

Data Path : Z:\bestpcbsrv\HPCHEM1\ECD 0\Data\P0082518\
 Data File : P0048514.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 24 Aug 2018 20:06
 Operator : SM/SJ
 Sample : J4621-06MS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 24 22:49:10 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0082418.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 24 08:17:51 2018
 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...	4.383	3.625	5275106	7569819	27.847	27.961
2) SA Decachlor...	10.061	8.600	2939281	2621459	17.069	15.653
Target Compounds						
3) L1 AR-1016-1	5.090	4.295	1289509	1794193	270.392	299.419
4) L1 AR-1016-2	5.284	4.705	1262563	2418276	269.253	275.296
5) L1 AR-1016-3	5.551	4.724	1824110	3461172	268.077	270.388
6) L1 AR-1016-4	5.635	4.779	1541102	2182231	253.496	266.085
7) L1 AR-1016-5	6.027	5.153	1190374	1728351	238.362	233.831
8) L2 AR-1221-1	4.588	3.837	150165	249378	71.425	94.761 #
9) L2 AR-1221-2	4.679	3.923	231200	280406	152.491	145.755
10) L2 AR-1221-3	4.756	3.999	959171	1083811	193.342	173.815
11) L3 AR-1232-1	5.573	4.486	2593979	1889530	577.298	647.434
12) L3 AR-1232-2	5.733	4.724	1273531	3461172	560.566	578.014
13) L3 AR-1232-3	5.822	4.981	1090116	1613948	648.307	614.084
14) L3 AR-1232-4	6.402	5.300	938934	1192216	579.689	429.750 #
15) L3 AR-1232-5	6.467	5.543	185272	173877	78.741	56.487 #
16) L4 AR-1242-1	5.120	4.315	774797	1145183	323.424	327.473
17) L4 AR-1242-2	5.867	4.900	1131146	1678919	312.084	306.935
18) L4 AR-1242-3	6.067	4.940	459515	1314640	266.298	313.268
19) L4 AR-1242-4	6.111	5.673	308391	314869	239.035	71.433 #
20) L4 AR-1242-5	6.167	0.000	1014005	0	226.915	N.D. #
21) L5 AR-1248-1	5.822	4.940	1090116	1314640	184.664	173.479
22) L5 AR-1248-2	6.402	5.503	938934	1378392	161.545	104.697 #
23) L5 AR-1248-3	6.428	5.543	206379	173877	26.743	19.059 #
24) L5 AR-1248-4	6.467	5.673	185272	314869	25.293	39.894 #
25) L5 AR-1248-5	6.618	6.066	1231496	3062651	254.541	510.945 #
26) L6 AR-1254-1	6.618	5.648	1231496	1239856	90.719	86.176
27) L6 AR-1254-2	6.887	5.962	624855	378581	75.709	32.687 #
28) L6 AR-1254-3	6.987	6.279	683083	347119	47.608	23.698 #
29) L6 AR-1254-4	7.269	6.598	369754	318015	33.644	32.315
30) L6 AR-1254-5	7.532	6.693	1138101	3759868	139.650	192.941 #
31) L7 AR-1260-1	7.147	6.180	2242475	3058321	225.119	220.839
32) L7 AR-1260-2	7.403	6.366	2551250	3518655	212.976	200.568
33) L7 AR-1260-3	7.686	6.520	2959054	3092207	215.604	201.667
34) L7 AR-1260-4	7.986	6.989	1883707	2043060	190.261	175.523
35) L7 AR-1260-5	8.301	7.230	3422032	4683953	179.257	172.978
36) L8 AR-1262-1	7.042	6.066	1344765	3062651	172.186	288.125 #
37) L8 AR-1262-2	7.818	6.784	856166	1270179	132.967	132.875
38) L8 AR-1262-3	8.066	7.087	991224	1116079	143.560	118.208

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 Operator : SM/SJ
 Sample : J4621-06MS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

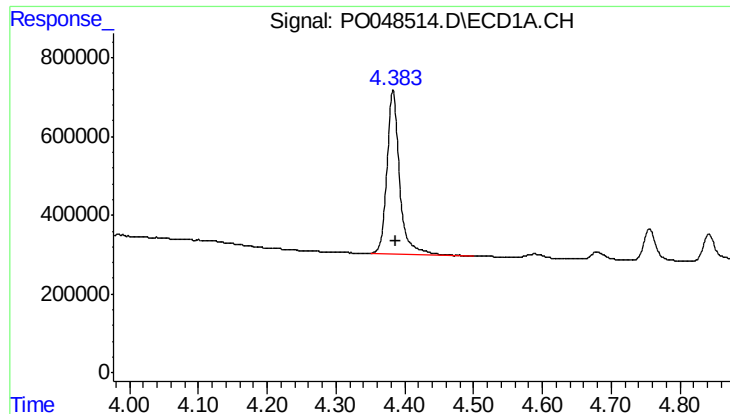
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 24 22:49:10 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\P0082418.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	nq/ml	nq/ml	
39)	L8 AR-1262-4	8.675	7.512	1222001	855850	89.464	63.599	#
40)	L8 AR-1262-5	9.336	8.067	823417	833437	89.053	80.919	
41)	L9 AR-1268-1	7.761	6.731	1611337	2504658	303.678	323.802	
42)	L9 AR-1268-2	7.986	7.575	1883707	2985087	275.856	98.896	#
43)	L9 AR-1268-3	8.621	0.000	2159713	0	83.713	N.D.	#
44)	L9 AR-1268-4	0.000	7.940	0	389199	N.D.	59.491	#
45)	L9 AR-1268-5	9.736	8.351	300811	262867	4.956	4.222	

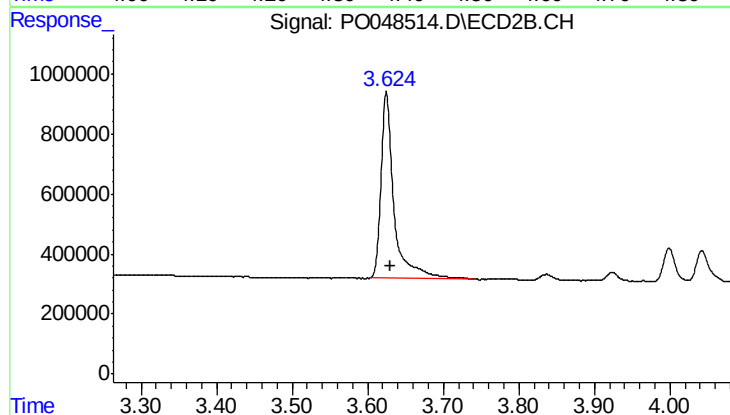
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

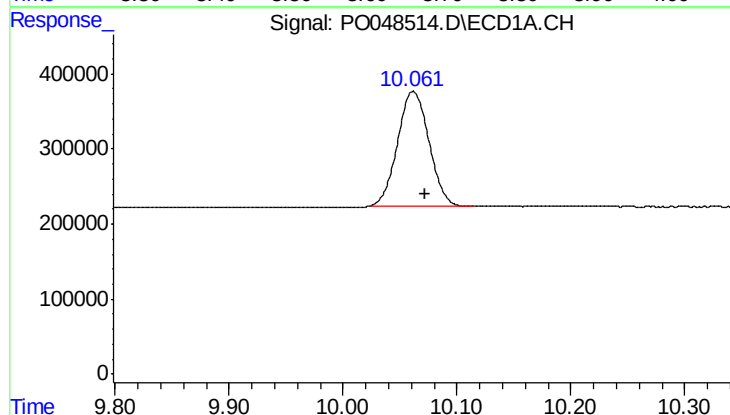
R.T.: 4.383 min
Delta R.T.: -0.005 min
Response: 5275106
Conc: 27.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



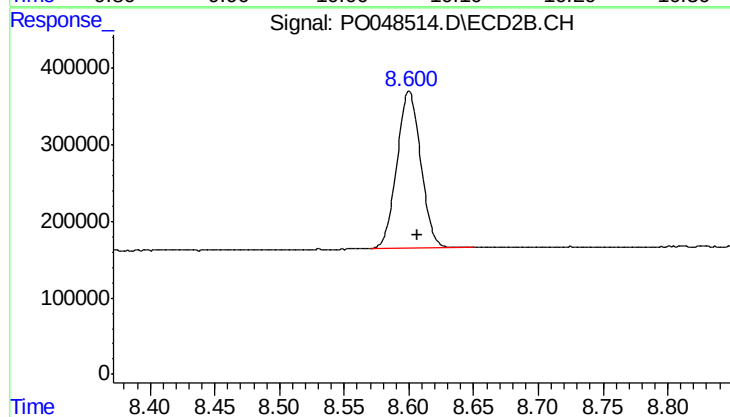
#1 Tetrachloro-m-xylene

R.T.: 3.625 min
Delta R.T.: -0.005 min
Response: 7569819
Conc: 27.96 ng/ml



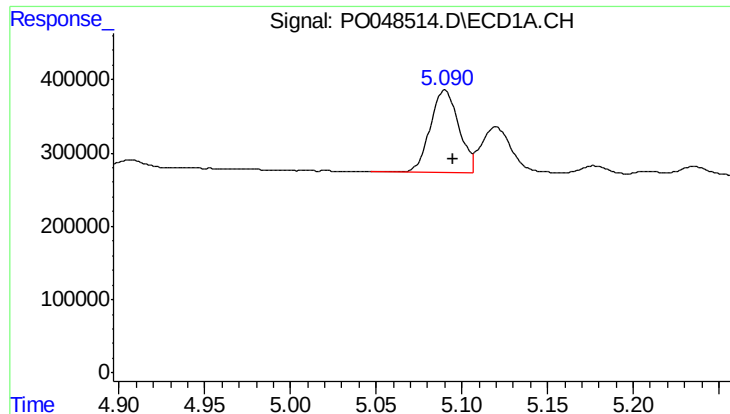
#2 Decachlorobiphenyl

R.T.: 10.061 min
Delta R.T.: -0.011 min
Response: 2939281
Conc: 17.07 ng/ml



#2 Decachlorobiphenyl

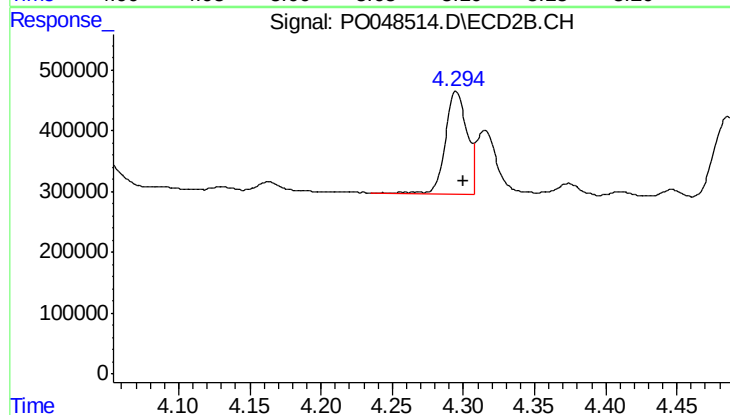
R.T.: 8.600 min
Delta R.T.: -0.006 min
Response: 2621459
Conc: 15.65 ng/ml



#3 AR-1016-1

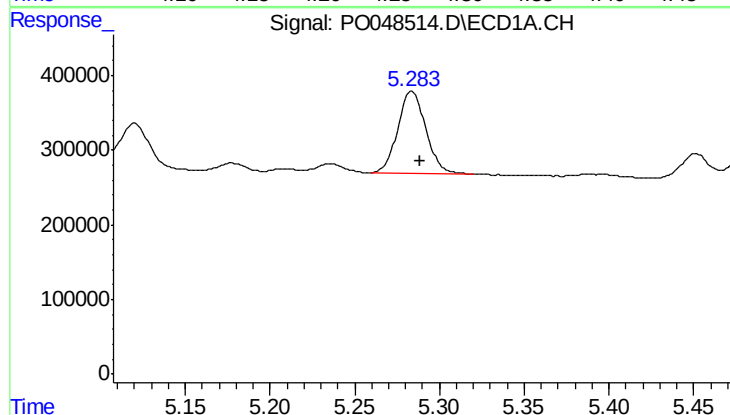
R.T.: 5.090 min
Delta R.T.: -0.005 min
Response: 1289509
Conc: 270.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



