

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102921\
 Data File : PO082333.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 29 Oct 2021 11:39
 Operator : AJ\MA
 Sample : AR1268CCC500
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 29 15:23:32 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO101821.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 29 11:08:21 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...	4.979	3.971	4501071	1643645	55.704	55.708
2)	SA Decachlor...	11.094	9.292	5710921	2541963	102.753	99.802
Target Compounds							
3)	L1 AR-1016-1	0.000	5.232	0	6292	N.D.	5.190 #
4)	L1 AR-1016-2	0.000	5.257	0	8300	N.D.	5.017 #
5)	L1 AR-1016-3	0.000	5.439	0	5989	N.D.	6.729 #
6)	L1 AR-1016-4	0.000	5.497	0	10707	N.D.	14.738 #
7)	L1 AR-1016-5	0.000	5.723	0	17228	N.D.	19.334 #
8)	L2 AR-1221-1	5.218f	0.000	24371	0	28.200	N.D. #
9)	L2 AR-1221-2	5.335	4.323	57420	22537	89.353	80.469
10)	L2 AR-1221-3	0.000	4.416	0	20615	N.D.	24.449 #
11)	L3 AR-1232-1	0.000	4.416	0	20615	N.D.	31.322 #
12)	L3 AR-1232-2	0.000	5.257	0	8300	N.D.	11.618 #
13)	L3 AR-1232-3	0.000	5.439	0	5989	N.D.	15.801 #
14)	L3 AR-1232-4	0.000	5.536	0	8958	N.D.	25.526 #
15)	L3 AR-1232-5	0.000	5.723	0	17228	N.D.	45.369 #
16)	L4 AR-1242-1	0.000	5.232	0	6292	N.D.	6.874 #
17)	L4 AR-1242-2	0.000	5.257	0	8300	N.D.	6.764 #
18)	L4 AR-1242-3	0.000	5.439	0	5989	N.D.	8.901 #
19)	L4 AR-1242-4	0.000	5.536	0	8958	N.D.	13.345 #
20)	L4 AR-1242-5	7.299	6.105	21074	13727	16.569	15.975
21)	L5 AR-1248-1	0.000	5.232	0	6292	N.D.	8.613 #
22)	L5 AR-1248-2	0.000	5.497	0	10707	N.D.	11.134 #
23)	L5 AR-1248-3	0.000	5.536	0	8958	N.D.	9.089 #
24)	L5 AR-1248-4	7.261	5.723	20123	17228	8.529	14.988 #
25)	L5 AR-1248-5	7.299	6.132f	21074	36792	9.457	33.866 #
26)	L6 AR-1254-1	7.234	6.105	51930	13727	21.684	8.242 #
27)	L6 AR-1254-2	7.468	0.000	17237	0	4.726	N.D. #
28)	L6 AR-1254-3	7.861	6.689	26935	4286	7.443	1.914 #
29)	L6 AR-1254-4	8.142	6.931	9672	6268	3.589	4.268
30)	L6 AR-1254-5	8.580	0.000	6365	0	2.185	N.D. #
32)	L7 AR-1260-2	8.279	7.022	31433	11472	9.449	5.719 #
33)	L7 AR-1260-3	8.648	7.182	789918	44773	350.459	23.634 #
34)	L7 AR-1260-4	8.897f	7.664	1040123	671010	392.893	489.555
35)	L7 AR-1260-5	9.215	7.912	443296	275225	80.915	83.296
36)	L8 AR-1262-1	8.648	0.000	789918	0	230.921	N.D. #
37)	L8 AR-1262-2	9.215	7.912	443296	275225	70.594	77.038
38)	L8 AR-1262-3	9.534	8.201	4386362	2591937	1594.913	1721.995
39)	L8 AR-1262-4	9.632	8.266	4004790	2290510	2391.851	860.599 #
40)	L8 AR-1262-5	10.318	8.764	1502089	802609	659.148	635.407
41)	L9 AR-1268-1	9.534	8.201	4386362	2591937	516.719	519.005
42)	L9 AR-1268-2	9.632	8.266	4004790	2290510	515.145	511.582

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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
43) L9	AR-1268-3	9.864	8.476	3491666	1949422	514.612	512.098
44) L9	AR-1268-4	10.318	8.764	1502089	802609	519.599	512.528
45) L9	AR-1268-5	10.746	9.047	11737218	5653948	511.937	512.199

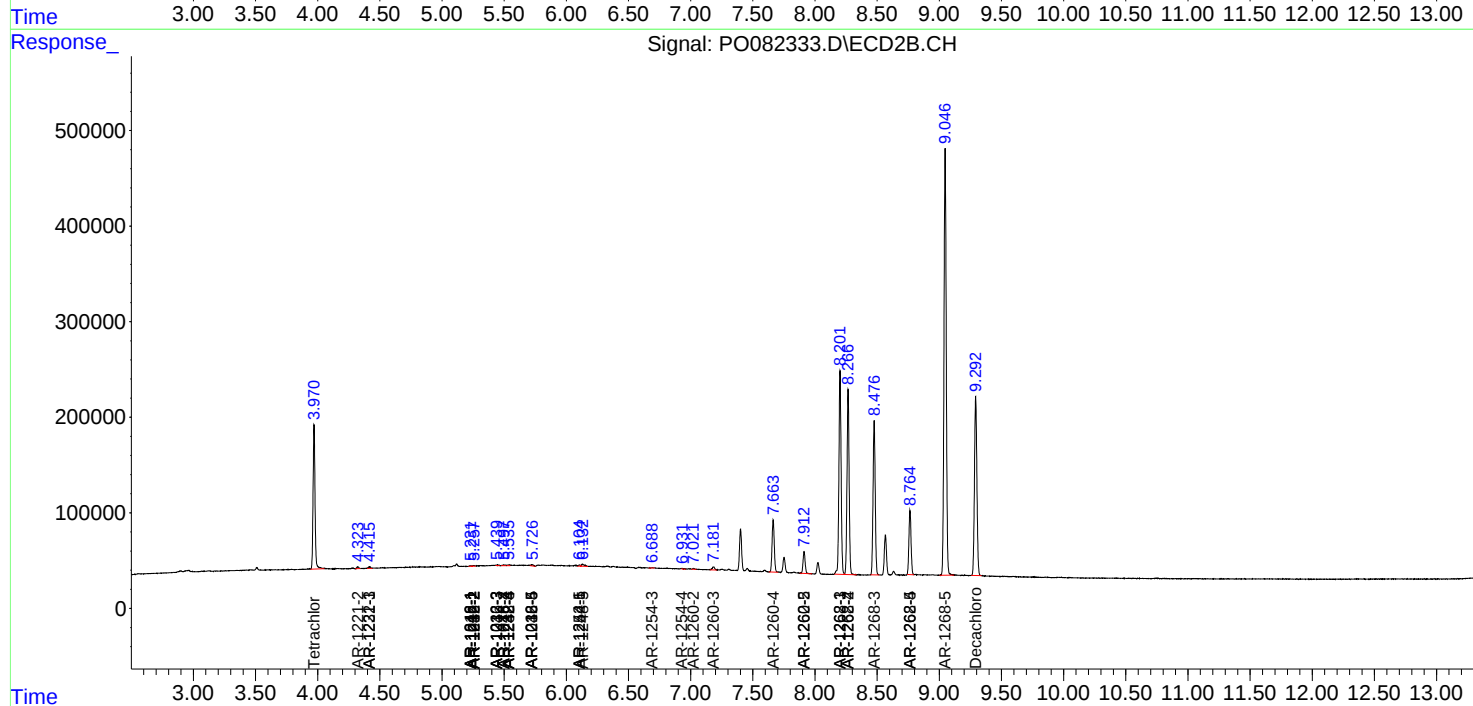
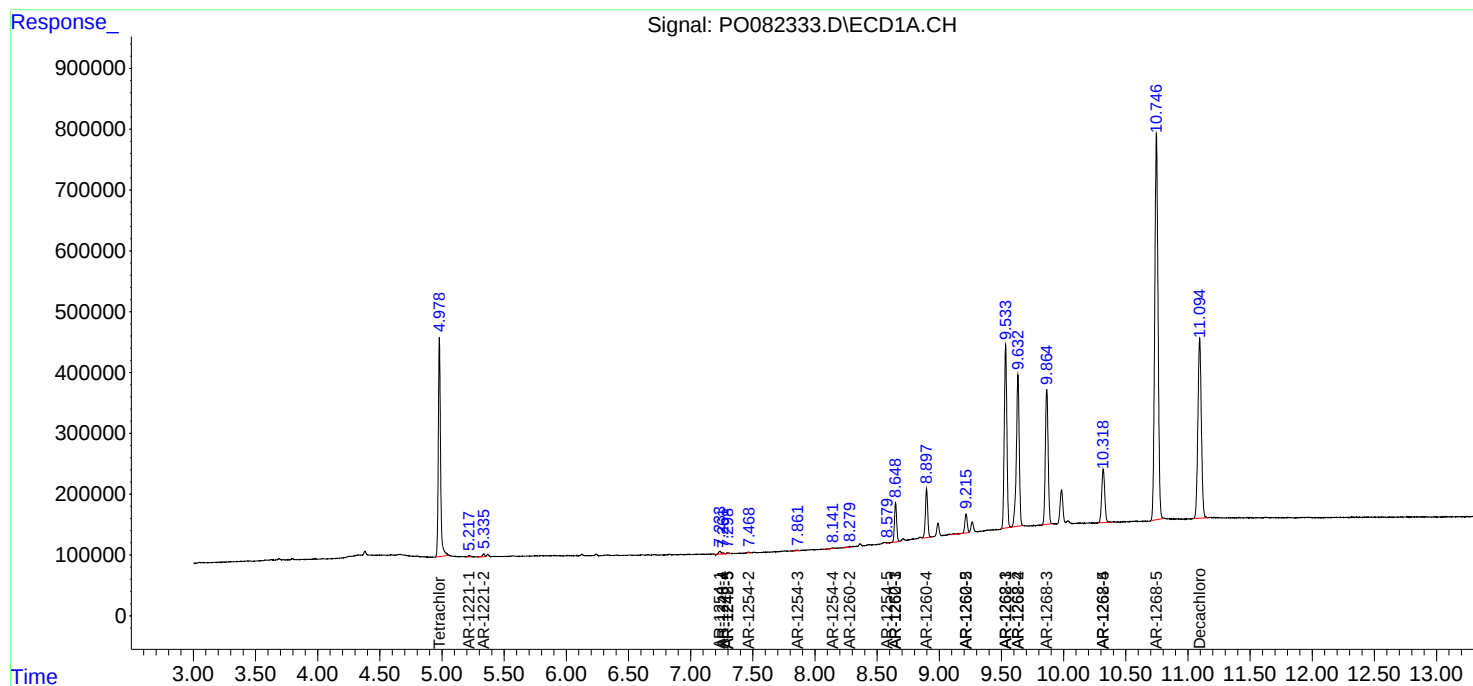
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

