

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO102822\
 Data File : PO090010.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Oct 2022 15:19
 Operator : YP/AJ
 Sample : N4955-08
 Misc : AR1268 LOQ 50 PPB
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 29 01:53:20 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO102722.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 28 05:05:44 2022
 Response via : Initial Calibration
 Integrator: ChemStation

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...	4.306	3.485	54834814	18175544	17.062	17.102
2)	SA Decachlor...	10.049	8.492	54590536	21253581	22.277	20.636
Target Compounds							
3)	L1 AR-1016-1	5.419f	0.000	499034	0	4.692	N.D. #
4)	L1 AR-1016-2	5.555f	0.000	351170	0	2.305	N.D. #
5)	L1 AR-1016-3	5.555	0.000	351170	0	3.717	N.D. #
6)	L1 AR-1016-4	0.000	4.840	0	189116	N.D.	7.619 #
7)	L1 AR-1016-5	0.000	5.061f	0	388252	N.D.	12.639 #
8)	L2 AR-1221-1	4.516	3.645f	387269	116448	10.146	8.716
9)	L2 AR-1221-2	4.612	3.782	738781	251194	25.987	24.751
10)	L2 AR-1221-3	4.612f	0.000	738781	0	8.628	N.D. #
11)	L3 AR-1232-1	4.612f	0.000	738781	0	11.282	N.D. #
13)	L3 AR-1232-3	5.555f	0.000	351170	0	5.240	N.D. #
14)	L3 AR-1232-4	0.000	4.857	0	40193	N.D.	3.297 #
15)	L3 AR-1232-5	0.000	5.061f	0	388252	N.D.	29.079 #
16)	L4 AR-1242-1	5.419f	0.000	499034	0	6.031	N.D. #
17)	L4 AR-1242-2	5.555f	0.000	351170	0	2.973	N.D. #
18)	L4 AR-1242-3	5.555	0.000	351170	0	4.718	N.D. #
19)	L4 AR-1242-4	0.000	4.846	0	80165	N.D.	3.381 #
20)	L4 AR-1242-5	6.412	5.400	1544756	446533	25.131	15.610 #
21)	L5 AR-1248-1	5.419f	0.000	499034	0	7.890	N.D. #
22)	L5 AR-1248-2	0.000	4.840	0	189116	N.D.	5.817 #
23)	L5 AR-1248-3	0.000	4.857	0	40193	N.D.	1.192 #
24)	L5 AR-1248-4	6.346	5.061f	4248298	388252	39.846	10.039 #
25)	L5 AR-1248-5	6.400	5.400	1577153	446533	15.014	12.332
26)	L6 AR-1254-1	6.346	5.400	4248298	446533	36.656	7.581 #
27)	L6 AR-1254-2	6.560	0.000	3797193	0	21.831	N.D. #
28)	L6 AR-1254-3	6.926	0.000	7282381	0	41.948	N.D. #
29)	L6 AR-1254-4	7.211	6.227f	1530513	837271	12.007	16.859 #
30)	L6 AR-1254-5	7.659	6.617f	492143	1040706	3.494	13.899 #
31)	L7 AR-1260-1	7.096	0.000	2195736	0	15.663	N.D. #
32)	L7 AR-1260-2	7.332	6.227	560171	837271	3.463	11.590 #
33)	L7 AR-1260-3	7.713	0.000	3156142	0	30.043	N.D. #
34)	L7 AR-1260-4	7.959	6.875	3385281	1430014	27.402	28.109
35)	L7 AR-1260-5	8.254	7.119	1199581	500301	5.272	4.307
36)	L8 AR-1262-1	7.713	6.617	3156142	1040706	19.039	13.735 #
37)	L8 AR-1262-2	8.254	7.119	1199581	500301	4.270	3.902
38)	L8 AR-1262-3	8.561	7.406	12900882	5853422	65.703	107.484 #
39)	L8 AR-1262-4	8.654	7.470	11297594	4907537	116.106	50.530 #
40)	L8 AR-1262-5	9.300	7.965	4092821	1685459	38.842	35.513
41)	L9 AR-1268-1	8.561	7.406	12900882	5853422	37.004	37.153
42)	L9 AR-1268-2	8.654	7.470	11297594	4907537	36.214	34.977

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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	8.880	7.678	10290380	4405328	38.293	36.709
44) L9	AR-1268-4	9.300	7.965	4092821	1685459	35.125	31.034
45) L9	AR-1268-5	9.712	8.246	31657324	12883989	36.921	36.804

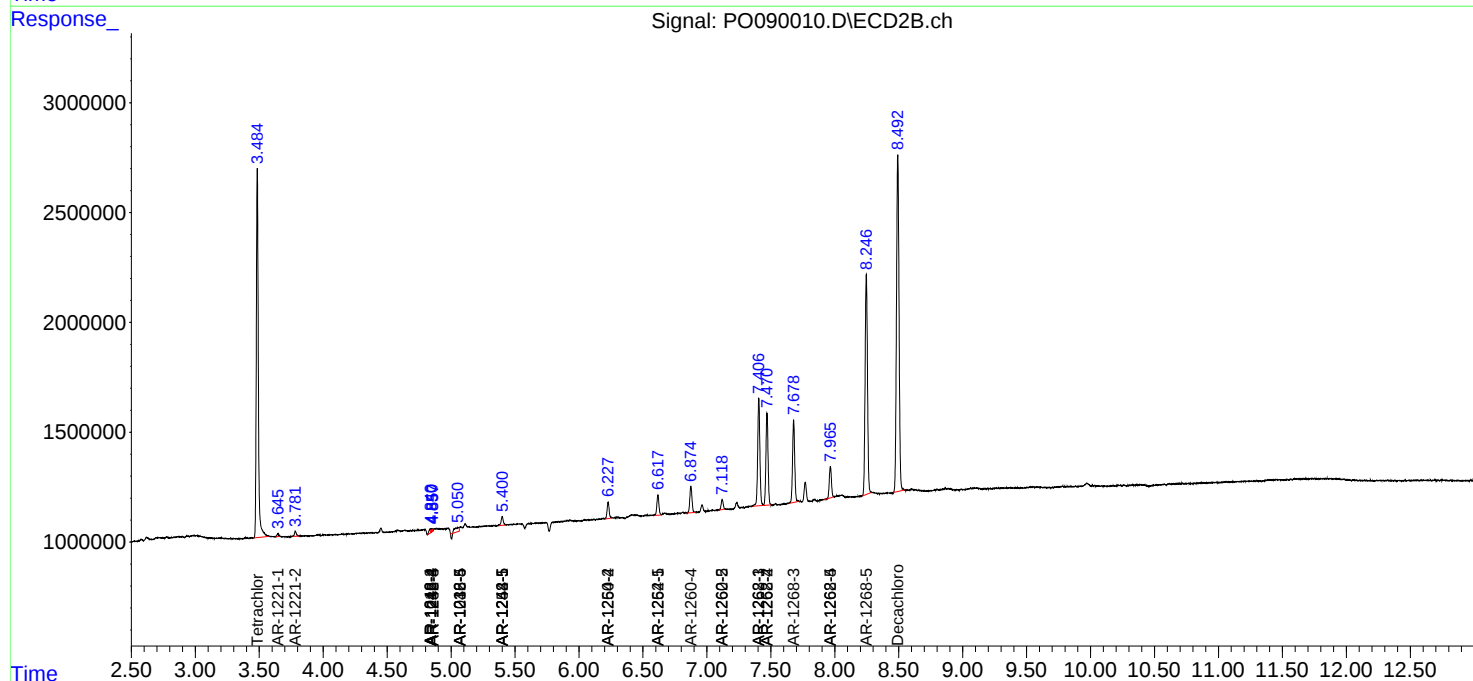
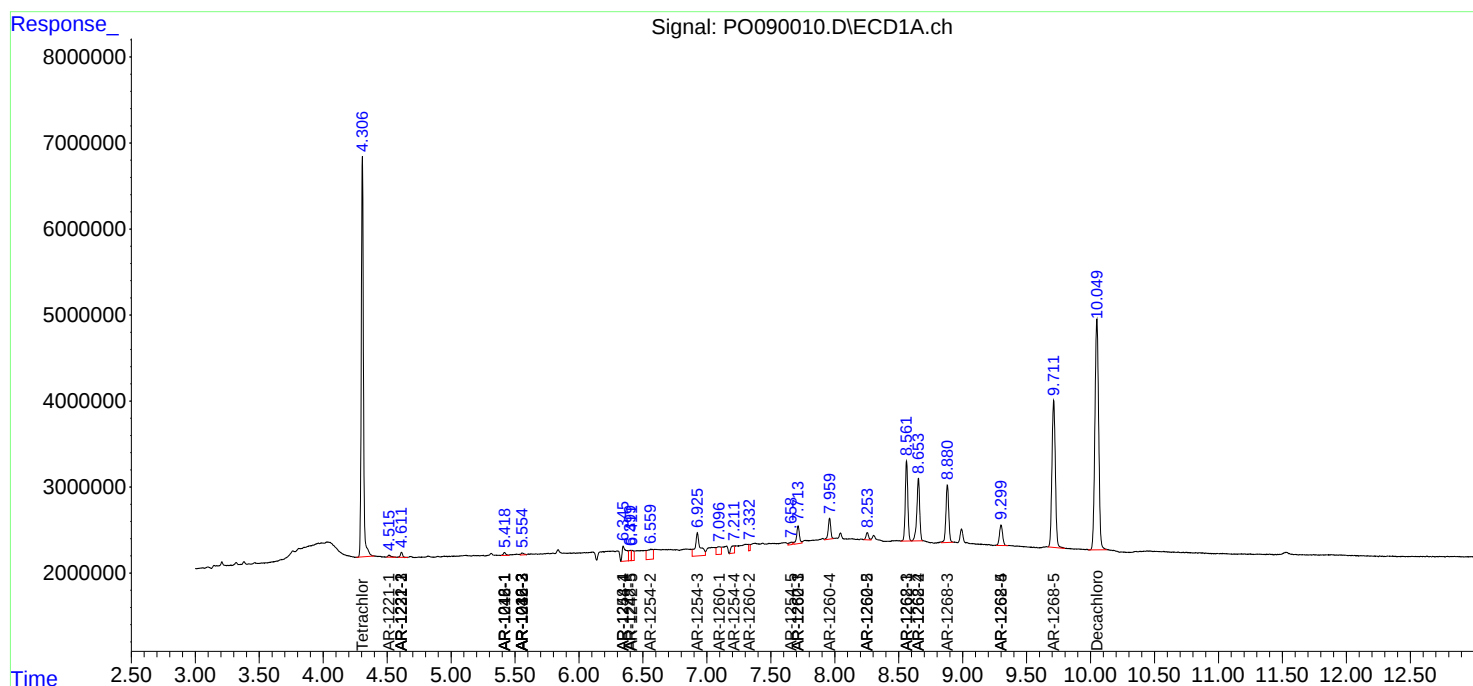
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

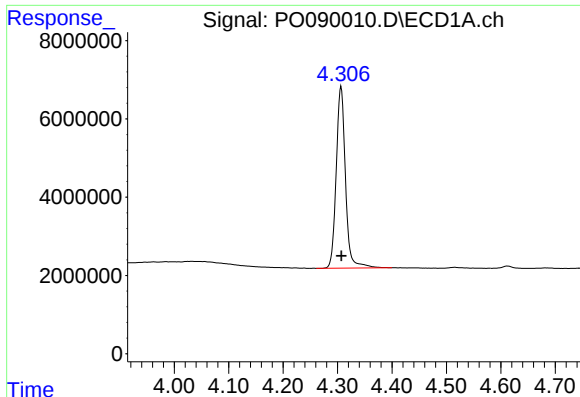
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

