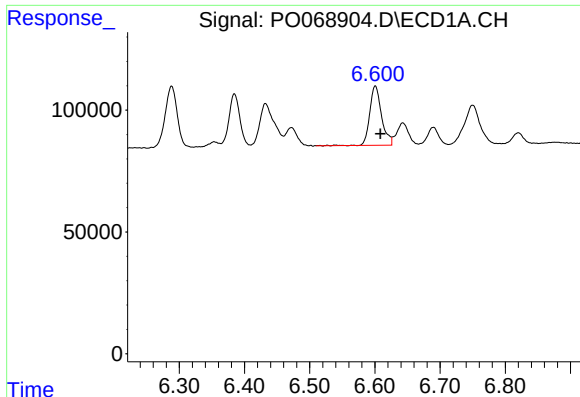
#22 AR-1248-2

R.T.: 6.385 min
Delta R.T.: -0.008 min
Response: 254051
Conc: 296.23 ng/ml



#22 AR-1248-2

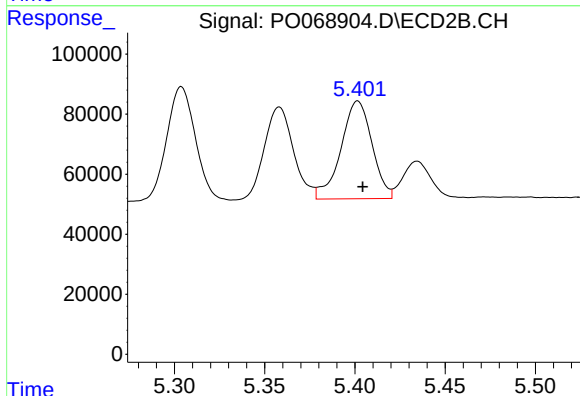
R.T.: 5.358 min
Delta R.T.: -0.003 min
Response: 347165
Conc: 291.31 ng/ml



#23 AR-1248-3

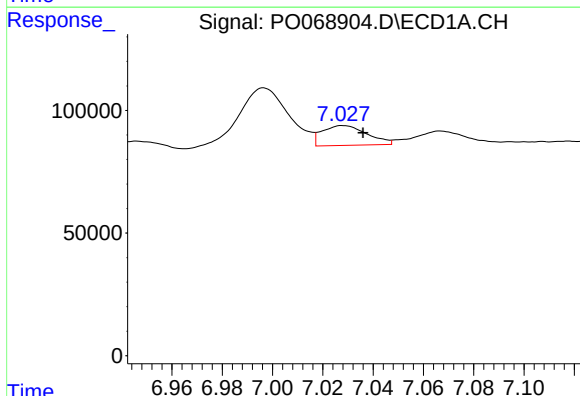
R.T.: 6.601 min
Delta R.T.: -0.008 min
Response: 306377
Conc: 298.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



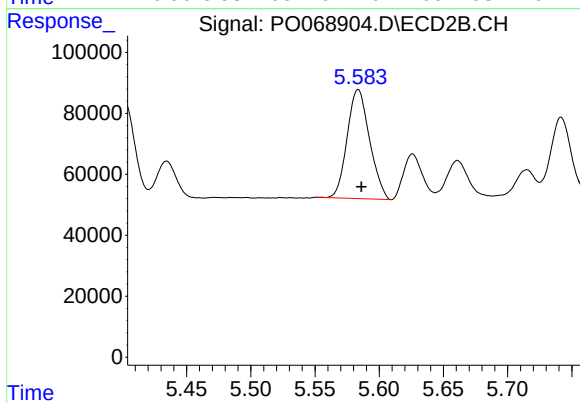
#23 AR-1248-3

R.T.: 5.402 min
Delta R.T.: -0.003 min
Response: 391471
Conc: 335.41 ng/ml



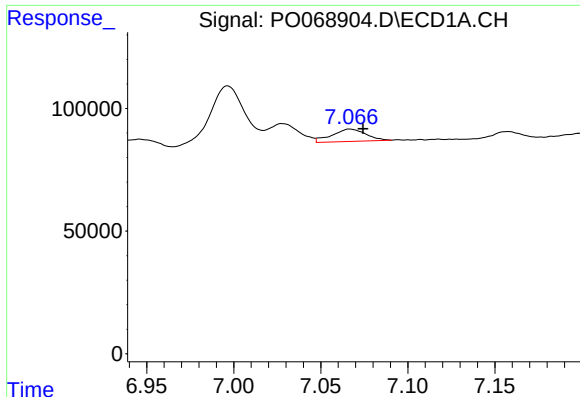
#24 AR-1248-4

R.T.: 7.028 min
Delta R.T.: -0.008 min
Response: 100072
Conc: 78.29 ng/ml



#24 AR-1248-4

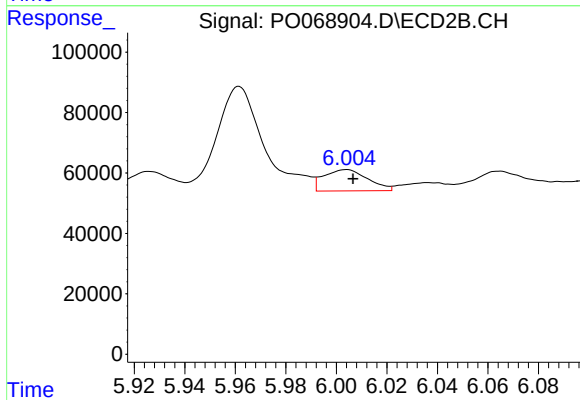
R.T.: 5.584 min
Delta R.T.: -0.002 min
Response: 434801
Conc: 297.38 ng/ml



