

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO100319\
 Data File : PO061672.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 04 Oct 2019 00:32
 Operator : HP/AJ
 Sample : K5134-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 04 01:40:09 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100119.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Oct 01 15:34:04 2019
 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...	4.379	3.538	1116131	854904	27.213	26.435
2)	SA Decachlor...	10.045	8.403	437237	324429	9.389	10.021
Target Compounds							
3)	L1 AR-1016-1	5.561	0.000	4332	0	2.362	N.D. #
4)	L1 AR-1016-2	5.561	0.000	4332	0	1.676	N.D. #
5)	L1 AR-1016-3	5.600	4.778	4866	4215	3.029	4.207 #
6)	L1 AR-1016-4	5.731	4.778	980	4215	0.733	4.864 #
7)	L1 AR-1016-5	6.022	4.976	4489	47736	3.274	41.821 #
8)	L2 AR-1221-1	4.598	0.000	22355	0	48.358	N.D. #
9)	L2 AR-1221-2	4.644	3.827	8491	12926	23.650	41.915 #
10)	L2 AR-1221-3	4.764	3.900	58274	35527	51.184	38.949
11)	L3 AR-1232-1	4.764	3.900	58274	35527	41.672	31.642
12)	L3 AR-1232-2	5.250	0.000	4195	0	5.347	N.D. #
13)	L3 AR-1232-3	5.561	4.772	4332	4061	2.535	6.150 #
14)	L3 AR-1232-4	5.698	4.879	31634	7041	35.754	11.170 #
15)	L3 AR-1232-5	5.789	4.976	1097	47736	1.582	69.570 #
16)	L4 AR-1242-1	5.561	0.000	4332	0	3.050	N.D. #
17)	L4 AR-1242-2	5.561	0.000	4332	0	2.155	N.D. #
18)	L4 AR-1242-3	5.600	4.778	4866	4215	3.856	5.397 #
19)	L4 AR-1242-4	5.731	4.879	980	7041	0.933	8.580 #
20)	L4 AR-1242-5	6.487	5.372	7158	45404	5.352	42.385 #
21)	L5 AR-1248-1	5.561	0.000	4332	0	3.687	N.D. #
22)	L5 AR-1248-2	5.816	4.778	10394	4215	6.161	3.577 #
23)	L5 AR-1248-3	6.022	4.879	4489	7041	2.402	5.672 #
24)	L5 AR-1248-4	6.427	4.976	46137	47736	19.526	31.754 #
25)	L5 AR-1248-5	6.487	5.372	7158	45404	3.157	29.595 #
26)	L6 AR-1254-1	6.379	5.372	15376	45404	6.740	20.701 #
27)	L6 AR-1254-2	6.618	5.510	39035	4694	10.804	2.394 #
28)	L6 AR-1254-3	6.984	5.873	26399	6842	6.756	2.149 #
29)	L6 AR-1254-4	7.261	0.000	38616	0	12.750	N.D. #
30)	L6 AR-1254-5	7.676	6.539	34133	3627	10.869	1.282 #
31)	L7 AR-1260-1	7.139	0.000	5888	0	2.255	N.D. #
32)	L7 AR-1260-2	7.390	6.215	37128	3141	11.646	1.308 #
33)	L7 AR-1260-3	7.766	6.366	7179	4977	2.989	2.209 #
34)	L7 AR-1260-4	7.970	6.866	63081	2915	23.608	1.579 #
35)	L7 AR-1260-5	8.286	0.000	70748	0	14.298	N.D. #
36)	L8 AR-1262-1	7.737	0.000	32299	0	8.430	N.D. #
37)	L8 AR-1262-2	8.286	6.996	70748	25472	11.396	5.540 #
38)	L8 AR-1262-3	8.579	7.382	19542	68067	4.702	36.132 #
39)	L8 AR-1262-4	8.641	7.382	87846	68067	27.827	20.254 #
40)	L8 AR-1262-5	9.318	7.898	6285	12129	3.091	8.001 #
41)	L9 AR-1268-1	8.579	7.382	19542	68067	2.906	14.095 #

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 Misc :
 ALS Vial : 25 Sample Multiplier: 1

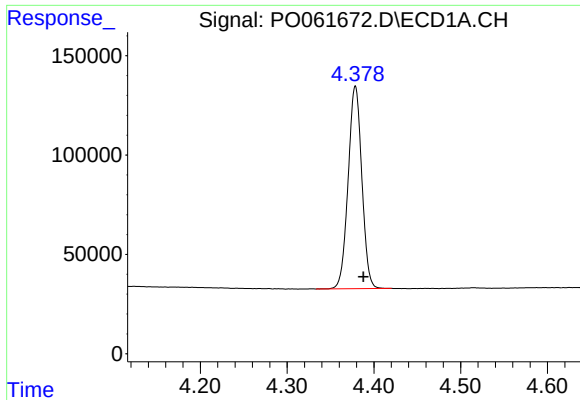
Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 04 01:40:09 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO100119.M
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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
42) L9	AR-1268-2	8.701	7.382	121952	68067	19.694	15.793
43) L9	AR-1268-3	8.946	7.568	7804	31567	1.527	8.807 #
44) L9	AR-1268-4	9.318	7.898	6285	12129	2.875	7.536 #
45) L9	AR-1268-5	0.000	8.167	0	423	N.D.	0.042 #

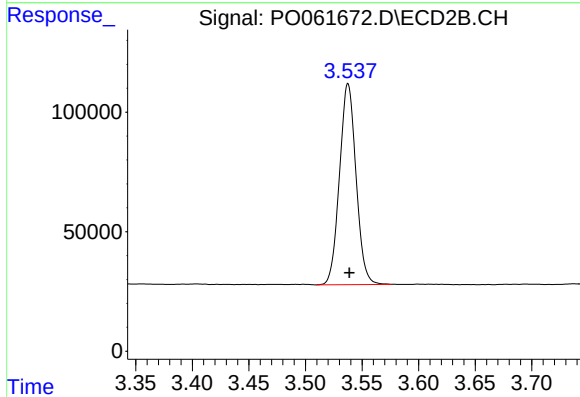
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

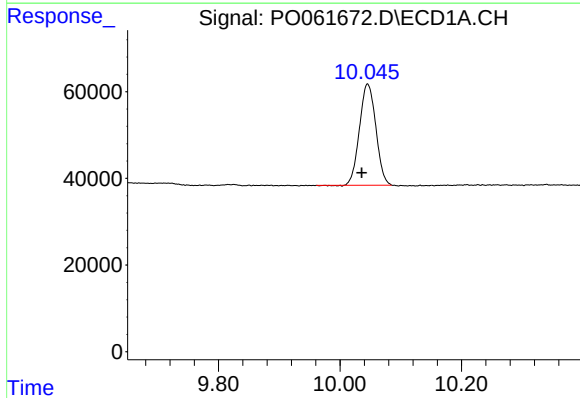
R.T.: 4.379 min
Delta R.T.: -0.009 min
Response: 1116131
Conc: 27.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



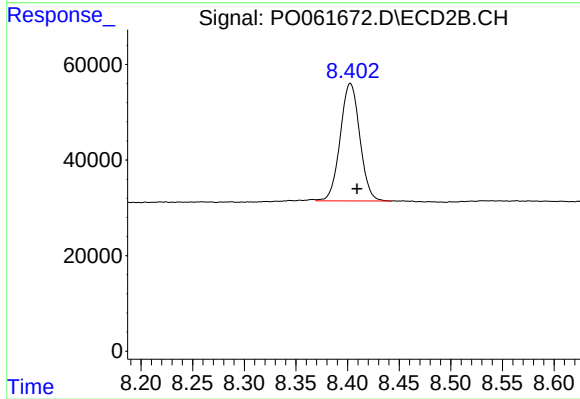
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: -0.001 min
Response: 854904
Conc: 26.44 ng/ml



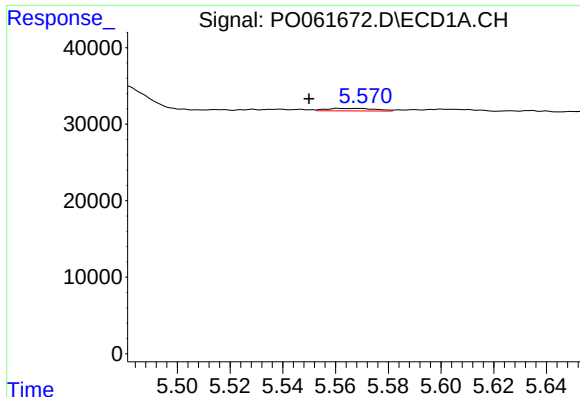
#2 Decachlorobiphenyl

R.T.: 10.045 min
Delta R.T.: 0.009 min
Response: 437237
Conc: 9.39 ng/ml



#2 Decachlorobiphenyl

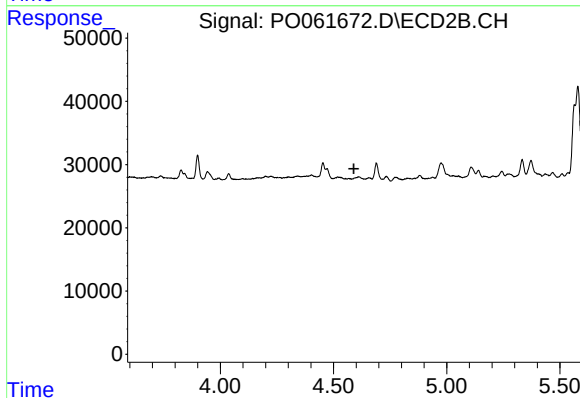
R.T.: 8.403 min
Delta R.T.: -0.006 min
Response: 324429
Conc: 10.02 ng/ml



#3 AR-1016-1

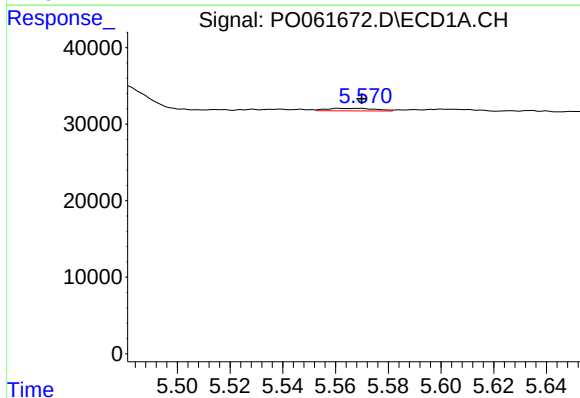
R.T.: 5.561 min
Delta R.T.: 0.011 min
Response: 4332
Conc: 2.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



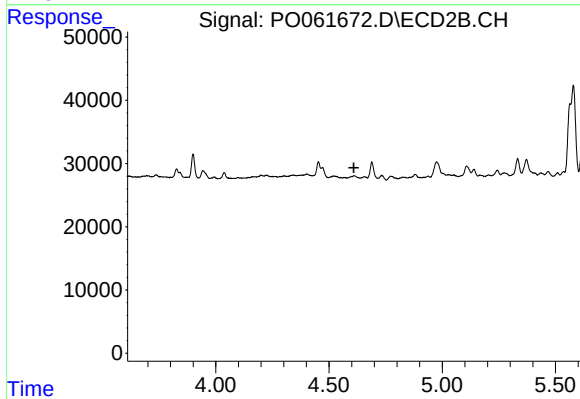
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.590 min
Response: 0
Conc: N.D.