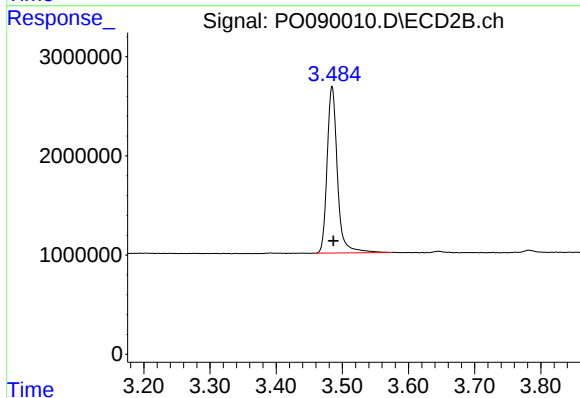




#1 Tetrachloro-m-xylene

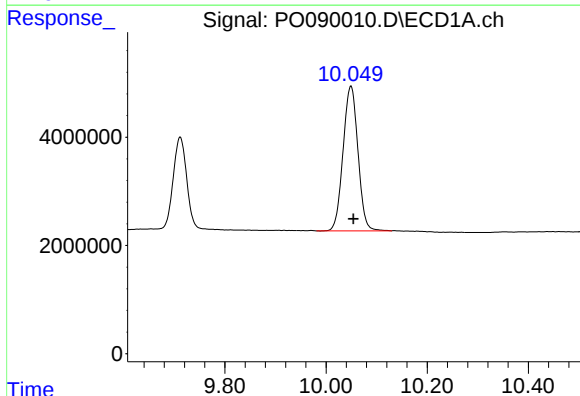
R.T.: 4.306 min
Delta R.T.: 0.000 min
Response: 54834814
Conc: 17.06 ng/ml

Instrument :
ECD_O
ClientSampleId :



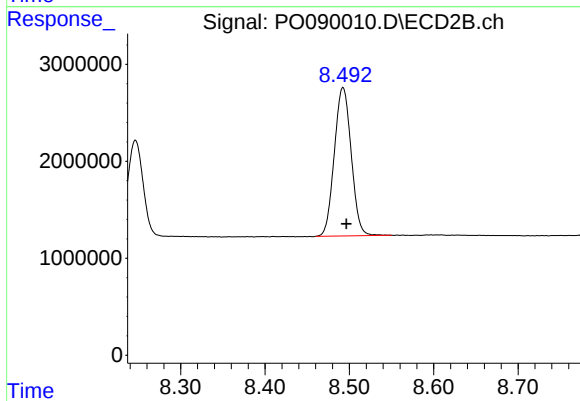
#1 Tetrachloro-m-xylene

R.T.: 3.485 min
Delta R.T.: -0.002 min
Response: 18175544
Conc: 17.10 ng/ml



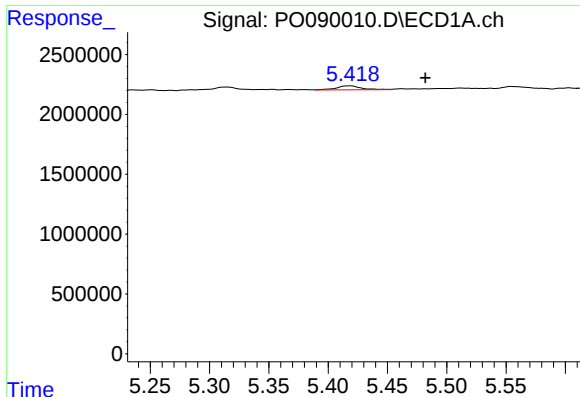
#2 Decachlorobiphenyl

R.T.: 10.049 min
Delta R.T.: -0.004 min
Response: 54590536
Conc: 22.28 ng/ml



#2 Decachlorobiphenyl

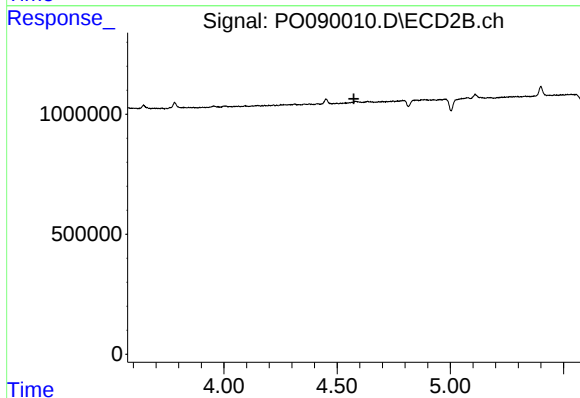
R.T.: 8.492 min
Delta R.T.: -0.004 min
Response: 21253581
Conc: 20.64 ng/ml



#3 AR-1016-1

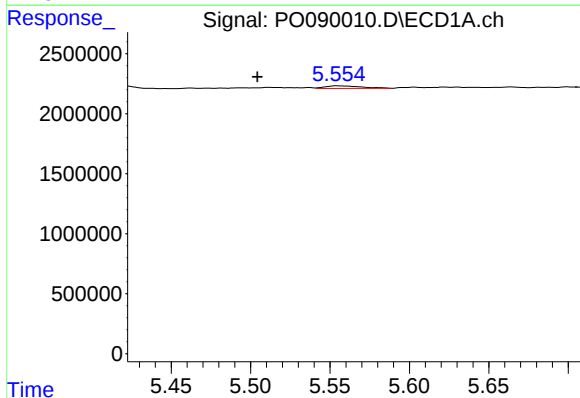
R.T.: 5.419 min
Delta R.T.: -0.064 min
Response: 499034
Conc: 4.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



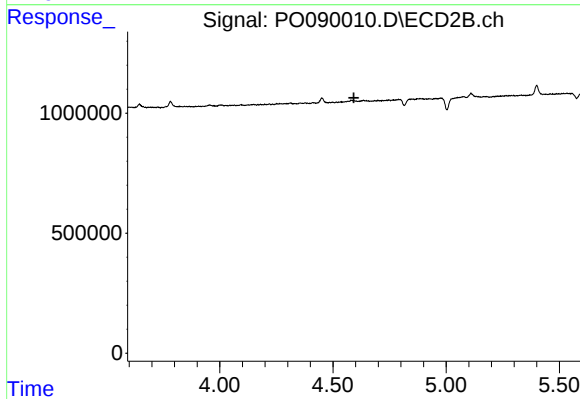
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.574 min
Response: 0
Conc: N.D.



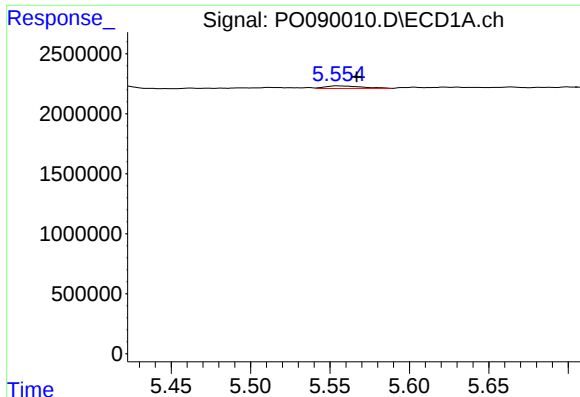
#4 AR-1016-2

R.T.: 5.555 min
Delta R.T.: 0.050 min
Response: 351170
Conc: 2.31 ng/ml



#4 AR-1016-2

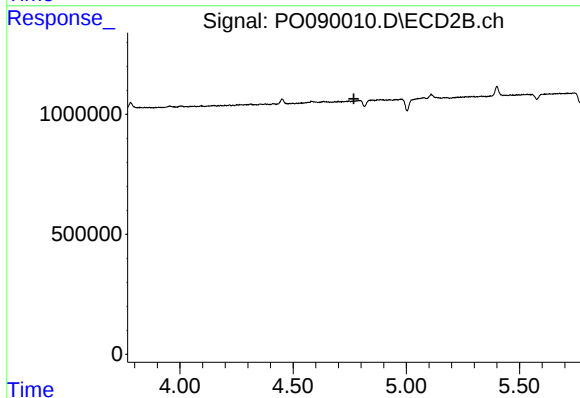
R.T.: 0.000 min
Exp R.T. : 4.593 min
Response: 0
Conc: N.D.



#5 AR-1016-3

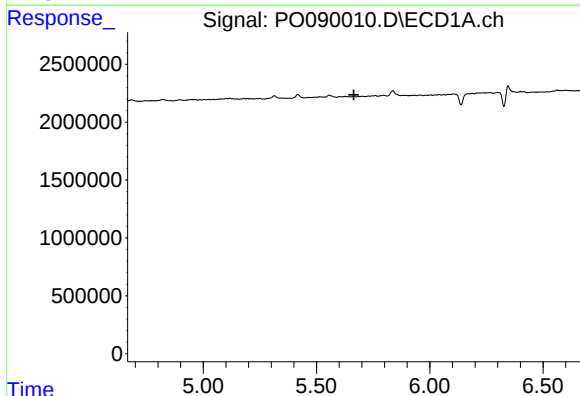
R.T.: 5.555 min
Delta R.T.: -0.012 min
Response: 351170
Conc: 3.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



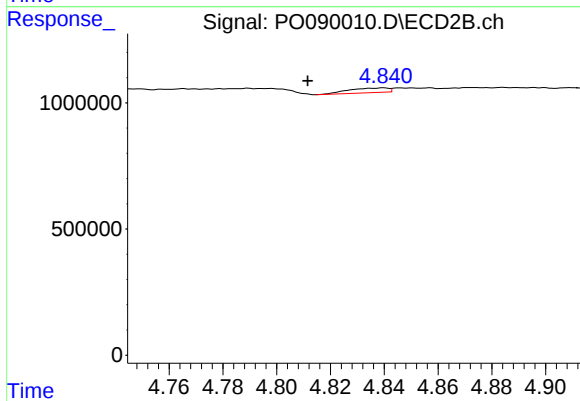
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.768 min
Response: 0
Conc: N.D.



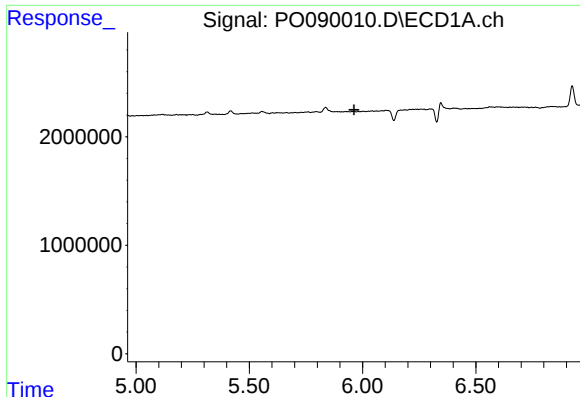
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 5.665 min
Response: 0
Conc: N.D.



