

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0092721\
 Data File : P0081582.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 27 Sep 2021 16:07
 Operator : AJ\MA
 Sample : M3941-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 28 03:27:26 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0092321.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Sep 24 02:21:54 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...	4.870	3.986	2115615	542815	23.724	20.374
2)	SA Decachlor...	10.883	9.332	772845	339102	10.375	14.602 #
Target Compounds							
3)	L1 AR-1016-1	6.206	0.000	160514	0	49.577	N.D. #
4)	L1 AR-1016-2	6.206	0.000	160514	0	34.629	N.D. #
5)	L1 AR-1016-3	6.294	0.000	90556	0	31.630	N.D. #
6)	L1 AR-1016-4	6.398	0.000	66589	0	28.948	N.D. #
7)	L1 AR-1016-5	6.700	5.750	524469	32040	230.465	45.381 #
8)	L2 AR-1221-1	5.122	4.262	472712	20200	431.980	70.224 #
9)	L2 AR-1221-2	5.225	4.341	33091	28187	41.970	117.244 #
10)	L2 AR-1221-3	5.293f	0.000	46455	0	18.464	N.D. #
11)	L3 AR-1232-1	5.293f	0.000	46455	0	23.835	N.D. #
12)	L3 AR-1232-2	5.891	0.000	203300	0	191.114	N.D. #
13)	L3 AR-1232-3	6.206	0.000	160514	0	79.626	N.D. #
14)	L3 AR-1232-4	6.398	5.568	66589	8068	65.164	26.848 #
15)	L3 AR-1232-5	6.497	5.750	141230	32040	191.541	100.792 #
16)	L4 AR-1242-1	6.206	0.000	160514	0	62.854	N.D. #
17)	L4 AR-1242-2	6.206	0.000	160514	0	44.700	N.D. #
18)	L4 AR-1242-3	6.294	0.000	90556	0	39.683	N.D. #
19)	L4 AR-1242-4	6.398	5.568	66589	8068	36.667	14.050 #
20)	L4 AR-1242-5	7.187	6.133	55080	19019	27.931	25.451
21)	L5 AR-1248-1	6.206	0.000	160514	0	79.743	N.D. #
22)	L5 AR-1248-2	6.497	0.000	141230	0	53.546	N.D. #
23)	L5 AR-1248-3	6.700	5.568	524469	8068	167.570	9.228 #
24)	L5 AR-1248-4	7.145	5.750	59730	32040	17.342	31.533 #
25)	L5 AR-1248-5	7.187	0.000	55080	0	16.292	N.D. #
26)	L6 AR-1254-1	0.000	6.133	0	19019	N.D.	12.420 #
27)	L6 AR-1254-2	7.343	0.000	705363	0	127.924	N.D. #
28)	L6 AR-1254-3	7.739	6.719	529631	48637	93.864	24.451 #
29)	L6 AR-1254-4	8.019	0.000	244390	0	59.432	N.D. #
30)	L6 AR-1254-5	8.446	7.391	416728	52206	90.409	27.926 #
31)	L7 AR-1260-1	7.887	6.854	538072	84149	127.287	60.278 #
32)	L7 AR-1260-2	8.154	7.063	676003	72668	130.240	44.463 #
33)	L7 AR-1260-3	8.525	7.211	284702	38522	87.865	23.166 #
34)	L7 AR-1260-4	8.751	7.695	706492	13738	177.241	12.361 #
35)	L7 AR-1260-5	9.076	7.945	1088073	33757	146.875	13.669 #
36)	L8 AR-1262-1	8.525	7.391	284702	52206	54.926	52.449
37)	L8 AR-1262-2	9.076	7.945	1088073	33757	121.995	11.019 #
38)	L8 AR-1262-3	9.382	8.235	76788	38941	19.141	29.097 #
39)	L8 AR-1262-4	9.498f	8.298	696437	43357	284.932	18.426 #
40)	L8 AR-1262-5	10.152	0.000	2675638	0	785.228	N.D. #
41)	L9 AR-1268-1	9.382	8.235	76788	38941	7.153	10.154 #

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 ALS Vial : 19 Sample Multiplier: 1

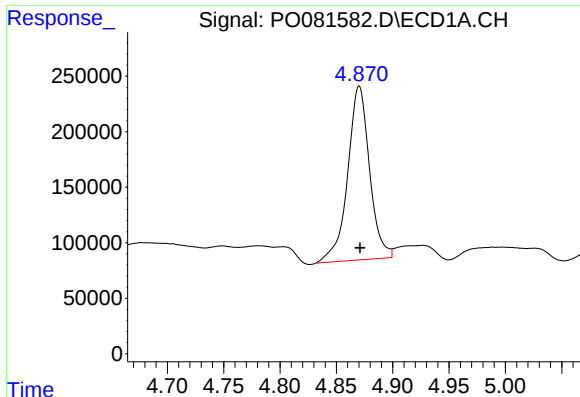
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 28 03:27:26 2021
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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	9.498f	8.298	696437	43357	68.917	12.451 #
43)	L9 AR-1268-3	0.000	8.525f	0	17749	N.D.	5.653 #
44)	L9 AR-1268-4	10.152	0.000	2675638	0	696.834	N.D. #

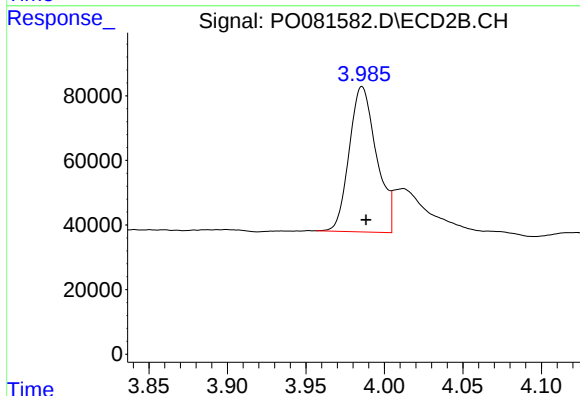
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

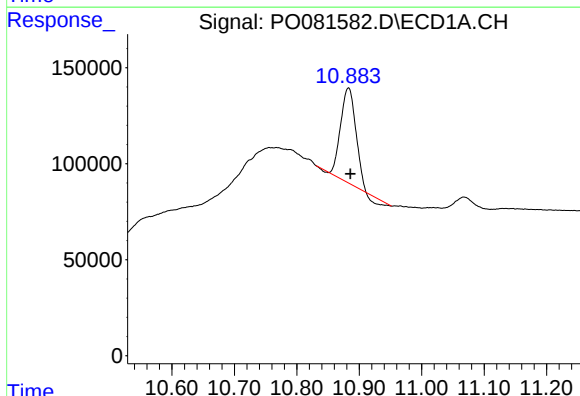
R.T.: 4.870 min
Delta R.T.: 0.000 min
Response: 2115615
Conc: 23.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



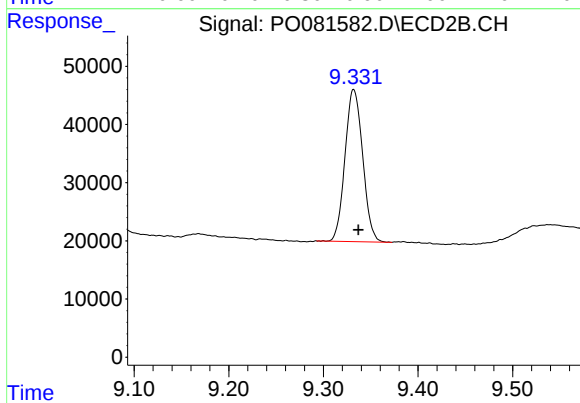
#1 Tetrachloro-m-xylene

R.T.: 3.986 min
Delta R.T.: -0.003 min
Response: 542815
Conc: 20.37 ng/ml



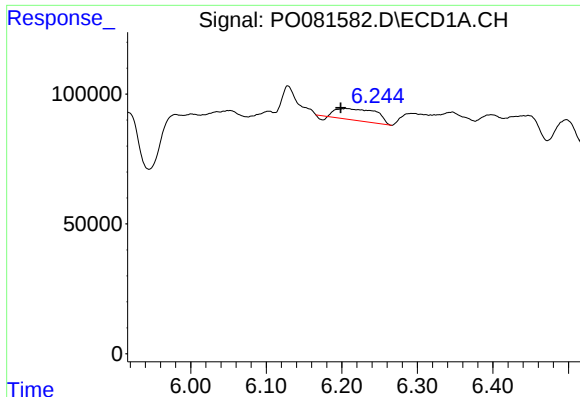
#2 Decachlorobiphenyl

R.T.: 10.883 min
Delta R.T.: -0.004 min
Response: 772845
Conc: 10.38 ng/ml



#2 Decachlorobiphenyl

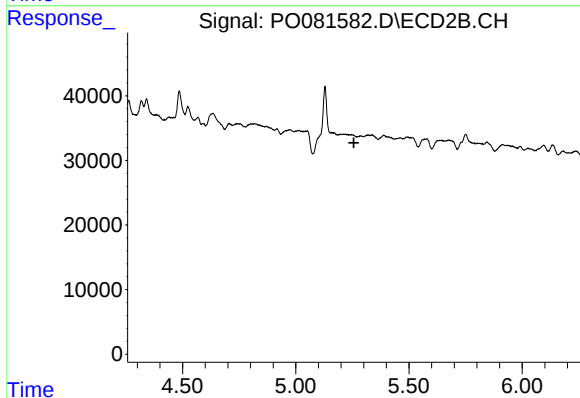
R.T.: 9.332 min
Delta R.T.: -0.005 min
Response: 339102
Conc: 14.60 ng/ml



#3 AR-1016-1

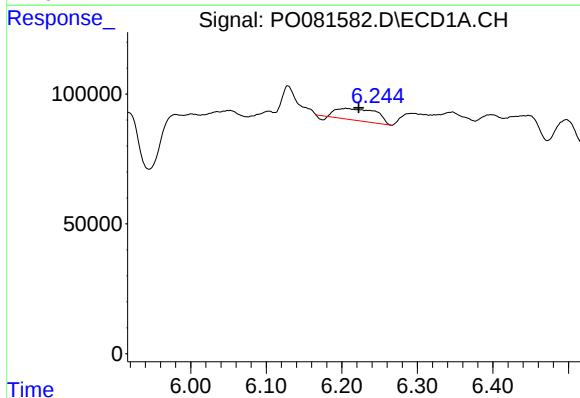
R.T.: 6.206 min
Delta R.T.: 0.007 min
Response: 160514
Conc: 49.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



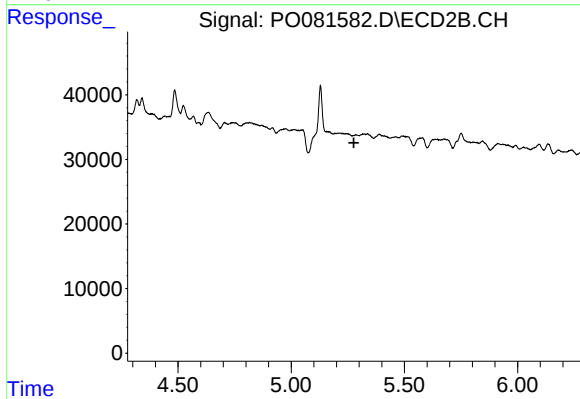
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 5.257 min
Response: 0
Conc: N.D.



