

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD091719\
 Data File : PD054651.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 17 Sep 2019 13:28
 Operator : SG\AJ
 Sample : K4810-03
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 C0AK3

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 18 01:38:20 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091319.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Sep 14 00:06:36 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...	4.381	3.482	29375	13394	0.798	0.480 #
2)	SA Decachlor...	10.019	8.473	38780	16569	0.844	0.473 #
Target Compounds							
3)	L1 AR-1016-1	5.538	4.617	196051	187425	122.674	151.609
4)	L1 AR-1016-2	5.538	4.617	196051	187425	85.636	110.164 #
5)	L1 AR-1016-3	5.625	4.775	113890	27850	79.334	28.727 #
6)	L1 AR-1016-4	5.702	4.819	93441	57851	79.216	70.677
7)	L1 AR-1016-5	6.026	5.043	68906	-37465	54.968	N.D. #
8)	L2 AR-1221-1	4.579	3.745	30186	64227	68.773	181.441 #
9)	L2 AR-1221-2	4.690	3.765	37080	53657	108.560	190.923 #
10)	L2 AR-1221-3	4.714	3.904	21837	20456	20.616	24.643
11)	L3 AR-1232-1	4.714	3.904	21837	20456	18.716	22.445
12)	L3 AR-1232-2	5.245	4.617	157377	187425	242.720	185.631
13)	L3 AR-1232-3	5.538	4.775	196051	27850	146.378	49.627 #
14)	L3 AR-1232-4	5.702	4.863	93441	71865	135.986	137.614
15)	L3 AR-1232-5	5.794	5.043	119099	-37465	217.495	N.D. #
16)	L4 AR-1242-1	5.538	4.617	196051	187425	164.277	205.875 #
17)	L4 AR-1242-2	5.538	4.617	196051	187425	114.710	149.717 #
18)	L4 AR-1242-3	5.625	4.775	113890	27850	105.173	38.976 #
19)	L4 AR-1242-4	5.702	4.863	93441	71865	105.846	98.683
20)	L4 AR-1242-5	6.457	5.302	152168	95685	135.782	96.661 #
21)	L5 AR-1248-1	5.538	4.617	196051	187425	212.960	264.248
22)	L5 AR-1248-2	5.794	4.819	119099	57851	89.062	59.875 #
23)	L5 AR-1248-3	6.026	4.863	68906	71865	45.529	71.356 #
24)	L5 AR-1248-4	6.416	5.043	158652	-37465	87.082	N.D. #
25)	L5 AR-1248-5	6.457	5.441	152168	59943	86.974	47.418 #
26)	L6 AR-1254-1	6.416	5.302	158652	95685	82.346	46.428 #
27)	L6 AR-1254-2	6.587	5.503	1274810	265248	405.097	140.564 #
28)	L6 AR-1254-3	6.988	5.905	345149	48254	97.999	15.176 #
29)	L6 AR-1254-4	7.260	6.132	208935	69107	77.182	33.193 #
30)	L6 AR-1254-5	7.664	6.553	178139	48468	60.410	15.314 #
31)	L7 AR-1260-1	7.138	6.046	132783	758386	54.540	360.554 #
32)	L7 AR-1260-2	7.400	6.219	381934	187962	126.328	72.867 #
33)	L7 AR-1260-3	7.737	6.365	111299	48454	46.638	20.121 #
34)	L7 AR-1260-4	7.977	6.855	1059965	80660	378.871	37.687 #
35)	L7 AR-1260-5	8.259	7.087	300628	76999	55.208	15.934 #
36)	L8 AR-1262-1	7.737	6.589	111299	137546	31.509	46.050 #
37)	L8 AR-1262-2	8.259	7.087	300628	76999	48.220	14.809 #
38)	L8 AR-1262-3	8.627	7.310	138114	1331917	32.414	627.545 #
39)	L8 AR-1262-4	8.627	7.449	138114	324284	42.361	84.903 #
40)	L8 AR-1262-5	0.000	7.859	0	95472	N.D.	57.040 #
41)	L9 AR-1268-1	8.627	7.310	138114	1331917	18.714	227.211 #
42)	L9 AR-1268-2	8.627	7.449	138114	324284	20.446	60.842 #

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 Acq On : 17 Sep 2019 13:28
 Operator : SG\AJ
 Sample : K4810-03
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