#6 AR-1016-4

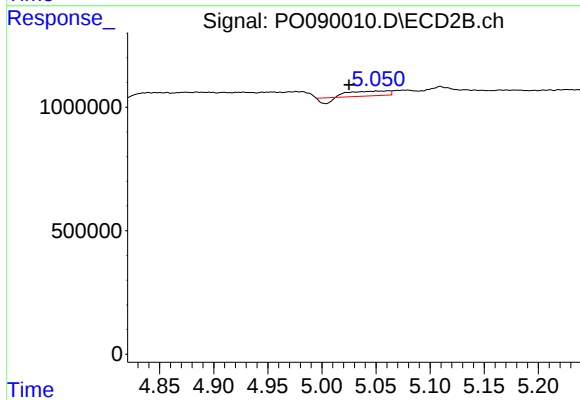
R.T.: 4.840 min
Delta R.T.: 0.028 min
Response: 189116
Conc: 7.62 ng/ml



#7 AR-1016-5

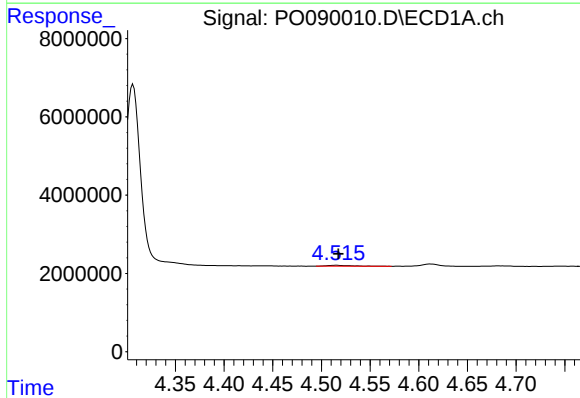
R.T.: 0.000 min
Exp R.T.: 5.962 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



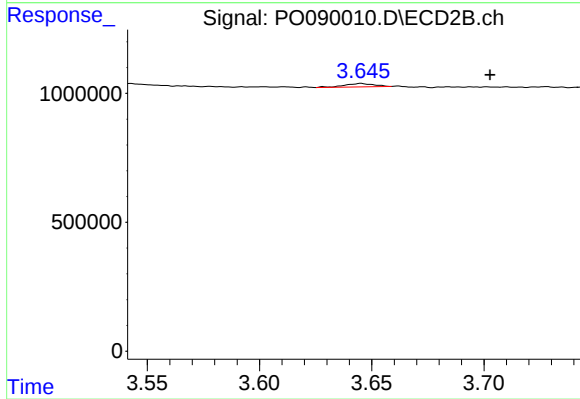
#7 AR-1016-5

R.T.: 5.061 min
Delta R.T.: 0.036 min
Response: 388252
Conc: 12.64 ng/ml



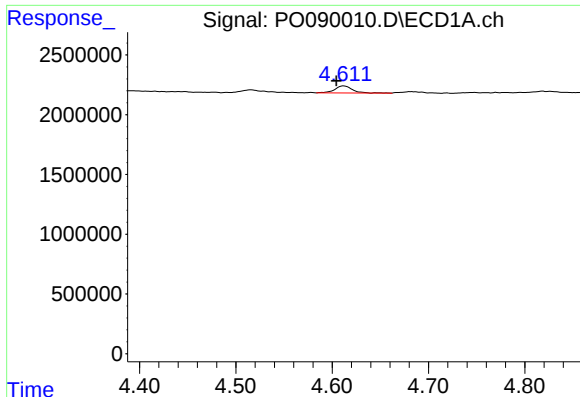
#8 AR-1221-1

R.T.: 4.516 min
Delta R.T.: -0.002 min
Response: 387269
Conc: 10.15 ng/ml



#8 AR-1221-1

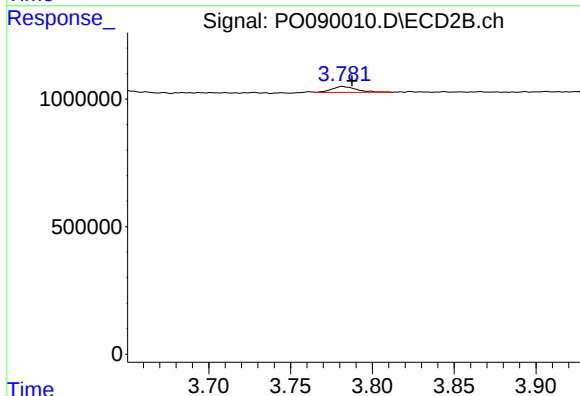
R.T.: 3.645 min
Delta R.T.: -0.057 min
Response: 116448
Conc: 8.72 ng/ml



#9 AR-1221-2

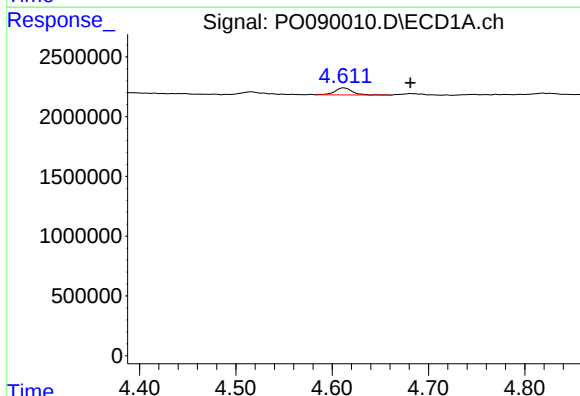
R.T.: 4.612 min
Delta R.T.: 0.007 min
Response: 738781
Conc: 25.99 ng/ml

Instrument :
ECD_O
ClientSampleId :



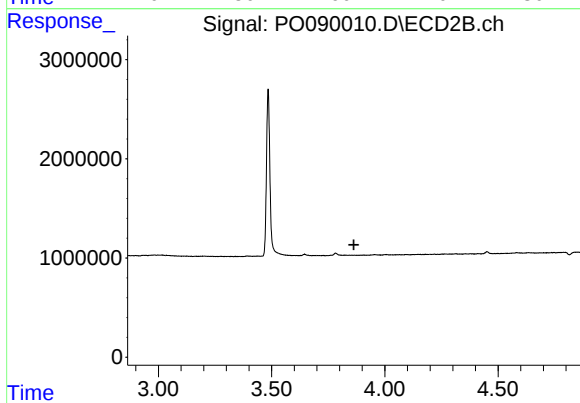
#9 AR-1221-2

R.T.: 3.782 min
Delta R.T.: -0.006 min
Response: 251194
Conc: 24.75 ng/ml



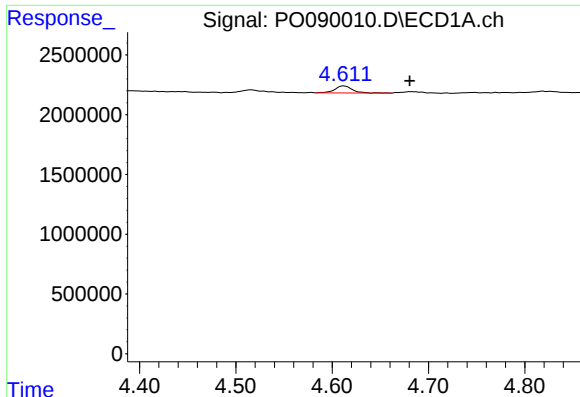
#10 AR-1221-3

R.T.: 4.612 min
Delta R.T.: -0.069 min
Response: 738781
Conc: 8.63 ng/ml



#10 AR-1221-3

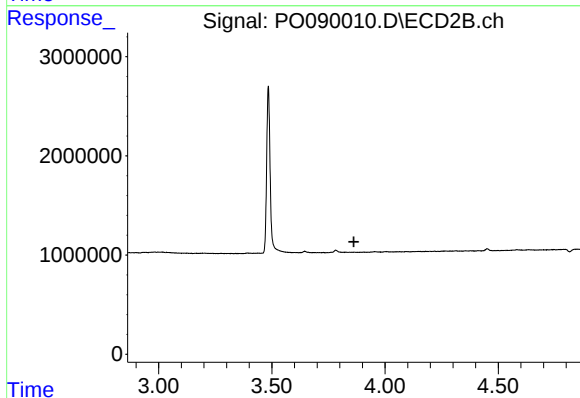
R.T.: 0.000 min
Exp R.T. : 3.864 min
Response: 0
Conc: N.D.



#11 AR-1232-1

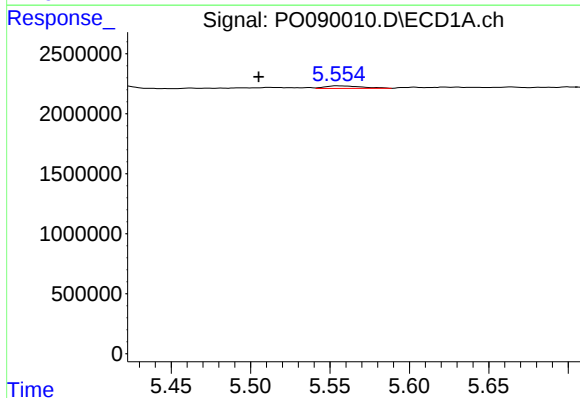
R.T.: 4.612 min
Delta R.T.: -0.069 min
Response: 738781
Conc: 11.28 ng/ml

Instrument :
ECD_O
ClientSampleId :



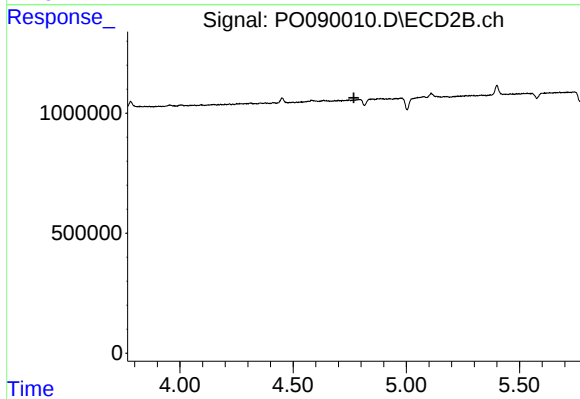
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 3.863 min
Response: 0
Conc: N.D.



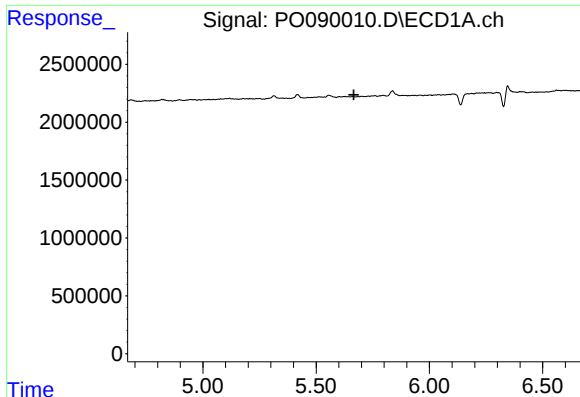
#13 AR-1232-3

R.T.: 5.555 min
Delta R.T.: 0.049 min
Response: 351170
Conc: 5.24 ng/ml



#13 AR-1232-3

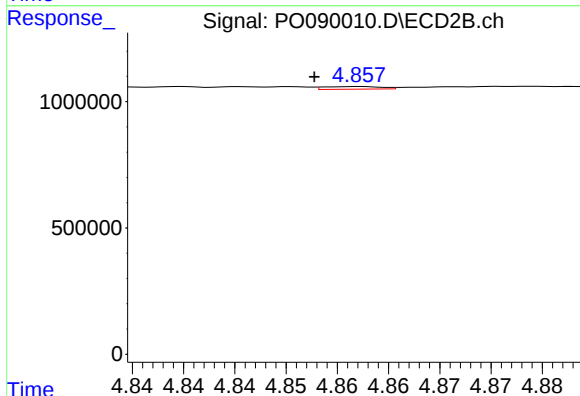
R.T.: 0.000 min
Exp R.T. : 4.768 min
Response: 0
Conc: N.D.