#25 AR-1248-5

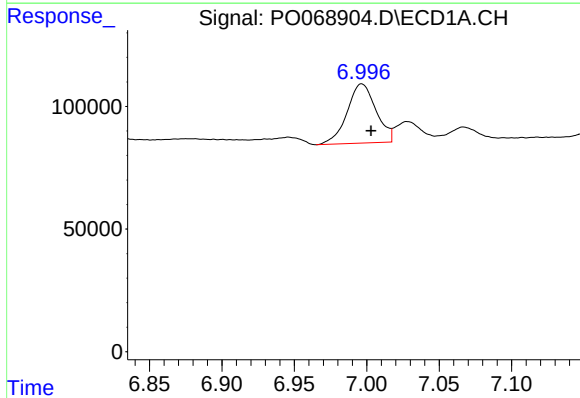
R.T.: 7.067 min
Delta R.T.: -0.007 min
Response: 67849
Conc: 57.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



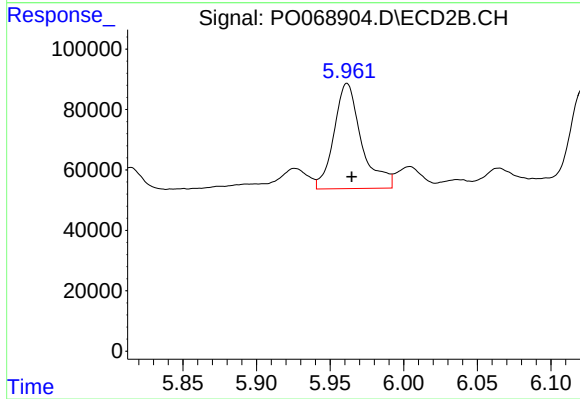
#25 AR-1248-5

R.T.: 6.004 min
Delta R.T.: -0.003 min
Response: 85564
Conc: 55.07 ng/ml



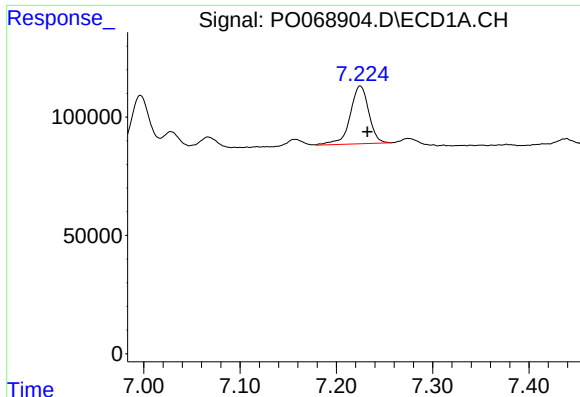
#26 AR-1254-1

R.T.: 6.997 min
Delta R.T.: -0.006 min
Response: 335515
Conc: 264.28 ng/ml



#26 AR-1254-1

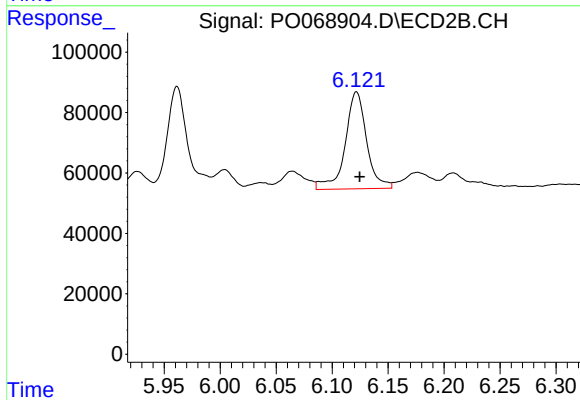
R.T.: 5.962 min
Delta R.T.: -0.003 min
Response: 453837
Conc: 183.65 ng/ml



#27 AR-1254-2

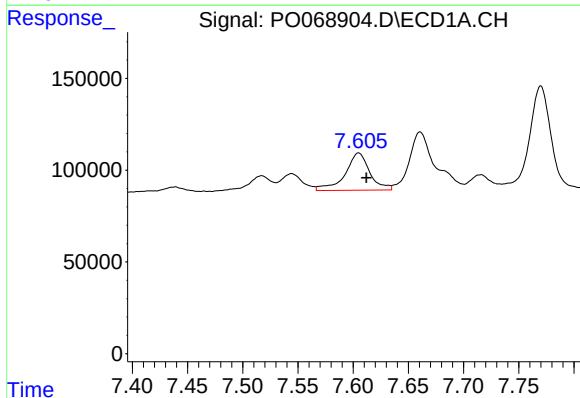
R.T.: 7.225 min
Delta R.T.: -0.007 min
Response: 326868
Conc: 160.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