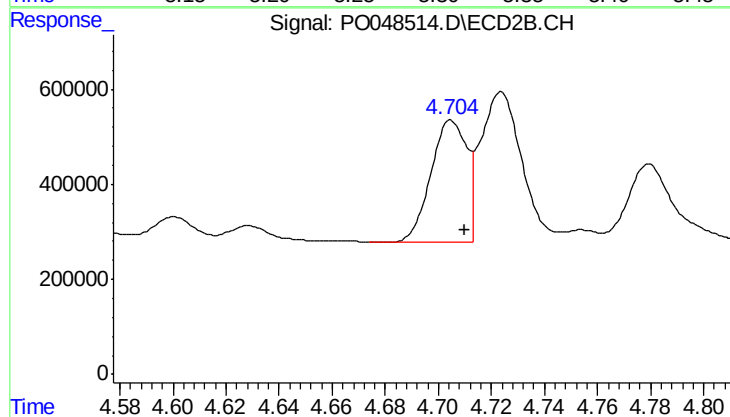
#3 AR-1016-1

R.T.: 4.295 min
Delta R.T.: -0.005 min
Response: 1794193
Conc: 299.42 ng/ml



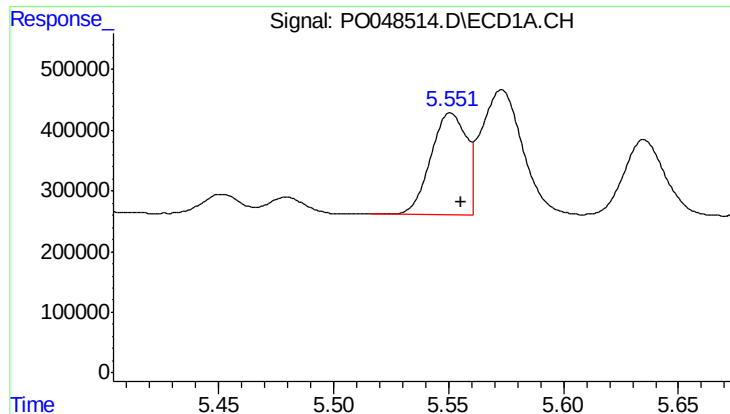
#4 AR-1016-2

R.T.: 5.284 min
Delta R.T.: -0.005 min
Response: 1262563
Conc: 269.25 ng/ml



#4 AR-1016-2

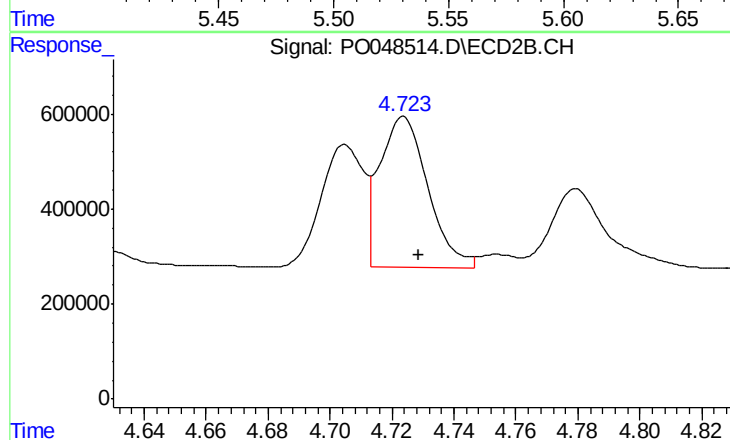
R.T.: 4.705 min
Delta R.T.: -0.005 min
Response: 2418276
Conc: 275.30 ng/ml



#5 AR-1016-3

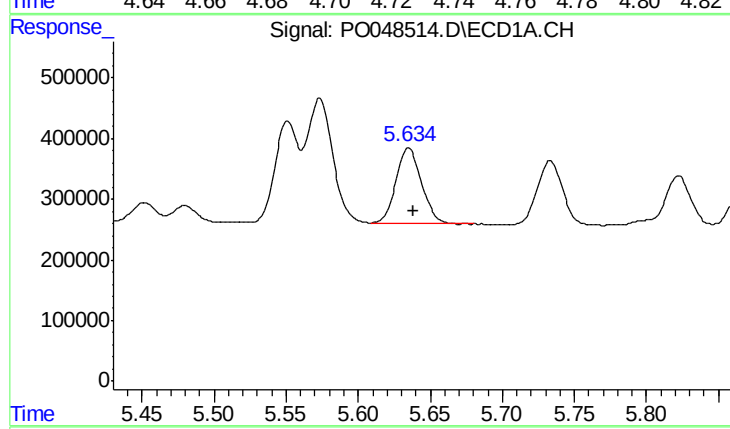
R.T.: 5.551 min
Delta R.T.: -0.004 min
Response: 1824110
Conc: 268.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



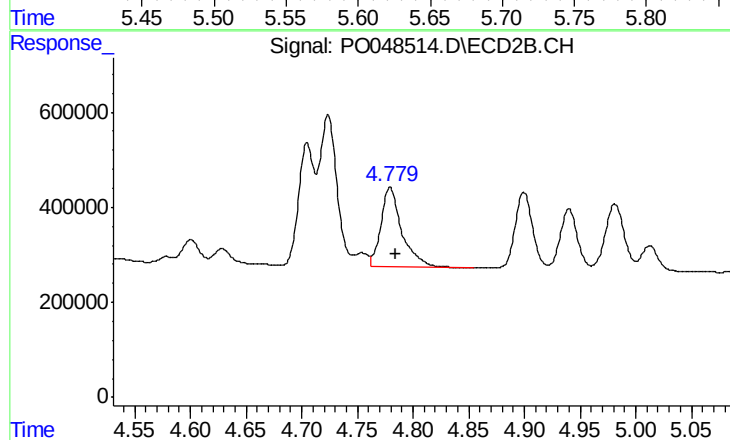
#5 AR-1016-3

R.T.: 4.724 min
Delta R.T.: -0.005 min
Response: 3461172
Conc: 270.39 ng/ml



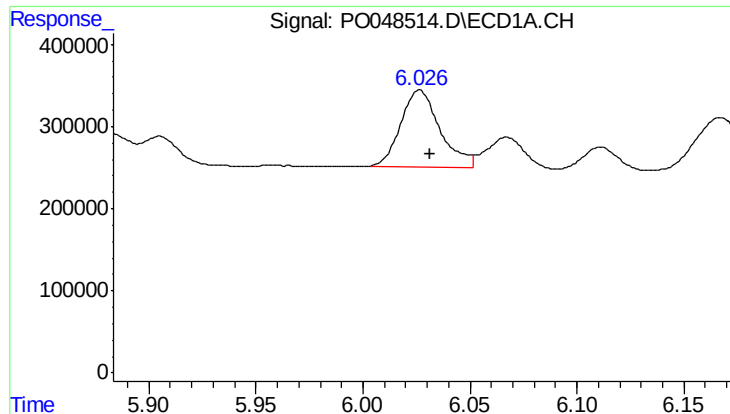
#6 AR-1016-4

R.T.: 5.635 min
Delta R.T.: -0.004 min
Response: 1541102
Conc: 253.50 ng/ml



#6 AR-1016-4

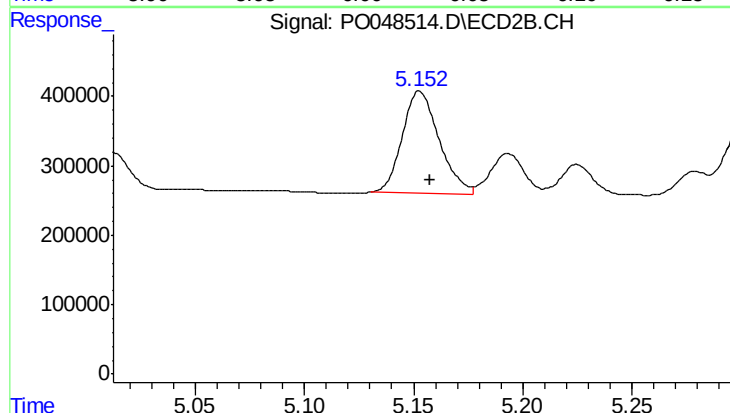
R.T.: 4.779 min
Delta R.T.: -0.005 min
Response: 2182231
Conc: 266.09 ng/ml



#7 AR-1016-5

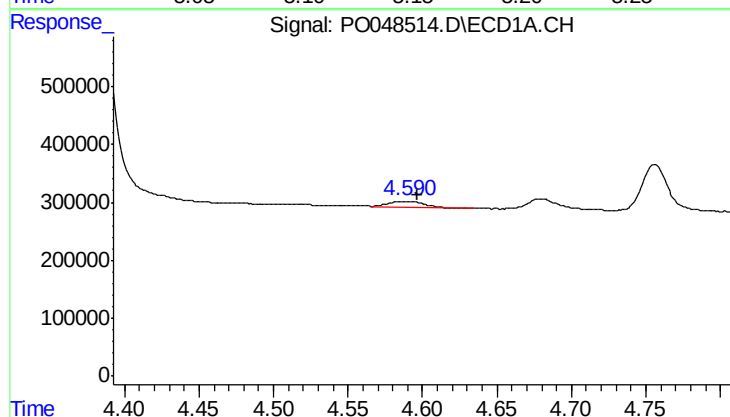
R.T.: 6.027 min
Delta R.T.: -0.005 min
Response: 1190374
Conc: 238.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



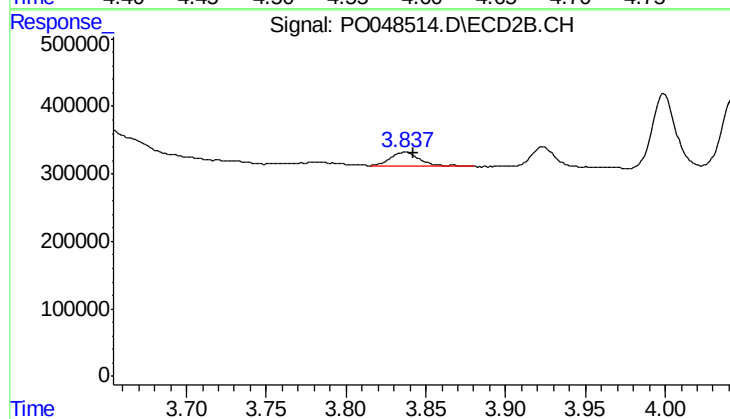
#7 AR-1016-5

R.T.: 5.153 min
Delta R.T.: -0.005 min
Response: 1728351
Conc: 233.83 ng/ml



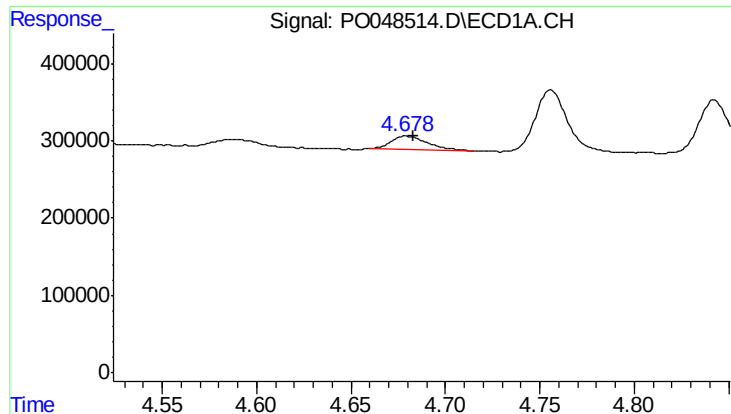
#8 AR-1221-1

R.T.: 4.588 min
Delta R.T.: -0.008 min
Response: 150165
Conc: 71.42 ng/ml



#8 AR-1221-1

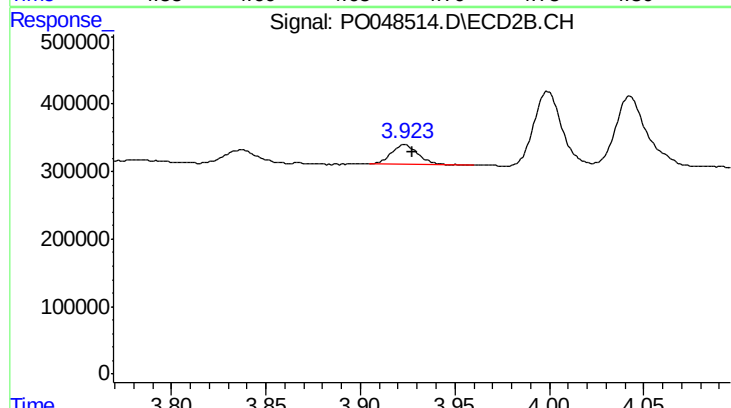
R.T.: 3.837 min
Delta R.T.: -0.005 min
Response: 249378
Conc: 94.76 ng/ml



#9 AR-1221-2

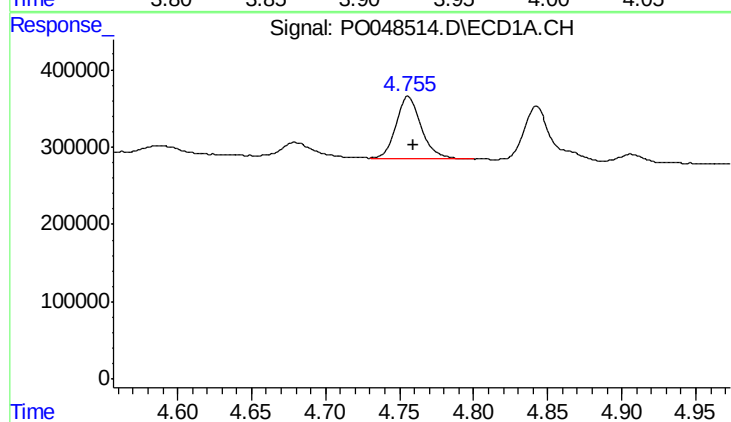
R.T.: 4.679 min
Delta R.T.: -0.004 min
Response: 231200
Conc: 152.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