#14 AR-1232-4

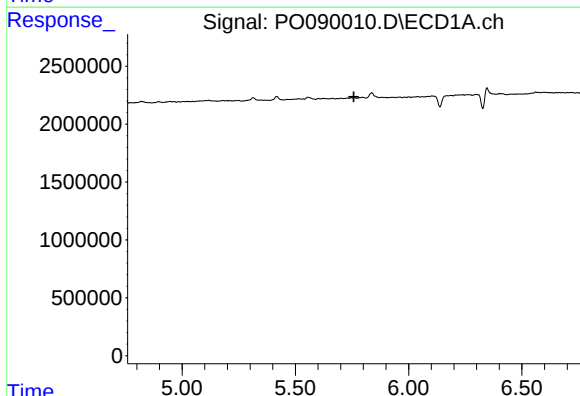
R.T.: 0.000 min
Exp R.T.: 5.666 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



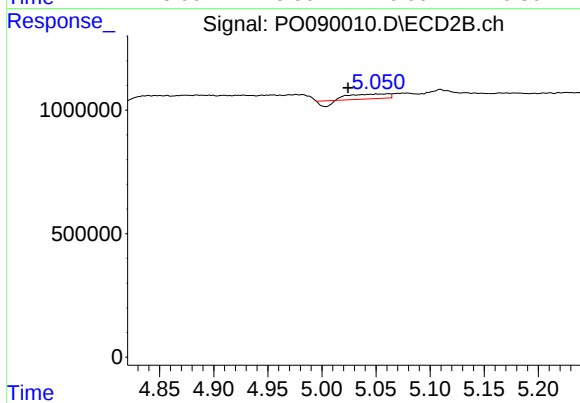
#14 AR-1232-4

R.T.: 4.857 min
Delta R.T.: 0.004 min
Response: 40193
Conc: 3.30 ng/ml



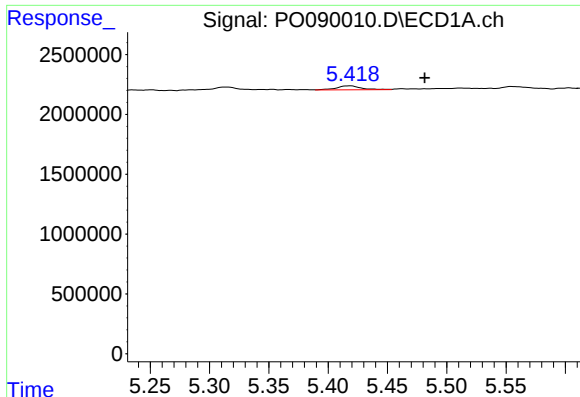
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T.: 5.759 min
Response: 0
Conc: N.D.



#15 AR-1232-5

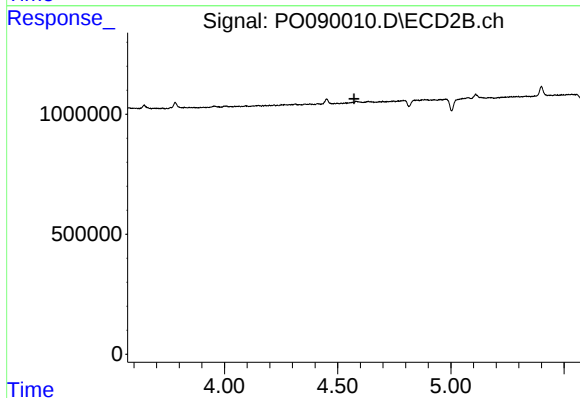
R.T.: 5.061 min
Delta R.T.: 0.037 min
Response: 388252
Conc: 29.08 ng/ml



#16 AR-1242-1

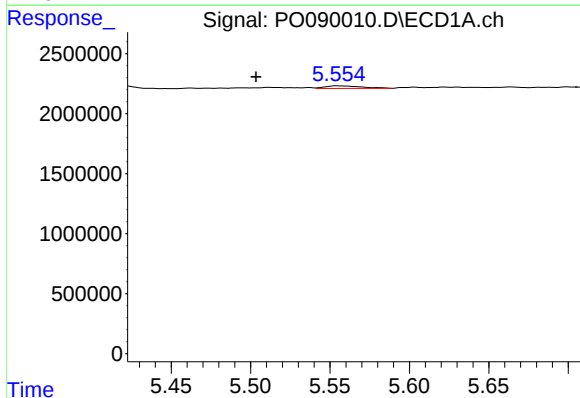
R.T.: 5.419 min
Delta R.T.: -0.063 min
Response: 499034
Conc: 6.03 ng/ml

Instrument :
ECD_O
ClientSampleId :



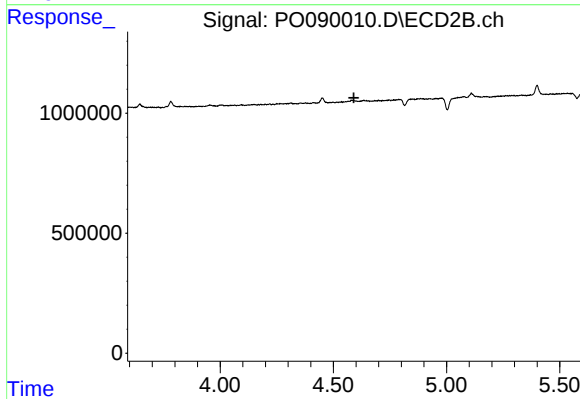
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 4.572 min
Response: 0
Conc: N.D.



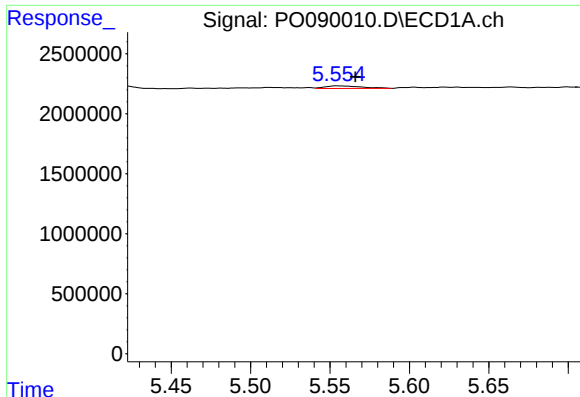
#17 AR-1242-2

R.T.: 5.555 min
Delta R.T.: 0.051 min
Response: 351170
Conc: 2.97 ng/ml



#17 AR-1242-2

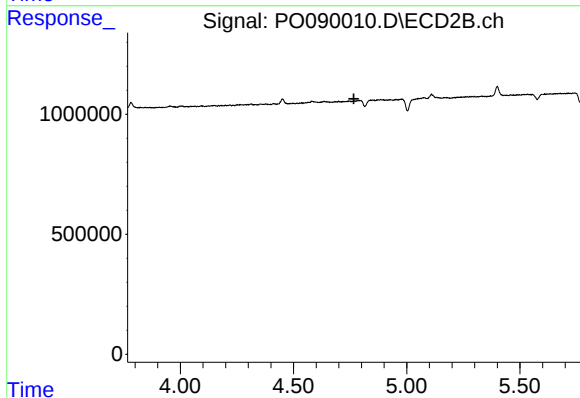
R.T.: 0.000 min
Exp R.T. : 4.591 min
Response: 0
Conc: N.D.



#18 AR-1242-3

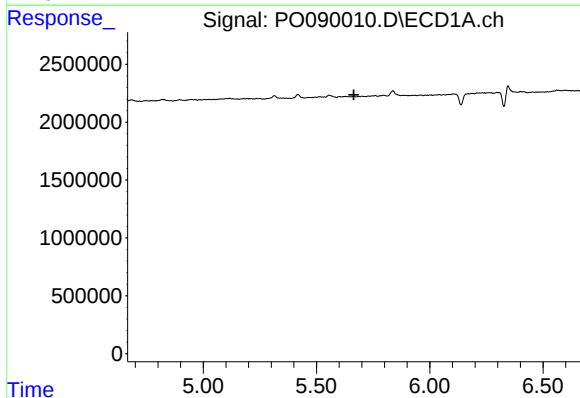
R.T.: 5.555 min
Delta R.T.: -0.011 min
Response: 351170
Conc: 4.72 ng/ml

Instrument :
ECD_O
ClientSampleId :



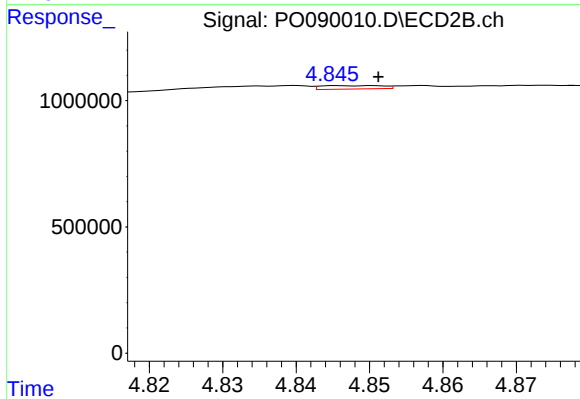
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 4.766 min
Response: 0
Conc: N.D.



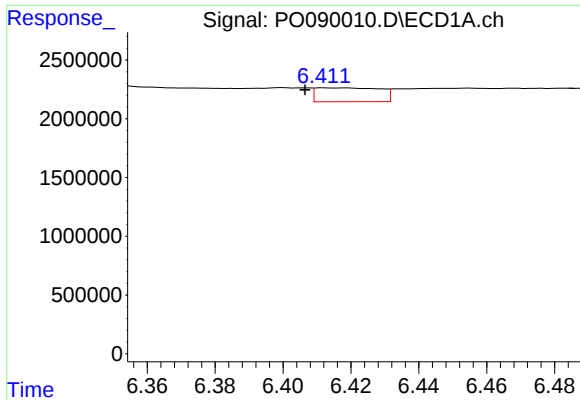
#19 AR-1242-4

R.T.: 0.000 min
Exp R.T. : 5.665 min
Response: 0
Conc: N.D.



#19 AR-1242-4

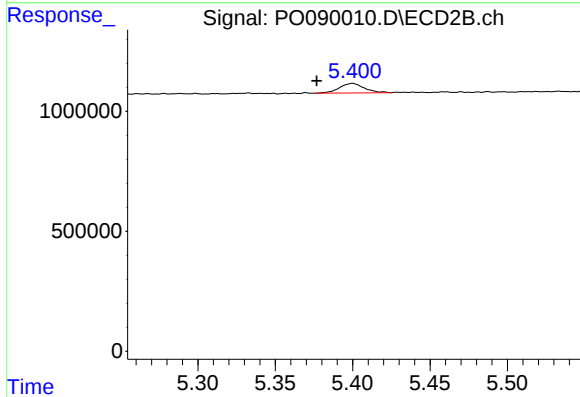
R.T.: 4.846 min
Delta R.T.: -0.006 min
Response: 80165
Conc: 3.38 ng/ml



#20 AR-1242-5

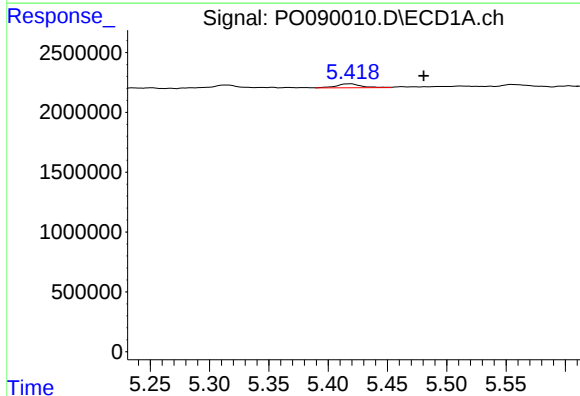
R.T.: 6.412 min
Delta R.T.: 0.005 min
Response: 1544756
Conc: 25.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



