

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_0\Data\PO110421\
 Data File : PO082512.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 04 Nov 2021 2:33
 Operator : AJ\MA
 Sample : M4454-04
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 ECD_0
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 04 11:35:19 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_0\methods\PO110321.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Nov 03 05:20:12 2021
 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...	4.967	3.963	1781195	643040	20.350	20.779
2)	SA Decachlor...	11.071	9.278	1583940	666859	25.081	23.161
Target Compounds							
3)	L1 AR-1016-1	6.288	5.223	378010	25770	130.321	19.208 #
4)	L1 AR-1016-2	6.324	5.241	100877	49065	24.442	26.646
5)	L1 AR-1016-3	6.390	5.432	97803	34344	38.192	34.451
6)	L1 AR-1016-4	6.512	5.485	195514	327554	94.714	401.570 #
7)	L1 AR-1016-5	6.815	5.714	417207	184390	204.593	180.877
8)	L2 AR-1221-1	5.220	0.000	94896	0	100.625	N.D. #
9)	L2 AR-1221-2	0.000	4.313	0	79626	N.D.	274.280 #
10)	L2 AR-1221-3	5.423	4.414	693108	226337	335.985	244.603 #
11)	L3 AR-1232-1	5.423	4.414	693108	226337	400.110	286.709 #
12)	L3 AR-1232-2	6.006	5.241	586245	49065	662.965	65.365 #
13)	L3 AR-1232-3	6.324	5.432	100877	34344	63.881	86.607 #
14)	L3 AR-1232-4	6.512	5.529	195514	124883	254.599	361.622 #
15)	L3 AR-1232-5	6.596	5.714	670340	184390	1212.681	491.831 #
16)	L4 AR-1242-1	6.288	5.223	378010	25770	181.865	26.407 #
17)	L4 AR-1242-2	6.324	5.241	100877	49065	34.582	36.449
18)	L4 AR-1242-3	6.390	5.432	97803	34344	53.021	47.116
19)	L4 AR-1242-4	6.512	5.529	195514	124883	130.820	174.927 #
20)	L4 AR-1242-5	7.289	6.095	727497	990689	486.305	1073.109 #
21)	L5 AR-1248-1	6.288	5.223	378010	25770	247.671	34.944 #
22)	L5 AR-1248-2	6.596	5.485	670340	327554	318.710	321.667
23)	L5 AR-1248-3	6.815	5.529	417207	124883	171.948	120.014 #
24)	L5 AR-1248-4	7.247	5.714	814913	184390	317.272	150.419 #
25)	L5 AR-1248-5	7.289	6.138	727497	198413	288.430	160.571 #
26)	L6 AR-1254-1	7.217	6.095	1519024	990689	557.557	510.042
27)	L6 AR-1254-2	7.448	6.256	2229892	901188	535.312	526.591
28)	L6 AR-1254-3	7.832	6.676	2545532	1407253	595.170	547.374
29)	L6 AR-1254-4	8.131	6.917	1673587	813194	545.736	447.365
30)	L6 AR-1254-5	8.562	7.348	2092271	1452483	650.601	624.907
31)	L7 AR-1260-1	8.000	6.814	1191526	729052	375.226	401.897
32)	L7 AR-1260-2	8.268	7.013	1491422	650847	396.765	271.962 #
33)	L7 AR-1260-3	8.631	7.165	770327	585181	272.001	275.172
34)	L7 AR-1260-4	8.860	7.653	1591119	194248	477.323	116.459 #
35)	L7 AR-1260-5	9.201	7.901	603580	312269	96.191	74.993
36)	L8 AR-1262-1	8.631	7.348	770327	1452483	207.611	1215.334 #
37)	L8 AR-1262-2	9.201	7.901	603580	312269	94.501	76.517
38)	L8 AR-1262-3	9.541f	8.189	571928	139783	199.446	85.719 #
39)	L8 AR-1262-4	9.594f	8.250	435915	416101	258.296	142.892 #
40)	L8 AR-1262-5	10.296	8.753	190408	-25293	78.399	N.D. #
41)	L9 AR-1268-1	9.541f	8.189	571928	139783	70.063	26.727 #

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 Operator : AJ\MA
 Sample : M4454-04
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

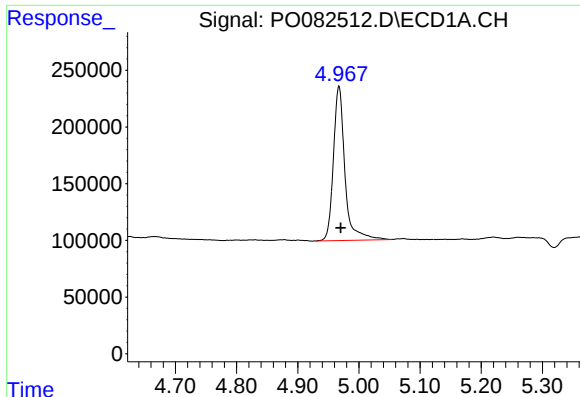
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 04 11:35:19 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO110321.M
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Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	9.594f	8.250	435915	416101	57.654	91.698 #
43) L9	AR-1268-3	0.000	8.465	0	44125	N.D.	11.353 #
44) L9	AR-1268-4	10.296	8.753	190408	-25293	67.694	N.D. #
45) L9	AR-1268-5	10.725	9.032	185739	83073	8.395	7.597

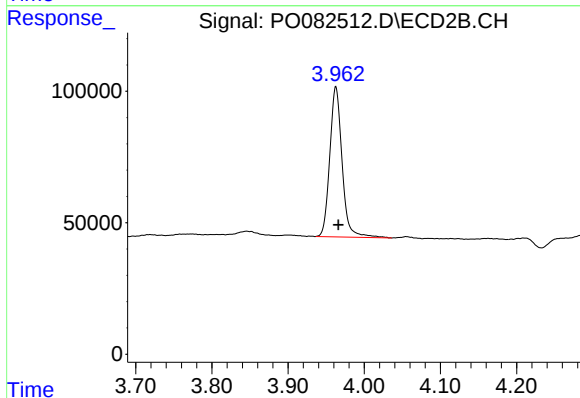
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

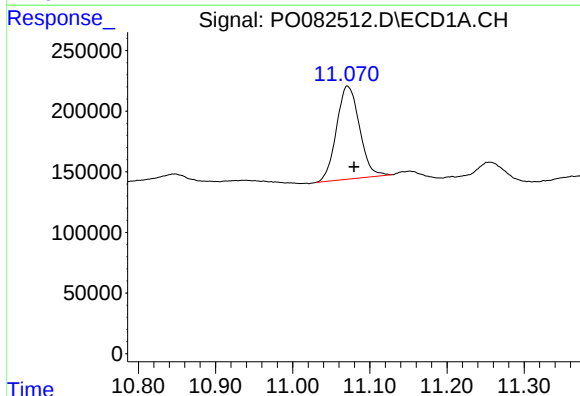
R.T.: 4.967 min
Delta R.T.: -0.003 min
Response: 1781195
Conc: 20.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



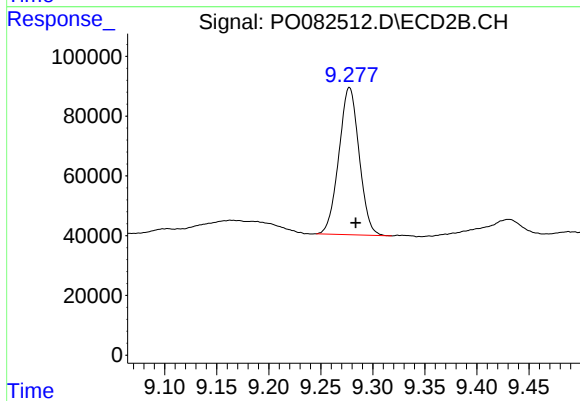
#1 Tetrachloro-m-xylene

R.T.: 3.963 min
Delta R.T.: -0.003 min
Response: 643040
Conc: 20.78 ng/ml



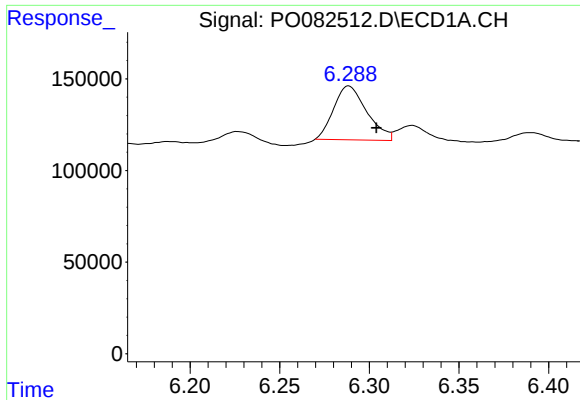
#2 Decachlorobiphenyl

R.T.: 11.071 min
Delta R.T.: -0.009 min
Response: 1583940
Conc: 25.08 ng/ml



#2 Decachlorobiphenyl

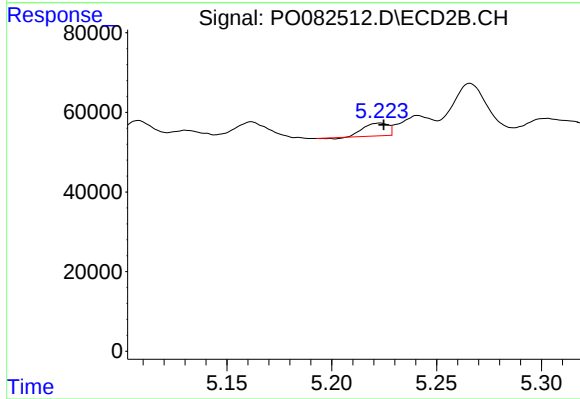
R.T.: 9.278 min
Delta R.T.: -0.006 min
Response: 666859
Conc: 23.16 ng/ml



#3 AR-1016-1

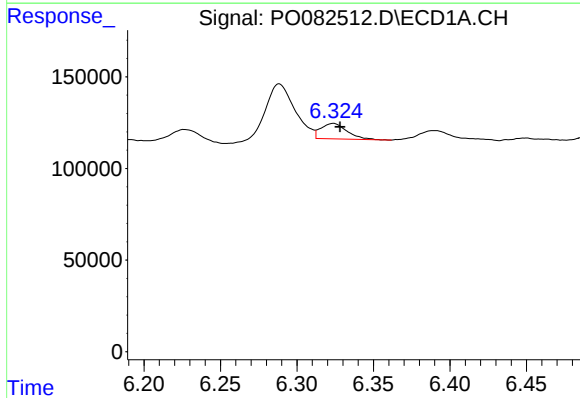
R.T.: 6.288 min
Delta R.T.: -0.015 min
Response: 378010
Conc: 130.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