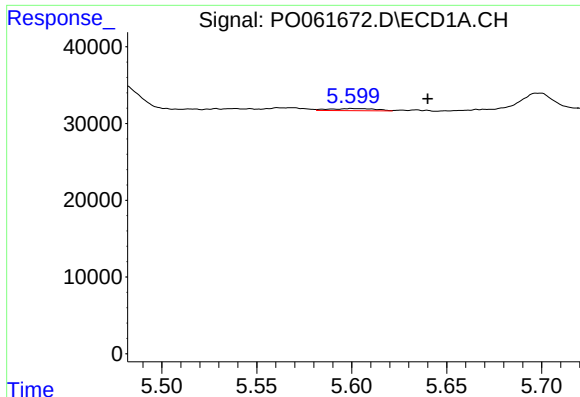
#4 AR-1016-2

R.T.: 5.561 min
Delta R.T.: -0.009 min
Response: 4332
Conc: 1.68 ng/ml



#4 AR-1016-2

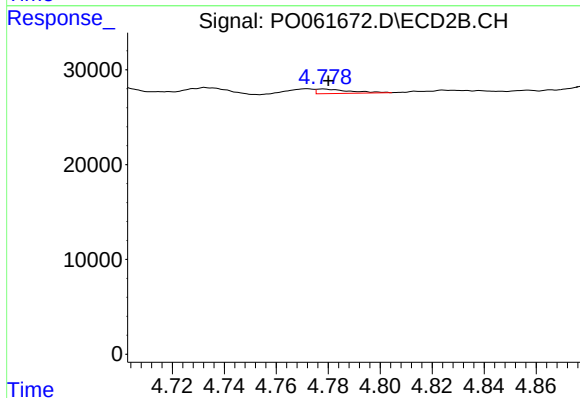
R.T.: 0.000 min
Exp R.T. : 4.610 min
Response: 0
Conc: N.D.



#5 AR-1016-3

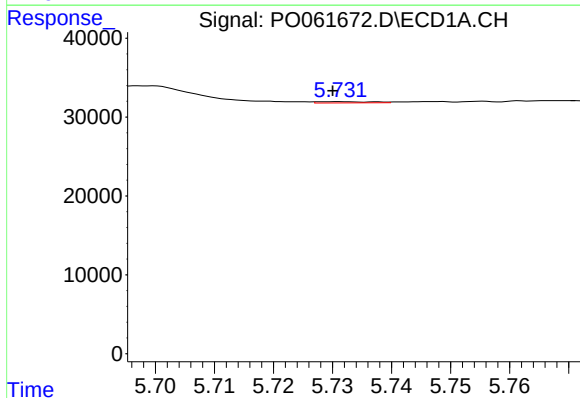
R.T.: 5.600 min
Delta R.T.: -0.040 min
Response: 4866
Conc: 3.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



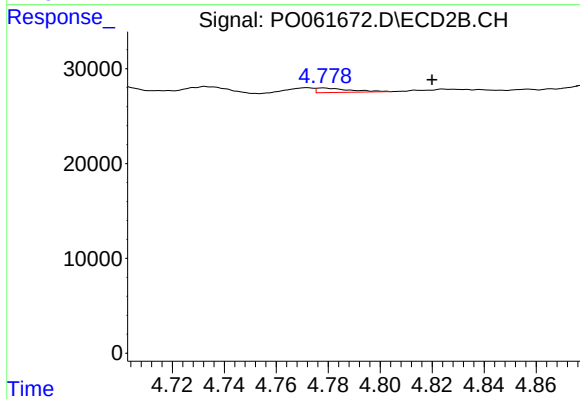
#5 AR-1016-3

R.T.: 4.778 min
Delta R.T.: -0.002 min
Response: 4215
Conc: 4.21 ng/ml



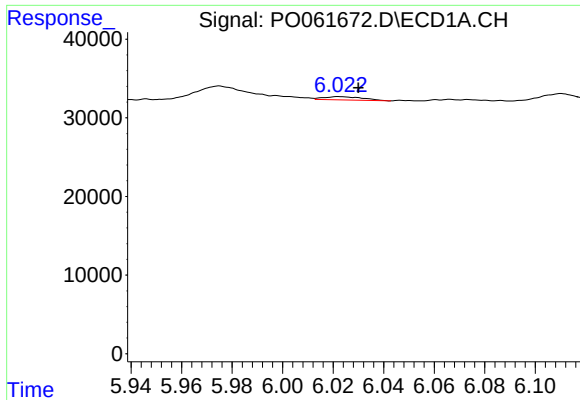
#6 AR-1016-4

R.T.: 5.731 min
Delta R.T.: 0.000 min
Response: 980
Conc: 0.73 ng/ml



#6 AR-1016-4

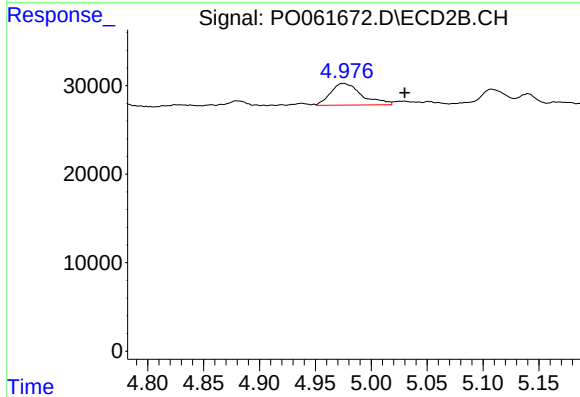
R.T.: 4.778 min
Delta R.T.: -0.042 min
Response: 4215
Conc: 4.86 ng/ml



#7 AR-1016-5

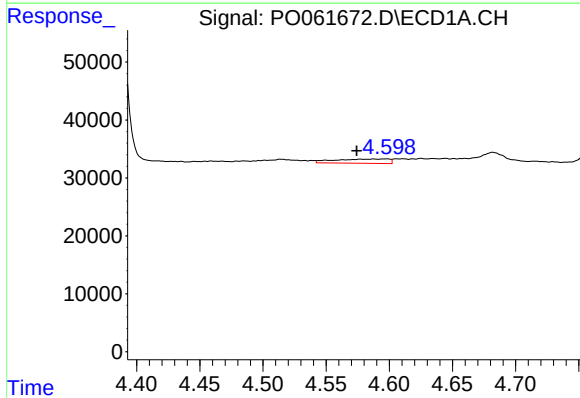
R.T.: 6.022 min
Delta R.T.: -0.008 min
Response: 4489
Conc: 3.27 ng/ml

Instrument :
ECD_O
ClientSampleId :



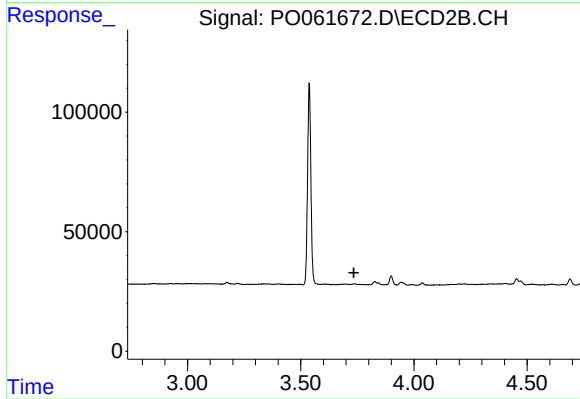
#7 AR-1016-5

R.T.: 4.976 min
Delta R.T.: -0.054 min
Response: 47736
Conc: 41.82 ng/ml



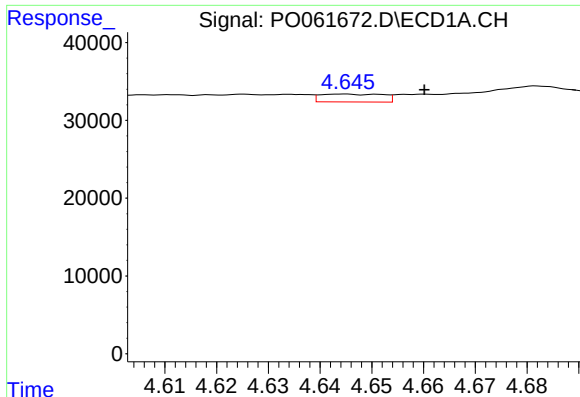
#8 AR-1221-1

R.T.: 4.598 min
Delta R.T.: 0.023 min
Response: 22355
Conc: 48.36 ng/ml



#8 AR-1221-1

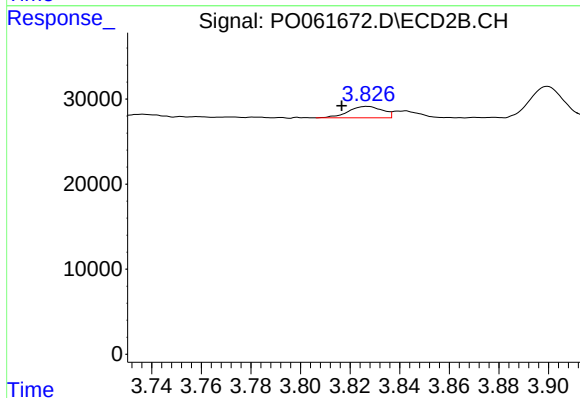
R.T.: 0.000 min
Exp R.T.: 3.735 min
Response: 0
Conc: N.D.



