

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\PO112020\
 Data File : PO073421.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 21 Nov 2020 3:24
 Operator : DD\AJ
 Sample : AR1268CCC500
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 21 03:48:55 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...	4.942	4.011	3576507	2072804	56.838	57.741
2)	SA Decachlor...	10.968	9.281	4963975	2752512	92.743	78.783
Target Compounds							
3)	L1 AR-1016-1	0.000	5.259	0	20915	N.D.	13.600 #
4)	L1 AR-1016-2	0.000	5.282	0	37738	N.D.	17.981 #
5)	L1 AR-1016-3	0.000	5.472	0	73460	N.D.	73.832 #
6)	L1 AR-1016-4	0.000	5.525	0	26847	N.D.	29.655 #
7)	L1 AR-1016-5	0.000	5.744	0	77238	N.D.	67.527 #
8)	L2 AR-1221-1	0.000	4.262	0	2032	N.D.	4.698 #
9)	L2 AR-1221-2	5.296	4.360	47001	27076	87.265	82.924
10)	L2 AR-1221-3	0.000	4.452	0	3568	N.D.	3.613 #
11)	L3 AR-1232-1	0.000	4.452	0	3568	N.D.	4.150 #
12)	L3 AR-1232-2	0.000	5.282	0	37738	N.D.	40.481 #
13)	L3 AR-1232-3	0.000	5.472	0	73460	N.D.	162.608 #
14)	L3 AR-1232-4	0.000	5.568	0	77313	N.D.	175.491 #
15)	L3 AR-1232-5	0.000	5.744	0	77238	N.D.	155.482 #
16)	L4 AR-1242-1	0.000	5.259	0	20915	N.D.	16.915 #
17)	L4 AR-1242-2	0.000	5.282	0	37738	N.D.	22.626 #
18)	L4 AR-1242-3	0.000	5.472	0	73460	N.D.	89.010 #
19)	L4 AR-1242-4	0.000	5.568	0	77313	N.D.	87.403 #
20)	L4 AR-1242-5	7.249	6.152f	67681	313261	42.270	268.513 #
21)	L5 AR-1248-1	0.000	5.259	0	20915	N.D.	22.211 #
22)	L5 AR-1248-2	0.000	5.525	0	26847	N.D.	21.200 #
23)	L5 AR-1248-3	0.000	5.568	0	77313	N.D.	58.785 #
24)	L5 AR-1248-4	7.184f	5.744	703140	77238	236.529	48.790 #
25)	L5 AR-1248-5	7.249	6.152f	67681	313261	24.233	188.907 #
26)	L6 AR-1254-1	7.184	6.152f	703140	313261	238.767	127.386 #
27)	L6 AR-1254-2	7.413	6.285	33123	5551	6.953	2.539 #
28)	L6 AR-1254-3	7.810f	6.715	117799	2056	24.637	0.563 #
29)	L6 AR-1254-4	8.092	6.939	63480	11211	14.871	4.688 #
30)	L6 AR-1254-5	8.502f	7.364	18322	17318	4.590	5.225
32)	L7 AR-1260-2	8.226	7.035	95501	12721	22.290	4.725 #
33)	L7 AR-1260-3	8.592	7.195	932109	66643	287.946	27.062 #
34)	L7 AR-1260-4	8.839	7.670	1205379	777557	386.361	381.522
35)	L7 AR-1260-5	9.150	7.916	502977	333997	69.993	70.564
36)	L8 AR-1262-1	8.592	7.364	932109	17318	188.525	10.794 #
37)	L8 AR-1262-2	9.150	7.916	502977	333997	61.227	63.614
38)	L8 AR-1262-3	9.461	8.202	5111182	2970527	990.549	1419.781 #
39)	L8 AR-1262-4	9.557	8.267	4483418	2616572	1133.255	690.049 #
40)	L8 AR-1262-5	10.222	8.759	1620203	906940	591.840	527.142
41)	L9 AR-1268-1	9.461	8.202	5111182	2970527	487.546	498.443
42)	L9 AR-1268-2	9.557	8.267	4483418	2616572	490.323	497.696

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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	9.783	8.474	3901724	2205672	471.058	484.404
44) L9	AR-1268-4	10.222	8.759	1620203	906940	515.603	491.275
45) L9	AR-1268-5	10.634	9.039	11649052	6458712	471.176	449.648

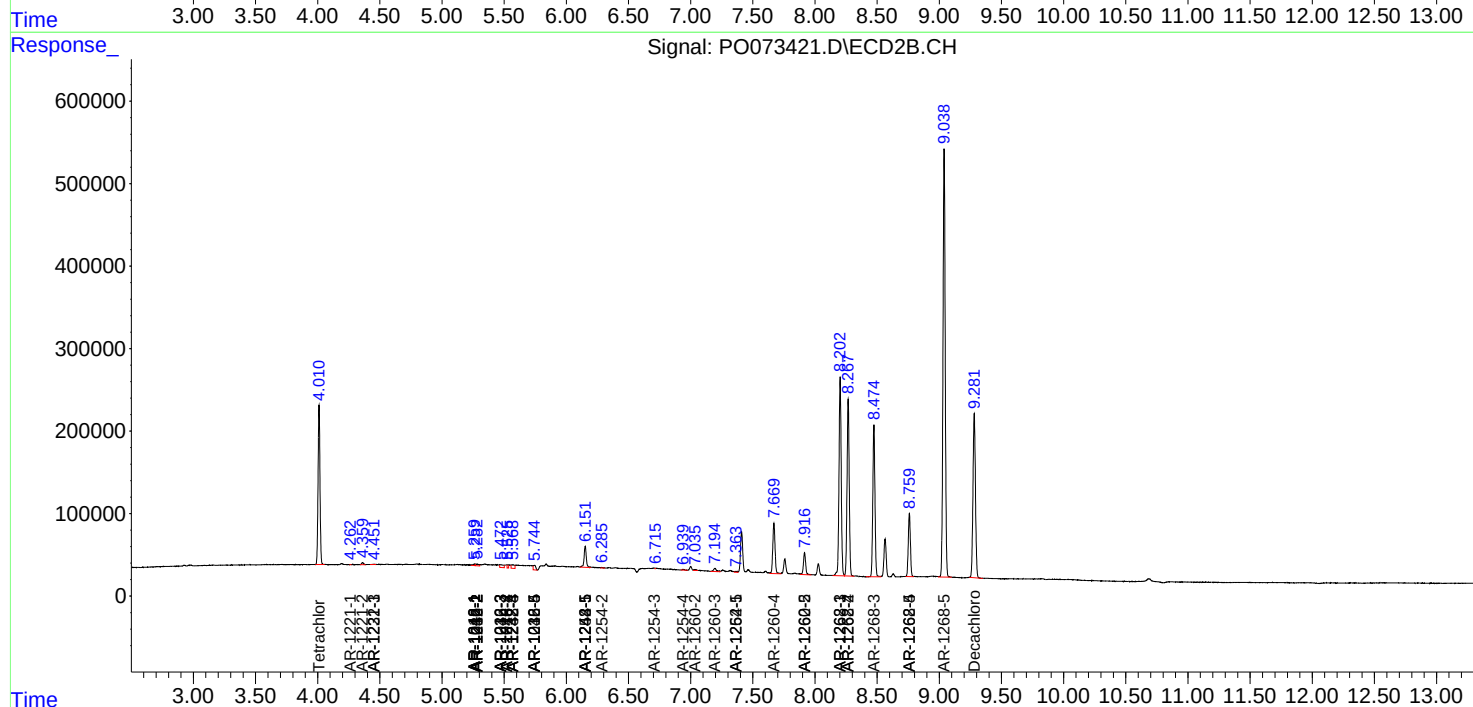
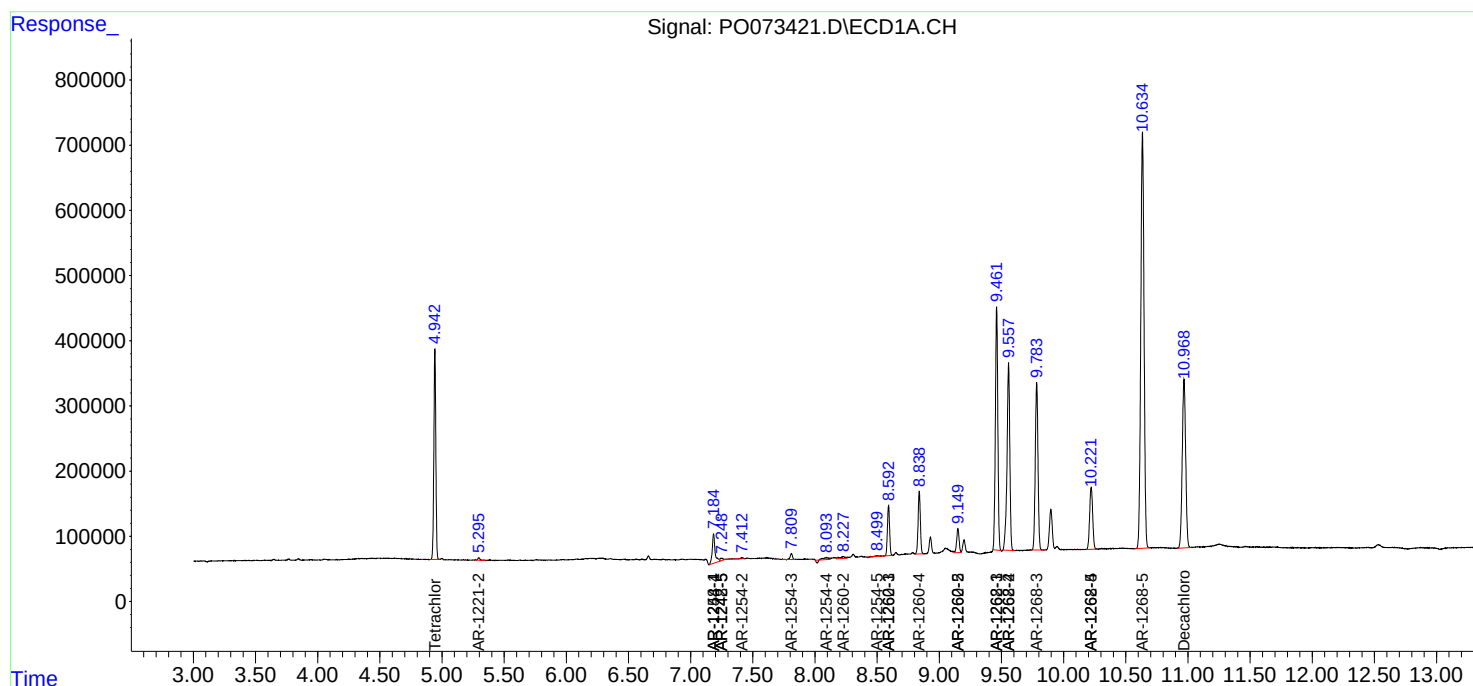
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

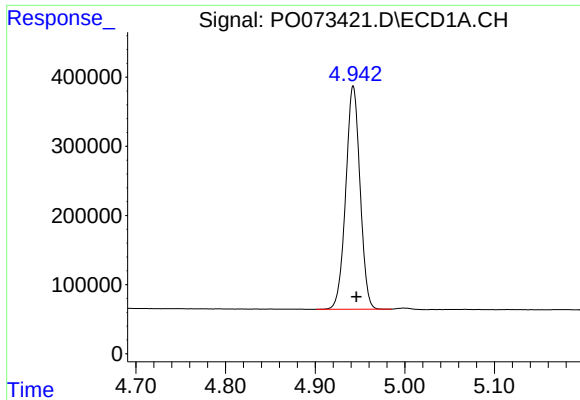
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Data File : PO073421.D
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

