

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102921\
 Data File : PO082330.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 29 Oct 2021 10:42
 Operator : AJ\MA
 Sample : AR1268ICV500
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 29 15:22:36 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...	4.977	3.972	4548299	1661788	56.289	56.323
2)	SA Decachlor...	11.095	9.295	5694656	2548009	102.460	100.039
Target Compounds							
3)	L1 AR-1016-1	0.000	5.234	0	5327	N.D.	4.394 #
4)	L1 AR-1016-2	0.000	5.253	0	10138	N.D.	6.128 #
5)	L1 AR-1016-3	0.000	5.439	0	2405	N.D.	2.702 #
6)	L1 AR-1016-4	0.000	5.498	0	6061	N.D.	8.343 #
7)	L1 AR-1016-5	0.000	5.726	0	9821	N.D.	11.022 #
8)	L2 AR-1221-1	5.216f	0.000	24696	0	28.577	N.D. #
9)	L2 AR-1221-2	5.333	4.324	59466	21142	92.537	75.491
10)	L2 AR-1221-3	0.000	4.417	0	16815	N.D.	19.943 #
11)	L3 AR-1232-1	0.000	4.417	0	16815	N.D.	25.549 #
12)	L3 AR-1232-2	0.000	5.253	0	10138	N.D.	14.190 #
13)	L3 AR-1232-3	0.000	5.439	0	2405	N.D.	6.344 #
14)	L3 AR-1232-4	0.000	5.547	0	1613	N.D.	4.597 #
15)	L3 AR-1232-5	0.000	5.726	0	9821	N.D.	25.864 #
16)	L4 AR-1242-1	0.000	5.234	0	5327	N.D.	5.819 #
17)	L4 AR-1242-2	0.000	5.253	0	10138	N.D.	8.262 #
18)	L4 AR-1242-3	0.000	5.439	0	2405	N.D.	3.574 #
19)	L4 AR-1242-4	0.000	5.547	0	1613	N.D.	2.403 #
20)	L4 AR-1242-5	7.300	6.107	28043	14439	22.049	16.804
21)	L5 AR-1248-1	0.000	5.234	0	5327	N.D.	7.292 #
22)	L5 AR-1248-2	0.000	5.498	0	6061	N.D.	6.303 #
23)	L5 AR-1248-3	0.000	5.547	0	1613	N.D.	1.637 #
24)	L5 AR-1248-4	7.259	5.726	22974	9821	9.738	8.544
25)	L5 AR-1248-5	7.300	6.151	28043	13344	12.584	12.283
26)	L6 AR-1254-1	7.233	6.107	35564	14439	14.850	8.670 #
27)	L6 AR-1254-2	7.465	0.000	20722	0	5.681	N.D. #
28)	L6 AR-1254-3	0.000	6.688	0	668	N.D.	0.298 #
29)	L6 AR-1254-4	8.141	6.928	15016	8382	5.572	5.707
30)	L6 AR-1254-5	8.574	0.000	6933	0	2.380	N.D. #
32)	L7 AR-1260-2	8.282	7.028	31582	20105	9.493	10.023
33)	L7 AR-1260-3	8.647	7.185	795355	39612	352.872	20.909 #
34)	L7 AR-1260-4	8.897	7.665	1045281	666373	394.841	486.172
35)	L7 AR-1260-5	9.214	7.914	425480	268111	77.663	81.143
36)	L8 AR-1262-1	8.647	0.000	795355	0	232.511	N.D. #
37)	L8 AR-1262-2	9.214	7.914	425480	268111	67.756	75.047
38)	L8 AR-1262-3	9.533	8.203	4352226	2551830	1582.501	1695.349
39)	L8 AR-1262-4	9.632	8.268	3975578	2263382	2374.404	850.406 #
40)	L8 AR-1262-5	10.318	8.766	1483359	802331	650.929	635.187
41)	L9 AR-1268-1	9.533	8.203	4352226	2551830	512.698	510.974
42)	L9 AR-1268-2	9.632	8.268	3975578	2263382	511.387	505.523

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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	9.863	8.477	3469169	1930361	511.296	507.091
44) L9	AR-1268-4	10.318	8.766	1483359	802331	513.119	512.351
45) L9	AR-1268-5	10.746	9.048	11667145	5616591	508.880	508.814

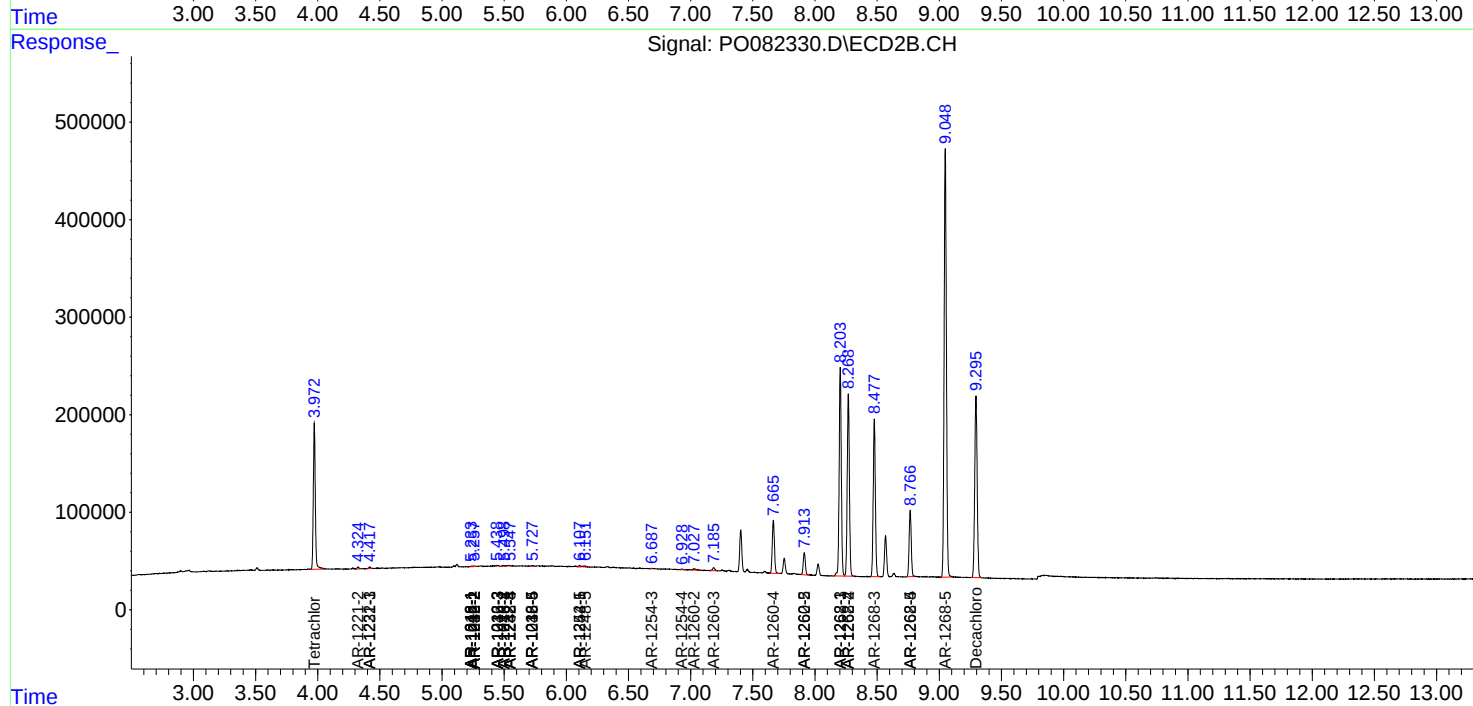
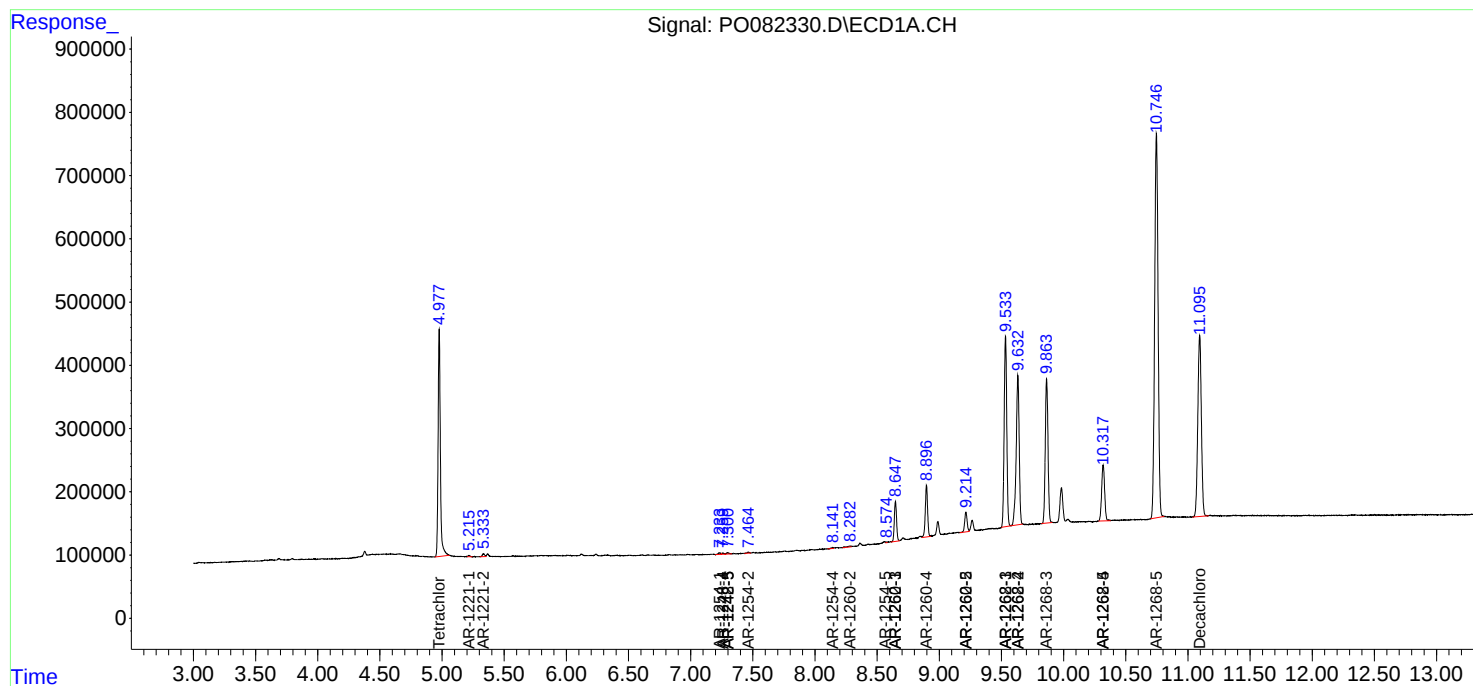
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