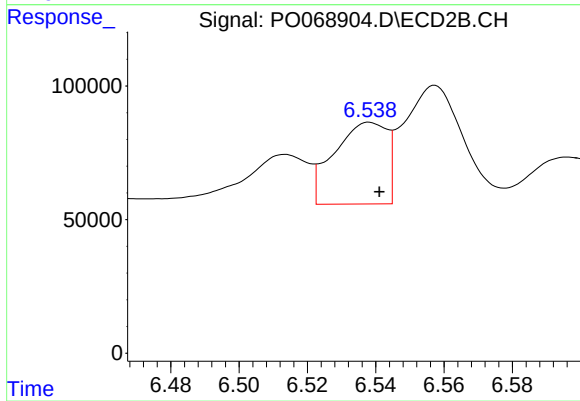
#27 AR-1254-2

R.T.: 6.122 min
Delta R.T.: -0.003 min
Response: 429026
Conc: 192.16 ng/ml



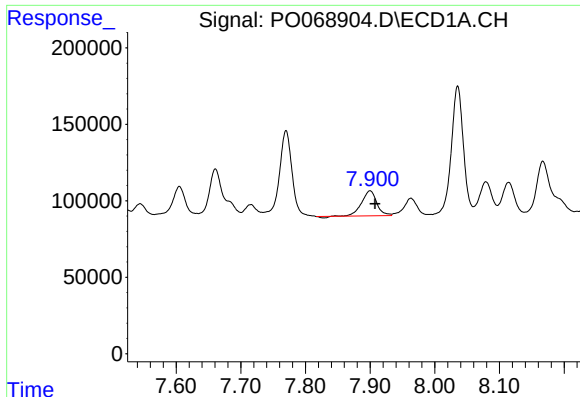
#28 AR-1254-3

R.T.: 7.605 min
Delta R.T.: -0.007 min
Response: 316248
Conc: 148.76 ng/ml



#28 AR-1254-3

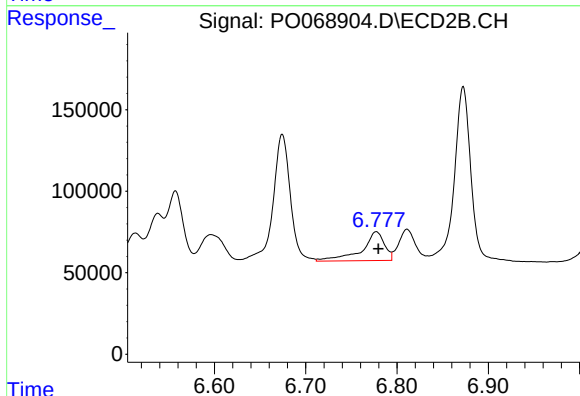
R.T.: 6.538 min
Delta R.T.: -0.003 min
Response: 327845
Conc: 96.18 ng/ml



#29 AR-1254-4

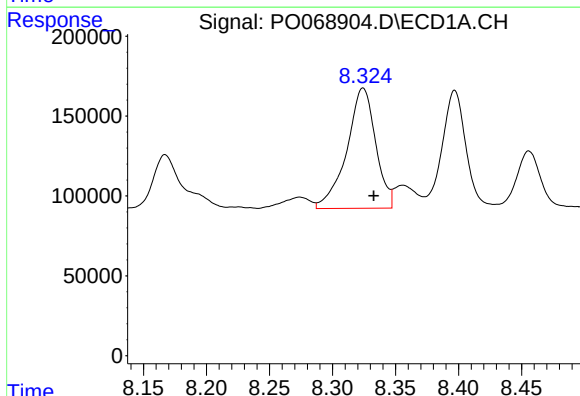
R.T.: 7.900 min
Delta R.T.: -0.008 min
Response: 265511
Conc: 137.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



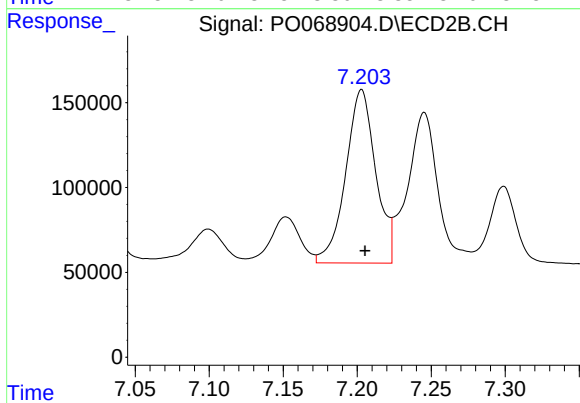
#29 AR-1254-4

R.T.: 6.777 min
Delta R.T.: -0.003 min
Response: 306783
Conc: 128.20 ng/ml



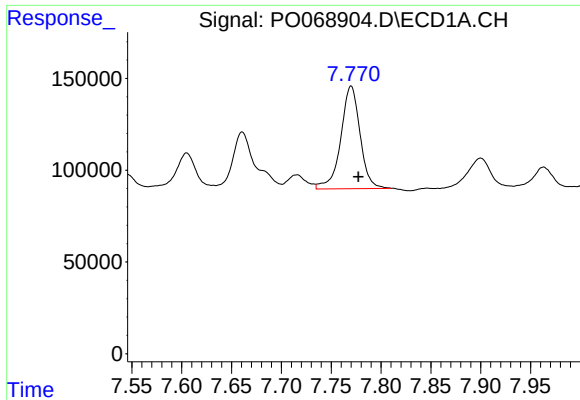
#30 AR-1254-5

R.T.: 8.324 min
Delta R.T.: -0.009 min
Response: 1203140
Conc: 643.25 ng/ml



#30 AR-1254-5

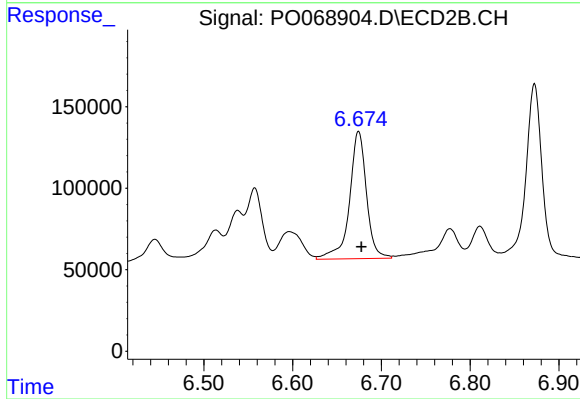
R.T.: 7.203 min
Delta R.T.: -0.002 min
Response: 1447407
Conc: 460.62 ng/ml