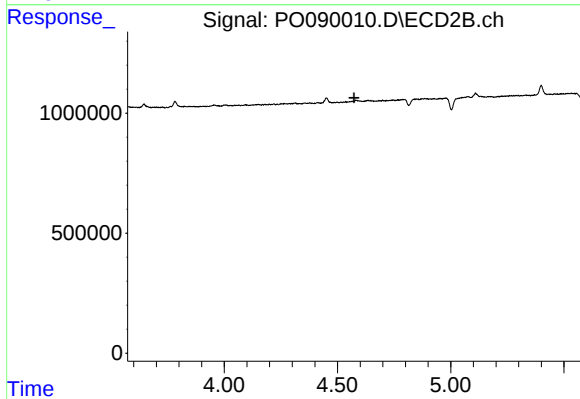
#20 AR-1242-5

R.T.: 5.400 min
Delta R.T.: 0.023 min
Response: 446533
Conc: 15.61 ng/ml



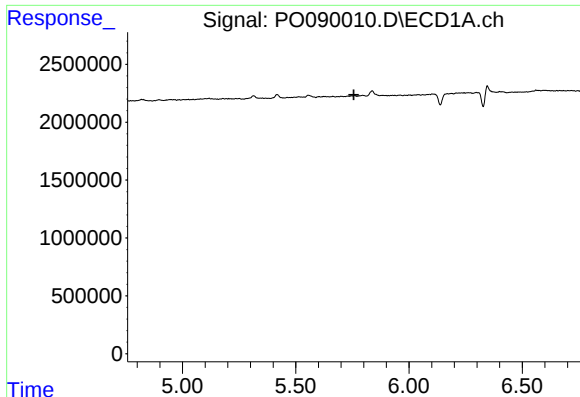
#21 AR-1248-1

R.T.: 5.419 min
Delta R.T.: -0.062 min
Response: 499034
Conc: 7.89 ng/ml



#21 AR-1248-1

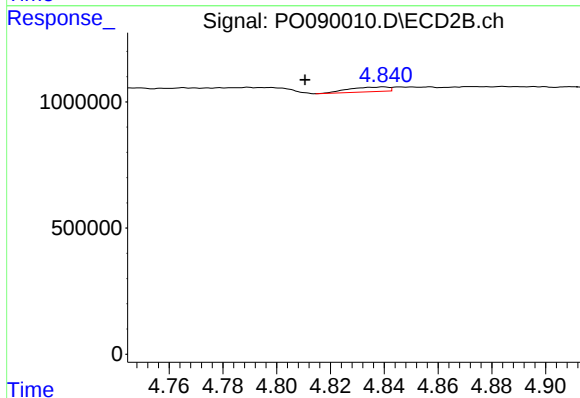
R.T.: 0.000 min
Exp R.T.: 4.573 min
Response: 0
Conc: N.D.



#22 AR-1248-2

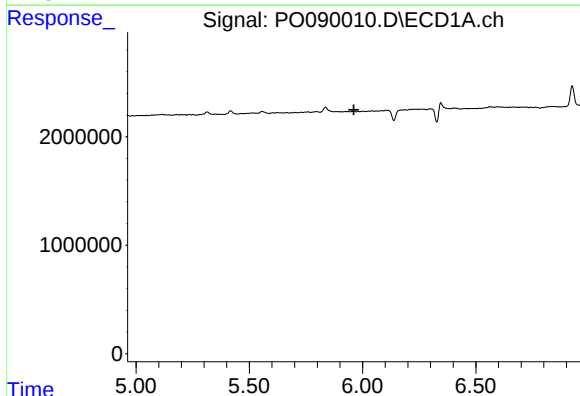
R.T.: 0.000 min
Exp R.T.: 5.757 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



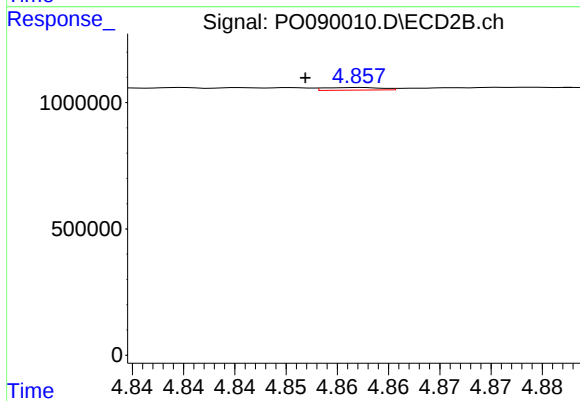
#22 AR-1248-2

R.T.: 4.840 min
Delta R.T.: 0.029 min
Response: 189116
Conc: 5.82 ng/ml



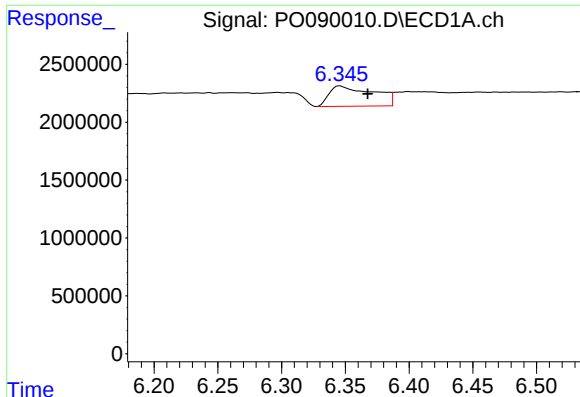
#23 AR-1248-3

R.T.: 0.000 min
Exp R.T.: 5.961 min
Response: 0
Conc: N.D.



#23 AR-1248-3

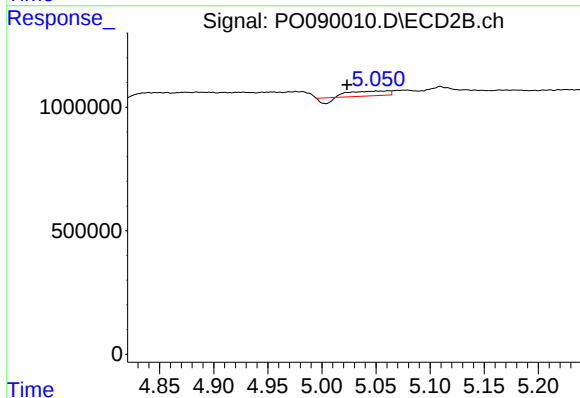
R.T.: 4.857 min
Delta R.T.: 0.005 min
Response: 40193
Conc: 1.19 ng/ml



#24 AR-1248-4

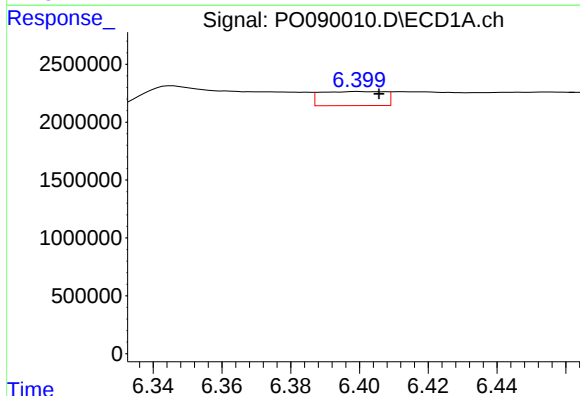
R.T.: 6.346 min
Delta R.T.: -0.022 min
Response: 4248298
Conc: 39.85 ng/ml

Instrument :
ECD_O
ClientSampleId :



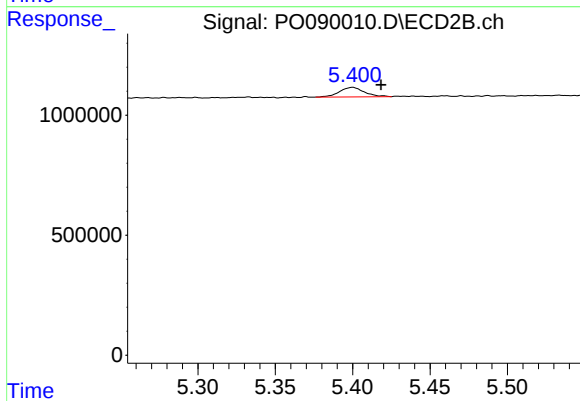
#24 AR-1248-4

R.T.: 5.061 min
Delta R.T.: 0.038 min
Response: 388252
Conc: 10.04 ng/ml



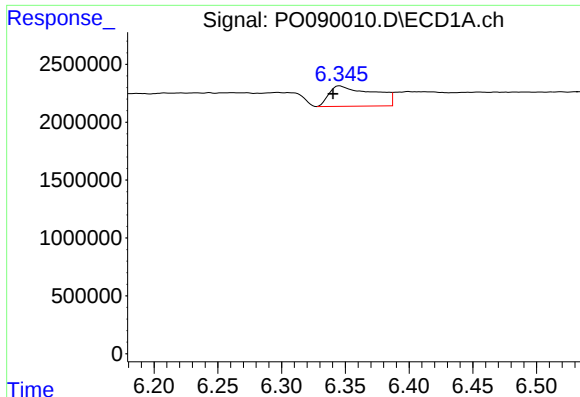
#25 AR-1248-5

R.T.: 6.400 min
Delta R.T.: -0.006 min
Response: 1577153
Conc: 15.01 ng/ml



#25 AR-1248-5

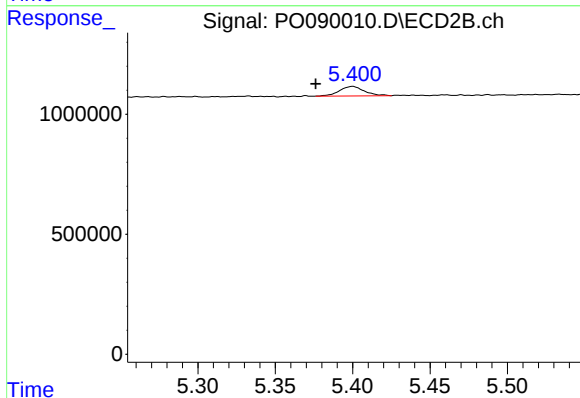
R.T.: 5.400 min
Delta R.T.: -0.018 min
Response: 446533
Conc: 12.33 ng/ml



#26 AR-1254-1

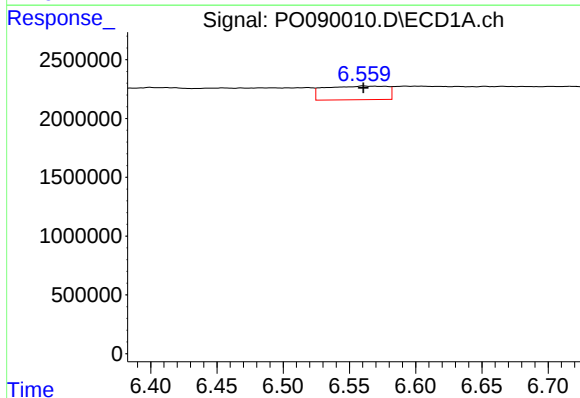
R.T.: 6.346 min
Delta R.T.: 0.005 min
Response: 4248298
Conc: 36.66 ng/ml

Instrument :
ECD_O
ClientSampleId :



