

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112020\
 Data File : PO073368.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 20 Nov 2020 10:18
 Operator : DD\AJ
 Sample : L4791-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 EMS-3-0002

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 20 17:05:29 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\PO111720.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Nov 19 12:09:14 2020
 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...	4.947	4.011	1206487	768214	19.174	21.400
2)	SA Decachlor...	10.981	9.277	1063801	636945	19.875	18.231
Target Compounds							
3)	L1 AR-1016-1	6.272	5.260	81729	19393	31.206	12.610 #
4)	L1 AR-1016-2	6.296	5.281	84172	45273	24.059	21.571
5)	L1 AR-1016-3	6.360	5.467	58389	22503	27.972	22.617
6)	L1 AR-1016-4	0.000	5.522	0	35077	N.D.	38.745 #
7)	L1 AR-1016-5	0.000	5.747	0	37577	N.D.	32.853 #
8)	L2 AR-1221-1	0.000	4.276	0	4901	N.D.	11.332 #
9)	L2 AR-1221-2	0.000	4.360	0	22375	N.D.	68.529 #
10)	L2 AR-1221-3	5.376	4.450	164012	5421	97.979	5.490 #
11)	L3 AR-1232-1	5.376	4.450	164012	5421	114.329	6.306 #
12)	L3 AR-1232-2	0.000	5.281	0	45273	N.D.	48.563 #
13)	L3 AR-1232-3	6.296	5.467	84172	22503	54.396	49.811
14)	L3 AR-1232-4	0.000	5.565	0	39576	N.D.	89.833 #
15)	L3 AR-1232-5	6.567	5.747	63985	37577	122.234	75.643 #
16)	L4 AR-1242-1	6.272	5.260	81729	19393	38.396	15.684 #
17)	L4 AR-1242-2	6.296	5.281	84172	45273	29.758	27.143
18)	L4 AR-1242-3	6.360	5.467	58389	22503	34.733	27.266
19)	L4 AR-1242-4	0.000	5.565	0	39576	N.D.	44.741 #
20)	L4 AR-1242-5	7.256	6.126	126666	86622	79.110	74.249
21)	L5 AR-1248-1	6.272	5.260	81729	19393	54.503	20.595 #
22)	L5 AR-1248-2	6.567	5.522	63985	35077	32.251	27.698
23)	L5 AR-1248-3	0.000	5.565	0	39576	N.D.	30.091 #
24)	L5 AR-1248-4	7.215	5.747	99001	37577	33.303	23.737 #
25)	L5 AR-1248-5	7.256	6.169	126666	69372	45.353	41.834
26)	L6 AR-1254-1	7.185	6.126	95888	86622	32.561	35.225
27)	L6 AR-1254-2	7.420	6.284	179638	36112	37.711	16.517 #
28)	L6 AR-1254-3	7.801	6.701	127940	66890	26.758	18.322 #
29)	L6 AR-1254-4	8.096	6.939	69335	37910	16.243	15.853
30)	L6 AR-1254-5	8.525	7.366	80202	66816	20.091	20.159
31)	L7 AR-1260-1	7.966	6.837	55482	57455	18.552	25.349 #
32)	L7 AR-1260-2	8.231	7.034	247891	57261	57.857	21.268 #
33)	L7 AR-1260-3	8.599	7.188	185160	54594	57.199	22.169 #
34)	L7 AR-1260-4	8.833	7.668	129345	100795	41.459	49.457
35)	L7 AR-1260-5	9.158	7.914	333903	187482	46.465	39.609
36)	L8 AR-1262-1	8.599	7.366	185160	66816	37.450	41.648
37)	L8 AR-1262-2	9.158	7.914	333903	187482	40.646	35.708
38)	L8 AR-1262-3	9.469	8.199	391003	189025	75.776	90.345
39)	L8 AR-1262-4	9.565	8.264	365088	228274	92.282	60.201 #
40)	L8 AR-1262-5	10.232	8.756	223610	117073	81.682	68.047
41)	L9 AR-1268-1	9.469	8.199	391003	189025	37.297	31.718

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 Sample : L4791-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

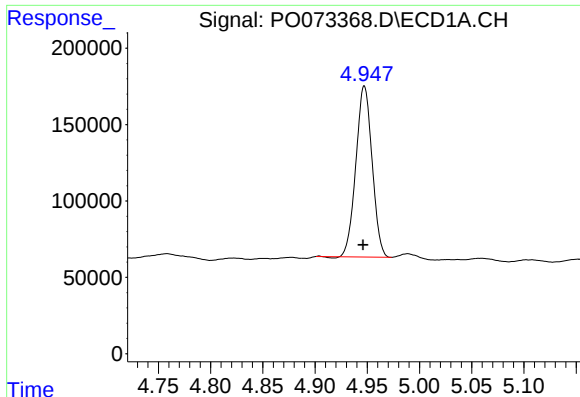
Instrument :
 ECD_O
 ClientSampleId :
 EMS-3-0002

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 20 17:05:29 2020
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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	9.565	8.264	365088	228274	39.927	43.420
43) L9	AR-1268-3	9.791	8.470	111922	47398	13.512	10.409
44) L9	AR-1268-4	10.232	8.756	223610	117073	71.160	63.417
45) L9	AR-1268-5	10.646	9.035	302948	180341	12.253	12.555

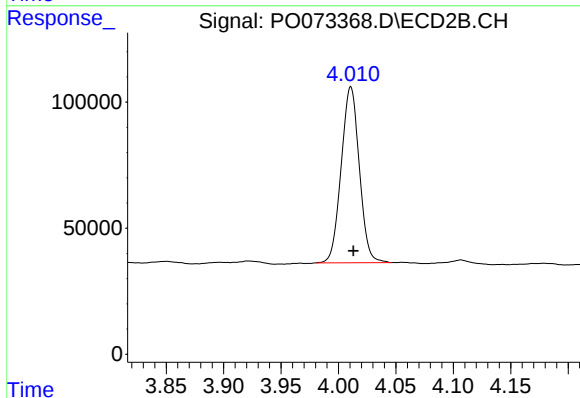
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

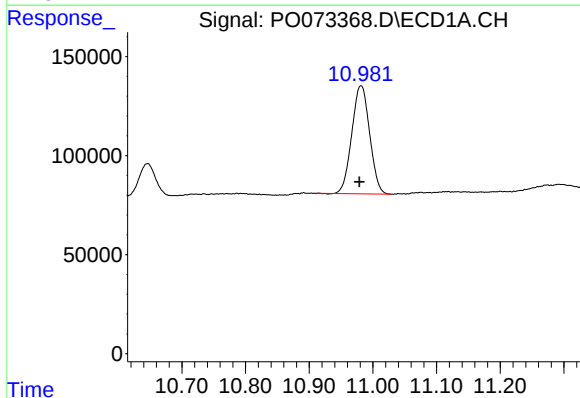
R.T.: 4.947 min
Delta R.T.: 0.001 min
Response: 1206487
Conc: 19.17 ng/ml

Instrument :
ECD_O
ClientSampleId :
EMS-3-0002



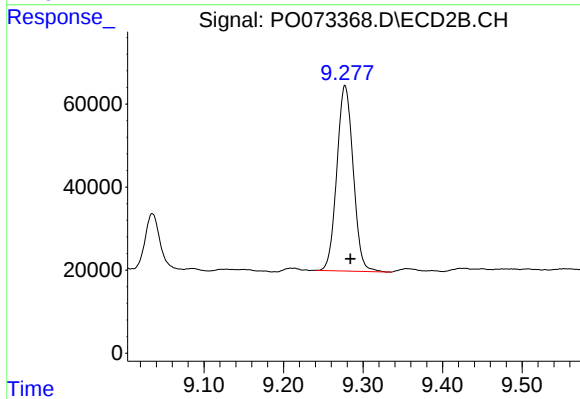
#1 Tetrachloro-m-xylene

R.T.: 4.011 min
Delta R.T.: -0.002 min
Response: 768214
Conc: 21.40 ng/ml



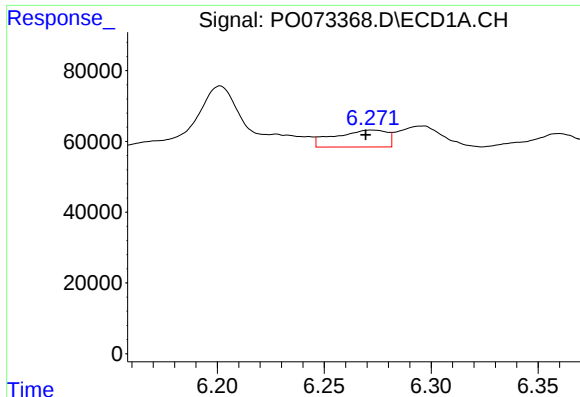
#2 Decachlorobiphenyl

R.T.: 10.981 min
Delta R.T.: 0.002 min
Response: 1063801
Conc: 19.88 ng/ml



#2 Decachlorobiphenyl

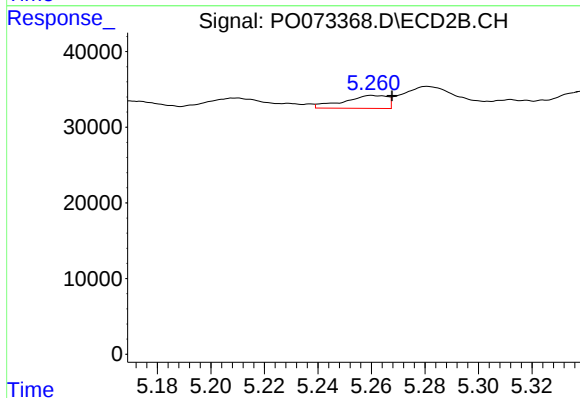
R.T.: 9.277 min
Delta R.T.: -0.007 min
Response: 636945
Conc: 18.23 ng/ml



#3 AR-1016-1

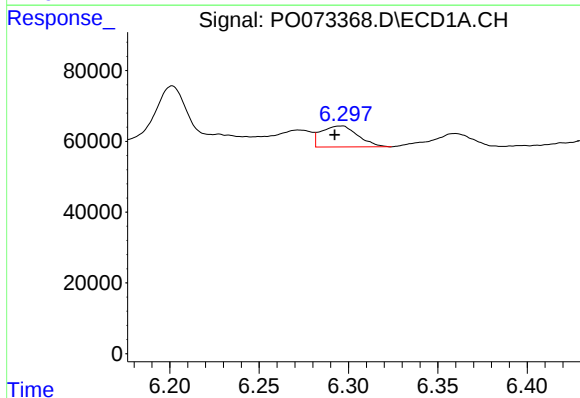
R.T.: 6.272 min
Delta R.T.: 0.003 min
Response: 81729
Conc: 31.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
EMS-3-0002