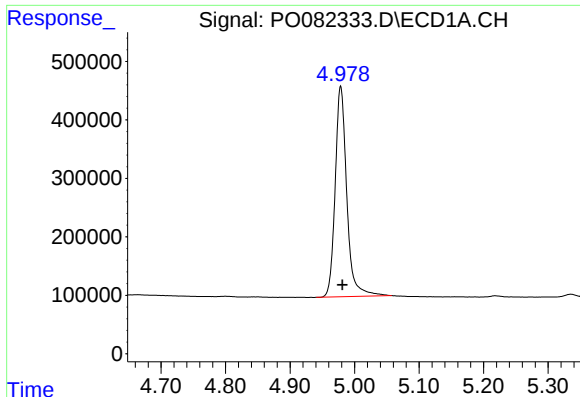
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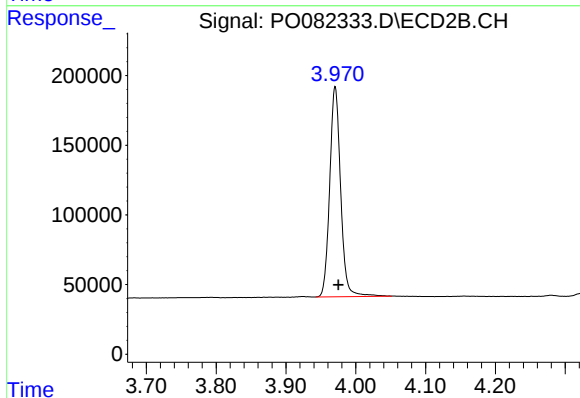




#1 Tetrachloro-m-xylene

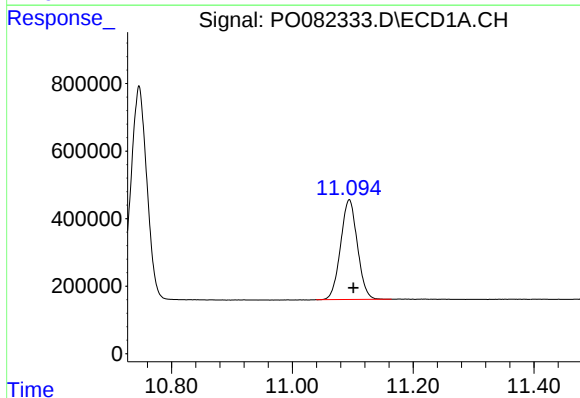
R.T.: 4.979 min
Delta R.T.: -0.002 min
Response: 4501071
Conc: 55.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



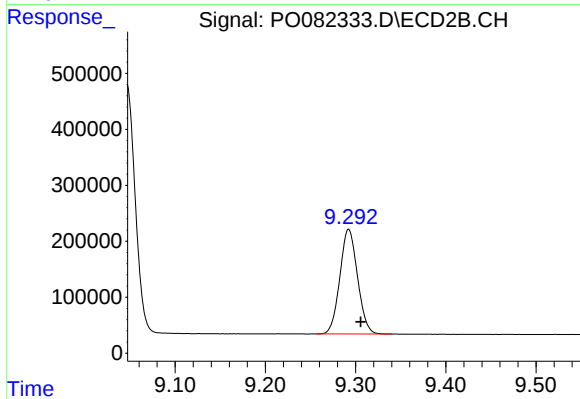
#1 Tetrachloro-m-xylene

R.T.: 3.971 min
Delta R.T.: -0.005 min
Response: 1643645
Conc: 55.71 ng/ml



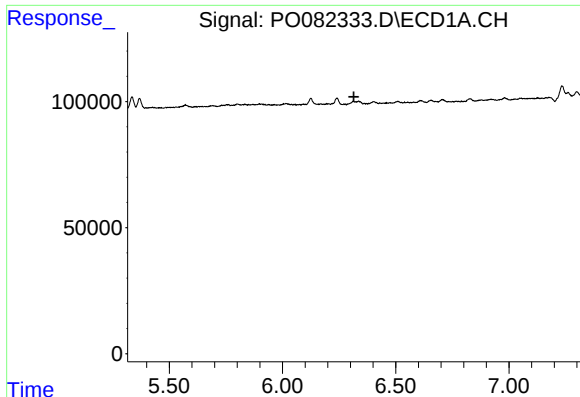
#2 Decachlorobiphenyl

R.T.: 11.094 min
Delta R.T.: -0.006 min
Response: 5710921
Conc: 102.75 ng/ml



#2 Decachlorobiphenyl

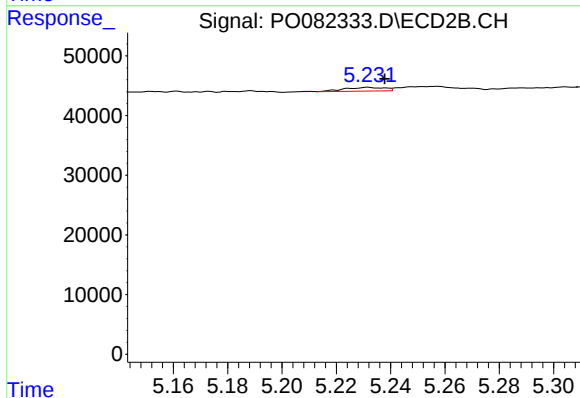
R.T.: 9.292 min
Delta R.T.: -0.013 min
Response: 2541963
Conc: 99.80 ng/ml



#3 AR-1016-1

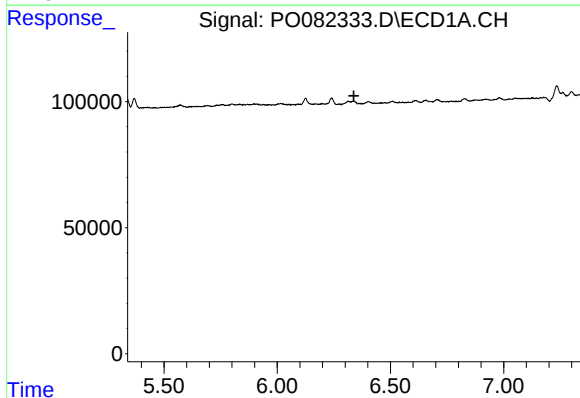
R.T.: 0.000 min
Exp R.T.: 6.315 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



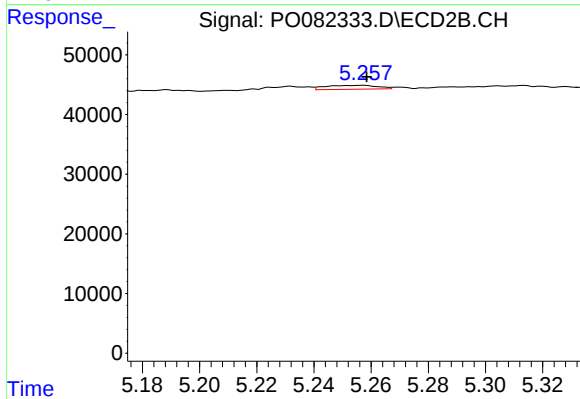
#3 AR-1016-1

R.T.: 5.232 min
Delta R.T.: -0.006 min
Response: 6292
Conc: 5.19 ng/ml



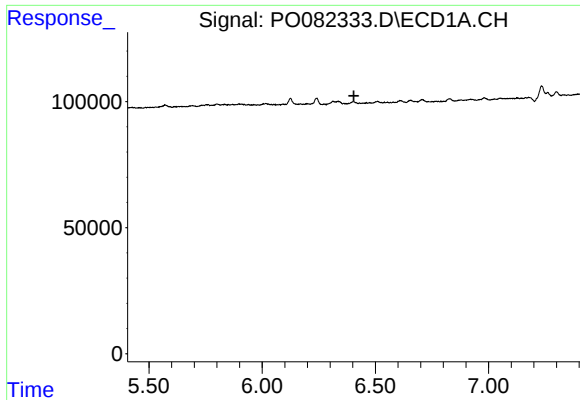
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 6.338 min
Response: 0
Conc: N.D.



#4 AR-1016-2

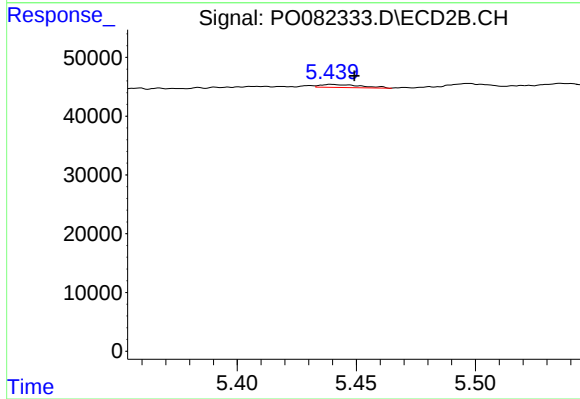
R.T.: 5.257 min
Delta R.T.: -0.001 min
Response: 8300
Conc: 5.02 ng/ml



#5 AR-1016-3

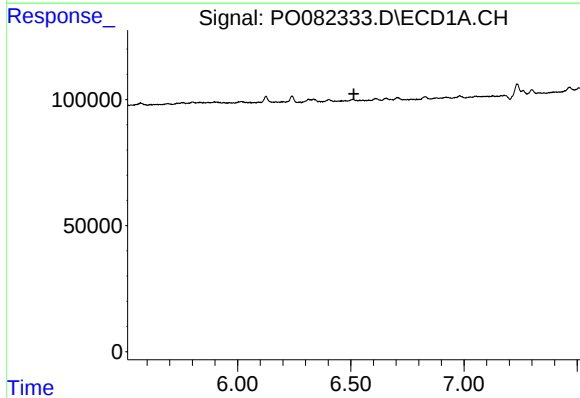
R.T.: 0.000 min
Exp R.T.: 6.405 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



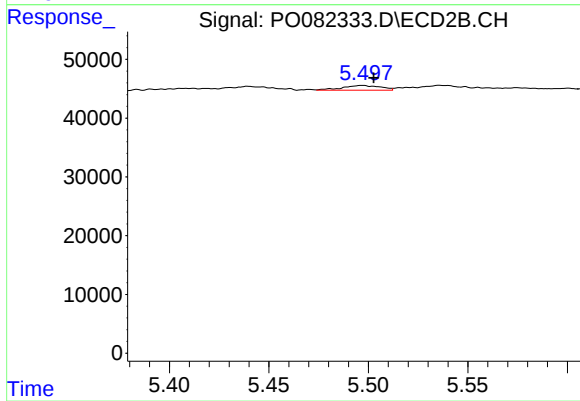
#5 AR-1016-3

R.T.: 5.439 min
Delta R.T.: -0.010 min
Response: 5989
Conc: 6.73 ng/ml



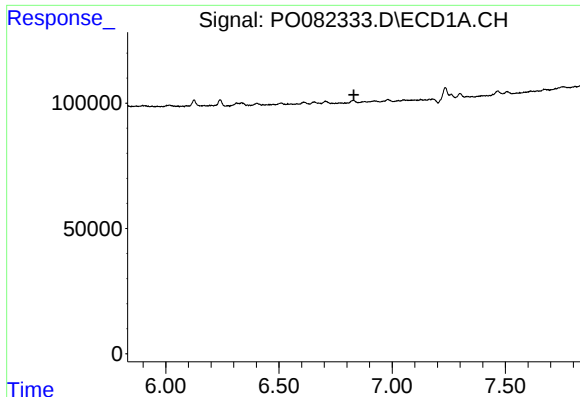
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T.: 6.513 min
Response: 0
Conc: N.D.