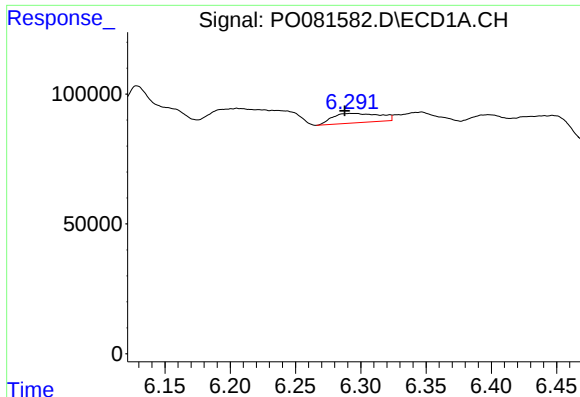
#4 AR-1016-2

R.T.: 6.206 min
Delta R.T.: -0.017 min
Response: 160514
Conc: 34.63 ng/ml



#4 AR-1016-2

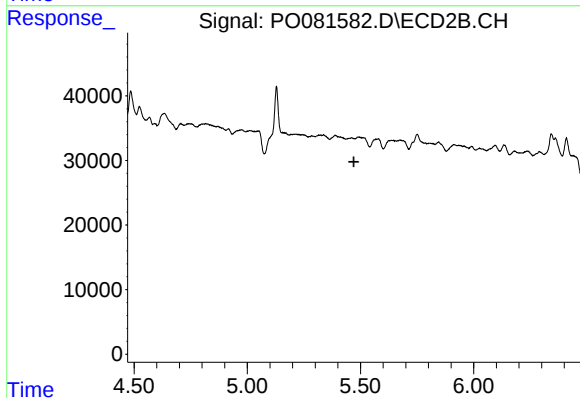
R.T.: 0.000 min
Exp R.T. : 5.277 min
Response: 0
Conc: N.D.



#5 AR-1016-3

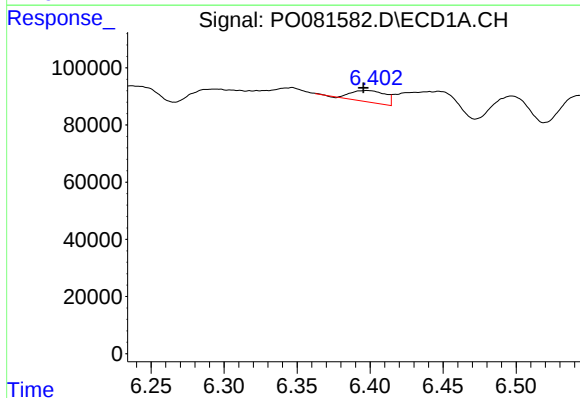
R.T.: 6.294 min
Delta R.T.: 0.007 min
Response: 90556
Conc: 31.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



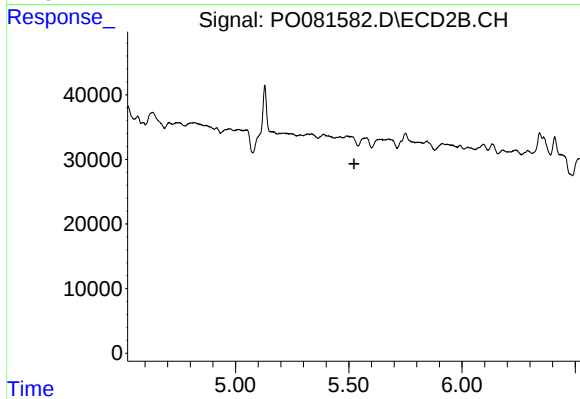
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 5.471 min
Response: 0
Conc: N.D.



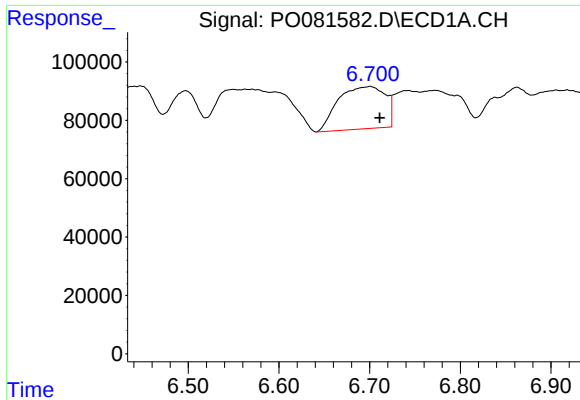
#6 AR-1016-4

R.T.: 6.398 min
Delta R.T.: 0.002 min
Response: 66589
Conc: 28.95 ng/ml



#6 AR-1016-4

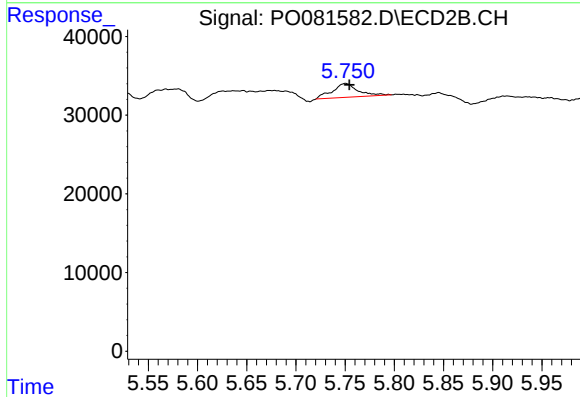
R.T.: 0.000 min
Exp R.T. : 5.523 min
Response: 0
Conc: N.D.



#7 AR-1016-5

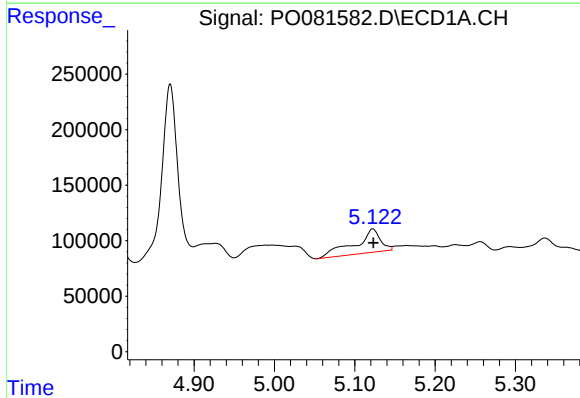
R.T.: 6.700 min
Delta R.T.: -0.011 min
Response: 524469
Conc: 230.47 ng/ml

Instrument :
ECD_O
ClientSampleId :



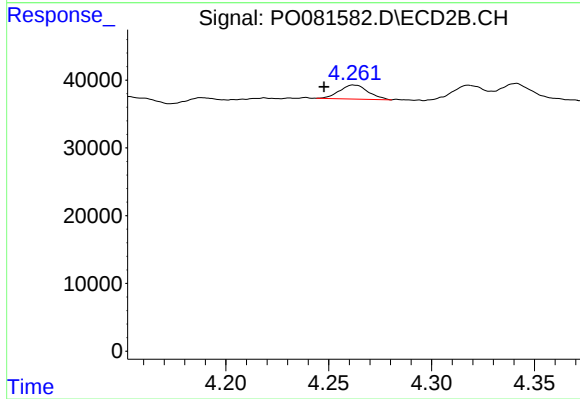
#7 AR-1016-5

R.T.: 5.750 min
Delta R.T.: -0.004 min
Response: 32040
Conc: 45.38 ng/ml



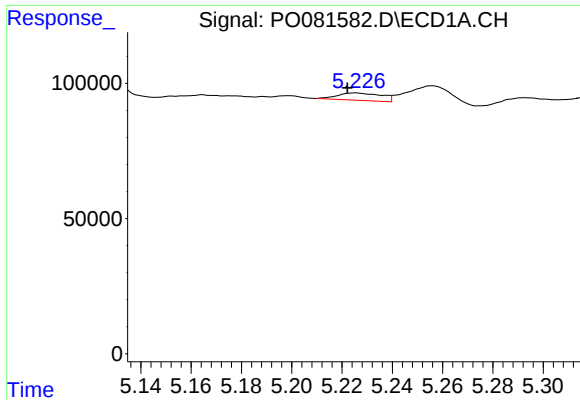
#8 AR-1221-1

R.T.: 5.122 min
Delta R.T.: 0.000 min
Response: 472712
Conc: 431.98 ng/ml



#8 AR-1221-1

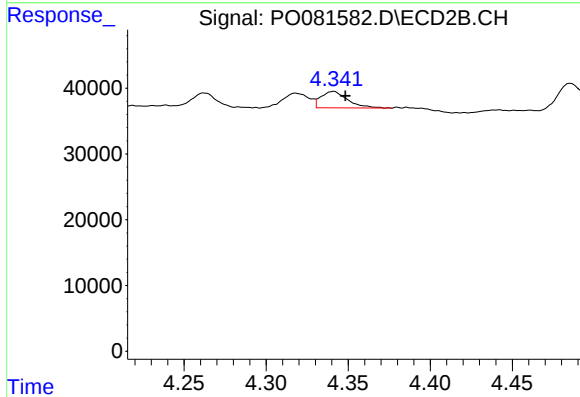
R.T.: 4.262 min
Delta R.T.: 0.014 min
Response: 20200
Conc: 70.22 ng/ml



#9 AR-1221-2

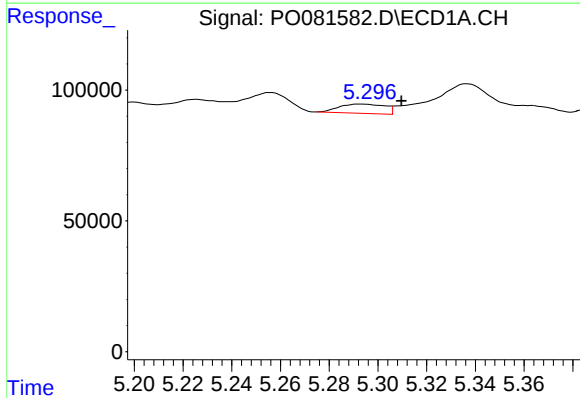
R.T.: 5.225 min
Delta R.T.: 0.003 min
Response: 33091
Conc: 41.97 ng/ml