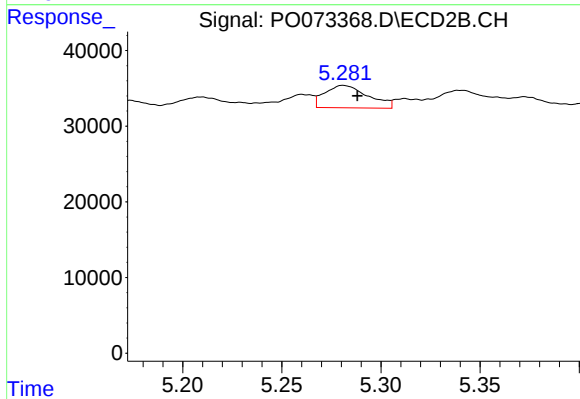
#3 AR-1016-1

R.T.: 5.260 min
Delta R.T.: -0.008 min
Response: 19393
Conc: 12.61 ng/ml



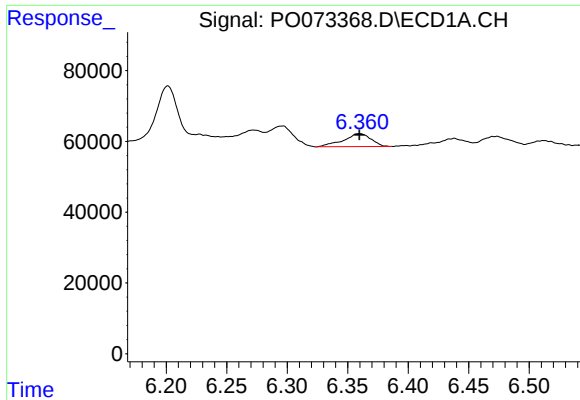
#4 AR-1016-2

R.T.: 6.296 min
Delta R.T.: 0.003 min
Response: 84172
Conc: 24.06 ng/ml



#4 AR-1016-2

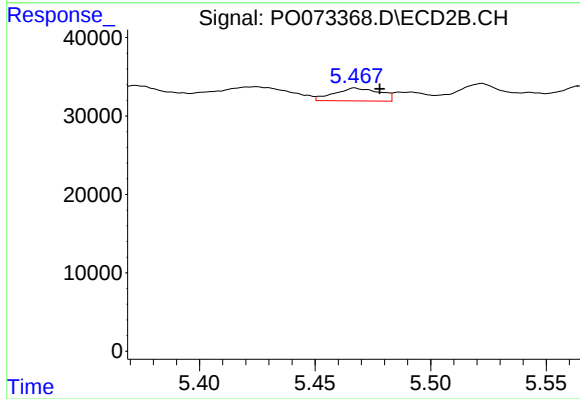
R.T.: 5.281 min
Delta R.T.: -0.007 min
Response: 45273
Conc: 21.57 ng/ml



#5 AR-1016-3

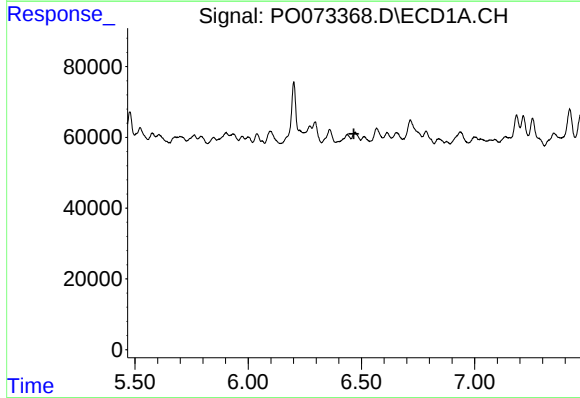
R.T.: 6.360 min
Delta R.T.: 0.000 min
Response: 58389
Conc: 27.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
EMS-3-0002



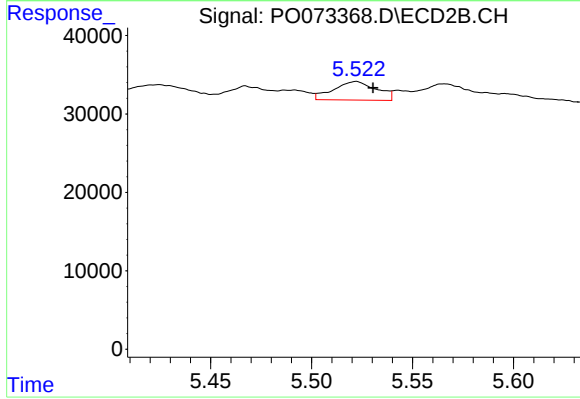
#5 AR-1016-3

R.T.: 5.467 min
Delta R.T.: -0.011 min
Response: 22503
Conc: 22.62 ng/ml



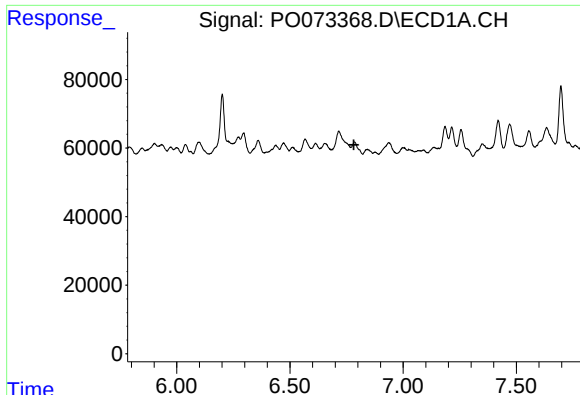
#6 AR-1016-4

R.T.: 0.000 min
Exp R.T. : 6.467 min
Response: 0
Conc: N.D.



#6 AR-1016-4

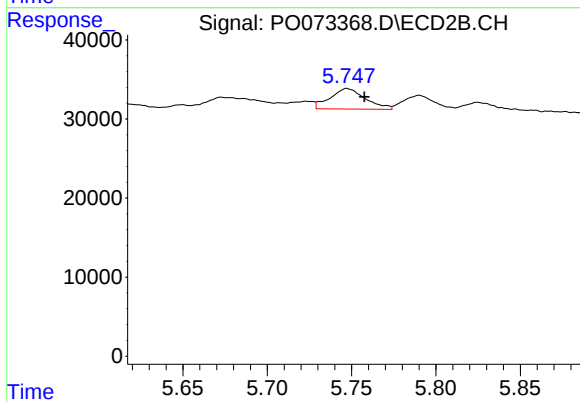
R.T.: 5.522 min
Delta R.T.: -0.008 min
Response: 35077
Conc: 38.74 ng/ml



#7 AR-1016-5

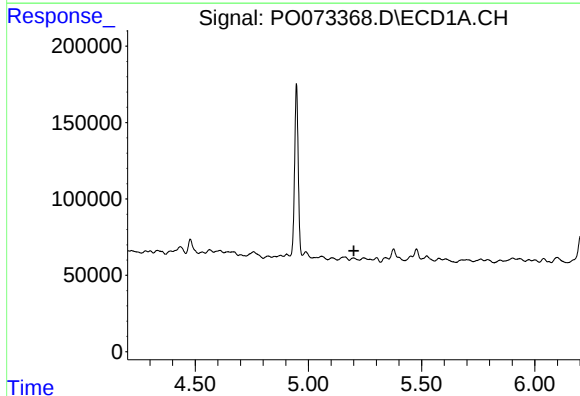
R.T.: 0.000 min
Exp R.T.: 6.783 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
EMS-3-0002



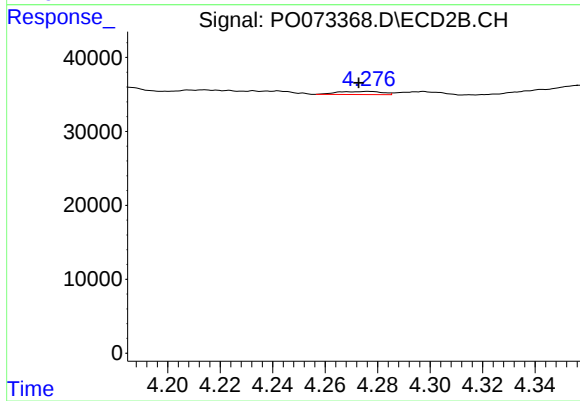
#7 AR-1016-5

R.T.: 5.747 min
Delta R.T.: -0.010 min
Response: 37577
Conc: 32.85 ng/ml



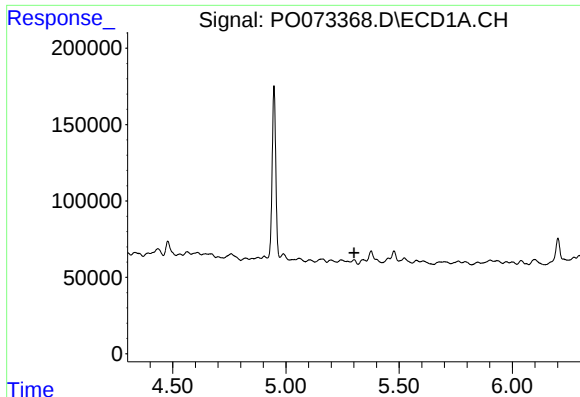
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T.: 5.201 min
Response: 0
Conc: N.D.



#8 AR-1221-1

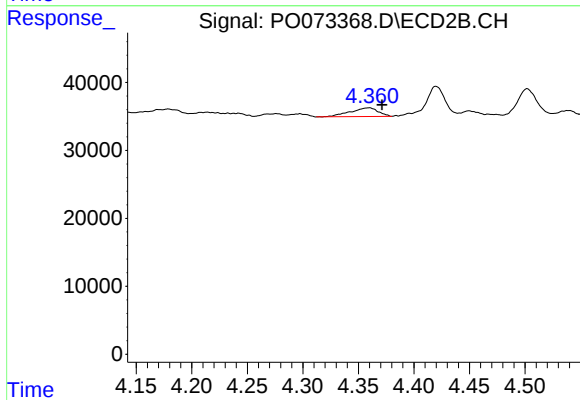
R.T.: 4.276 min
Delta R.T.: 0.004 min
Response: 4901
Conc: 11.33 ng/ml



#9 AR-1221-2

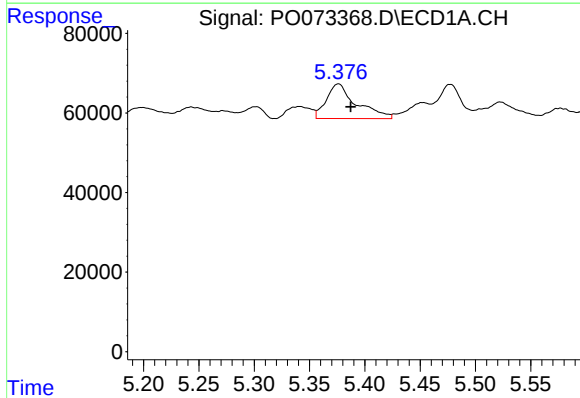
R.T.: 0.000 min
Exp R.T.: 5.300 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
EMS-3-0002