#6 AR-1016-4

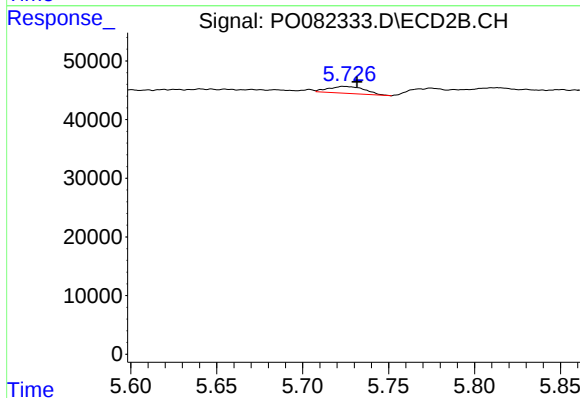
R.T.: 5.497 min
Delta R.T.: -0.005 min
Response: 10707
Conc: 14.74 ng/ml



#7 AR-1016-5

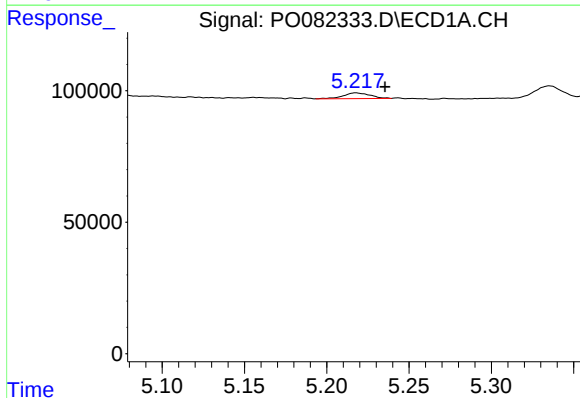
R.T.: 0.000 min
Exp R.T.: 6.831 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



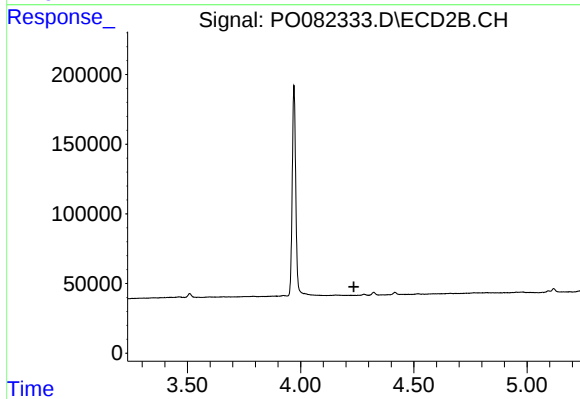
#7 AR-1016-5

R.T.: 5.723 min
Delta R.T.: -0.008 min
Response: 17228
Conc: 19.33 ng/ml



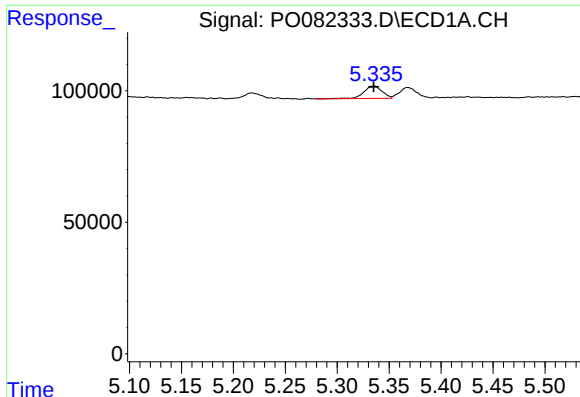
#8 AR-1221-1

R.T.: 5.218 min
Delta R.T.: -0.018 min
Response: 24371
Conc: 28.20 ng/ml



#8 AR-1221-1

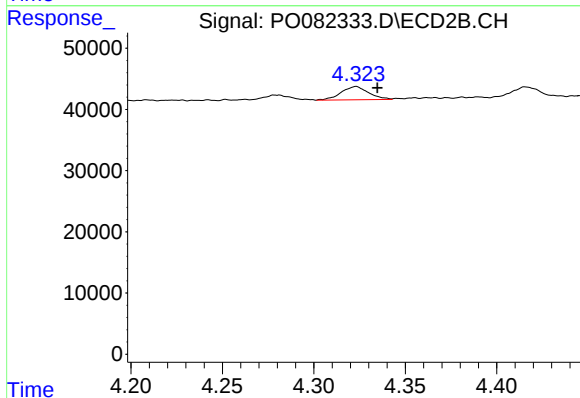
R.T.: 0.000 min
Exp R.T.: 4.236 min
Response: 0
Conc: N.D.



#9 AR-1221-2

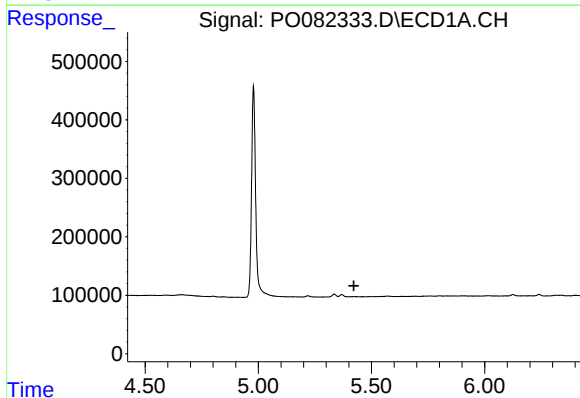
R.T.: 5.335 min
Delta R.T.: 0.000 min
Response: 57420
Conc: 89.35 ng/ml

Instrument :
ECD_O
ClientSampleId :



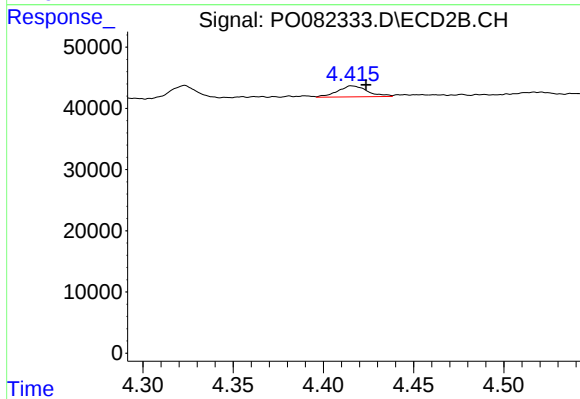
#9 AR-1221-2

R.T.: 4.323 min
Delta R.T.: -0.012 min
Response: 22537
Conc: 80.47 ng/ml



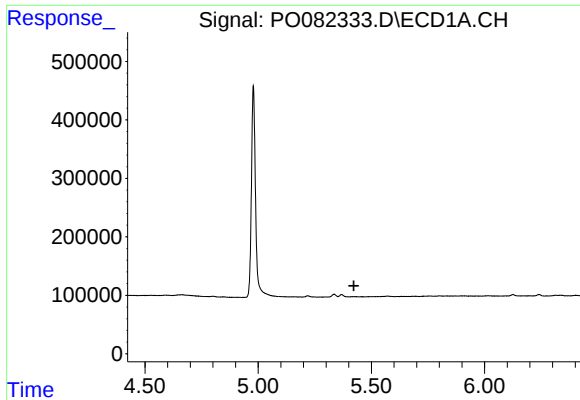
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 5.422 min
Response: 0
Conc: N.D.



#10 AR-1221-3

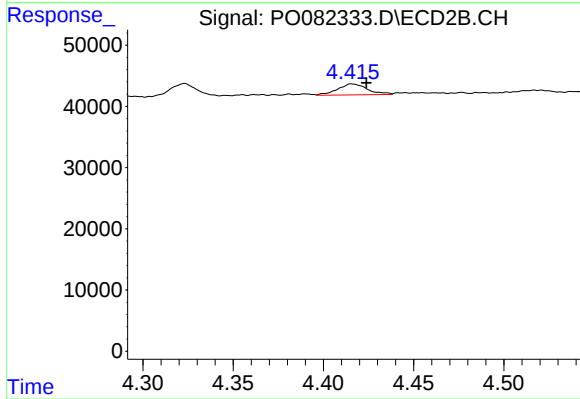
R.T.: 4.416 min
Delta R.T.: -0.008 min
Response: 20615
Conc: 24.45 ng/ml



#11 AR-1232-1

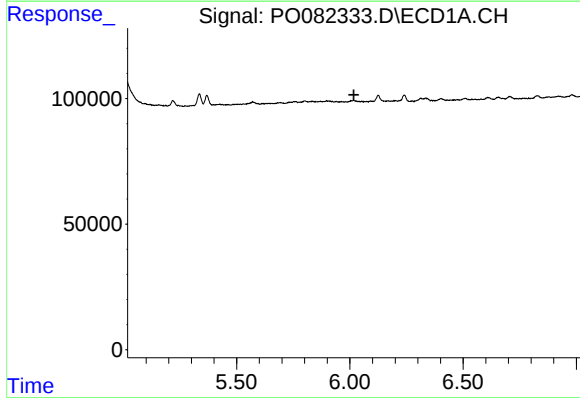
R.T.: 0.000 min
Exp R.T.: 5.422 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



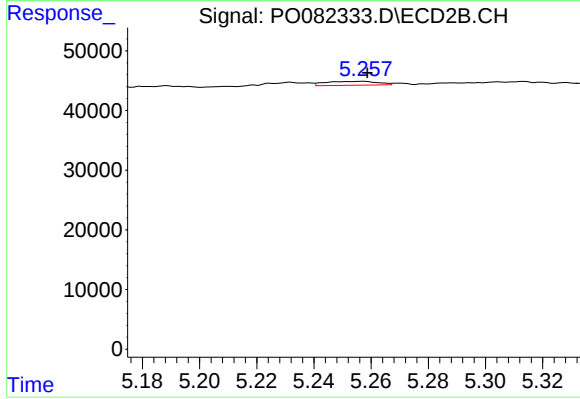
#11 AR-1232-1

R.T.: 4.416 min
Delta R.T.: -0.008 min
Response: 20615
Conc: 31.32 ng/ml



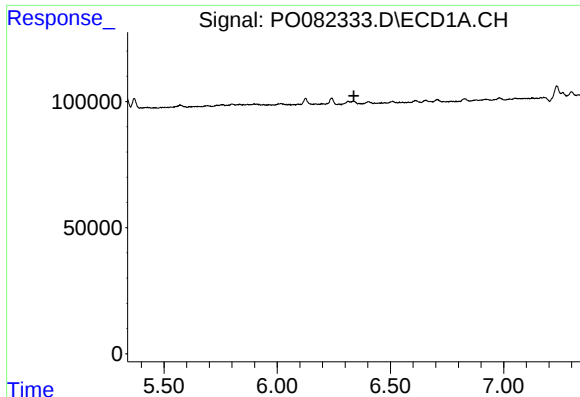
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T.: 6.018 min
Response: 0
Conc: N.D.