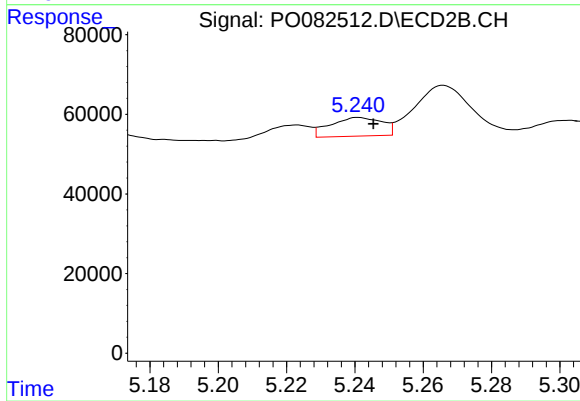
#3 AR-1016-1

R.T.: 5.223 min
Delta R.T.: -0.002 min
Response: 25770
Conc: 19.21 ng/ml



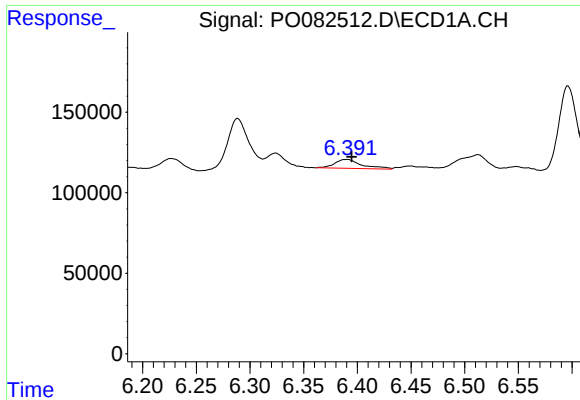
#4 AR-1016-2

R.T.: 6.324 min
Delta R.T.: -0.004 min
Response: 100877
Conc: 24.44 ng/ml



#4 AR-1016-2

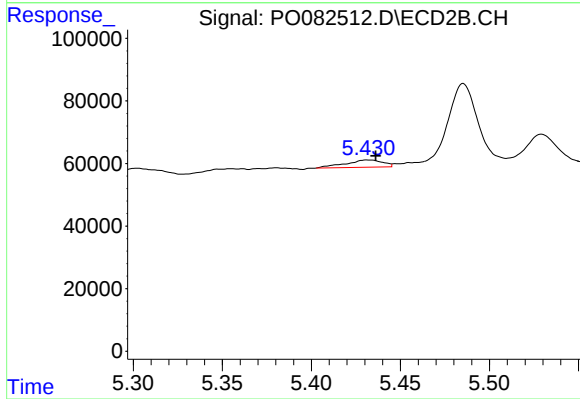
R.T.: 5.241 min
Delta R.T.: -0.004 min
Response: 49065
Conc: 26.65 ng/ml



#5 AR-1016-3

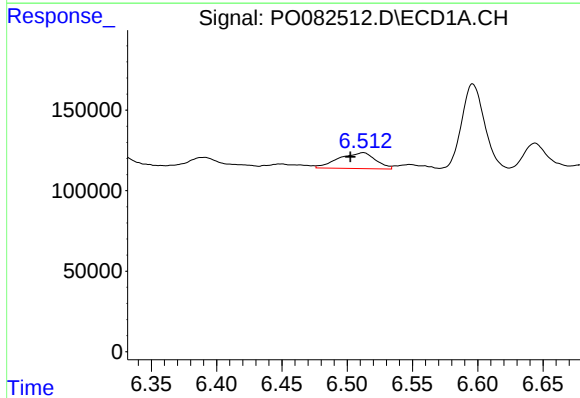
R.T.: 6.390 min
Delta R.T.: -0.004 min
Response: 97803
Conc: 38.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



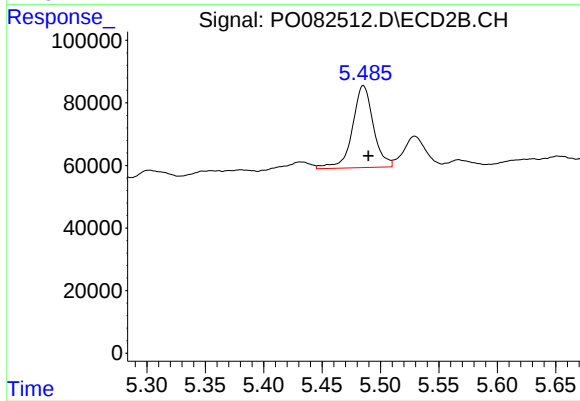
#5 AR-1016-3

R.T.: 5.432 min
Delta R.T.: -0.004 min
Response: 34344
Conc: 34.45 ng/ml



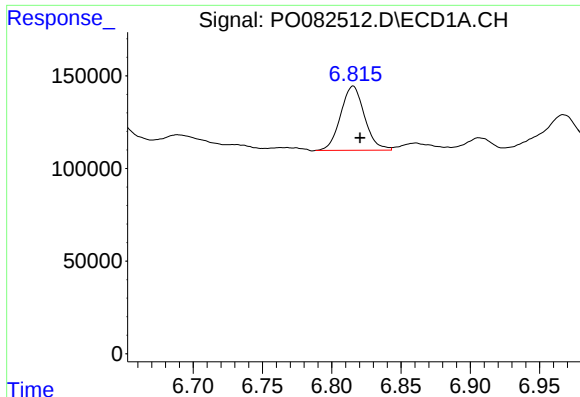
#6 AR-1016-4

R.T.: 6.512 min
Delta R.T.: 0.010 min
Response: 195514
Conc: 94.71 ng/ml



#6 AR-1016-4

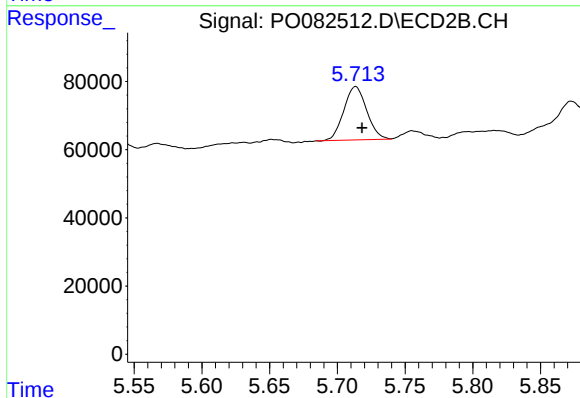
R.T.: 5.485 min
Delta R.T.: -0.004 min
Response: 327554
Conc: 401.57 ng/ml



#7 AR-1016-5

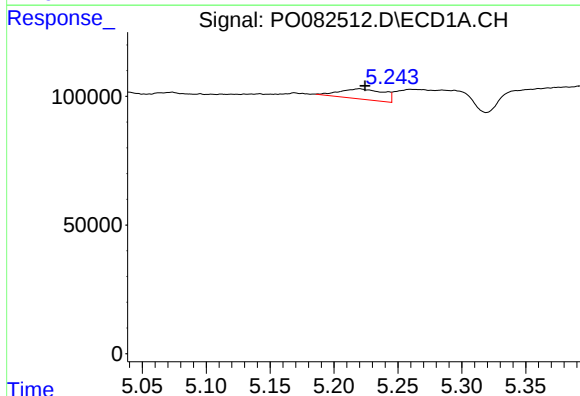
R.T.: 6.815 min
Delta R.T.: -0.005 min
Response: 417207
Conc: 204.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



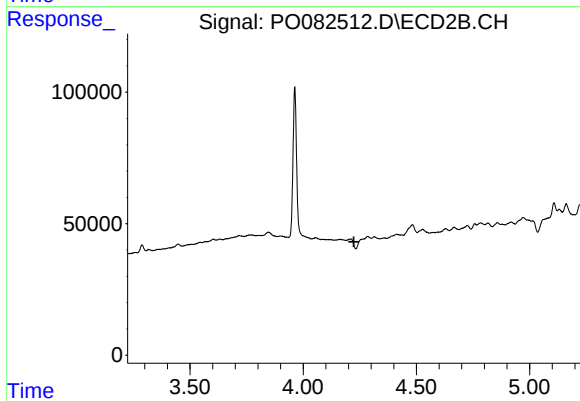
#7 AR-1016-5

R.T.: 5.714 min
Delta R.T.: -0.005 min
Response: 184390
Conc: 180.88 ng/ml



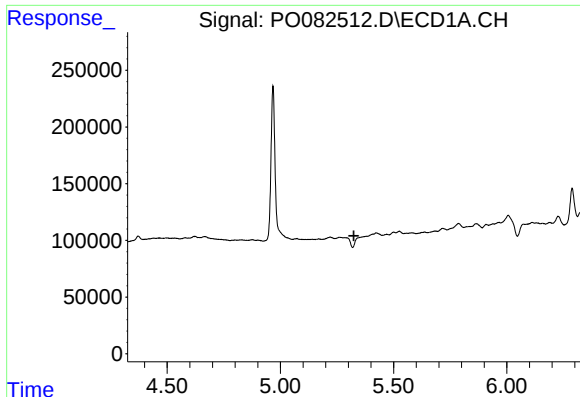
#8 AR-1221-1

R.T.: 5.220 min
Delta R.T.: -0.005 min
Response: 94896
Conc: 100.63 ng/ml



#8 AR-1221-1

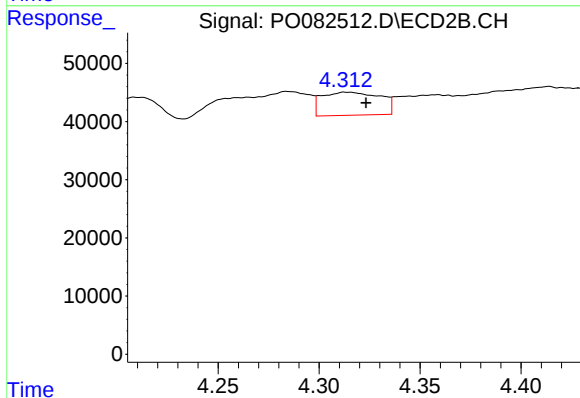
R.T.: 0.000 min
Exp R.T. : 4.224 min
Response: 0
Conc: N.D.