Instrument :
ECD_O
ClientSampleId :



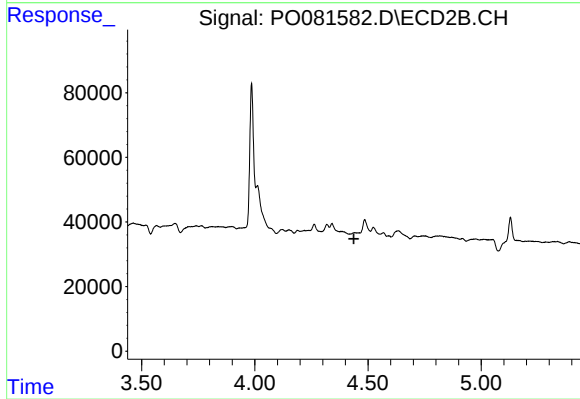
#9 AR-1221-2

R.T.: 4.341 min
Delta R.T.: -0.007 min
Response: 28187
Conc: 117.24 ng/ml



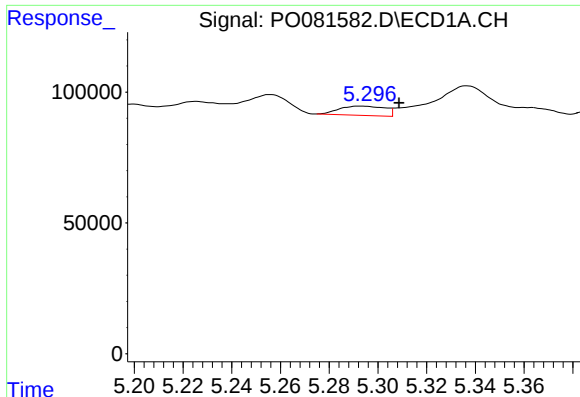
#10 AR-1221-3

R.T.: 5.293 min
Delta R.T.: -0.017 min
Response: 46455
Conc: 18.46 ng/ml



#10 AR-1221-3

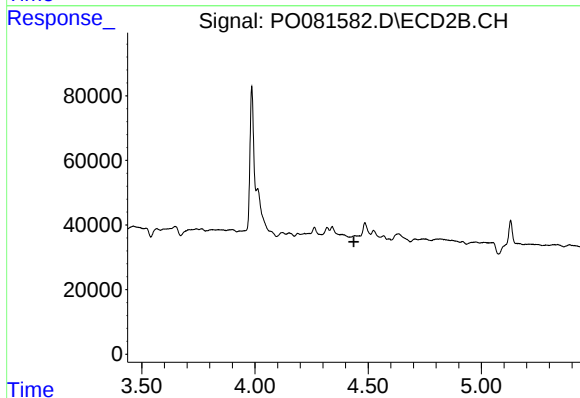
R.T.: 0.000 min
Exp R.T.: 4.437 min
Response: 0
Conc: N.D.



#11 AR-1232-1

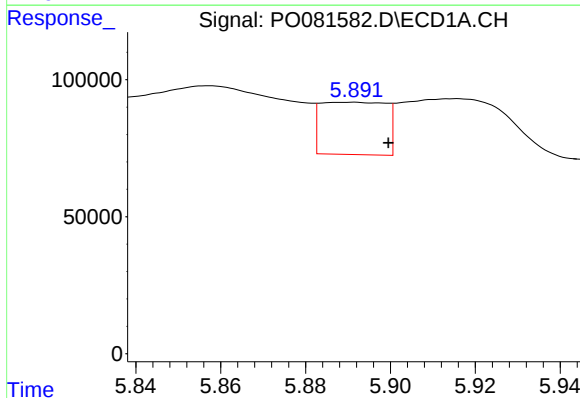
R.T.: 5.293 min
Delta R.T.: -0.016 min
Response: 46455
Conc: 23.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



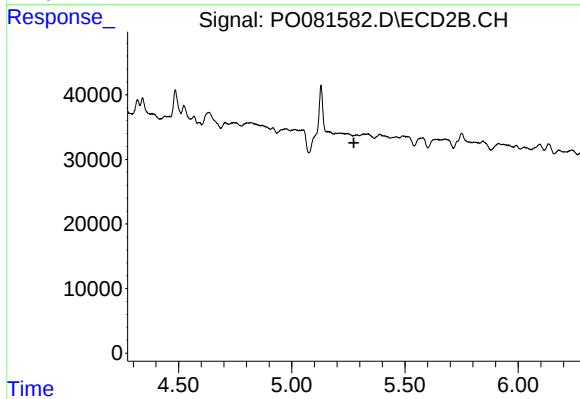
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.437 min
Response: 0
Conc: N.D.



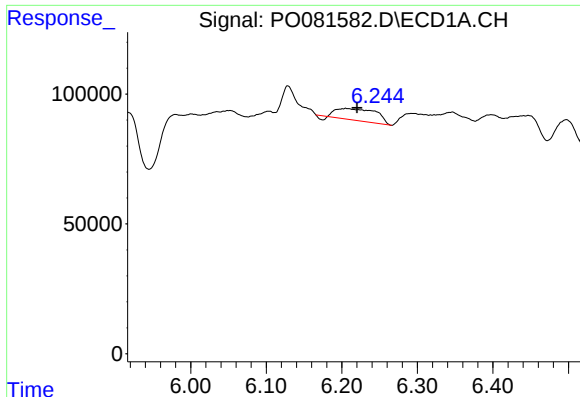
#12 AR-1232-2

R.T.: 5.891 min
Delta R.T.: -0.009 min
Response: 203300
Conc: 191.11 ng/ml



#12 AR-1232-2

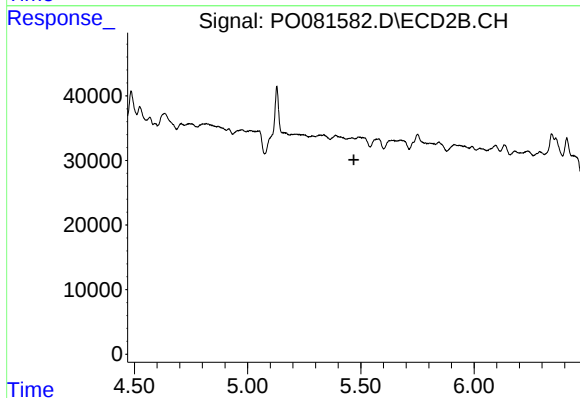
R.T.: 0.000 min
Exp R.T. : 5.274 min
Response: 0
Conc: N.D.



#13 AR-1232-3

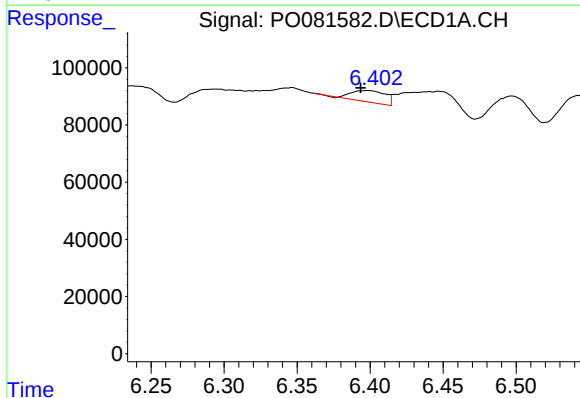
R.T.: 6.206 min
Delta R.T.: -0.015 min
Response: 160514
Conc: 79.63 ng/ml

Instrument :
ECD_O
ClientSampleId :



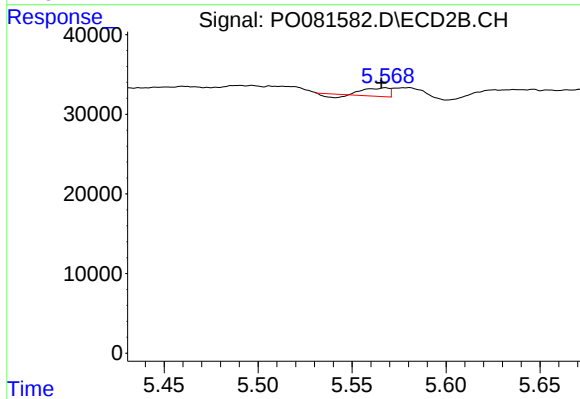
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 5.469 min
Response: 0
Conc: N.D.



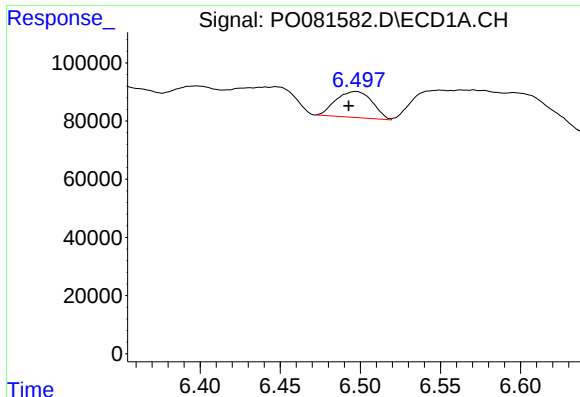
#14 AR-1232-4

R.T.: 6.398 min
Delta R.T.: 0.004 min
Response: 66589
Conc: 65.16 ng/ml



#14 AR-1232-4

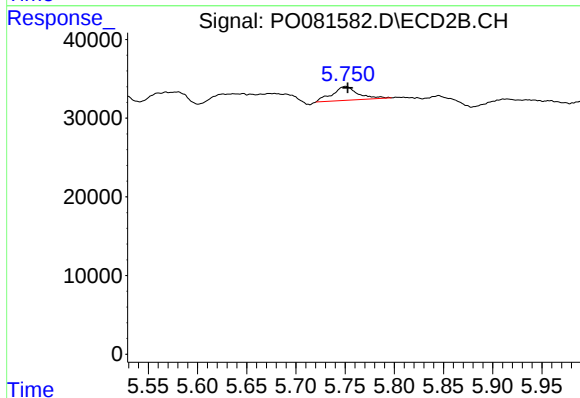
R.T.: 5.568 min
Delta R.T.: 0.002 min
Response: 8068
Conc: 26.85 ng/ml