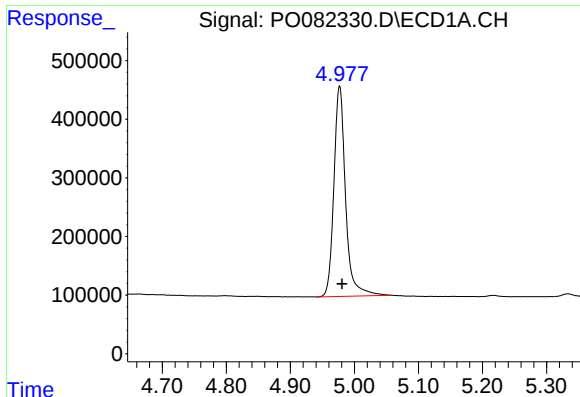
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102921\
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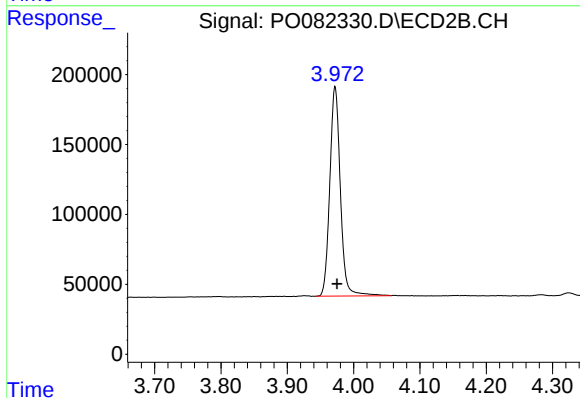




#1 Tetrachloro-m-xylene

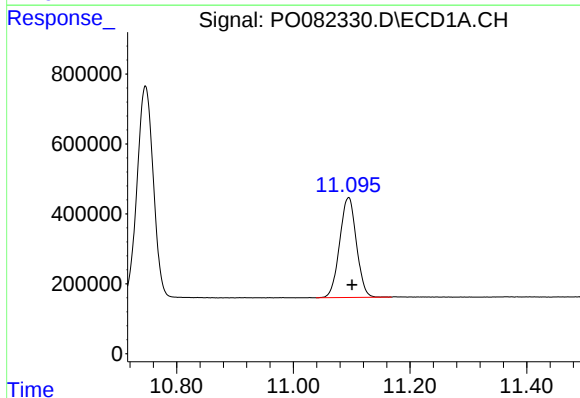
R.T.: 4.977 min
Delta R.T.: -0.004 min
Response: 4548299
Conc: 56.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



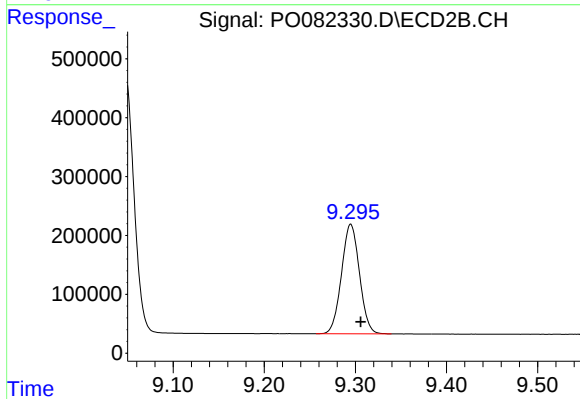
#1 Tetrachloro-m-xylene

R.T.: 3.972 min
Delta R.T.: -0.003 min
Response: 1661788
Conc: 56.32 ng/ml



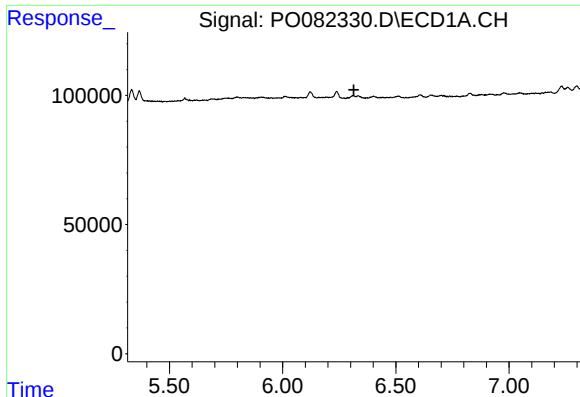
#2 Decachlorobiphenyl

R.T.: 11.095 min
Delta R.T.: -0.006 min
Response: 5694656
Conc: 102.46 ng/ml



#2 Decachlorobiphenyl

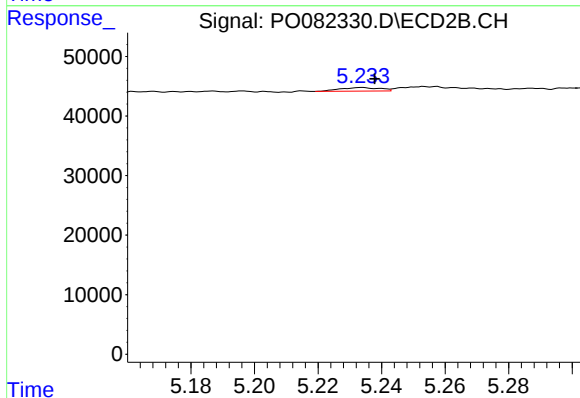
R.T.: 9.295 min
Delta R.T.: -0.011 min
Response: 2548009
Conc: 100.04 ng/ml



#3 AR-1016-1

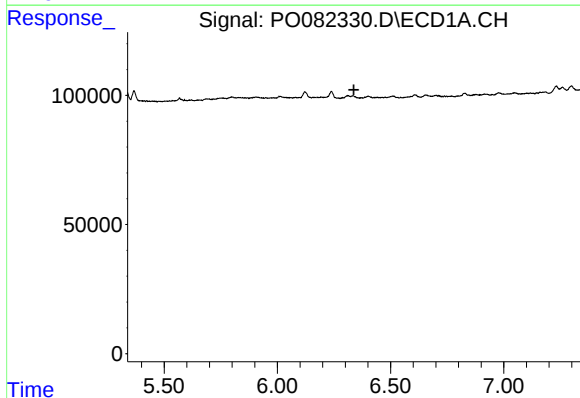
R.T.: 0.000 min
Exp R.T.: 6.315 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



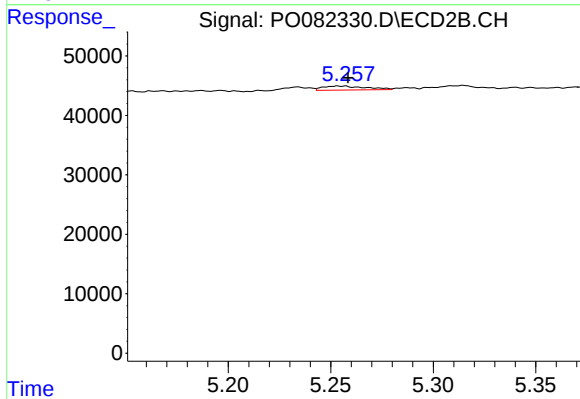
#3 AR-1016-1

R.T.: 5.234 min
Delta R.T.: -0.004 min
Response: 5327
Conc: 4.39 ng/ml



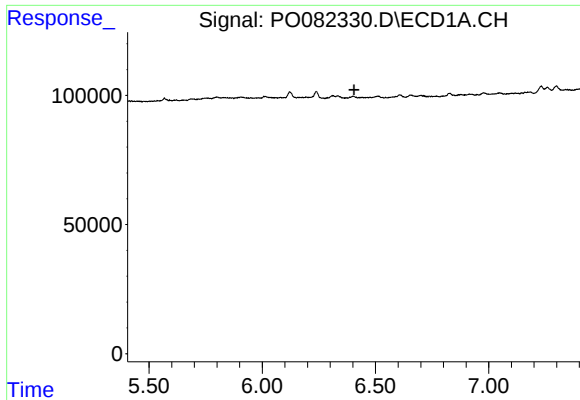
#4 AR-1016-2

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



#4 AR-1016-2

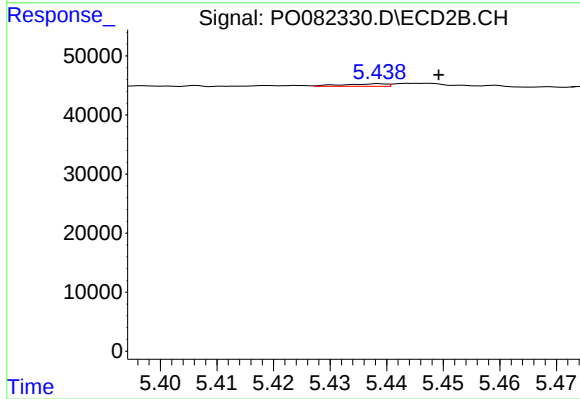
R.T.: 5.253 min
Delta R.T.: -0.005 min
Response: 10138
Conc: 6.13 ng/ml



#5 AR-1016-3

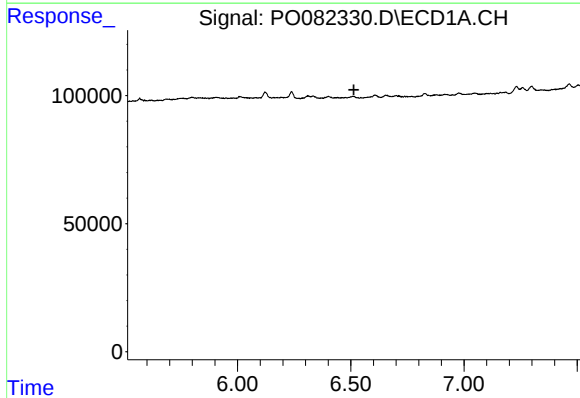
R.T.: 0.000 min
Exp R.T.: 6.405 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



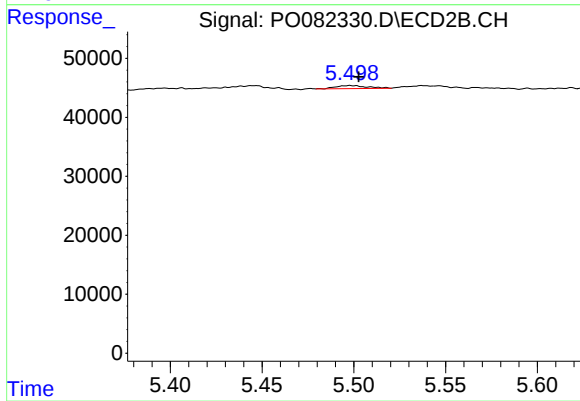
#5 AR-1016-3

R.T.: 5.439 min
Delta R.T.: -0.011 min
Response: 2405
Conc: 2.70 ng/ml



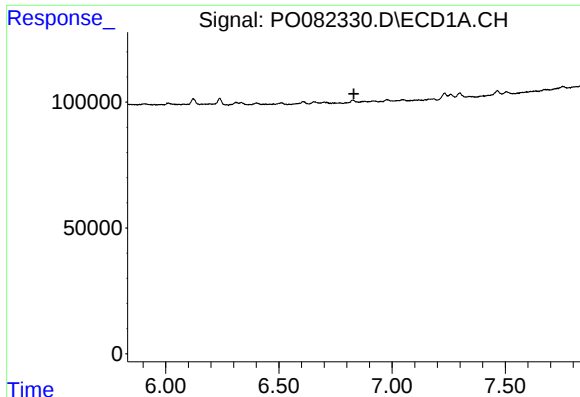
#6 AR-1016-4

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



#6 AR-1016-4

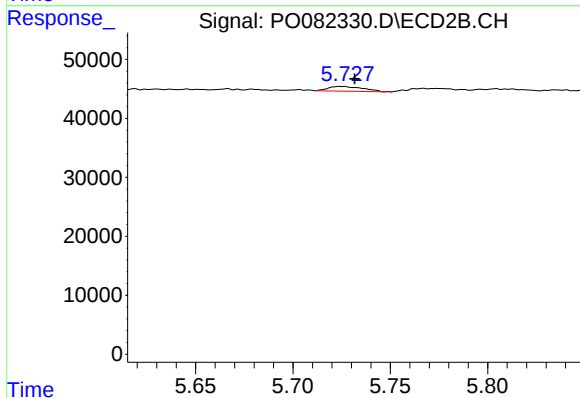
R.T.: 5.498 min
Delta R.T.: -0.005 min
Response: 6061
Conc: 8.34 ng/ml