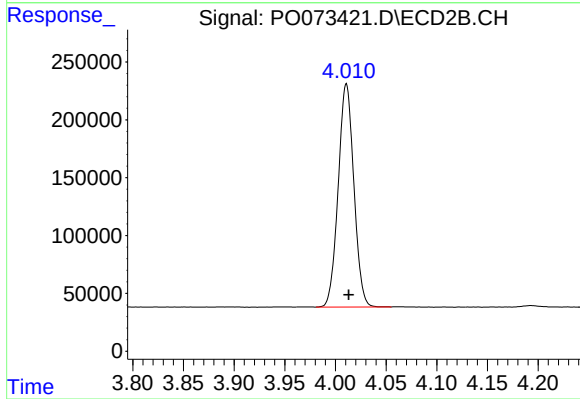




#1 Tetrachloro-m-xylene

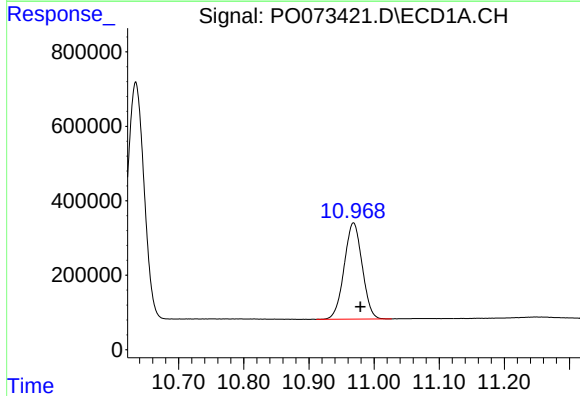
R.T.: 4.942 min
Delta R.T.: -0.004 min
Response: 3576507
Conc: 56.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



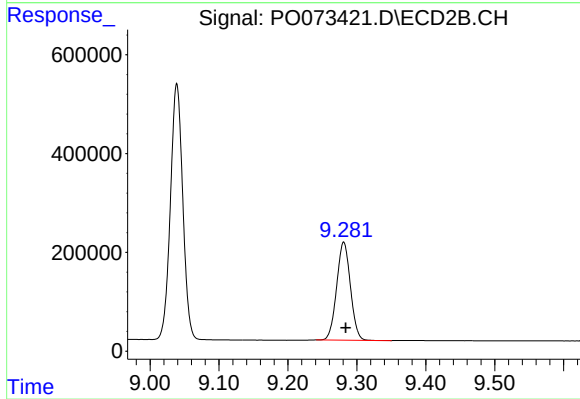
#1 Tetrachloro-m-xylene

R.T.: 4.011 min
Delta R.T.: -0.002 min
Response: 2072804
Conc: 57.74 ng/ml



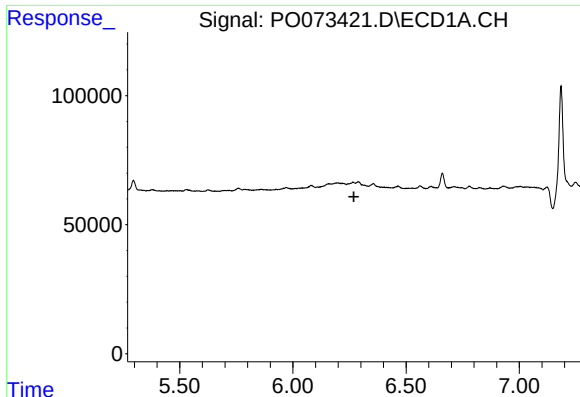
#2 Decachlorobiphenyl

R.T.: 10.968 min
Delta R.T.: -0.011 min
Response: 4963975
Conc: 92.74 ng/ml



#2 Decachlorobiphenyl

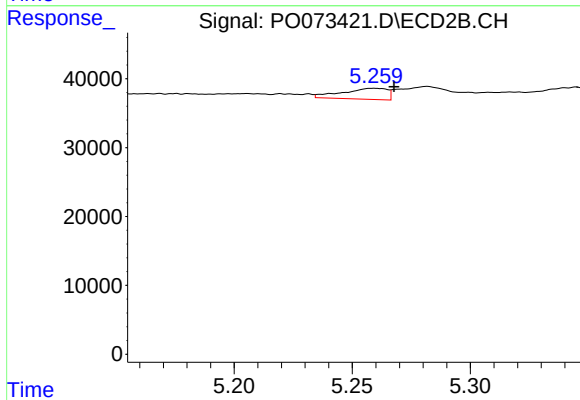
R.T.: 9.281 min
Delta R.T.: -0.003 min
Response: 2752512
Conc: 78.78 ng/ml



#3 AR-1016-1

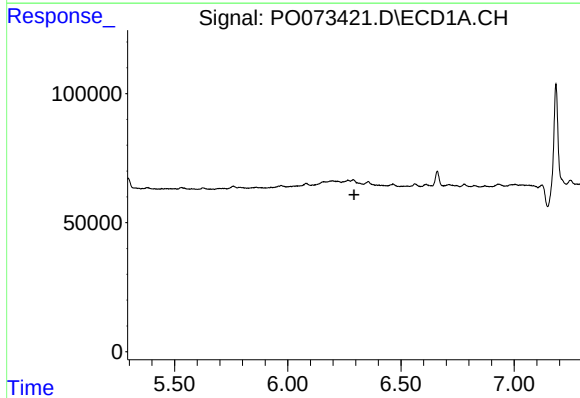
R.T.: 0.000 min
Exp R.T.: 6.269 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



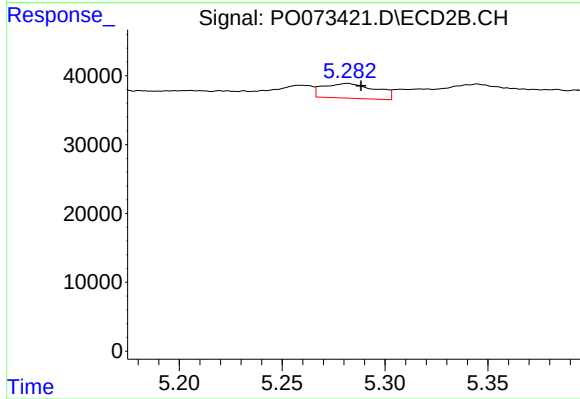
#3 AR-1016-1

R.T.: 5.259 min
Delta R.T.: -0.009 min
Response: 20915
Conc: 13.60 ng/ml



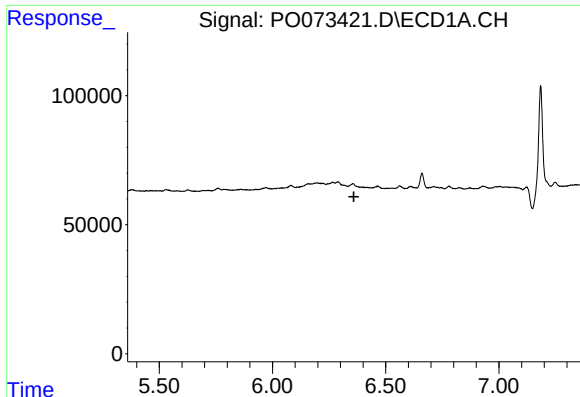
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T.: 6.292 min
Response: 0
Conc: N.D.



#4 AR-1016-2

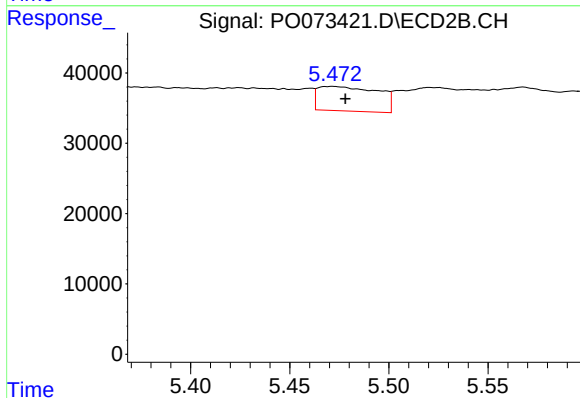
R.T.: 5.282 min
Delta R.T.: -0.006 min
Response: 37738
Conc: 17.98 ng/ml



#5 AR-1016-3

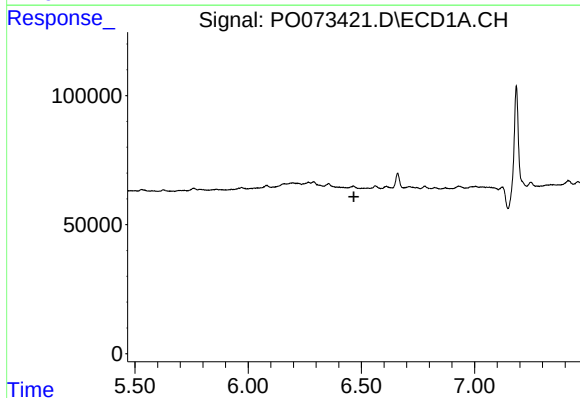
R.T.: 0.000 min
Exp R.T.: 6.360 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



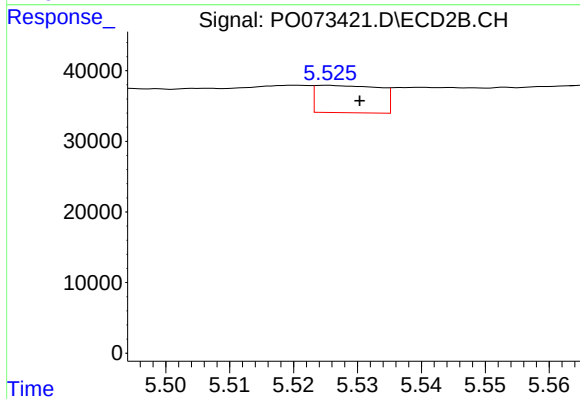
#5 AR-1016-3

R.T.: 5.472 min
Delta R.T.: -0.006 min
Response: 73460
Conc: 73.83 ng/ml



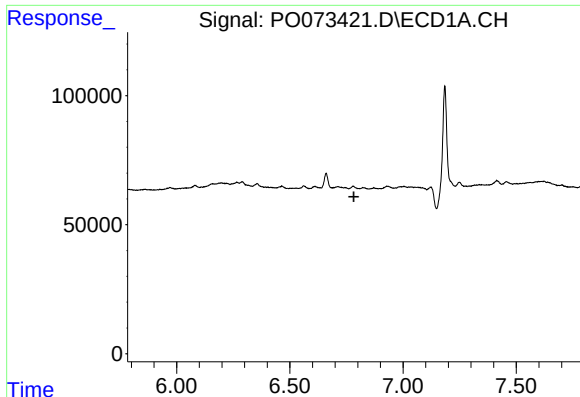
#6 AR-1016-4

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



#6 AR-1016-4

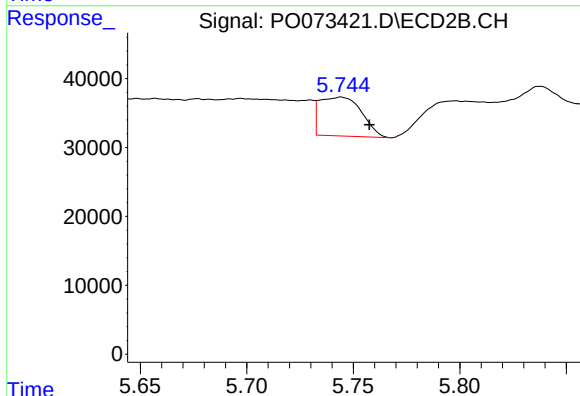
R.T.: 5.525 min
Delta R.T.: -0.005 min
Response: 26847
Conc: 29.65 ng/ml