#15 AR-1232-5

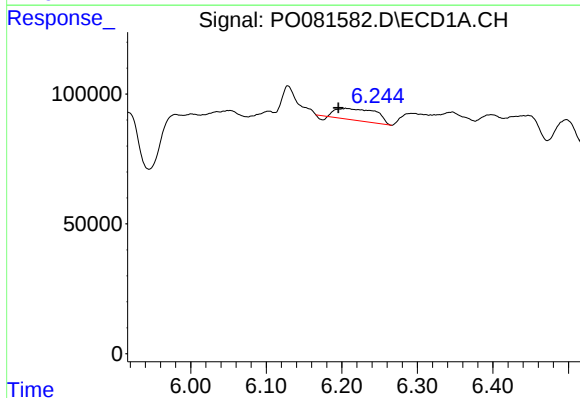
R.T.: 6.497 min
Delta R.T.: 0.004 min
Response: 141230
Conc: 191.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



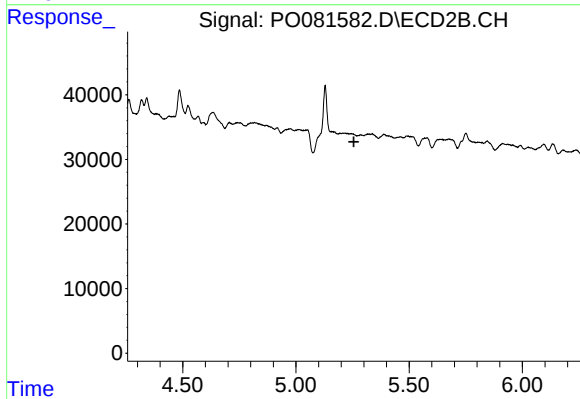
#15 AR-1232-5

R.T.: 5.750 min
Delta R.T.: -0.002 min
Response: 32040
Conc: 100.79 ng/ml



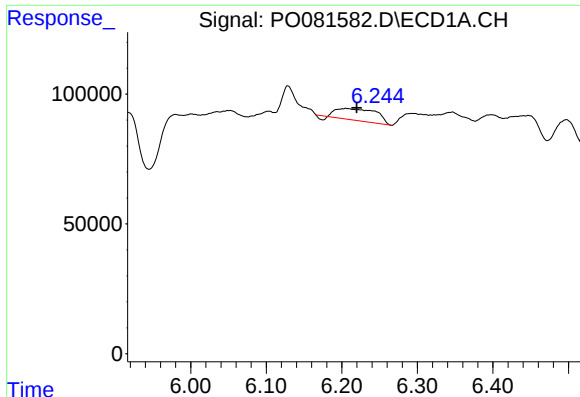
#16 AR-1242-1

R.T.: 6.206 min
Delta R.T.: 0.010 min
Response: 160514
Conc: 62.85 ng/ml



#16 AR-1242-1

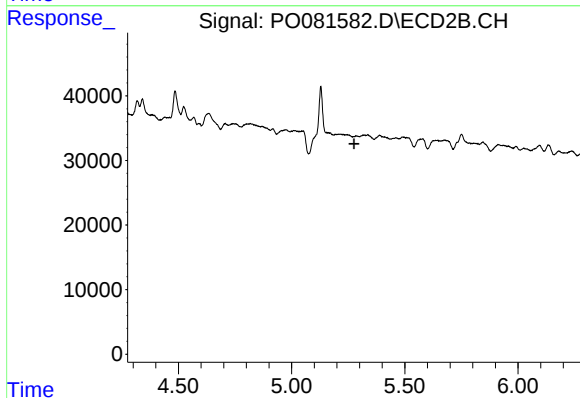
R.T.: 0.000 min
Exp R.T.: 5.256 min
Response: 0
Conc: N.D.



#17 AR-1242-2

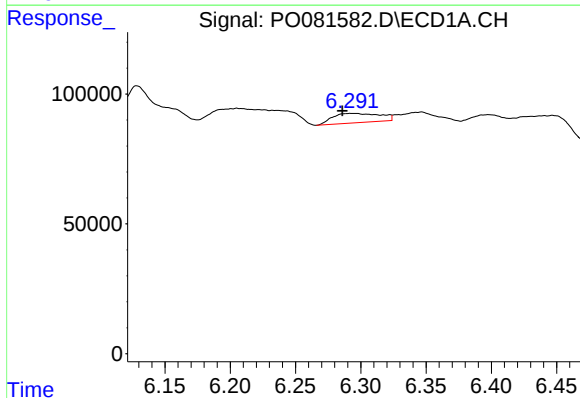
R.T.: 6.206 min
Delta R.T.: -0.014 min
Response: 160514
Conc: 44.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



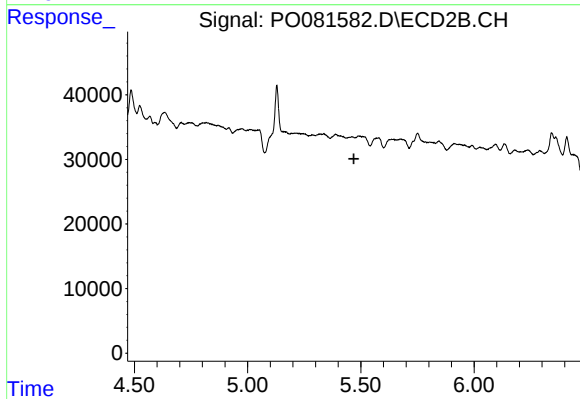
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 5.276 min
Response: 0
Conc: N.D.



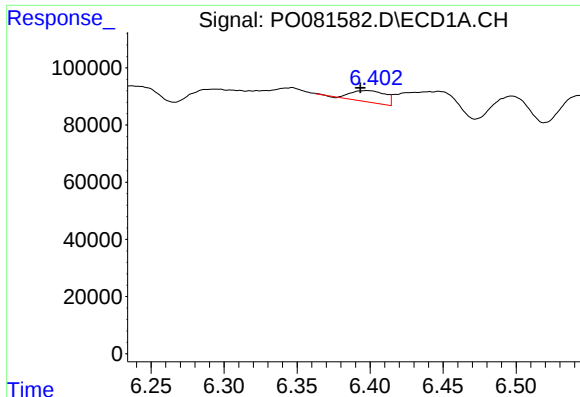
#18 AR-1242-3

R.T.: 6.294 min
Delta R.T.: 0.008 min
Response: 90556
Conc: 39.68 ng/ml



#18 AR-1242-3

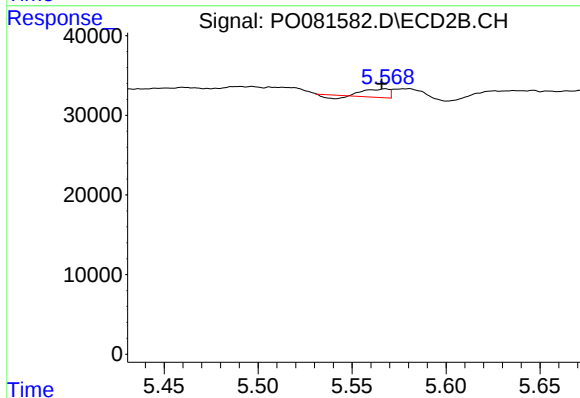
R.T.: 0.000 min
Exp R.T. : 5.469 min
Response: 0
Conc: N.D.



#19 AR-1242-4

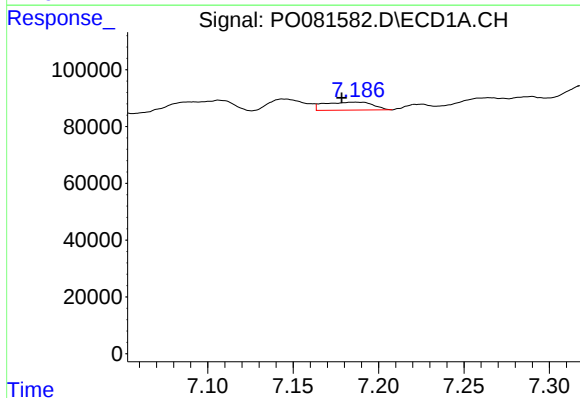
R.T.: 6.398 min
Delta R.T.: 0.004 min
Response: 66589
Conc: 36.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



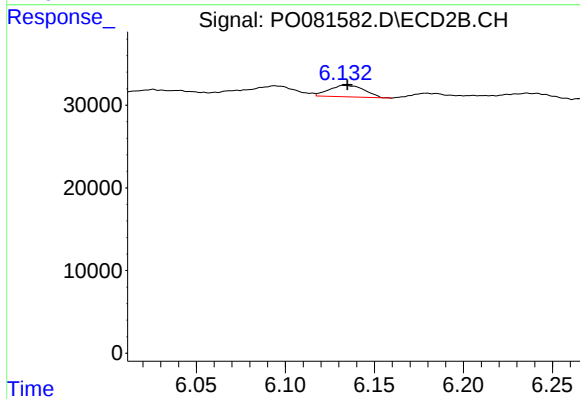
#19 AR-1242-4

R.T.: 5.568 min
Delta R.T.: 0.002 min
Response: 8068
Conc: 14.05 ng/ml



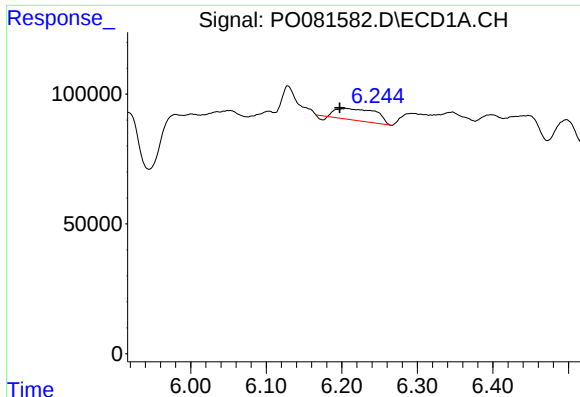
#20 AR-1242-5

R.T.: 7.187 min
Delta R.T.: 0.008 min
Response: 55080
Conc: 27.93 ng/ml



#20 AR-1242-5

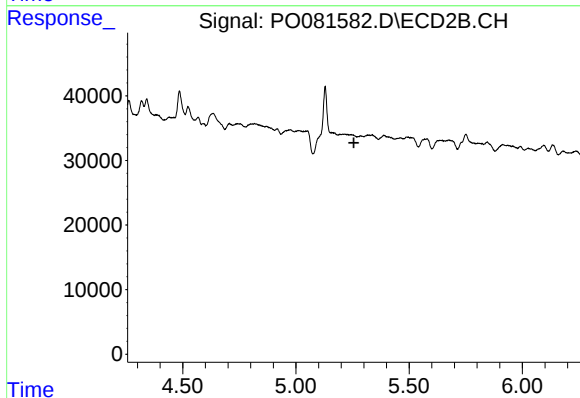
R.T.: 6.133 min
Delta R.T.: -0.002 min
Response: 19019
Conc: 25.45 ng/ml