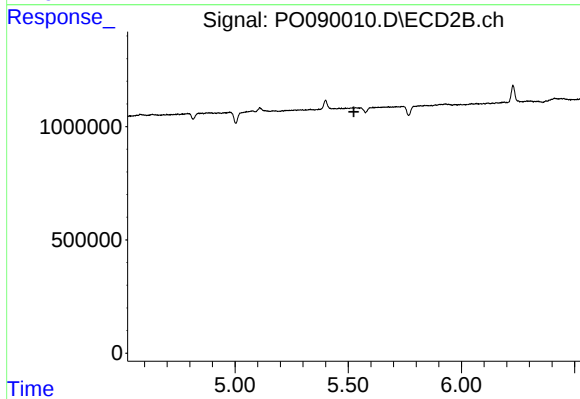
#26 AR-1254-1

R.T.: 5.400 min
Delta R.T.: 0.024 min
Response: 446533
Conc: 7.58 ng/ml



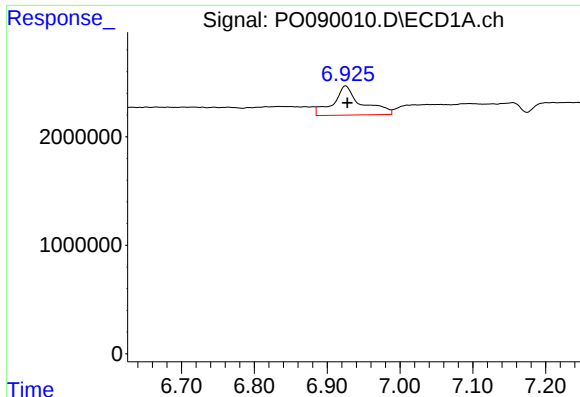
#27 AR-1254-2

R.T.: 6.560 min
Delta R.T.: 0.000 min
Response: 3797193
Conc: 21.83 ng/ml



#27 AR-1254-2

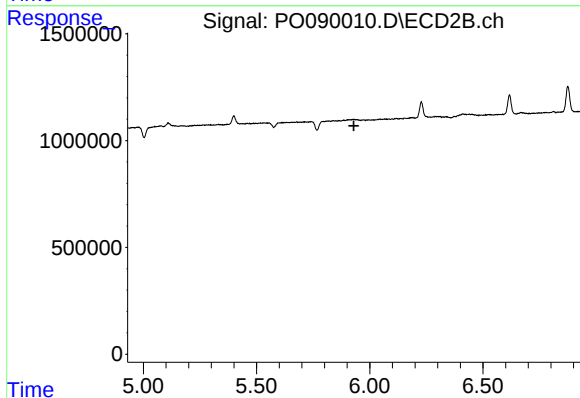
R.T.: 0.000 min
Exp R.T.: 5.525 min
Response: 0
Conc: N.D.



#28 AR-1254-3

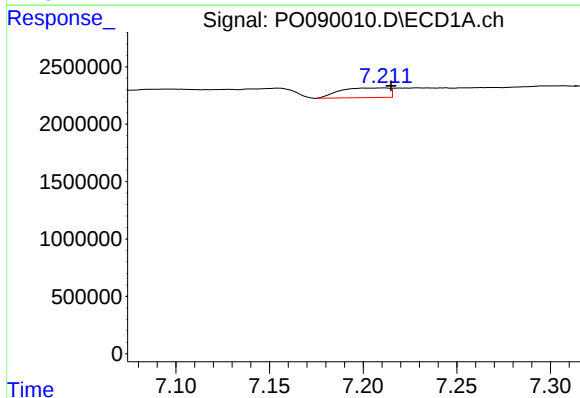
R.T.: 6.926 min
Delta R.T.: -0.002 min
Response: 7282381
Conc: 41.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



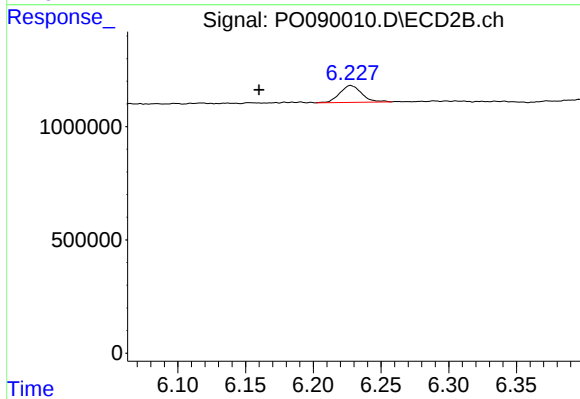
#28 AR-1254-3

R.T.: 0.000 min
Exp R.T. : 5.930 min
Response: 0
Conc: N.D.



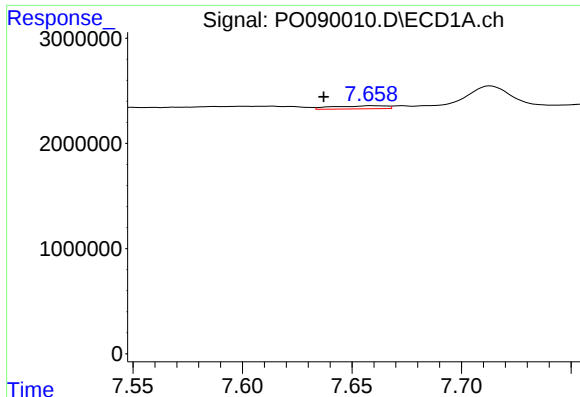
#29 AR-1254-4

R.T.: 7.211 min
Delta R.T.: -0.004 min
Response: 1530513
Conc: 12.01 ng/ml



#29 AR-1254-4

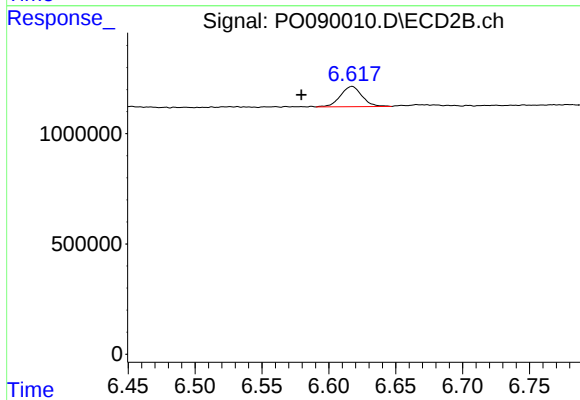
R.T.: 6.227 min
Delta R.T.: 0.067 min
Response: 837271
Conc: 16.86 ng/ml



#30 AR-1254-5

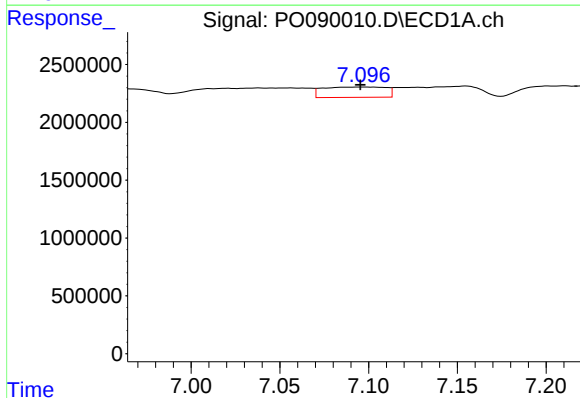
R.T.: 7.659 min
Delta R.T.: 0.022 min
Response: 492143
Conc: 3.49 ng/ml

Instrument :
ECD_O
ClientSampleId :



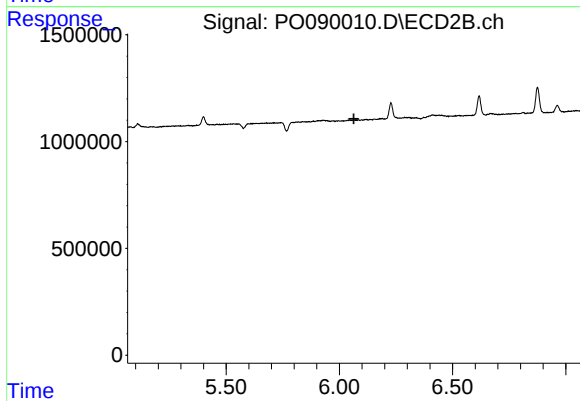
#30 AR-1254-5

R.T.: 6.617 min
Delta R.T.: 0.038 min
Response: 1040706
Conc: 13.90 ng/ml



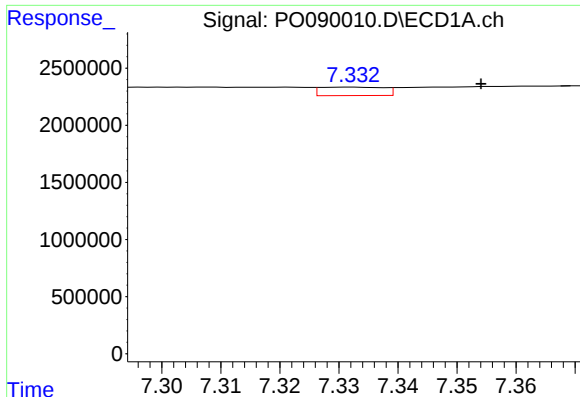
#31 AR-1260-1

R.T.: 7.096 min
Delta R.T.: 0.000 min
Response: 2195736
Conc: 15.66 ng/ml



#31 AR-1260-1

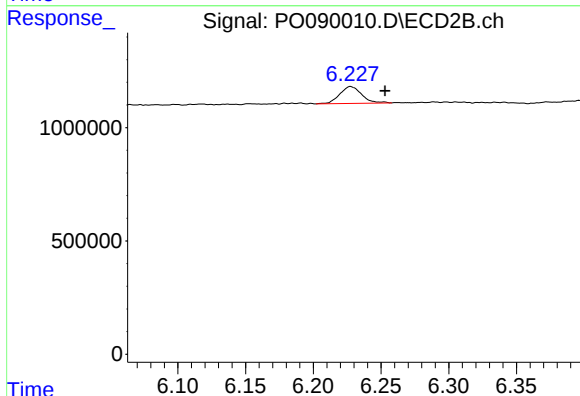
R.T.: 0.000 min
Exp R.T.: 6.064 min
Response: 0
Conc: N.D.