#9 AR-1221-2

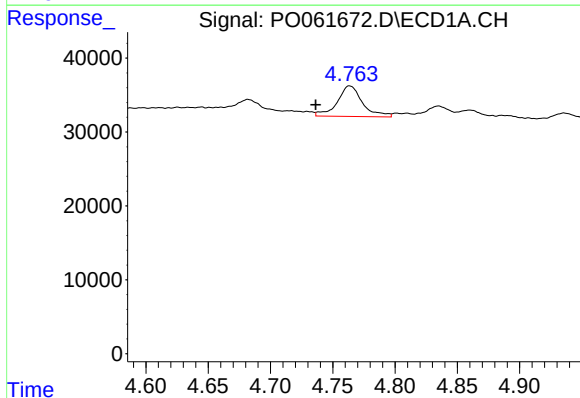
R.T.: 4.644 min
Delta R.T.: -0.016 min
Response: 8491
Conc: 23.65 ng/ml

Instrument :
ECD_O
ClientSampleId :



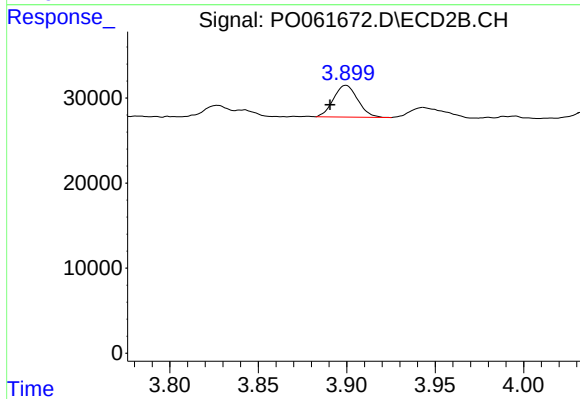
#9 AR-1221-2

R.T.: 3.827 min
Delta R.T.: 0.010 min
Response: 12926
Conc: 41.92 ng/ml



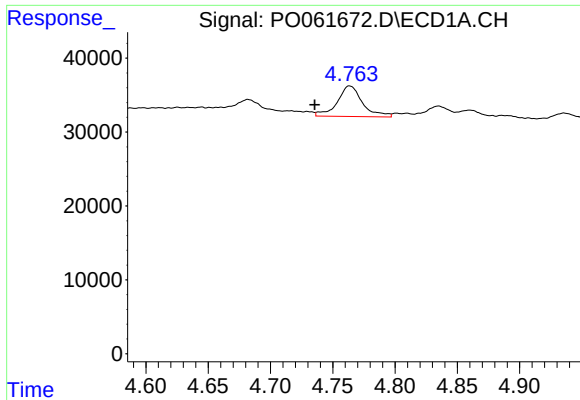
#10 AR-1221-3

R.T.: 4.764 min
Delta R.T.: 0.027 min
Response: 58274
Conc: 51.18 ng/ml



#10 AR-1221-3

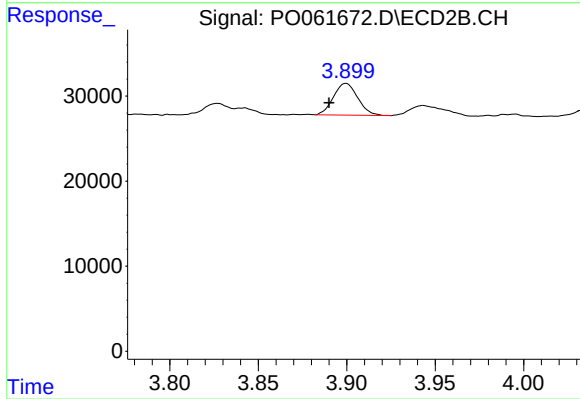
R.T.: 3.900 min
Delta R.T.: 0.009 min
Response: 35527
Conc: 38.95 ng/ml



#11 AR-1232-1

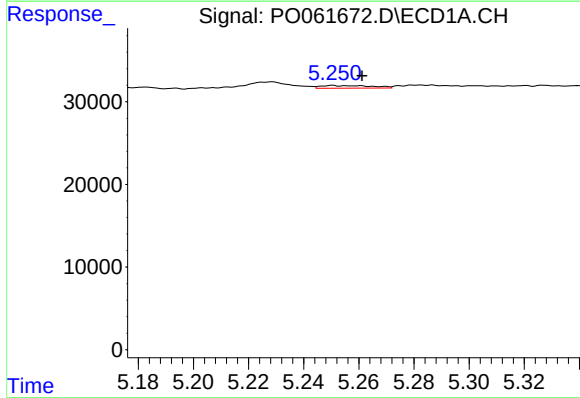
R.T.: 4.764 min
Delta R.T.: 0.028 min
Response: 58274
Conc: 41.67 ng/ml

Instrument :
ECD_O
ClientSampleId :



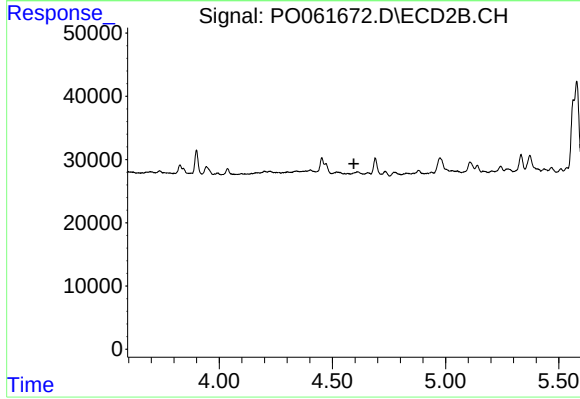
#11 AR-1232-1

R.T.: 3.900 min
Delta R.T.: 0.010 min
Response: 35527
Conc: 31.64 ng/ml



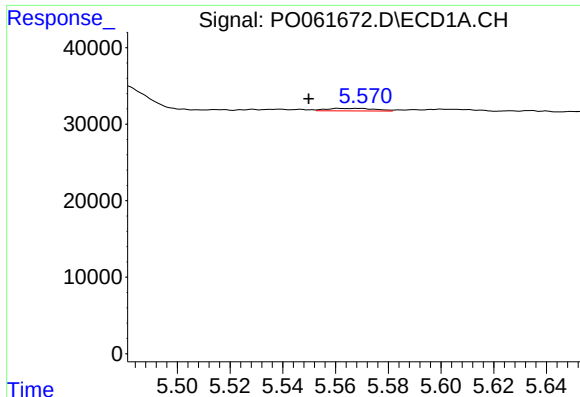
#12 AR-1232-2

R.T.: 5.250 min
Delta R.T.: -0.011 min
Response: 4195
Conc: 5.35 ng/ml



#12 AR-1232-2

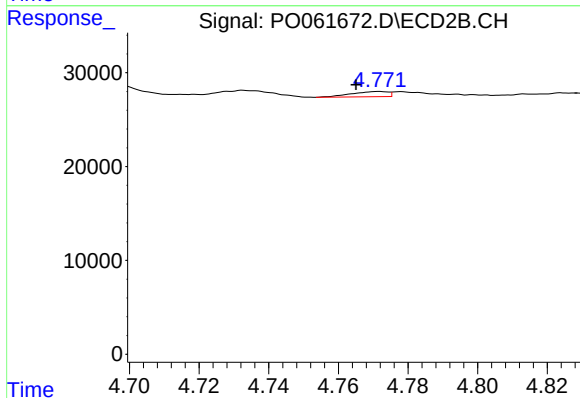
R.T.: 0.000 min
Exp R.T.: 4.595 min
Response: 0
Conc: N.D.



#13 AR-1232-3

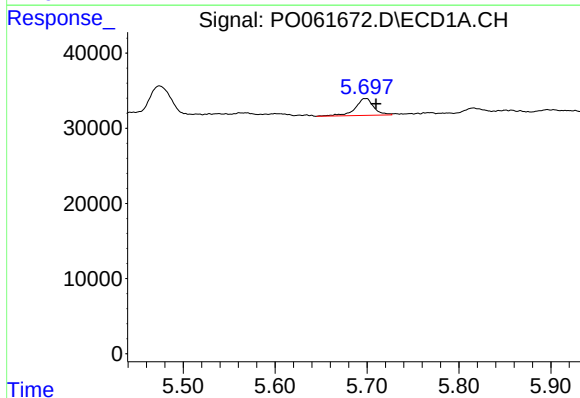
R.T.: 5.561 min
Delta R.T.: 0.012 min
Response: 4332
Conc: 2.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



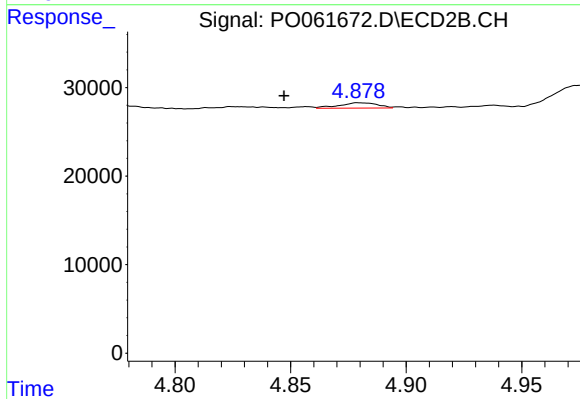
#13 AR-1232-3

R.T.: 4.772 min
Delta R.T.: 0.007 min
Response: 4061
Conc: 6.15 ng/ml



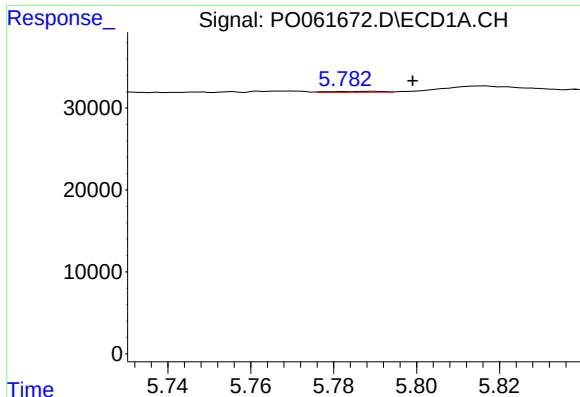
#14 AR-1232-4

R.T.: 5.698 min
Delta R.T.: -0.012 min
Response: 31634
Conc: 35.75 ng/ml



#14 AR-1232-4

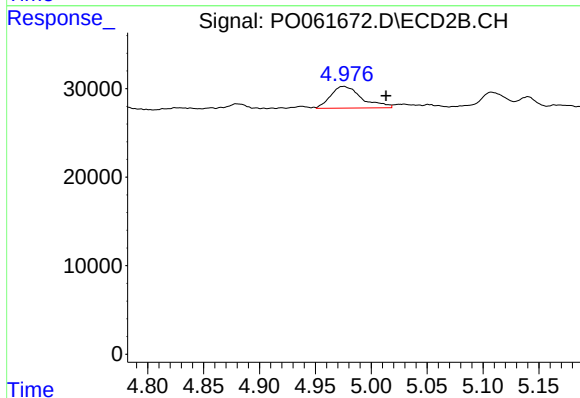
R.T.: 4.879 min
Delta R.T.: 0.032 min
Response: 7041
Conc: 11.17 ng/ml



#15 AR-1232-5

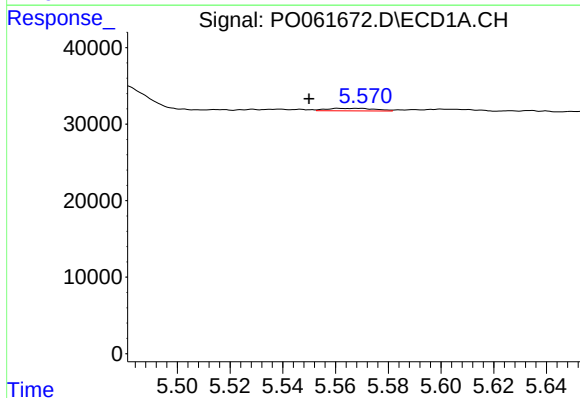
R.T.: 5.789 min
Delta R.T.: -0.010 min
Response: 1097
Conc: 1.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