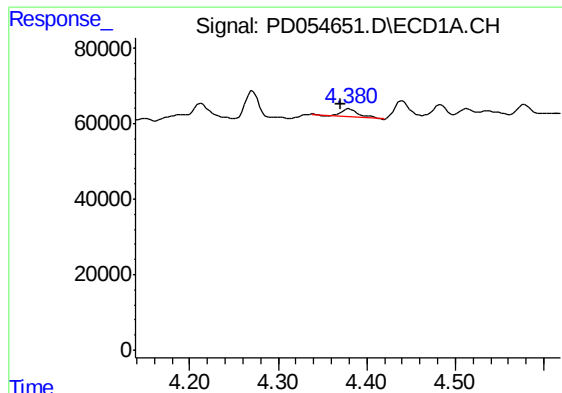
Instrument :
 ECD_O
 ClientSampleId :
 C0AK3

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 18 01:38:20 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091319.M
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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
43) L9	AR-1268-3	0.000	7.644	0	190436	N.D.	42.962 #
44) L9	AR-1268-4	0.000	7.859	0	95472	N.D.	49.963 #
45) L9	AR-1268-5	9.722	8.191	24040	11946	1.516	0.993 #

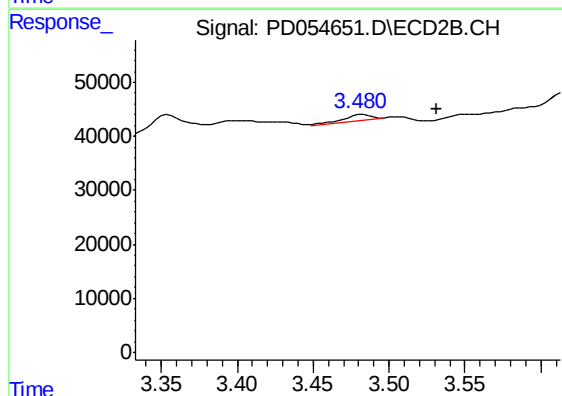
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

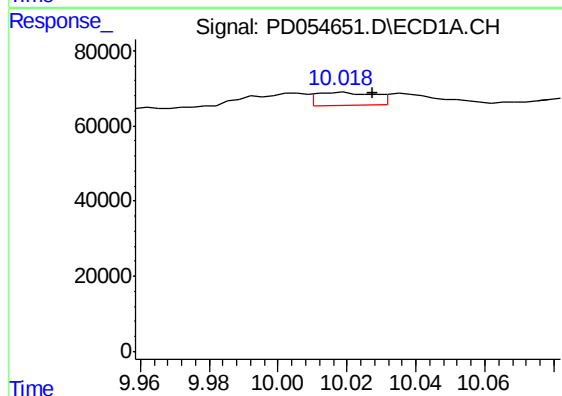
R.T.: 4.381 min
Delta R.T.: 0.011 min
Response: 29375
Conc: 0.80 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AK3