#7 AR-1016-5

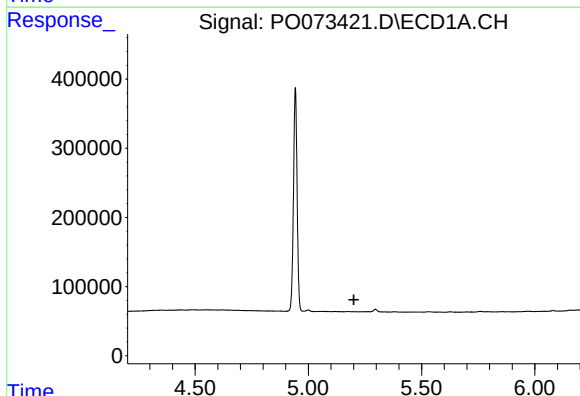
R.T.: 0.000 min
Exp R.T.: 6.783 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



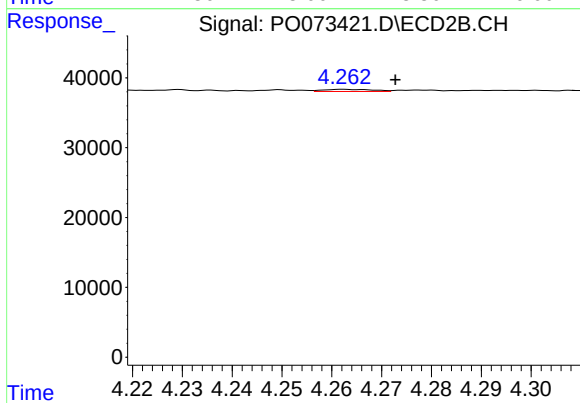
#7 AR-1016-5

R.T.: 5.744 min
Delta R.T.: -0.013 min
Response: 77238
Conc: 67.53 ng/ml



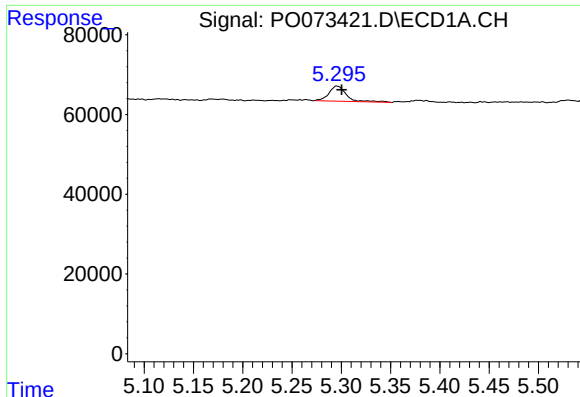
#8 AR-1221-1

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



#8 AR-1221-1

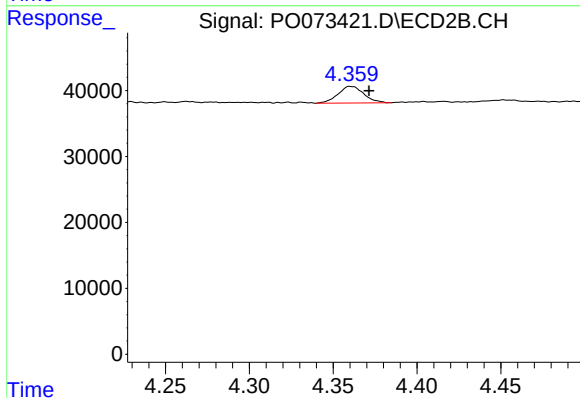
R.T.: 4.262 min
Delta R.T.: -0.010 min
Response: 2032
Conc: 4.70 ng/ml



#9 AR-1221-2

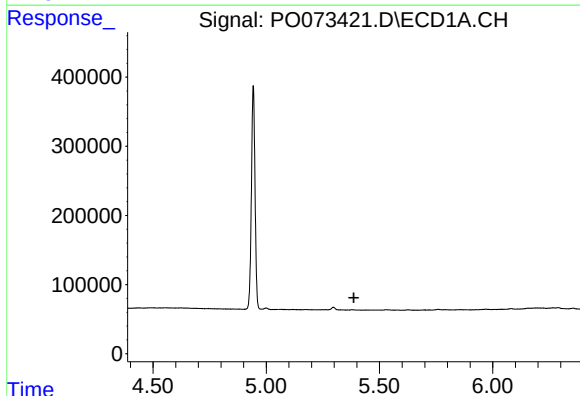
R.T.: 5.296 min
Delta R.T.: -0.005 min
Response: 47001
Conc: 87.26 ng/ml

Instrument :
ECD_O
ClientSampleId :



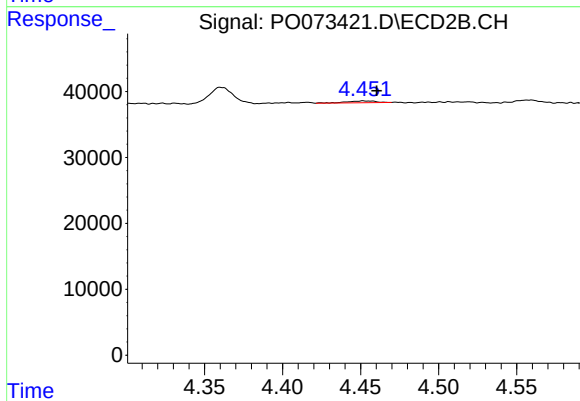
#9 AR-1221-2

R.T.: 4.360 min
Delta R.T.: -0.011 min
Response: 27076
Conc: 82.92 ng/ml



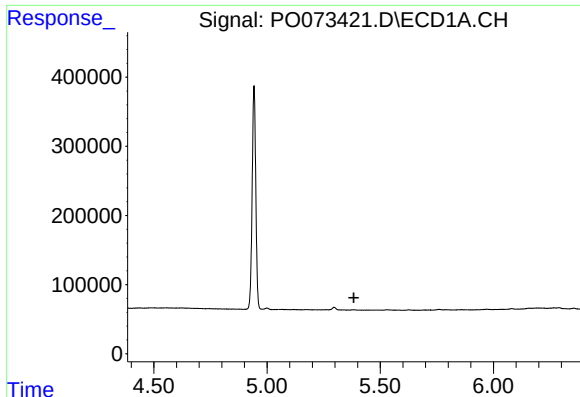
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 5.387 min
Response: 0
Conc: N.D.



#10 AR-1221-3

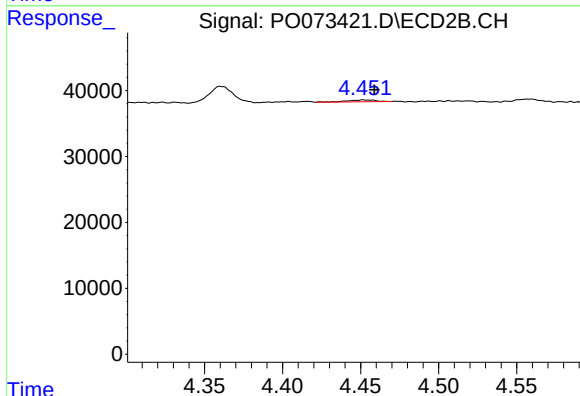
R.T.: 4.452 min
Delta R.T.: -0.009 min
Response: 3568
Conc: 3.61 ng/ml



#11 AR-1232-1

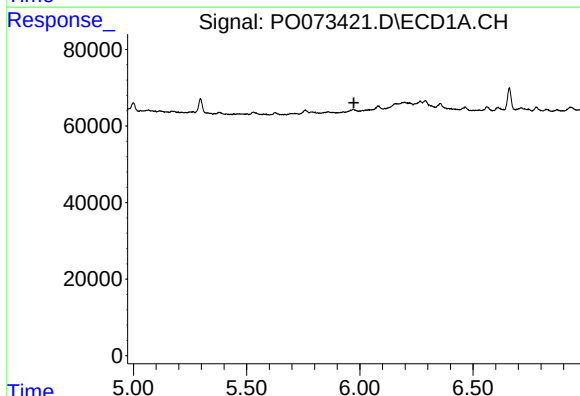
R.T.: 0.000 min
Exp R.T.: 5.383 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



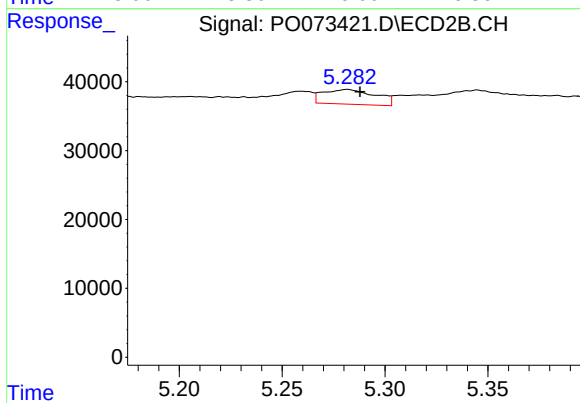
#11 AR-1232-1

R.T.: 4.452 min
Delta R.T.: -0.007 min
Response: 3568
Conc: 4.15 ng/ml



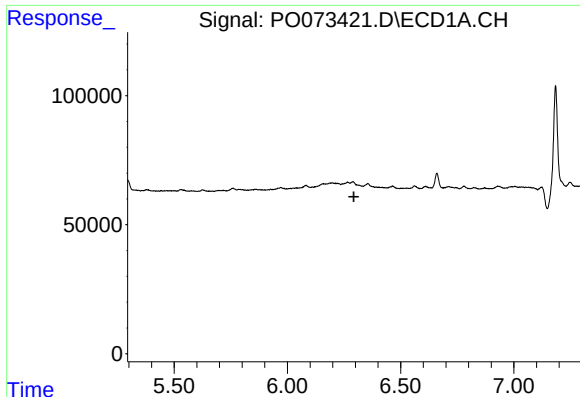
#12 AR-1232-2

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



#12 AR-1232-2

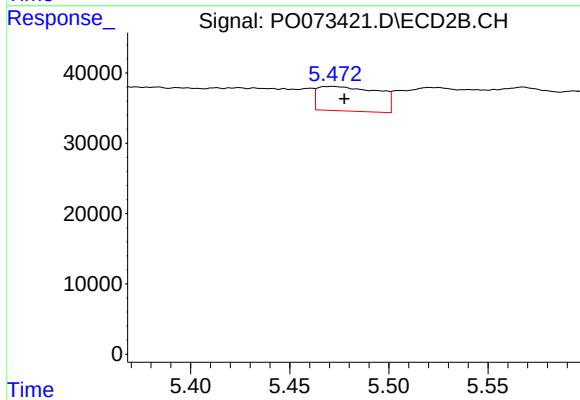
R.T.: 5.282 min
Delta R.T.: -0.006 min
Response: 37738
Conc: 40.48 ng/ml