#9 AR-1221-2

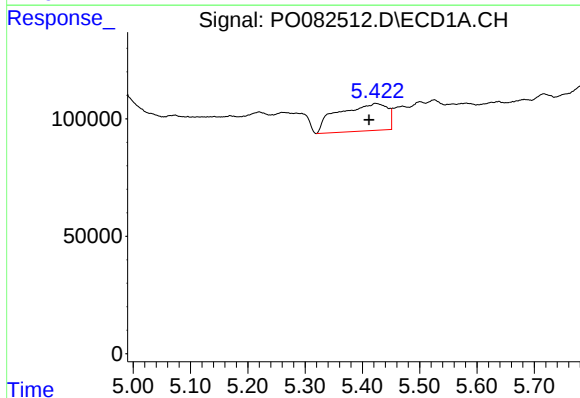
R.T.: 0.000 min
Exp R.T.: 5.325 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



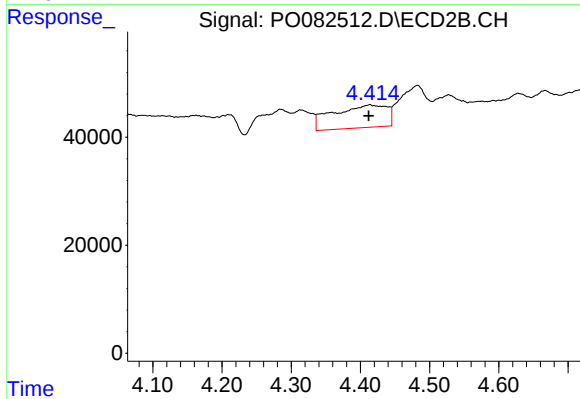
#9 AR-1221-2

R.T.: 4.313 min
Delta R.T.: -0.010 min
Response: 79626
Conc: 274.28 ng/ml



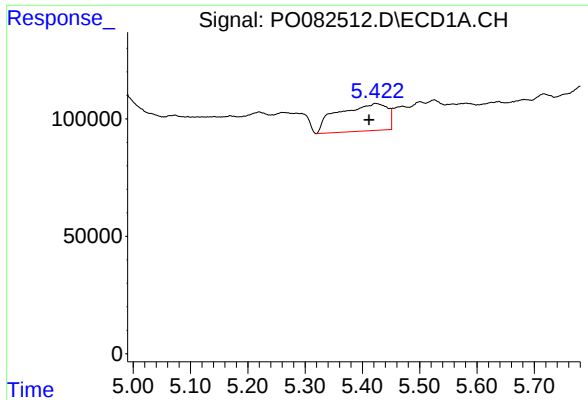
#10 AR-1221-3

R.T.: 5.423 min
Delta R.T.: 0.011 min
Response: 693108
Conc: 335.99 ng/ml



#10 AR-1221-3

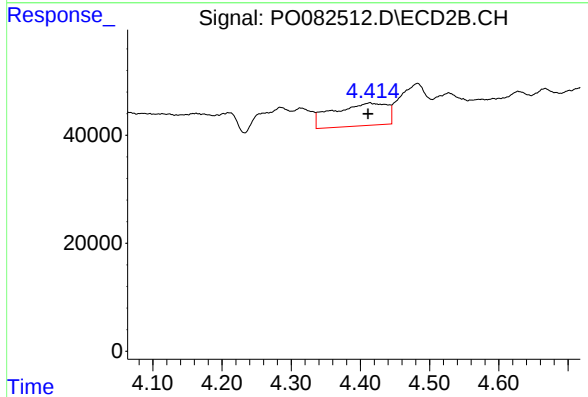
R.T.: 4.414 min
Delta R.T.: 0.002 min
Response: 226337
Conc: 244.60 ng/ml



#11 AR-1232-1

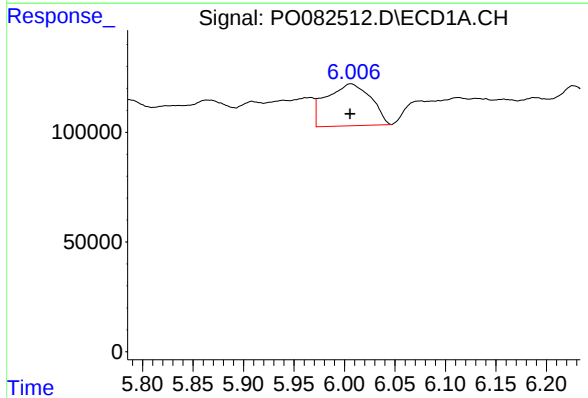
R.T.: 5.423 min
Delta R.T.: 0.011 min
Response: 693108
Conc: 400.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



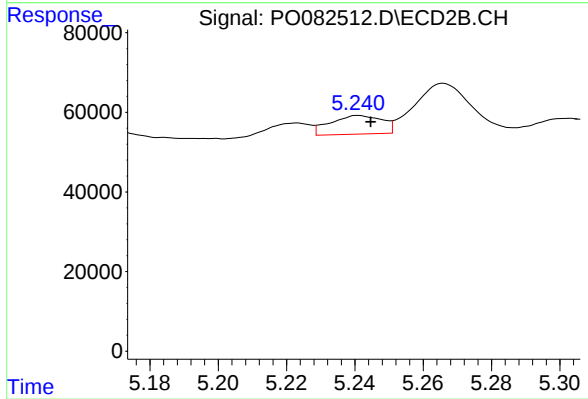
#11 AR-1232-1

R.T.: 4.414 min
Delta R.T.: 0.002 min
Response: 226337
Conc: 286.71 ng/ml



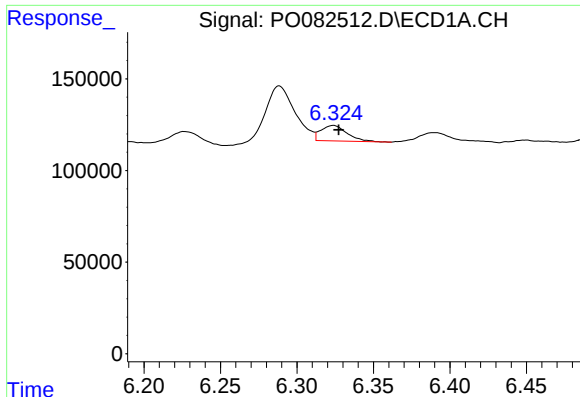
#12 AR-1232-2

R.T.: 6.006 min
Delta R.T.: 0.000 min
Response: 586245
Conc: 662.97 ng/ml



#12 AR-1232-2

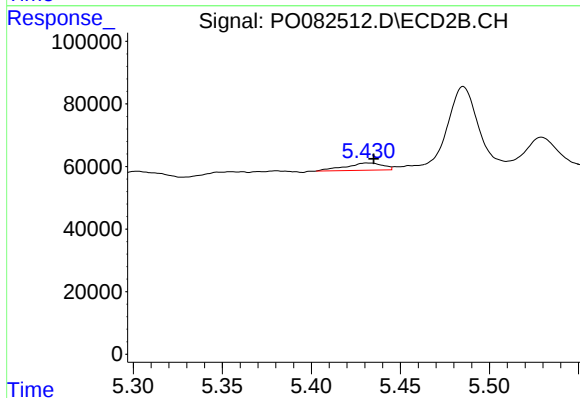
R.T.: 5.241 min
Delta R.T.: -0.004 min
Response: 49065
Conc: 65.36 ng/ml



#13 AR-1232-3

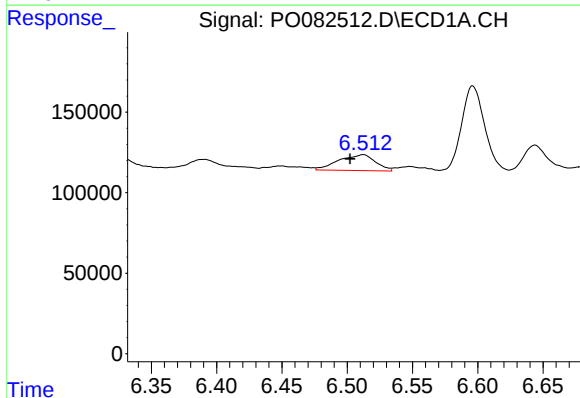
R.T.: 6.324 min
Delta R.T.: -0.003 min
Response: 100877
Conc: 63.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



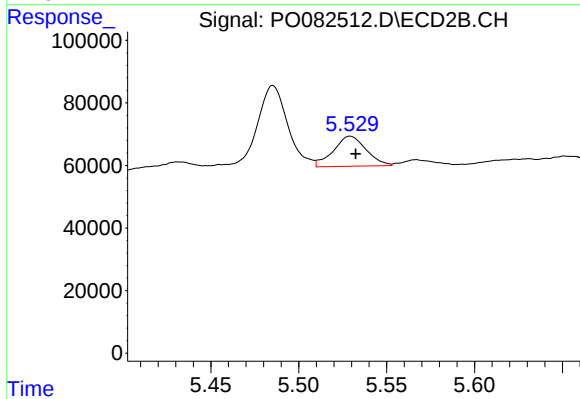
#13 AR-1232-3

R.T.: 5.432 min
Delta R.T.: -0.003 min
Response: 34344
Conc: 86.61 ng/ml



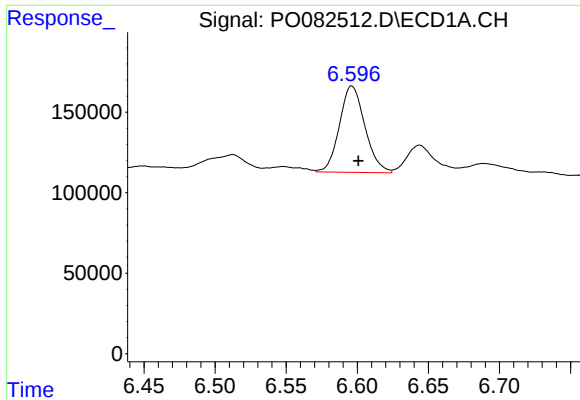
#14 AR-1232-4

R.T.: 6.512 min
Delta R.T.: 0.010 min
Response: 195514
Conc: 254.60 ng/ml



#14 AR-1232-4

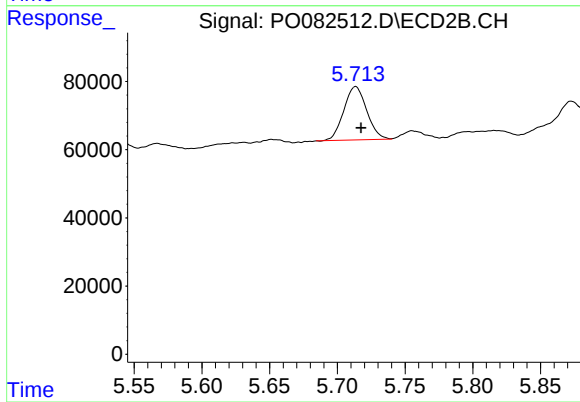
R.T.: 5.529 min
Delta R.T.: -0.003 min
Response: 124883
Conc: 361.62 ng/ml



#15 AR-1232-5

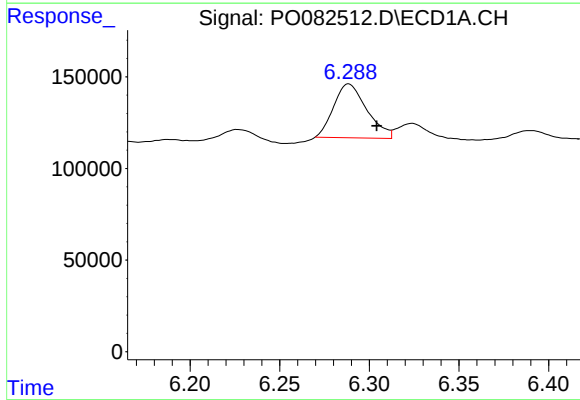
R.T.: 6.596 min
Delta R.T.: -0.005 min
Response: 670340
Conc: 1212.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