#7 AR-1016-5

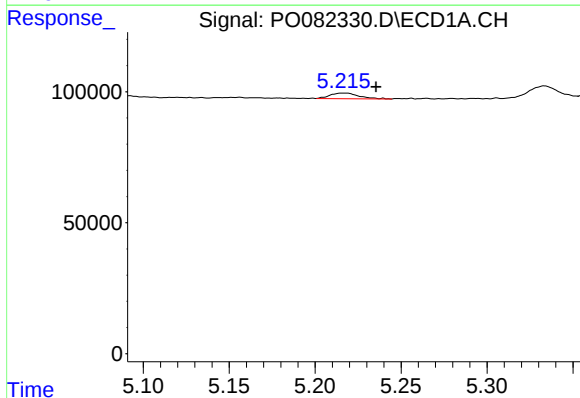
R.T.: 0.000 min
Exp R.T.: 6.831 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



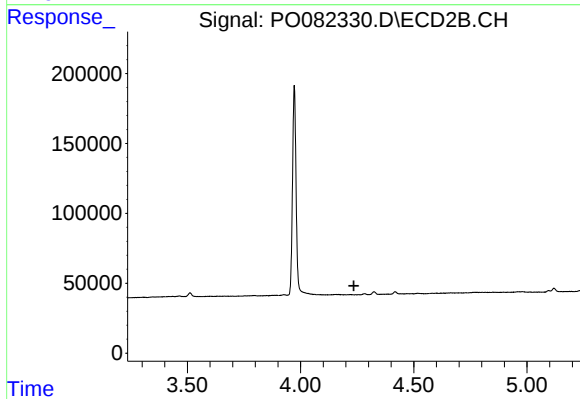
#7 AR-1016-5

R.T.: 5.726 min
Delta R.T.: -0.005 min
Response: 9821
Conc: 11.02 ng/ml



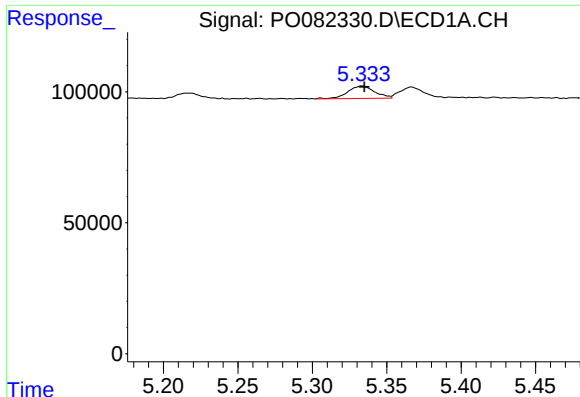
#8 AR-1221-1

R.T.: 5.216 min
Delta R.T.: -0.020 min
Response: 24696
Conc: 28.58 ng/ml



#8 AR-1221-1

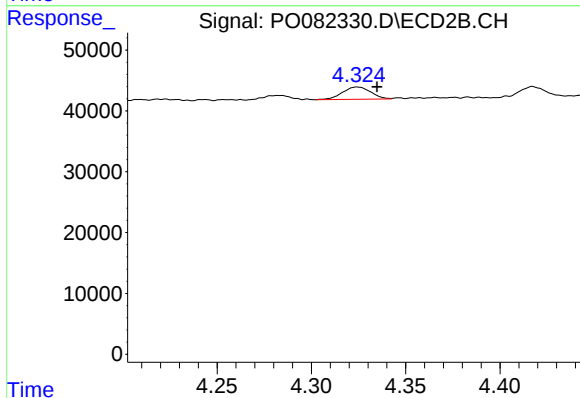
R.T.: 0.000 min
Exp R.T.: 4.236 min
Response: 0
Conc: N.D.



#9 AR-1221-2

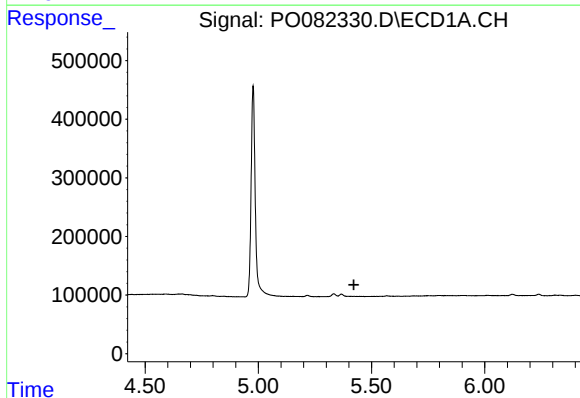
R.T.: 5.333 min
Delta R.T.: -0.002 min
Response: 59466
Conc: 92.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



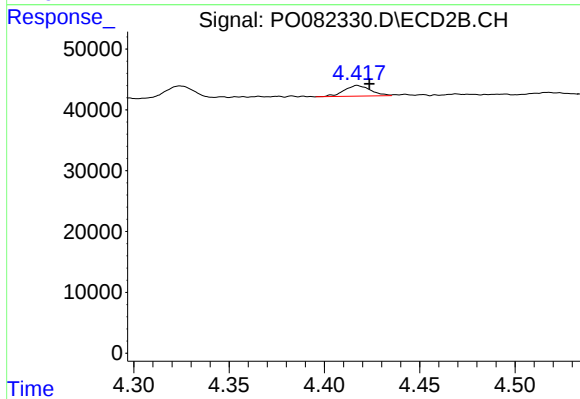
#9 AR-1221-2

R.T.: 4.324 min
Delta R.T.: -0.011 min
Response: 21142
Conc: 75.49 ng/ml



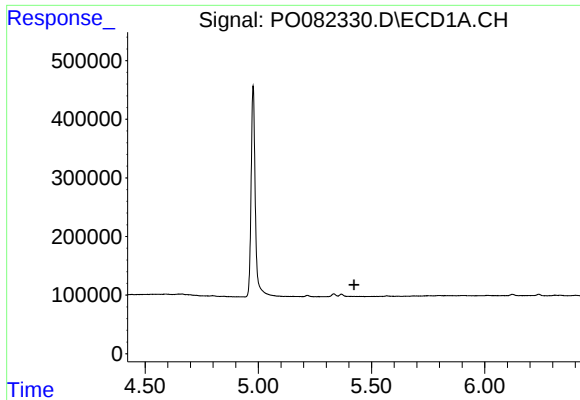
#10 AR-1221-3

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



#10 AR-1221-3

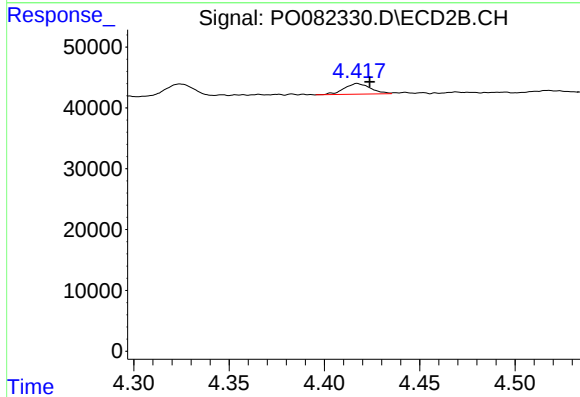
R.T.: 4.417 min
Delta R.T.: -0.006 min
Response: 16815
Conc: 19.94 ng/ml



#11 AR-1232-1

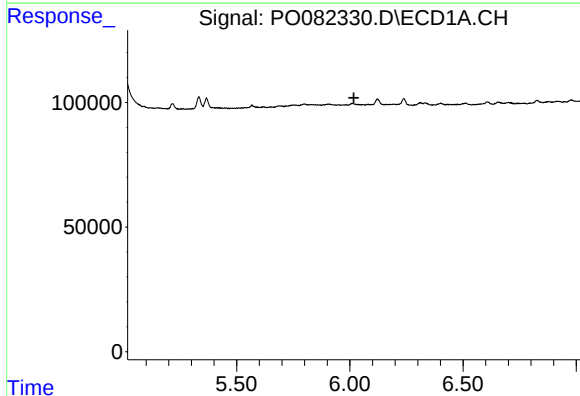
R.T.: 0.000 min
Exp R.T. : 5.422 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



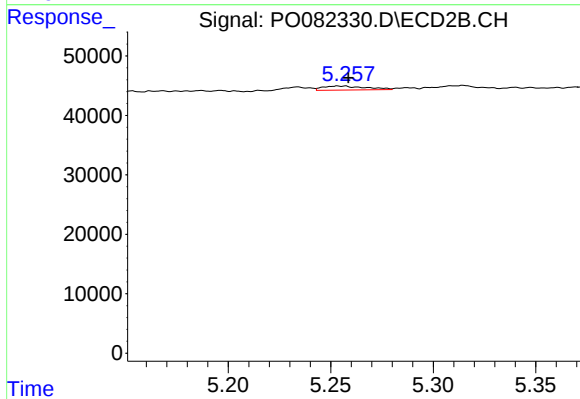
#11 AR-1232-1

R.T.: 4.417 min
Delta R.T.: -0.007 min
Response: 16815
Conc: 25.55 ng/ml



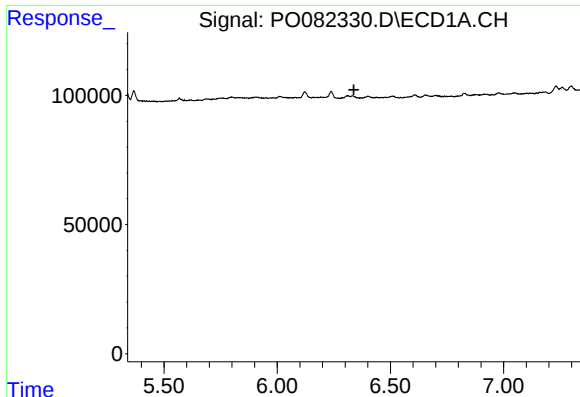
#12 AR-1232-2

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



#12 AR-1232-2

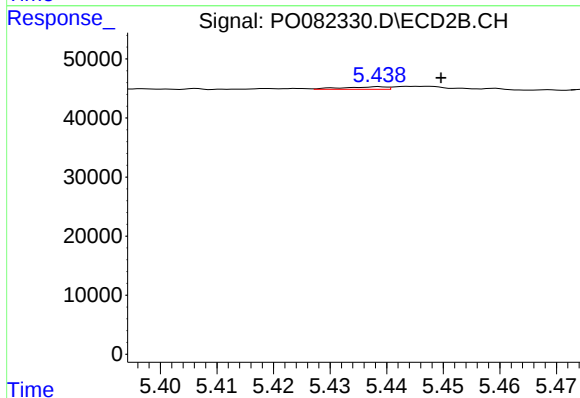
R.T.: 5.253 min
Delta R.T.: -0.005 min
Response: 10138
Conc: 14.19 ng/ml