#12 AR-1232-2

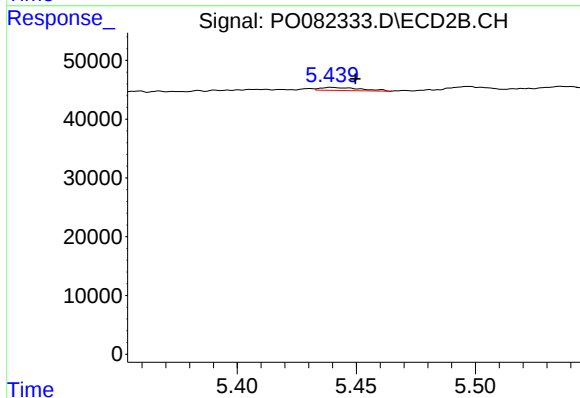
R.T.: 5.257 min
Delta R.T.: -0.001 min
Response: 8300
Conc: 11.62 ng/ml



#13 AR-1232-3

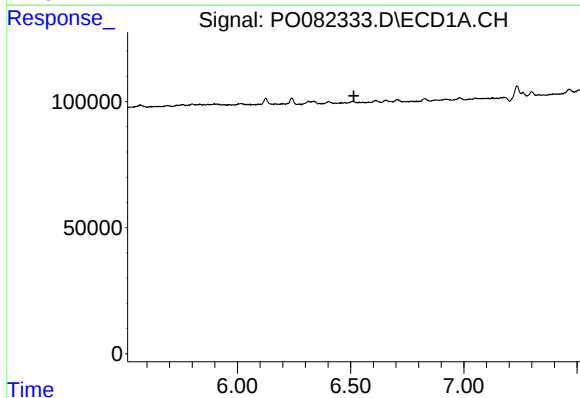
R.T.: 0.000 min
Exp R.T. : 6.339 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



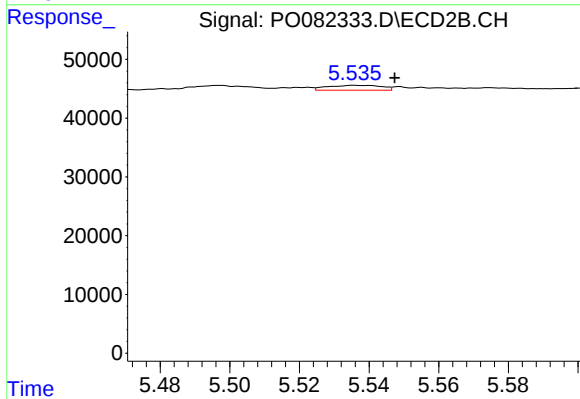
#13 AR-1232-3

R.T.: 5.439 min
Delta R.T.: -0.010 min
Response: 5989
Conc: 15.80 ng/ml



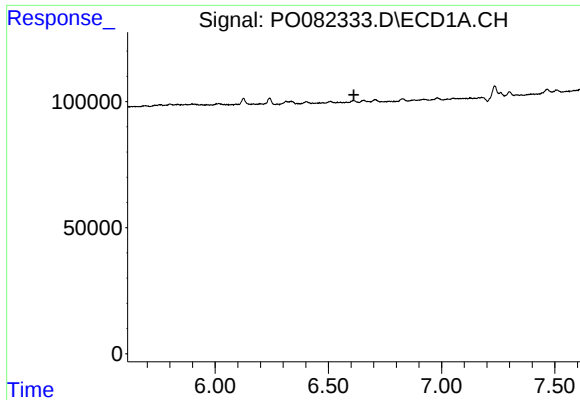
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 6.514 min
Response: 0
Conc: N.D.



#14 AR-1232-4

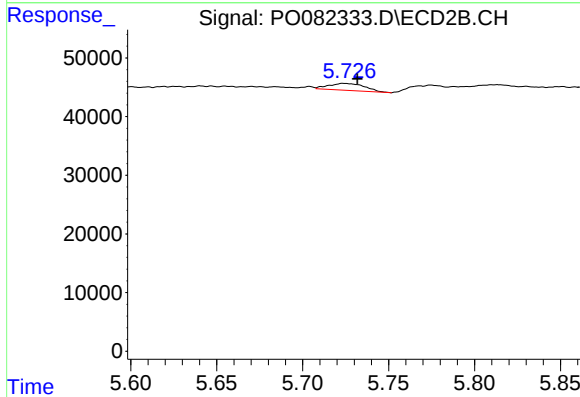
R.T.: 5.536 min
Delta R.T.: -0.012 min
Response: 8958
Conc: 25.53 ng/ml



#15 AR-1232-5

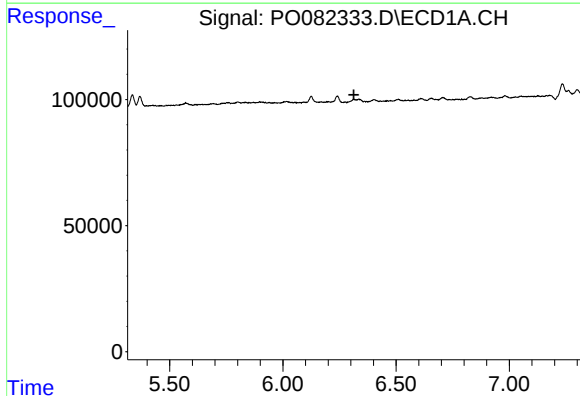
R.T.: 0.000 min
Exp R.T.: 6.613 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



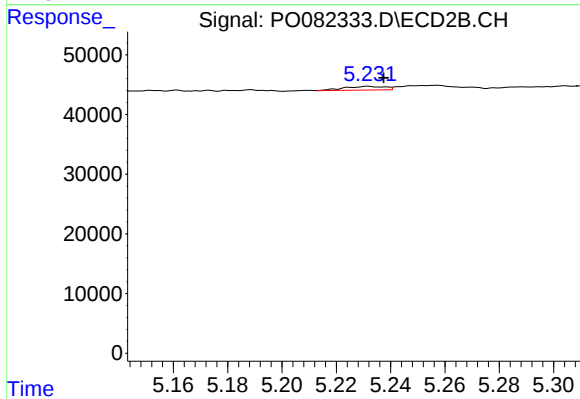
#15 AR-1232-5

R.T.: 5.723 min
Delta R.T.: -0.008 min
Response: 17228
Conc: 45.37 ng/ml



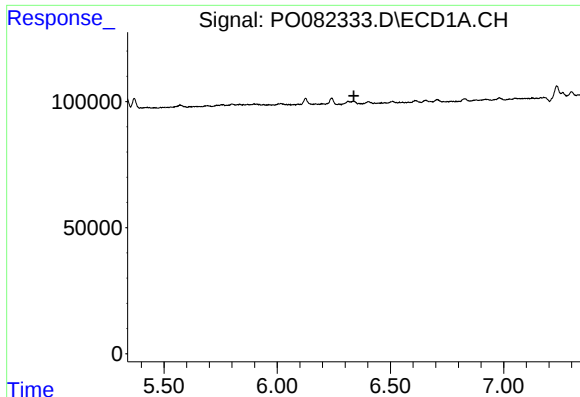
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T.: 6.314 min
Response: 0
Conc: N.D.



#16 AR-1242-1

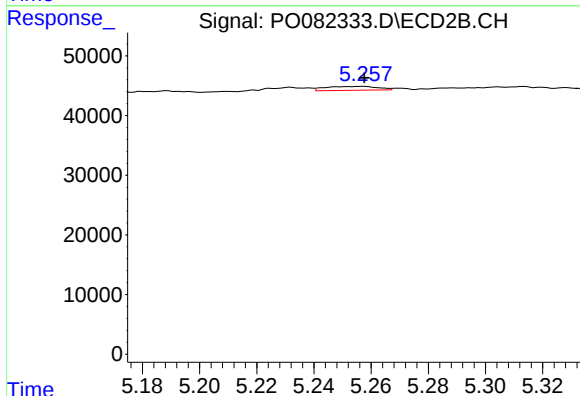
R.T.: 5.232 min
Delta R.T.: -0.006 min
Response: 6292
Conc: 6.87 ng/ml



#17 AR-1242-2

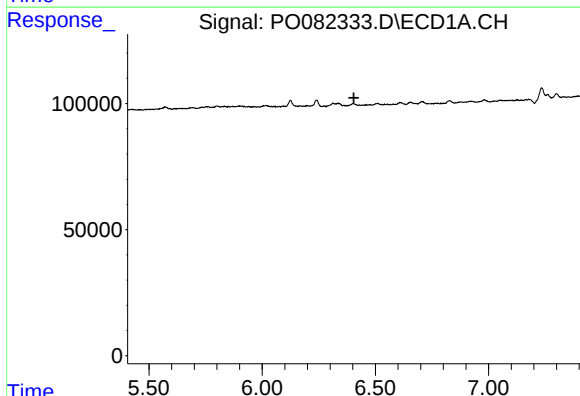
R.T.: 0.000 min
Exp R.T.: 6.339 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



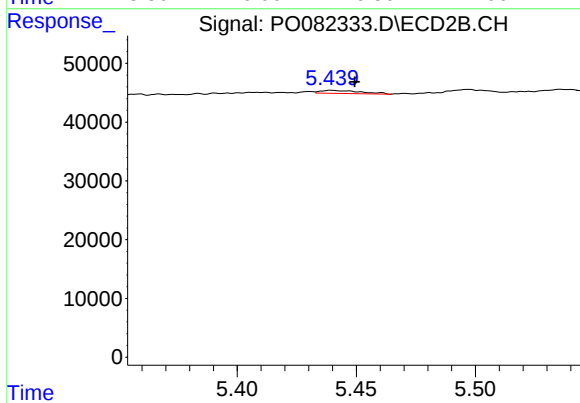
#17 AR-1242-2

R.T.: 5.257 min
Delta R.T.: 0.000 min
Response: 8300
Conc: 6.76 ng/ml



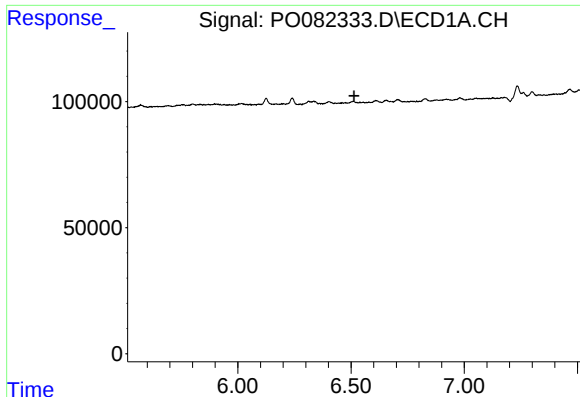
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 6.405 min
Response: 0
Conc: N.D.



#18 AR-1242-3

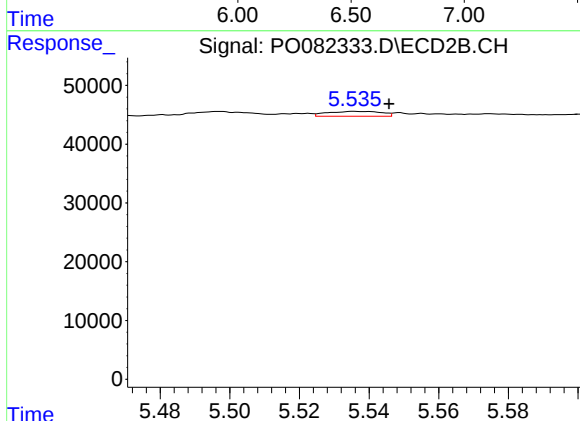
R.T.: 5.439 min
Delta R.T.: -0.010 min
Response: 5989
Conc: 8.90 ng/ml



#19 AR-1242-4

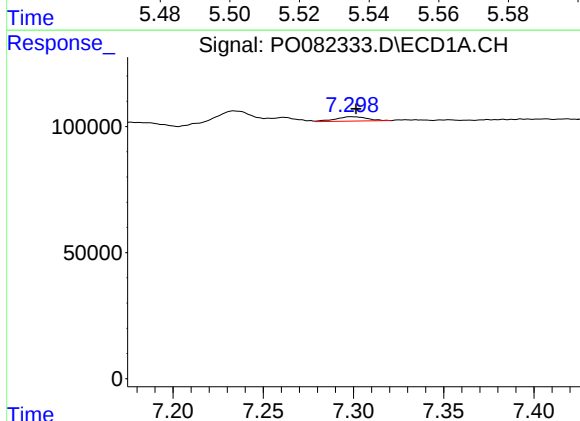
R.T.: 0.000 min
Exp R.T.: 6.513 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