#31 AR-1260-1

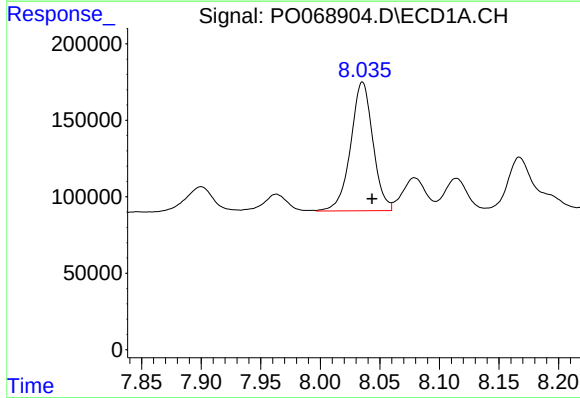
R.T.: 7.770 min
Delta R.T.: -0.007 min
Response: 753861
Conc: 496.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



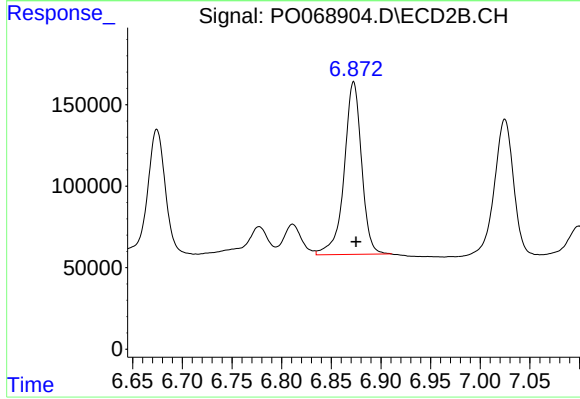
#31 AR-1260-1

R.T.: 6.674 min
Delta R.T.: -0.003 min
Response: 1040651
Conc: 465.51 ng/ml



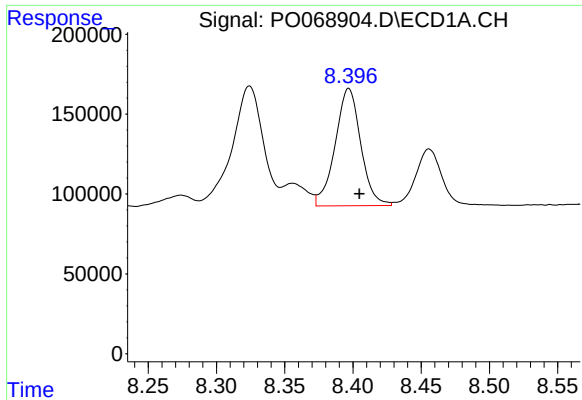
#32 AR-1260-2

R.T.: 8.035 min
Delta R.T.: -0.008 min
Response: 1095898
Conc: 500.63 ng/ml



#32 AR-1260-2

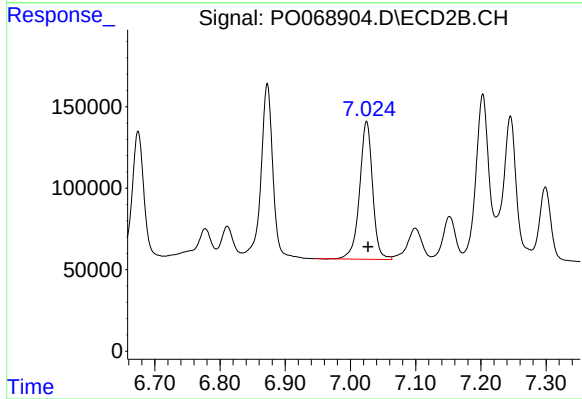
R.T.: 6.873 min
Delta R.T.: -0.003 min
Response: 1293008
Conc: 450.39 ng/ml



#33 AR-1260-3

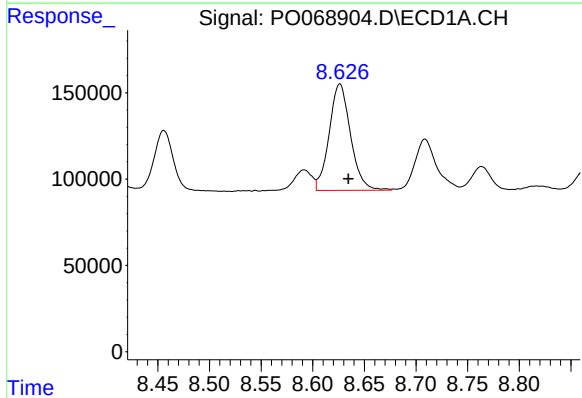
R.T.: 8.397 min
Delta R.T.: -0.008 min
Response: 959260
Conc: 510.02 ng/ml

Instrument :
ECD_O
ClientSampleId :