#13 AR-1232-3

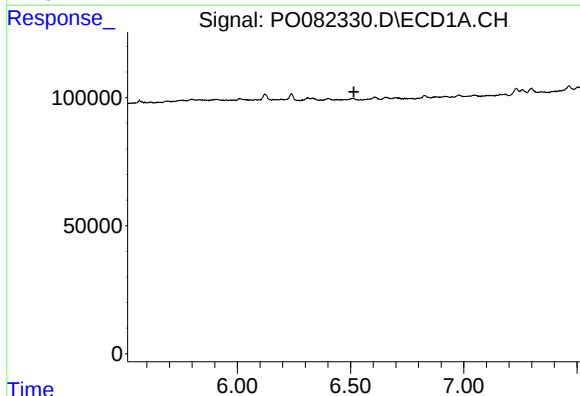
R.T.: 0.000 min
Exp R.T. : 6.339 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



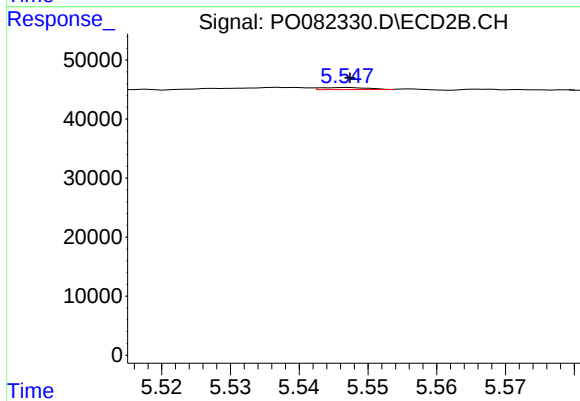
#13 AR-1232-3

R.T.: 5.439 min
Delta R.T.: -0.011 min
Response: 2405
Conc: 6.34 ng/ml



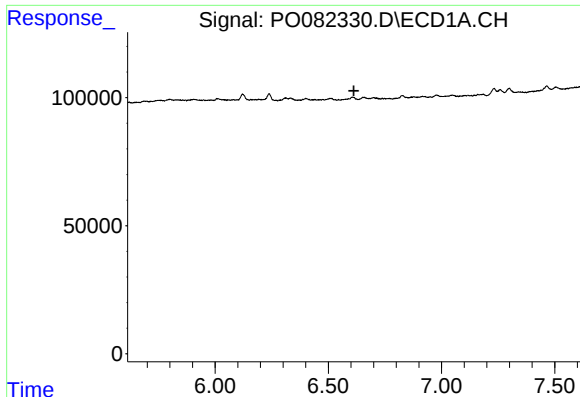
#14 AR-1232-4

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



#14 AR-1232-4

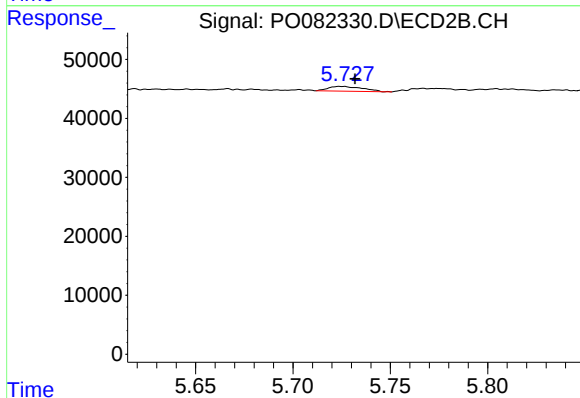
R.T.: 5.547 min
Delta R.T.: 0.000 min
Response: 1613
Conc: 4.60 ng/ml



#15 AR-1232-5

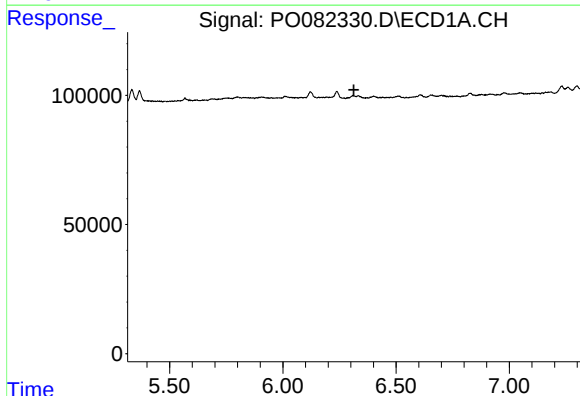
R.T.: 0.000 min
Exp R.T.: 6.613 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



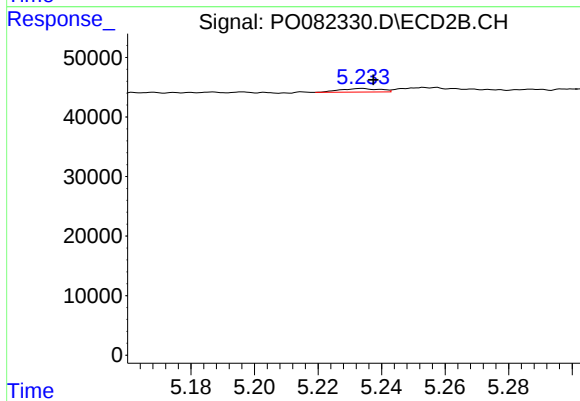
#15 AR-1232-5

R.T.: 5.726 min
Delta R.T.: -0.005 min
Response: 9821
Conc: 25.86 ng/ml



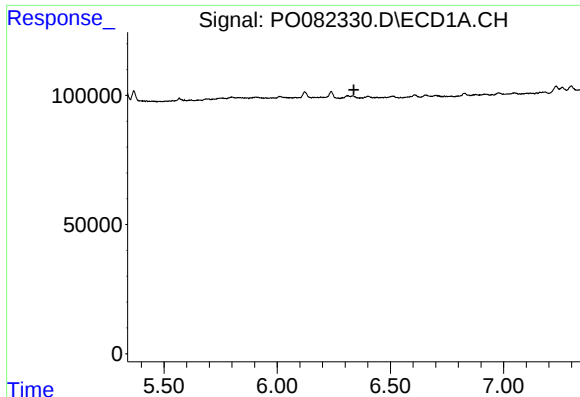
#16 AR-1242-1

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



#16 AR-1242-1

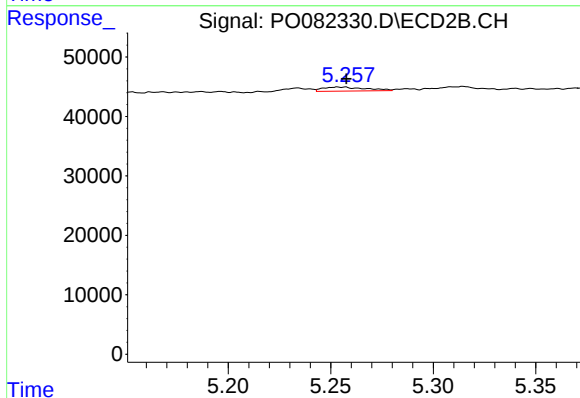
R.T.: 5.234 min
Delta R.T.: -0.003 min
Response: 5327
Conc: 5.82 ng/ml



#17 AR-1242-2

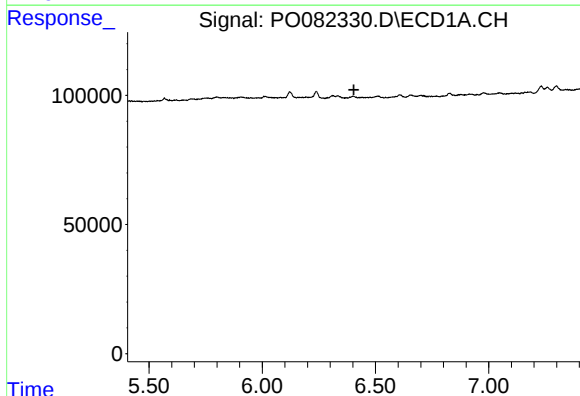
R.T.: 0.000 min
Exp R.T.: 6.339 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



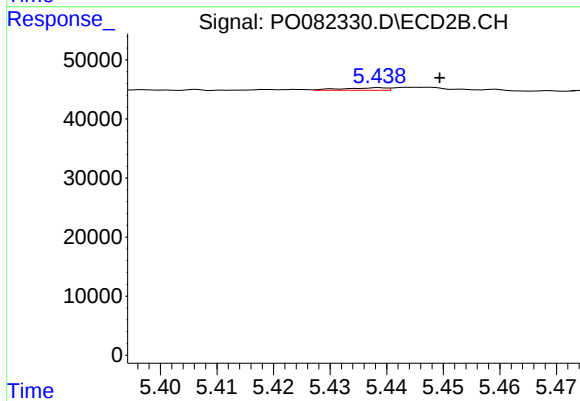
#17 AR-1242-2

R.T.: 5.253 min
Delta R.T.: -0.004 min
Response: 10138
Conc: 8.26 ng/ml



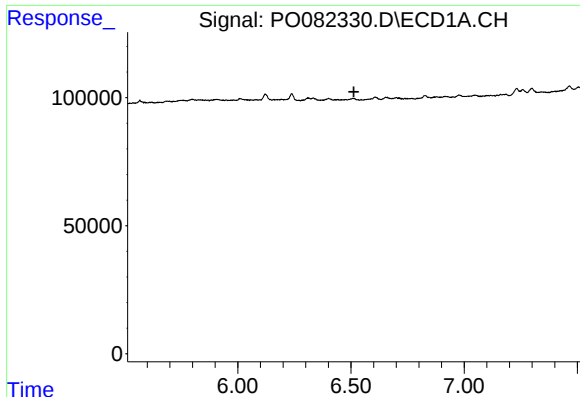
#18 AR-1242-3

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



#18 AR-1242-3

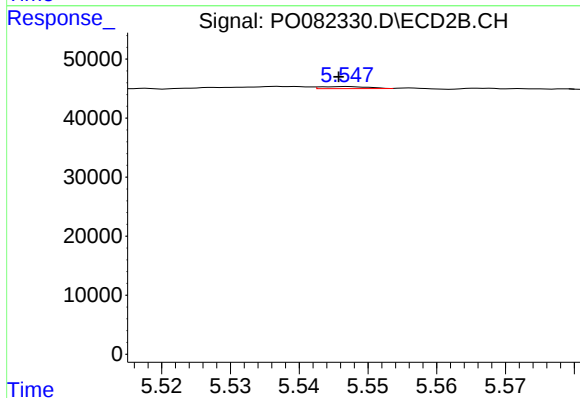
R.T.: 5.439 min
Delta R.T.: -0.011 min
Response: 2405
Conc: 3.57 ng/ml



#19 AR-1242-4

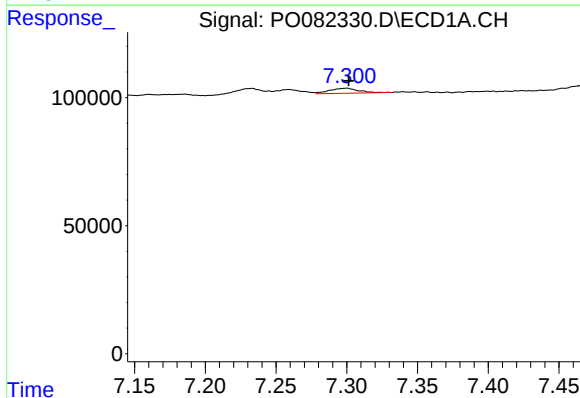
R.T.: 0.000 min
Exp R.T.: 6.513 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