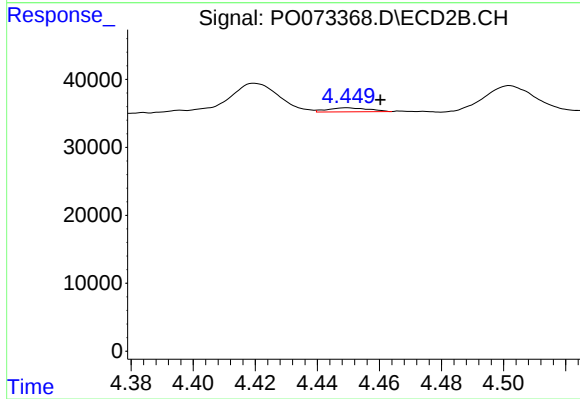
#9 AR-1221-2

R.T.: 4.360 min
Delta R.T.: -0.011 min
Response: 22375
Conc: 68.53 ng/ml



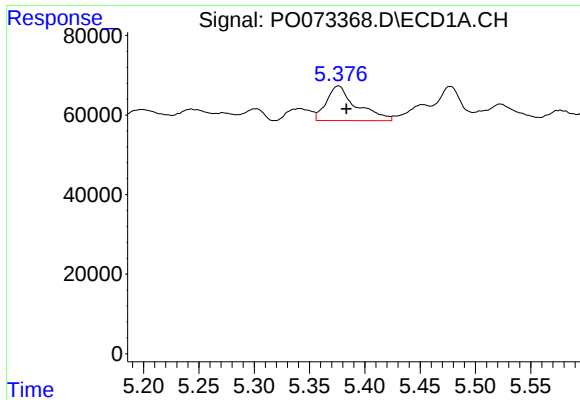
#10 AR-1221-3

R.T.: 5.376 min
Delta R.T.: -0.011 min
Response: 164012
Conc: 97.98 ng/ml



#10 AR-1221-3

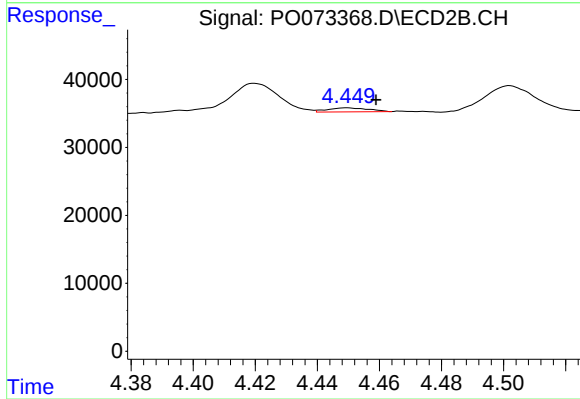
R.T.: 4.450 min
Delta R.T.: -0.011 min
Response: 5421
Conc: 5.49 ng/ml



#11 AR-1232-1

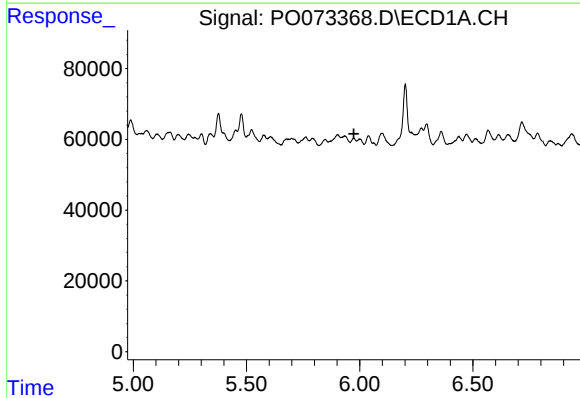
R.T.: 5.376 min
Delta R.T.: -0.007 min
Response: 164012
Conc: 114.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
EMS-3-0002



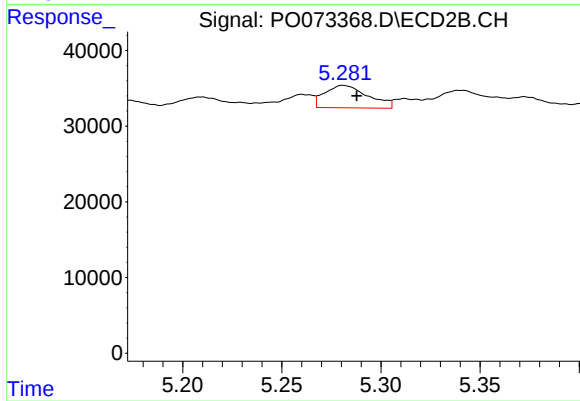
#11 AR-1232-1

R.T.: 4.450 min
Delta R.T.: -0.009 min
Response: 5421
Conc: 6.31 ng/ml



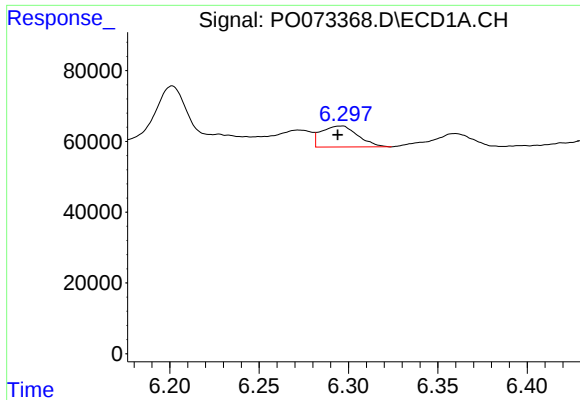
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 5.974 min
Response: 0
Conc: N.D.



#12 AR-1232-2

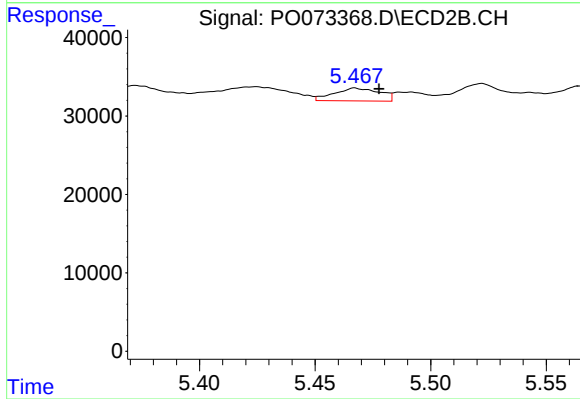
R.T.: 5.281 min
Delta R.T.: -0.007 min
Response: 45273
Conc: 48.56 ng/ml



#13 AR-1232-3

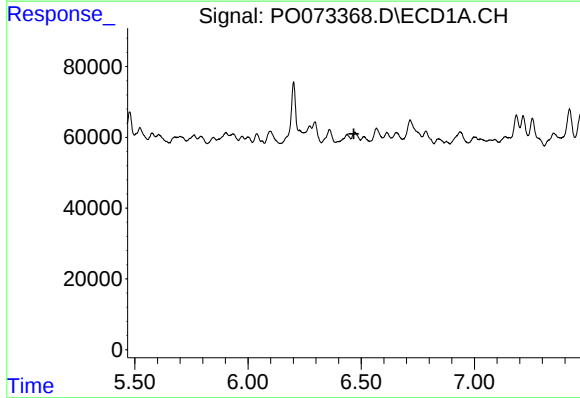
R.T.: 6.296 min
Delta R.T.: 0.002 min
Response: 84172
Conc: 54.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
EMS-3-0002



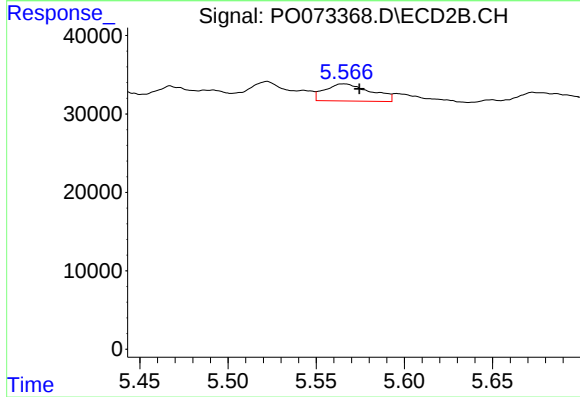
#13 AR-1232-3

R.T.: 5.467 min
Delta R.T.: -0.011 min
Response: 22503
Conc: 49.81 ng/ml



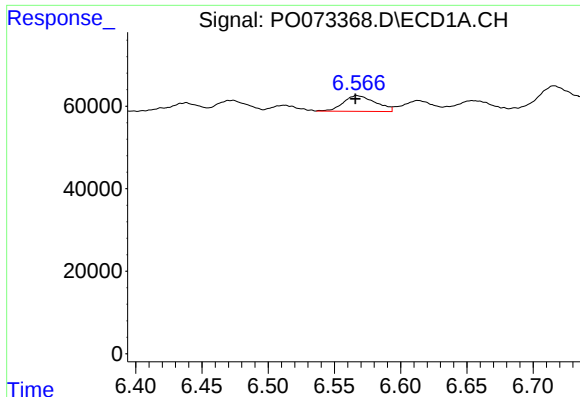
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 6.468 min
Response: 0
Conc: N.D.



#14 AR-1232-4

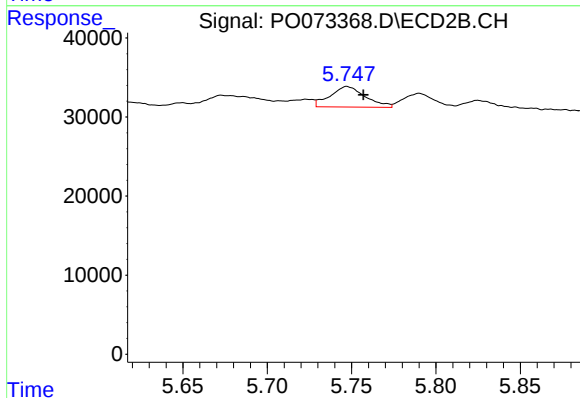
R.T.: 5.565 min
Delta R.T.: -0.009 min
Response: 39576
Conc: 89.83 ng/ml



#15 AR-1232-5

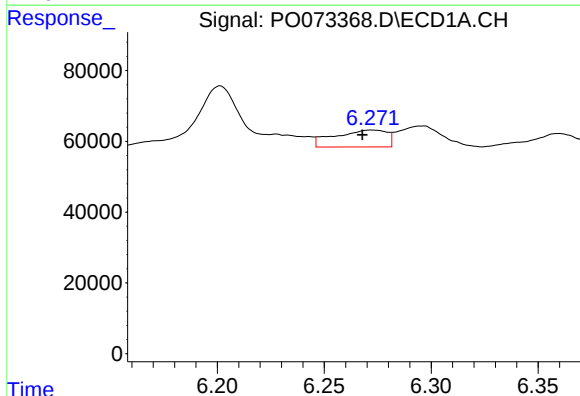
R.T.: 6.567 min
Delta R.T.: 0.001 min
Response: 63985
Conc: 122.23 ng/ml