#21 AR-1248-1

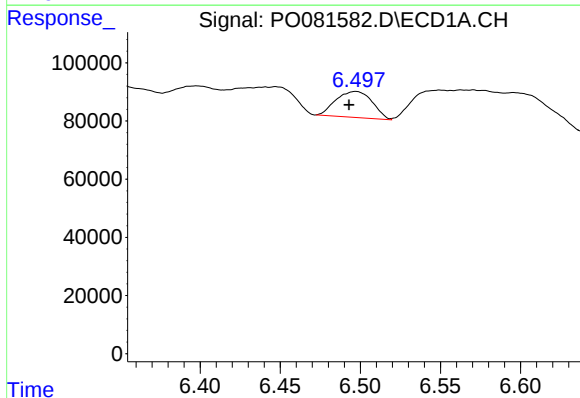
R.T.: 6.206 min
Delta R.T.: 0.008 min
Response: 160514
Conc: 79.74 ng/ml

Instrument :
ECD_O
ClientSampleId :



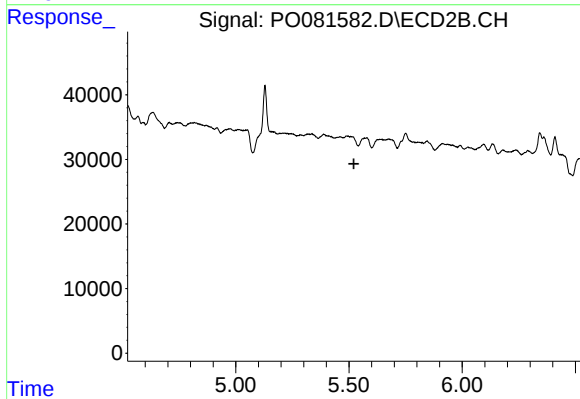
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 5.256 min
Response: 0
Conc: N.D.



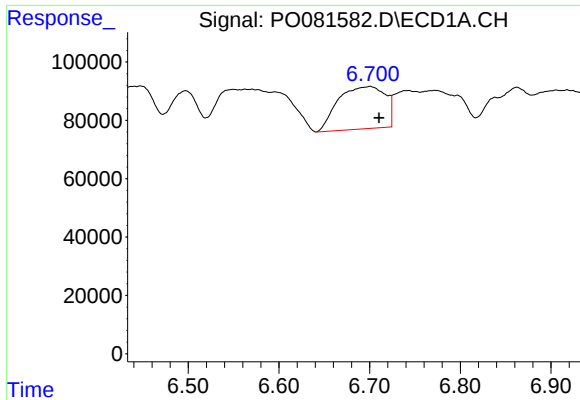
#22 AR-1248-2

R.T.: 6.497 min
Delta R.T.: 0.004 min
Response: 141230
Conc: 53.55 ng/ml



#22 AR-1248-2

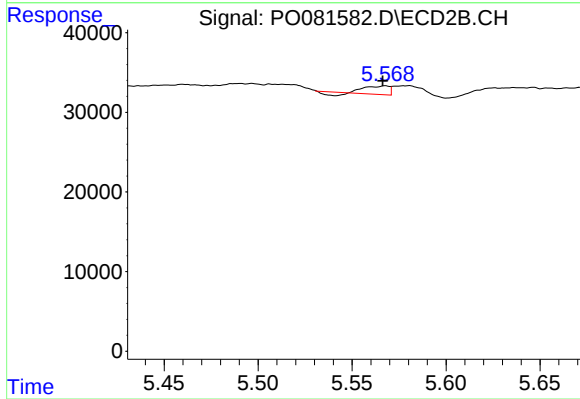
R.T.: 0.000 min
Exp R.T. : 5.522 min
Response: 0
Conc: N.D.



#23 AR-1248-3

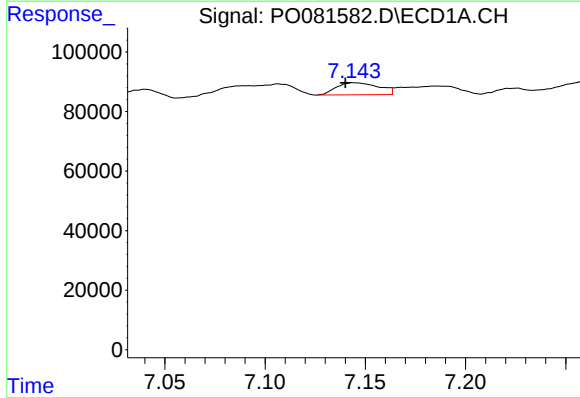
R.T.: 6.700 min
Delta R.T.: -0.010 min
Response: 524469
Conc: 167.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



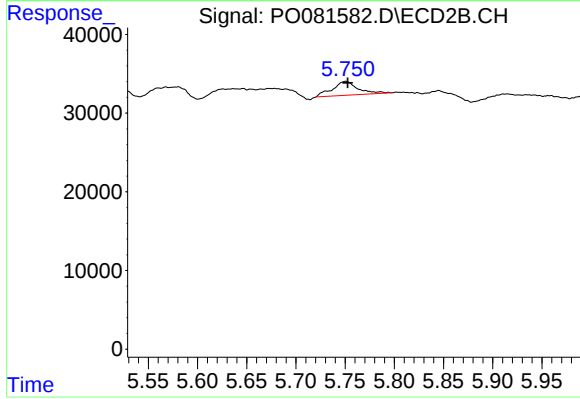
#23 AR-1248-3

R.T.: 5.568 min
Delta R.T.: 0.002 min
Response: 8068
Conc: 9.23 ng/ml



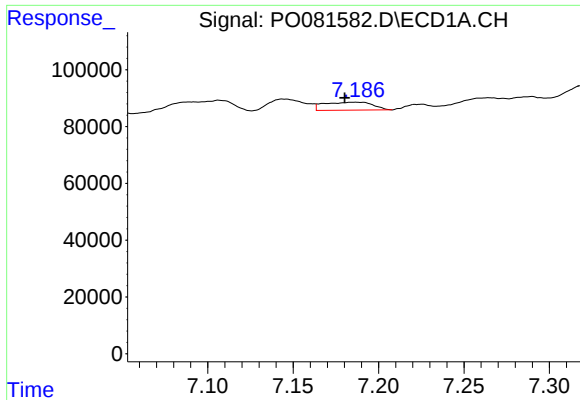
#24 AR-1248-4

R.T.: 7.145 min
Delta R.T.: 0.005 min
Response: 59730
Conc: 17.34 ng/ml



#24 AR-1248-4

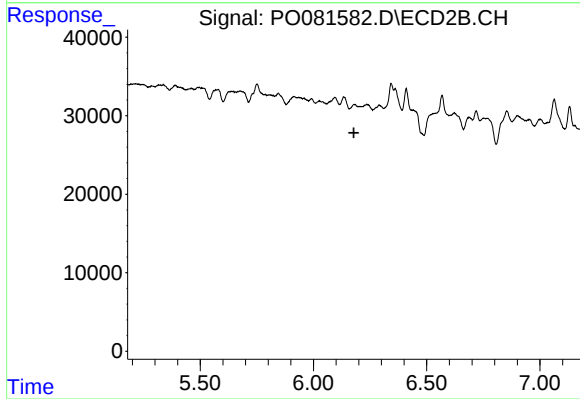
R.T.: 5.750 min
Delta R.T.: -0.002 min
Response: 32040
Conc: 31.53 ng/ml



#25 AR-1248-5

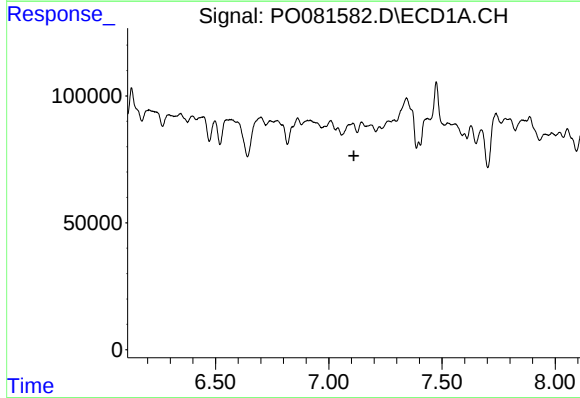
R.T.: 7.187 min
Delta R.T.: 0.007 min
Response: 55080
Conc: 16.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



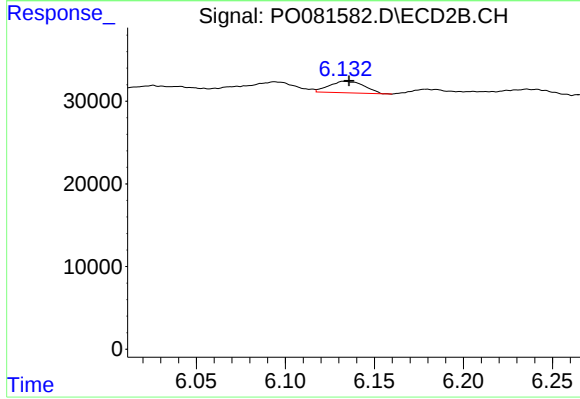
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 6.179 min
Response: 0
Conc: N.D.



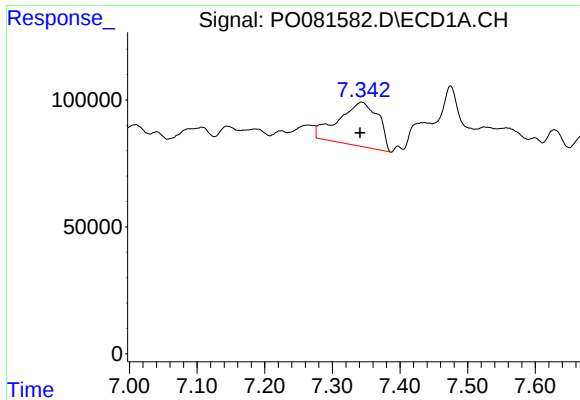
#26 AR-1254-1

R.T.: 0.000 min
Exp R.T. : 7.111 min
Response: 0
Conc: N.D.