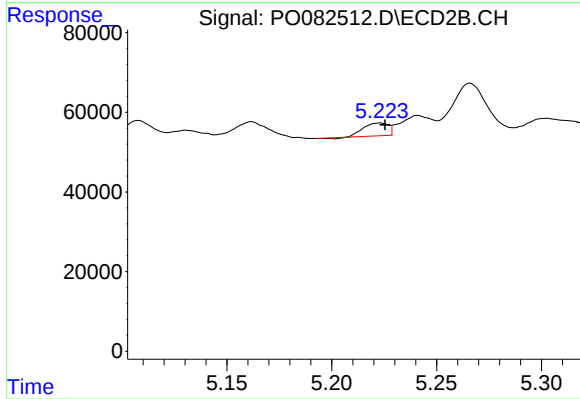
#15 AR-1232-5

R.T.: 5.714 min
Delta R.T.: -0.004 min
Response: 184390
Conc: 491.83 ng/ml



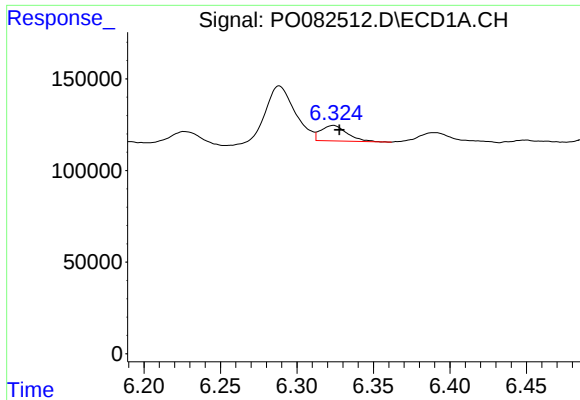
#16 AR-1242-1

R.T.: 6.288 min
Delta R.T.: -0.016 min
Response: 378010
Conc: 181.86 ng/ml



#16 AR-1242-1

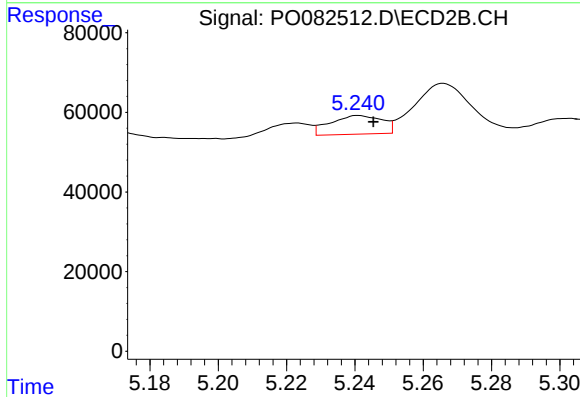
R.T.: 5.223 min
Delta R.T.: -0.002 min
Response: 25770
Conc: 26.41 ng/ml



#17 AR-1242-2

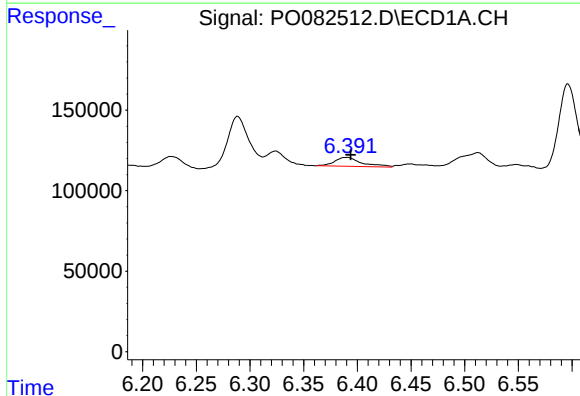
R.T.: 6.324 min
Delta R.T.: -0.004 min
Response: 100877
Conc: 34.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



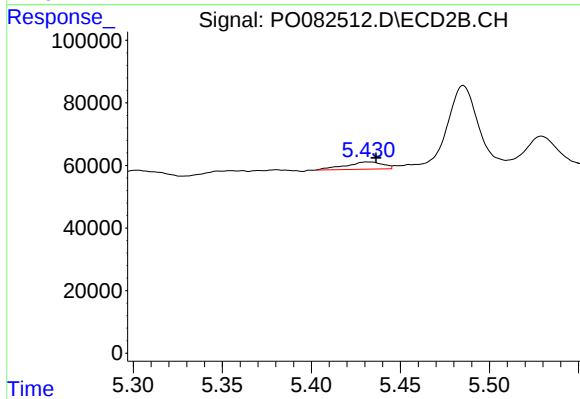
#17 AR-1242-2

R.T.: 5.241 min
Delta R.T.: -0.004 min
Response: 49065
Conc: 36.45 ng/ml



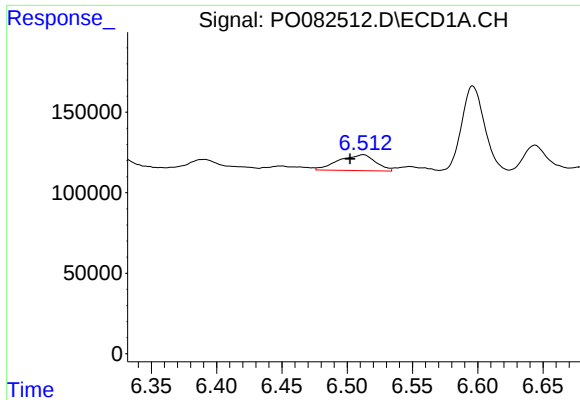
#18 AR-1242-3

R.T.: 6.390 min
Delta R.T.: -0.004 min
Response: 97803
Conc: 53.02 ng/ml



#18 AR-1242-3

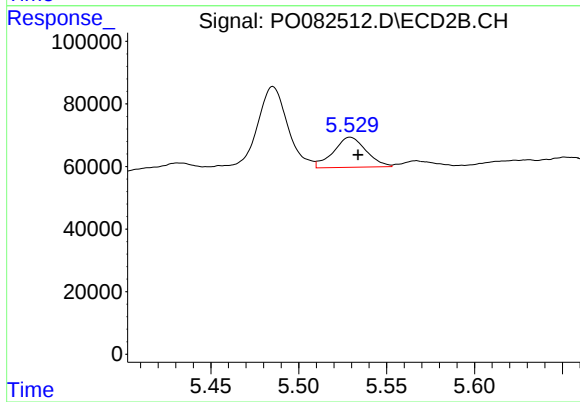
R.T.: 5.432 min
Delta R.T.: -0.004 min
Response: 34344
Conc: 47.12 ng/ml



#19 AR-1242-4

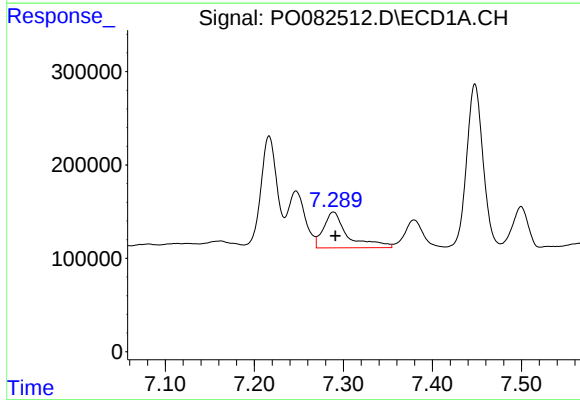
R.T.: 6.512 min
Delta R.T.: 0.010 min
Response: 195514
Conc: 130.82 ng/ml

Instrument :
ECD_O
ClientSampleId :



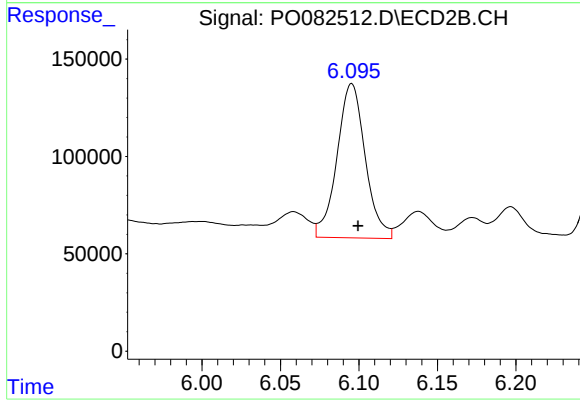
#19 AR-1242-4

R.T.: 5.529 min
Delta R.T.: -0.005 min
Response: 124883
Conc: 174.93 ng/ml



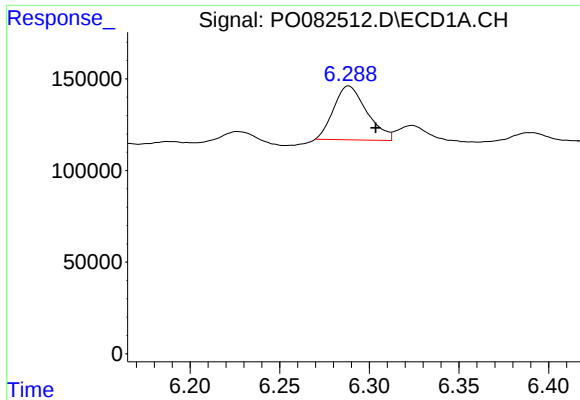
#20 AR-1242-5

R.T.: 7.289 min
Delta R.T.: -0.002 min
Response: 727497
Conc: 486.30 ng/ml



#20 AR-1242-5

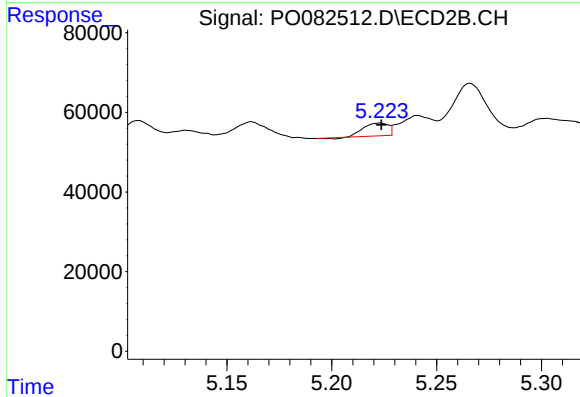
R.T.: 6.095 min
Delta R.T.: -0.004 min
Response: 990689
Conc: 1073.11 ng/ml



#21 AR-1248-1

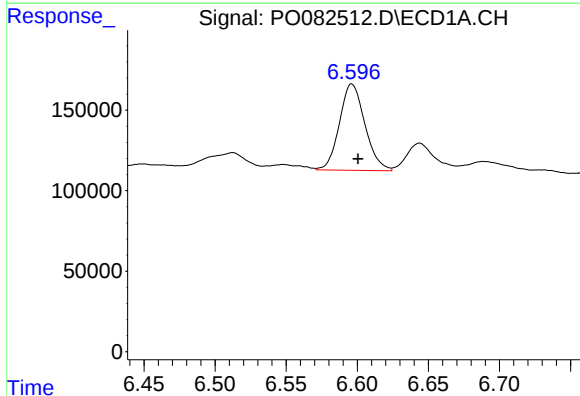
R.T.: 6.288 min
Delta R.T.: -0.015 min
Response: 378010
Conc: 247.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