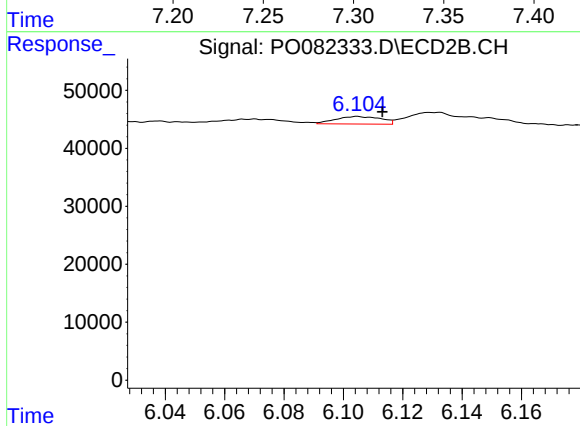
#19 AR-1242-4

R.T.: 5.536 min
Delta R.T.: -0.010 min
Response: 8958
Conc: 13.34 ng/ml



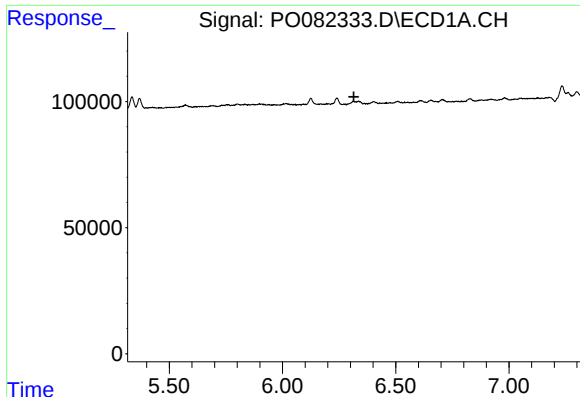
#20 AR-1242-5

R.T.: 7.299 min
Delta R.T.: -0.003 min
Response: 21074
Conc: 16.57 ng/ml



#20 AR-1242-5

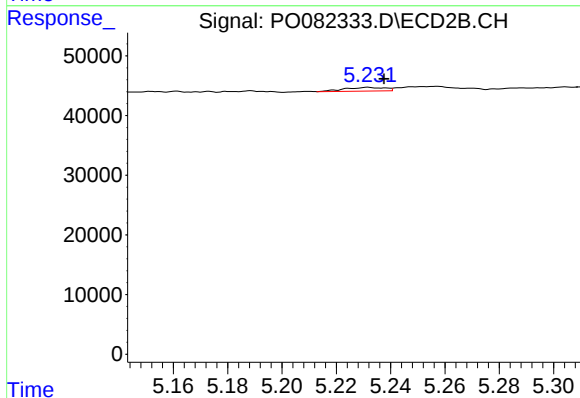
R.T.: 6.105 min
Delta R.T.: -0.008 min
Response: 13727
Conc: 15.98 ng/ml



#21 AR-1248-1

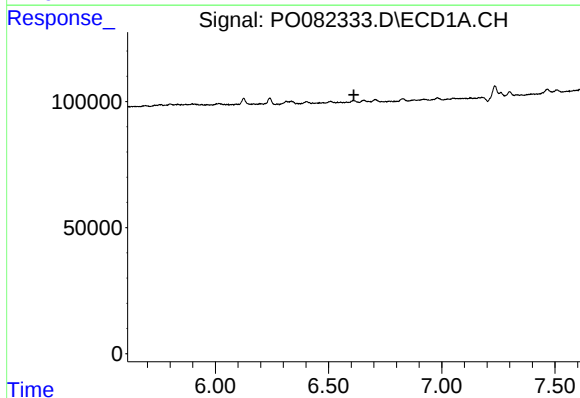
R.T.: 0.000 min
Exp R.T.: 6.315 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



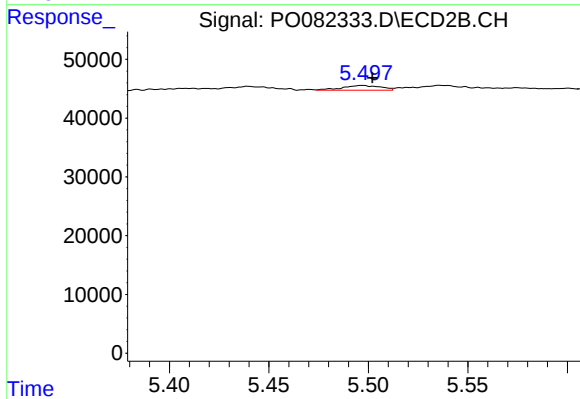
#21 AR-1248-1

R.T.: 5.232 min
Delta R.T.: -0.006 min
Response: 6292
Conc: 8.61 ng/ml



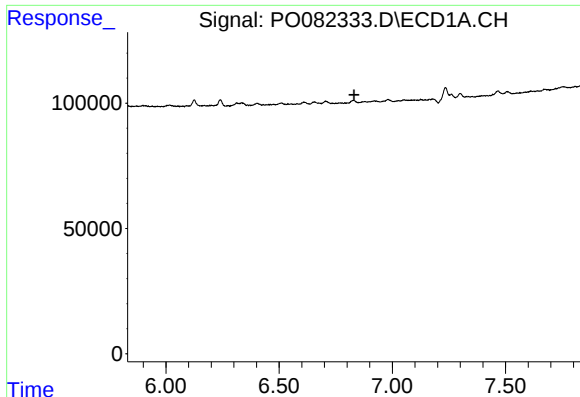
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T.: 6.612 min
Response: 0
Conc: N.D.



#22 AR-1248-2

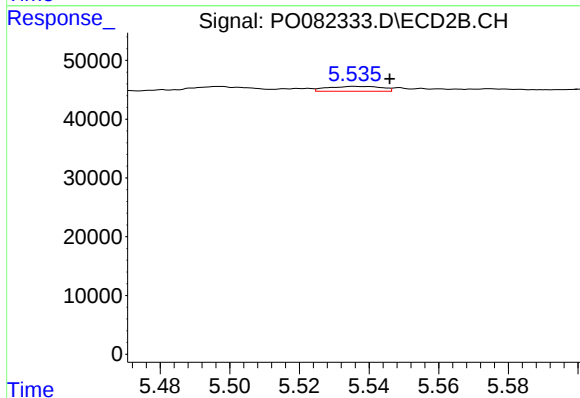
R.T.: 5.497 min
Delta R.T.: -0.005 min
Response: 10707
Conc: 11.13 ng/ml



#23 AR-1248-3

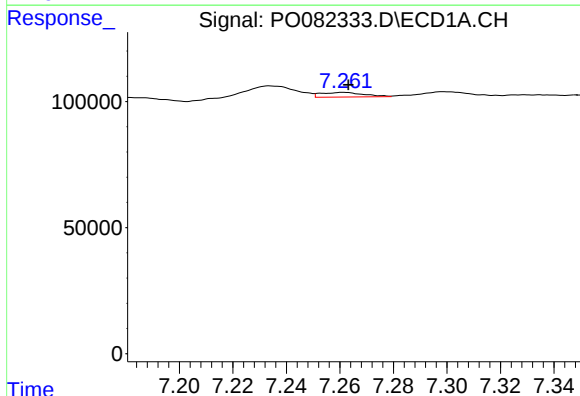
R.T.: 0.000 min
Exp R.T.: 6.831 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



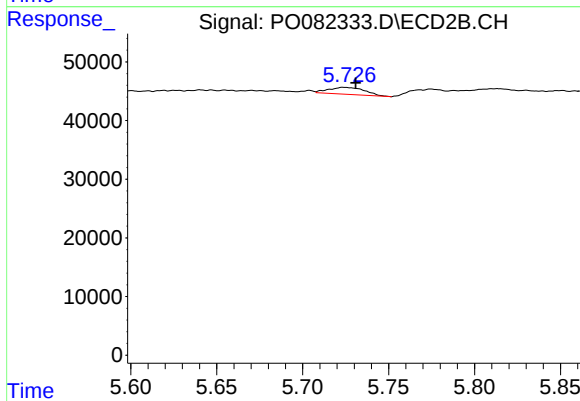
#23 AR-1248-3

R.T.: 5.536 min
Delta R.T.: -0.010 min
Response: 8958
Conc: 9.09 ng/ml



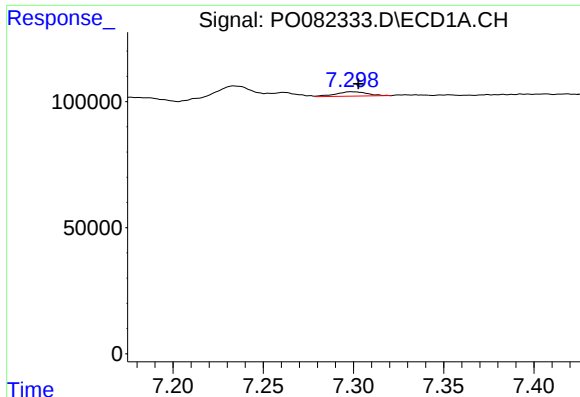
#24 AR-1248-4

R.T.: 7.261 min
Delta R.T.: -0.002 min
Response: 20123
Conc: 8.53 ng/ml



#24 AR-1248-4

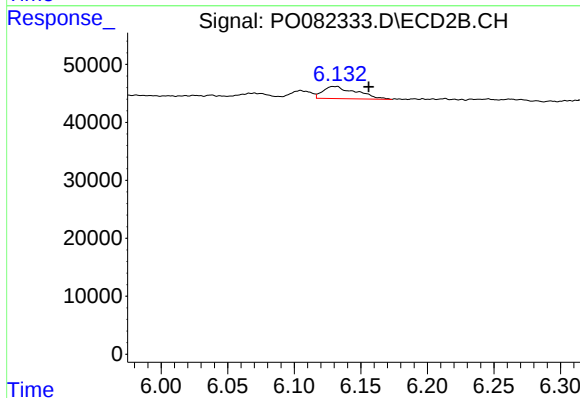
R.T.: 5.723 min
Delta R.T.: -0.007 min
Response: 17228
Conc: 14.99 ng/ml



#25 AR-1248-5

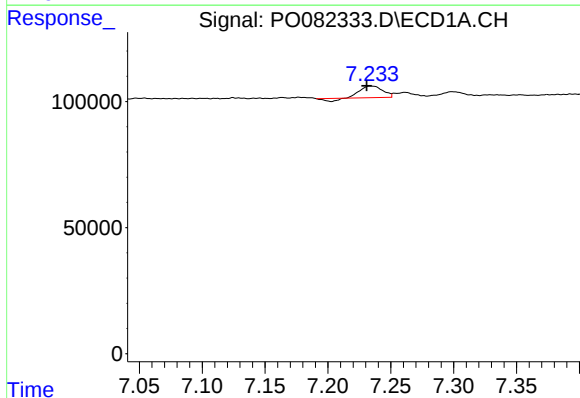
R.T.: 7.299 min
Delta R.T.: -0.004 min
Response: 21074
Conc: 9.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