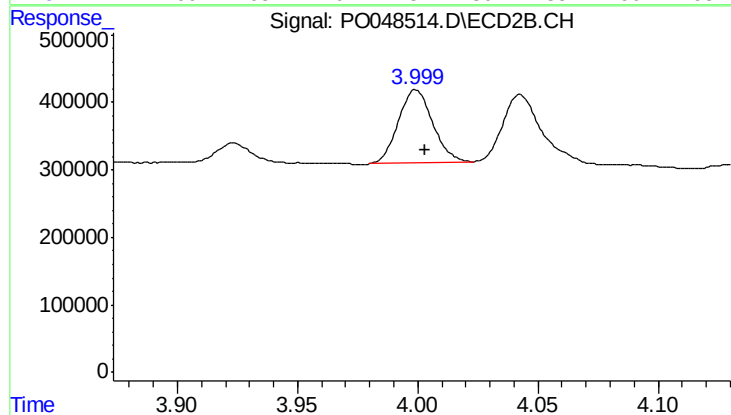
#9 AR-1221-2

R.T.: 3.923 min
Delta R.T.: -0.004 min
Response: 280406
Conc: 145.75 ng/ml



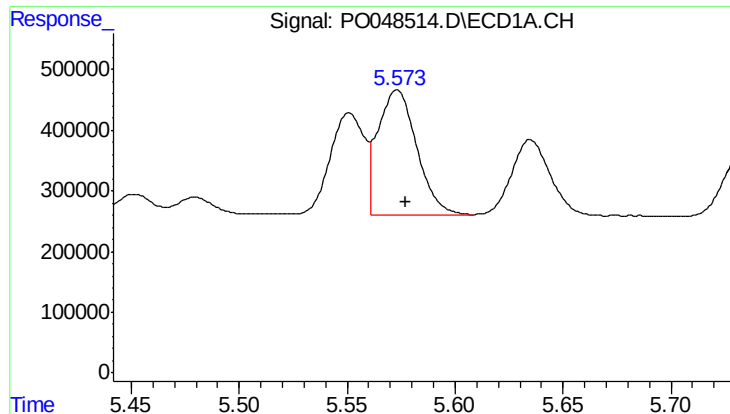
#10 AR-1221-3

R.T.: 4.756 min
Delta R.T.: -0.004 min
Response: 959171
Conc: 193.34 ng/ml



#10 AR-1221-3

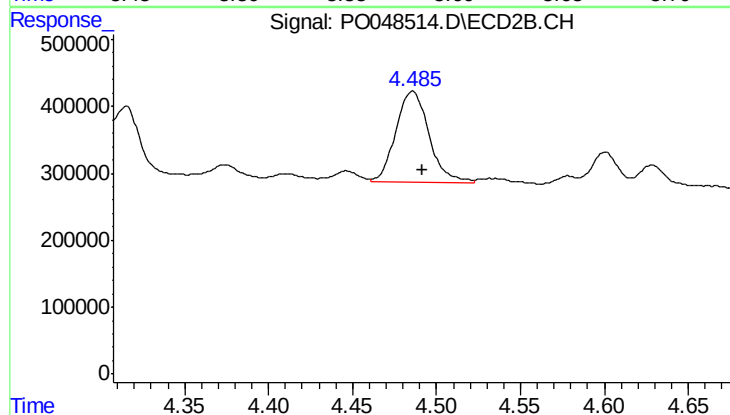
R.T.: 3.999 min
Delta R.T.: -0.004 min
Response: 1083811
Conc: 173.82 ng/ml



#11 AR-1232-1

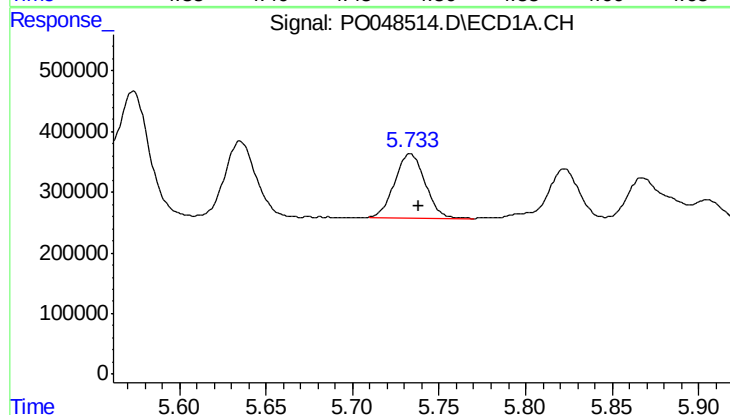
R.T.: 5.573 min
Delta R.T.: -0.004 min
Response: 2593979
Conc: 577.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



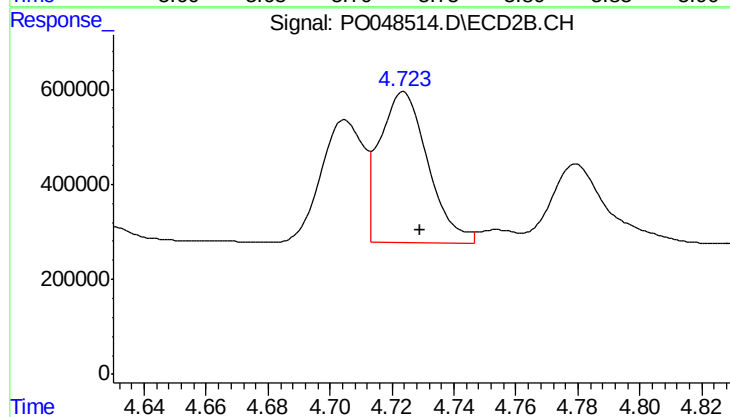
#11 AR-1232-1

R.T.: 4.486 min
Delta R.T.: -0.006 min
Response: 1889530
Conc: 647.43 ng/ml



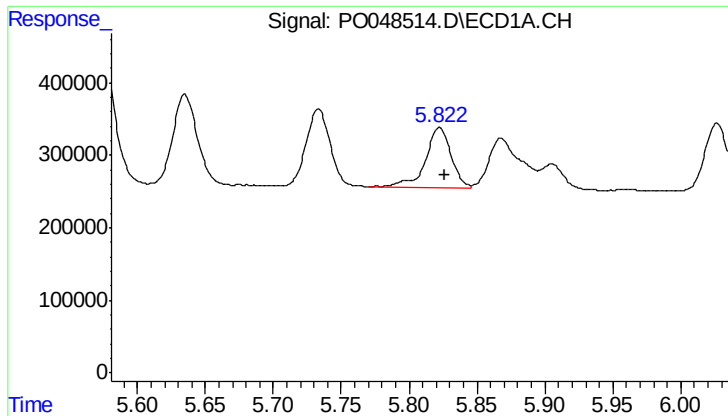
#12 AR-1232-2

R.T.: 5.733 min
Delta R.T.: -0.005 min
Response: 1273531
Conc: 560.57 ng/ml



#12 AR-1232-2

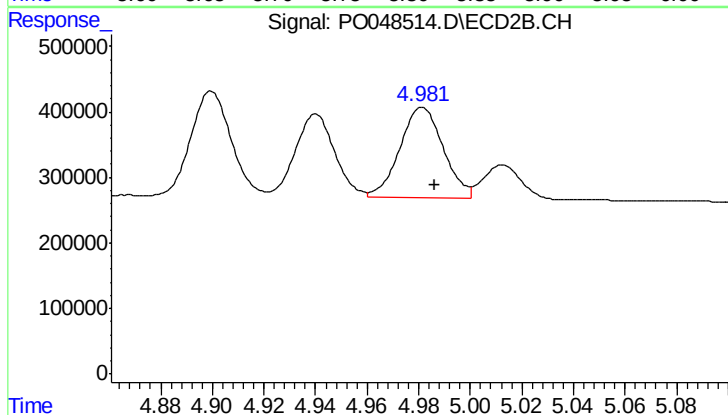
R.T.: 4.724 min
Delta R.T.: -0.005 min
Response: 3461172
Conc: 578.01 ng/ml



#13 AR-1232-3

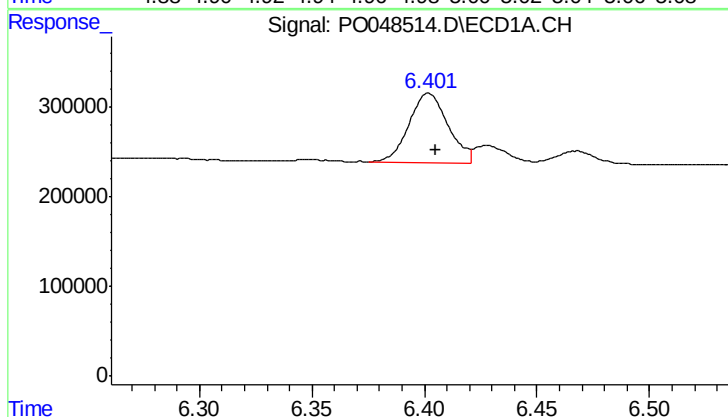
R.T.: 5.822 min
Delta R.T.: -0.004 min
Response: 1090116
Conc: 648.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



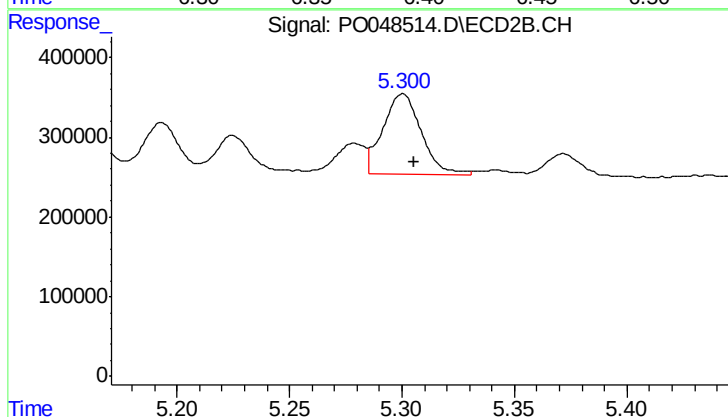
#13 AR-1232-3

R.T.: 4.981 min
Delta R.T.: -0.005 min
Response: 1613948
Conc: 614.08 ng/ml



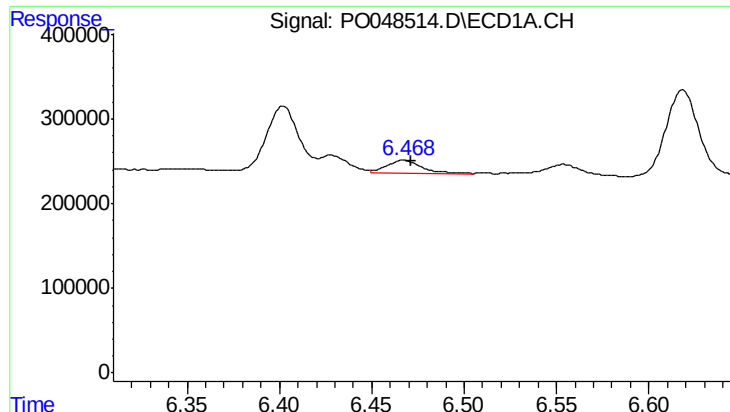
#14 AR-1232-4

R.T.: 6.402 min
Delta R.T.: -0.003 min
Response: 938934
Conc: 579.69 ng/ml



#14 AR-1232-4

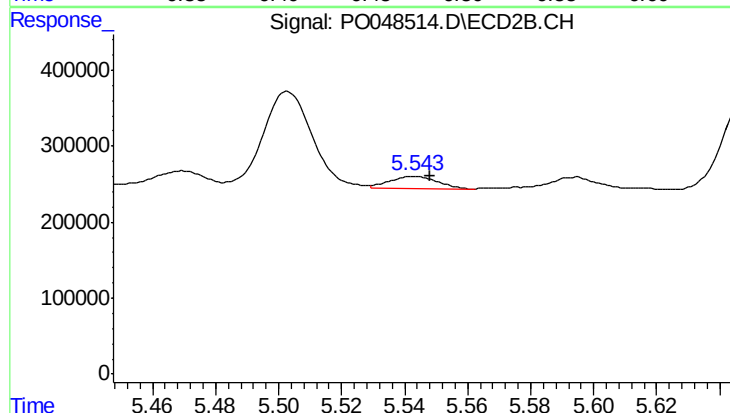
R.T.: 5.300 min
Delta R.T.: -0.005 min
Response: 1192216
Conc: 429.75 ng/ml



#15 AR-1232-5

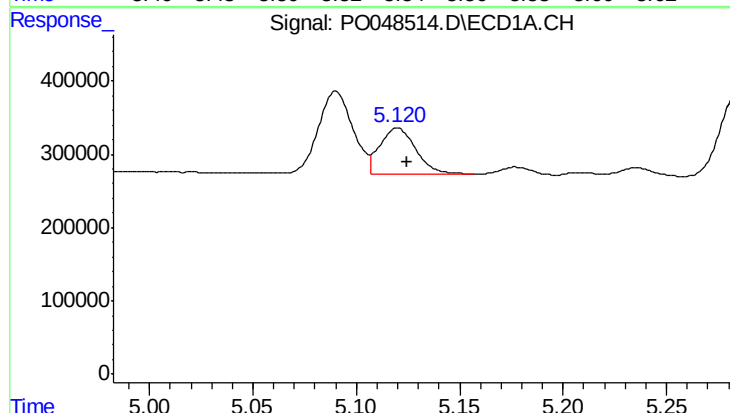
R.T.: 6.467 min
Delta R.T.: -0.004 min
Response: 185272
Conc: 78.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