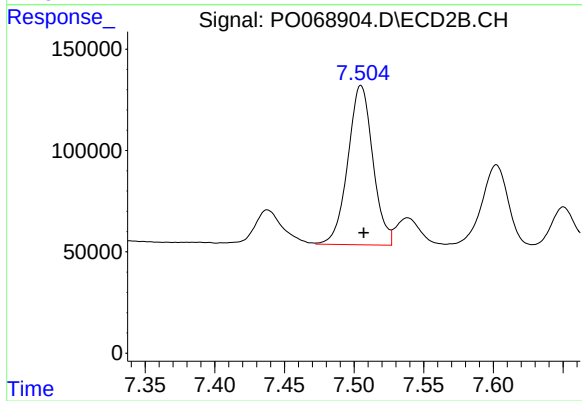
#33 AR-1260-3

R.T.: 7.025 min
Delta R.T.: -0.002 min
Response: 1172943
Conc: 456.86 ng/ml



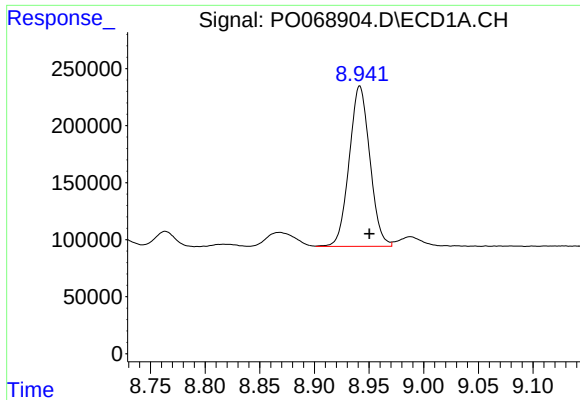
#34 AR-1260-4

R.T.: 8.626 min
Delta R.T.: -0.008 min
Response: 889790
Conc: 498.51 ng/ml



#34 AR-1260-4

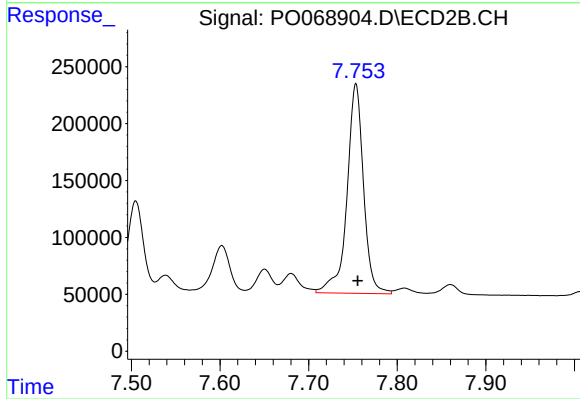
R.T.: 7.505 min
Delta R.T.: -0.002 min
Response: 982664
Conc: 452.36 ng/ml



#35 AR-1260-5

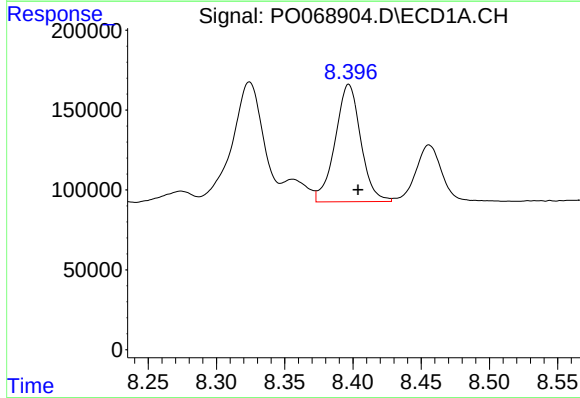
R.T.: 8.941 min
Delta R.T.: -0.009 min
Response: 1847960
Conc: 427.98 ng/ml

Instrument :
ECD_O
ClientSampleId :