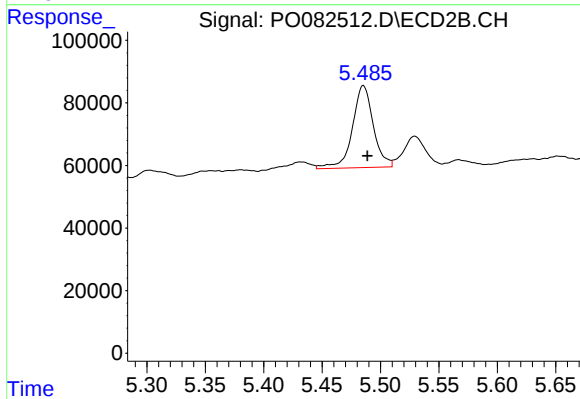
#21 AR-1248-1

R.T.: 5.223 min
Delta R.T.: 0.000 min
Response: 25770
Conc: 34.94 ng/ml



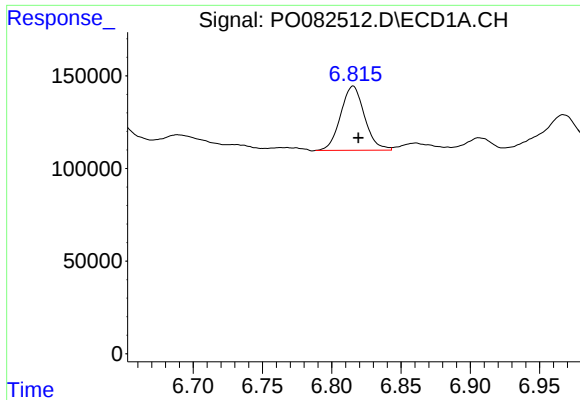
#22 AR-1248-2

R.T.: 6.596 min
Delta R.T.: -0.005 min
Response: 670340
Conc: 318.71 ng/ml



#22 AR-1248-2

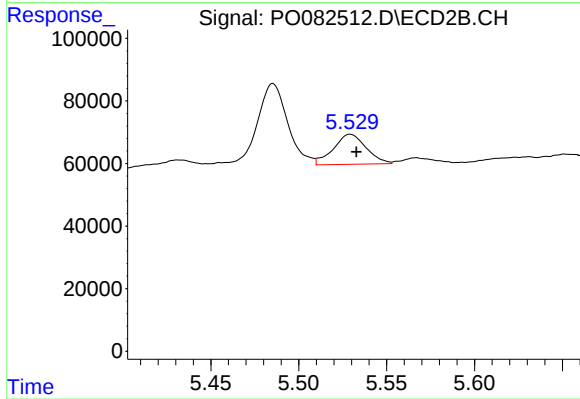
R.T.: 5.485 min
Delta R.T.: -0.003 min
Response: 327554
Conc: 321.67 ng/ml



#23 AR-1248-3

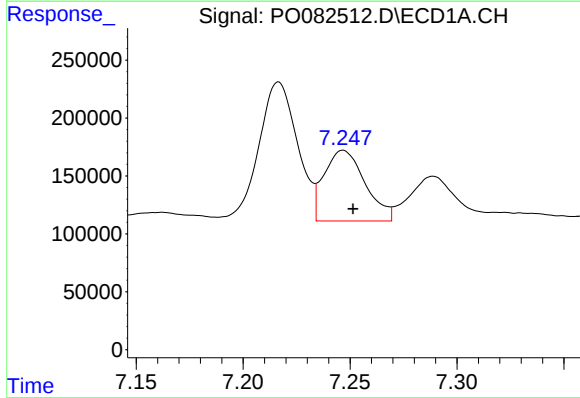
R.T.: 6.815 min
Delta R.T.: -0.004 min
Response: 417207
Conc: 171.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



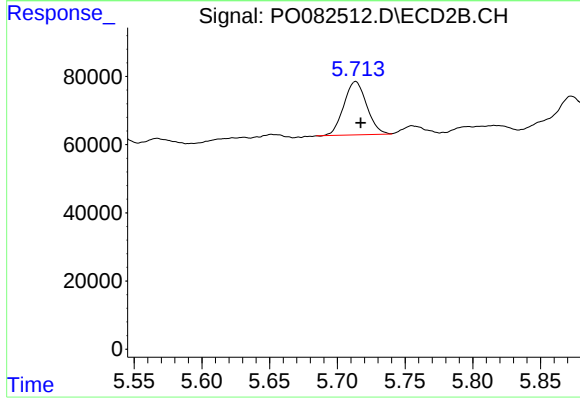
#23 AR-1248-3

R.T.: 5.529 min
Delta R.T.: -0.004 min
Response: 124883
Conc: 120.01 ng/ml



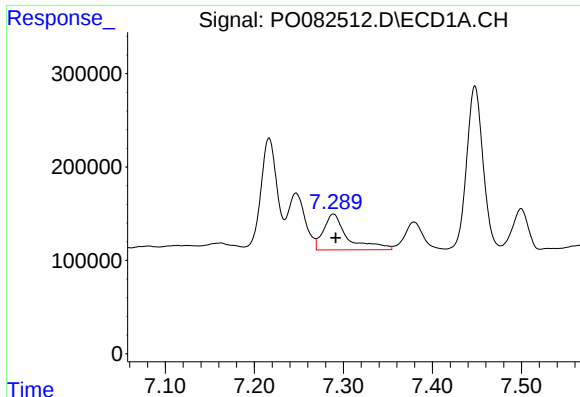
#24 AR-1248-4

R.T.: 7.247 min
Delta R.T.: -0.005 min
Response: 814913
Conc: 317.27 ng/ml



#24 AR-1248-4

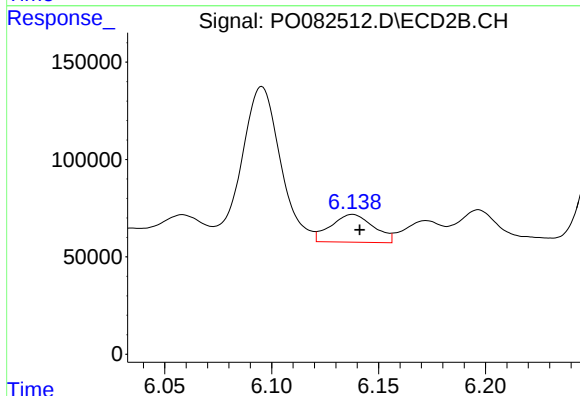
R.T.: 5.714 min
Delta R.T.: -0.004 min
Response: 184390
Conc: 150.42 ng/ml



#25 AR-1248-5

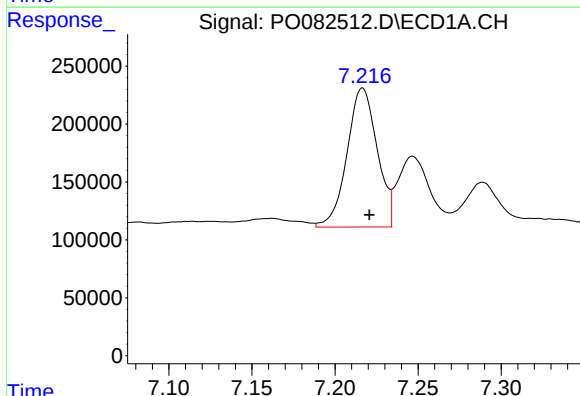
R.T.: 7.289 min
Delta R.T.: -0.002 min
Response: 727497
Conc: 288.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



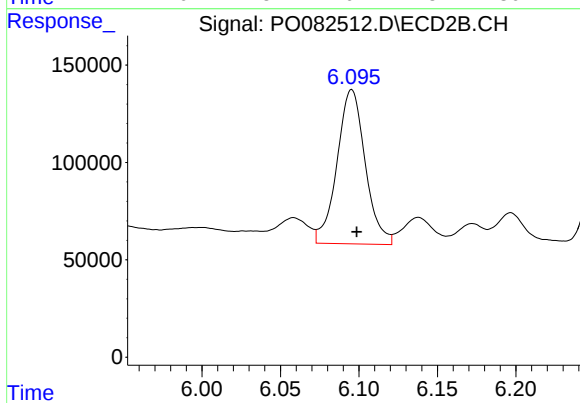
#25 AR-1248-5

R.T.: 6.138 min
Delta R.T.: -0.003 min
Response: 198413
Conc: 160.57 ng/ml



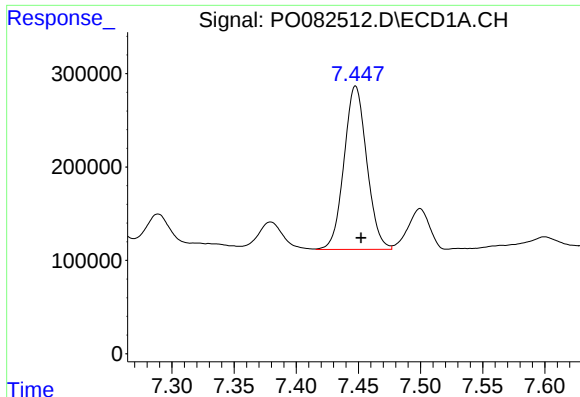
#26 AR-1254-1

R.T.: 7.217 min
Delta R.T.: -0.004 min
Response: 1519024
Conc: 557.56 ng/ml



#26 AR-1254-1

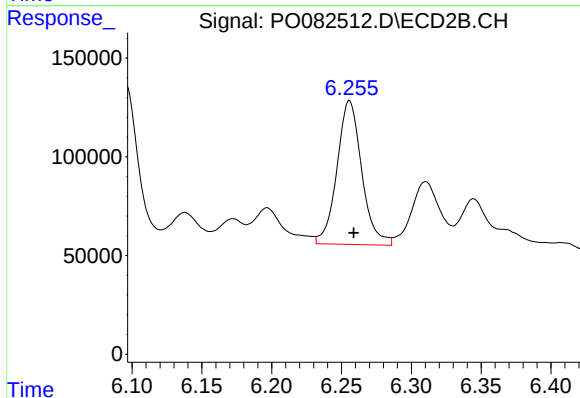
R.T.: 6.095 min
Delta R.T.: -0.003 min
Response: 990689
Conc: 510.04 ng/ml



#27 AR-1254-2

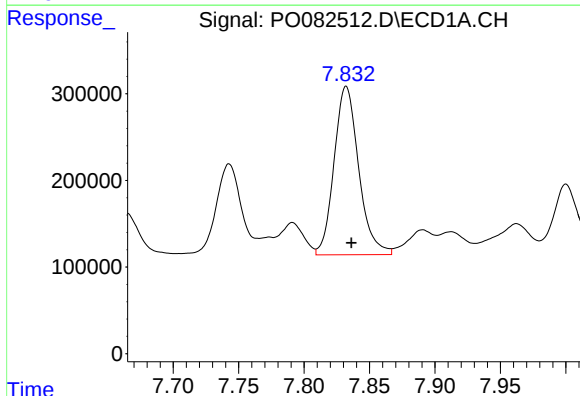
R.T.: 7.448 min
Delta R.T.: -0.004 min
Response: 2229892
Conc: 535.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