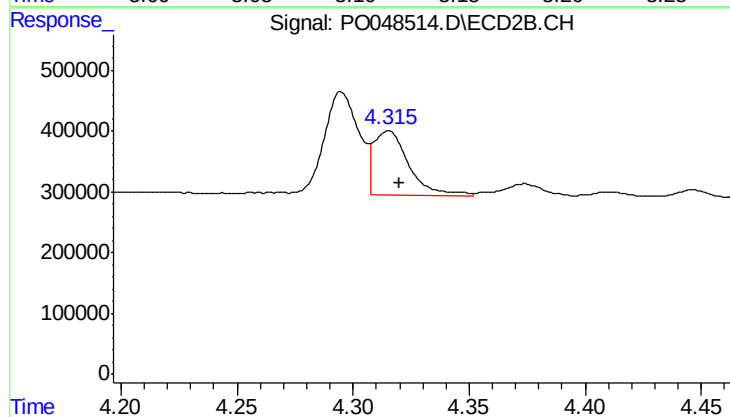
#15 AR-1232-5

R.T.: 5.543 min
Delta R.T.: -0.005 min
Response: 173877
Conc: 56.49 ng/ml



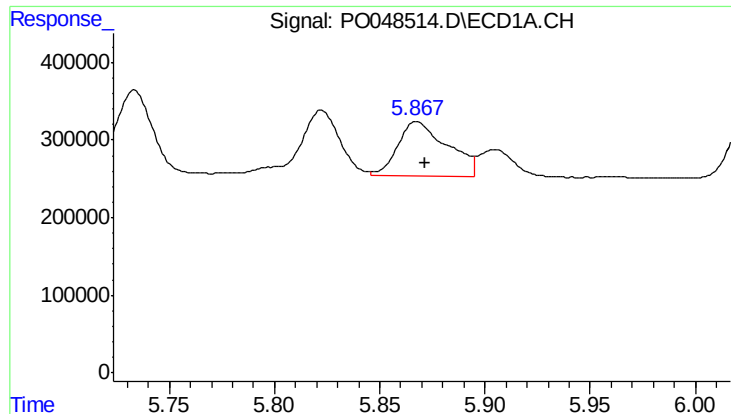
#16 AR-1242-1

R.T.: 5.120 min
Delta R.T.: -0.004 min
Response: 774797
Conc: 323.42 ng/ml



#16 AR-1242-1

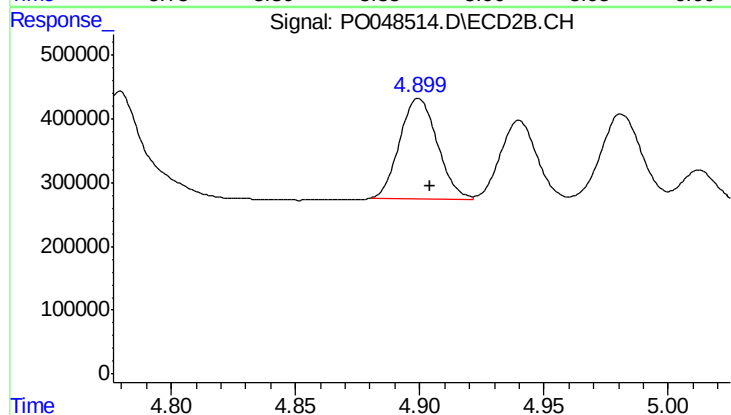
R.T.: 4.315 min
Delta R.T.: -0.005 min
Response: 1145183
Conc: 327.47 ng/ml



#17 AR-1242-2

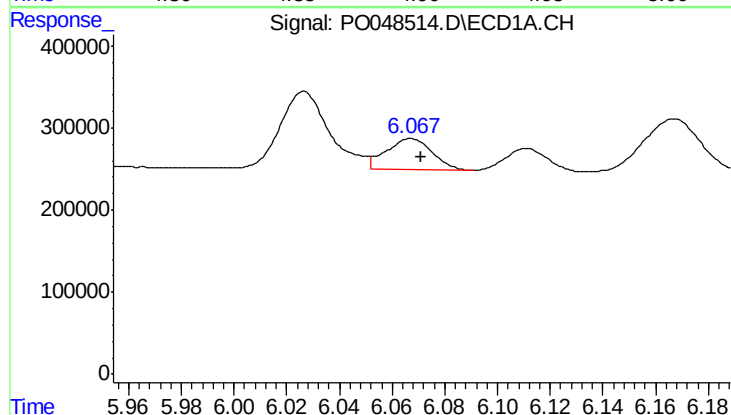
R.T.: 5.867 min
Delta R.T.: -0.004 min
Response: 1131146
Conc: 312.08 ng/ml

Instrument :
ECD_O
ClientSampleId :



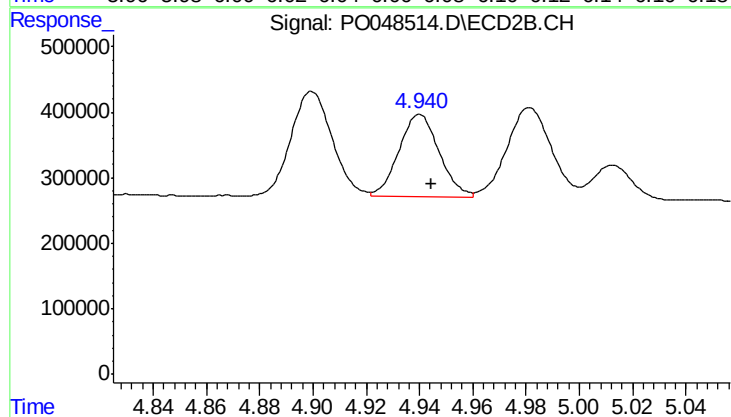
#17 AR-1242-2

R.T.: 4.900 min
Delta R.T.: -0.005 min
Response: 1678919
Conc: 306.93 ng/ml



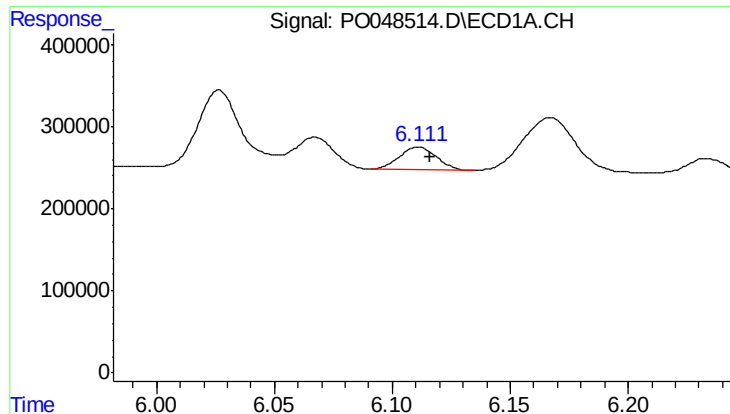
#18 AR-1242-3

R.T.: 6.067 min
Delta R.T.: -0.004 min
Response: 459515
Conc: 266.30 ng/ml



#18 AR-1242-3

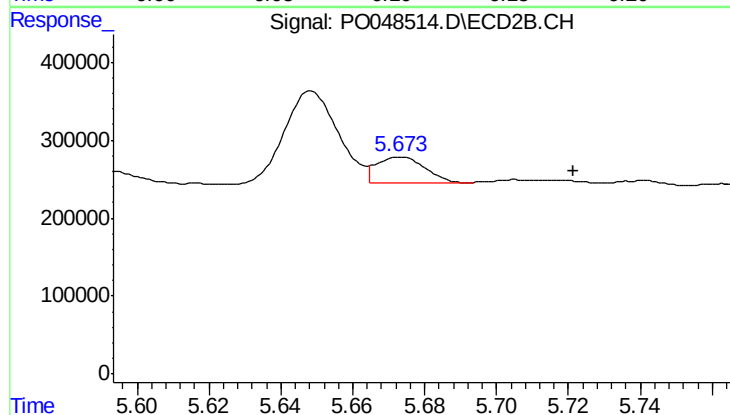
R.T.: 4.940 min
Delta R.T.: -0.005 min
Response: 1314640
Conc: 313.27 ng/ml



#19 AR-1242-4

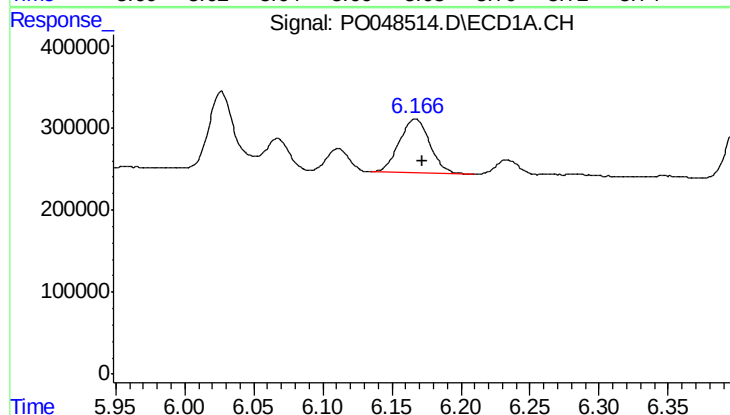
R.T.: 6.111 min
Delta R.T.: -0.005 min
Response: 308391
Conc: 239.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



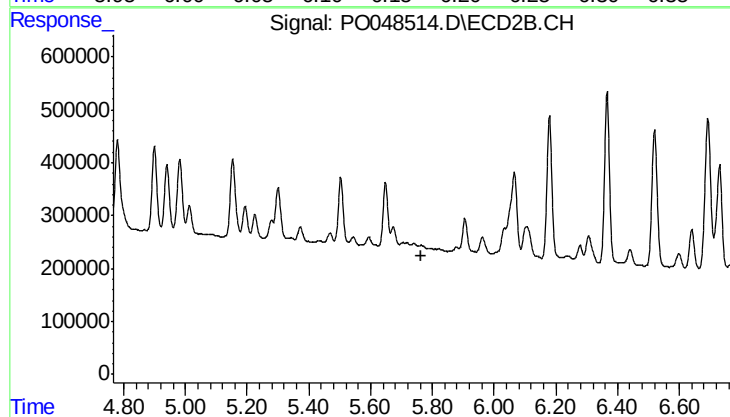
#19 AR-1242-4

R.T.: 5.673 min
Delta R.T.: -0.048 min
Response: 314869
Conc: 71.43 ng/ml



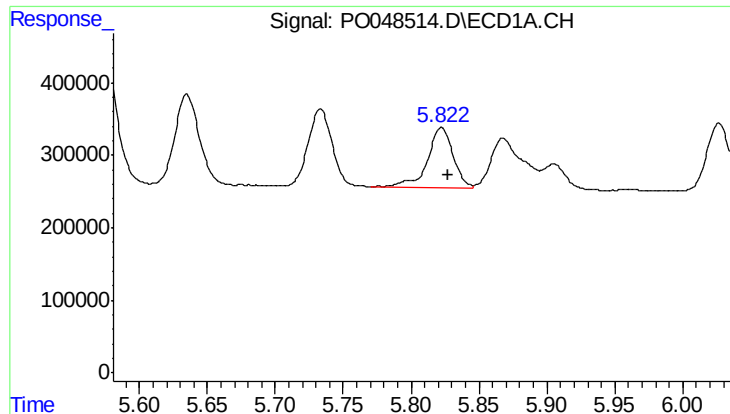
#20 AR-1242-5

R.T.: 6.167 min
Delta R.T.: -0.005 min
Response: 1014005
Conc: 226.91 ng/ml



#20 AR-1242-5

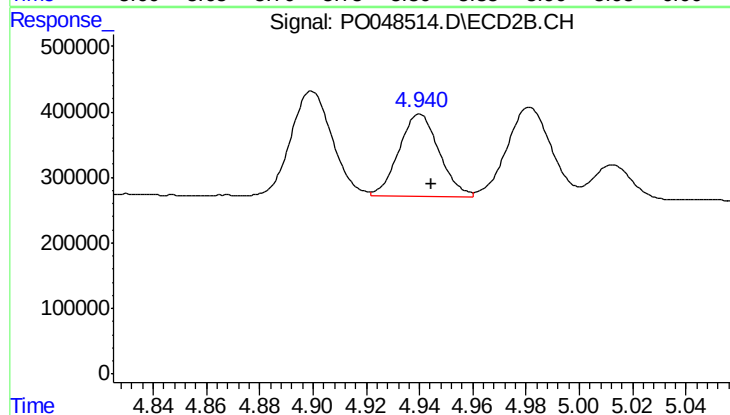
R.T.: 0.000 min
Exp R.T.: 5.766 min
Response: 0
Conc: N.D.