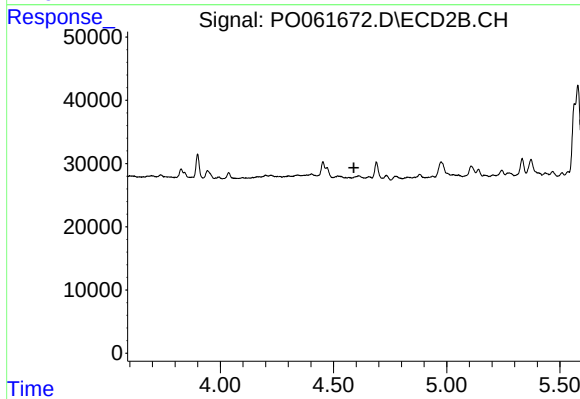
#15 AR-1232-5

R.T.: 4.976 min
Delta R.T.: -0.037 min
Response: 47736
Conc: 69.57 ng/ml



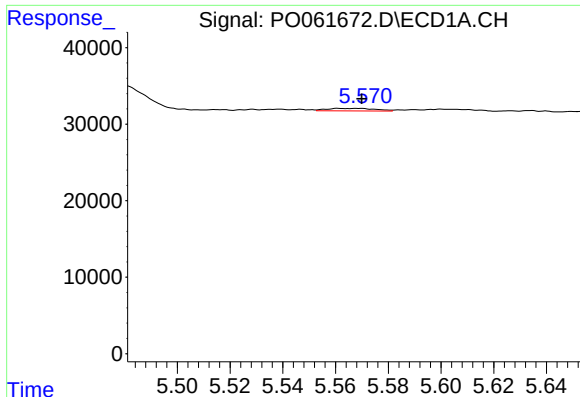
#16 AR-1242-1

R.T.: 5.561 min
Delta R.T.: 0.011 min
Response: 4332
Conc: 3.05 ng/ml



#16 AR-1242-1

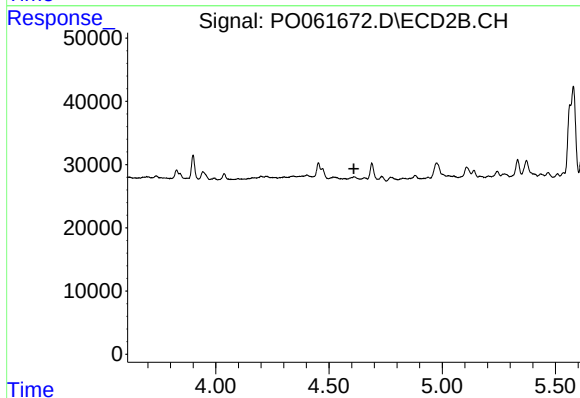
R.T.: 0.000 min
Exp R.T.: 4.590 min
Response: 0
Conc: N.D.



#17 AR-1242-2

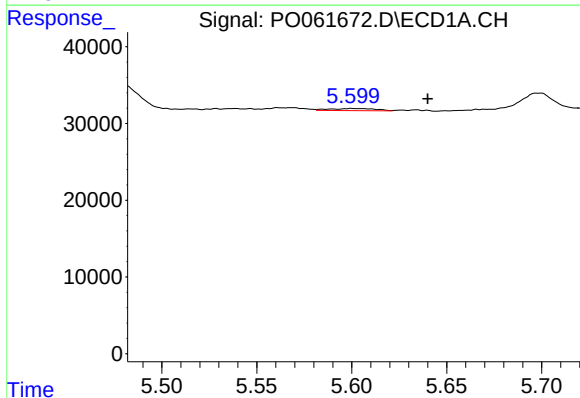
R.T.: 5.561 min
Delta R.T.: -0.009 min
Response: 4332
Conc: 2.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



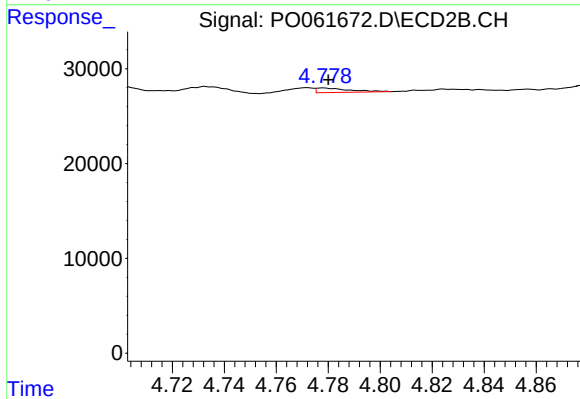
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.610 min
Response: 0
Conc: N.D.



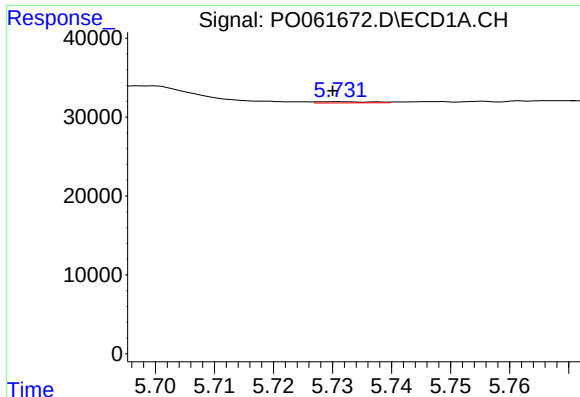
#18 AR-1242-3

R.T.: 5.600 min
Delta R.T.: -0.040 min
Response: 4866
Conc: 3.86 ng/ml



#18 AR-1242-3

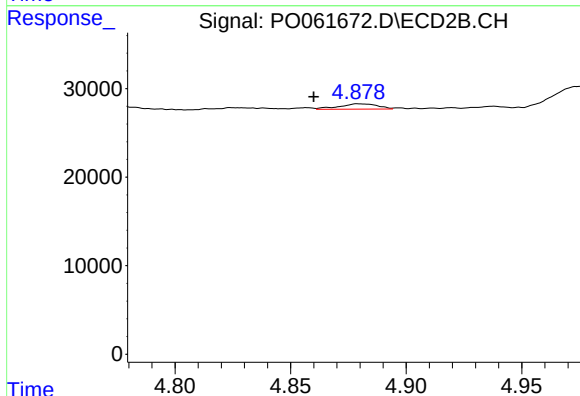
R.T.: 4.778 min
Delta R.T.: -0.002 min
Response: 4215
Conc: 5.40 ng/ml



#19 AR-1242-4

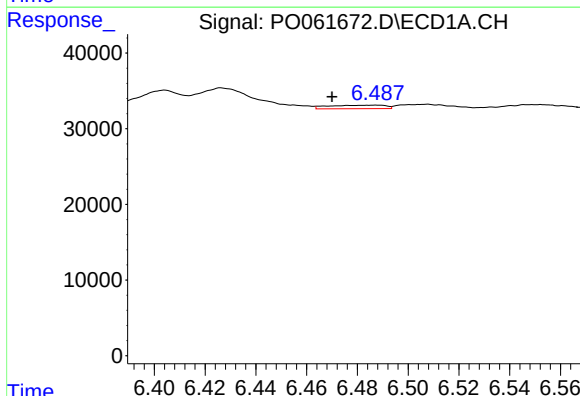
R.T.: 5.731 min
Delta R.T.: 0.000 min
Response: 980
Conc: 0.93 ng/ml

Instrument :
ECD_O
ClientSampleId :



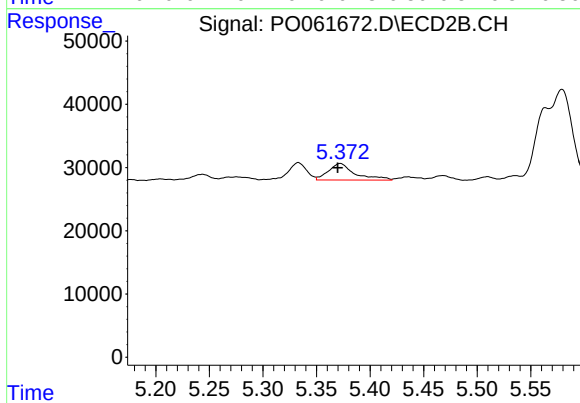
#19 AR-1242-4

R.T.: 4.879 min
Delta R.T.: 0.019 min
Response: 7041
Conc: 8.58 ng/ml



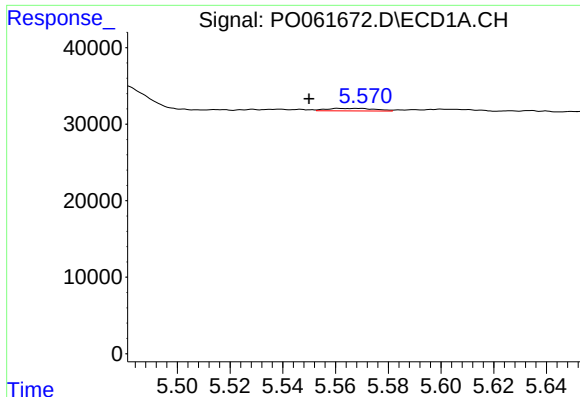
#20 AR-1242-5

R.T.: 6.487 min
Delta R.T.: 0.017 min
Response: 7158
Conc: 5.35 ng/ml



#20 AR-1242-5

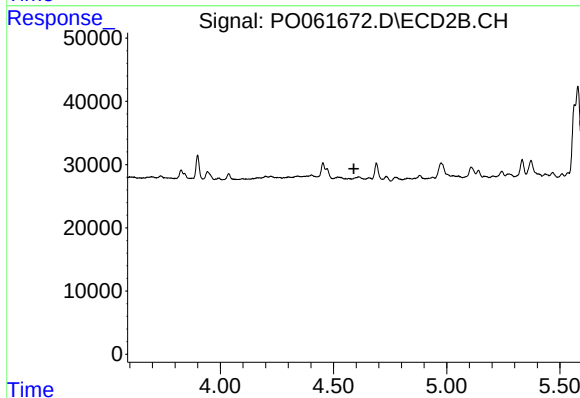
R.T.: 5.372 min
Delta R.T.: 0.002 min
Response: 45404
Conc: 42.38 ng/ml



#21 AR-1248-1

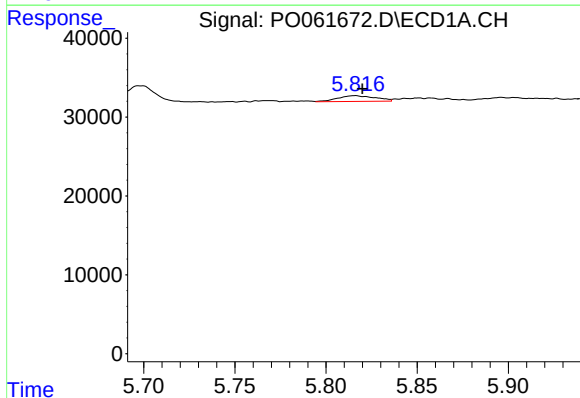
R.T.: 5.561 min
Delta R.T.: 0.011 min
Response: 4332
Conc: 3.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



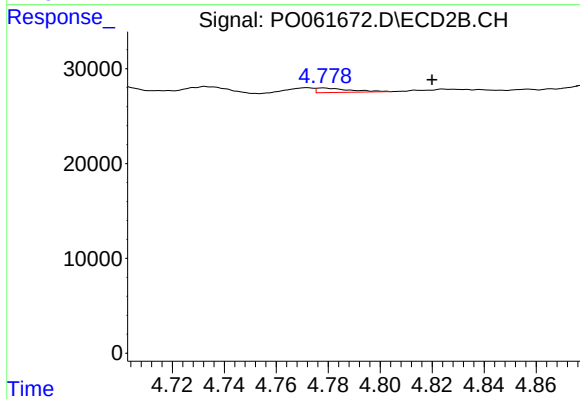
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.590 min
Response: 0
Conc: N.D.