Instrument :
ECD_O
ClientSampleId :
EMS-3-0002



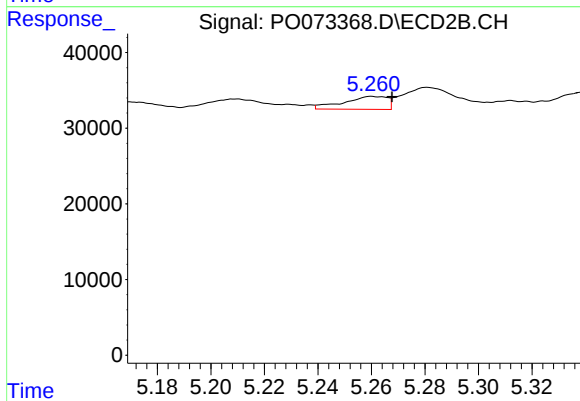
#15 AR-1232-5

R.T.: 5.747 min
Delta R.T.: -0.010 min
Response: 37577
Conc: 75.64 ng/ml



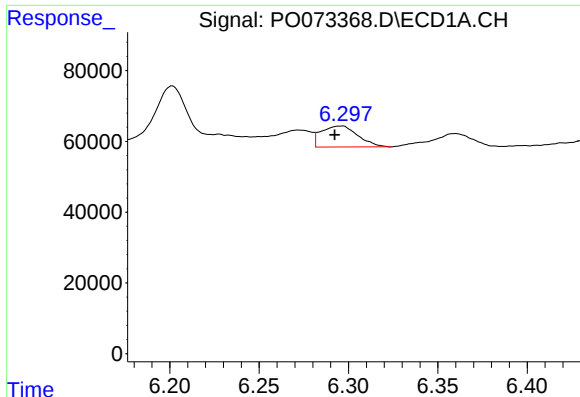
#16 AR-1242-1

R.T.: 6.272 min
Delta R.T.: 0.004 min
Response: 81729
Conc: 38.40 ng/ml



#16 AR-1242-1

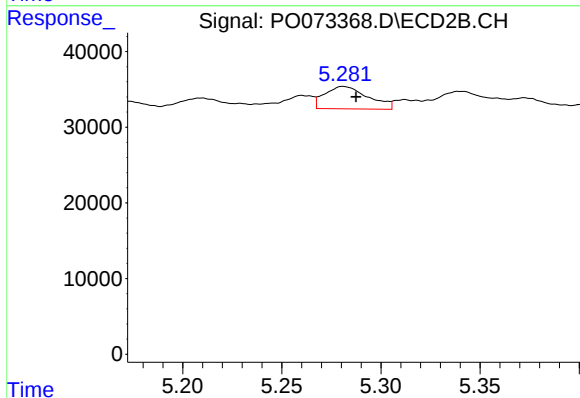
R.T.: 5.260 min
Delta R.T.: -0.008 min
Response: 19393
Conc: 15.68 ng/ml



#17 AR-1242-2

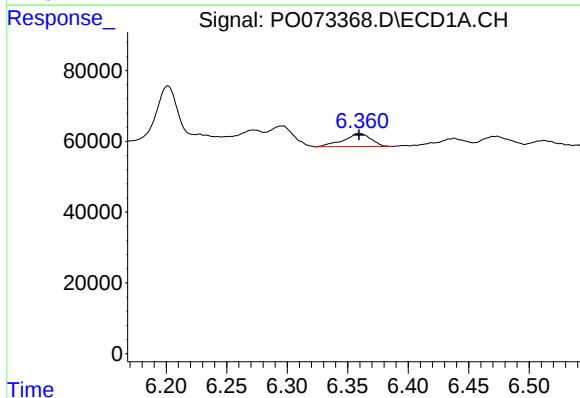
R.T.: 6.296 min
Delta R.T.: 0.003 min
Response: 84172
Conc: 29.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
EMS-3-0002



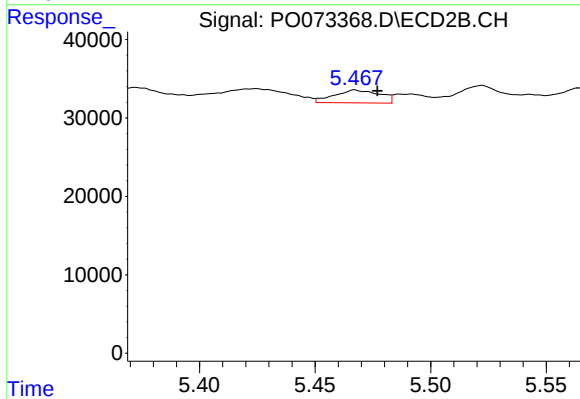
#17 AR-1242-2

R.T.: 5.281 min
Delta R.T.: -0.007 min
Response: 45273
Conc: 27.14 ng/ml



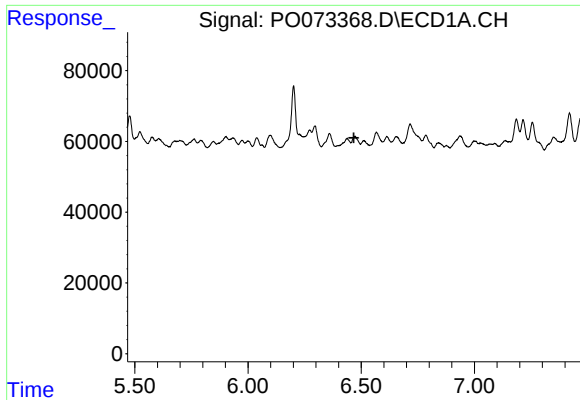
#18 AR-1242-3

R.T.: 6.360 min
Delta R.T.: 0.000 min
Response: 58389
Conc: 34.73 ng/ml



#18 AR-1242-3

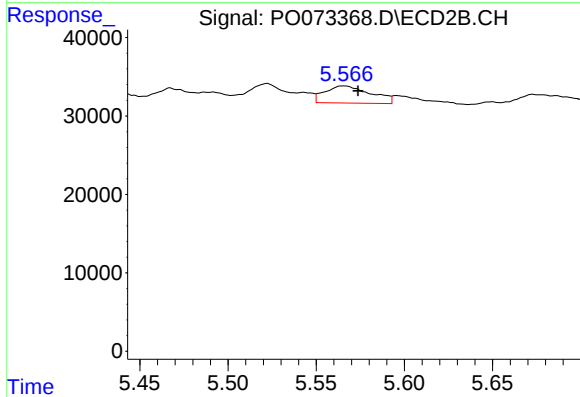
R.T.: 5.467 min
Delta R.T.: -0.010 min
Response: 22503
Conc: 27.27 ng/ml



#19 AR-1242-4

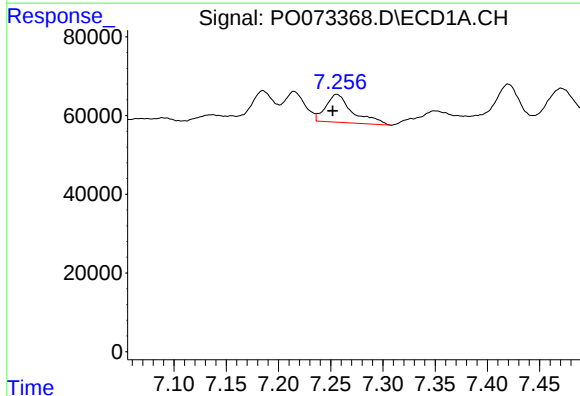
R.T.: 0.000 min
Exp R.T.: 6.467 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
EMS-3-0002



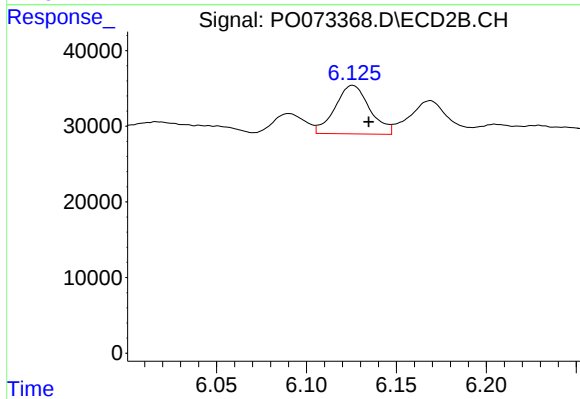
#19 AR-1242-4

R.T.: 5.565 min
Delta R.T.: -0.008 min
Response: 39576
Conc: 44.74 ng/ml



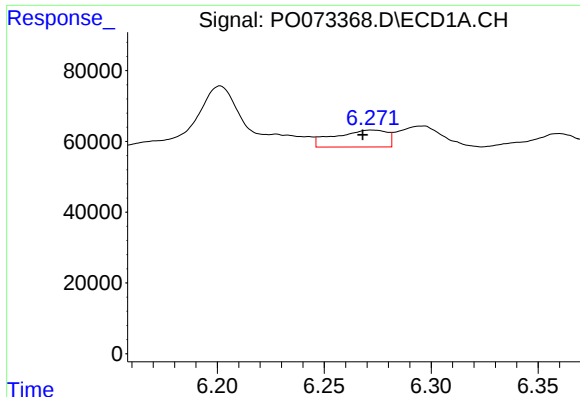
#20 AR-1242-5

R.T.: 7.256 min
Delta R.T.: 0.004 min
Response: 126666
Conc: 79.11 ng/ml



#20 AR-1242-5

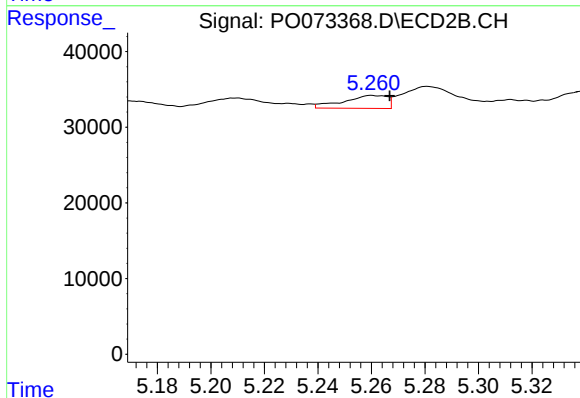
R.T.: 6.126 min
Delta R.T.: -0.009 min
Response: 86622
Conc: 74.25 ng/ml



#21 AR-1248-1

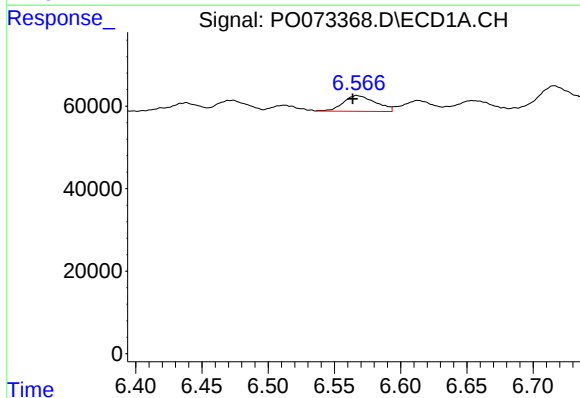
R.T.: 6.272 min
Delta R.T.: 0.004 min
Response: 81729
Conc: 54.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
EMS-3-0002