#13 AR-1232-3

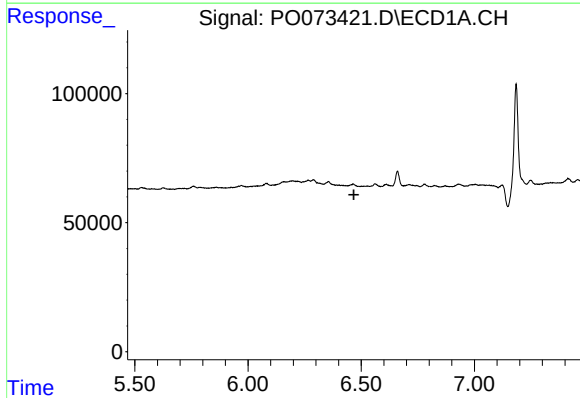
R.T.: 0.000 min
Exp R.T.: 6.294 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



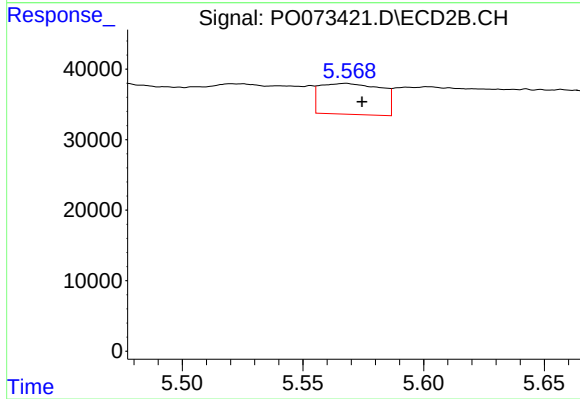
#13 AR-1232-3

R.T.: 5.472 min
Delta R.T.: -0.006 min
Response: 73460
Conc: 162.61 ng/ml



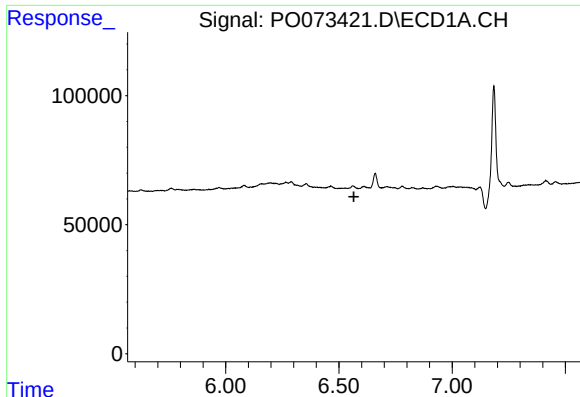
#14 AR-1232-4

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



#14 AR-1232-4

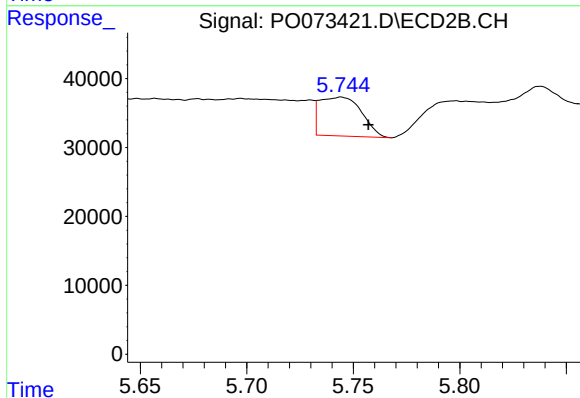
R.T.: 5.568 min
Delta R.T.: -0.007 min
Response: 77313
Conc: 175.49 ng/ml



#15 AR-1232-5

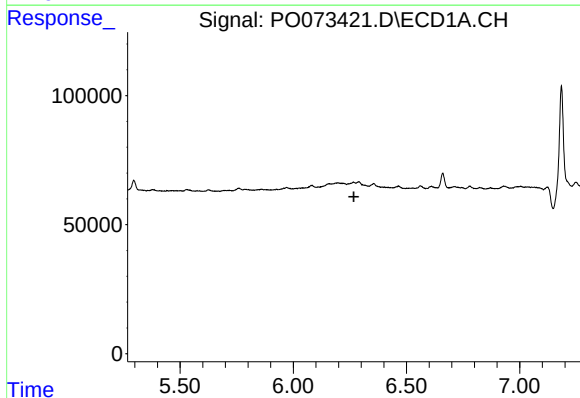
R.T.: 0.000 min
Exp R.T.: 6.566 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



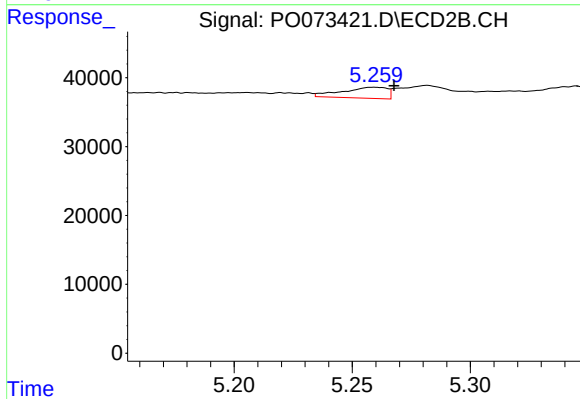
#15 AR-1232-5

R.T.: 5.744 min
Delta R.T.: -0.013 min
Response: 77238
Conc: 155.48 ng/ml



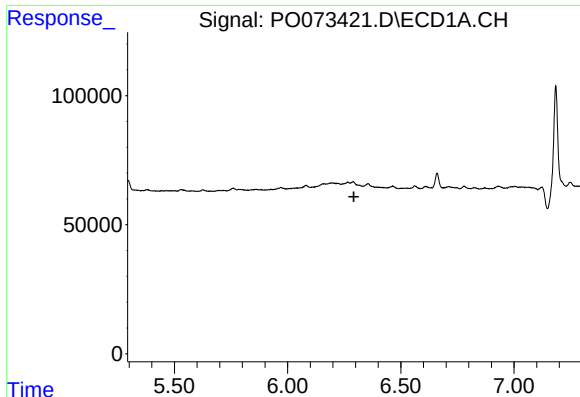
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T.: 6.268 min
Response: 0
Conc: N.D.



#16 AR-1242-1

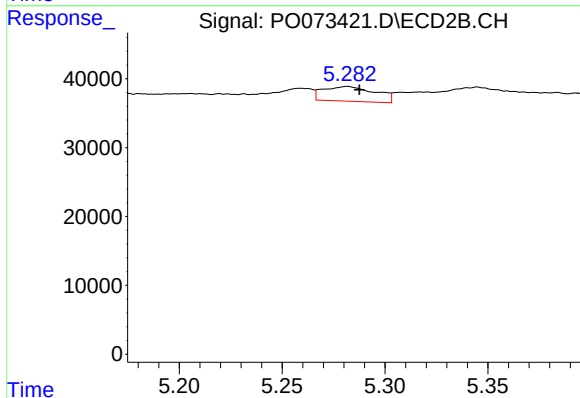
R.T.: 5.259 min
Delta R.T.: -0.009 min
Response: 20915
Conc: 16.92 ng/ml



#17 AR-1242-2

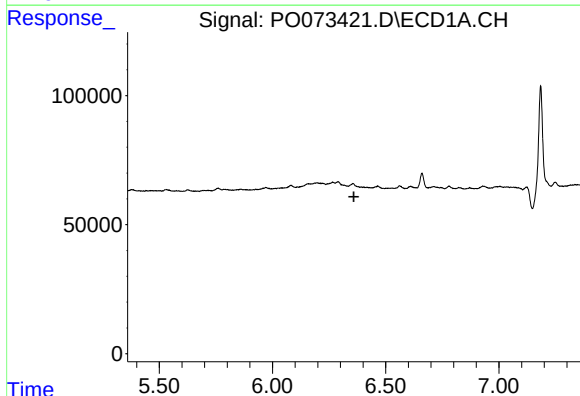
R.T.: 0.000 min
Exp R.T.: 6.292 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



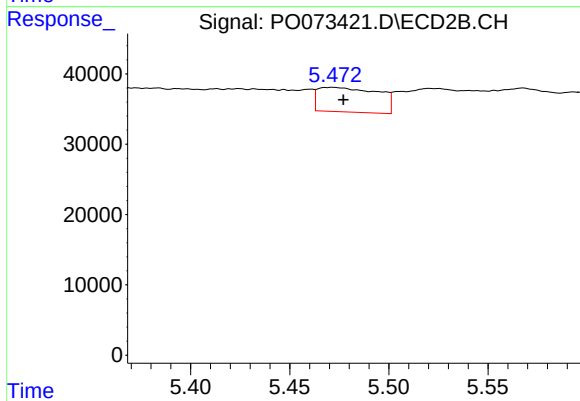
#17 AR-1242-2

R.T.: 5.282 min
Delta R.T.: -0.006 min
Response: 37738
Conc: 22.63 ng/ml



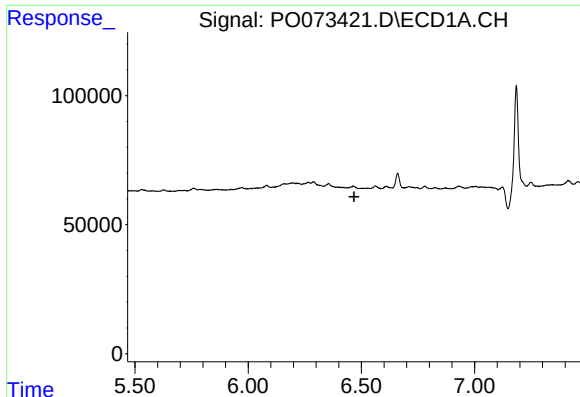
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T.: 6.360 min
Response: 0
Conc: N.D.



#18 AR-1242-3

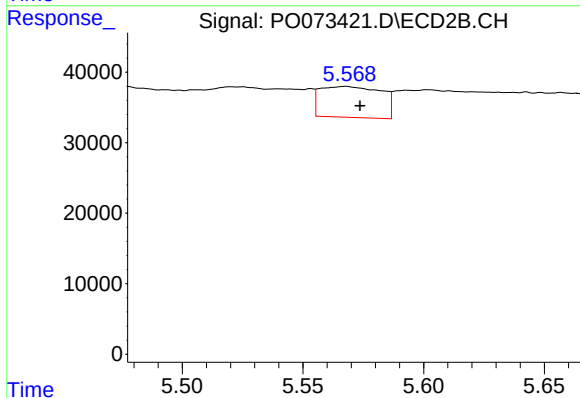
R.T.: 5.472 min
Delta R.T.: -0.005 min
Response: 73460
Conc: 89.01 ng/ml



#19 AR-1242-4

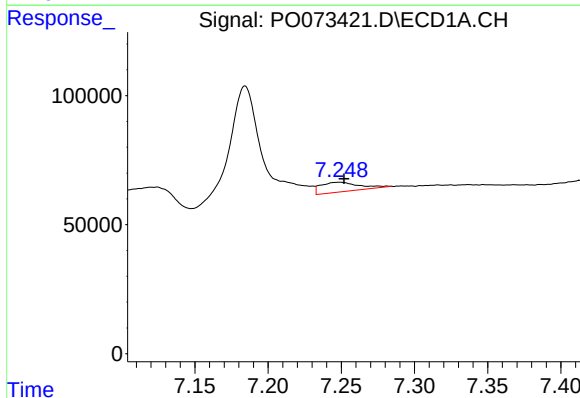
R.T.: 0.000 min
Exp R.T.: 6.467 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