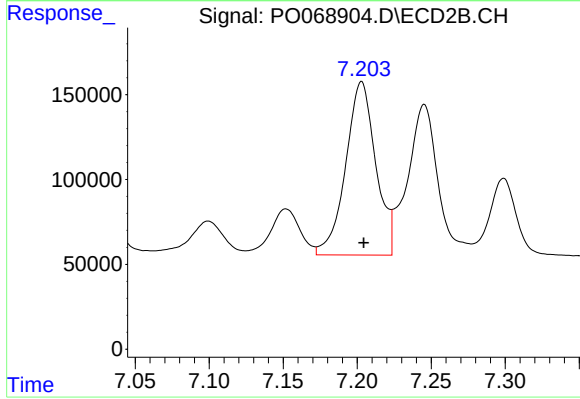
#35 AR-1260-5

R.T.: 7.753 min
Delta R.T.: -0.002 min
Response: 2390116
Conc: 432.50 ng/ml



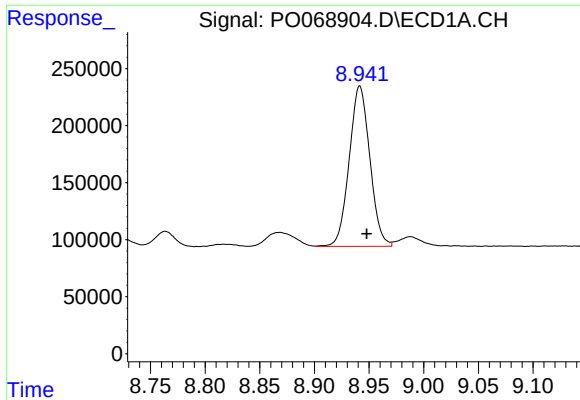
#36 AR-1262-1

R.T.: 8.397 min
Delta R.T.: -0.007 min
Response: 959260
Conc: 359.44 ng/ml



#36 AR-1262-1

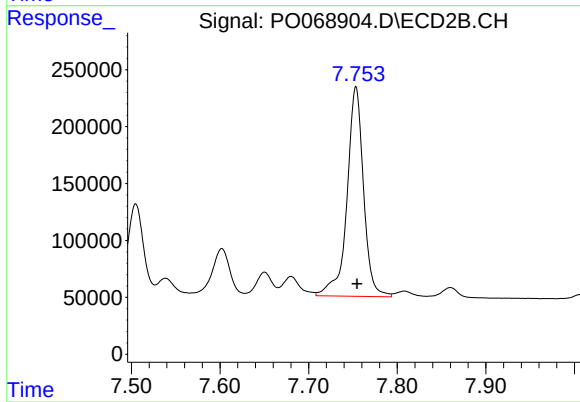
R.T.: 7.203 min
Delta R.T.: -0.001 min
Response: 1447407
Conc: 889.04 ng/ml



#37 AR-1262-2

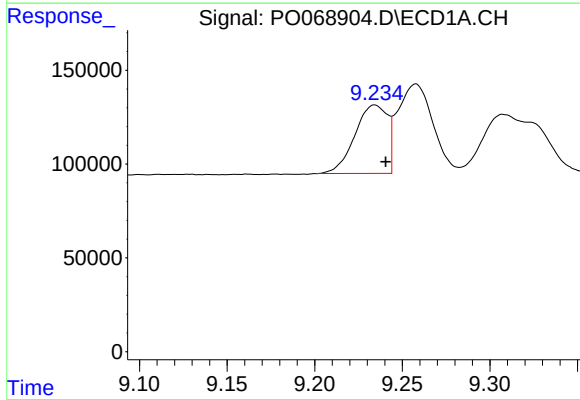
R.T.: 8.941 min
Delta R.T.: -0.006 min
Response: 1847960
Conc: 396.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



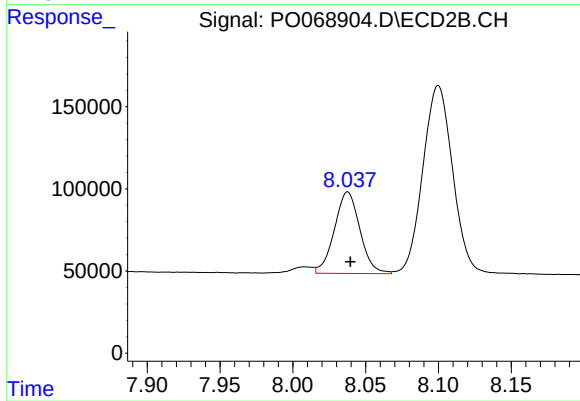
#37 AR-1262-2

R.T.: 7.753 min
Delta R.T.: -0.001 min
Response: 2390116
Conc: 426.67 ng/ml



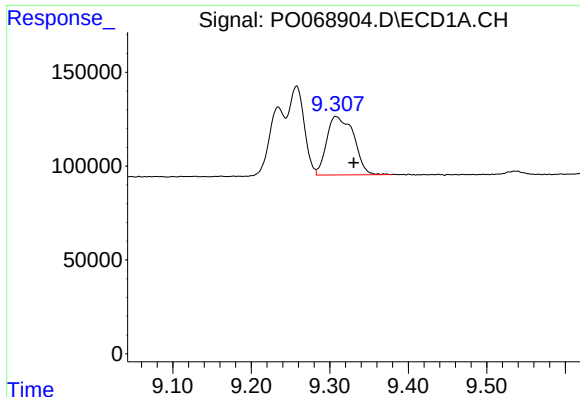
#38 AR-1262-3

R.T.: 9.234 min
Delta R.T.: -0.006 min
Response: 472626
Conc: 151.64 ng/ml



#38 AR-1262-3

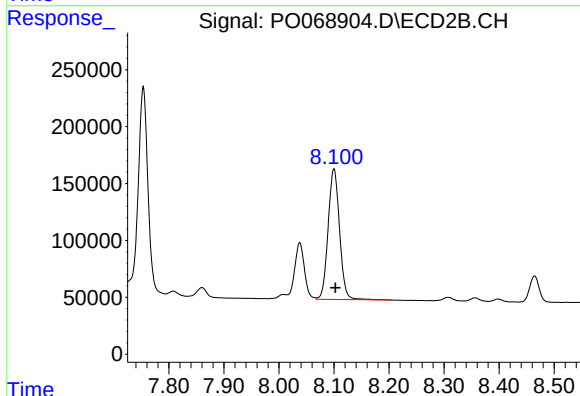
R.T.: 8.038 min
Delta R.T.: -0.002 min
Response: 607120
Conc: 257.55 ng/ml



#39 AR-1262-4

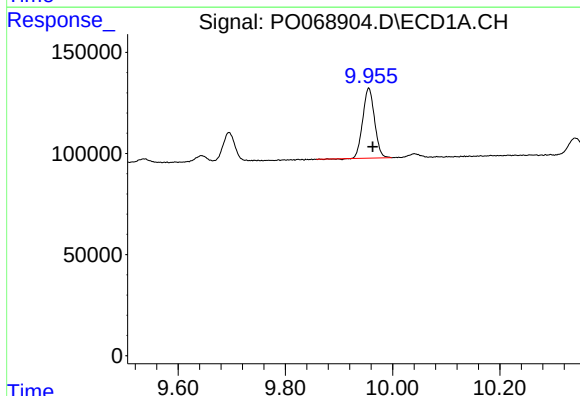
R.T.: 9.308 min
Delta R.T.: -0.023 min
Response: 746959
Conc: 313.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