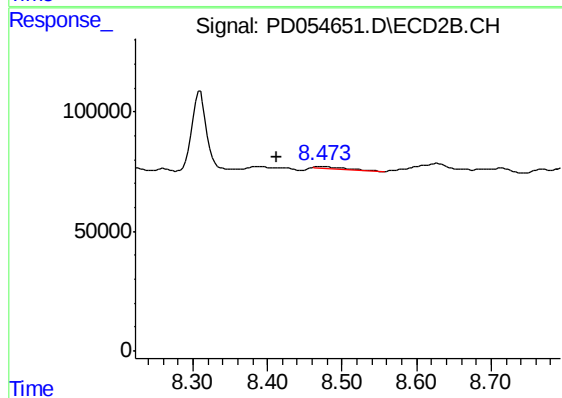
#1 Tetrachloro-m-xylene

R.T.: 3.482 min
Delta R.T.: -0.049 min
Response: 13394
Conc: 0.48 ng/ml



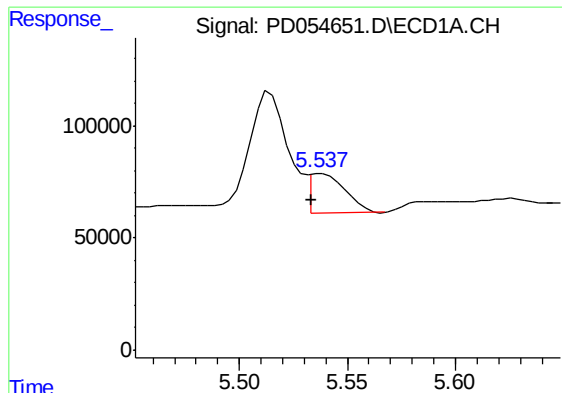
#2 Decachlorobiphenyl

R.T.: 10.019 min
Delta R.T.: -0.008 min
Response: 38780
Conc: 0.84 ng/ml



#2 Decachlorobiphenyl

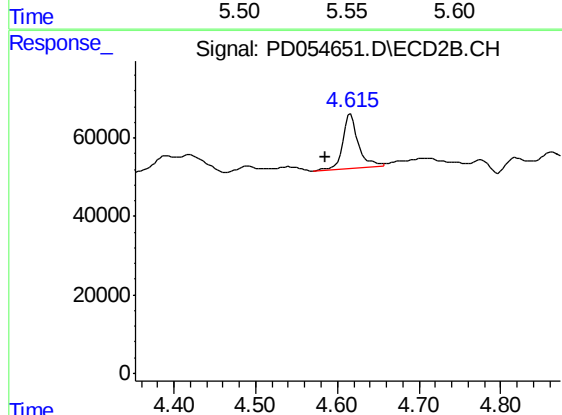
R.T.: 8.473 min
Delta R.T.: 0.059 min
Response: 16569
Conc: 0.47 ng/ml



#3 AR-1016-1

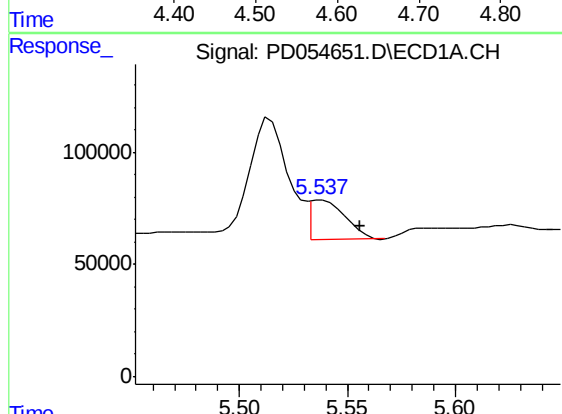
R.T.: 5.538 min
Delta R.T.: 0.005 min
Response: 196051
Conc: 122.67 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AK3