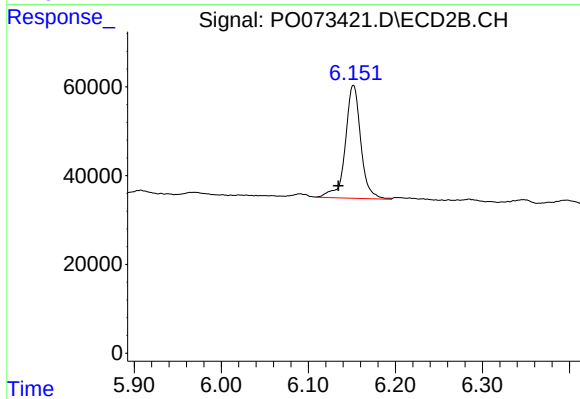
#19 AR-1242-4

R.T.: 5.568 min
Delta R.T.: -0.006 min
Response: 77313
Conc: 87.40 ng/ml



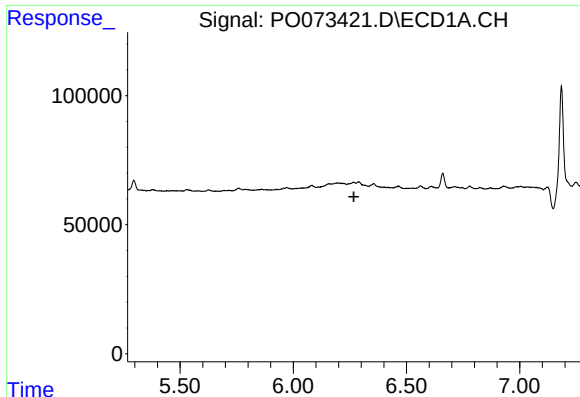
#20 AR-1242-5

R.T.: 7.249 min
Delta R.T.: -0.003 min
Response: 67681
Conc: 42.27 ng/ml



#20 AR-1242-5

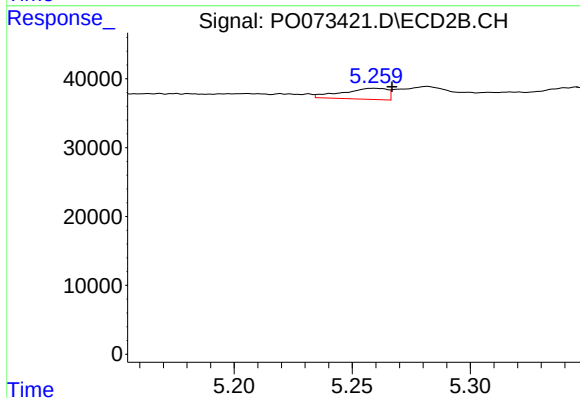
R.T.: 6.152 min
Delta R.T.: 0.017 min
Response: 313261
Conc: 268.51 ng/ml



#21 AR-1248-1

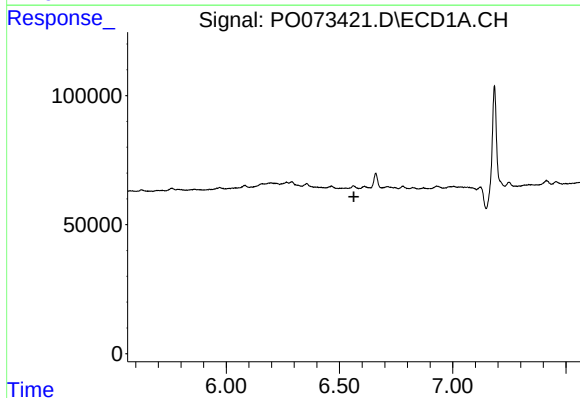
R.T.: 0.000 min
Exp R.T.: 6.268 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



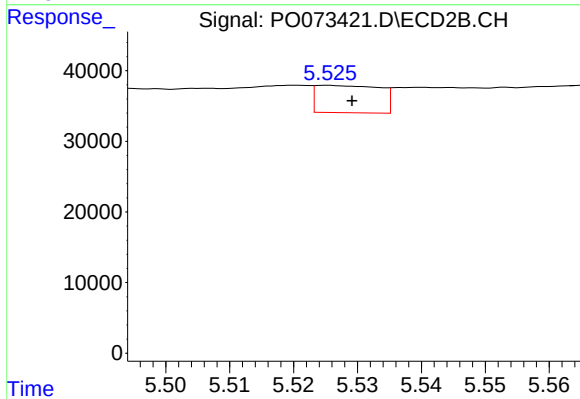
#21 AR-1248-1

R.T.: 5.259 min
Delta R.T.: -0.008 min
Response: 20915
Conc: 22.21 ng/ml



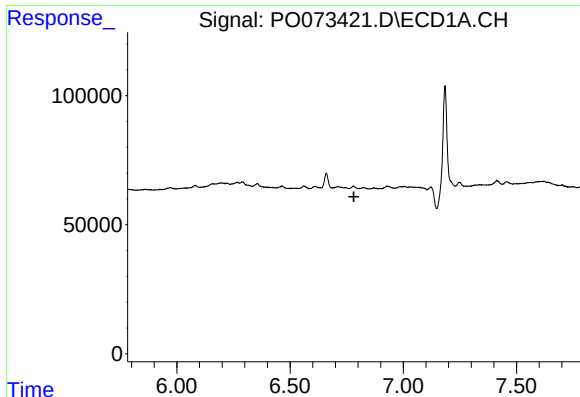
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T.: 6.564 min
Response: 0
Conc: N.D.



#22 AR-1248-2

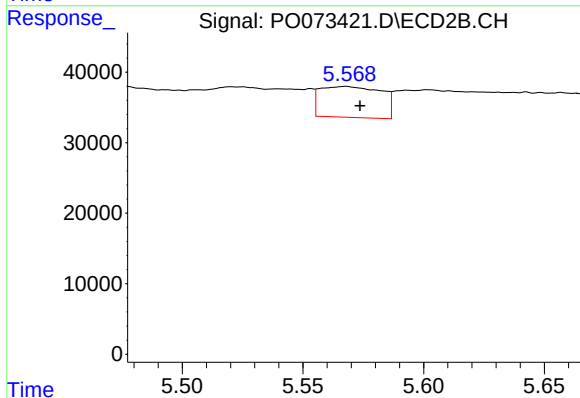
R.T.: 5.525 min
Delta R.T.: -0.004 min
Response: 26847
Conc: 21.20 ng/ml



#23 AR-1248-3

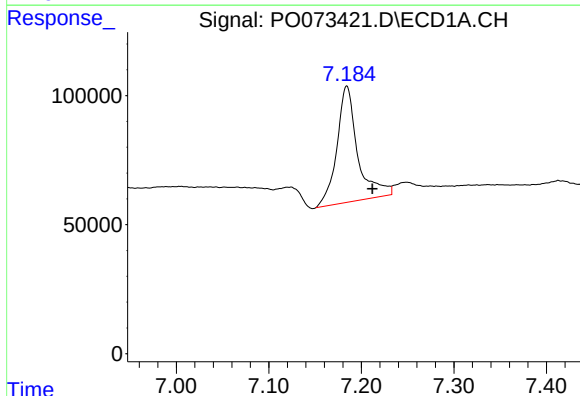
R.T.: 0.000 min
Exp R.T.: 6.782 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :



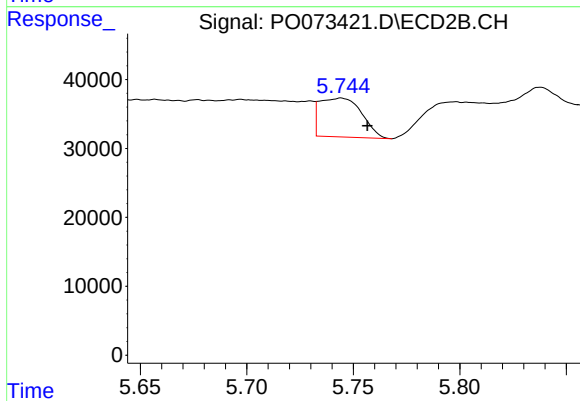
#23 AR-1248-3

R.T.: 5.568 min
Delta R.T.: -0.006 min
Response: 77313
Conc: 58.78 ng/ml



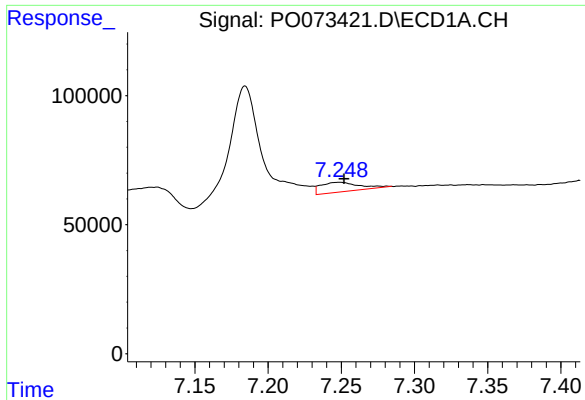
#24 AR-1248-4

R.T.: 7.184 min
Delta R.T.: -0.028 min
Response: 703140
Conc: 236.53 ng/ml



#24 AR-1248-4

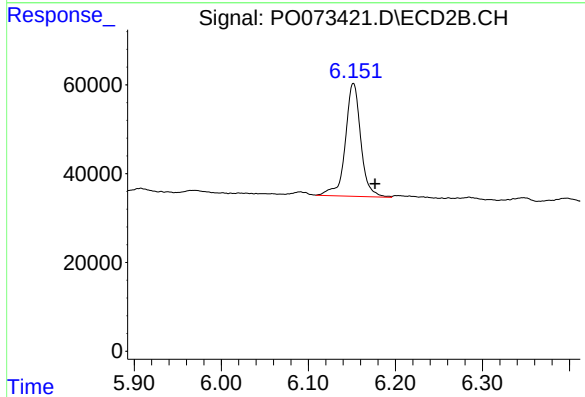
R.T.: 5.744 min
Delta R.T.: -0.012 min
Response: 77238
Conc: 48.79 ng/ml



#25 AR-1248-5

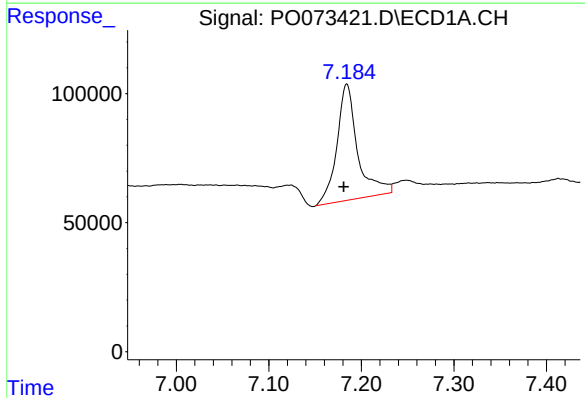
R.T.: 7.249 min
Delta R.T.: -0.003 min
Response: 67681
Conc: 24.23 ng/ml

Instrument :
ECD_O
ClientSampleId :