#21 AR-1248-1

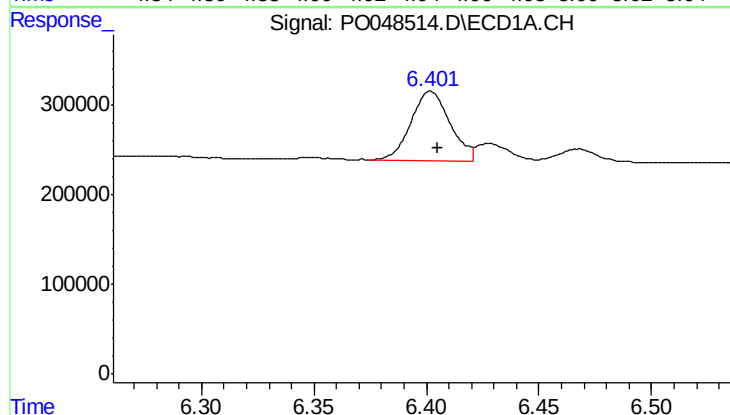
R.T.: 5.822 min
Delta R.T.: -0.005 min
Response: 1090116
Conc: 184.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



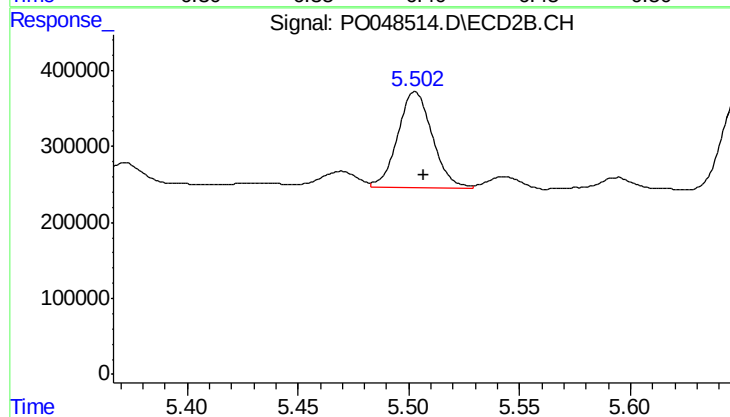
#21 AR-1248-1

R.T.: 4.940 min
Delta R.T.: -0.004 min
Response: 1314640
Conc: 173.48 ng/ml



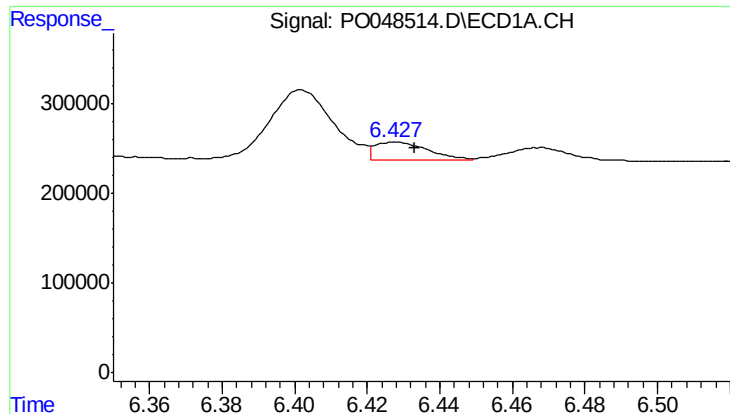
#22 AR-1248-2

R.T.: 6.402 min
Delta R.T.: -0.003 min
Response: 938934
Conc: 161.55 ng/ml



#22 AR-1248-2

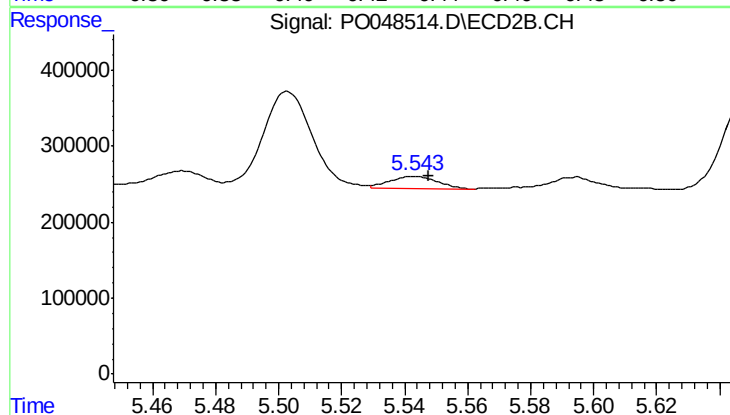
R.T.: 5.503 min
Delta R.T.: -0.004 min
Response: 1378392
Conc: 104.70 ng/ml



#23 AR-1248-3

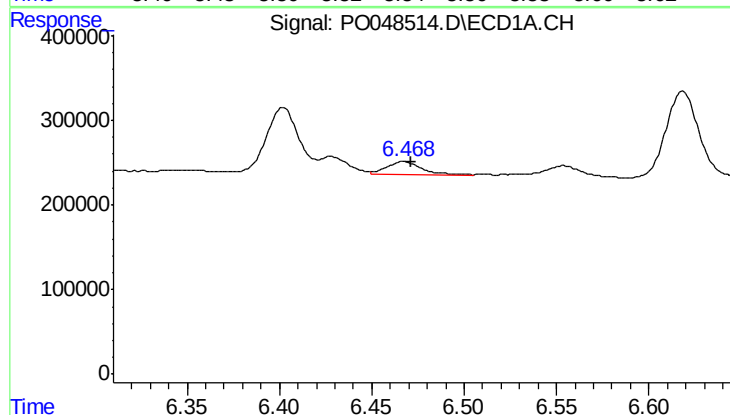
R.T.: 6.428 min
Delta R.T.: -0.005 min
Response: 206379
Conc: 26.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



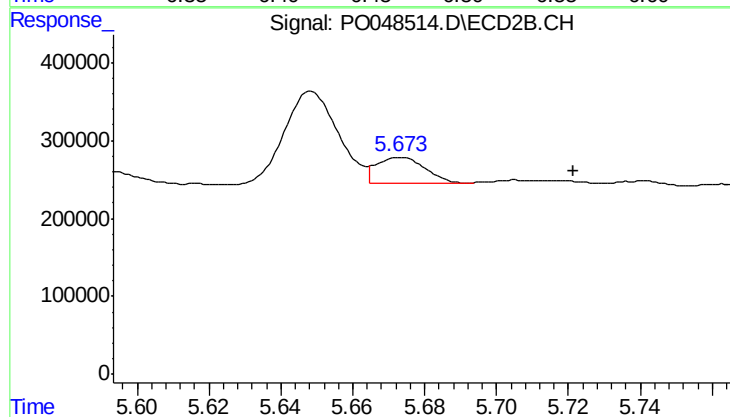
#23 AR-1248-3

R.T.: 5.543 min
Delta R.T.: -0.005 min
Response: 173877
Conc: 19.06 ng/ml



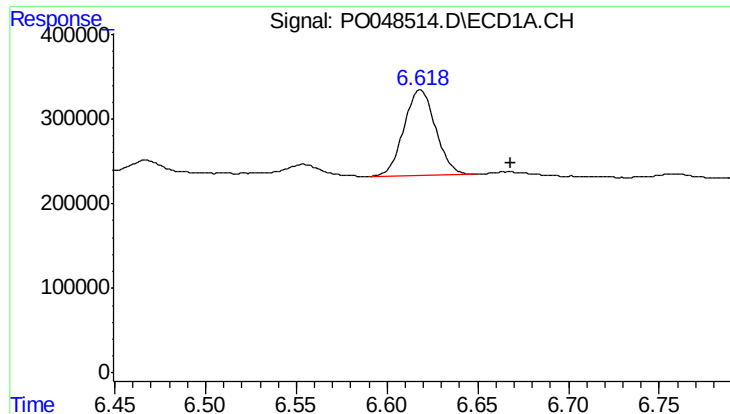
#24 AR-1248-4

R.T.: 6.467 min
Delta R.T.: -0.004 min
Response: 185272
Conc: 25.29 ng/ml



#24 AR-1248-4

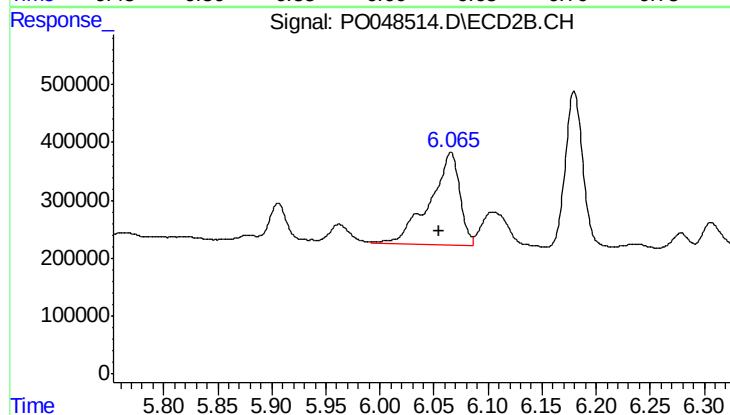
R.T.: 5.673 min
Delta R.T.: -0.048 min
Response: 314869
Conc: 39.89 ng/ml



#25 AR-1248-5

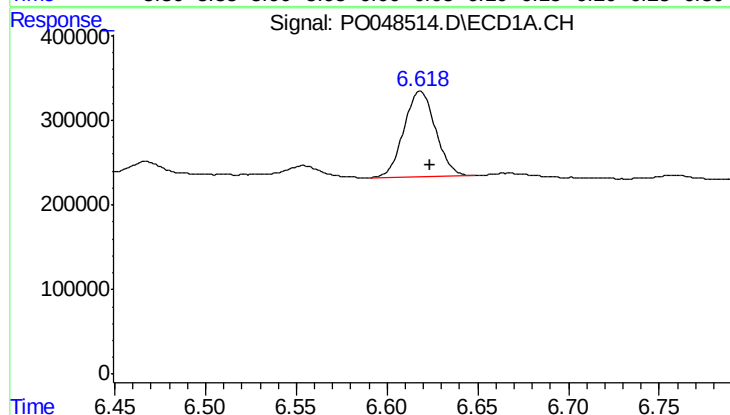
R.T.: 6.618 min
Delta R.T.: -0.050 min
Response: 1231496
Conc: 254.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



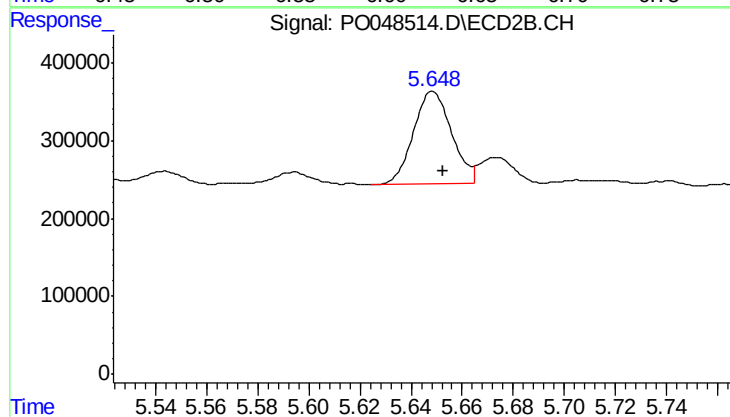
#25 AR-1248-5

R.T.: 6.066 min
Delta R.T.: 0.010 min
Response: 3062651
Conc: 510.94 ng/ml



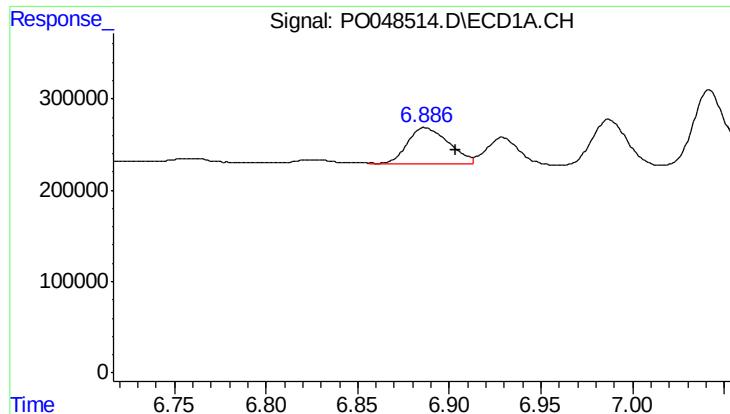
#26 AR-1254-1

R.T.: 6.618 min
Delta R.T.: -0.005 min
Response: 1231496
Conc: 90.72 ng/ml



#26 AR-1254-1

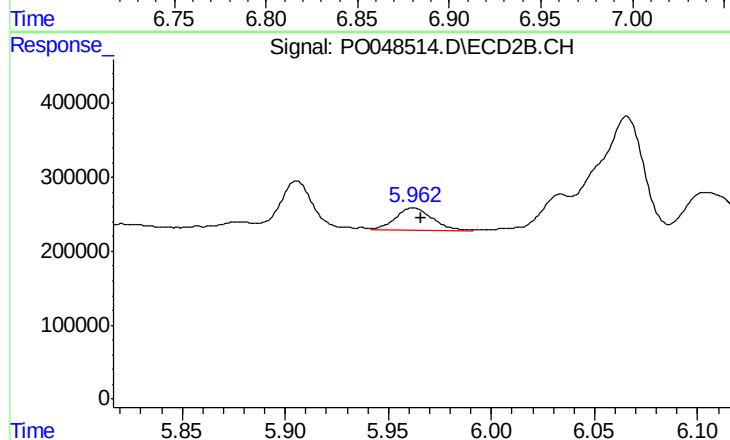
R.T.: 5.648 min
Delta R.T.: -0.004 min
Response: 1239856
Conc: 86.18 ng/ml



#27 AR-1254-2

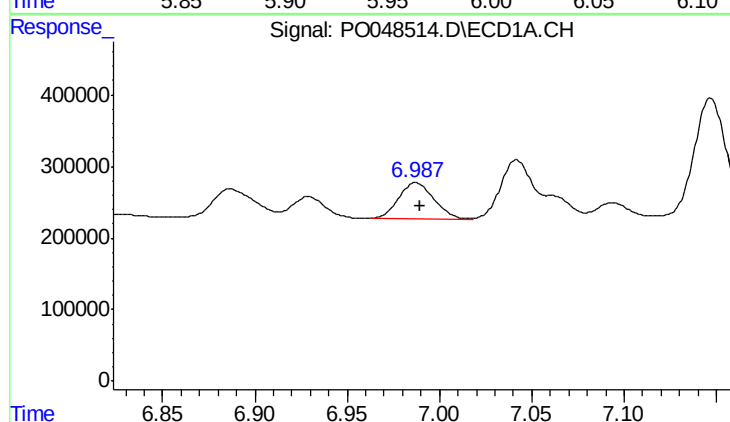
R.T.: 6.887 min
Delta R.T.: -0.017 min
Response: 624855
Conc: 75.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