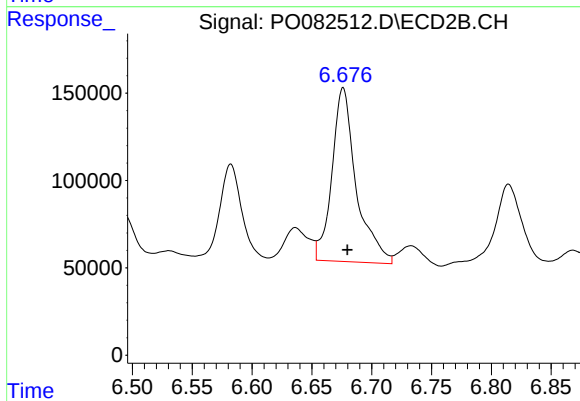
#27 AR-1254-2

R.T.: 6.256 min
Delta R.T.: -0.003 min
Response: 901188
Conc: 526.59 ng/ml



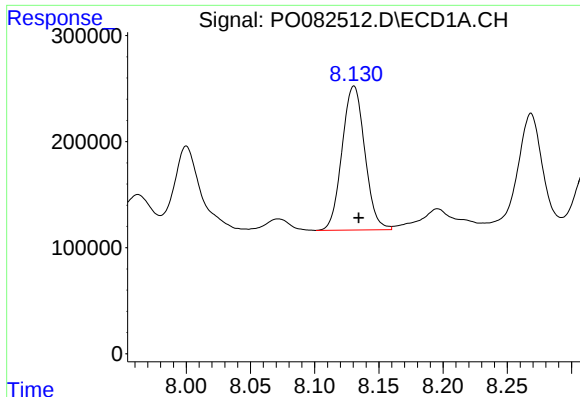
#28 AR-1254-3

R.T.: 7.832 min
Delta R.T.: -0.004 min
Response: 2545532
Conc: 595.17 ng/ml



#28 AR-1254-3

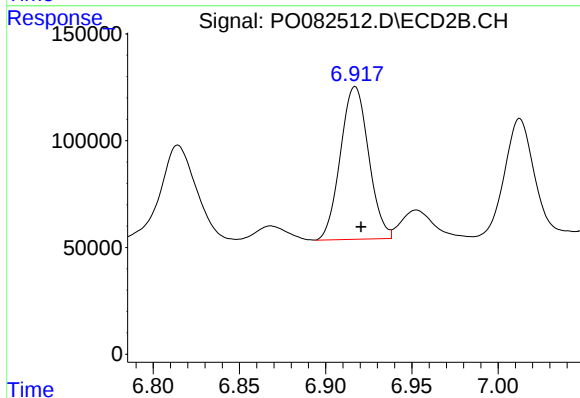
R.T.: 6.676 min
Delta R.T.: -0.004 min
Response: 1407253
Conc: 547.37 ng/ml



#29 AR-1254-4

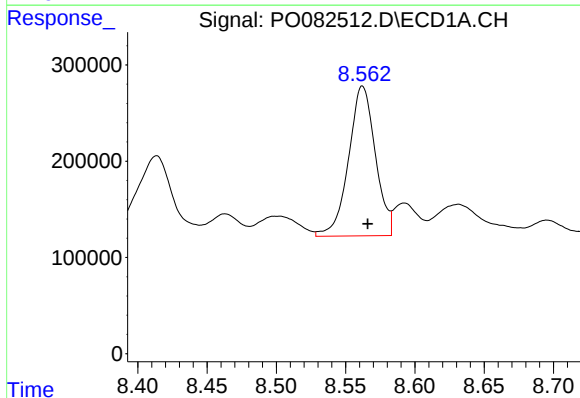
R.T.: 8.131 min
Delta R.T.: -0.004 min
Response: 1673587
Conc: 545.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



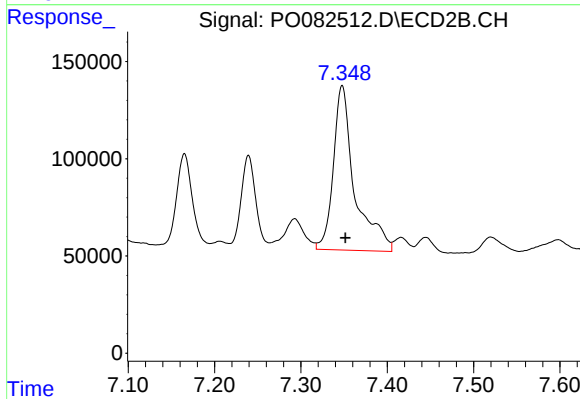
#29 AR-1254-4

R.T.: 6.917 min
Delta R.T.: -0.003 min
Response: 813194
Conc: 447.37 ng/ml



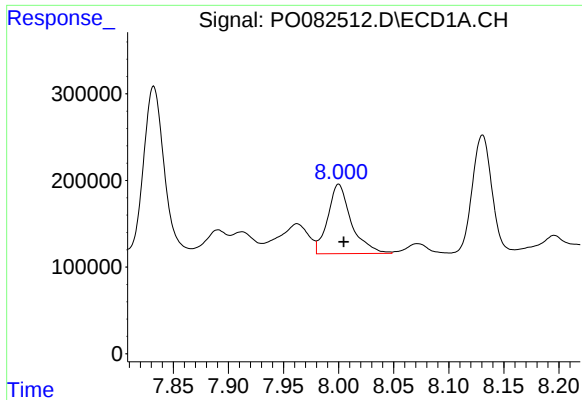
#30 AR-1254-5

R.T.: 8.562 min
Delta R.T.: -0.004 min
Response: 2092271
Conc: 650.60 ng/ml



#30 AR-1254-5

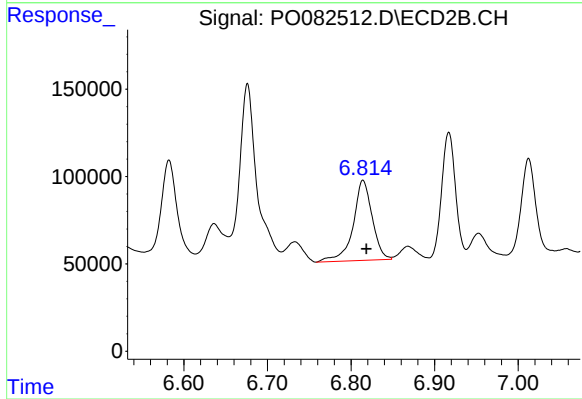
R.T.: 7.348 min
Delta R.T.: -0.003 min
Response: 1452483
Conc: 624.91 ng/ml



#31 AR-1260-1

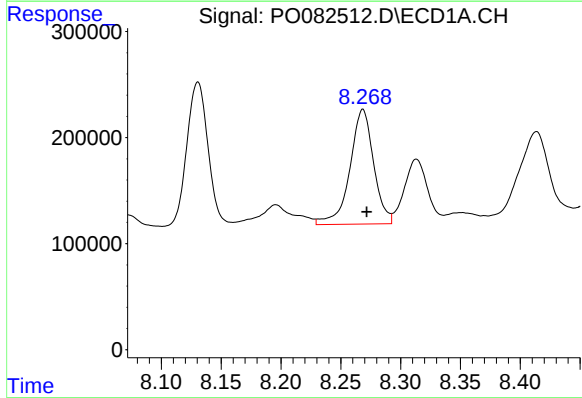
R.T.: 8.000 min
Delta R.T.: -0.004 min
Response: 1191526
Conc: 375.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



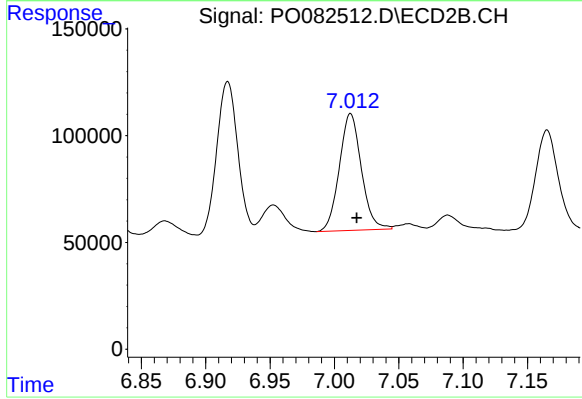
#31 AR-1260-1

R.T.: 6.814 min
Delta R.T.: -0.004 min
Response: 729052
Conc: 401.90 ng/ml



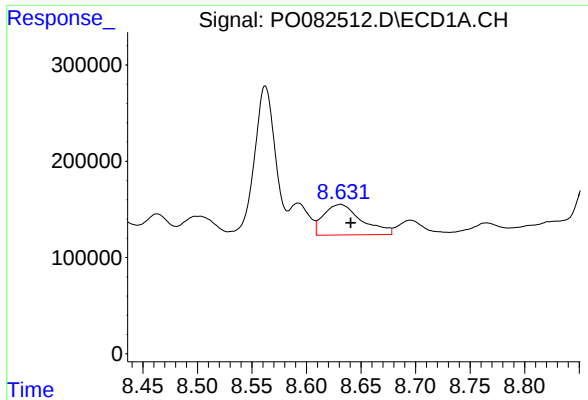
#32 AR-1260-2

R.T.: 8.268 min
Delta R.T.: -0.003 min
Response: 1491422
Conc: 396.77 ng/ml



#32 AR-1260-2

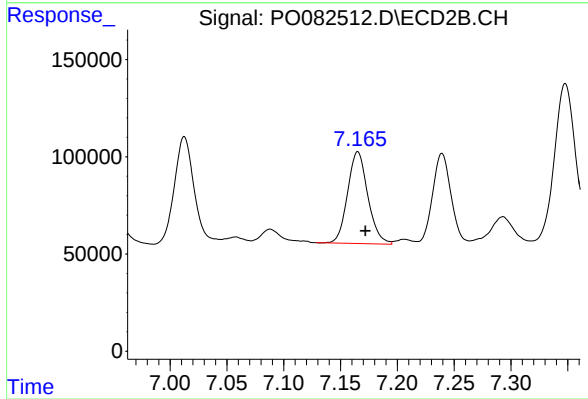
R.T.: 7.013 min
Delta R.T.: -0.005 min
Response: 650847
Conc: 271.96 ng/ml



#33 AR-1260-3

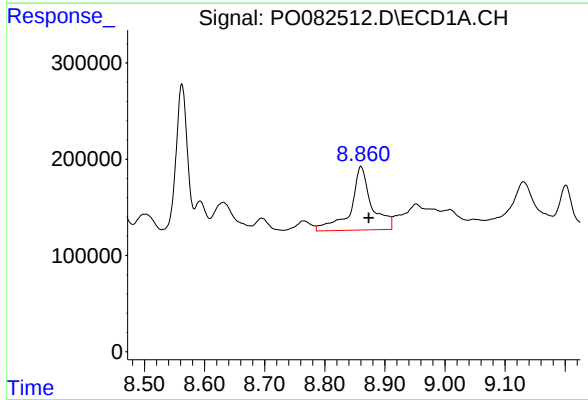
R.T.: 8.631 min
Delta R.T.: -0.009 min
Response: 770327
Conc: 272.00 ng/ml