#26 AR-1254-1

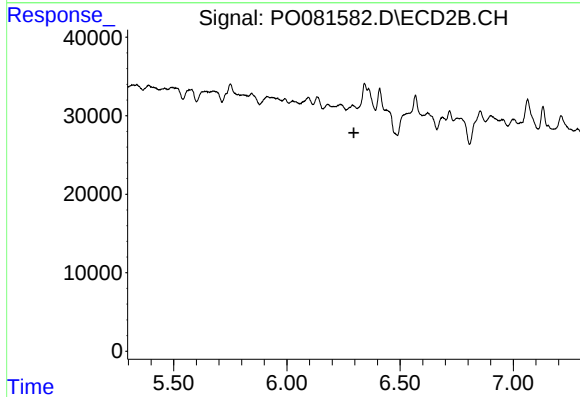
R.T.: 6.133 min
Delta R.T.: -0.002 min
Response: 19019
Conc: 12.42 ng/ml



#27 AR-1254-2

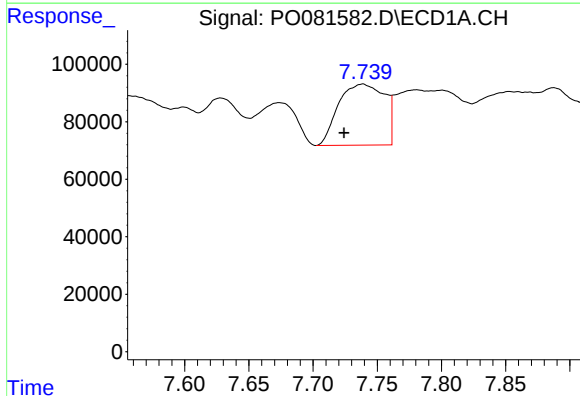
R.T.: 7.343 min
Delta R.T.: 0.002 min
Response: 705363
Conc: 127.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



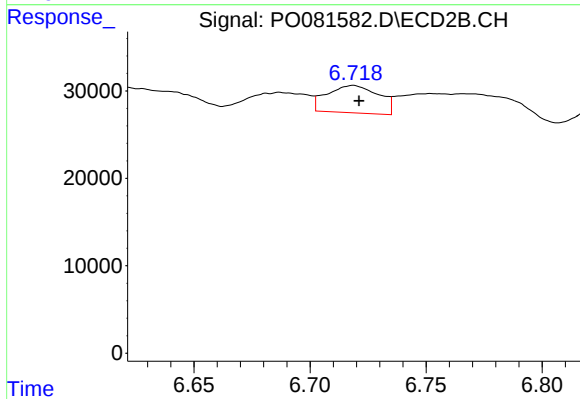
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 6.296 min
Response: 0
Conc: N.D.



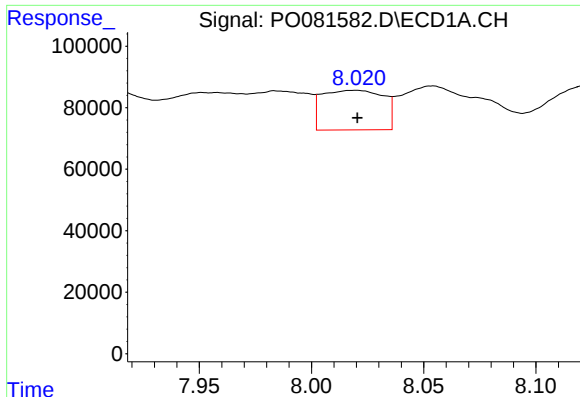
#28 AR-1254-3

R.T.: 7.739 min
Delta R.T.: 0.014 min
Response: 529631
Conc: 93.86 ng/ml



#28 AR-1254-3

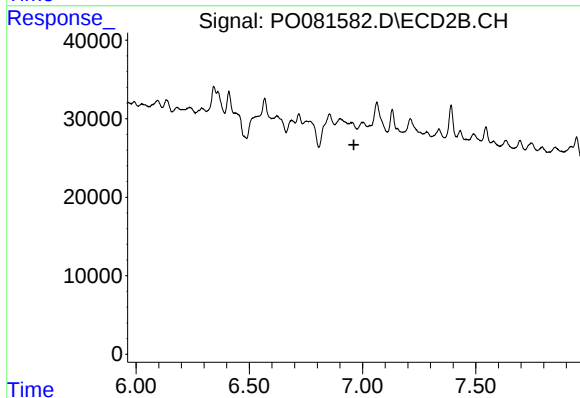
R.T.: 6.719 min
Delta R.T.: -0.002 min
Response: 48637
Conc: 24.45 ng/ml



#29 AR-1254-4

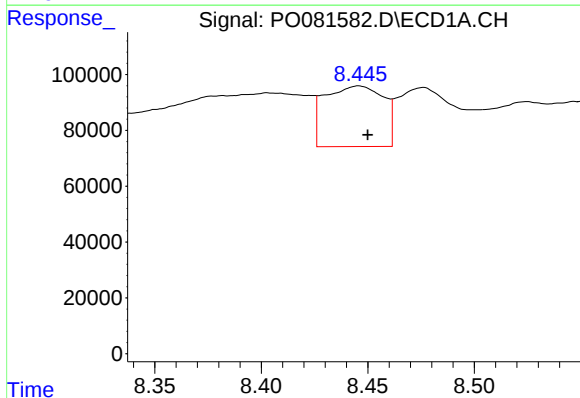
R.T.: 8.019 min
Delta R.T.: -0.001 min
Response: 244390
Conc: 59.43 ng/ml

Instrument :
ECD_O
ClientSampleId :



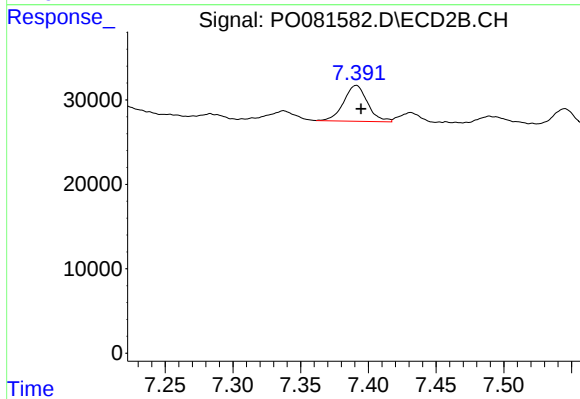
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.962 min
Response: 0
Conc: N.D.



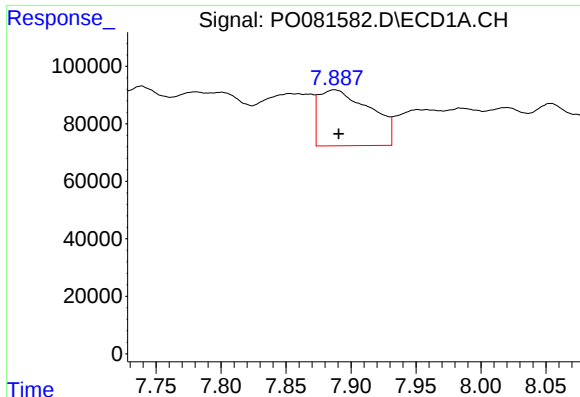
#30 AR-1254-5

R.T.: 8.446 min
Delta R.T.: -0.004 min
Response: 416728
Conc: 90.41 ng/ml



#30 AR-1254-5

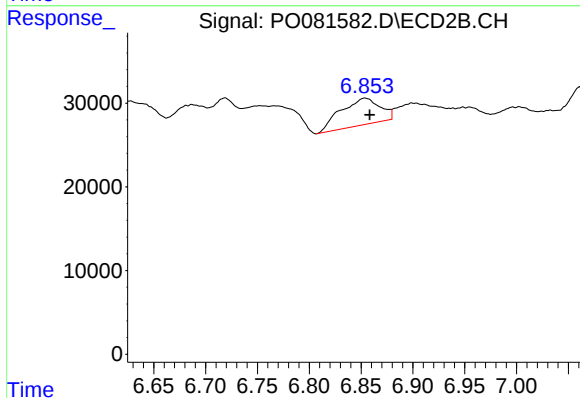
R.T.: 7.391 min
Delta R.T.: -0.004 min
Response: 52206
Conc: 27.93 ng/ml



#31 AR-1260-1

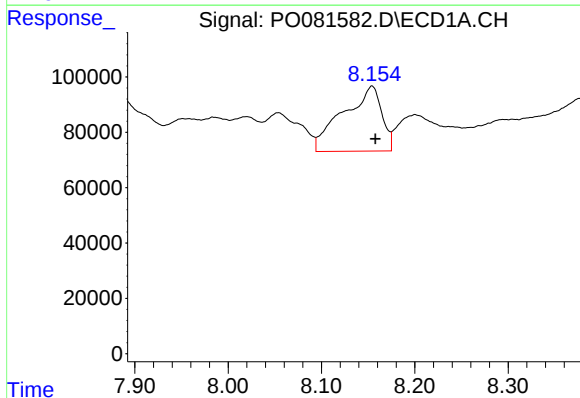
R.T.: 7.887 min
Delta R.T.: -0.003 min
Response: 538072
Conc: 127.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



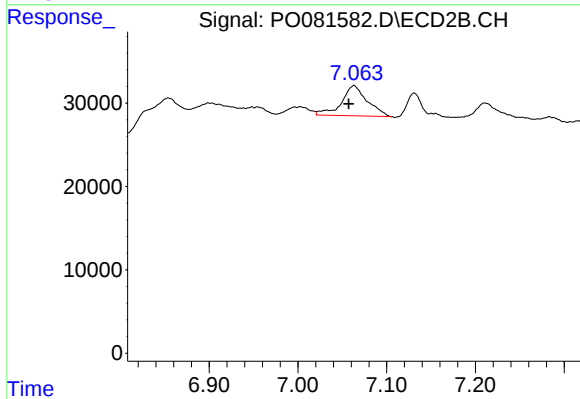
#31 AR-1260-1

R.T.: 6.854 min
Delta R.T.: -0.005 min
Response: 84149
Conc: 60.28 ng/ml



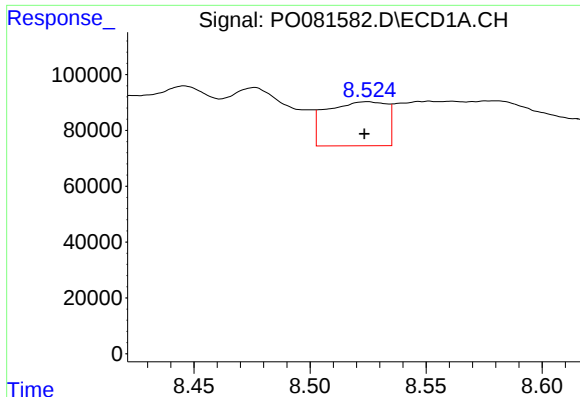
#32 AR-1260-2

R.T.: 8.154 min
Delta R.T.: -0.004 min
Response: 676003
Conc: 130.24 ng/ml



#32 AR-1260-2

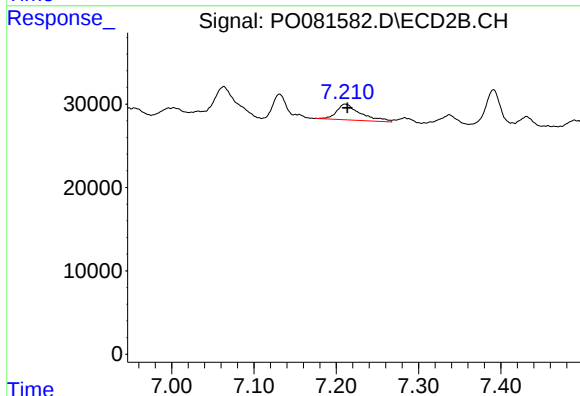
R.T.: 7.063 min
Delta R.T.: 0.006 min
Response: 72668
Conc: 44.46 ng/ml