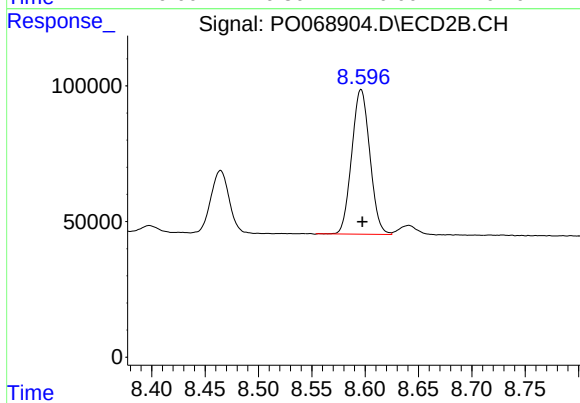
#39 AR-1262-4

R.T.: 8.100 min
Delta R.T.: -0.003 min
Response: 1657644
Conc: 399.95 ng/ml



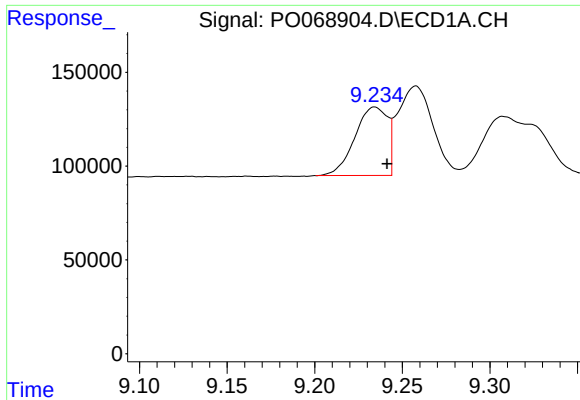
#40 AR-1262-5

R.T.: 9.956 min
Delta R.T.: -0.007 min
Response: 527890
Conc: 286.91 ng/ml



#40 AR-1262-5

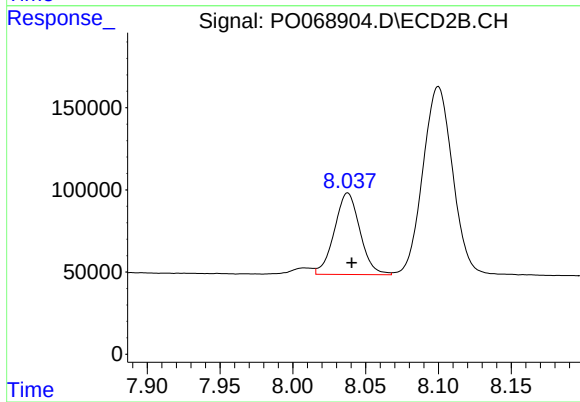
R.T.: 8.596 min
Delta R.T.: -0.001 min
Response: 629112
Conc: 302.21 ng/ml



#41 AR-1268-1

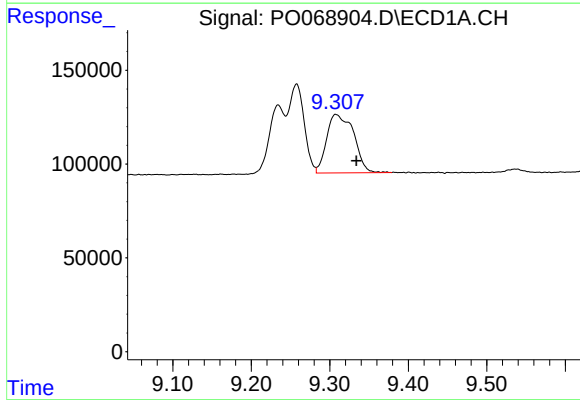
R.T.: 9.234 min
Delta R.T.: -0.007 min
Response: 472626
Conc: 75.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