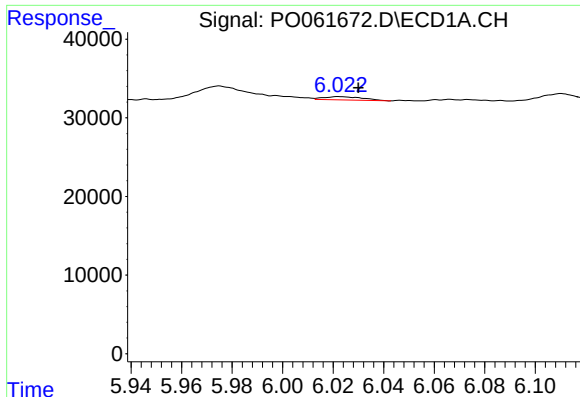
#22 AR-1248-2

R.T.: 5.816 min
Delta R.T.: -0.004 min
Response: 10394
Conc: 6.16 ng/ml



#22 AR-1248-2

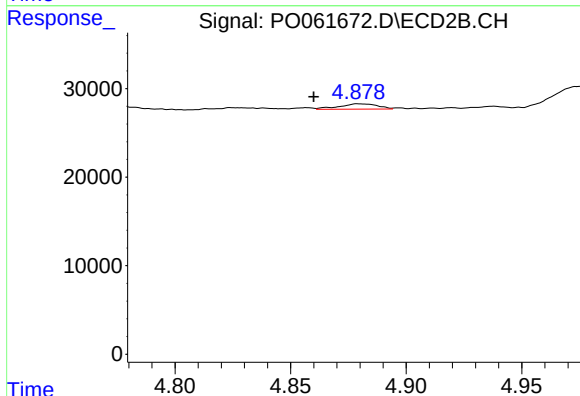
R.T.: 4.778 min
Delta R.T.: -0.042 min
Response: 4215
Conc: 3.58 ng/ml



#23 AR-1248-3

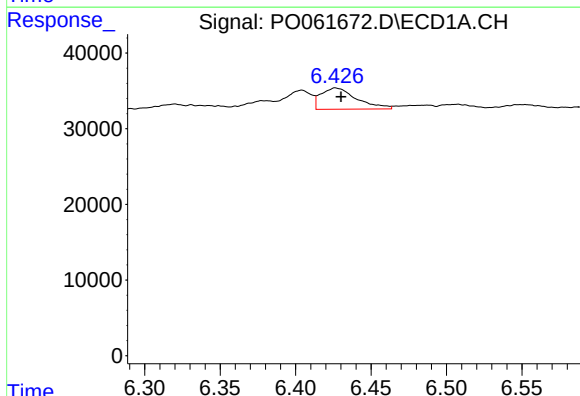
R.T.: 6.022 min
Delta R.T.: -0.008 min
Response: 4489
Conc: 2.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



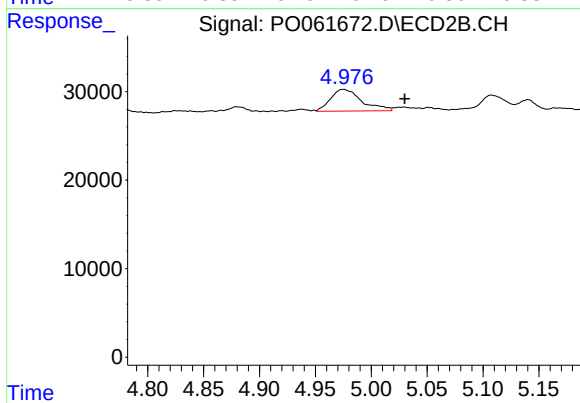
#23 AR-1248-3

R.T.: 4.879 min
Delta R.T.: 0.019 min
Response: 7041
Conc: 5.67 ng/ml



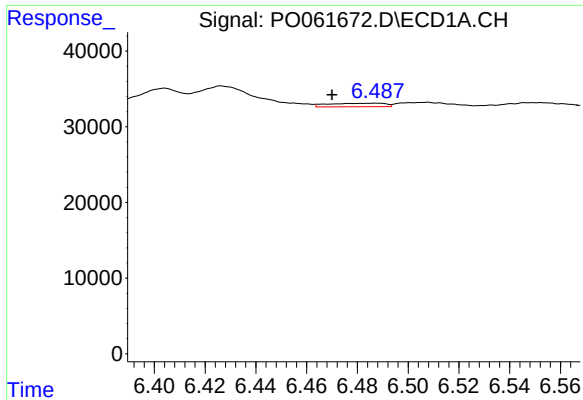
#24 AR-1248-4

R.T.: 6.427 min
Delta R.T.: -0.003 min
Response: 46137
Conc: 19.53 ng/ml



#24 AR-1248-4

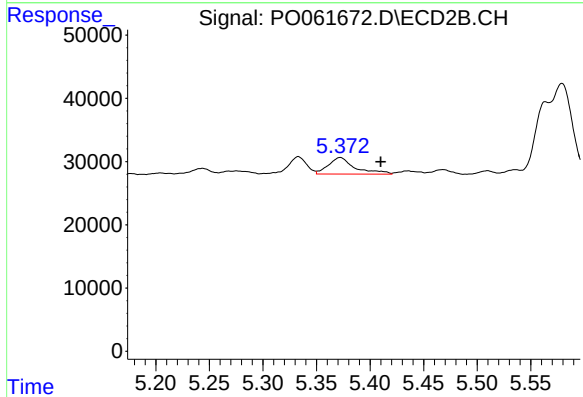
R.T.: 4.976 min
Delta R.T.: -0.054 min
Response: 47736
Conc: 31.75 ng/ml



#25 AR-1248-5

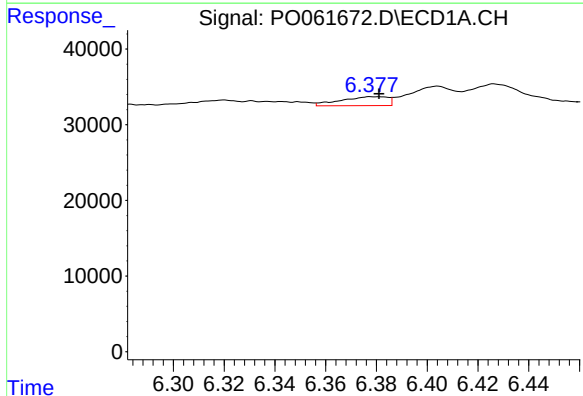
R.T.: 6.487 min
Delta R.T.: 0.017 min
Response: 7158
Conc: 3.16 ng/ml

Instrument :
ECD_O
ClientSampleId :



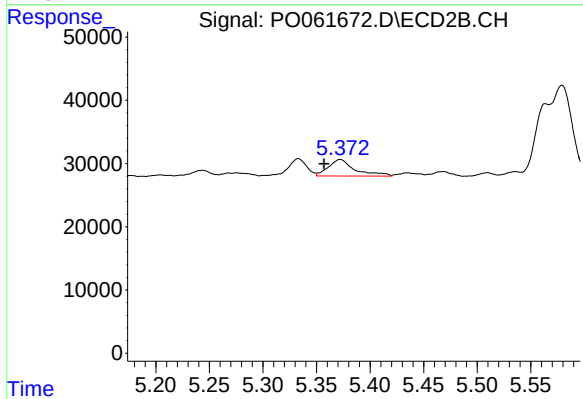
#25 AR-1248-5

R.T.: 5.372 min
Delta R.T.: -0.038 min
Response: 45404
Conc: 29.60 ng/ml



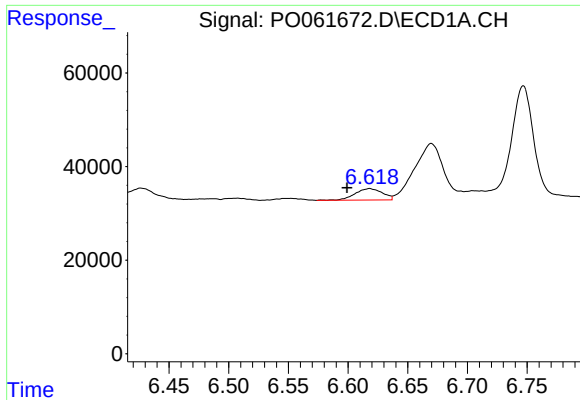
#26 AR-1254-1

R.T.: 6.379 min
Delta R.T.: -0.002 min
Response: 15376
Conc: 6.74 ng/ml



#26 AR-1254-1

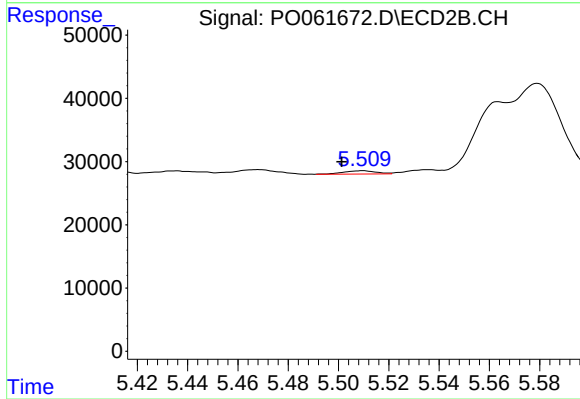
R.T.: 5.372 min
Delta R.T.: 0.015 min
Response: 45404
Conc: 20.70 ng/ml



#27 AR-1254-2

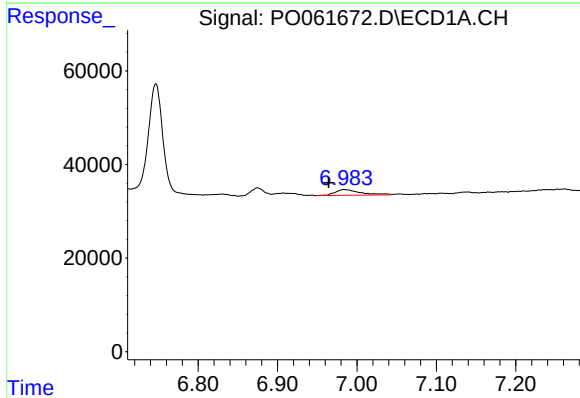
R.T.: 6.618 min
Delta R.T.: 0.019 min
Response: 39035
Conc: 10.80 ng/ml