#33 AR-1260-3

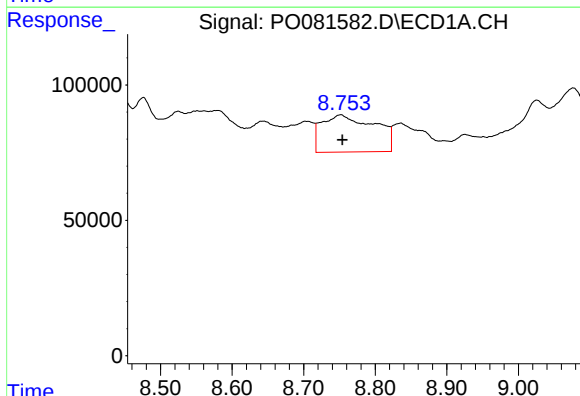
R.T.: 8.525 min
Delta R.T.: 0.001 min
Response: 284702
Conc: 87.86 ng/ml

Instrument :
ECD_O
ClientSampleId :



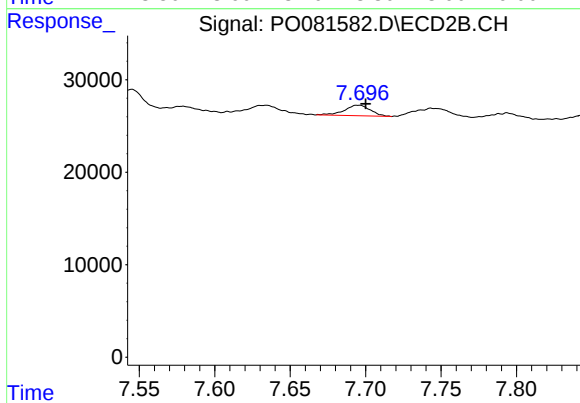
#33 AR-1260-3

R.T.: 7.211 min
Delta R.T.: -0.003 min
Response: 38522
Conc: 23.17 ng/ml



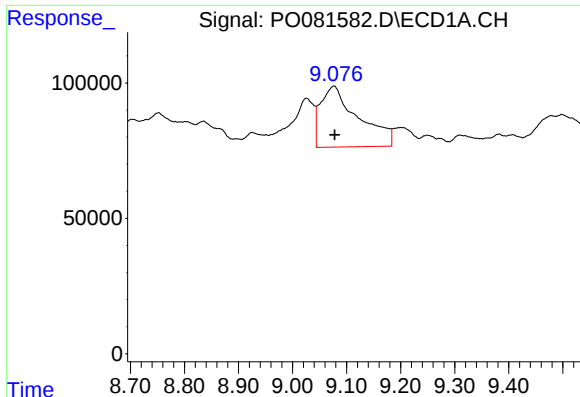
#34 AR-1260-4

R.T.: 8.751 min
Delta R.T.: -0.003 min
Response: 706492
Conc: 177.24 ng/ml



#34 AR-1260-4

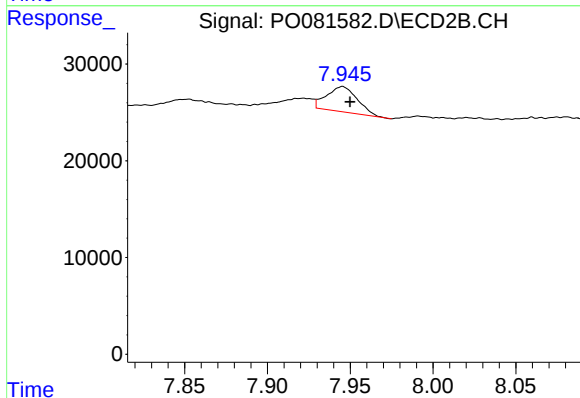
R.T.: 7.695 min
Delta R.T.: -0.005 min
Response: 13738
Conc: 12.36 ng/ml



#35 AR-1260-5

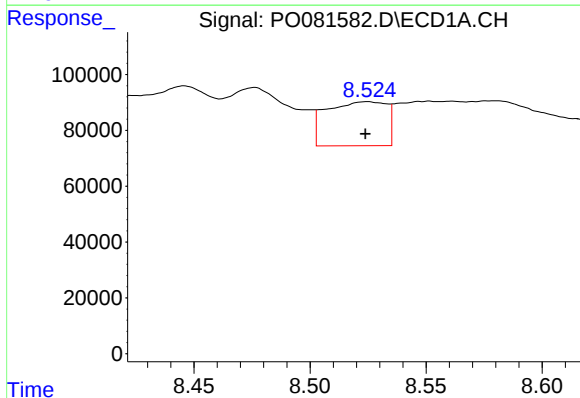
R.T.: 9.076 min
Delta R.T.: -0.002 min
Response: 1088073
Conc: 146.88 ng/ml

Instrument :
ECD_O
ClientSampleId :



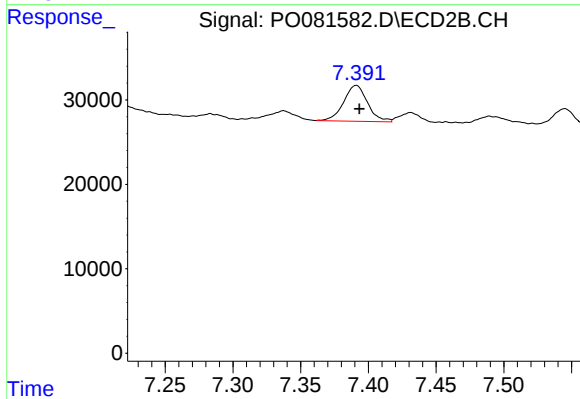
#35 AR-1260-5

R.T.: 7.945 min
Delta R.T.: -0.005 min
Response: 33757
Conc: 13.67 ng/ml



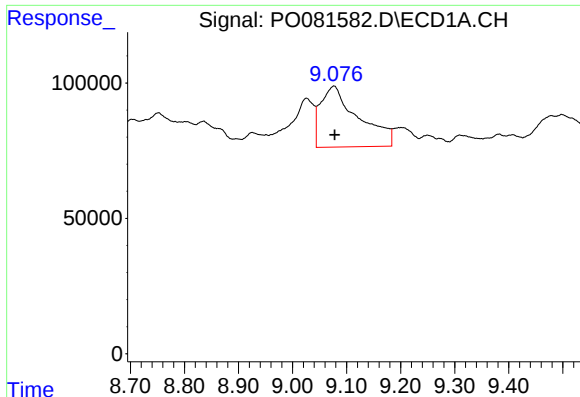
#36 AR-1262-1

R.T.: 8.525 min
Delta R.T.: 0.000 min
Response: 284702
Conc: 54.93 ng/ml



#36 AR-1262-1

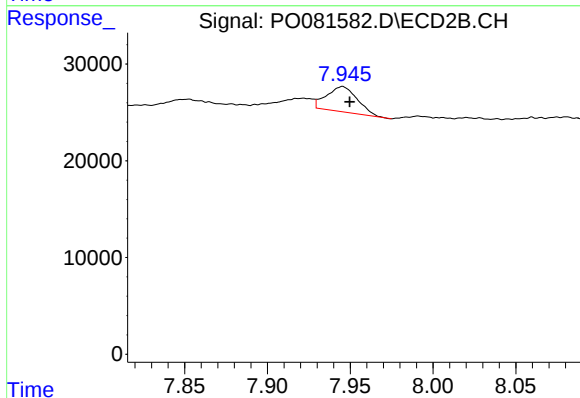
R.T.: 7.391 min
Delta R.T.: -0.002 min
Response: 52206
Conc: 52.45 ng/ml



#37 AR-1262-2

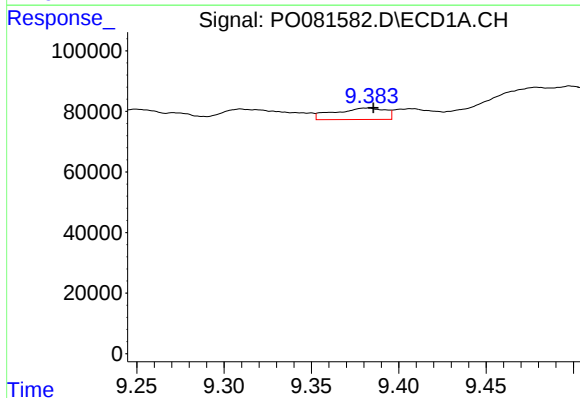
R.T.: 9.076 min
Delta R.T.: -0.002 min
Response: 1088073
Conc: 121.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



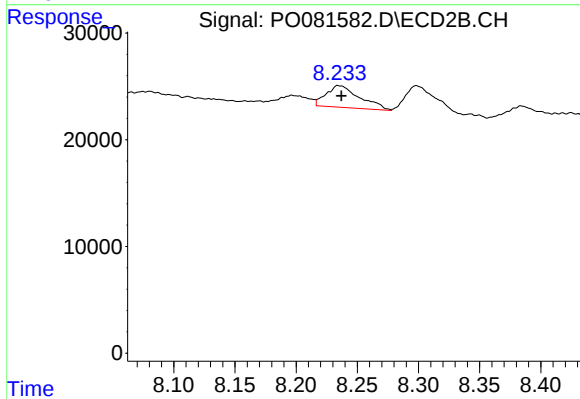
#37 AR-1262-2

R.T.: 7.945 min
Delta R.T.: -0.004 min
Response: 33757
Conc: 11.02 ng/ml



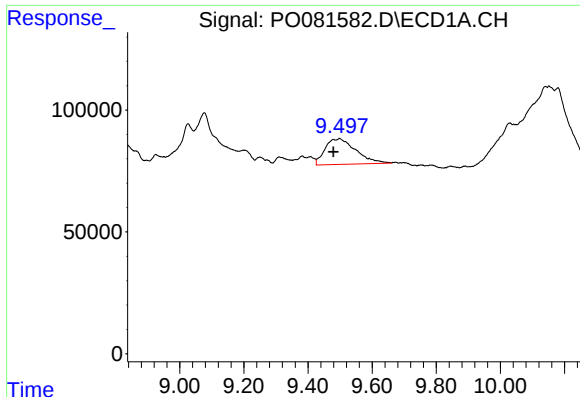
#38 AR-1262-3

R.T.: 9.382 min
Delta R.T.: -0.004 min
Response: 76788
Conc: 19.14 ng/ml



#38 AR-1262-3

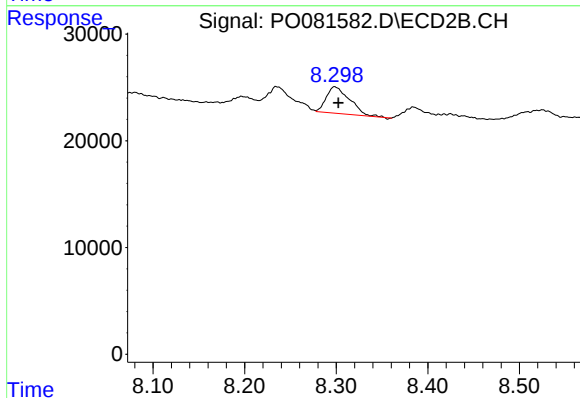
R.T.: 8.235 min
Delta R.T.: -0.002 min
Response: 38941
Conc: 29.10 ng/ml