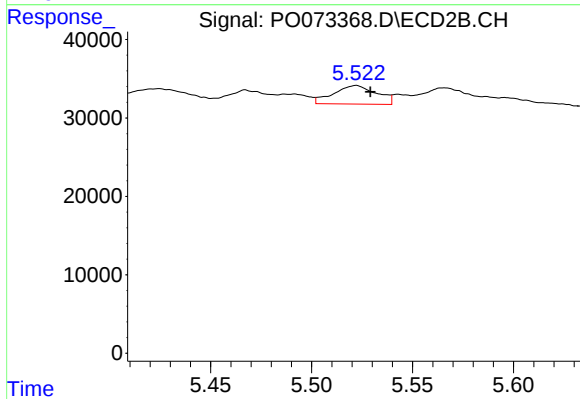
#21 AR-1248-1

R.T.: 5.260 min
Delta R.T.: -0.007 min
Response: 19393
Conc: 20.59 ng/ml



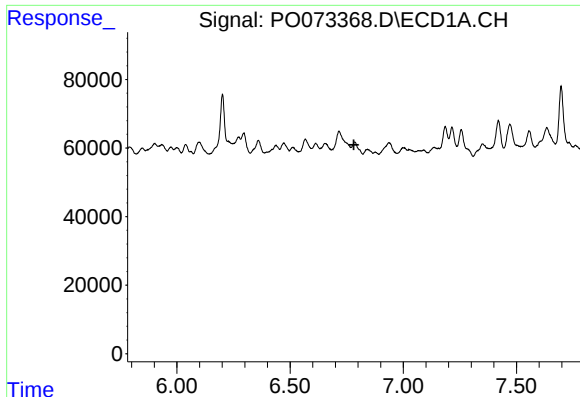
#22 AR-1248-2

R.T.: 6.567 min
Delta R.T.: 0.003 min
Response: 63985
Conc: 32.25 ng/ml



#22 AR-1248-2

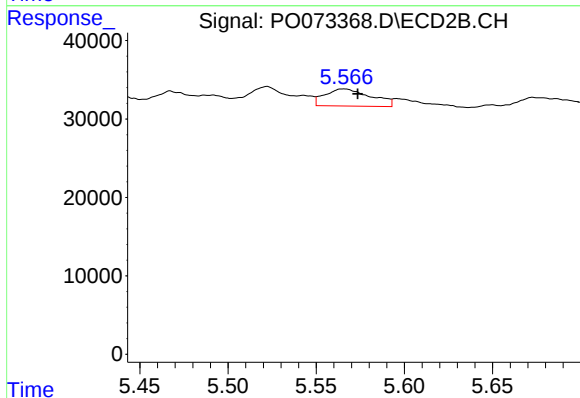
R.T.: 5.522 min
Delta R.T.: -0.007 min
Response: 35077
Conc: 27.70 ng/ml



#23 AR-1248-3

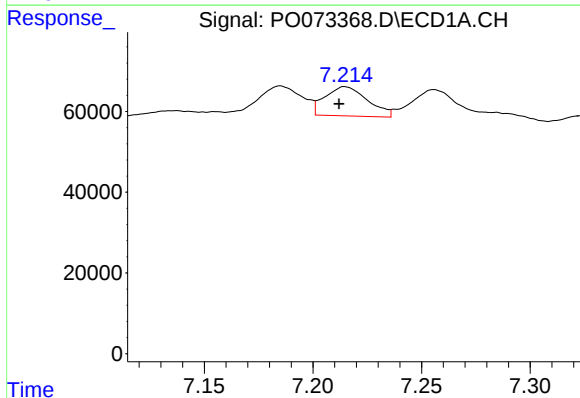
R.T.: 0.000 min
Exp R.T.: 6.782 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
EMS-3-0002



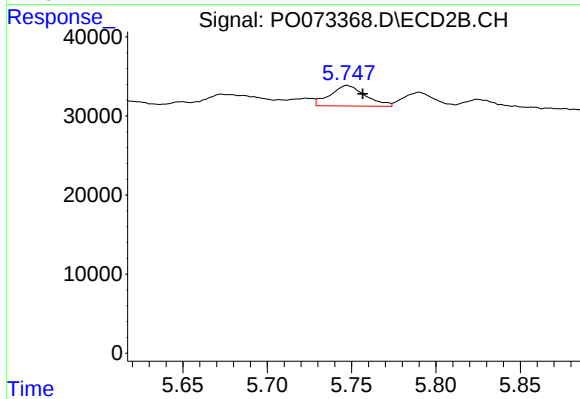
#23 AR-1248-3

R.T.: 5.565 min
Delta R.T.: -0.008 min
Response: 39576
Conc: 30.09 ng/ml



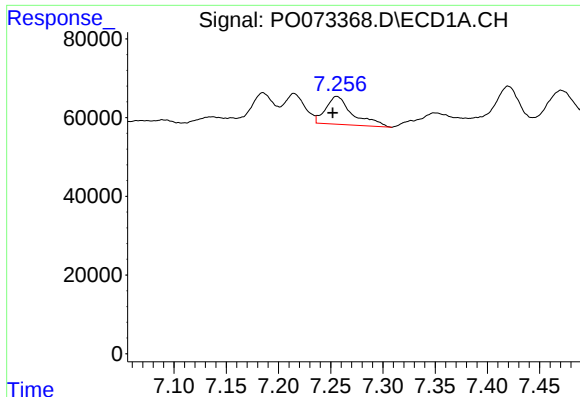
#24 AR-1248-4

R.T.: 7.215 min
Delta R.T.: 0.003 min
Response: 99001
Conc: 33.30 ng/ml



#24 AR-1248-4

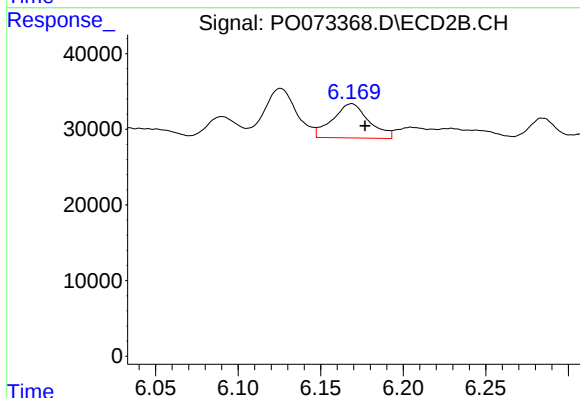
R.T.: 5.747 min
Delta R.T.: -0.009 min
Response: 37577
Conc: 23.74 ng/ml



#25 AR-1248-5

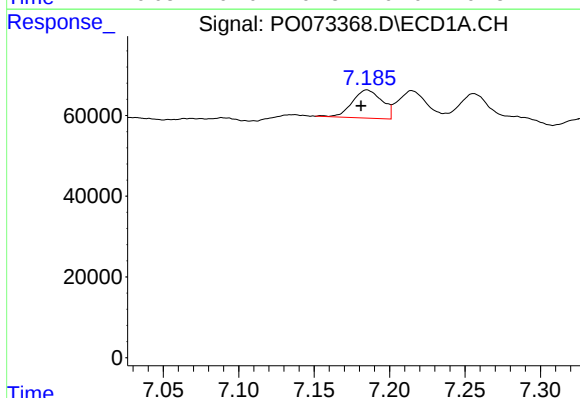
R.T.: 7.256 min
Delta R.T.: 0.004 min
Response: 126666
Conc: 45.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
EMS-3-0002



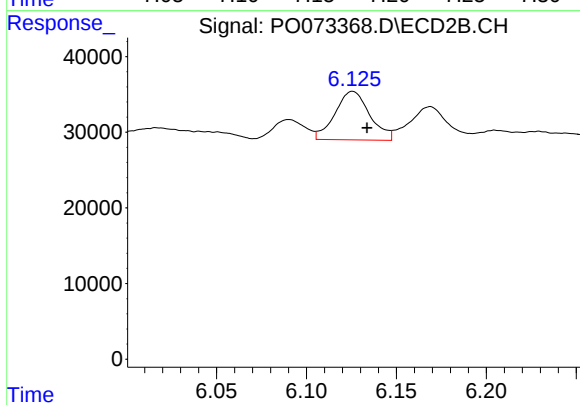
#25 AR-1248-5

R.T.: 6.169 min
Delta R.T.: -0.008 min
Response: 69372
Conc: 41.83 ng/ml



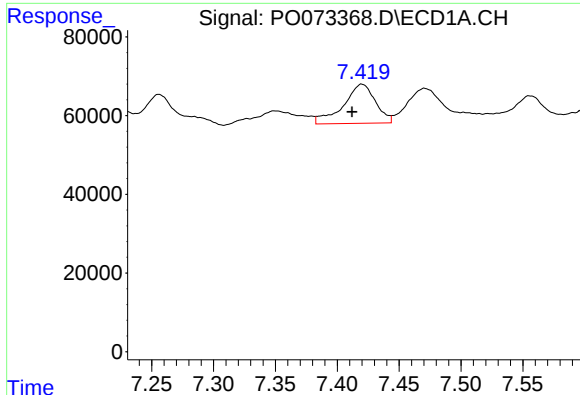
#26 AR-1254-1

R.T.: 7.185 min
Delta R.T.: 0.004 min
Response: 95888
Conc: 32.56 ng/ml



#26 AR-1254-1

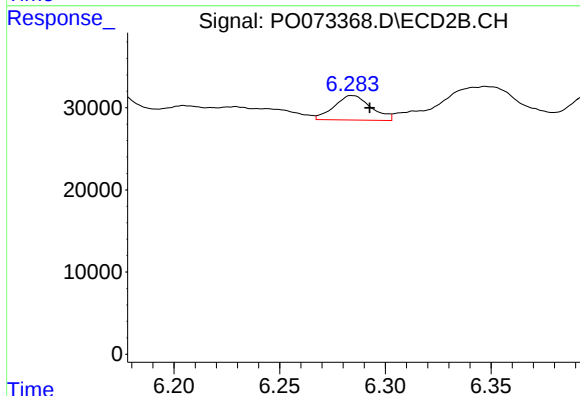
R.T.: 6.126 min
Delta R.T.: -0.008 min
Response: 86622
Conc: 35.22 ng/ml



#27 AR-1254-2

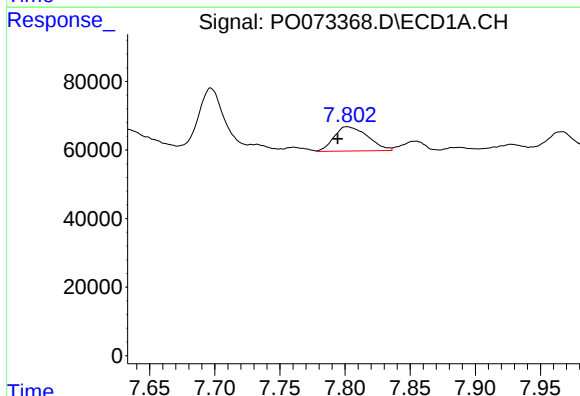
R.T.: 7.420 min
Delta R.T.: 0.008 min
Response: 179638
Conc: 37.71 ng/ml