#32 AR-1260-2

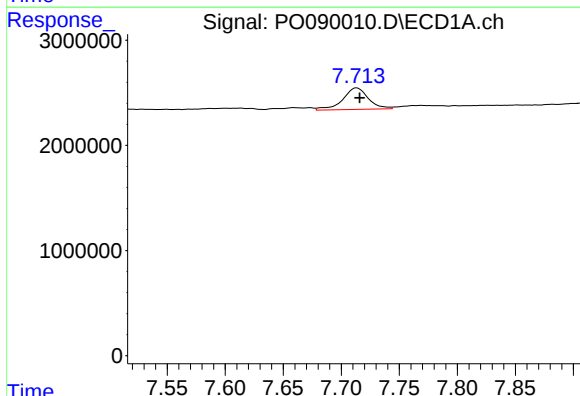
R.T.: 7.332 min
Delta R.T.: -0.022 min
Response: 560171
Conc: 3.46 ng/ml

Instrument :
ECD_O
ClientSampleId :



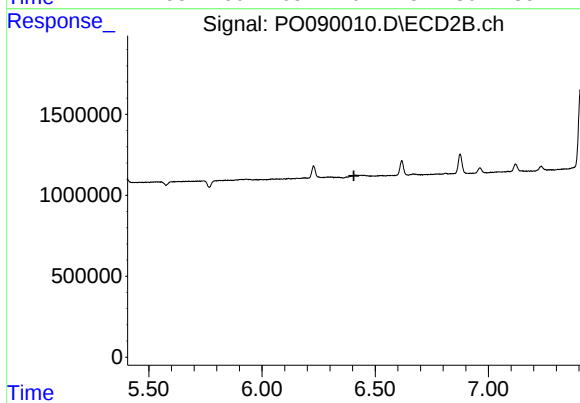
#32 AR-1260-2

R.T.: 6.227 min
Delta R.T.: -0.025 min
Response: 837271
Conc: 11.59 ng/ml



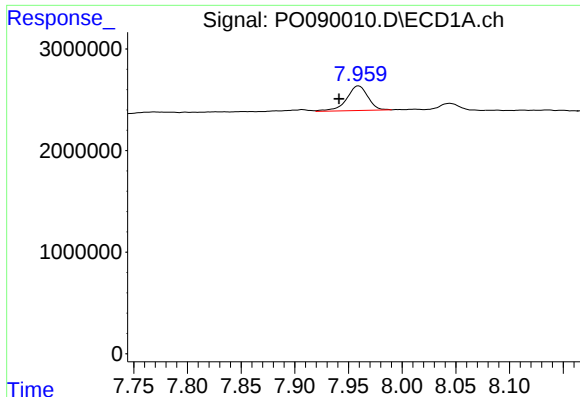
#33 AR-1260-3

R.T.: 7.713 min
Delta R.T.: -0.003 min
Response: 3156142
Conc: 30.04 ng/ml



#33 AR-1260-3

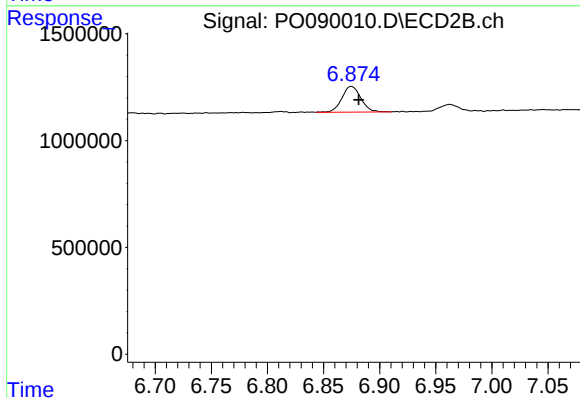
R.T.: 0.000 min
Exp R.T.: 6.406 min
Response: 0
Conc: N.D.



#34 AR-1260-4

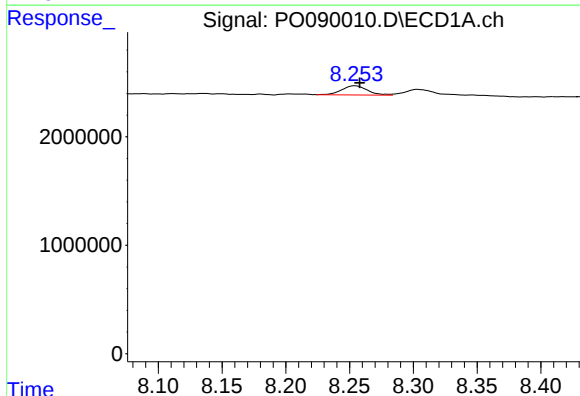
R.T.: 7.959 min
Delta R.T.: 0.018 min
Response: 3385281
Conc: 27.40 ng/ml

Instrument :
ECD_O
ClientSampleId :



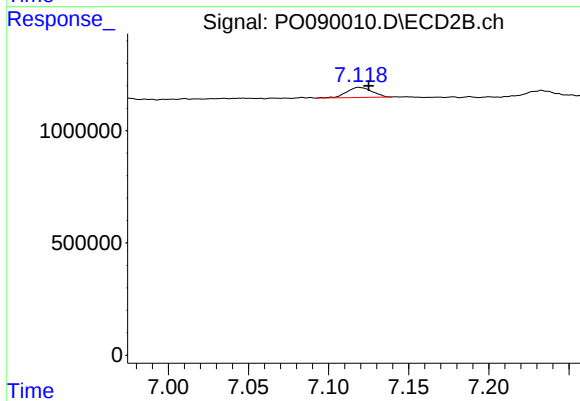
#34 AR-1260-4

R.T.: 6.875 min
Delta R.T.: -0.006 min
Response: 1430014
Conc: 28.11 ng/ml



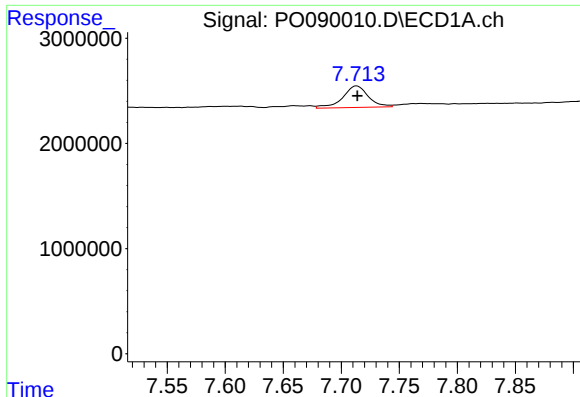
#35 AR-1260-5

R.T.: 8.254 min
Delta R.T.: -0.004 min
Response: 1199581
Conc: 5.27 ng/ml



#35 AR-1260-5

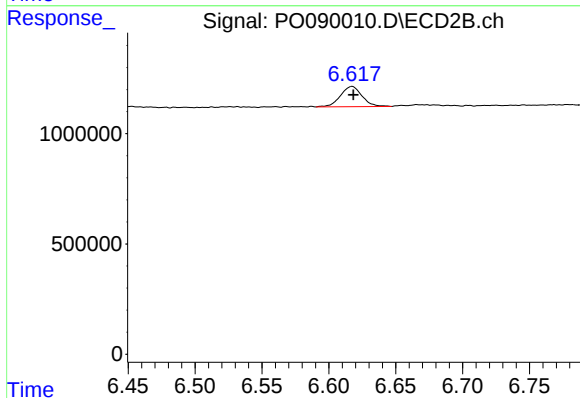
R.T.: 7.119 min
Delta R.T.: -0.006 min
Response: 500301
Conc: 4.31 ng/ml



#36 AR-1262-1

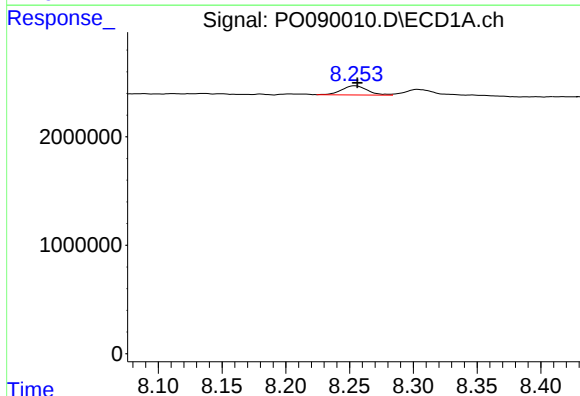
R.T.: 7.713 min
Delta R.T.: 0.000 min
Response: 3156142
Conc: 19.04 ng/ml

Instrument :
ECD_O
ClientSampleId :



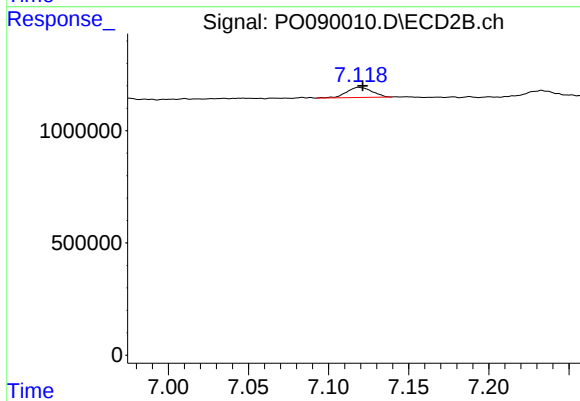
#36 AR-1262-1

R.T.: 6.617 min
Delta R.T.: 0.000 min
Response: 1040706
Conc: 13.73 ng/ml



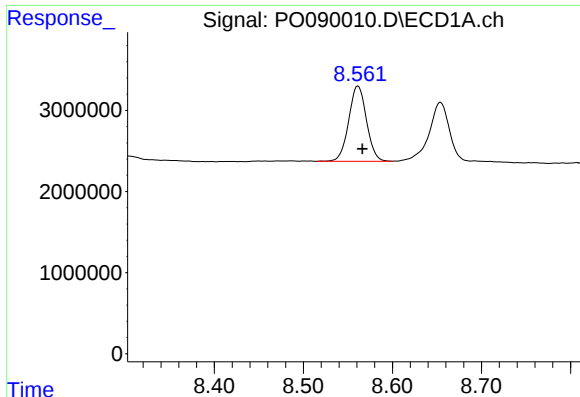
#37 AR-1262-2

R.T.: 8.254 min
Delta R.T.: -0.002 min
Response: 1199581
Conc: 4.27 ng/ml



#37 AR-1262-2

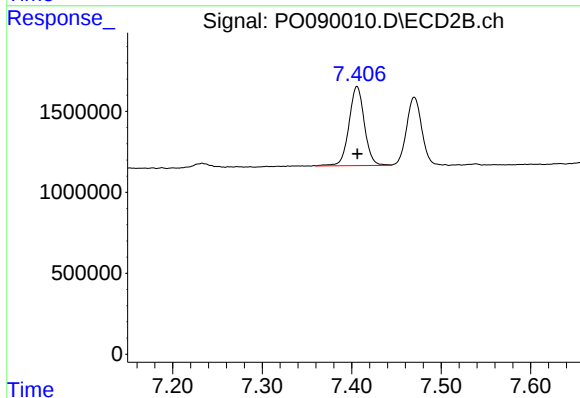
R.T.: 7.119 min
Delta R.T.: -0.002 min
Response: 500301
Conc: 3.90 ng/ml



#38 AR-1262-3

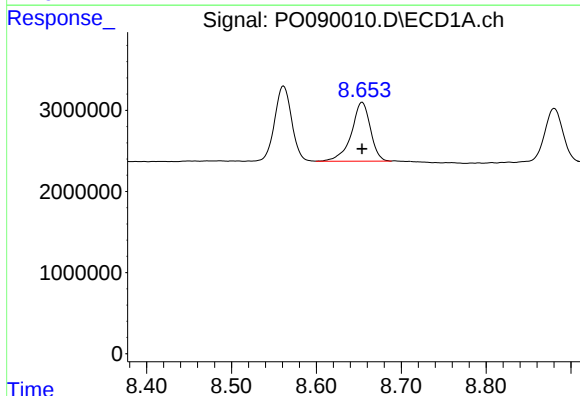
R.T.: 8.561 min
Delta R.T.: -0.005 min
Response: 12900882
Conc: 65.70 ng/ml

Instrument :
ECD_O
ClientSampleId :