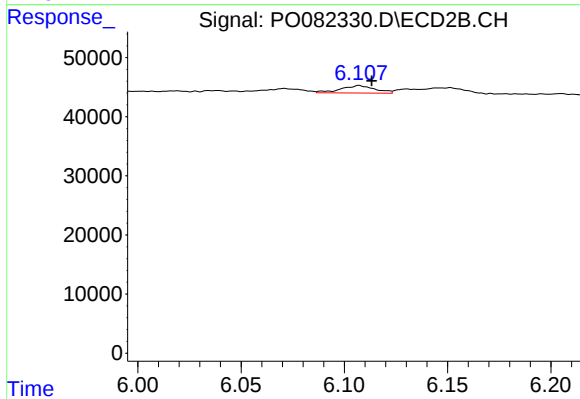
#19 AR-1242-4

R.T.: 5.547 min
Delta R.T.: 0.001 min
Response: 1613
Conc: 2.40 ng/ml



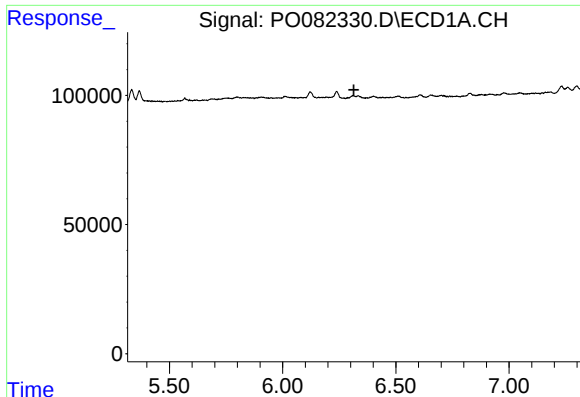
#20 AR-1242-5

R.T.: 7.300 min
Delta R.T.: -0.001 min
Response: 28043
Conc: 22.05 ng/ml



#20 AR-1242-5

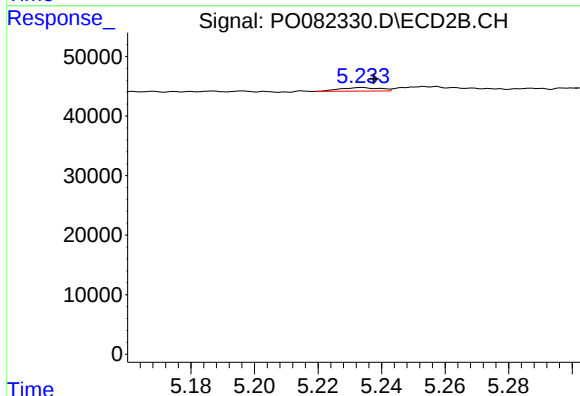
R.T.: 6.107 min
Delta R.T.: -0.006 min
Response: 14439
Conc: 16.80 ng/ml



#21 AR-1248-1

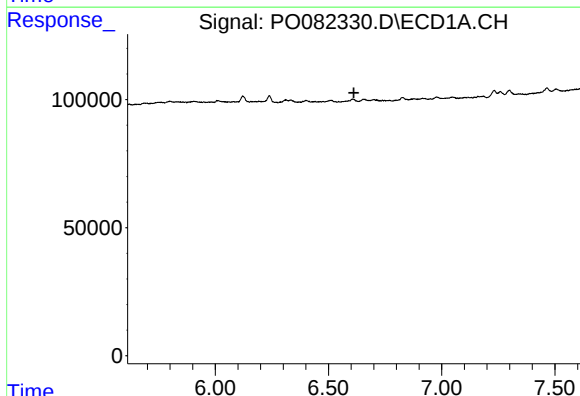
R.T.: 0.000 min
Exp R.T.: 6.315 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



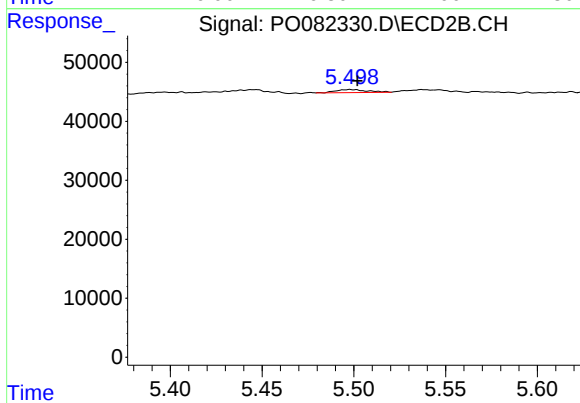
#21 AR-1248-1

R.T.: 5.234 min
Delta R.T.: -0.004 min
Response: 5327
Conc: 7.29 ng/ml



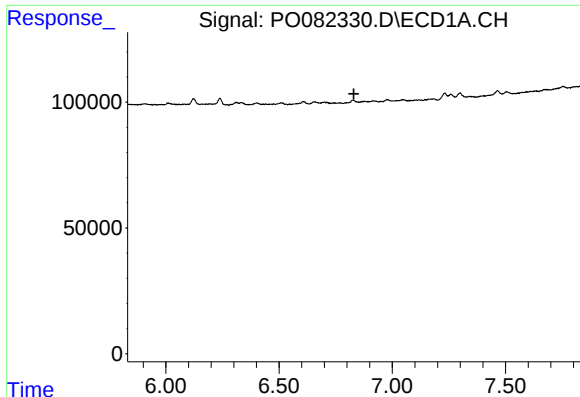
#22 AR-1248-2

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



#22 AR-1248-2

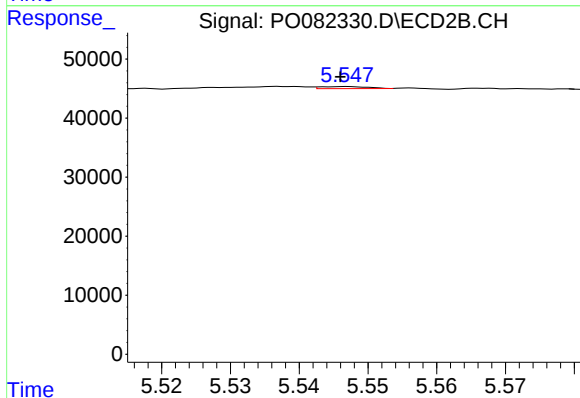
R.T.: 5.498 min
Delta R.T.: -0.004 min
Response: 6061
Conc: 6.30 ng/ml



#23 AR-1248-3

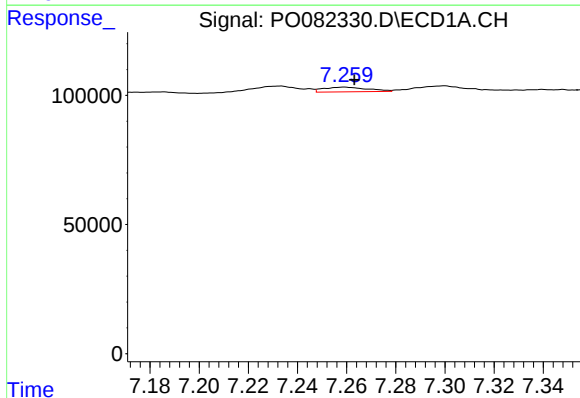
R.T.: 0.000 min
Exp R.T.: 6.831 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



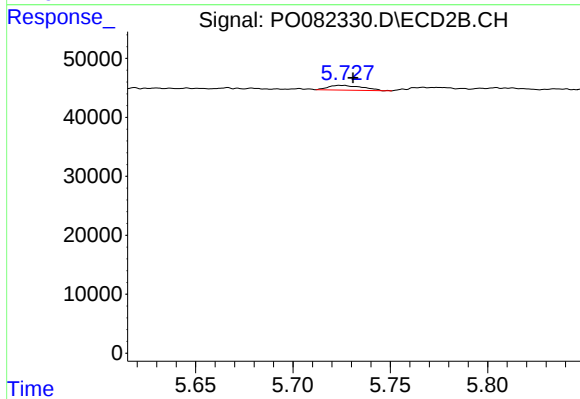
#23 AR-1248-3

R.T.: 5.547 min
Delta R.T.: 0.000 min
Response: 1613
Conc: 1.64 ng/ml



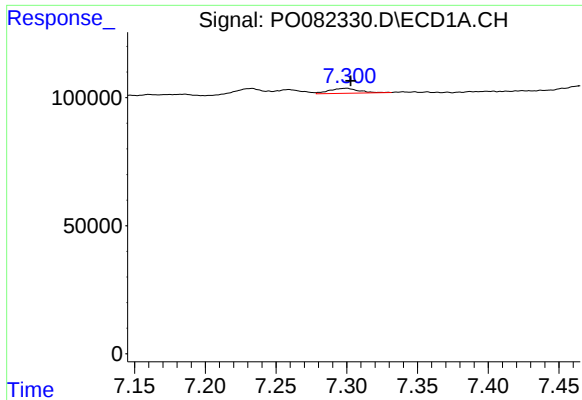
#24 AR-1248-4

R.T.: 7.259 min
Delta R.T.: -0.004 min
Response: 22974
Conc: 9.74 ng/ml



#24 AR-1248-4

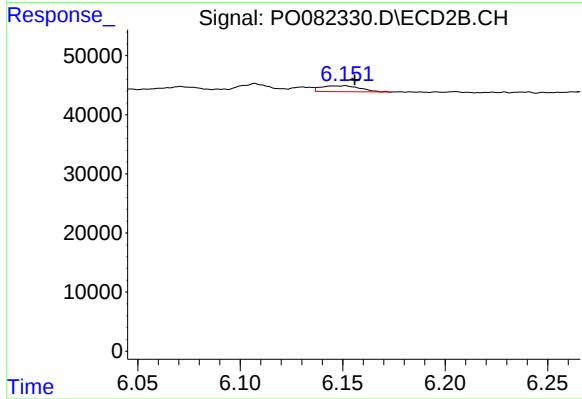
R.T.: 5.726 min
Delta R.T.: -0.004 min
Response: 9821
Conc: 8.54 ng/ml



#25 AR-1248-5

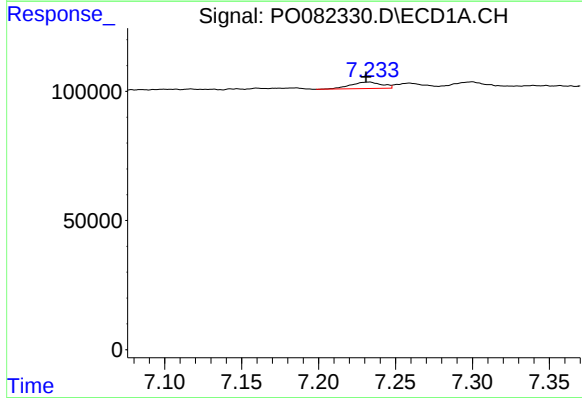
R.T.: 7.300 min
Delta R.T.: -0.003 min
Response: 28043
Conc: 12.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