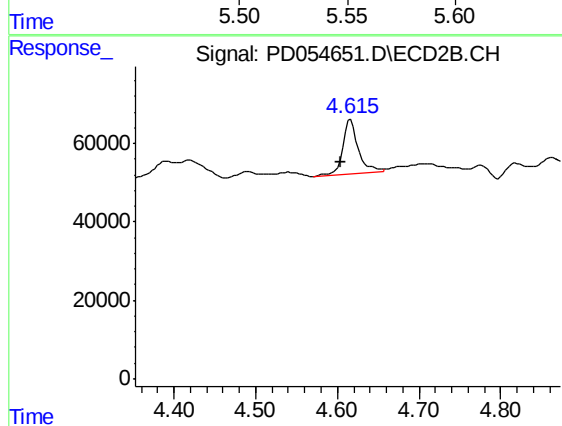
#3 AR-1016-1

R.T.: 4.617 min
Delta R.T.: 0.030 min
Response: 187425
Conc: 151.61 ng/ml



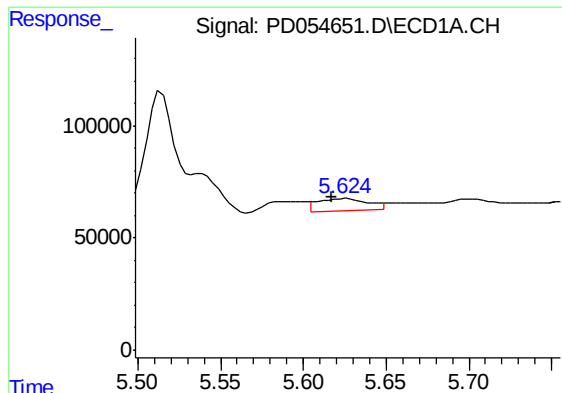
#4 AR-1016-2

R.T.: 5.538 min
Delta R.T.: -0.018 min
Response: 196051
Conc: 85.64 ng/ml



#4 AR-1016-2

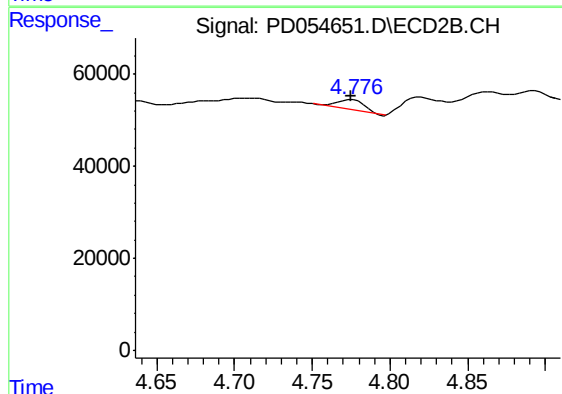
R.T.: 4.617 min
Delta R.T.: 0.012 min
Response: 187425
Conc: 110.16 ng/ml



#5 AR-1016-3

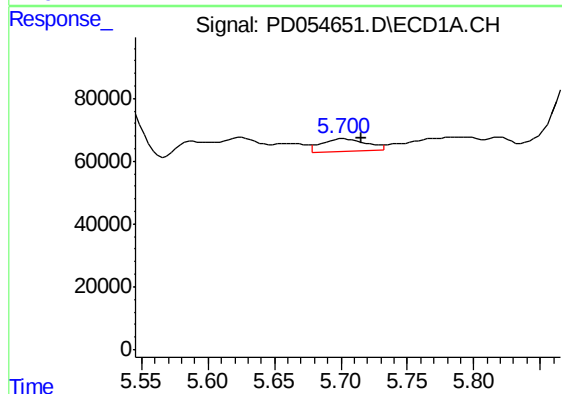
R.T.: 5.625 min
Delta R.T.: 0.008 min
Response: 113890
Conc: 79.33 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AK3



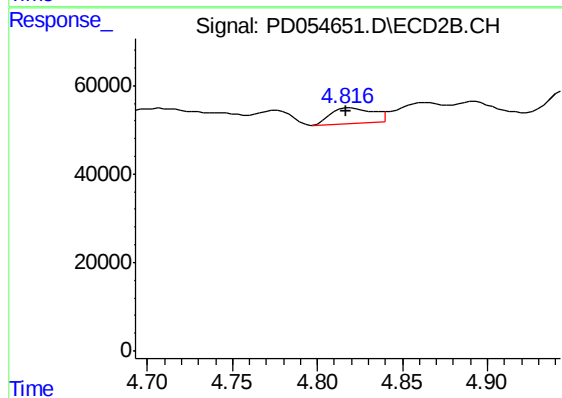
#5 AR-1016-3

R.T.: 4.775 min
Delta R.T.: 0.000 min
Response: 27850
Conc: 28.73 ng/ml



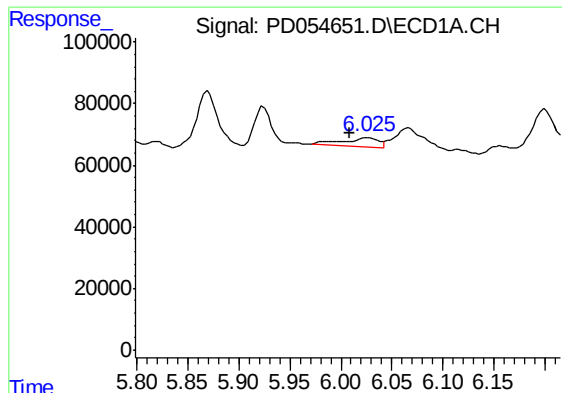
#6 AR-1016-4

R.T.: 5.702 min
Delta R.T.: -0.014 min
Response: 93441
Conc: 79.22 ng/ml



#6 AR-1016-4

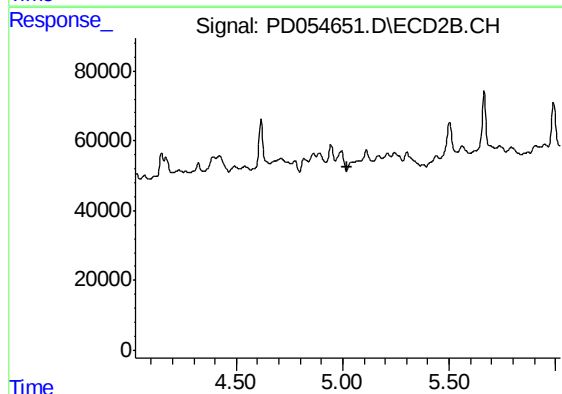
R.T.: 4.819 min
Delta R.T.: 0.001 min
Response: 57851
Conc: 70.68 ng/ml