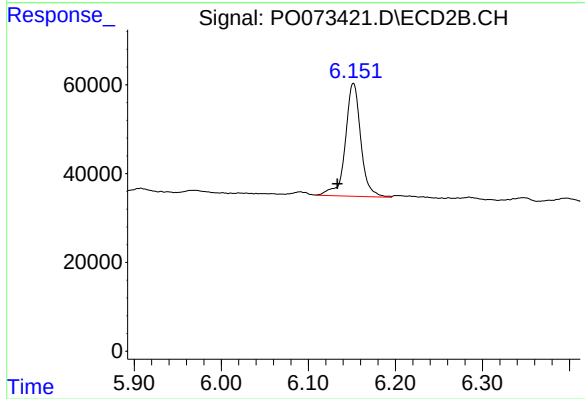
#25 AR-1248-5

R.T.: 6.152 min
Delta R.T.: -0.025 min
Response: 313261
Conc: 188.91 ng/ml



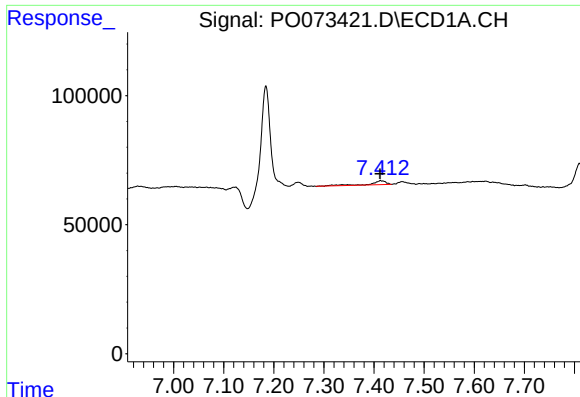
#26 AR-1254-1

R.T.: 7.184 min
Delta R.T.: 0.003 min
Response: 703140
Conc: 238.77 ng/ml



#26 AR-1254-1

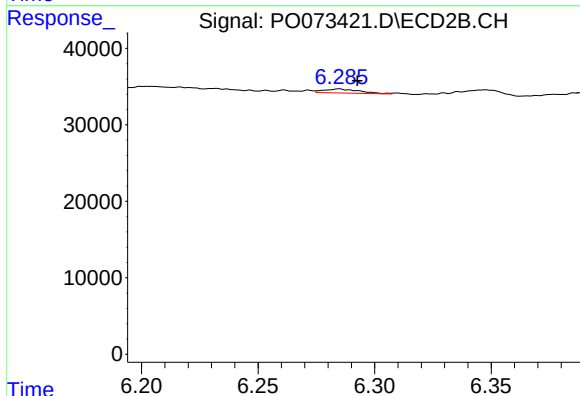
R.T.: 6.152 min
Delta R.T.: 0.018 min
Response: 313261
Conc: 127.39 ng/ml



#27 AR-1254-2

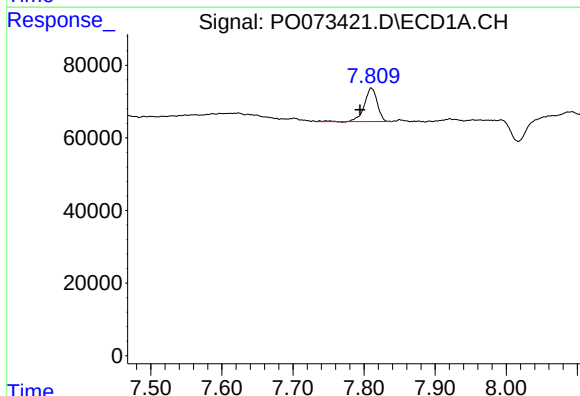
R.T.: 7.413 min
Delta R.T.: 0.000 min
Response: 33123
Conc: 6.95 ng/ml

Instrument :
ECD_O
ClientSampleId :



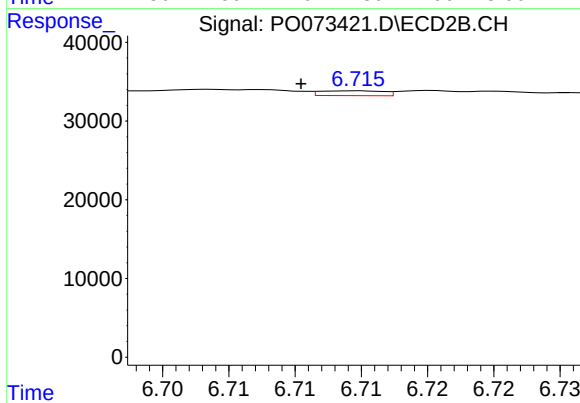
#27 AR-1254-2

R.T.: 6.285 min
Delta R.T.: -0.008 min
Response: 5551
Conc: 2.54 ng/ml



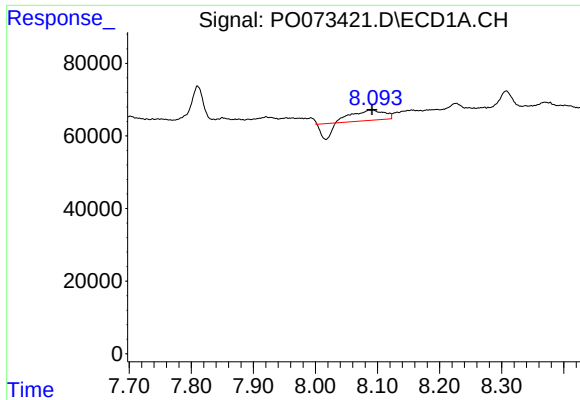
#28 AR-1254-3

R.T.: 7.810 min
Delta R.T.: 0.016 min
Response: 117799
Conc: 24.64 ng/ml



#28 AR-1254-3

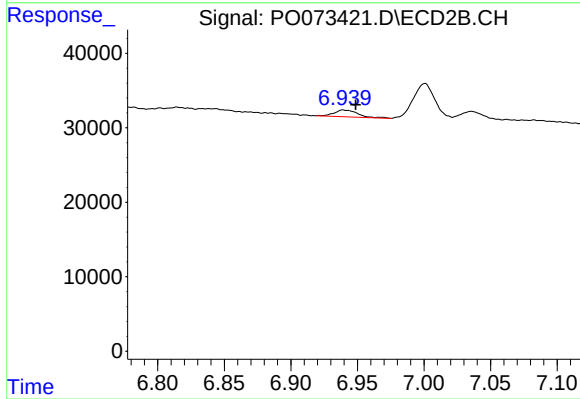
R.T.: 6.715 min
Delta R.T.: 0.004 min
Response: 2056
Conc: 0.56 ng/ml



#29 AR-1254-4

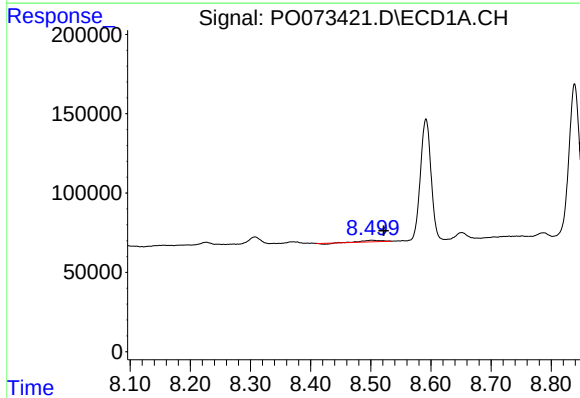
R.T.: 8.092 min
Delta R.T.: 0.001 min
Response: 63480
Conc: 14.87 ng/ml

Instrument :
ECD_O
ClientSampleId :



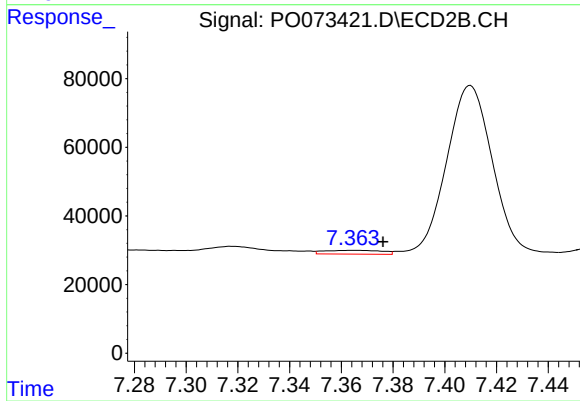
#29 AR-1254-4

R.T.: 6.939 min
Delta R.T.: -0.010 min
Response: 11211
Conc: 4.69 ng/ml



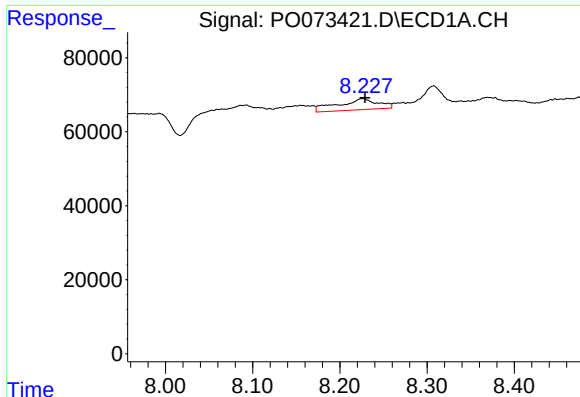
#30 AR-1254-5

R.T.: 8.502 min
Delta R.T.: -0.019 min
Response: 18322
Conc: 4.59 ng/ml



#30 AR-1254-5

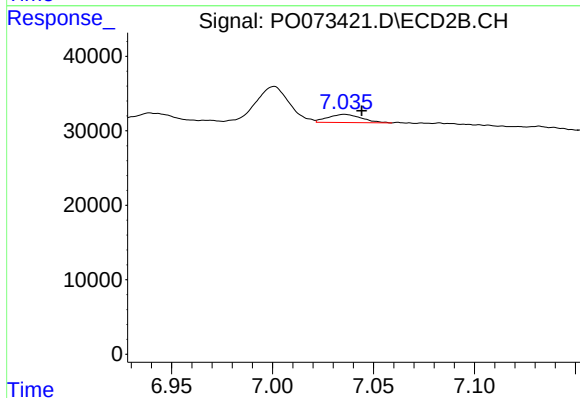
R.T.: 7.364 min
Delta R.T.: -0.012 min
Response: 17318
Conc: 5.22 ng/ml



#32 AR-1260-2

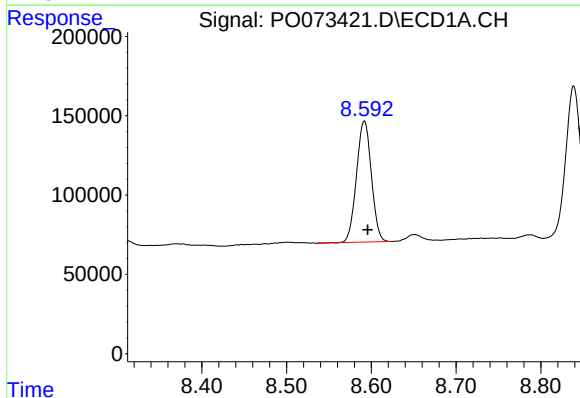
R.T.: 8.226 min
Delta R.T.: -0.003 min
Response: 95501
Conc: 22.29 ng/ml

Instrument :
ECD_O
ClientSampleId :