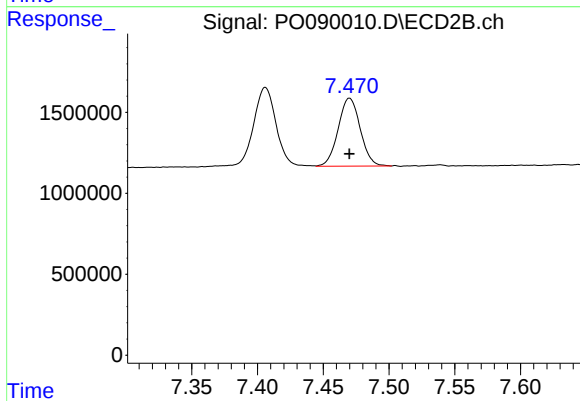
#38 AR-1262-3

R.T.: 7.406 min
Delta R.T.: 0.000 min
Response: 5853422
Conc: 107.48 ng/ml



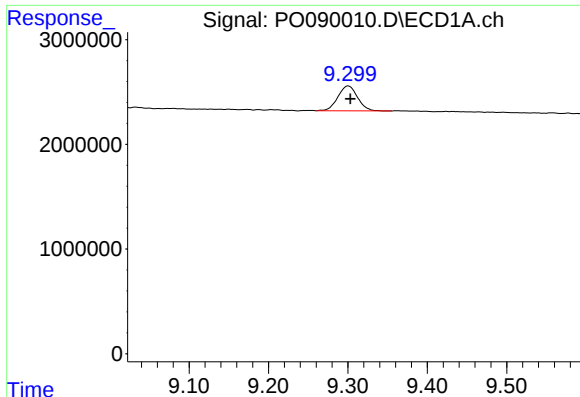
#39 AR-1262-4

R.T.: 8.654 min
Delta R.T.: 0.000 min
Response: 11297594
Conc: 116.11 ng/ml



#39 AR-1262-4

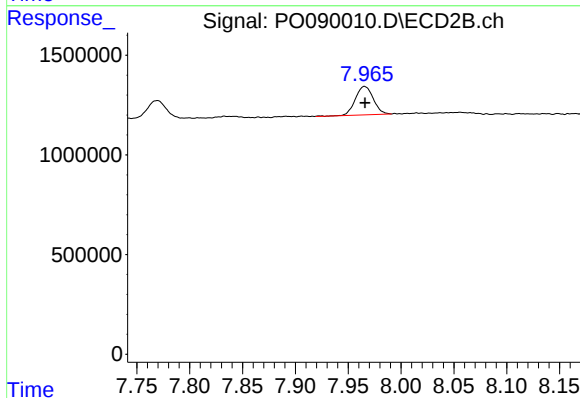
R.T.: 7.470 min
Delta R.T.: 0.000 min
Response: 4907537
Conc: 50.53 ng/ml



#40 AR-1262-5

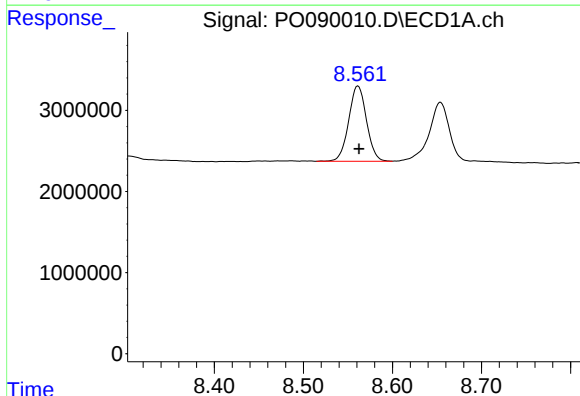
R.T.: 9.300 min
Delta R.T.: -0.003 min
Response: 4092821
Conc: 38.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



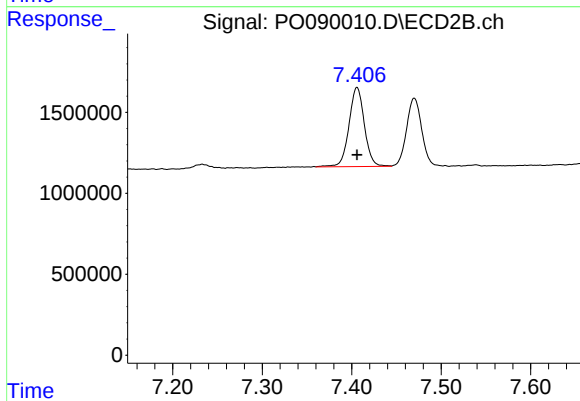
#40 AR-1262-5

R.T.: 7.965 min
Delta R.T.: 0.000 min
Response: 1685459
Conc: 35.51 ng/ml



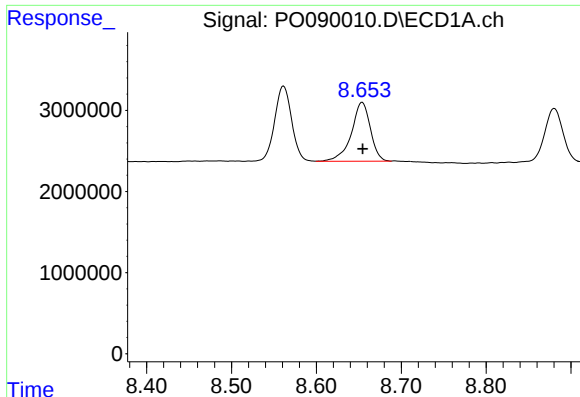
#41 AR-1268-1

R.T.: 8.561 min
Delta R.T.: -0.001 min
Response: 12900882
Conc: 37.00 ng/ml



#41 AR-1268-1

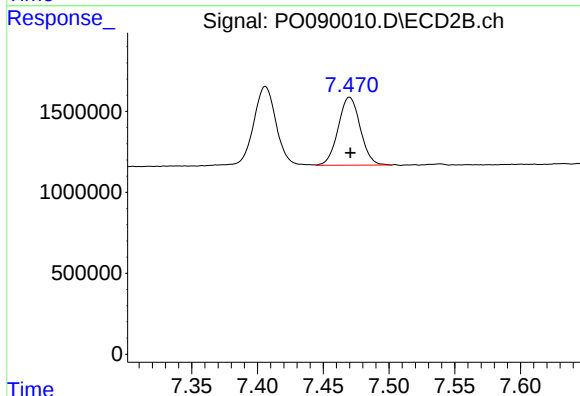
R.T.: 7.406 min
Delta R.T.: 0.000 min
Response: 5853422
Conc: 37.15 ng/ml



#42 AR-1268-2

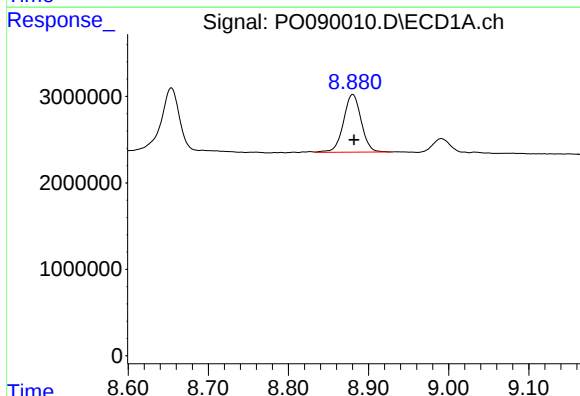
R.T.: 8.654 min
Delta R.T.: 0.000 min
Response: 11297594
Conc: 36.21 ng/ml

Instrument :
ECD_O
ClientSampleId :



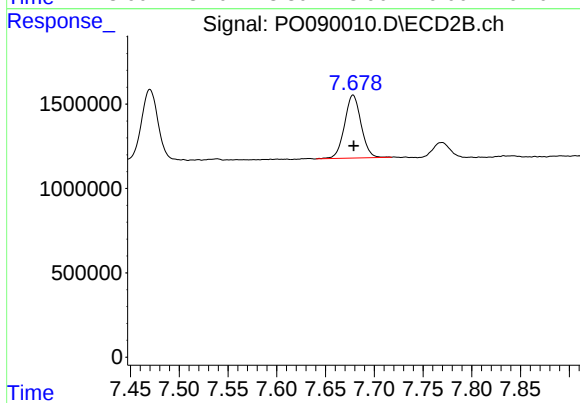
#42 AR-1268-2

R.T.: 7.470 min
Delta R.T.: 0.000 min
Response: 4907537
Conc: 34.98 ng/ml



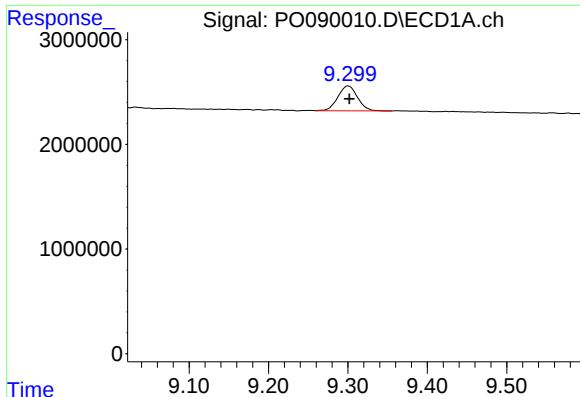
#43 AR-1268-3

R.T.: 8.880 min
Delta R.T.: -0.002 min
Response: 10290380
Conc: 38.29 ng/ml



#43 AR-1268-3

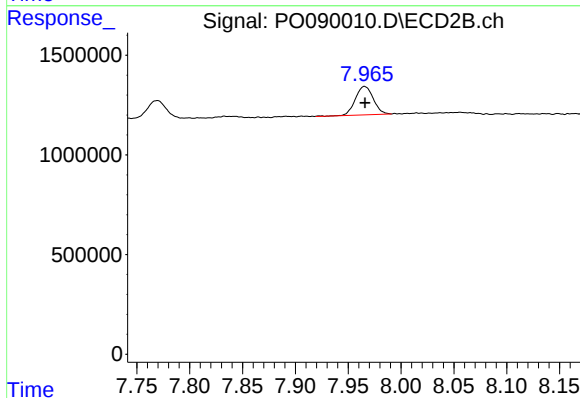
R.T.: 7.678 min
Delta R.T.: 0.000 min
Response: 4405328
Conc: 36.71 ng/ml



#44 AR-1268-4

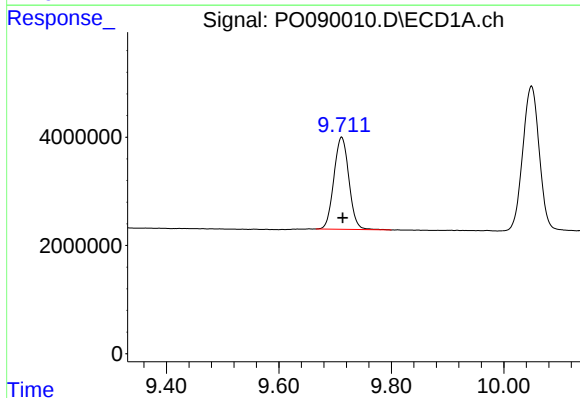
R.T.: 9.300 min
Delta R.T.: -0.001 min
Response: 4092821
Conc: 35.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



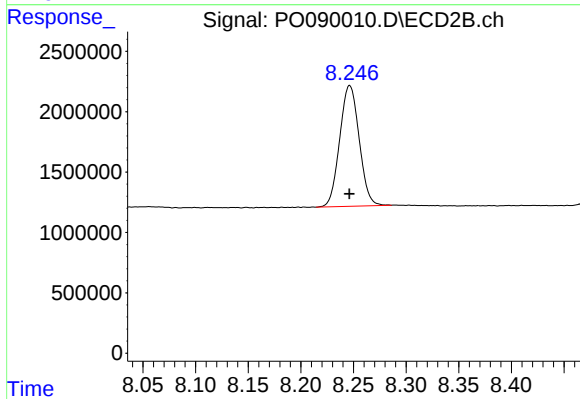
#44 AR-1268-4

R.T.: 7.965 min
Delta R.T.: 0.000 min
Response: 1685459
Conc: 31.03 ng/ml



#45 AR-1268-5

R.T.: 9.712 min
Delta R.T.: -0.002 min
Response: 31657324
Conc: 36.92 ng/ml



#45 AR-1268-5

R.T.: 8.246 min
Delta R.T.: 0.000 min
Response: 12883989
Conc: 36.80 ng/ml