Instrument :
ECD_O
ClientSampleId :



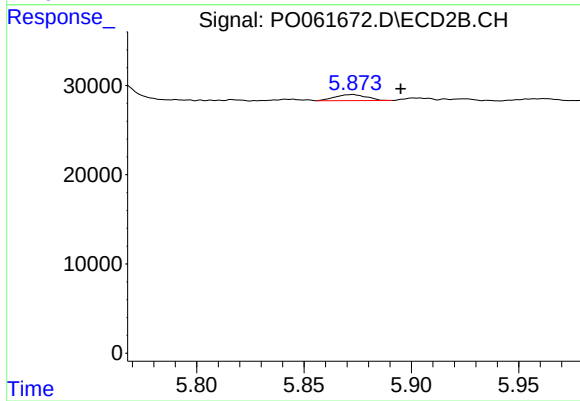
#27 AR-1254-2

R.T.: 5.510 min
Delta R.T.: 0.009 min
Response: 4694
Conc: 2.39 ng/ml



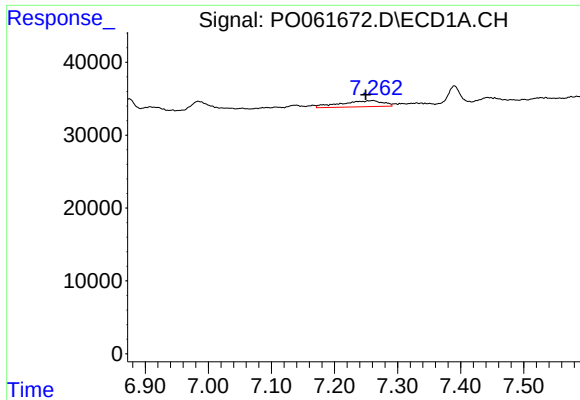
#28 AR-1254-3

R.T.: 6.984 min
Delta R.T.: 0.019 min
Response: 26399
Conc: 6.76 ng/ml



#28 AR-1254-3

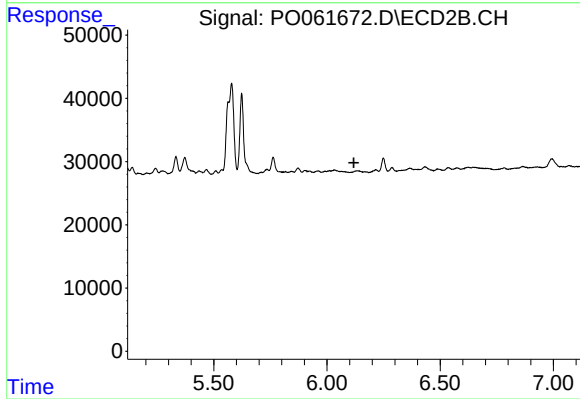
R.T.: 5.873 min
Delta R.T.: -0.022 min
Response: 6842
Conc: 2.15 ng/ml



#29 AR-1254-4

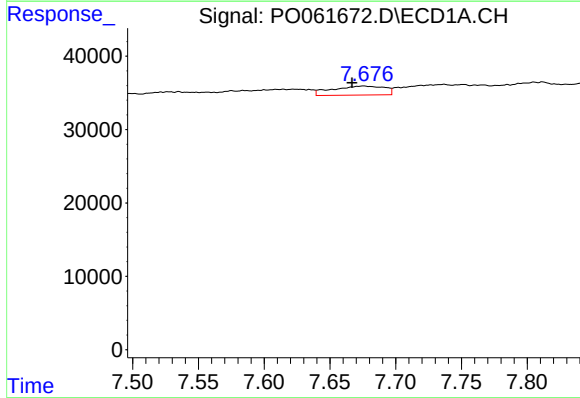
R.T.: 7.261 min
Delta R.T.: 0.012 min
Response: 38616
Conc: 12.75 ng/ml

Instrument :
ECD_O
ClientSampleId :



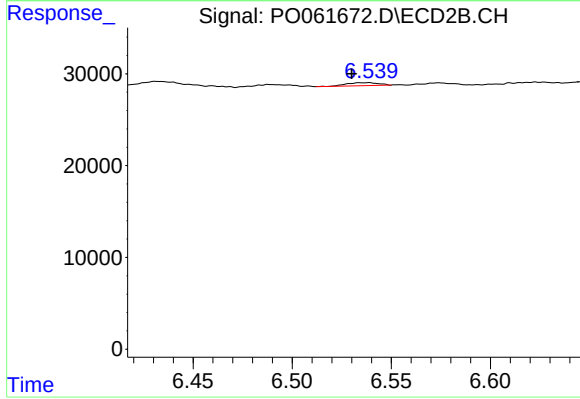
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.119 min
Response: 0
Conc: N.D.



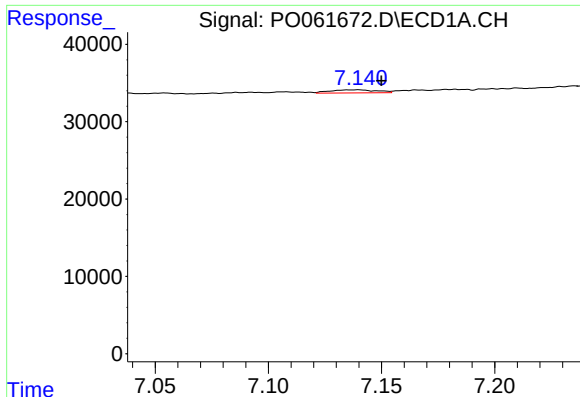
#30 AR-1254-5

R.T.: 7.676 min
Delta R.T.: 0.009 min
Response: 34133
Conc: 10.87 ng/ml



#30 AR-1254-5

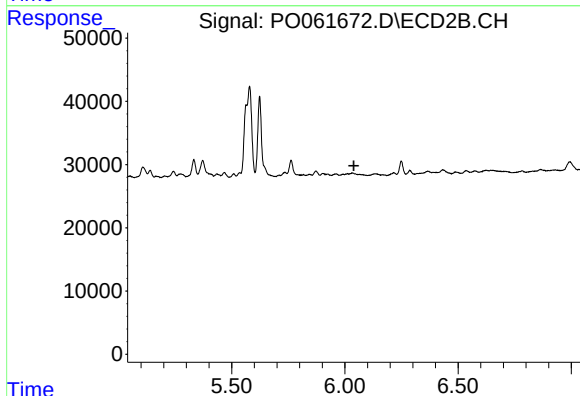
R.T.: 6.539 min
Delta R.T.: 0.009 min
Response: 3627
Conc: 1.28 ng/ml



#31 AR-1260-1

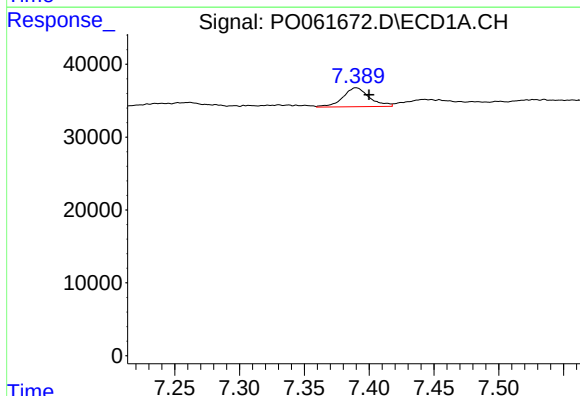
R.T.: 7.139 min
Delta R.T.: -0.011 min
Response: 5888
Conc: 2.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



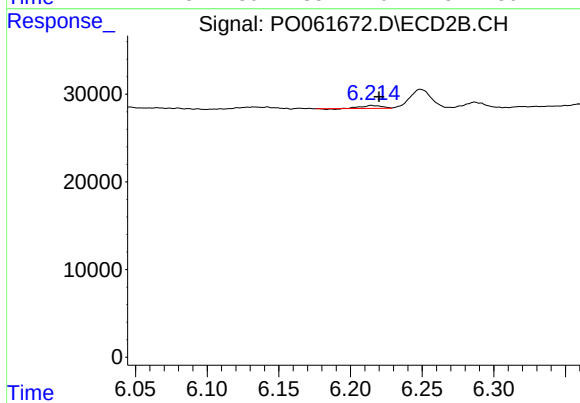
#31 AR-1260-1

R.T.: 0.000 min
Exp R.T. : 6.040 min
Response: 0
Conc: N.D.



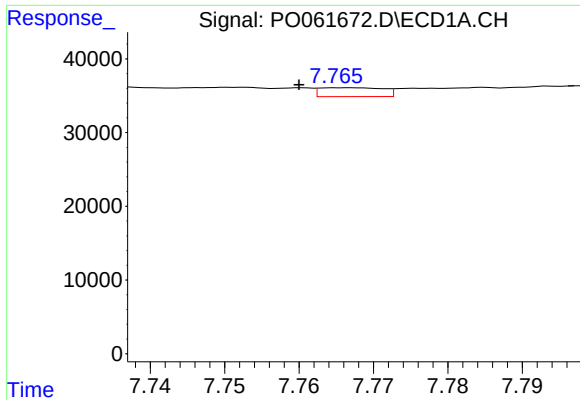
#32 AR-1260-2

R.T.: 7.390 min
Delta R.T.: -0.010 min
Response: 37128
Conc: 11.65 ng/ml



#32 AR-1260-2

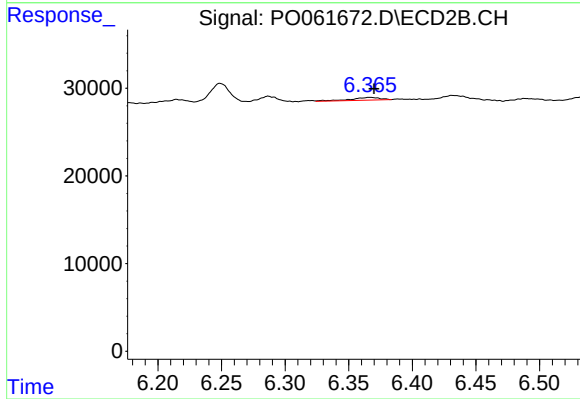
R.T.: 6.215 min
Delta R.T.: -0.005 min
Response: 3141
Conc: 1.31 ng/ml



#33 AR-1260-3

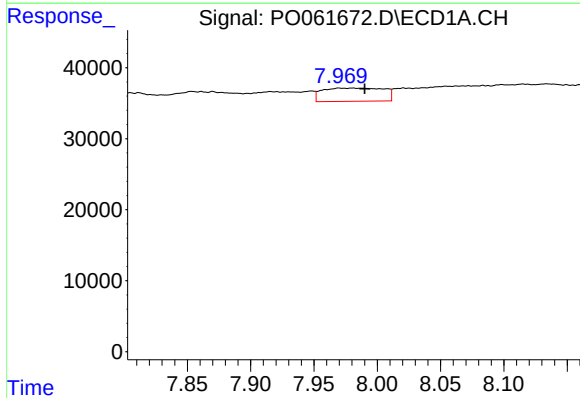
R.T.: 7.766 min
Delta R.T.: 0.006 min
Response: 7179
Conc: 2.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