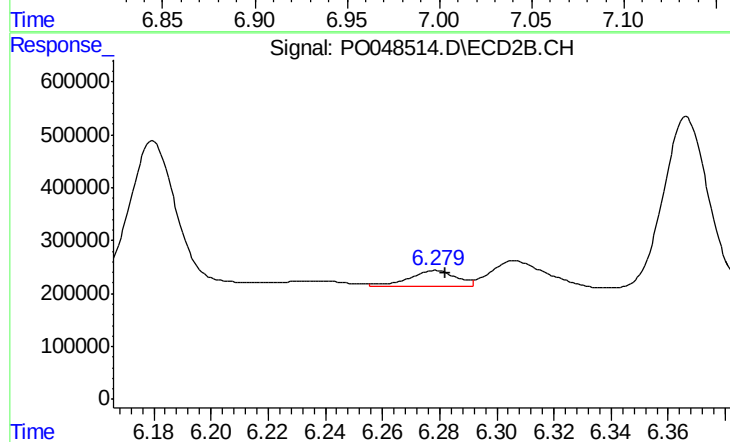
#27 AR-1254-2

R.T.: 5.962 min
Delta R.T.: -0.004 min
Response: 378581
Conc: 32.69 ng/ml



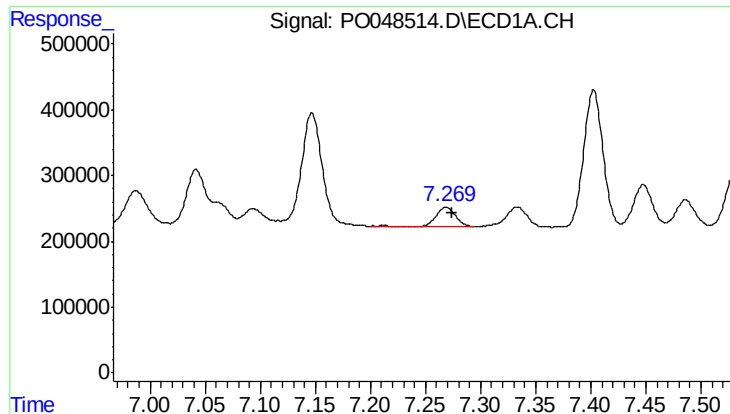
#28 AR-1254-3

R.T.: 6.987 min
Delta R.T.: -0.003 min
Response: 683083
Conc: 47.61 ng/ml



#28 AR-1254-3

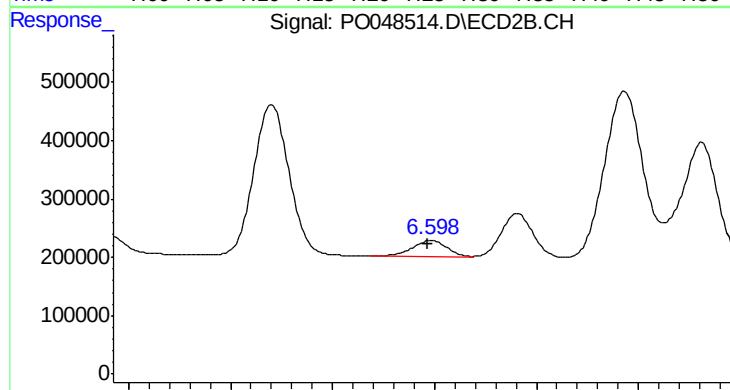
R.T.: 6.279 min
Delta R.T.: -0.004 min
Response: 347119
Conc: 23.70 ng/ml



#29 AR-1254-4

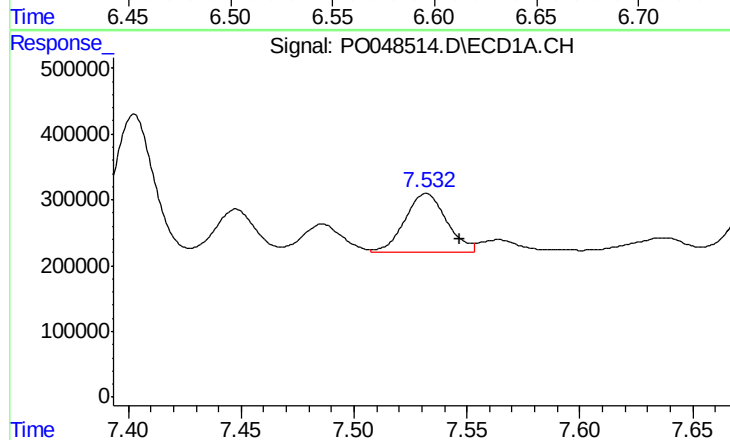
R.T.: 7.269 min
Delta R.T.: -0.005 min
Response: 369754
Conc: 33.64 ng/ml

Instrument :
ECD_O
ClientSampleId :



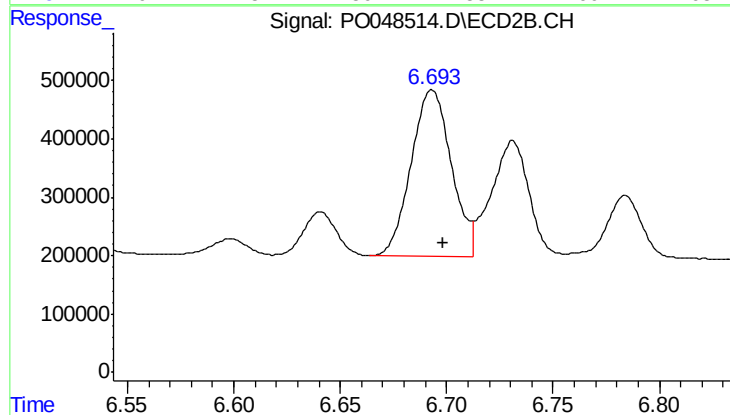
#29 AR-1254-4

R.T.: 6.598 min
Delta R.T.: 0.002 min
Response: 318015
Conc: 32.31 ng/ml



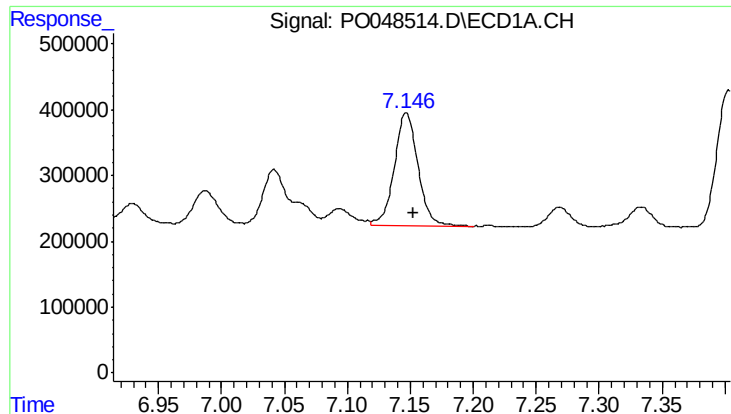
#30 AR-1254-5

R.T.: 7.532 min
Delta R.T.: -0.015 min
Response: 1138101
Conc: 139.65 ng/ml



#30 AR-1254-5

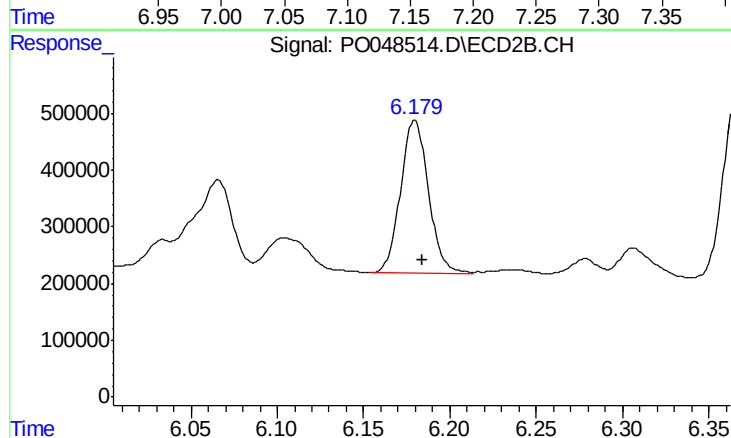
R.T.: 6.693 min
Delta R.T.: -0.005 min
Response: 3759868
Conc: 192.94 ng/ml



#31 AR-1260-1

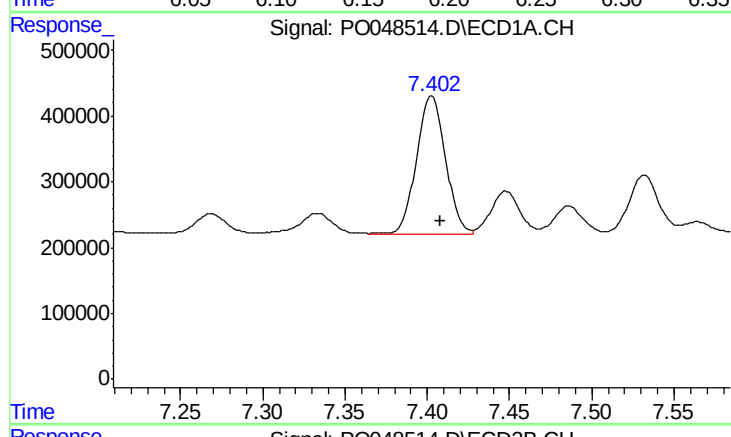
R.T.: 7.147 min
Delta R.T.: -0.006 min
Response: 2242475
Conc: 225.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



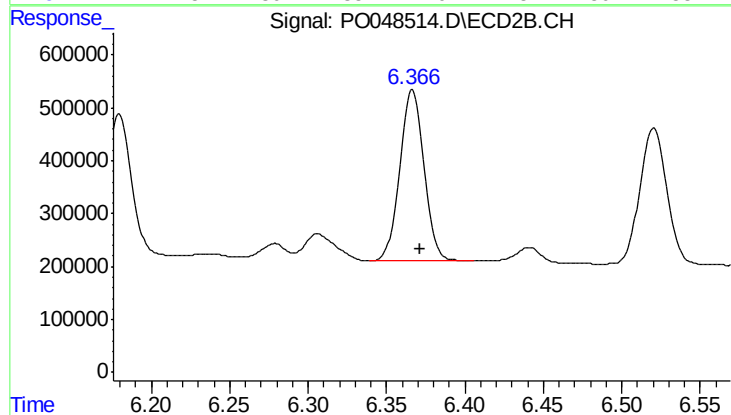
#31 AR-1260-1

R.T.: 6.180 min
Delta R.T.: -0.005 min
Response: 3058321
Conc: 220.84 ng/ml



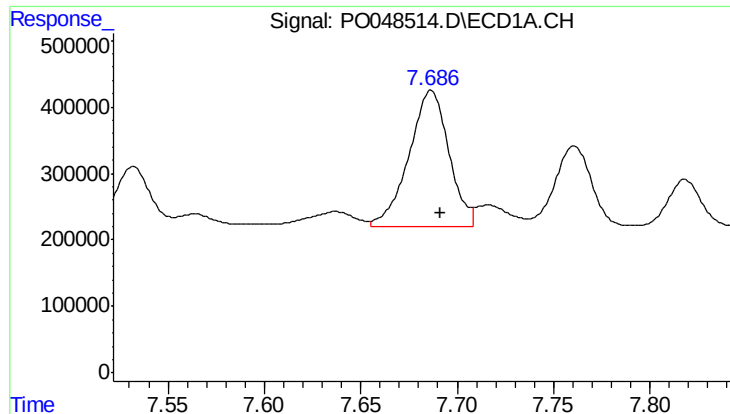
#32 AR-1260-2

R.T.: 7.403 min
Delta R.T.: -0.006 min
Response: 2551250
Conc: 212.98 ng/ml



#32 AR-1260-2

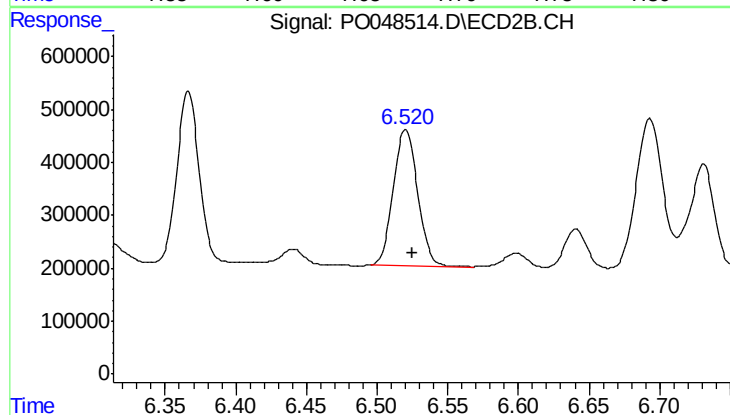
R.T.: 6.366 min
Delta R.T.: -0.005 min
Response: 3518655
Conc: 200.57 ng/ml



#33 AR-1260-3

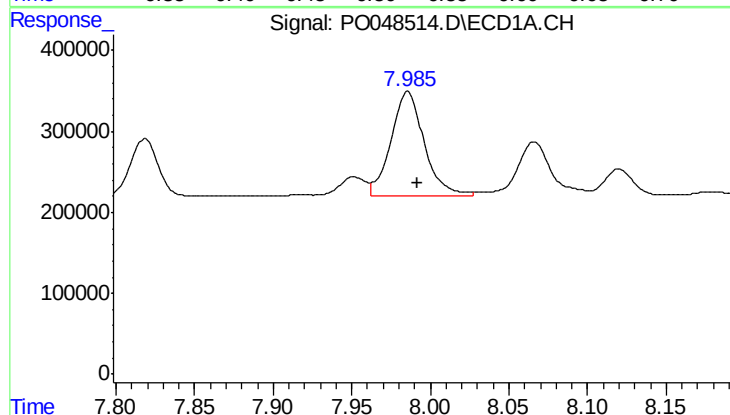
R.T.: 7.686 min
Delta R.T.: -0.005 min
Response: 2959054
Conc: 215.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