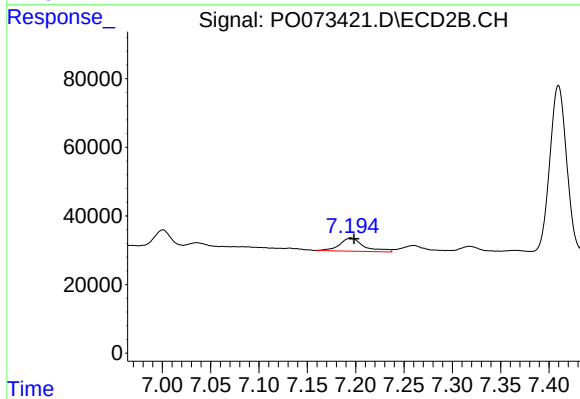
#32 AR-1260-2

R.T.: 7.035 min
Delta R.T.: -0.009 min
Response: 12721
Conc: 4.72 ng/ml



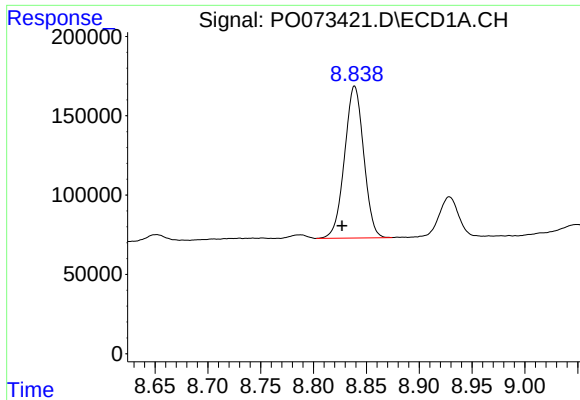
#33 AR-1260-3

R.T.: 8.592 min
Delta R.T.: -0.004 min
Response: 932109
Conc: 287.95 ng/ml



#33 AR-1260-3

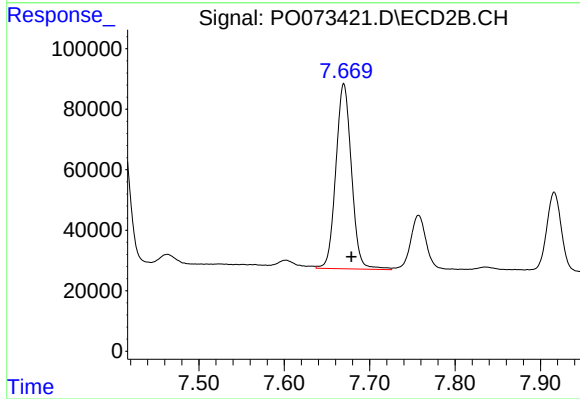
R.T.: 7.195 min
Delta R.T.: -0.004 min
Response: 66643
Conc: 27.06 ng/ml



#34 AR-1260-4

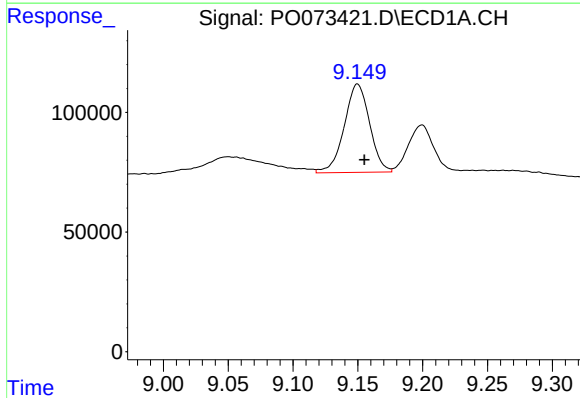
R.T.: 8.839 min
Delta R.T.: 0.012 min
Response: 1205379
Conc: 386.36 ng/ml

Instrument :
ECD_O
ClientSampleId :



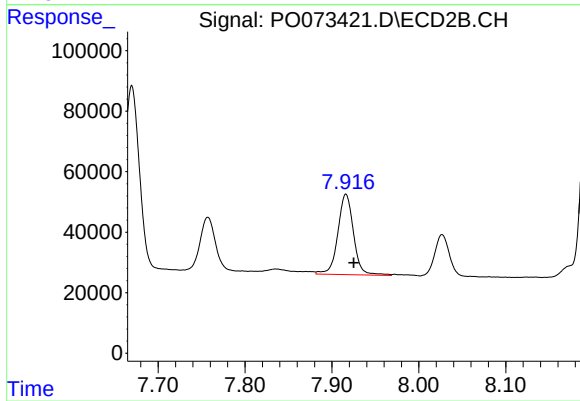
#34 AR-1260-4

R.T.: 7.670 min
Delta R.T.: -0.009 min
Response: 777557
Conc: 381.52 ng/ml



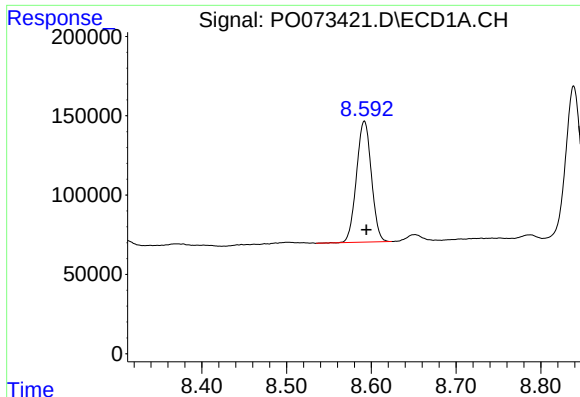
#35 AR-1260-5

R.T.: 9.150 min
Delta R.T.: -0.005 min
Response: 502977
Conc: 69.99 ng/ml



#35 AR-1260-5

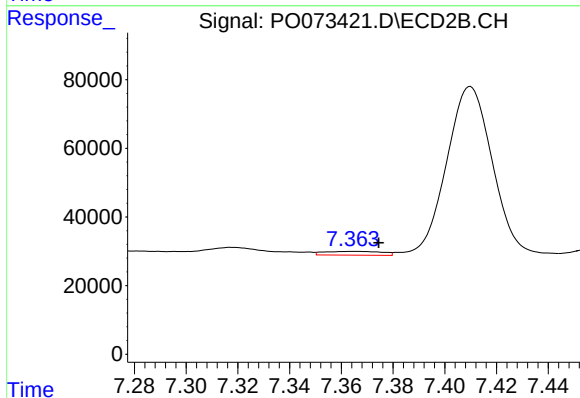
R.T.: 7.916 min
Delta R.T.: -0.009 min
Response: 333997
Conc: 70.56 ng/ml



#36 AR-1262-1

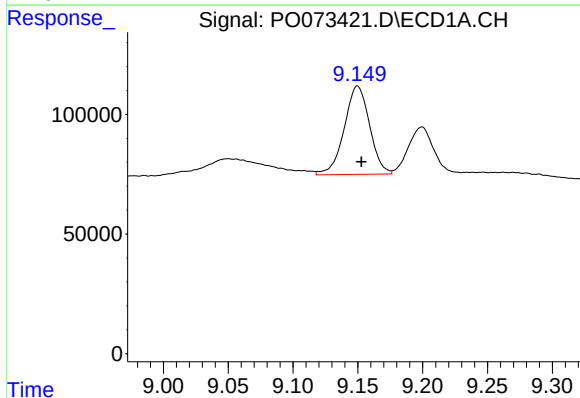
R.T.: 8.592 min
Delta R.T.: -0.002 min
Response: 932109
Conc: 188.52 ng/ml

Instrument :
ECD_O
ClientSampleId :



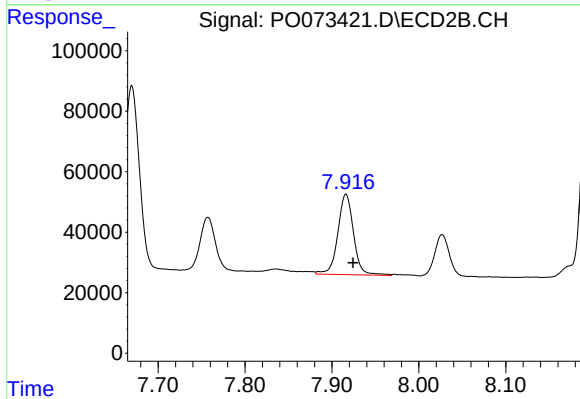
#36 AR-1262-1

R.T.: 7.364 min
Delta R.T.: -0.011 min
Response: 17318
Conc: 10.79 ng/ml



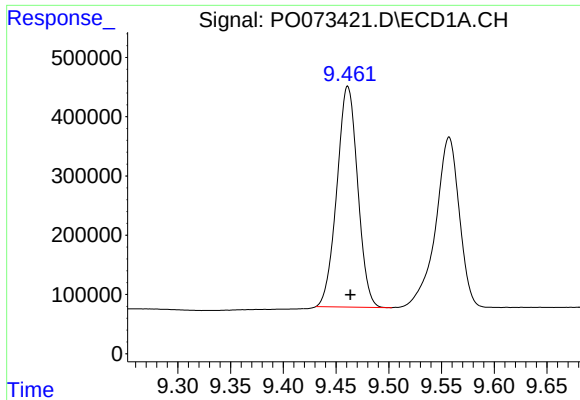
#37 AR-1262-2

R.T.: 9.150 min
Delta R.T.: -0.003 min
Response: 502977
Conc: 61.23 ng/ml



#37 AR-1262-2

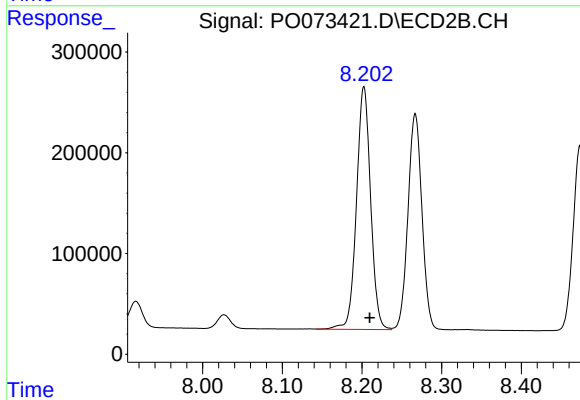
R.T.: 7.916 min
Delta R.T.: -0.008 min
Response: 333997
Conc: 63.61 ng/ml



#38 AR-1262-3

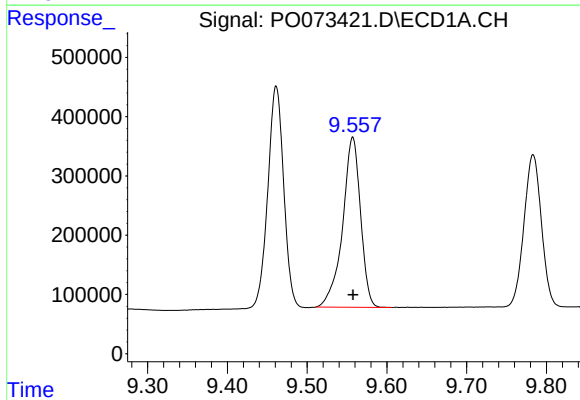
R.T.: 9.461 min
Delta R.T.: -0.002 min
Response: 5111182
Conc: 990.55 ng/ml

Instrument :
ECD_O
ClientSampleId :