Instrument :
ECD_O
ClientSampleId :



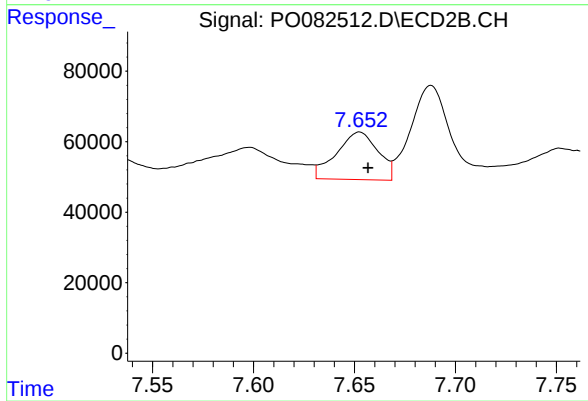
#33 AR-1260-3

R.T.: 7.165 min
Delta R.T.: -0.007 min
Response: 585181
Conc: 275.17 ng/ml



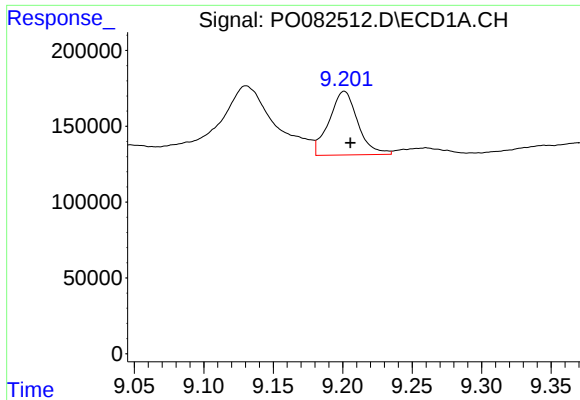
#34 AR-1260-4

R.T.: 8.860 min
Delta R.T.: -0.013 min
Response: 1591119
Conc: 477.32 ng/ml



#34 AR-1260-4

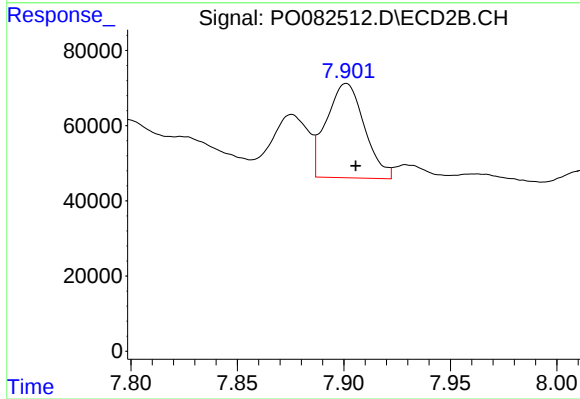
R.T.: 7.653 min
Delta R.T.: -0.004 min
Response: 194248
Conc: 116.46 ng/ml



#35 AR-1260-5

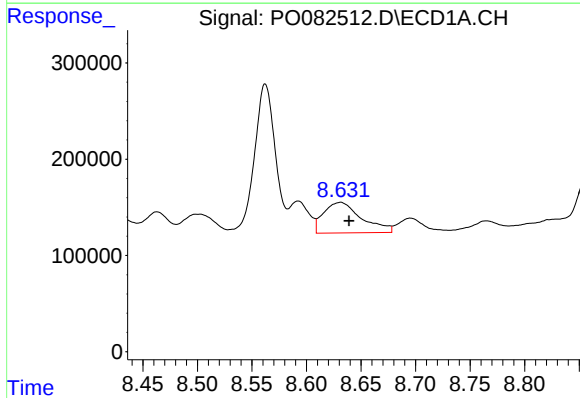
R.T.: 9.201 min
Delta R.T.: -0.004 min
Response: 603580
Conc: 96.19 ng/ml

Instrument :
ECD_O
ClientSampleId :



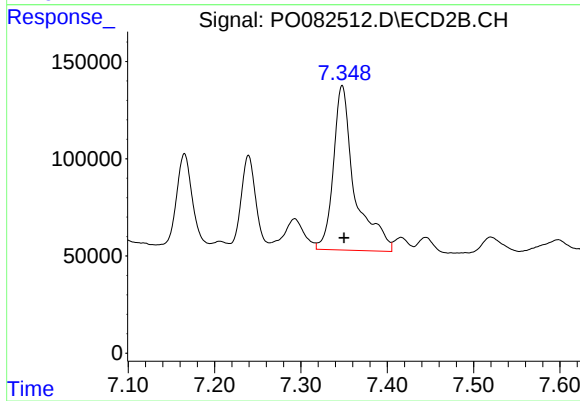
#35 AR-1260-5

R.T.: 7.901 min
Delta R.T.: -0.004 min
Response: 312269
Conc: 74.99 ng/ml



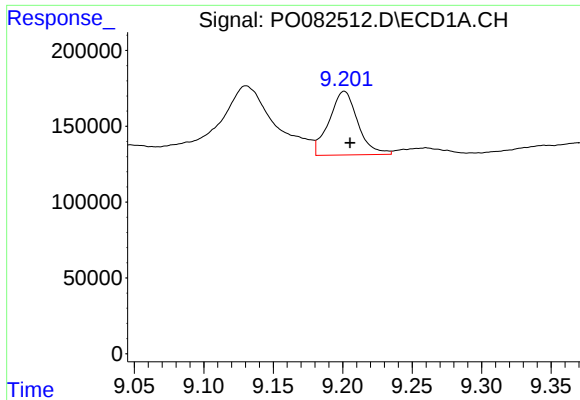
#36 AR-1262-1

R.T.: 8.631 min
Delta R.T.: -0.008 min
Response: 770327
Conc: 207.61 ng/ml



#36 AR-1262-1

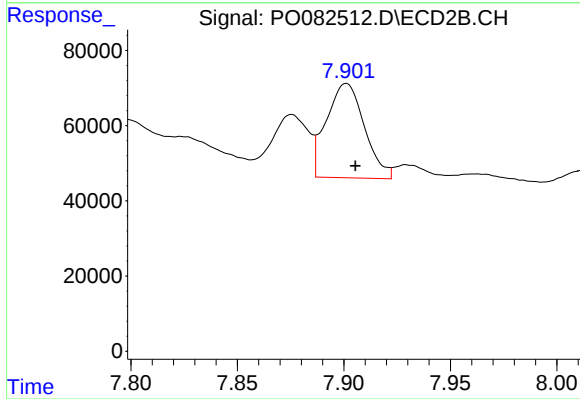
R.T.: 7.348 min
Delta R.T.: -0.002 min
Response: 1452483
Conc: 1215.33 ng/ml



#37 AR-1262-2

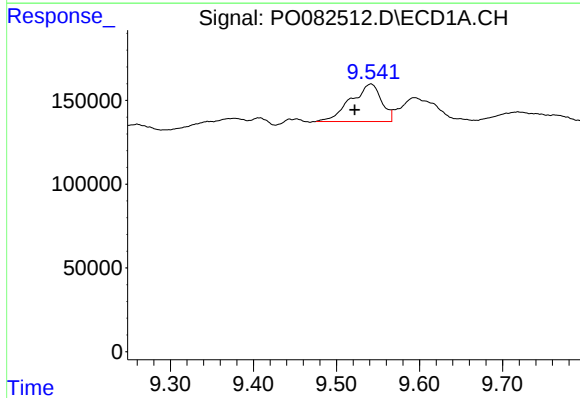
R.T.: 9.201 min
Delta R.T.: -0.004 min
Response: 603580
Conc: 94.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



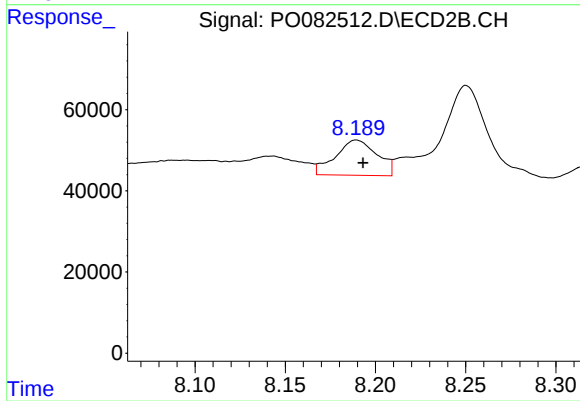
#37 AR-1262-2

R.T.: 7.901 min
Delta R.T.: -0.004 min
Response: 312269
Conc: 76.52 ng/ml



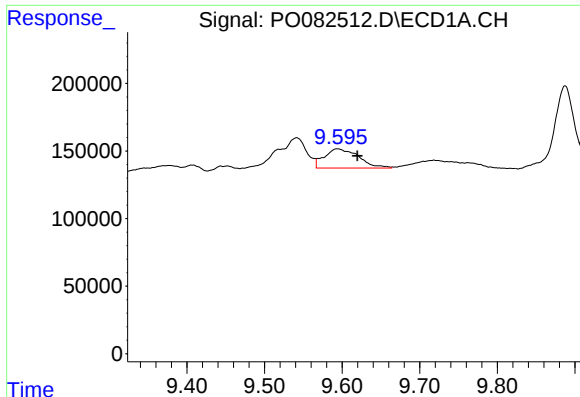
#38 AR-1262-3

R.T.: 9.541 min
Delta R.T.: 0.020 min
Response: 571928
Conc: 199.45 ng/ml



#38 AR-1262-3

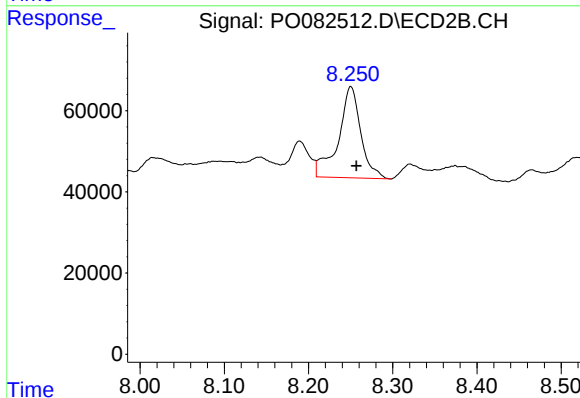
R.T.: 8.189 min
Delta R.T.: -0.004 min
Response: 139783
Conc: 85.72 ng/ml