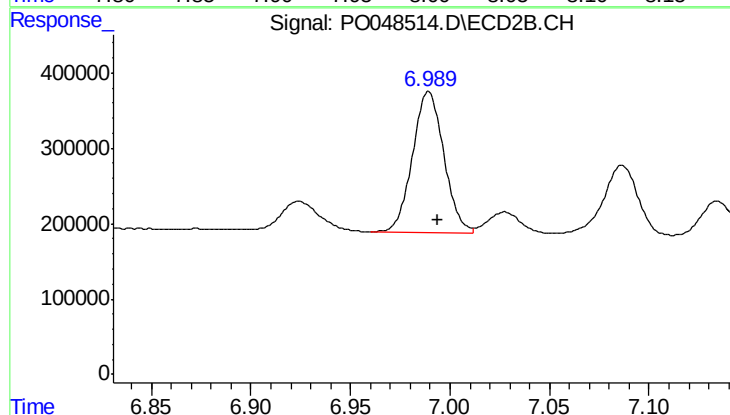
#33 AR-1260-3

R.T.: 6.520 min
Delta R.T.: -0.004 min
Response: 3092207
Conc: 201.67 ng/ml



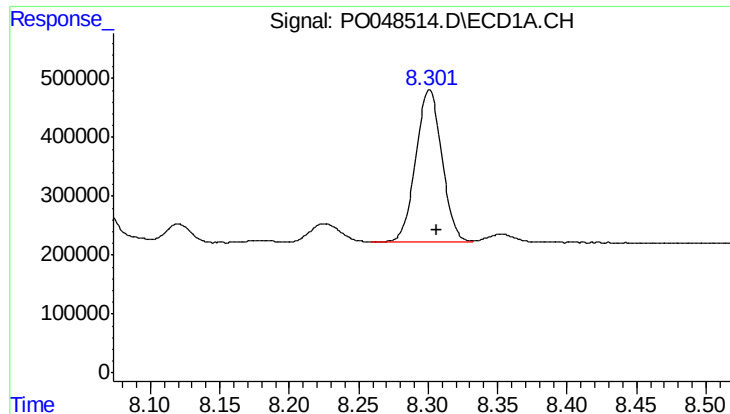
#34 AR-1260-4

R.T.: 7.986 min
Delta R.T.: -0.006 min
Response: 1883707
Conc: 190.26 ng/ml



#34 AR-1260-4

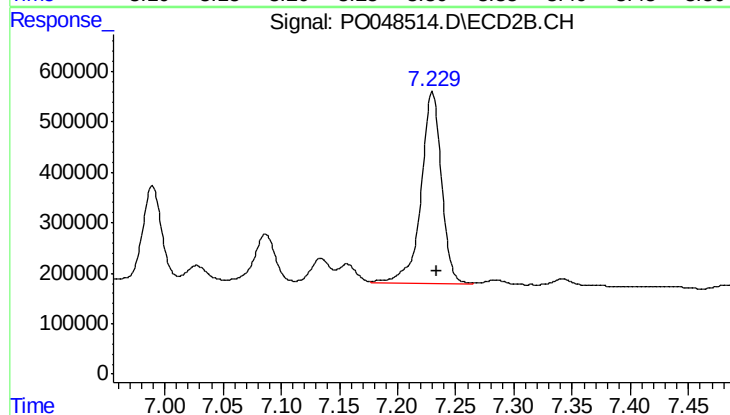
R.T.: 6.989 min
Delta R.T.: -0.005 min
Response: 2043060
Conc: 175.52 ng/ml



#35 AR-1260-5

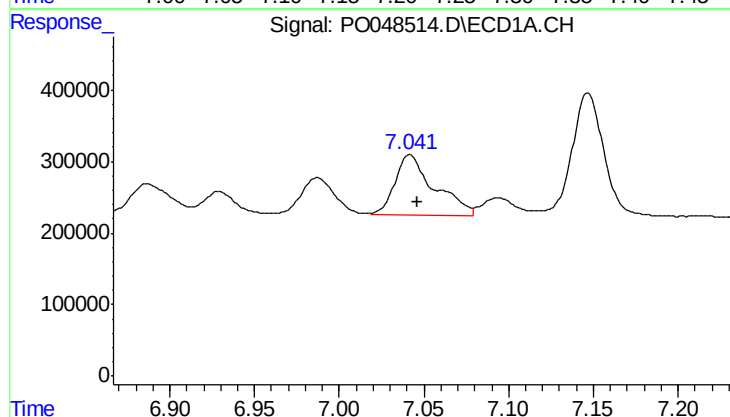
R.T.: 8.301 min
Delta R.T.: -0.005 min
Response: 3422032
Conc: 179.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



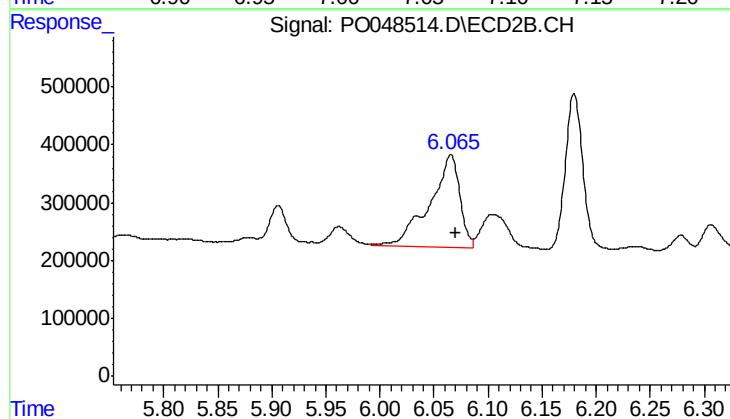
#35 AR-1260-5

R.T.: 7.230 min
Delta R.T.: -0.004 min
Response: 4683953
Conc: 172.98 ng/ml



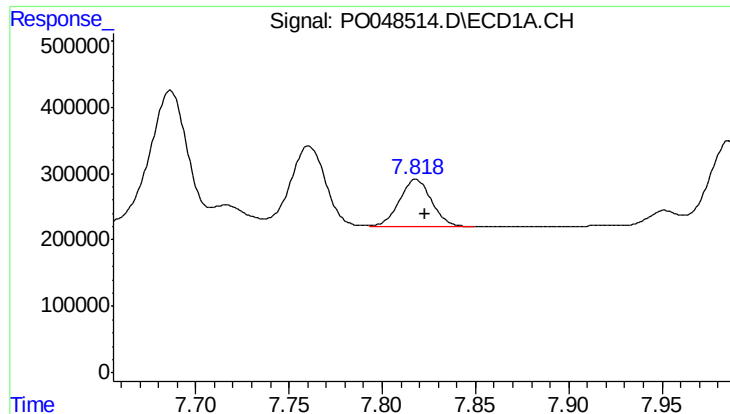
#36 AR-1262-1

R.T.: 7.042 min
Delta R.T.: -0.005 min
Response: 1344765
Conc: 172.19 ng/ml



#36 AR-1262-1

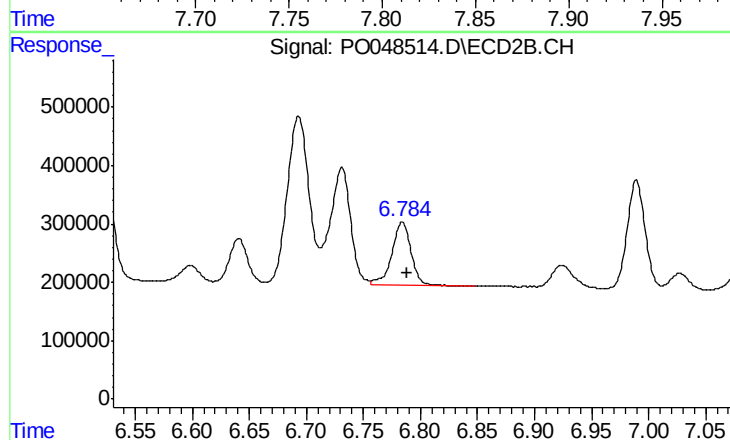
R.T.: 6.066 min
Delta R.T.: -0.005 min
Response: 3062651
Conc: 288.12 ng/ml



#37 AR-1262-2

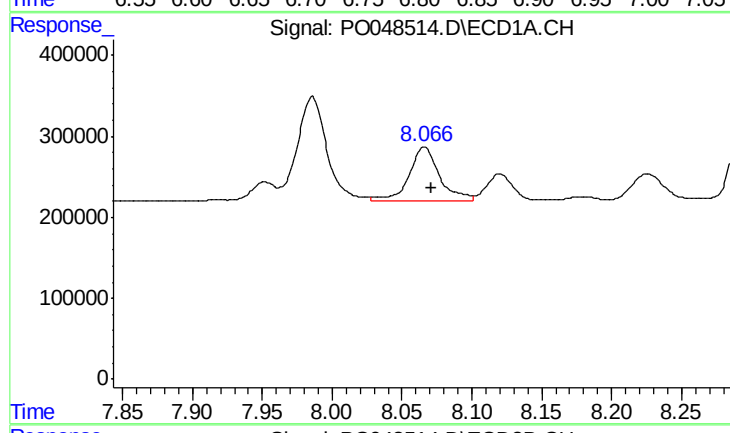
R.T.: 7.818 min
Delta R.T.: -0.005 min
Response: 856166
Conc: 132.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



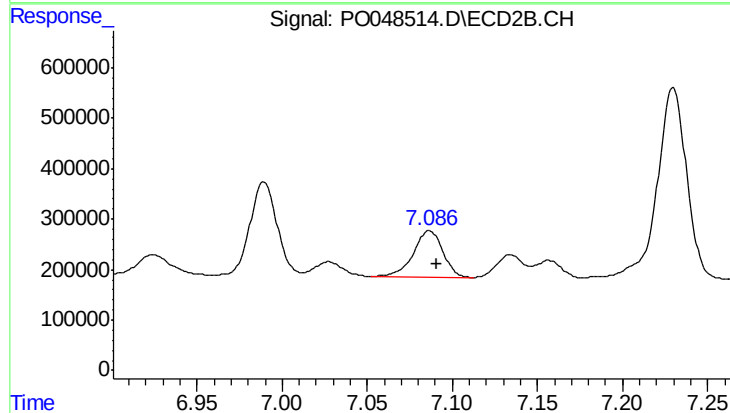
#37 AR-1262-2

R.T.: 6.784 min
Delta R.T.: -0.004 min
Response: 1270179
Conc: 132.87 ng/ml



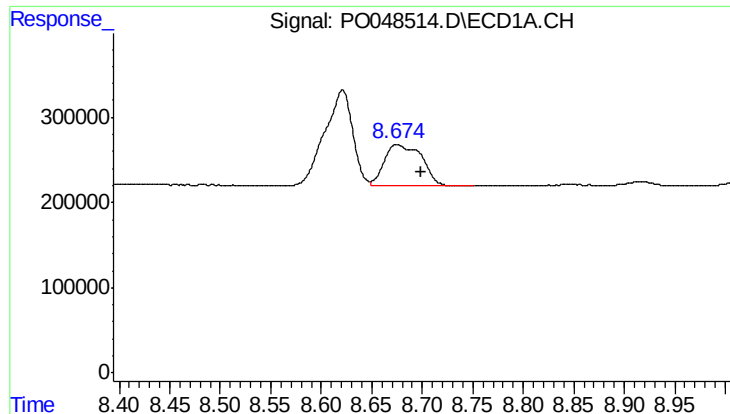
#38 AR-1262-3

R.T.: 8.066 min
Delta R.T.: -0.005 min
Response: 991224
Conc: 143.56 ng/ml



#38 AR-1262-3

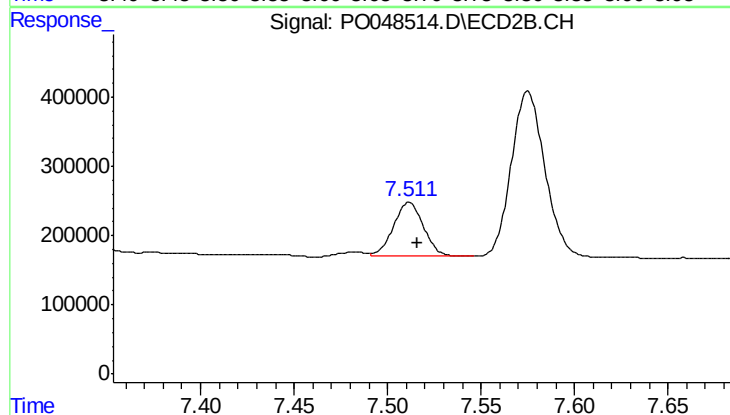
R.T.: 7.087 min
Delta R.T.: -0.004 min
Response: 1116079
Conc: 118.21 ng/ml