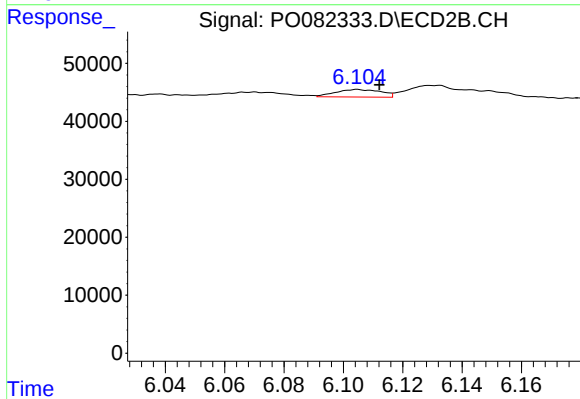
#25 AR-1248-5

R.T.: 6.132 min
Delta R.T.: -0.024 min
Response: 36792
Conc: 33.87 ng/ml



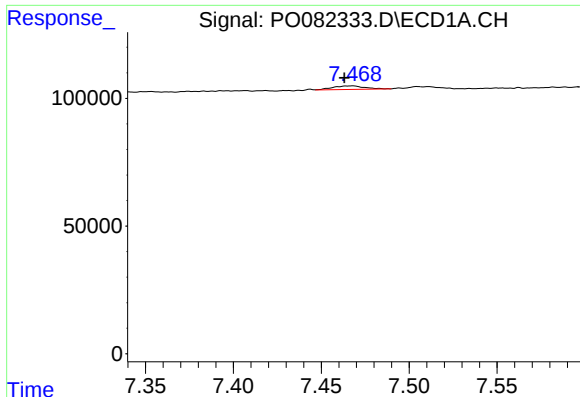
#26 AR-1254-1

R.T.: 7.234 min
Delta R.T.: 0.003 min
Response: 51930
Conc: 21.68 ng/ml



#26 AR-1254-1

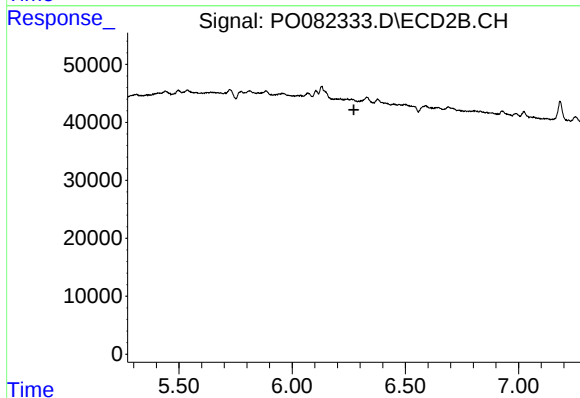
R.T.: 6.105 min
Delta R.T.: -0.007 min
Response: 13727
Conc: 8.24 ng/ml



#27 AR-1254-2

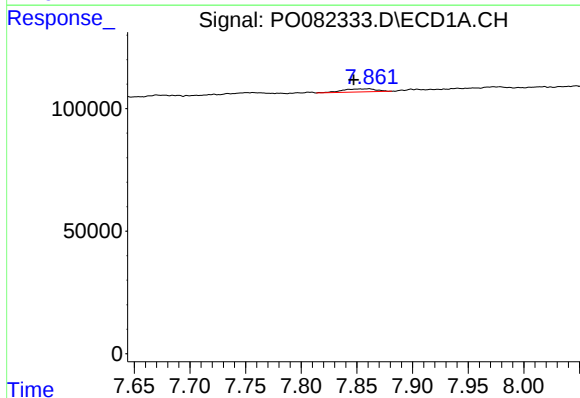
R.T.: 7.468 min
Delta R.T.: 0.005 min
Response: 17237
Conc: 4.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



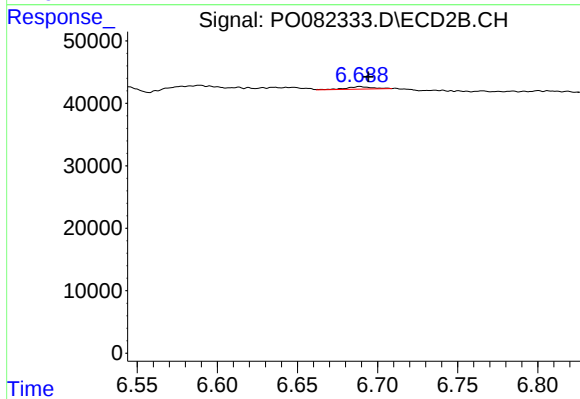
#27 AR-1254-2

R.T.: 0.000 min
Exp R.T. : 6.273 min
Response: 0
Conc: N.D.



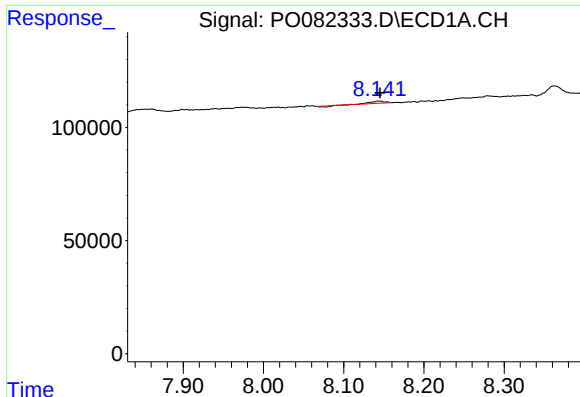
#28 AR-1254-3

R.T.: 7.861 min
Delta R.T.: 0.014 min
Response: 26935
Conc: 7.44 ng/ml



#28 AR-1254-3

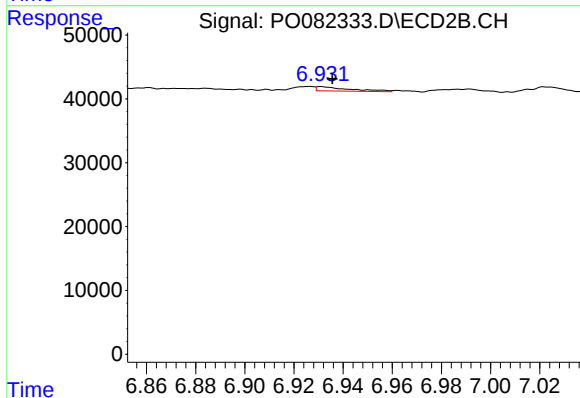
R.T.: 6.689 min
Delta R.T.: -0.005 min
Response: 4286
Conc: 1.91 ng/ml



#29 AR-1254-4

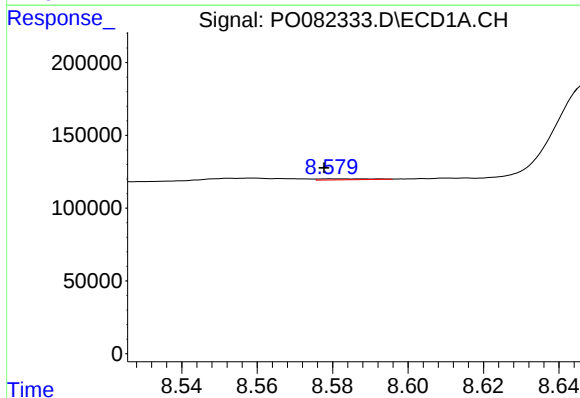
R.T.: 8.142 min
Delta R.T.: -0.003 min
Response: 9672
Conc: 3.59 ng/ml

Instrument :
ECD_O
ClientSampleId :



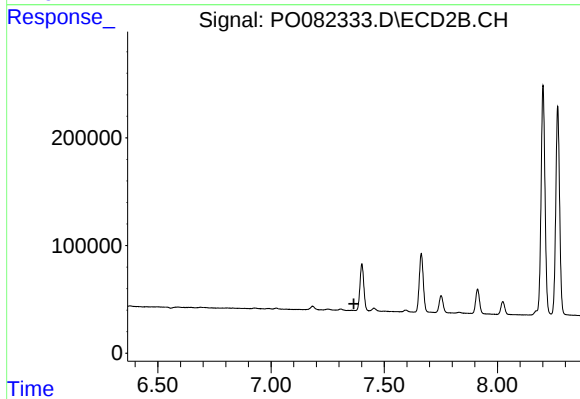
#29 AR-1254-4

R.T.: 6.931 min
Delta R.T.: -0.005 min
Response: 6268
Conc: 4.27 ng/ml



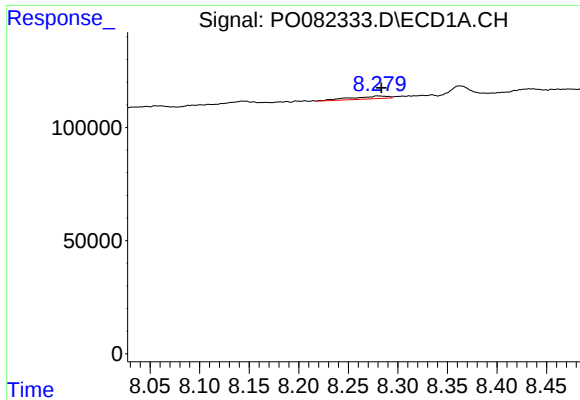
#30 AR-1254-5

R.T.: 8.580 min
Delta R.T.: 0.002 min
Response: 6365
Conc: 2.19 ng/ml



#30 AR-1254-5

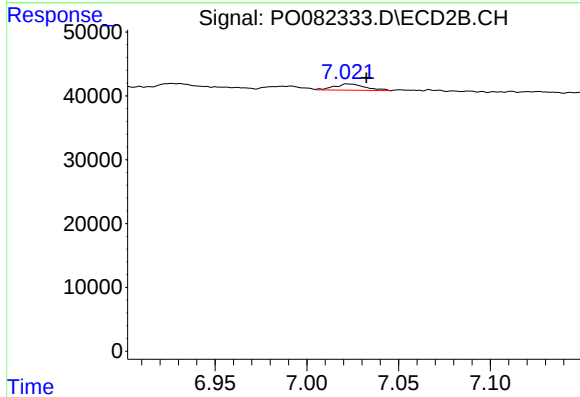
R.T.: 0.000 min
Exp R.T. : 7.366 min
Response: 0
Conc: N.D.