#39 AR-1262-4

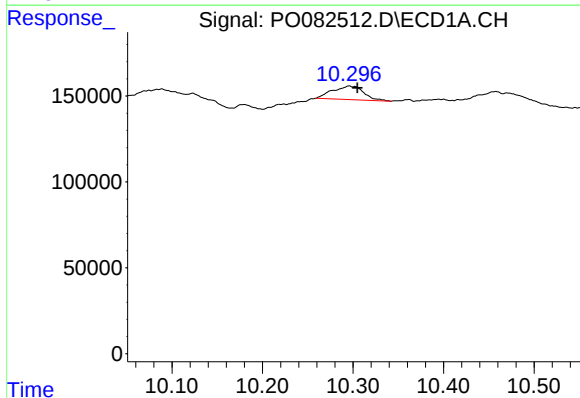
R.T.: 9.594 min
Delta R.T.: -0.025 min
Response: 435915
Conc: 258.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



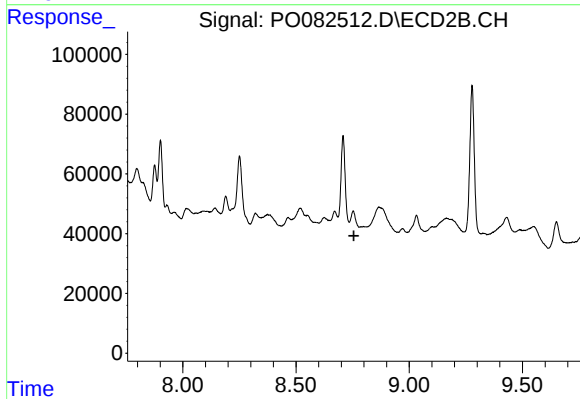
#39 AR-1262-4

R.T.: 8.250 min
Delta R.T.: -0.007 min
Response: 416101
Conc: 142.89 ng/ml



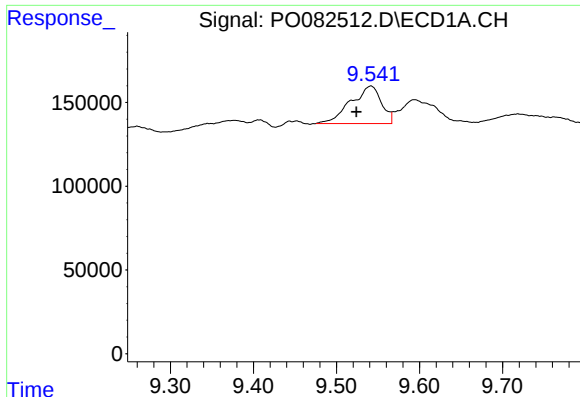
#40 AR-1262-5

R.T.: 10.296 min
Delta R.T.: -0.009 min
Response: 190408
Conc: 78.40 ng/ml



#40 AR-1262-5

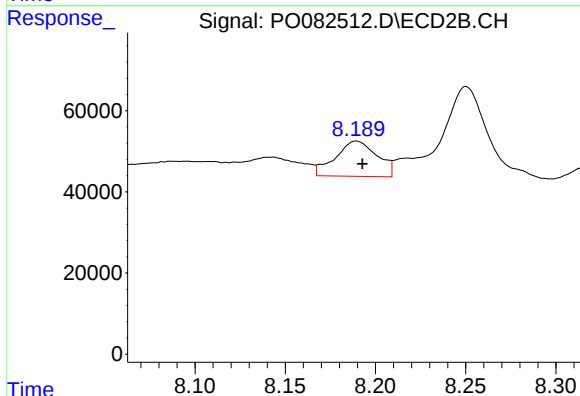
R.T.: 8.753 min
Delta R.T.: -0.003 min
Response: -25293
Conc: N.D.



#41 AR-1268-1

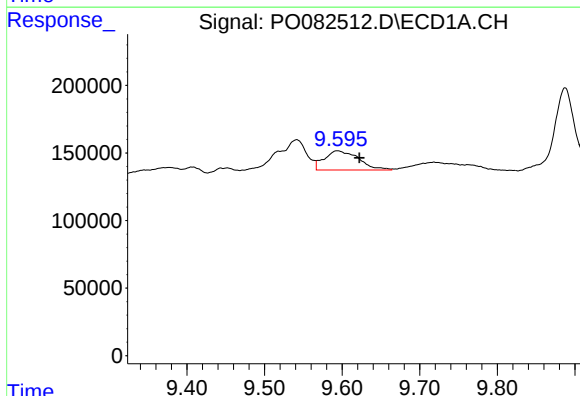
R.T.: 9.541 min
Delta R.T.: 0.018 min
Response: 571928
Conc: 70.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



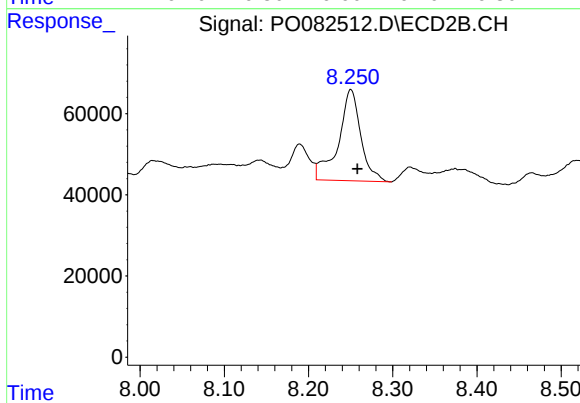
#41 AR-1268-1

R.T.: 8.189 min
Delta R.T.: -0.003 min
Response: 139783
Conc: 26.73 ng/ml



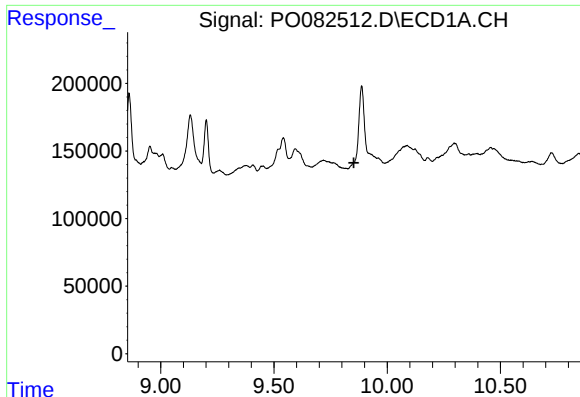
#42 AR-1268-2

R.T.: 9.594 min
Delta R.T.: -0.028 min
Response: 435915
Conc: 57.65 ng/ml



#42 AR-1268-2

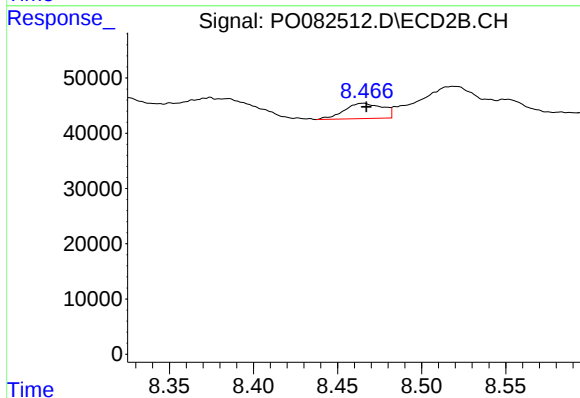
R.T.: 8.250 min
Delta R.T.: -0.008 min
Response: 416101
Conc: 91.70 ng/ml



#43 AR-1268-3

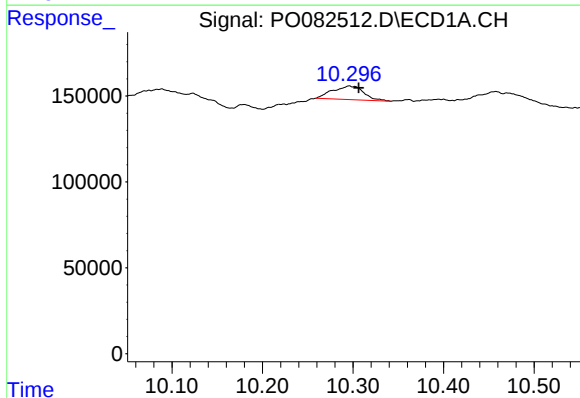
R.T.: 0.000 min
Exp R.T.: 9.853 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



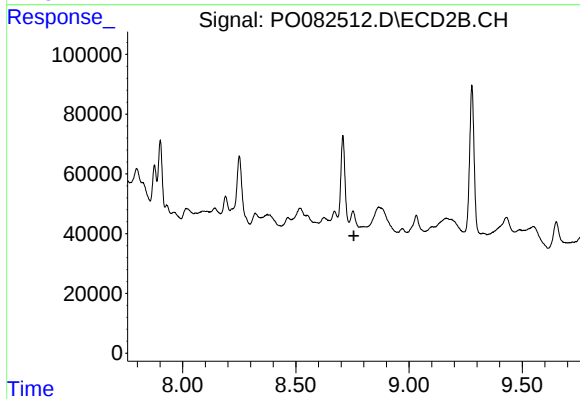
#43 AR-1268-3

R.T.: 8.465 min
Delta R.T.: -0.002 min
Response: 44125
Conc: 11.35 ng/ml



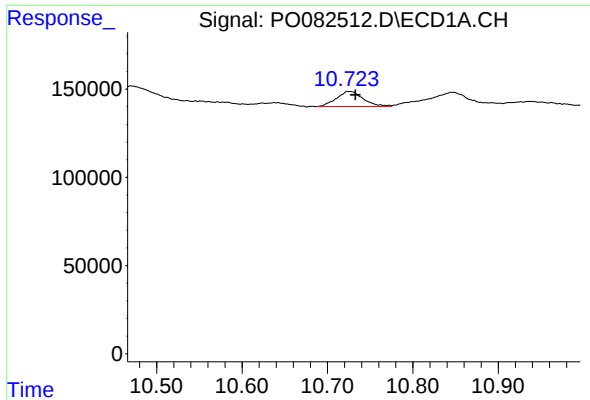
#44 AR-1268-4

R.T.: 10.296 min
Delta R.T.: -0.011 min
Response: 190408
Conc: 67.69 ng/ml



#44 AR-1268-4

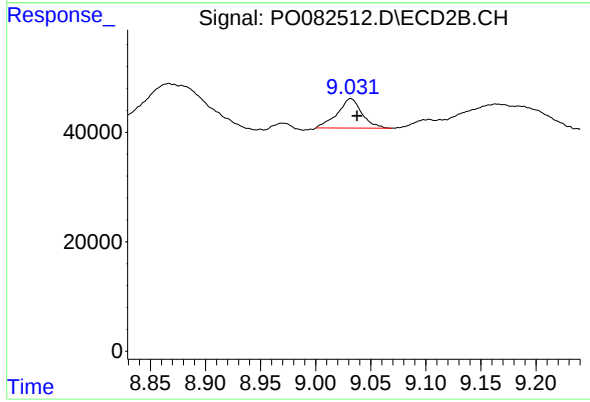
R.T.: 8.753 min
Delta R.T.: -0.004 min
Response: -25293
Conc: N.D.



#45 AR-1268-5

R.T.: 10.725 min
Delta R.T.: -0.008 min
Response: 185739
Conc: 8.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 9.032 min
Delta R.T.: -0.006 min
Response: 83073
Conc: 7.60 ng/ml