#39 AR-1262-4

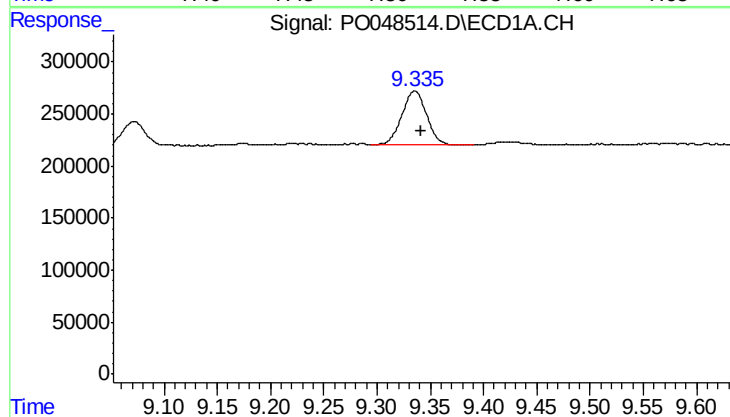
R.T.: 8.675 min
Delta R.T.: -0.024 min
Response: 1222001
Conc: 89.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



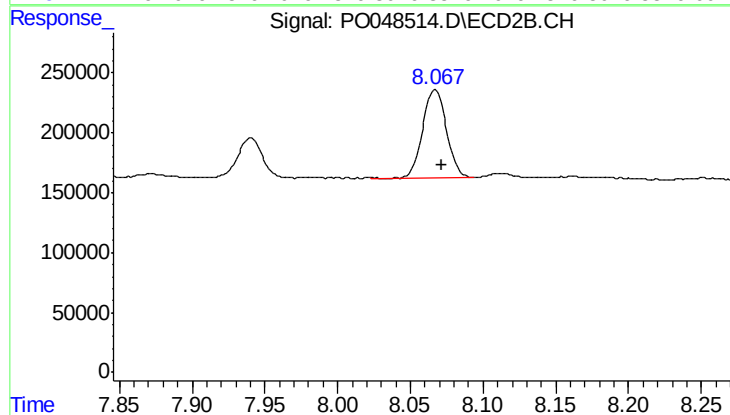
#39 AR-1262-4

R.T.: 7.512 min
Delta R.T.: -0.004 min
Response: 855850
Conc: 63.60 ng/ml



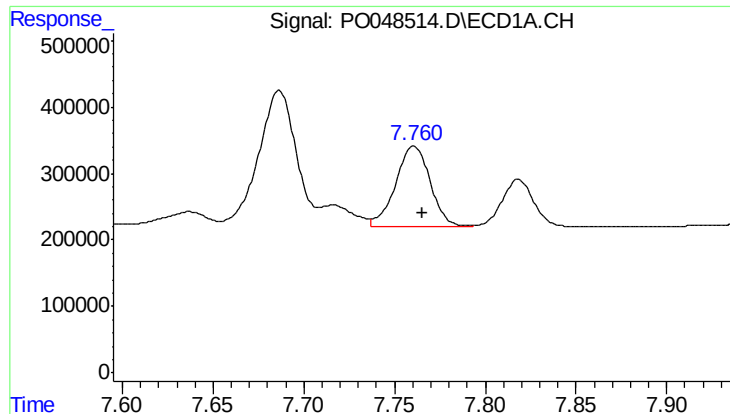
#40 AR-1262-5

R.T.: 9.336 min
Delta R.T.: -0.006 min
Response: 823417
Conc: 89.05 ng/ml



#40 AR-1262-5

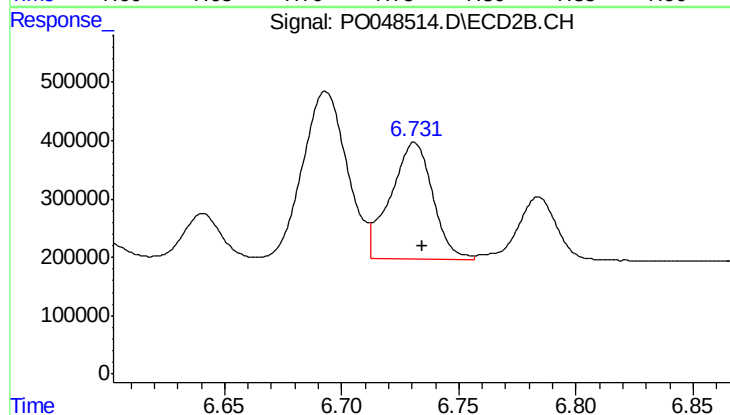
R.T.: 8.067 min
Delta R.T.: -0.004 min
Response: 833437
Conc: 80.92 ng/ml



#41 AR-1268-1

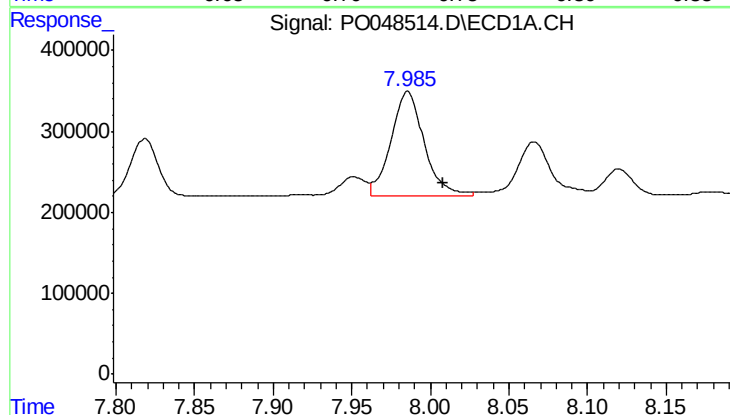
R.T.: 7.761 min
Delta R.T.: -0.005 min
Response: 1611337
Conc: 303.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



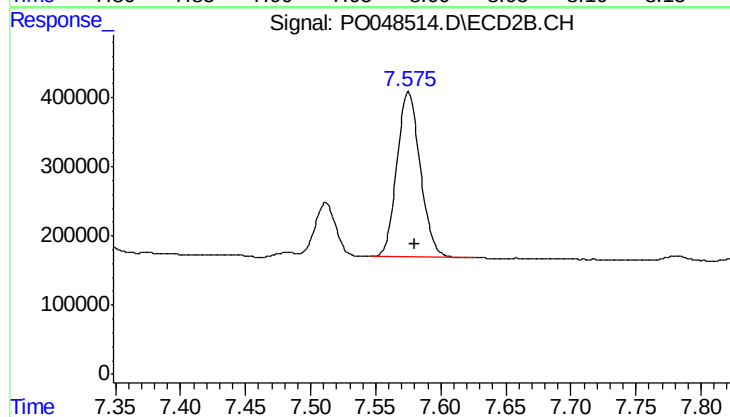
#41 AR-1268-1

R.T.: 6.731 min
Delta R.T.: -0.003 min
Response: 2504658
Conc: 323.80 ng/ml



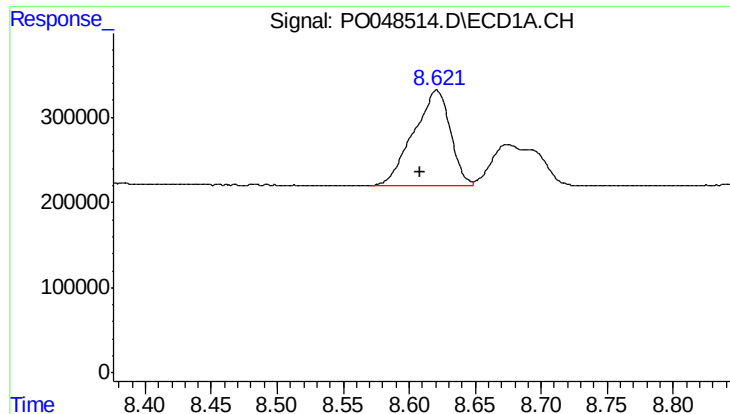
#42 AR-1268-2

R.T.: 7.986 min
Delta R.T.: -0.023 min
Response: 1883707
Conc: 275.86 ng/ml



#42 AR-1268-2

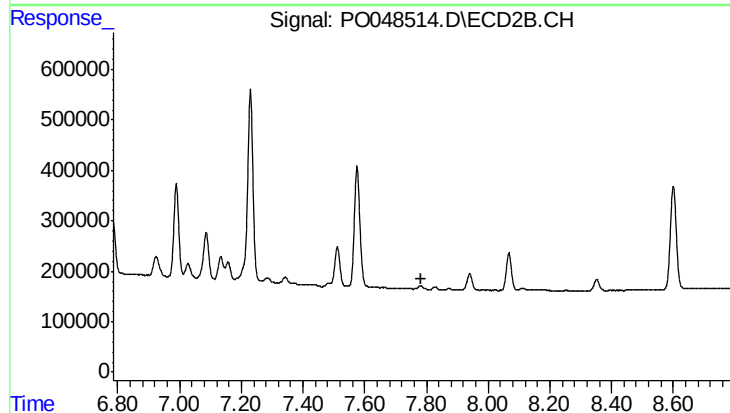
R.T.: 7.575 min
Delta R.T.: -0.005 min
Response: 2985087
Conc: 98.90 ng/ml



#43 AR-1268-3

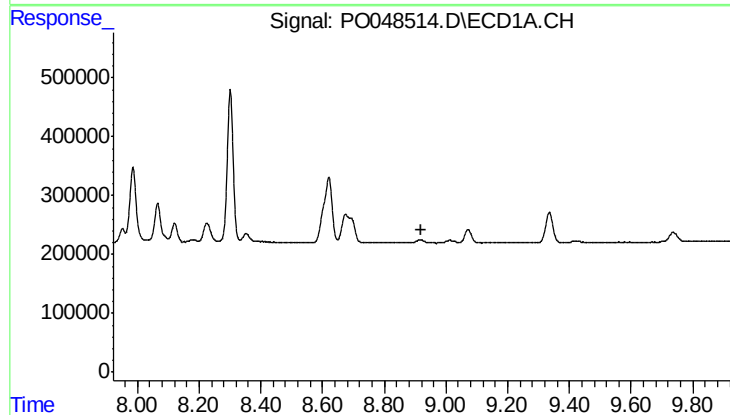
R.T.: 8.621 min
Delta R.T.: 0.013 min
Response: 2159713
Conc: 83.71 ng/ml

Instrument :
ECD_O
ClientSampleId :



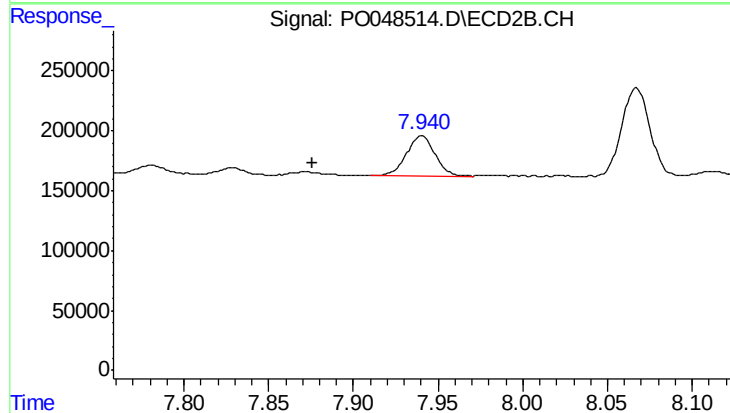
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T.: 7.785 min
Response: 0
Conc: N.D.



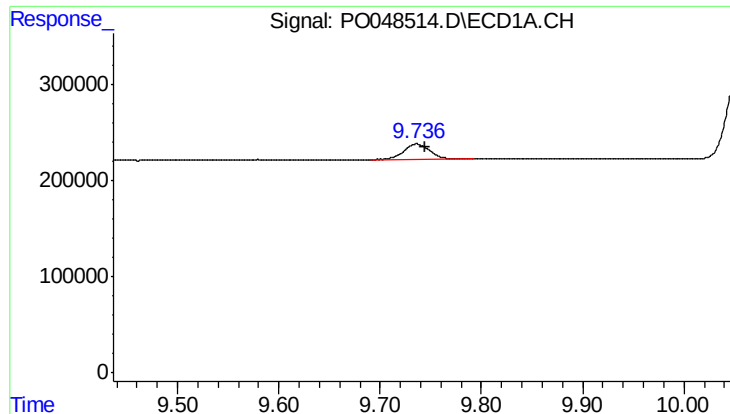
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 8.922 min
Response: 0
Conc: N.D.



#44 AR-1268-4

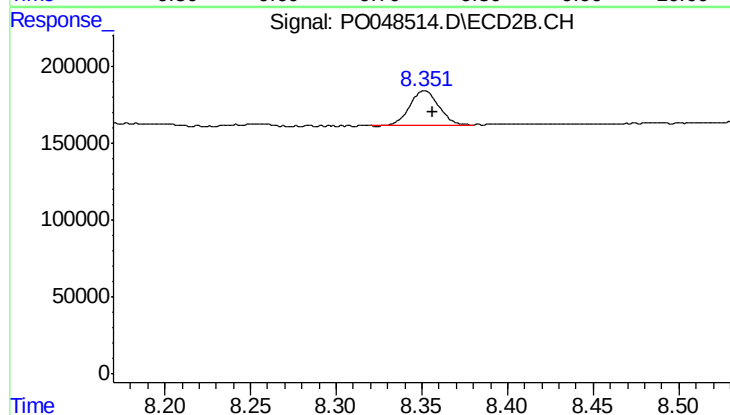
R.T.: 7.940 min
Delta R.T.: 0.065 min
Response: 389199
Conc: 59.49 ng/ml



#45 AR-1268-5

R.T.: 9.736 min
Delta R.T.: -0.008 min
Response: 300811
Conc: 4.96 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.351 min
Delta R.T.: -0.005 min
Response: 262867
Conc: 4.22 ng/ml