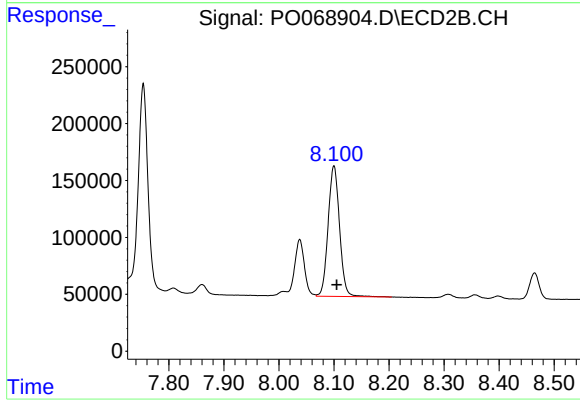
#41 AR-1268-1

R.T.: 8.038 min
Delta R.T.: -0.003 min
Response: 607120
Conc: 84.72 ng/ml



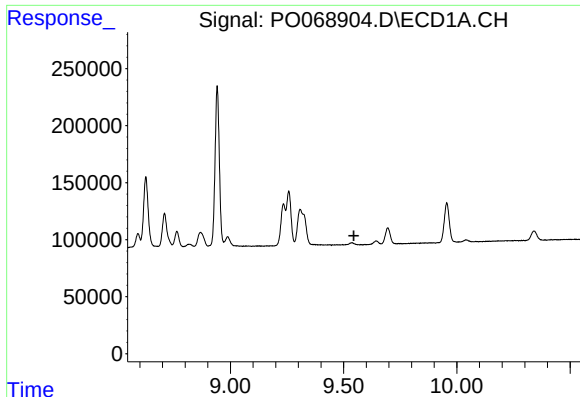
#42 AR-1268-2

R.T.: 9.308 min
Delta R.T.: -0.026 min
Response: 746959
Conc: 135.42 ng/ml



#42 AR-1268-2

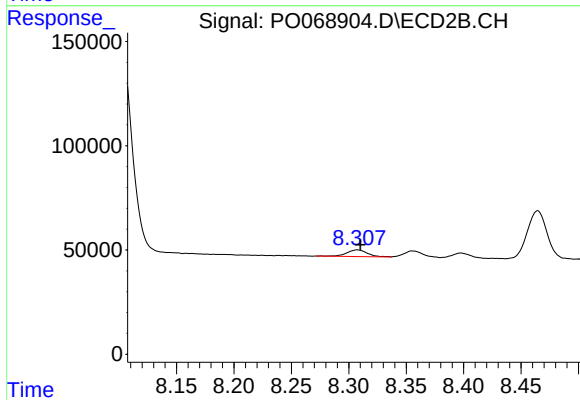
R.T.: 8.100 min
Delta R.T.: -0.005 min
Response: 1657644
Conc: 256.70 ng/ml



#43 AR-1268-3

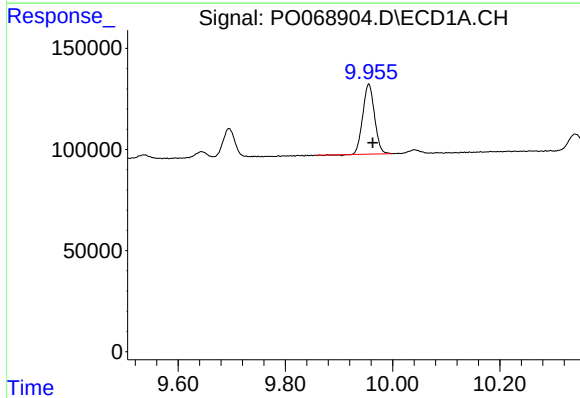
R.T.: 0.000 min
Exp R.T.: 9.545 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



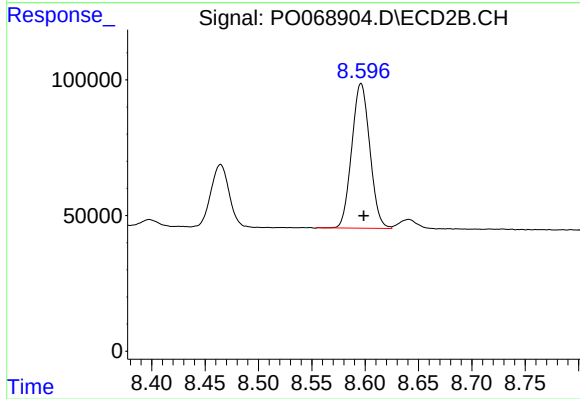
#43 AR-1268-3

R.T.: 8.307 min
Delta R.T.: -0.003 min
Response: 40870
Conc: 7.56 ng/ml



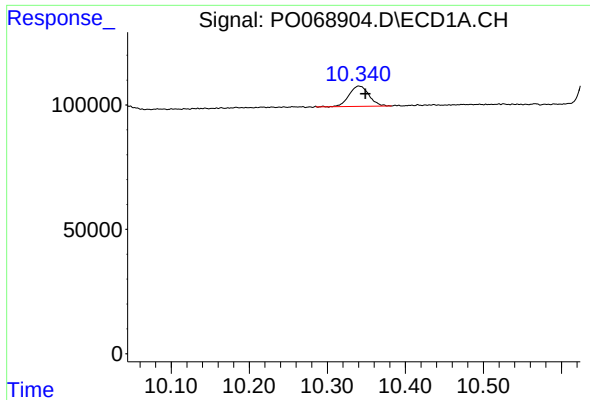
#44 AR-1268-4

R.T.: 9.956 min
Delta R.T.: -0.008 min
Response: 527890
Conc: 240.66 ng/ml



#44 AR-1268-4

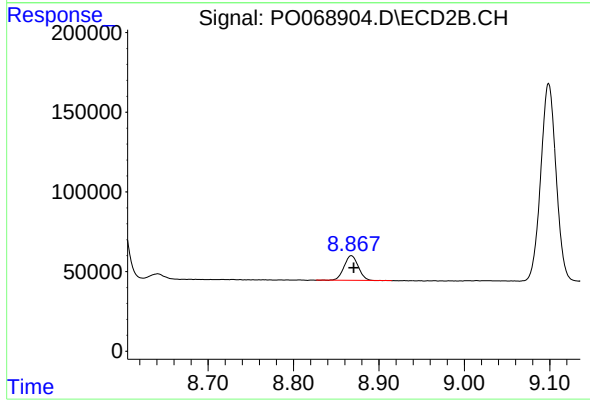
R.T.: 8.596 min
Delta R.T.: -0.003 min
Response: 629112
Conc: 251.54 ng/ml



#45 AR-1268-5

R.T.: 10.340 min
Delta R.T.: -0.008 min
Response: 144241
Conc: 9.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.868 min
Delta R.T.: -0.003 min
Response: 179980
Conc: 10.80 ng/ml