#32 AR-1260-2

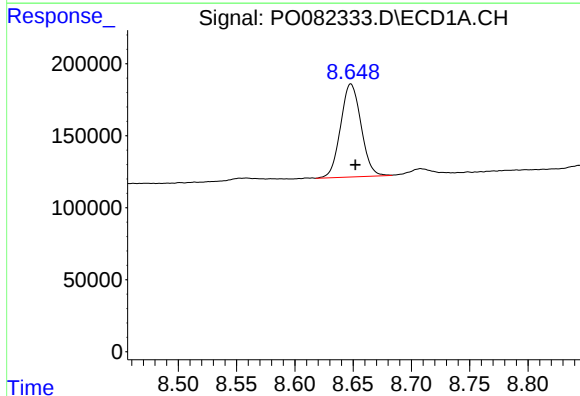
R.T.: 8.279 min
Delta R.T.: -0.004 min
Response: 31433
Conc: 9.45 ng/ml

Instrument :
ECD_O
ClientSampleId :



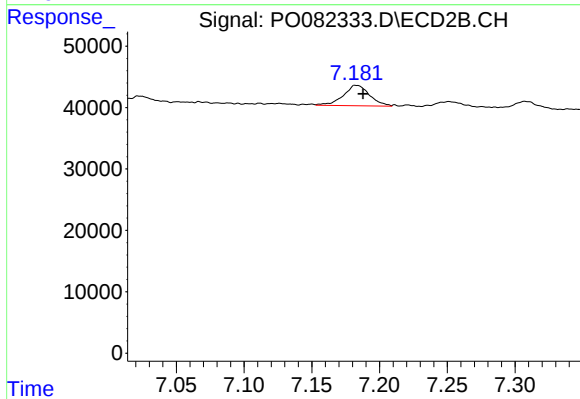
#32 AR-1260-2

R.T.: 7.022 min
Delta R.T.: -0.011 min
Response: 11472
Conc: 5.72 ng/ml



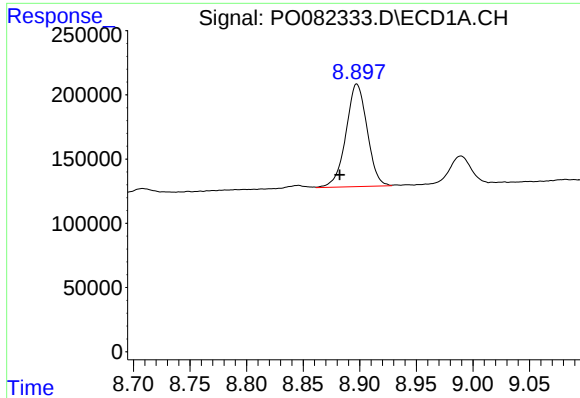
#33 AR-1260-3

R.T.: 8.648 min
Delta R.T.: -0.004 min
Response: 789918
Conc: 350.46 ng/ml



#33 AR-1260-3

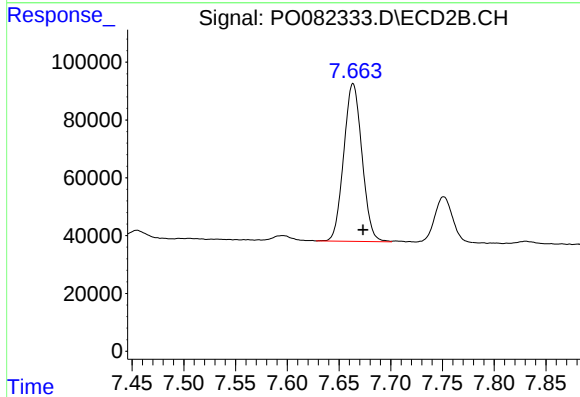
R.T.: 7.182 min
Delta R.T.: -0.006 min
Response: 44773
Conc: 23.63 ng/ml



#34 AR-1260-4

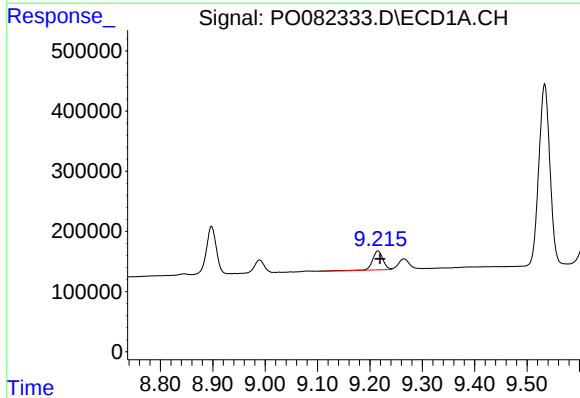
R.T.: 8.897 min
Delta R.T.: 0.015 min
Response: 1040123
Conc: 392.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



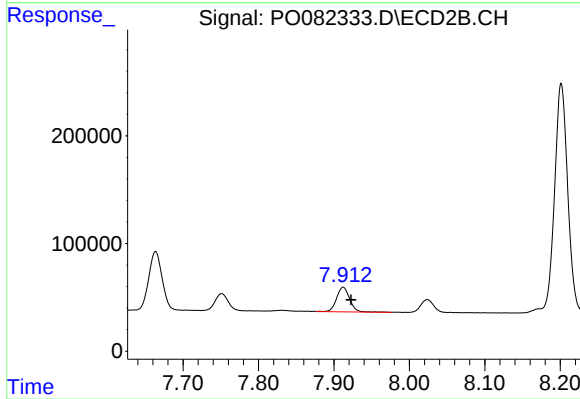
#34 AR-1260-4

R.T.: 7.664 min
Delta R.T.: -0.010 min
Response: 671010
Conc: 489.56 ng/ml



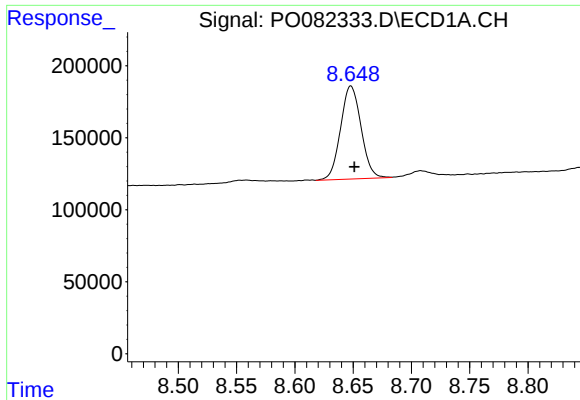
#35 AR-1260-5

R.T.: 9.215 min
Delta R.T.: -0.004 min
Response: 443296
Conc: 80.92 ng/ml



#35 AR-1260-5

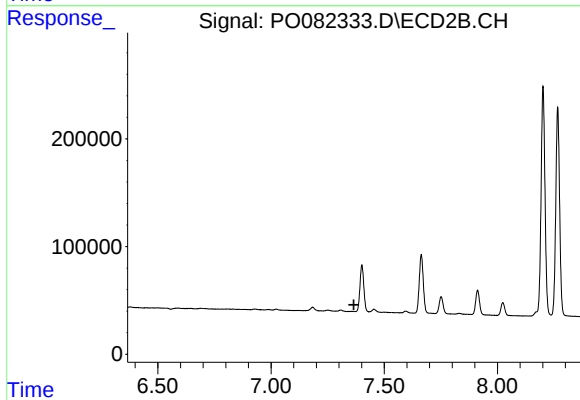
R.T.: 7.912 min
Delta R.T.: -0.010 min
Response: 275225
Conc: 83.30 ng/ml



#36 AR-1262-1

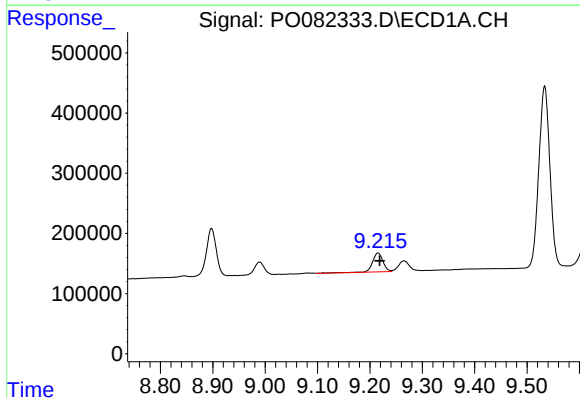
R.T.: 8.648 min
Delta R.T.: -0.003 min
Response: 789918
Conc: 230.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



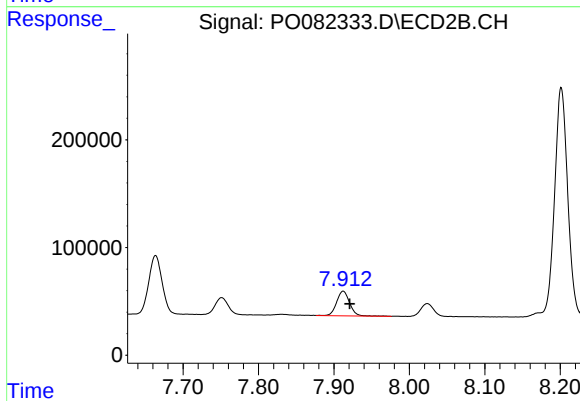
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T. : 7.366 min
Response: 0
Conc: N.D.



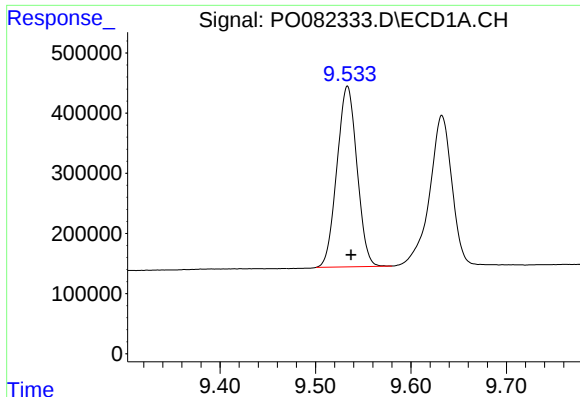
#37 AR-1262-2

R.T.: 9.215 min
Delta R.T.: -0.003 min
Response: 443296
Conc: 70.59 ng/ml



#37 AR-1262-2

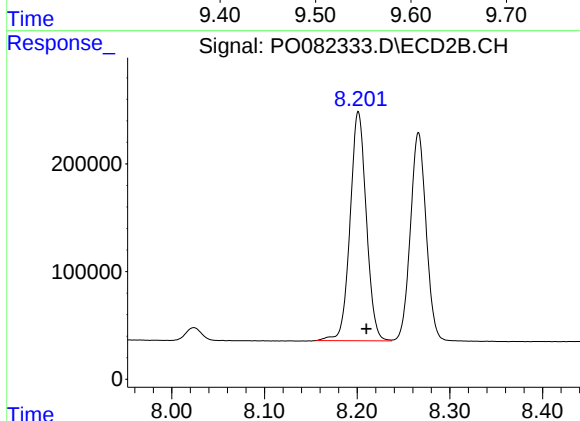
R.T.: 7.912 min
Delta R.T.: -0.009 min
Response: 275225
Conc: 77.04 ng/ml



#38 AR-1262-3

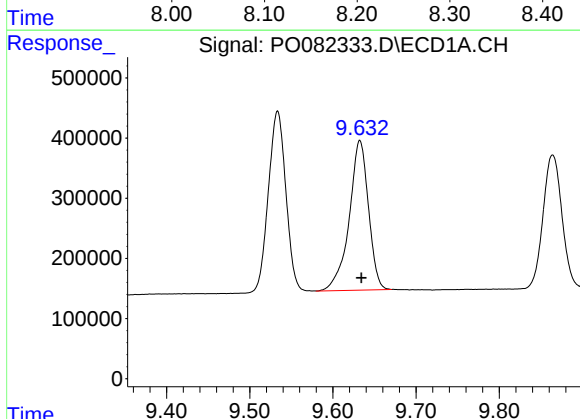
R.T.: 9.534 min
Delta R.T.: -0.004 min
Response: 4386362
Conc: 1594.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