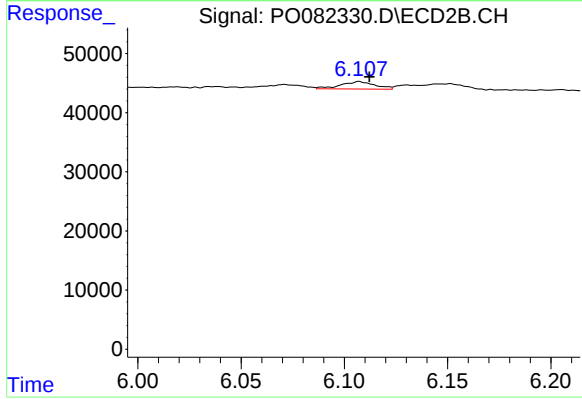
#25 AR-1248-5

R.T.: 6.151 min
Delta R.T.: -0.005 min
Response: 13344
Conc: 12.28 ng/ml



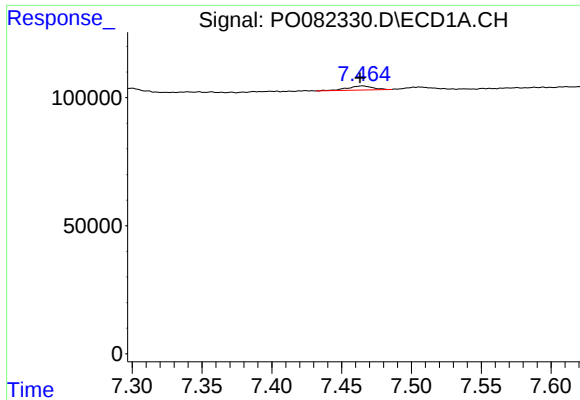
#26 AR-1254-1

R.T.: 7.233 min
Delta R.T.: 0.002 min
Response: 35564
Conc: 14.85 ng/ml



#26 AR-1254-1

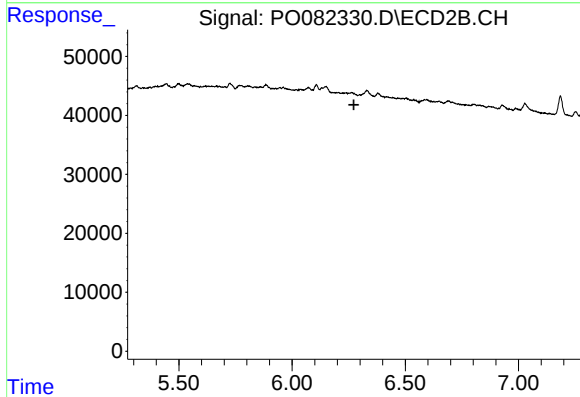
R.T.: 6.107 min
Delta R.T.: -0.005 min
Response: 14439
Conc: 8.67 ng/ml



#27 AR-1254-2

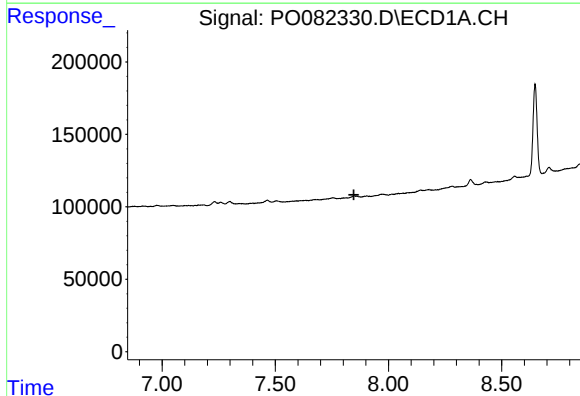
R.T.: 7.465 min
Delta R.T.: 0.002 min
Response: 20722
Conc: 5.68 ng/ml

Instrument :
ECD_O
ClientSampleId :



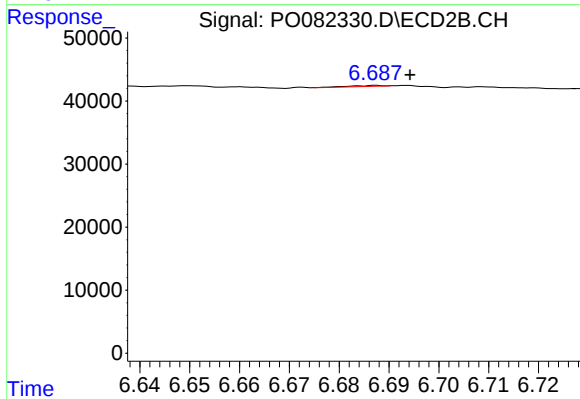
#27 AR-1254-2

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



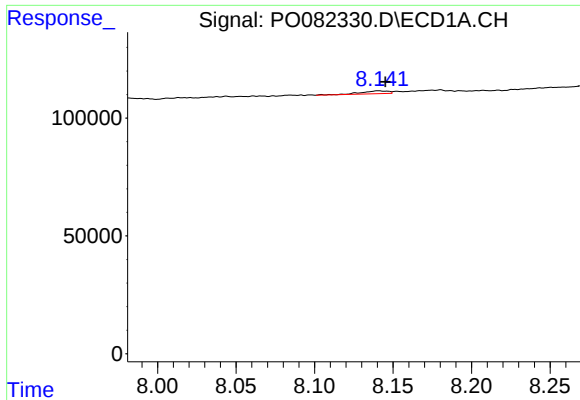
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T. : 7.847 min
Response: 0
Conc: N.D.



#28 AR-1254-3

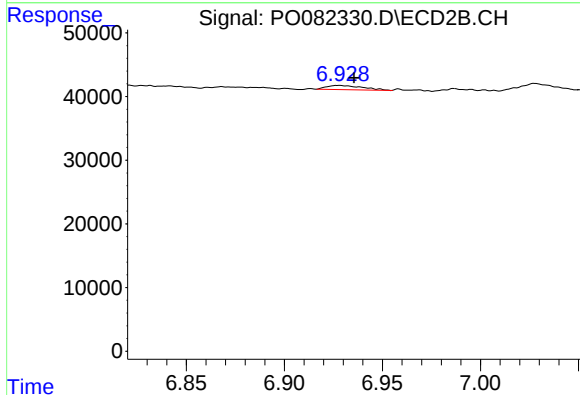
R.T.: 6.688 min
Delta R.T.: -0.007 min
Response: 668
Conc: 0.30 ng/ml



#29 AR-1254-4

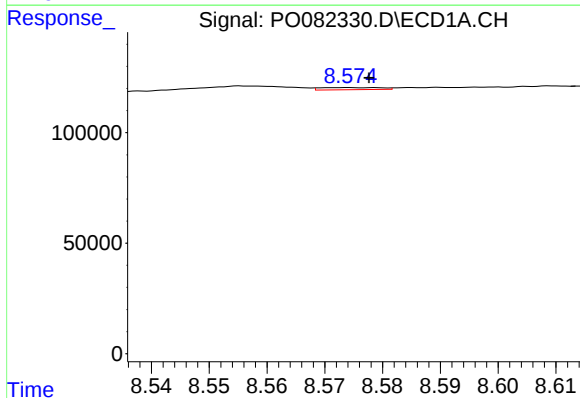
R.T.: 8.141 min
Delta R.T.: -0.004 min
Response: 15016
Conc: 5.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



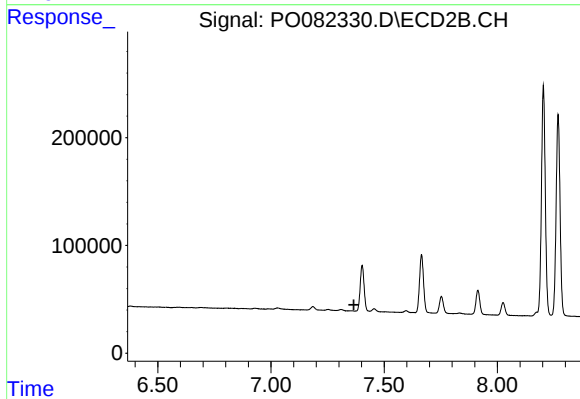
#29 AR-1254-4

R.T.: 6.928 min
Delta R.T.: -0.008 min
Response: 8382
Conc: 5.71 ng/ml



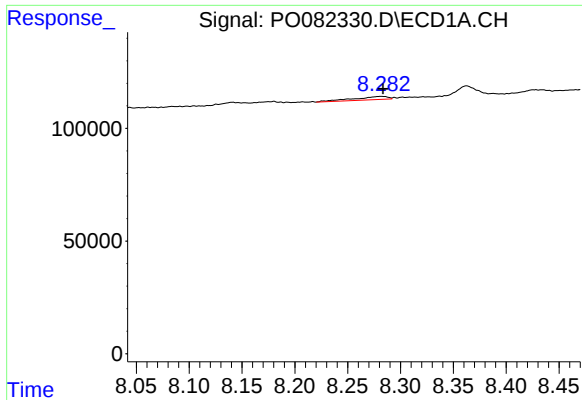
#30 AR-1254-5

R.T.: 8.574 min
Delta R.T.: -0.004 min
Response: 6933
Conc: 2.38 ng/ml



#30 AR-1254-5

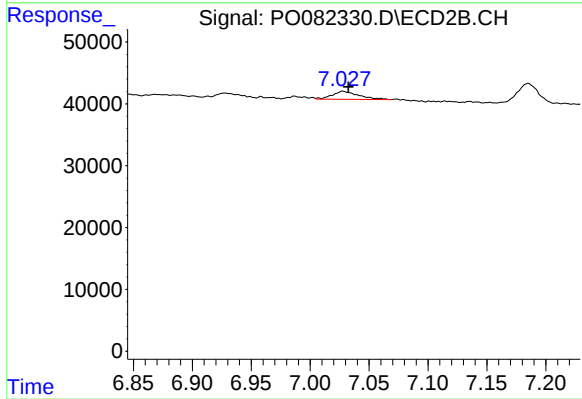
R.T.: 0.000 min
Exp R.T. : 7.366 min
Response: 0
Conc: N.D.