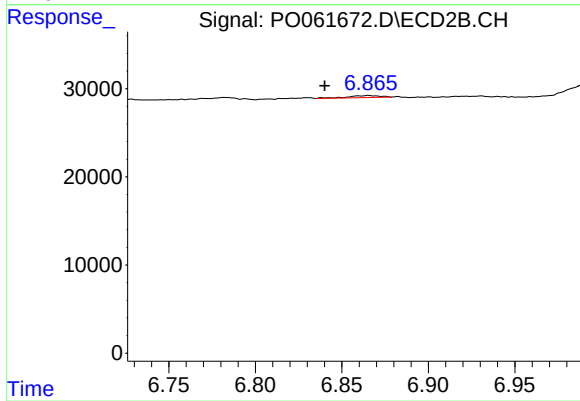
#33 AR-1260-3

R.T.: 6.366 min
Delta R.T.: -0.004 min
Response: 4977
Conc: 2.21 ng/ml



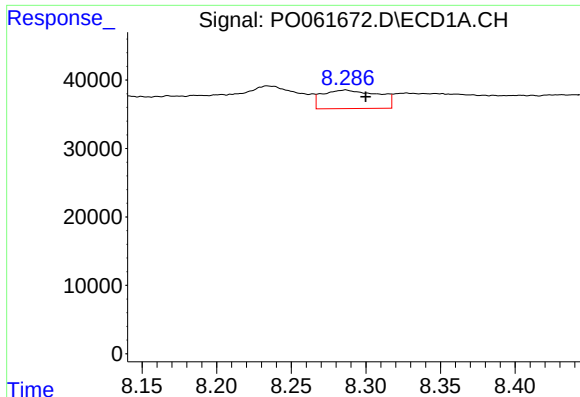
#34 AR-1260-4

R.T.: 7.970 min
Delta R.T.: -0.020 min
Response: 63081
Conc: 23.61 ng/ml



#34 AR-1260-4

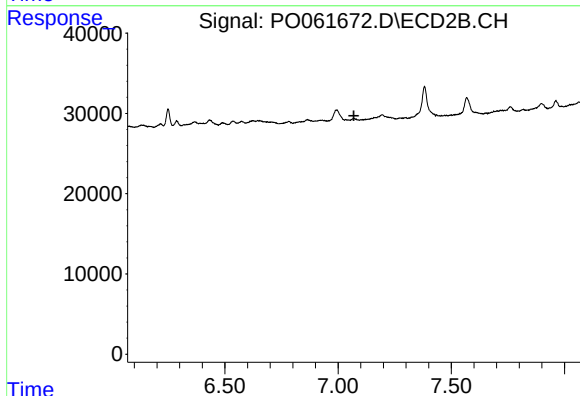
R.T.: 6.866 min
Delta R.T.: 0.026 min
Response: 2915
Conc: 1.58 ng/ml



#35 AR-1260-5

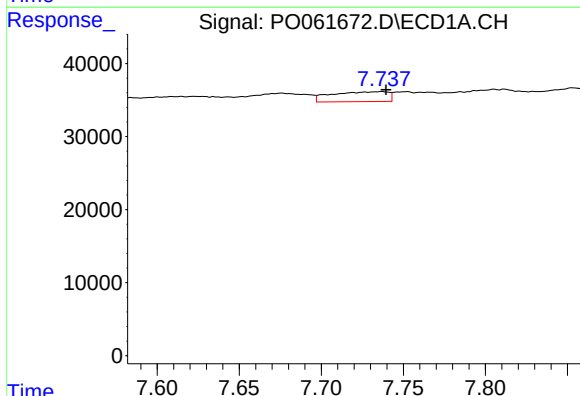
R.T.: 8.286 min
Delta R.T.: -0.014 min
Response: 70748
Conc: 14.30 ng/ml

Instrument :
ECD_O
ClientSampleId :



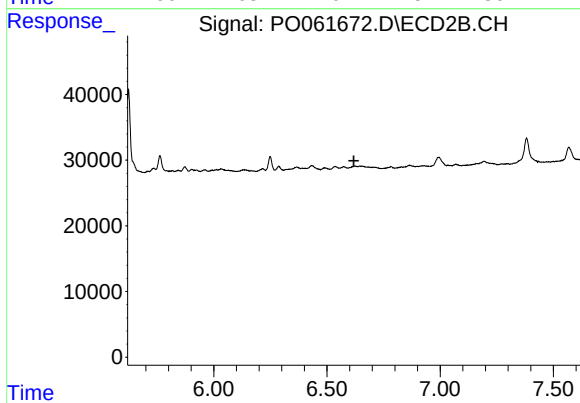
#35 AR-1260-5

R.T.: 0.000 min
Exp R.T. : 7.070 min
Response: 0
Conc: N.D.



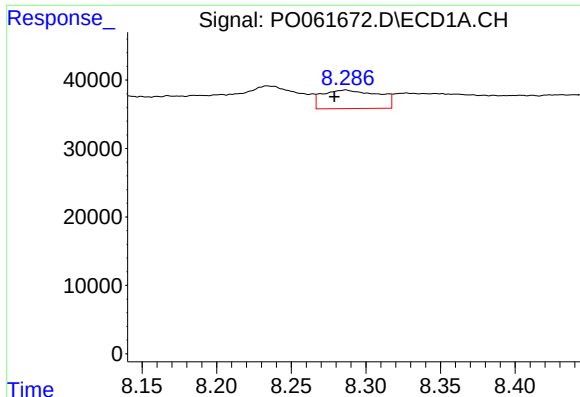
#36 AR-1262-1

R.T.: 7.737 min
Delta R.T.: -0.003 min
Response: 32299
Conc: 8.43 ng/ml



#36 AR-1262-1

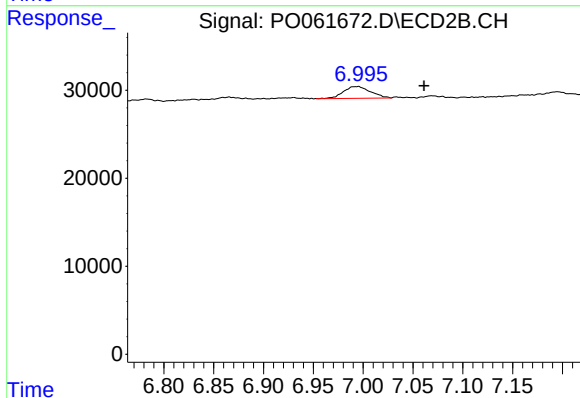
R.T.: 0.000 min
Exp R.T. : 6.619 min
Response: 0
Conc: N.D.



#37 AR-1262-2

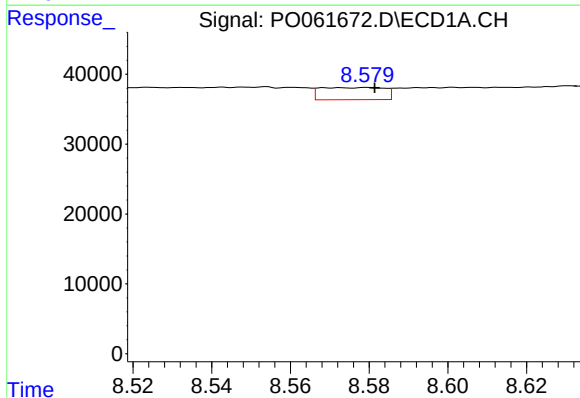
R.T.: 8.286 min
Delta R.T.: 0.007 min
Response: 70748
Conc: 11.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



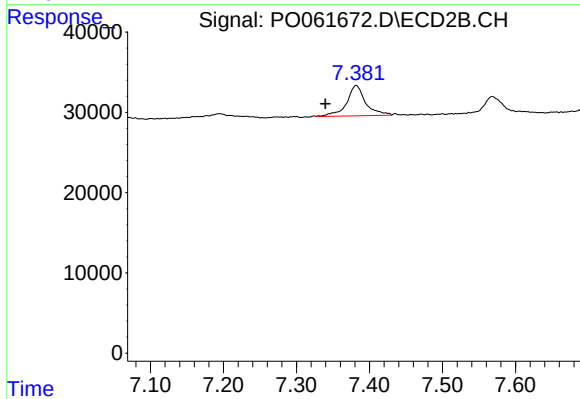
#37 AR-1262-2

R.T.: 6.996 min
Delta R.T.: -0.065 min
Response: 25472
Conc: 5.54 ng/ml



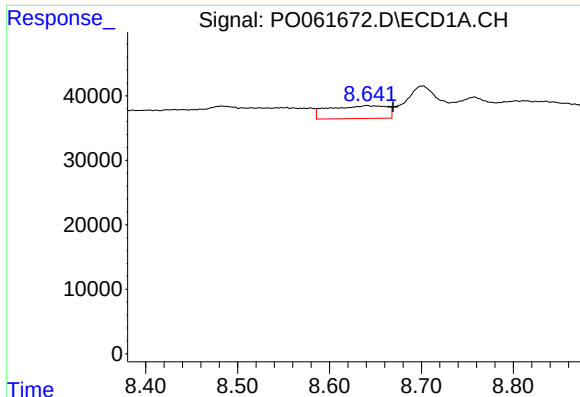
#38 AR-1262-3

R.T.: 8.579 min
Delta R.T.: -0.002 min
Response: 19542
Conc: 4.70 ng/ml



#38 AR-1262-3

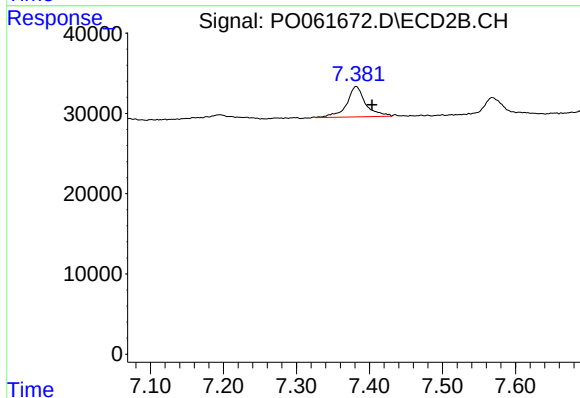
R.T.: 7.382 min
Delta R.T.: 0.042 min
Response: 68067
Conc: 36.13 ng/ml