Instrument :
ECD_O
ClientSampleId :
EMS-3-0002



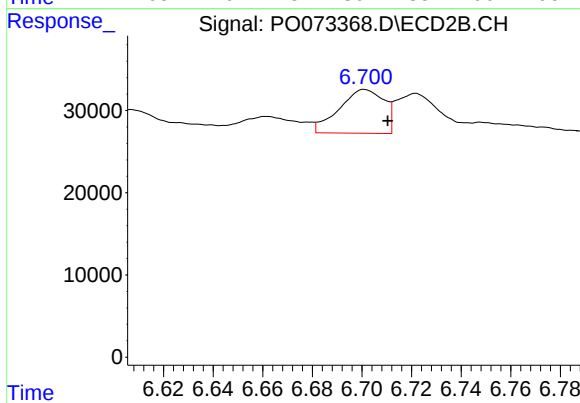
#27 AR-1254-2

R.T.: 6.284 min
Delta R.T.: -0.008 min
Response: 36112
Conc: 16.52 ng/ml



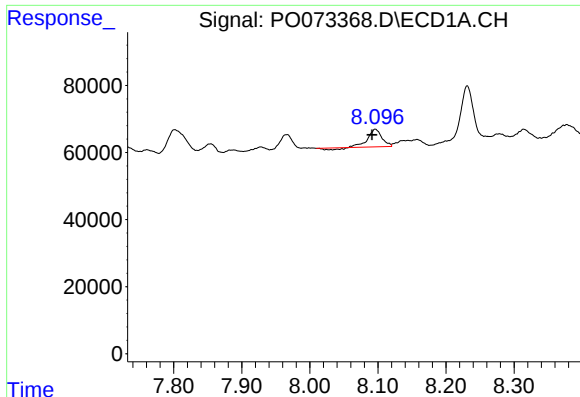
#28 AR-1254-3

R.T.: 7.801 min
Delta R.T.: 0.007 min
Response: 127940
Conc: 26.76 ng/ml



#28 AR-1254-3

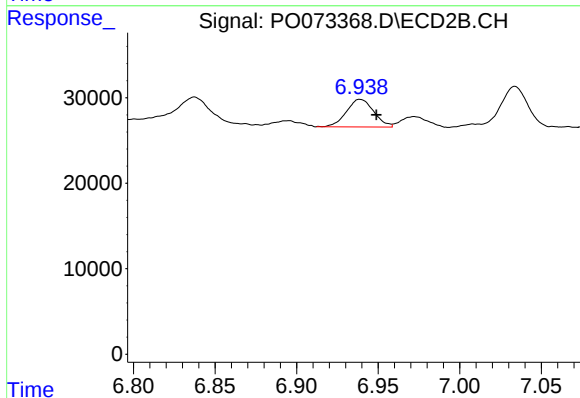
R.T.: 6.701 min
Delta R.T.: -0.009 min
Response: 66890
Conc: 18.32 ng/ml



#29 AR-1254-4

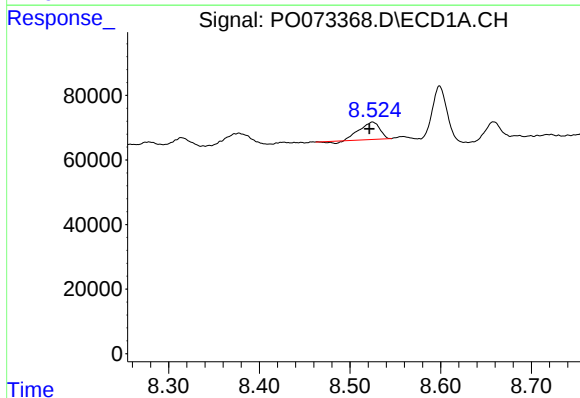
R.T.: 8.096 min
Delta R.T.: 0.005 min
Response: 69335
Conc: 16.24 ng/ml

Instrument :
ECD_O
ClientSampleId :
EMS-3-0002



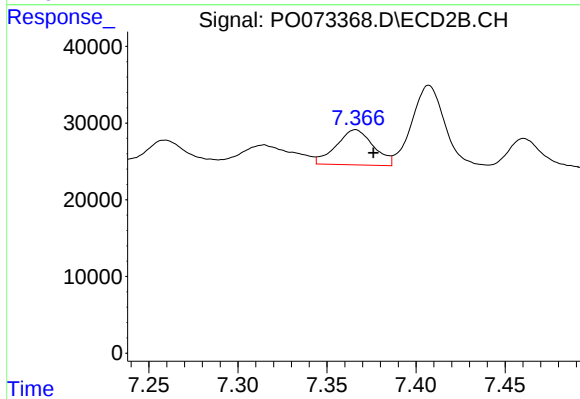
#29 AR-1254-4

R.T.: 6.939 min
Delta R.T.: -0.010 min
Response: 37910
Conc: 15.85 ng/ml



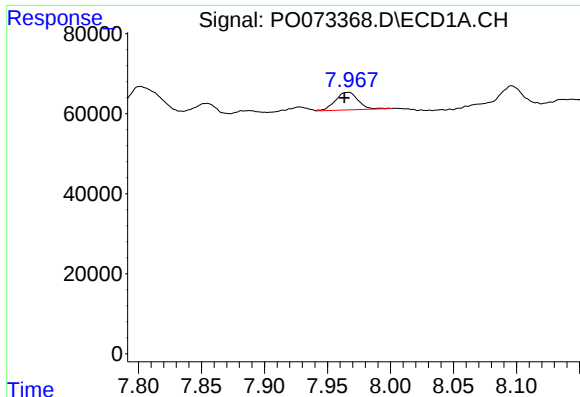
#30 AR-1254-5

R.T.: 8.525 min
Delta R.T.: 0.003 min
Response: 80202
Conc: 20.09 ng/ml



#30 AR-1254-5

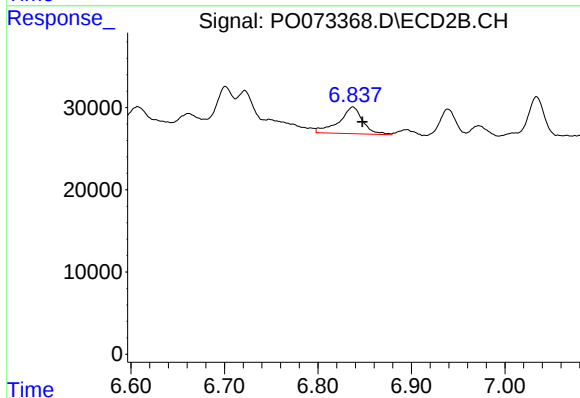
R.T.: 7.366 min
Delta R.T.: -0.010 min
Response: 66816
Conc: 20.16 ng/ml



#31 AR-1260-1

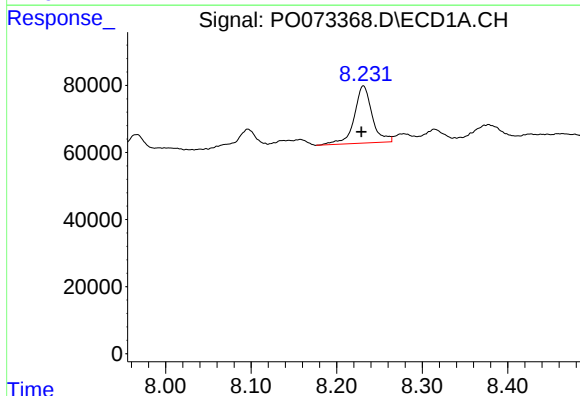
R.T.: 7.966 min
Delta R.T.: 0.003 min
Response: 55482
Conc: 18.55 ng/ml

Instrument :
ECD_O
ClientSampleId :
EMS-3-0002



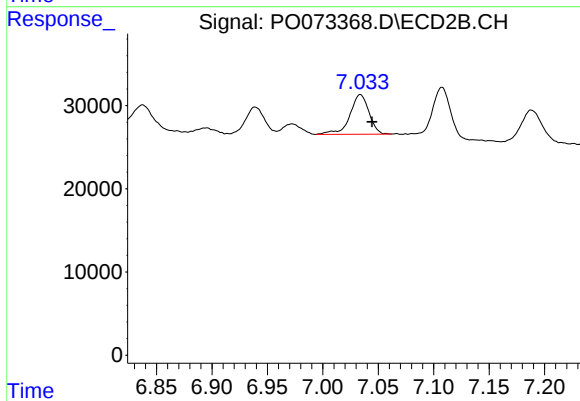
#31 AR-1260-1

R.T.: 6.837 min
Delta R.T.: -0.010 min
Response: 57455
Conc: 25.35 ng/ml



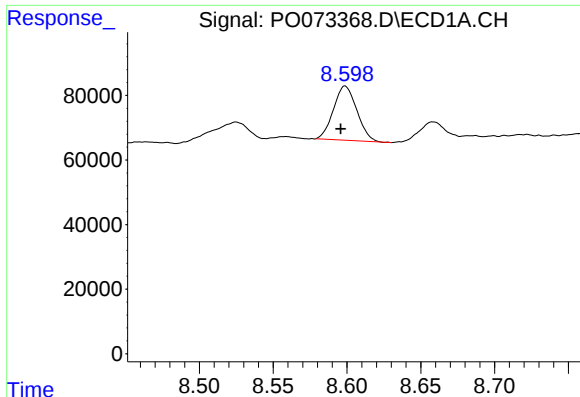
#32 AR-1260-2

R.T.: 8.231 min
Delta R.T.: 0.002 min
Response: 247891
Conc: 57.86 ng/ml



#32 AR-1260-2

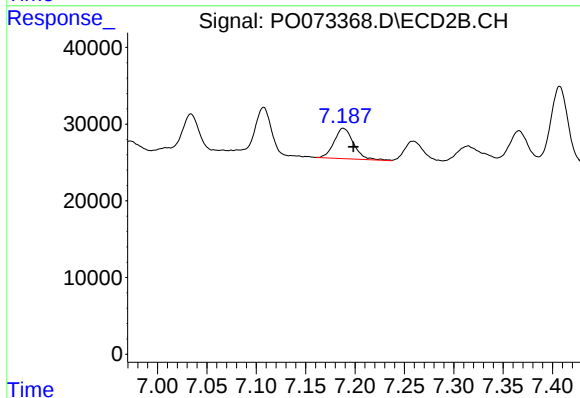
R.T.: 7.034 min
Delta R.T.: -0.010 min
Response: 57261
Conc: 21.27 ng/ml



#33 AR-1260-3

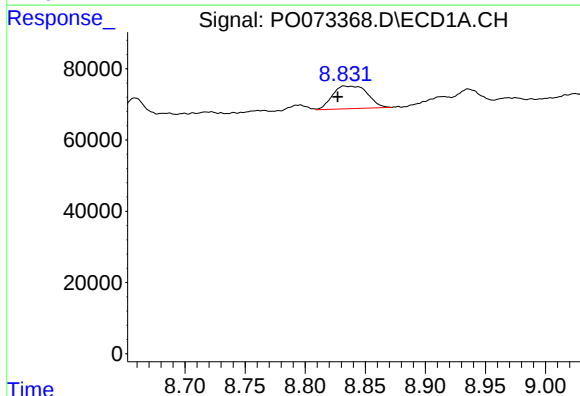
R.T.: 8.599 min
Delta R.T.: 0.003 min
Response: 185160
Conc: 57.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
EMS-3-0002