#32 AR-1260-2

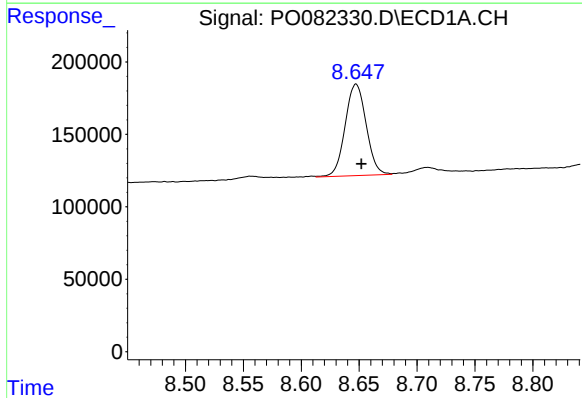
R.T.: 8.282 min
Delta R.T.: -0.002 min
Response: 31582
Conc: 9.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



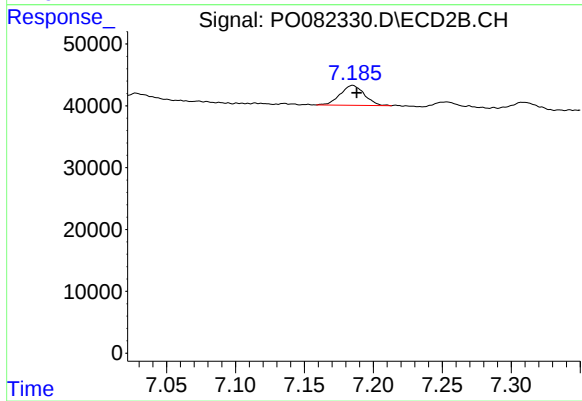
#32 AR-1260-2

R.T.: 7.028 min
Delta R.T.: -0.005 min
Response: 20105
Conc: 10.02 ng/ml



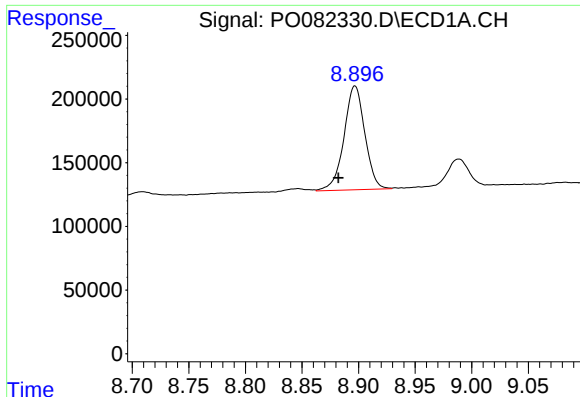
#33 AR-1260-3

R.T.: 8.647 min
Delta R.T.: -0.005 min
Response: 795355
Conc: 352.87 ng/ml



#33 AR-1260-3

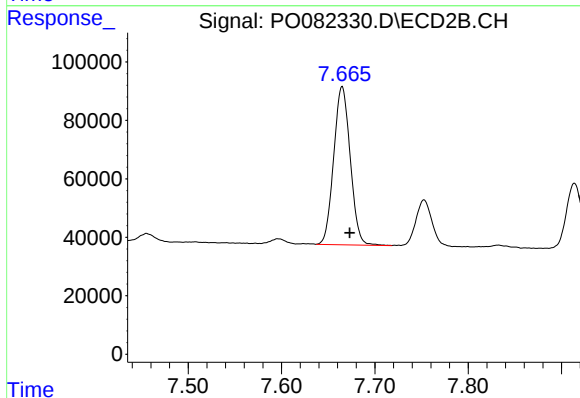
R.T.: 7.185 min
Delta R.T.: -0.003 min
Response: 39612
Conc: 20.91 ng/ml



#34 AR-1260-4

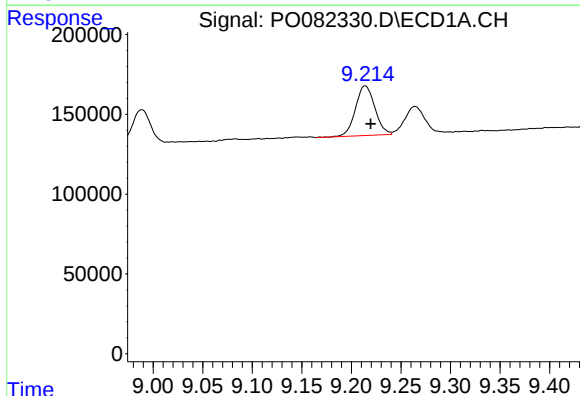
R.T.: 8.897 min
Delta R.T.: 0.015 min
Response: 1045281
Conc: 394.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



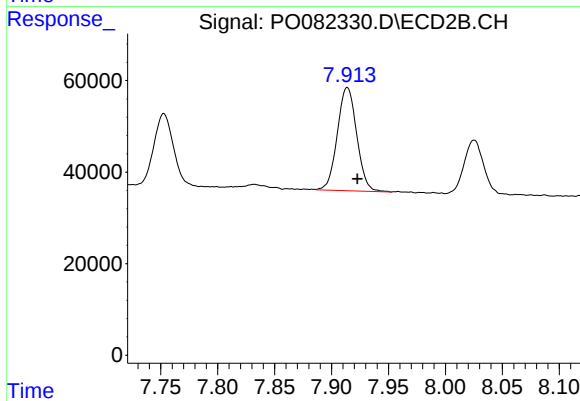
#34 AR-1260-4

R.T.: 7.665 min
Delta R.T.: -0.008 min
Response: 666373
Conc: 486.17 ng/ml



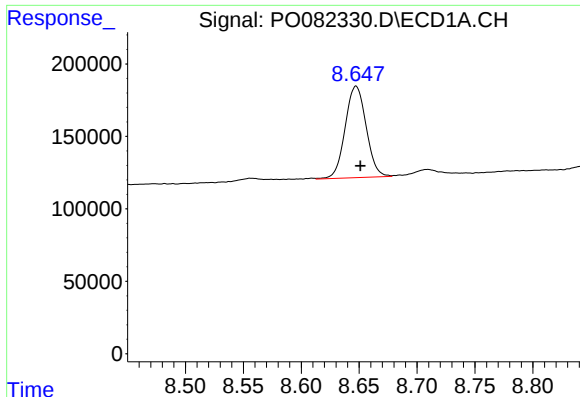
#35 AR-1260-5

R.T.: 9.214 min
Delta R.T.: -0.006 min
Response: 425480
Conc: 77.66 ng/ml



#35 AR-1260-5

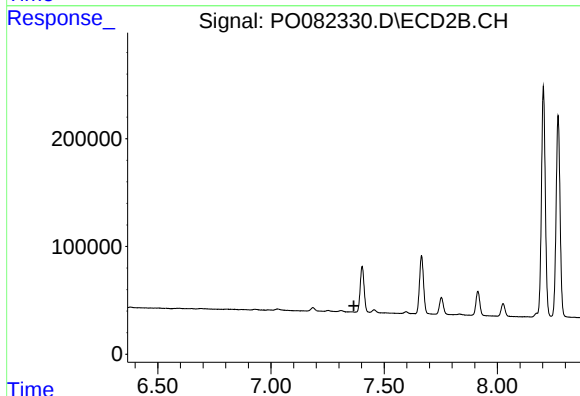
R.T.: 7.914 min
Delta R.T.: -0.009 min
Response: 268111
Conc: 81.14 ng/ml



#36 AR-1262-1

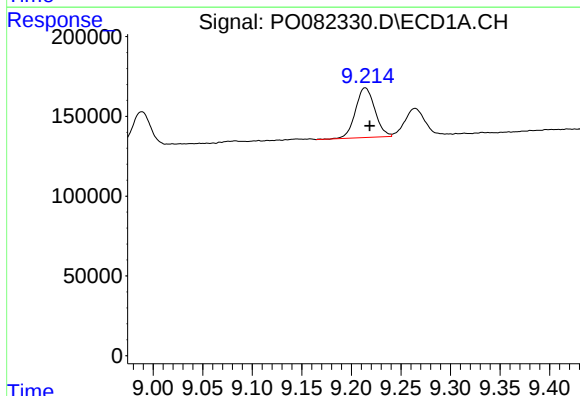
R.T.: 8.647 min
Delta R.T.: -0.004 min
Response: 795355
Conc: 232.51 ng/ml

Instrument :
ECD_O
ClientSampleId :



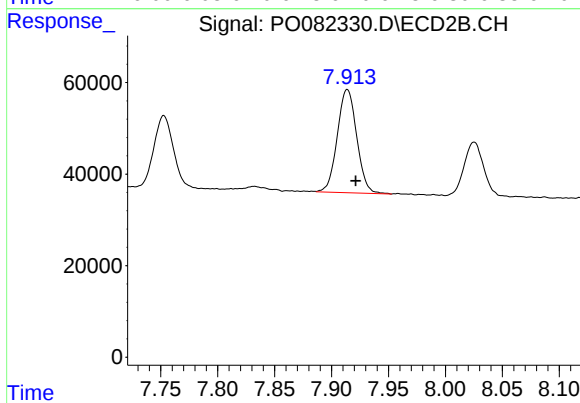
#36 AR-1262-1

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



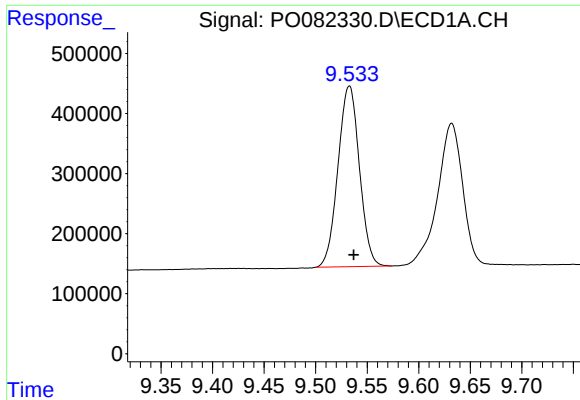
#37 AR-1262-2

R.T.: 9.214 min
Delta R.T.: -0.005 min
Response: 425480
Conc: 67.76 ng/ml



#37 AR-1262-2

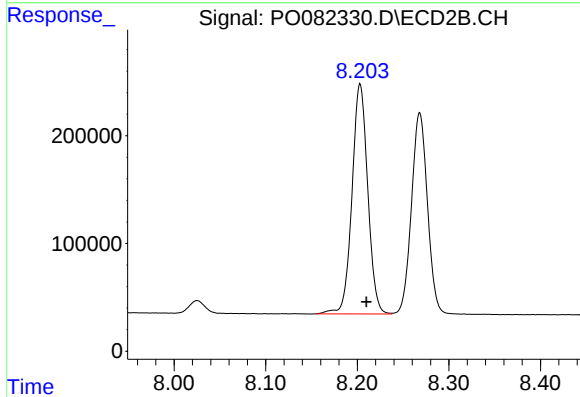
R.T.: 7.914 min
Delta R.T.: -0.007 min
Response: 268111
Conc: 75.05 ng/ml



#38 AR-1262-3

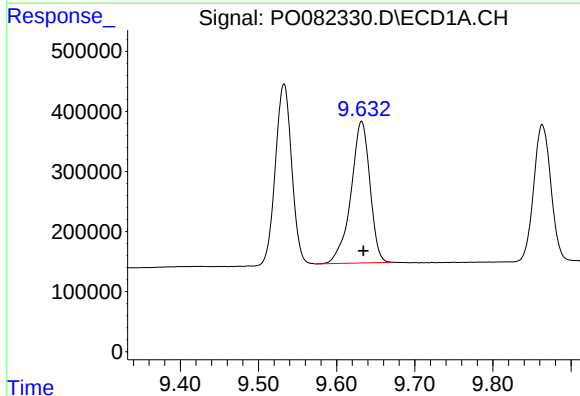
R.T.: 9.533 min
Delta R.T.: -0.004 min
Response: 4352226
Conc: 1582.50 ng/ml

Instrument :
ECD_O
ClientSampleId :