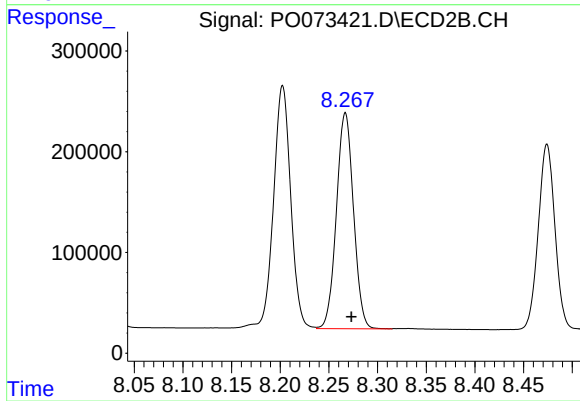
#38 AR-1262-3

R.T.: 8.202 min
Delta R.T.: -0.007 min
Response: 2970527
Conc: 1419.78 ng/ml



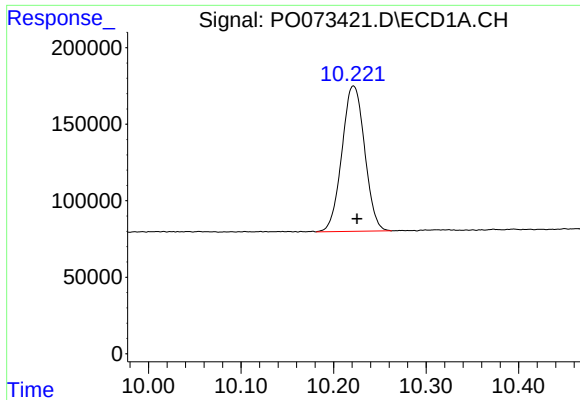
#39 AR-1262-4

R.T.: 9.557 min
Delta R.T.: 0.000 min
Response: 4483418
Conc: 1133.26 ng/ml



#39 AR-1262-4

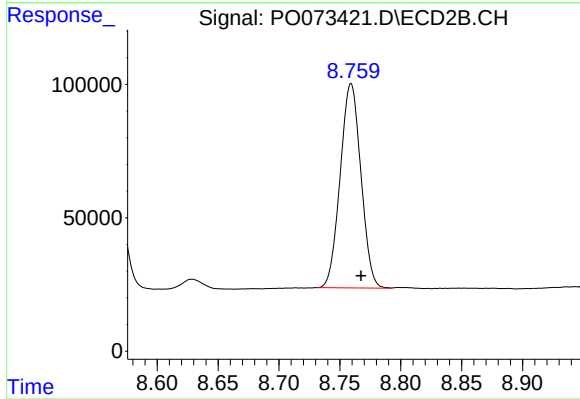
R.T.: 8.267 min
Delta R.T.: -0.006 min
Response: 2616572
Conc: 690.05 ng/ml



#40 AR-1262-5

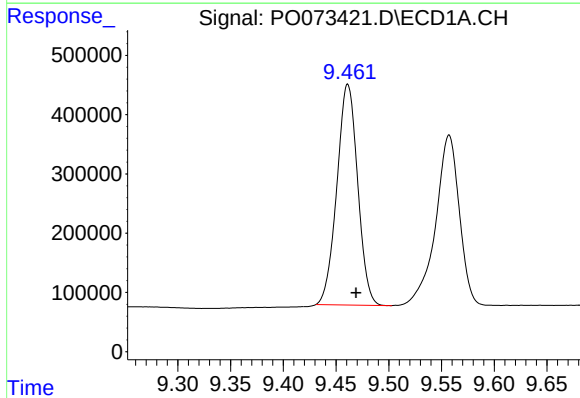
R.T.: 10.222 min
Delta R.T.: -0.004 min
Response: 1620203
Conc: 591.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



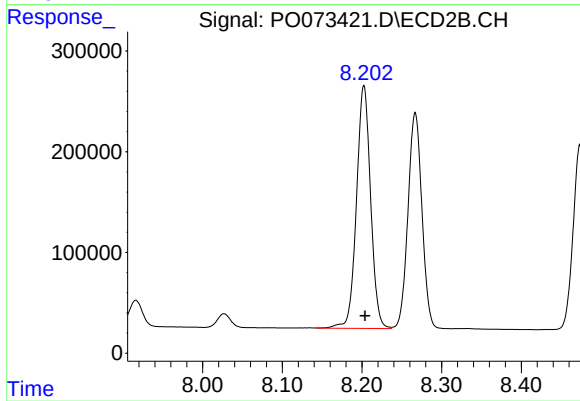
#40 AR-1262-5

R.T.: 8.759 min
Delta R.T.: -0.008 min
Response: 906940
Conc: 527.14 ng/ml



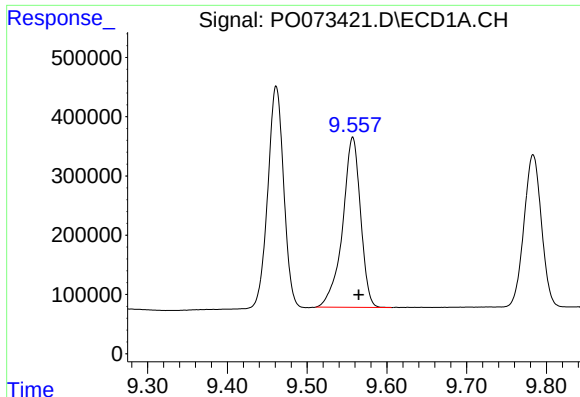
#41 AR-1268-1

R.T.: 9.461 min
Delta R.T.: -0.008 min
Response: 5111182
Conc: 487.55 ng/ml



#41 AR-1268-1

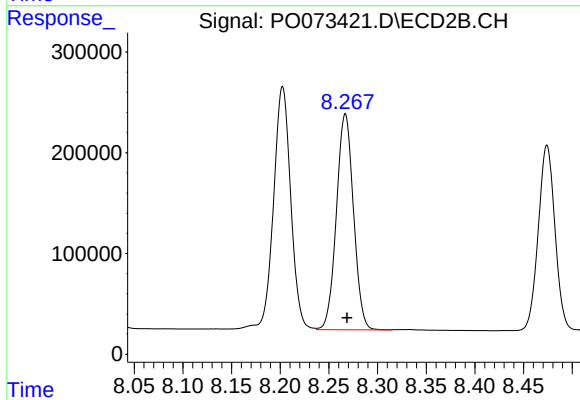
R.T.: 8.202 min
Delta R.T.: -0.002 min
Response: 2970527
Conc: 498.44 ng/ml



#42 AR-1268-2

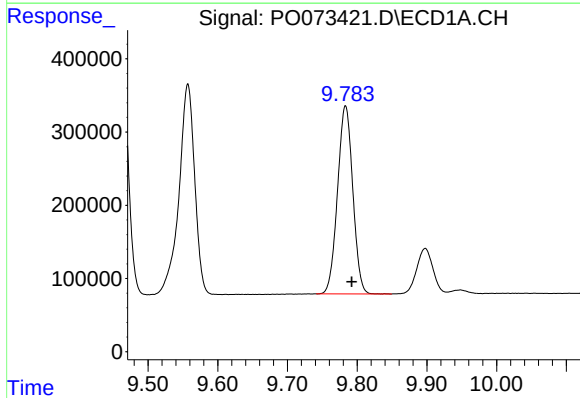
R.T.: 9.557 min
Delta R.T.: -0.008 min
Response: 4483418
Conc: 490.32 ng/ml

Instrument :
ECD_O
ClientSampleId :



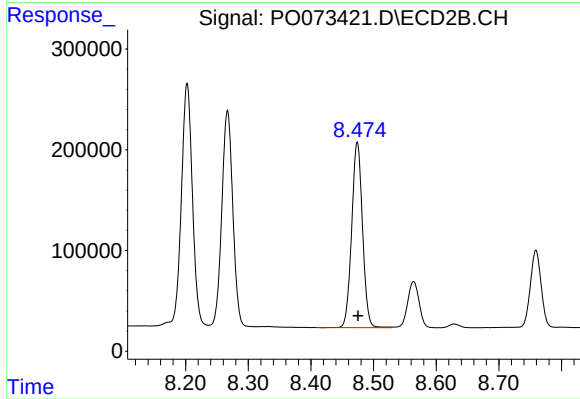
#42 AR-1268-2

R.T.: 8.267 min
Delta R.T.: -0.002 min
Response: 2616572
Conc: 497.70 ng/ml



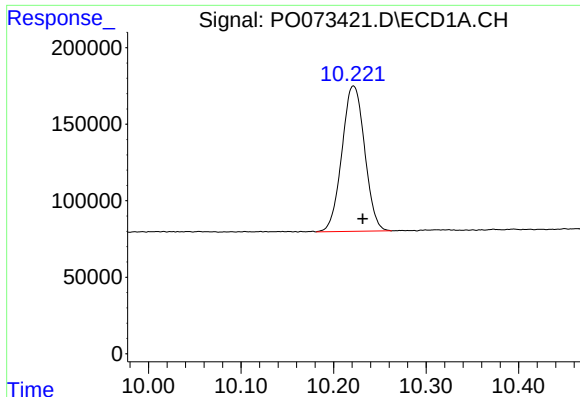
#43 AR-1268-3

R.T.: 9.783 min
Delta R.T.: -0.009 min
Response: 3901724
Conc: 471.06 ng/ml



#43 AR-1268-3

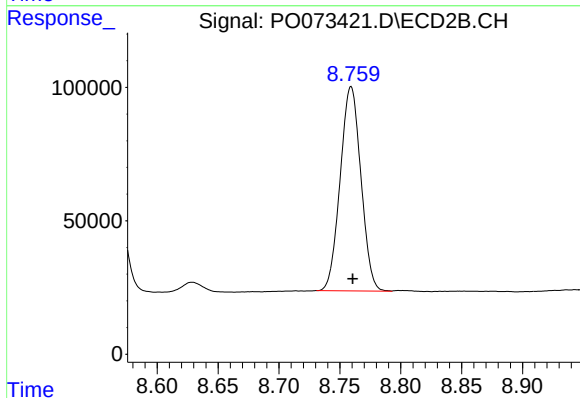
R.T.: 8.474 min
Delta R.T.: -0.001 min
Response: 2205672
Conc: 484.40 ng/ml



#44 AR-1268-4

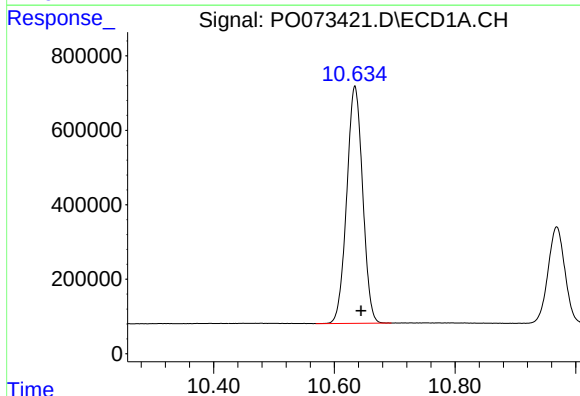
R.T.: 10.222 min
Delta R.T.: -0.010 min
Response: 1620203
Conc: 515.60 ng/ml

Instrument :
ECD_O
ClientSampleId :



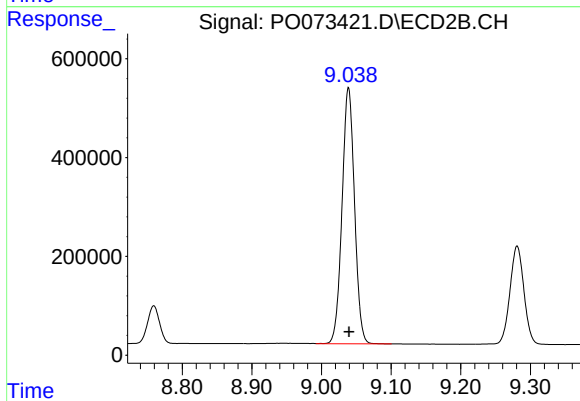
#44 AR-1268-4

R.T.: 8.759 min
Delta R.T.: -0.001 min
Response: 906940
Conc: 491.27 ng/ml



#45 AR-1268-5

R.T.: 10.634 min
Delta R.T.: -0.010 min
Response: 11649052
Conc: 471.18 ng/ml



#45 AR-1268-5

R.T.: 9.039 min
Delta R.T.: 0.000 min
Response: 6458712
Conc: 449.65 ng/ml