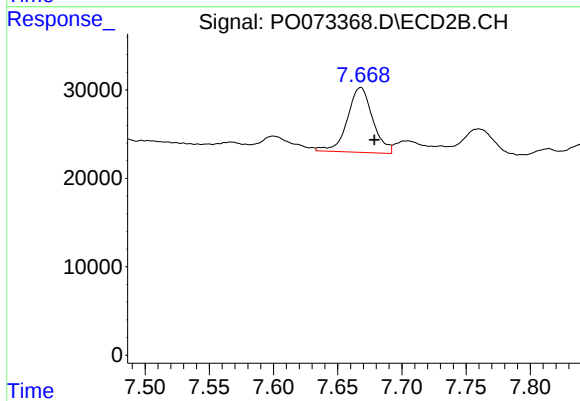
#33 AR-1260-3

R.T.: 7.188 min
Delta R.T.: -0.010 min
Response: 54594
Conc: 22.17 ng/ml



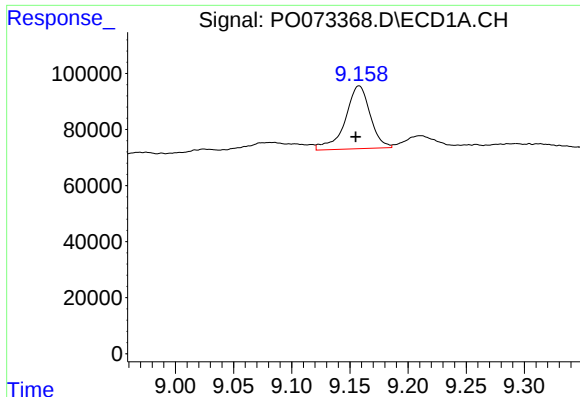
#34 AR-1260-4

R.T.: 8.833 min
Delta R.T.: 0.006 min
Response: 129345
Conc: 41.46 ng/ml



#34 AR-1260-4

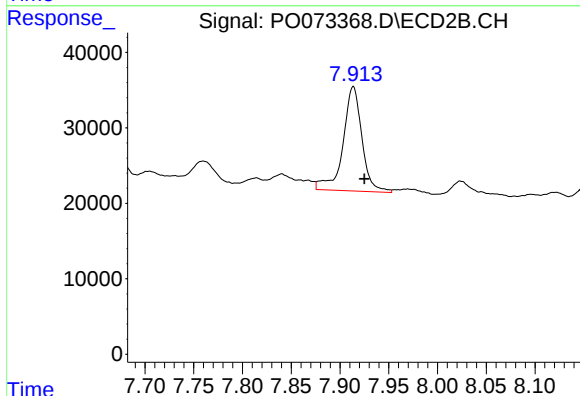
R.T.: 7.668 min
Delta R.T.: -0.011 min
Response: 100795
Conc: 49.46 ng/ml



#35 AR-1260-5

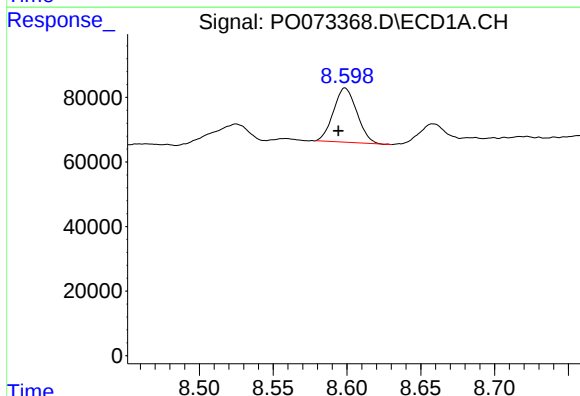
R.T.: 9.158 min
Delta R.T.: 0.003 min
Response: 333903
Conc: 46.47 ng/ml

Instrument :
ECD_O
ClientSampleId :
EMS-3-0002



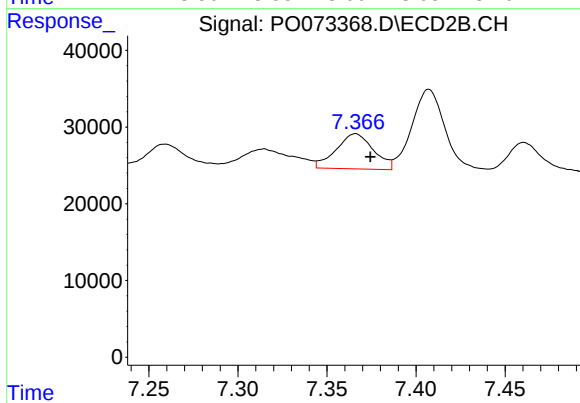
#35 AR-1260-5

R.T.: 7.914 min
Delta R.T.: -0.011 min
Response: 187482
Conc: 39.61 ng/ml



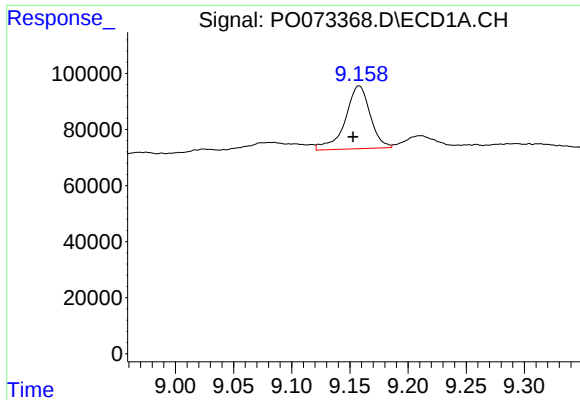
#36 AR-1262-1

R.T.: 8.599 min
Delta R.T.: 0.005 min
Response: 185160
Conc: 37.45 ng/ml



#36 AR-1262-1

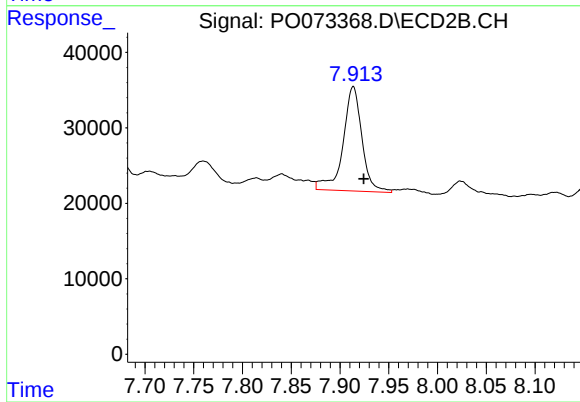
R.T.: 7.366 min
Delta R.T.: -0.008 min
Response: 66816
Conc: 41.65 ng/ml



#37 AR-1262-2

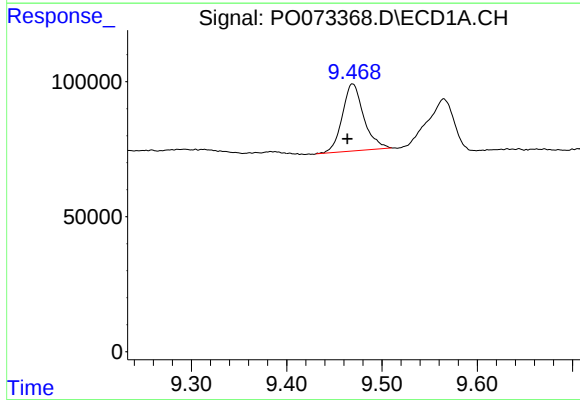
R.T.: 9.158 min
Delta R.T.: 0.005 min
Response: 333903
Conc: 40.65 ng/ml

Instrument :
ECD_O
ClientSampleId :
EMS-3-0002



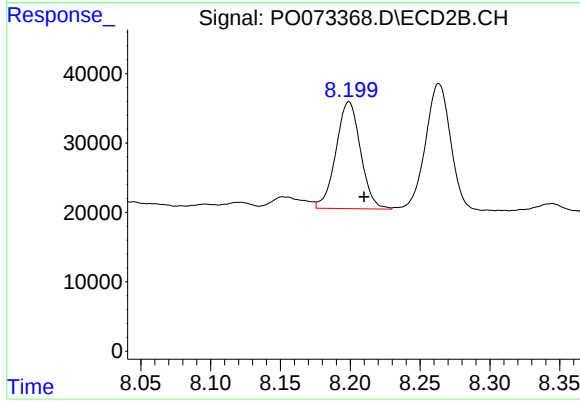
#37 AR-1262-2

R.T.: 7.914 min
Delta R.T.: -0.011 min
Response: 187482
Conc: 35.71 ng/ml



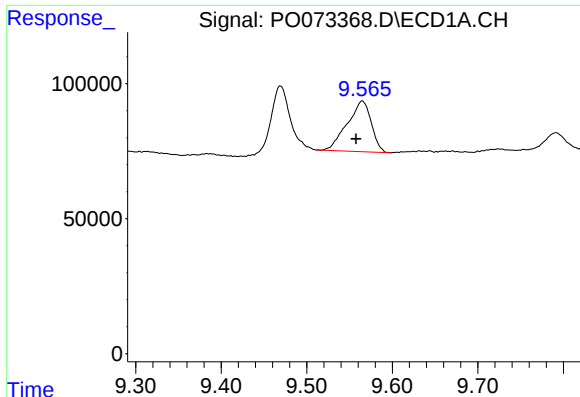
#38 AR-1262-3

R.T.: 9.469 min
Delta R.T.: 0.006 min
Response: 391003
Conc: 75.78 ng/ml



#38 AR-1262-3

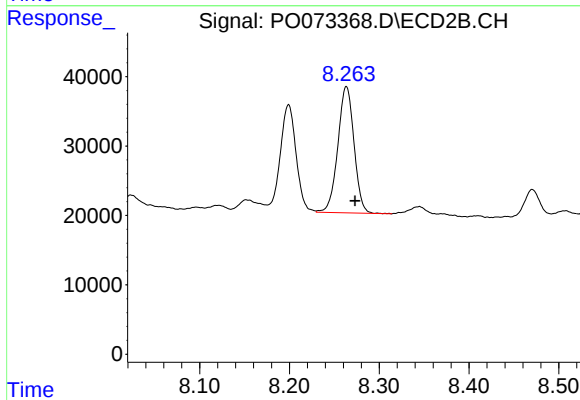
R.T.: 8.199 min
Delta R.T.: -0.011 min
Response: 189025
Conc: 90.35 ng/ml



#39 AR-1262-4

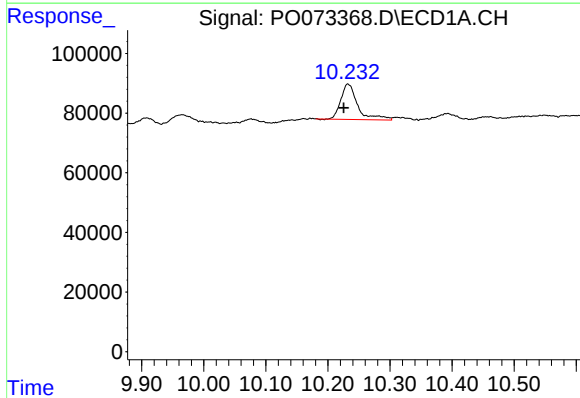
R.T.: 9.565 min
Delta R.T.: 0.007 min
Response: 365088
Conc: 92.28 ng/ml