#39 AR-1262-4

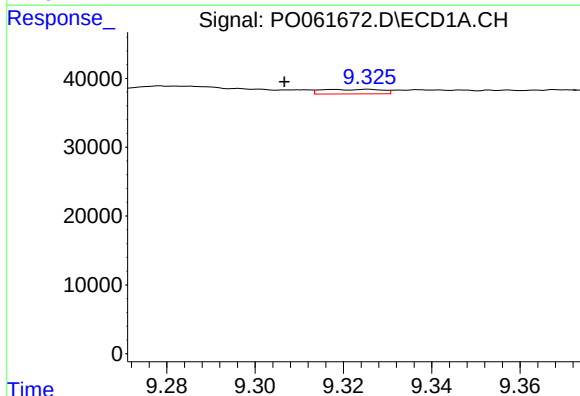
R.T.: 8.641 min
Delta R.T.: -0.029 min
Response: 87846
Conc: 27.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



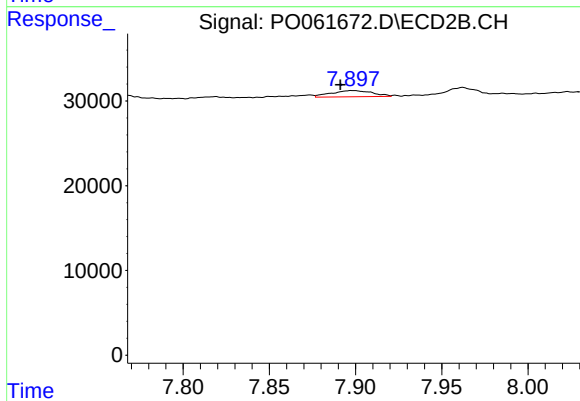
#39 AR-1262-4

R.T.: 7.382 min
Delta R.T.: -0.022 min
Response: 68067
Conc: 20.25 ng/ml



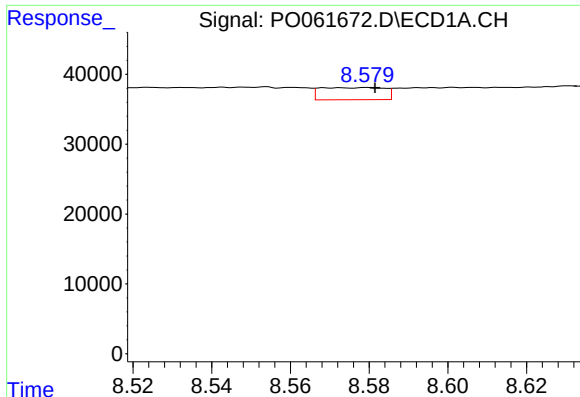
#40 AR-1262-5

R.T.: 9.318 min
Delta R.T.: 0.011 min
Response: 6285
Conc: 3.09 ng/ml



#40 AR-1262-5

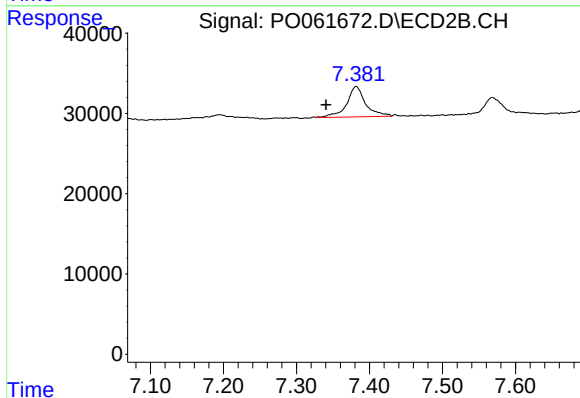
R.T.: 7.898 min
Delta R.T.: 0.006 min
Response: 12129
Conc: 8.00 ng/ml



#41 AR-1268-1

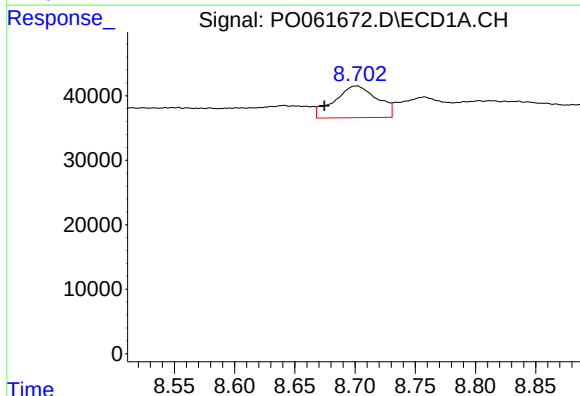
R.T.: 8.579 min
Delta R.T.: -0.002 min
Response: 19542
Conc: 2.91 ng/ml

Instrument :
ECD_O
ClientSampleId :



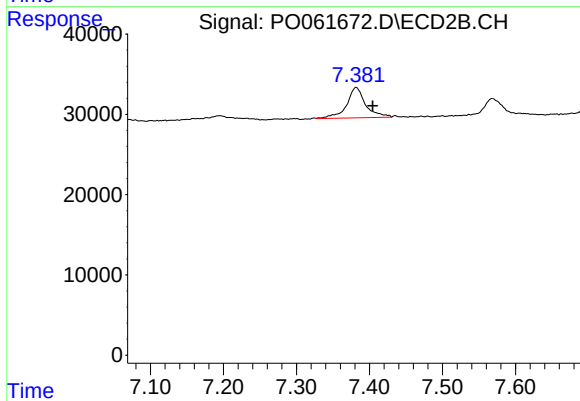
#41 AR-1268-1

R.T.: 7.382 min
Delta R.T.: 0.041 min
Response: 68067
Conc: 14.10 ng/ml



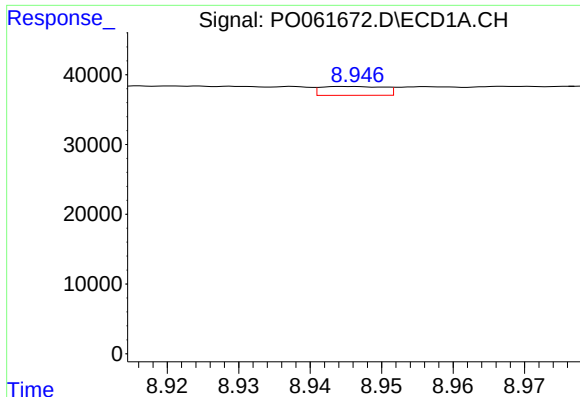
#42 AR-1268-2

R.T.: 8.701 min
Delta R.T.: 0.027 min
Response: 121952
Conc: 19.69 ng/ml



#42 AR-1268-2

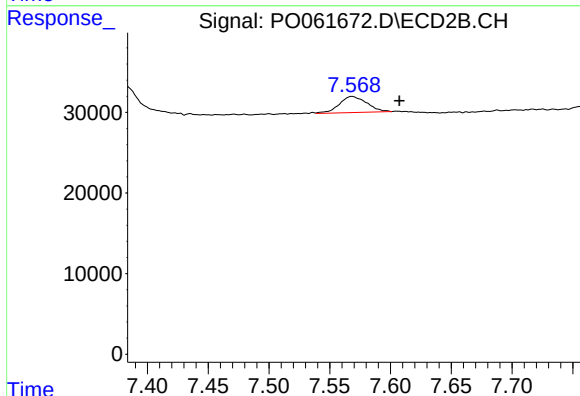
R.T.: 7.382 min
Delta R.T.: -0.023 min
Response: 68067
Conc: 15.79 ng/ml



#43 AR-1268-3

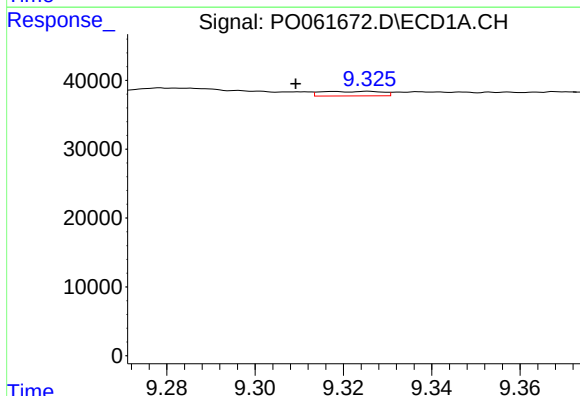
R.T.: 8.946 min
Delta R.T.: 0.052 min
Response: 7804
Conc: 1.53 ng/ml

Instrument :
ECD_O
ClientSampleId :



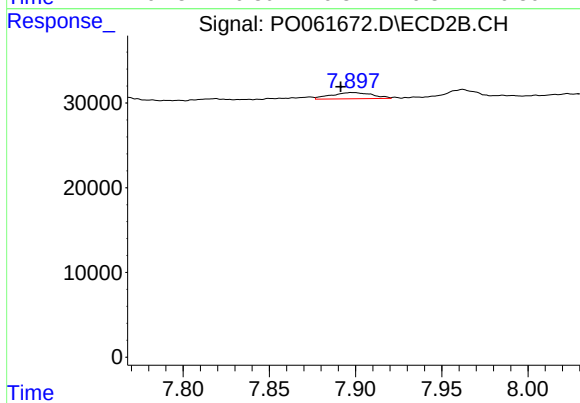
#43 AR-1268-3

R.T.: 7.568 min
Delta R.T.: -0.039 min
Response: 31567
Conc: 8.81 ng/ml



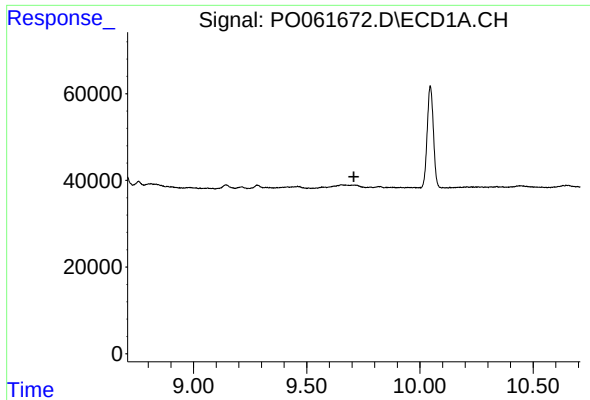
#44 AR-1268-4

R.T.: 9.318 min
Delta R.T.: 0.009 min
Response: 6285
Conc: 2.87 ng/ml



#44 AR-1268-4

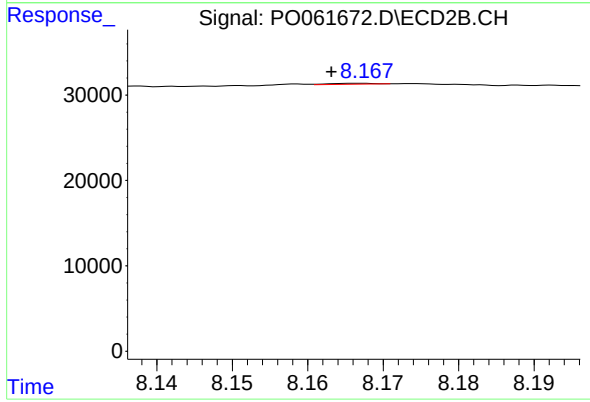
R.T.: 7.898 min
Delta R.T.: 0.006 min
Response: 12129
Conc: 7.54 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 9.708 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.167 min
Delta R.T.: 0.004 min
Response: 423
Conc: 0.04 ng/ml