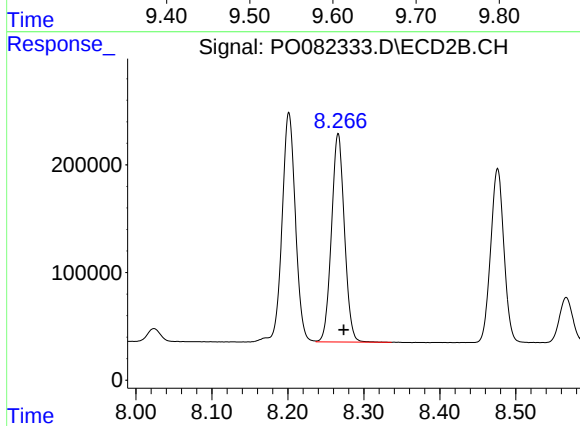
#38 AR-1262-3

R.T.: 8.201 min
Delta R.T.: -0.009 min
Response: 2591937
Conc: 1721.99 ng/ml



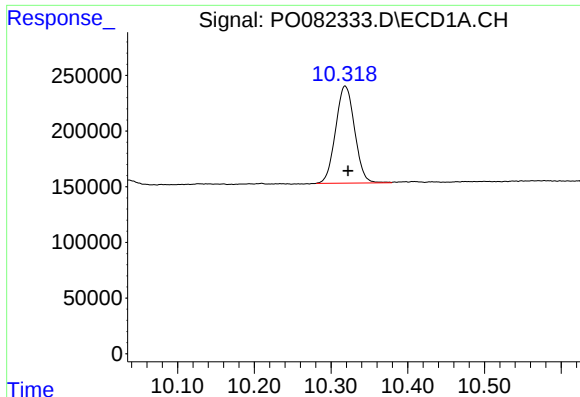
#39 AR-1262-4

R.T.: 9.632 min
Delta R.T.: -0.002 min
Response: 4004790
Conc: 2391.85 ng/ml



#39 AR-1262-4

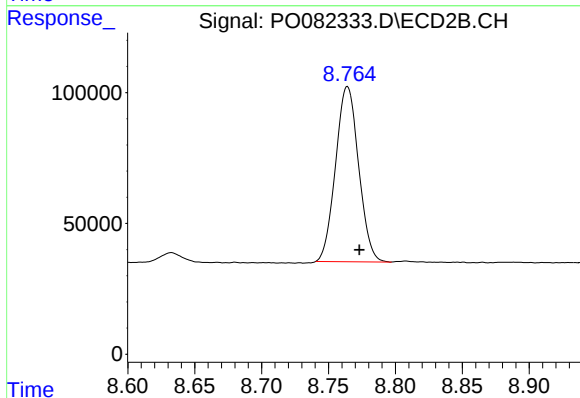
R.T.: 8.266 min
Delta R.T.: -0.007 min
Response: 2290510
Conc: 860.60 ng/ml



#40 AR-1262-5

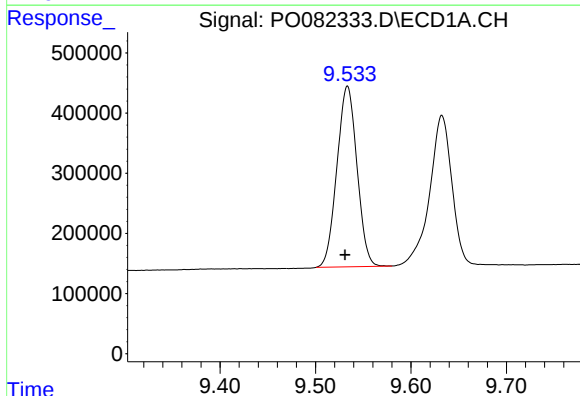
R.T.: 10.318 min
Delta R.T.: -0.004 min
Response: 1502089
Conc: 659.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



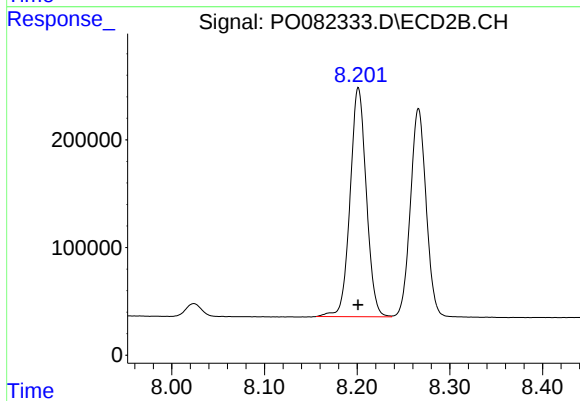
#40 AR-1262-5

R.T.: 8.764 min
Delta R.T.: -0.009 min
Response: 802609
Conc: 635.41 ng/ml



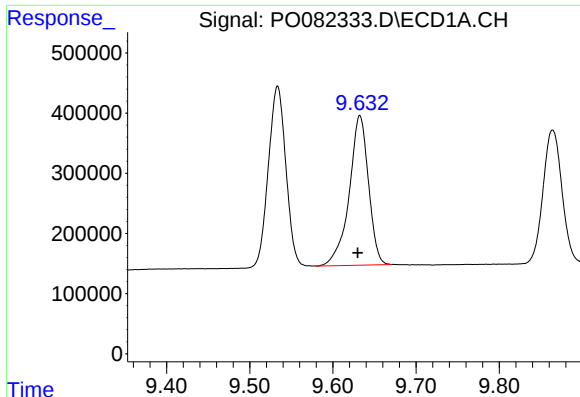
#41 AR-1268-1

R.T.: 9.534 min
Delta R.T.: 0.003 min
Response: 4386362
Conc: 516.72 ng/ml



#41 AR-1268-1

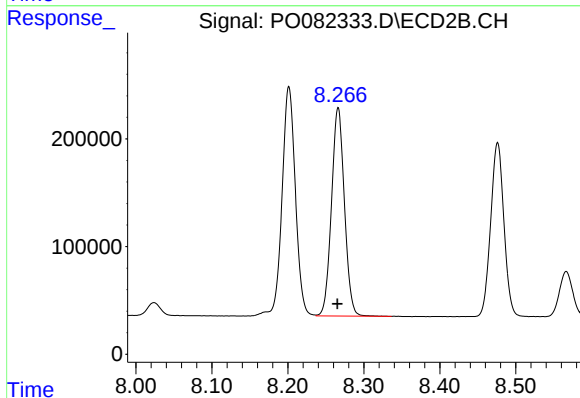
R.T.: 8.201 min
Delta R.T.: 0.000 min
Response: 2591937
Conc: 519.00 ng/ml



#42 AR-1268-2

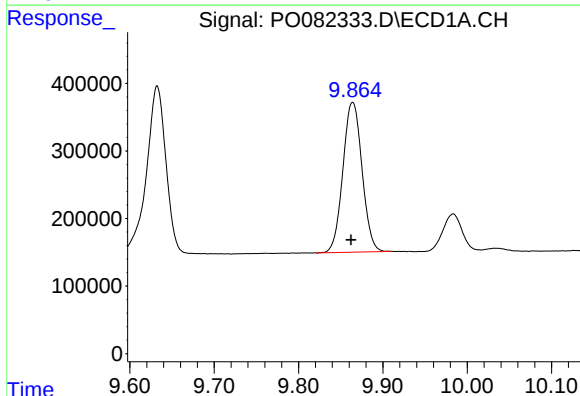
R.T.: 9.632 min
Delta R.T.: 0.002 min
Response: 4004790
Conc: 515.14 ng/ml

Instrument :
ECD_O
ClientSampleId :



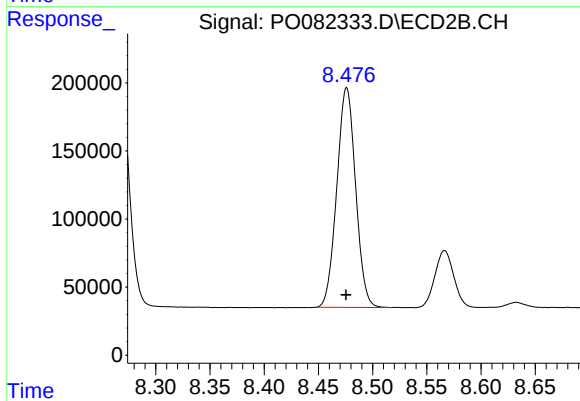
#42 AR-1268-2

R.T.: 8.266 min
Delta R.T.: 0.000 min
Response: 2290510
Conc: 511.58 ng/ml



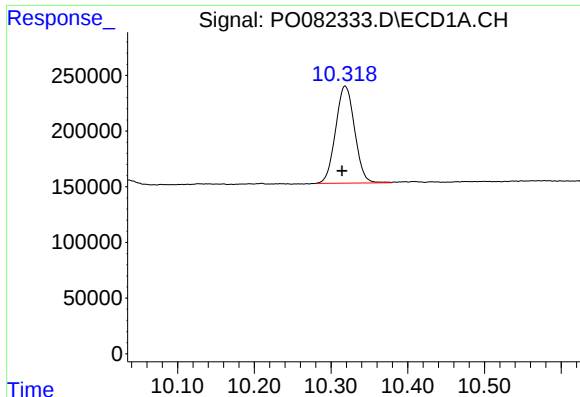
#43 AR-1268-3

R.T.: 9.864 min
Delta R.T.: 0.002 min
Response: 3491666
Conc: 514.61 ng/ml



#43 AR-1268-3

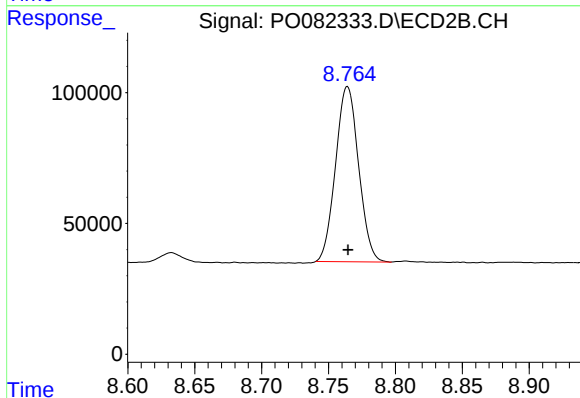
R.T.: 8.476 min
Delta R.T.: 0.000 min
Response: 1949422
Conc: 512.10 ng/ml



#44 AR-1268-4

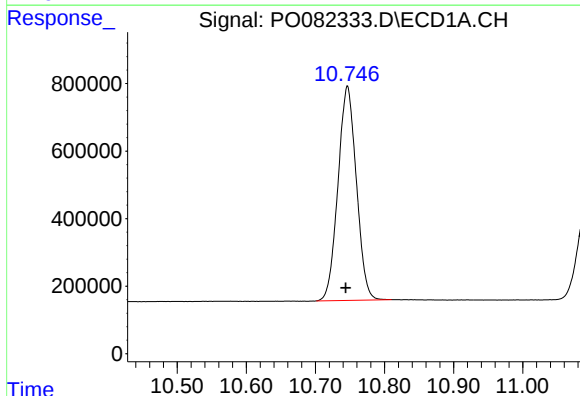
R.T.: 10.318 min
Delta R.T.: 0.004 min
Response: 1502089
Conc: 519.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



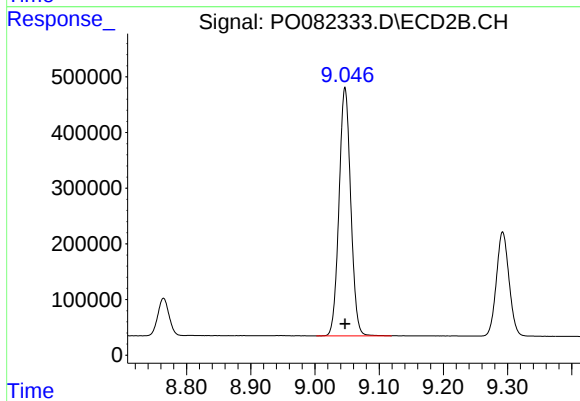
#44 AR-1268-4

R.T.: 8.764 min
Delta R.T.: 0.000 min
Response: 802609
Conc: 512.53 ng/ml



#45 AR-1268-5

R.T.: 10.746 min
Delta R.T.: 0.002 min
Response: 11737218
Conc: 511.94 ng/ml



#45 AR-1268-5

R.T.: 9.047 min
Delta R.T.: 0.000 min
Response: 5653948
Conc: 512.20 ng/ml