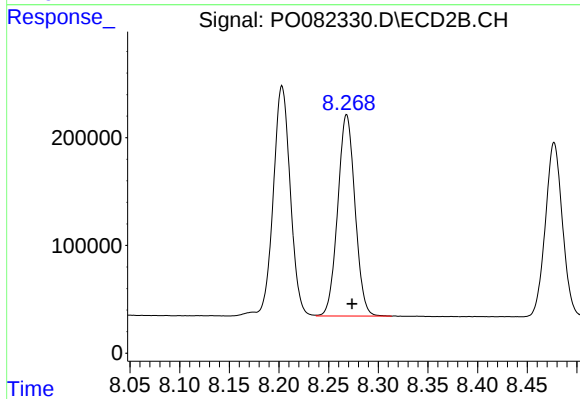
#38 AR-1262-3

R.T.: 8.203 min
Delta R.T.: -0.007 min
Response: 2551830
Conc: 1695.35 ng/ml



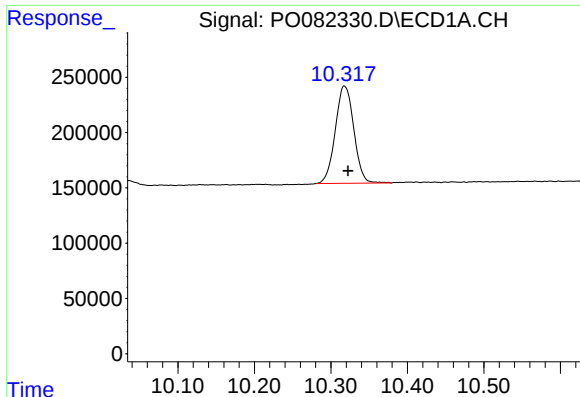
#39 AR-1262-4

R.T.: 9.632 min
Delta R.T.: -0.002 min
Response: 3975578
Conc: 2374.40 ng/ml



#39 AR-1262-4

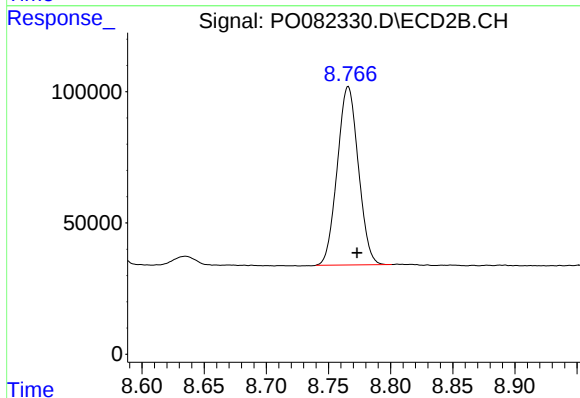
R.T.: 8.268 min
Delta R.T.: -0.005 min
Response: 2263382
Conc: 850.41 ng/ml



#40 AR-1262-5

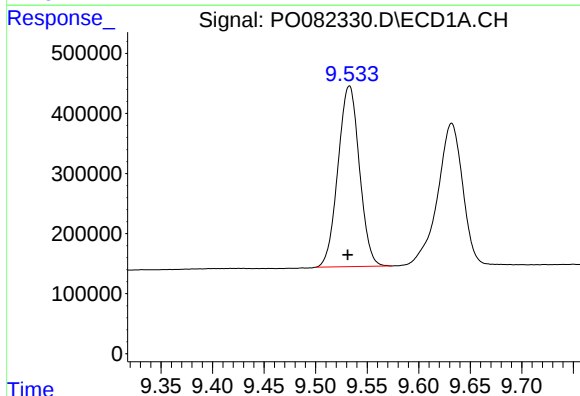
R.T.: 10.318 min
Delta R.T.: -0.005 min
Response: 1483359
Conc: 650.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



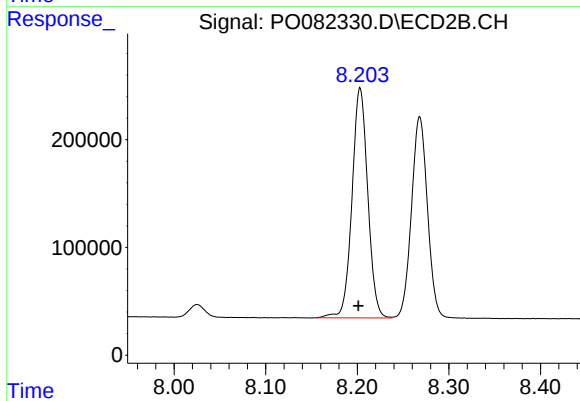
#40 AR-1262-5

R.T.: 8.766 min
Delta R.T.: -0.007 min
Response: 802331
Conc: 635.19 ng/ml



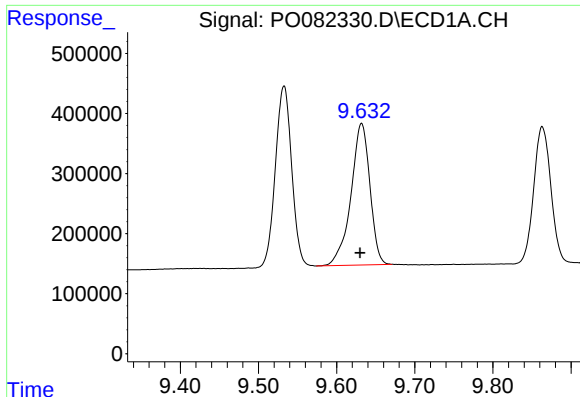
#41 AR-1268-1

R.T.: 9.533 min
Delta R.T.: 0.002 min
Response: 4352226
Conc: 512.70 ng/ml



#41 AR-1268-1

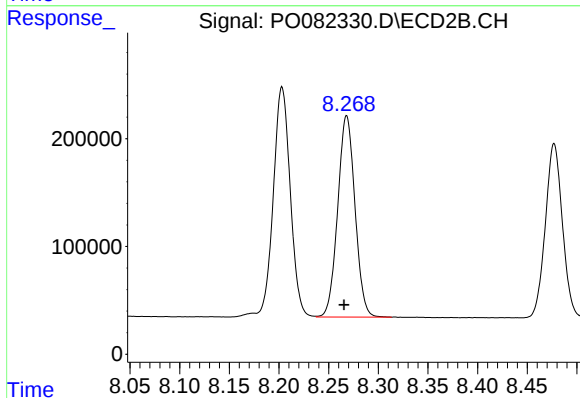
R.T.: 8.203 min
Delta R.T.: 0.002 min
Response: 2551830
Conc: 510.97 ng/ml



#42 AR-1268-2

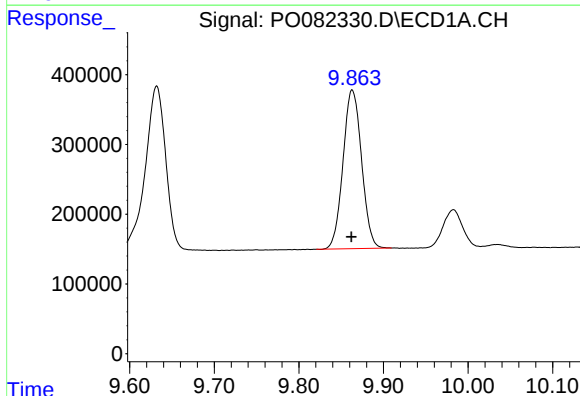
R.T.: 9.632 min
Delta R.T.: 0.002 min
Response: 3975578
Conc: 511.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



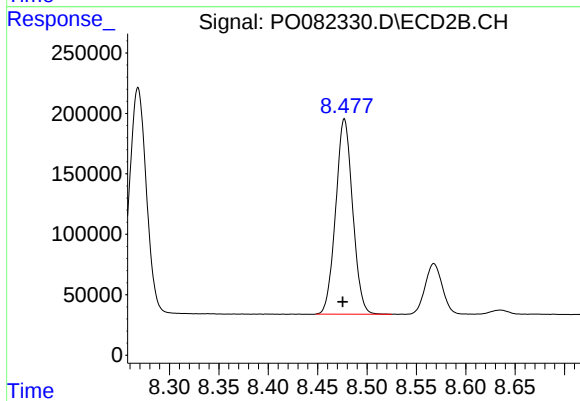
#42 AR-1268-2

R.T.: 8.268 min
Delta R.T.: 0.003 min
Response: 2263382
Conc: 505.52 ng/ml



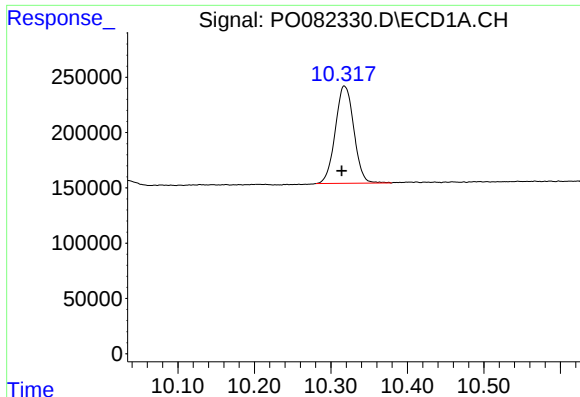
#43 AR-1268-3

R.T.: 9.863 min
Delta R.T.: 0.000 min
Response: 3469169
Conc: 511.30 ng/ml



#43 AR-1268-3

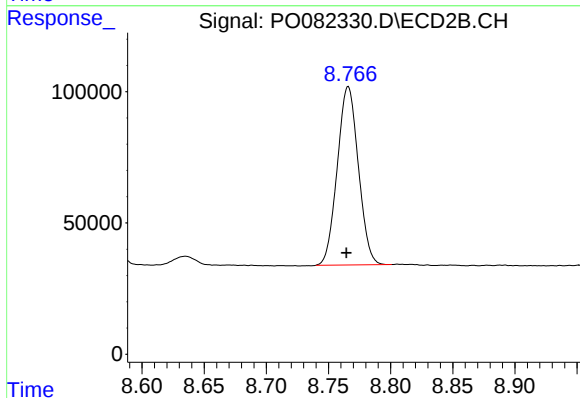
R.T.: 8.477 min
Delta R.T.: 0.002 min
Response: 1930361
Conc: 507.09 ng/ml



#44 AR-1268-4

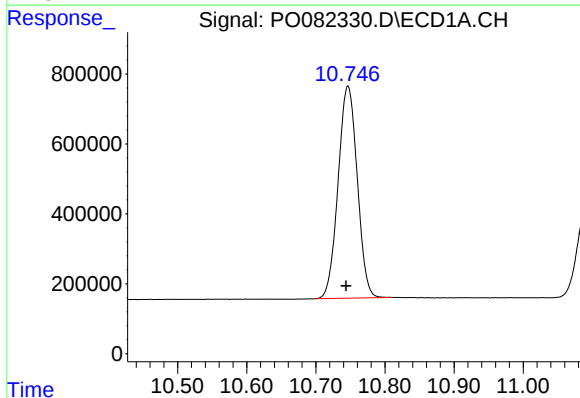
R.T.: 10.318 min
Delta R.T.: 0.003 min
Response: 1483359
Conc: 513.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



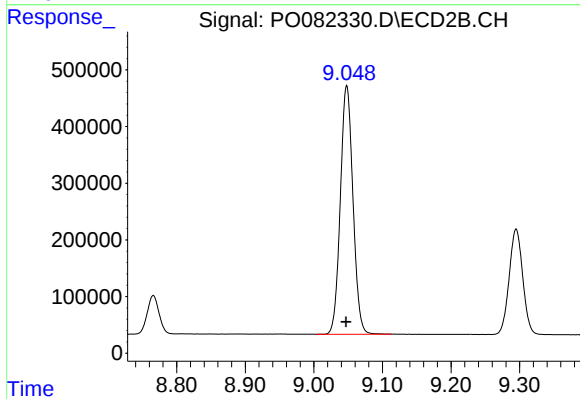
#44 AR-1268-4

R.T.: 8.766 min
Delta R.T.: 0.001 min
Response: 802331
Conc: 512.35 ng/ml



#45 AR-1268-5

R.T.: 10.746 min
Delta R.T.: 0.003 min
Response: 11667145
Conc: 508.88 ng/ml



#45 AR-1268-5

R.T.: 9.048 min
Delta R.T.: 0.000 min
Response: 5616591
Conc: 508.81 ng/ml