Instrument :
ECD_O
ClientSampleId :
EMS-3-0002



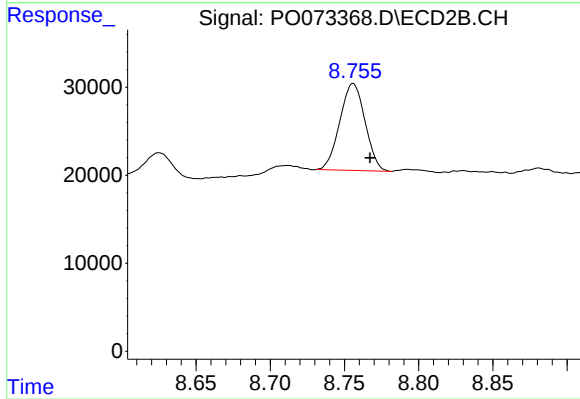
#39 AR-1262-4

R.T.: 8.264 min
Delta R.T.: -0.010 min
Response: 228274
Conc: 60.20 ng/ml



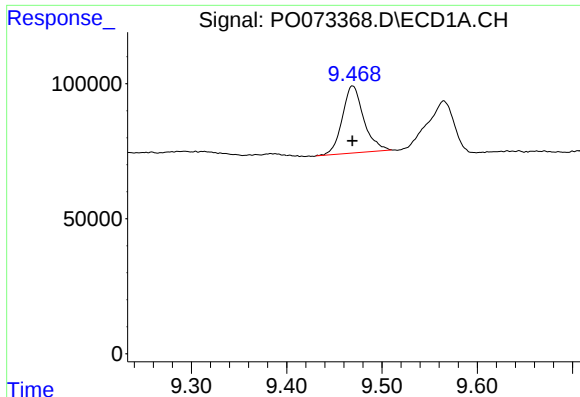
#40 AR-1262-5

R.T.: 10.232 min
Delta R.T.: 0.007 min
Response: 223610
Conc: 81.68 ng/ml



#40 AR-1262-5

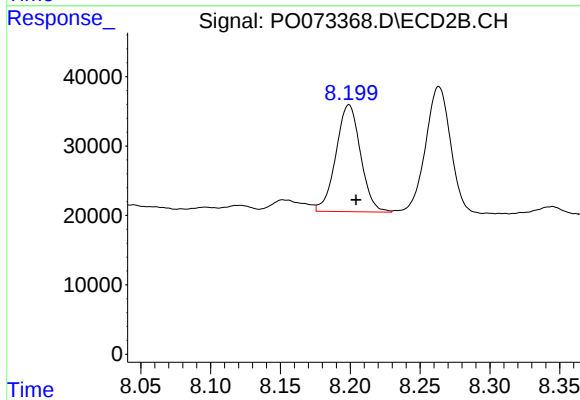
R.T.: 8.756 min
Delta R.T.: -0.012 min
Response: 117073
Conc: 68.05 ng/ml



#41 AR-1268-1

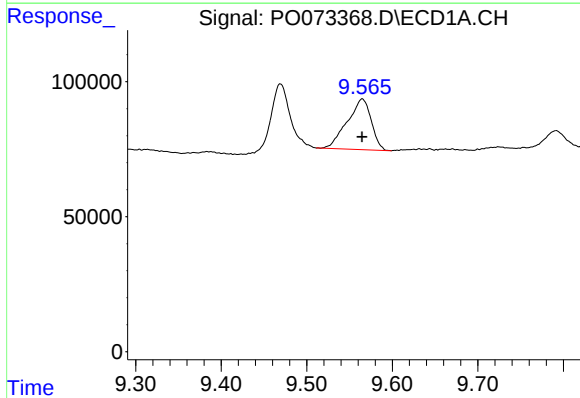
R.T.: 9.469 min
Delta R.T.: 0.000 min
Response: 391003
Conc: 37.30 ng/ml

Instrument :
ECD_O
ClientSampleId :
EMS-3-0002



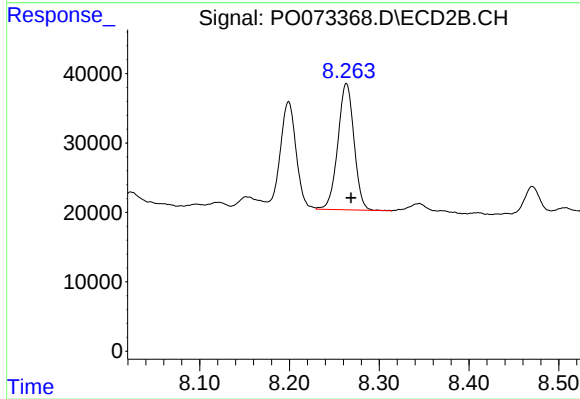
#41 AR-1268-1

R.T.: 8.199 min
Delta R.T.: -0.005 min
Response: 189025
Conc: 31.72 ng/ml



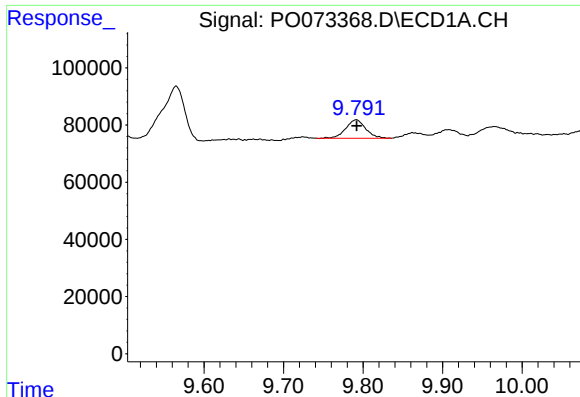
#42 AR-1268-2

R.T.: 9.565 min
Delta R.T.: 0.000 min
Response: 365088
Conc: 39.93 ng/ml



#42 AR-1268-2

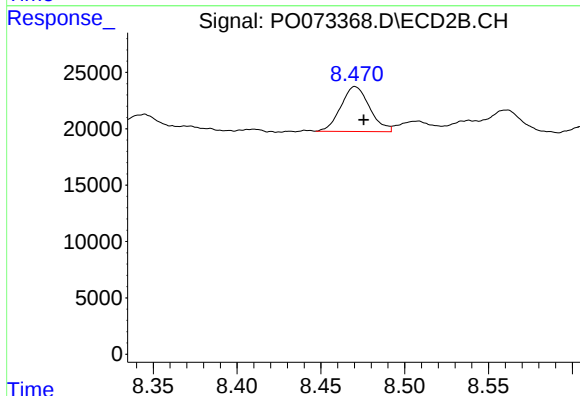
R.T.: 8.264 min
Delta R.T.: -0.005 min
Response: 228274
Conc: 43.42 ng/ml



#43 AR-1268-3

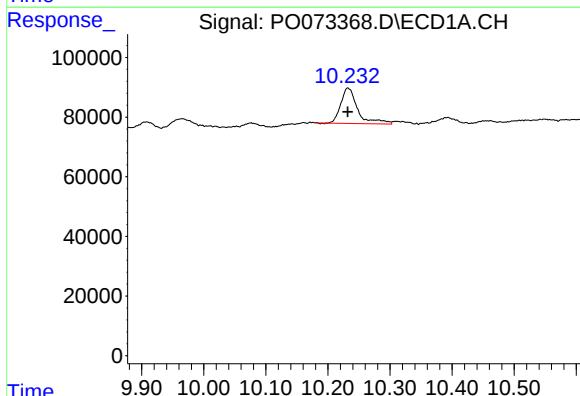
R.T.: 9.791 min
Delta R.T.: 0.000 min
Response: 111922
Conc: 13.51 ng/ml

Instrument :
ECD_O
ClientSampleId :
EMS-3-0002



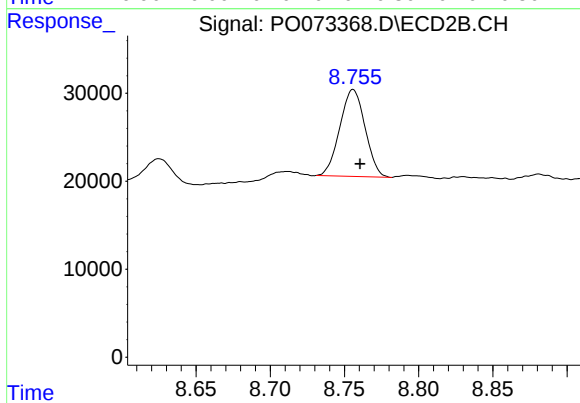
#43 AR-1268-3

R.T.: 8.470 min
Delta R.T.: -0.005 min
Response: 47398
Conc: 10.41 ng/ml



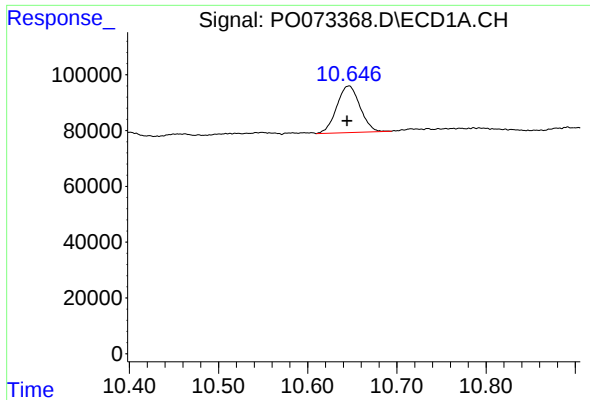
#44 AR-1268-4

R.T.: 10.232 min
Delta R.T.: 0.000 min
Response: 223610
Conc: 71.16 ng/ml



#44 AR-1268-4

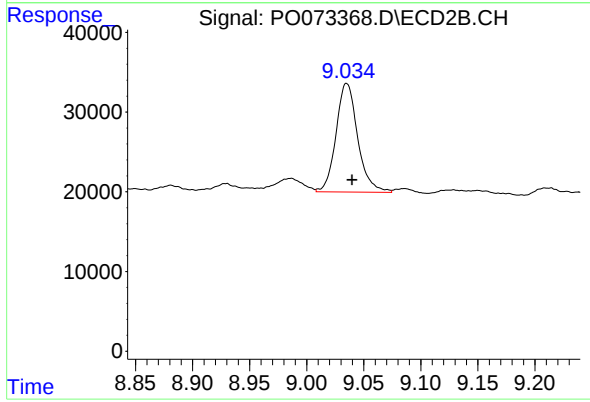
R.T.: 8.756 min
Delta R.T.: -0.005 min
Response: 117073
Conc: 63.42 ng/ml



#45 AR-1268-5

R.T.: 10.646 min
Delta R.T.: 0.002 min
Response: 302948
Conc: 12.25 ng/ml

Instrument :
ECD_O
ClientSampleId :
EMS-3-0002



#45 AR-1268-5

R.T.: 9.035 min
Delta R.T.: -0.005 min
Response: 180341
Conc: 12.56 ng/ml