#39 AR-1262-4

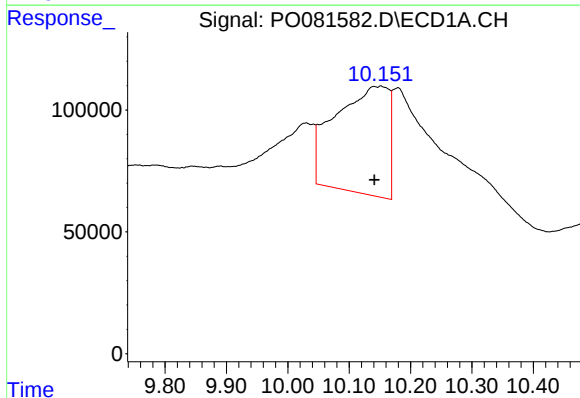
R.T.: 9.498 min
Delta R.T.: 0.019 min
Response: 696437
Conc: 284.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



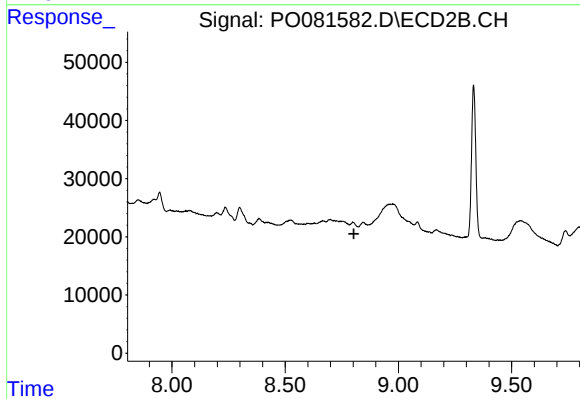
#39 AR-1262-4

R.T.: 8.298 min
Delta R.T.: -0.004 min
Response: 43357
Conc: 18.43 ng/ml



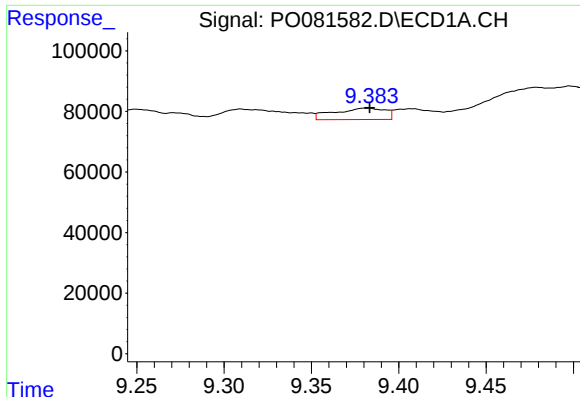
#40 AR-1262-5

R.T.: 10.152 min
Delta R.T.: 0.011 min
Response: 2675638
Conc: 785.23 ng/ml



#40 AR-1262-5

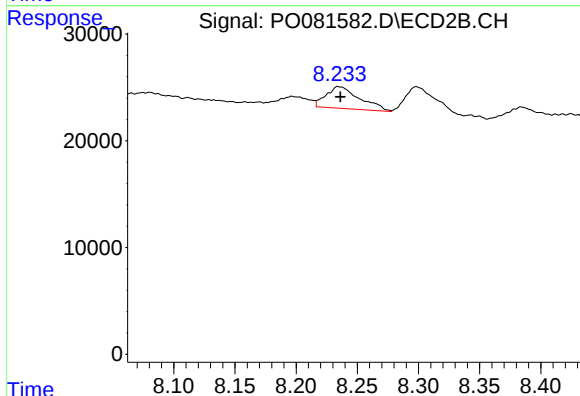
R.T.: 0.000 min
Exp R.T.: 8.804 min
Response: 0
Conc: N.D.



#41 AR-1268-1

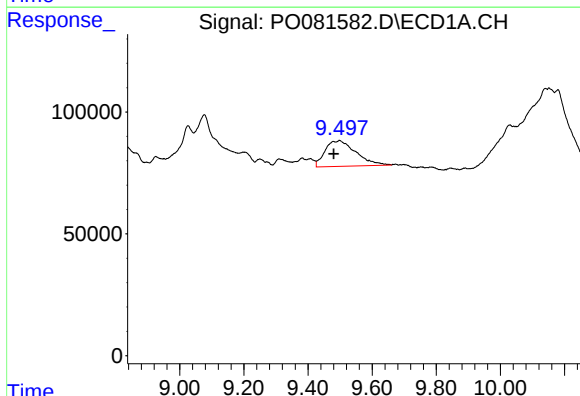
R.T.: 9.382 min
Delta R.T.: -0.002 min
Response: 76788
Conc: 7.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



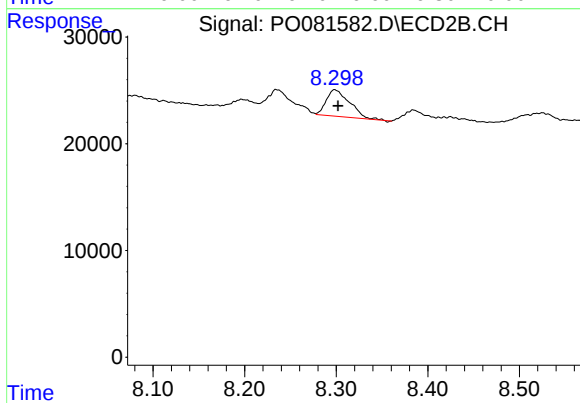
#41 AR-1268-1

R.T.: 8.235 min
Delta R.T.: -0.001 min
Response: 38941
Conc: 10.15 ng/ml



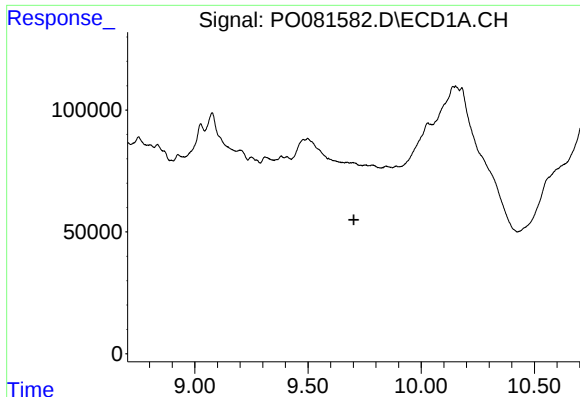
#42 AR-1268-2

R.T.: 9.498 min
Delta R.T.: 0.018 min
Response: 696437
Conc: 68.92 ng/ml



#42 AR-1268-2

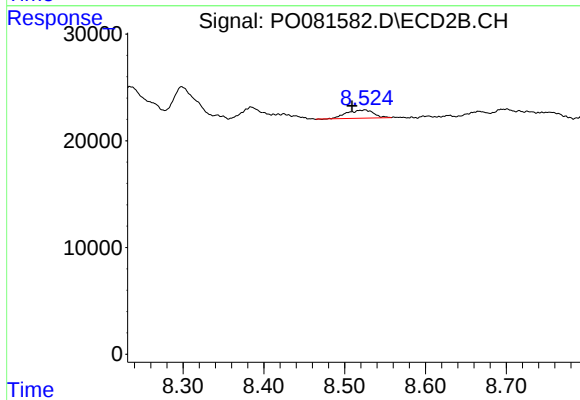
R.T.: 8.298 min
Delta R.T.: -0.004 min
Response: 43357
Conc: 12.45 ng/ml



#43 AR-1268-3

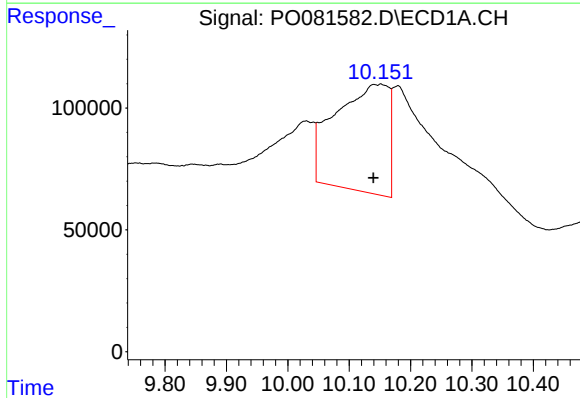
R.T.: 0.000 min
Exp R.T.: 9.703 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



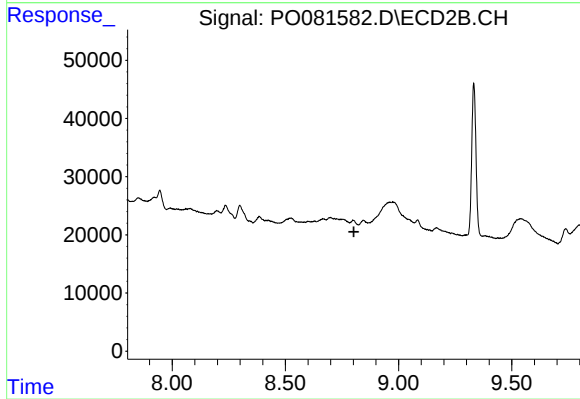
#43 AR-1268-3

R.T.: 8.525 min
Delta R.T.: 0.016 min
Response: 17749
Conc: 5.65 ng/ml



#44 AR-1268-4

R.T.: 10.152 min
Delta R.T.: 0.012 min
Response: 2675638
Conc: 696.83 ng/ml



#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 8.803 min
Response: 0
Conc: N.D.