#7 AR-1016-5

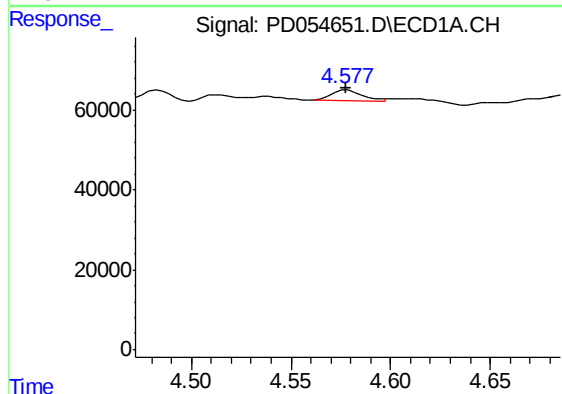
R.T.: 6.026 min
Delta R.T.: 0.018 min
Response: 68906
Conc: 54.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AK3



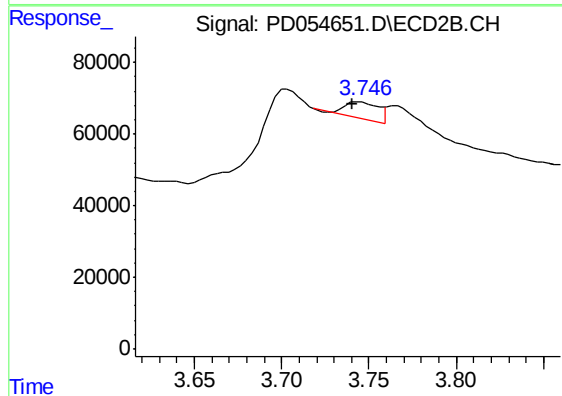
#7 AR-1016-5

R.T.: 5.043 min
Delta R.T.: 0.019 min
Response: -37465
Conc: N.D.



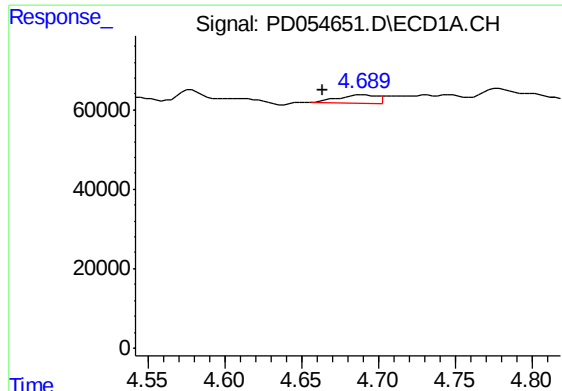
#8 AR-1221-1

R.T.: 4.579 min
Delta R.T.: 0.000 min
Response: 30186
Conc: 68.77 ng/ml



#8 AR-1221-1

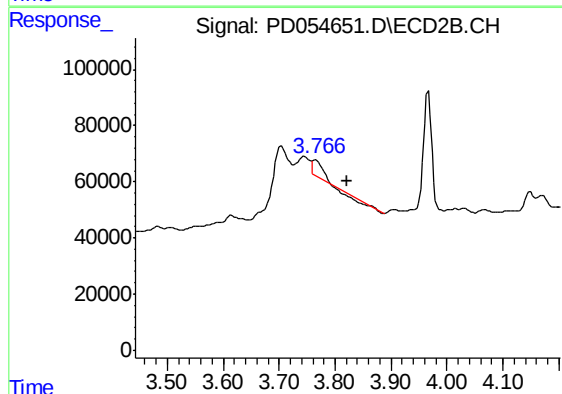
R.T.: 3.745 min
Delta R.T.: 0.004 min
Response: 64227
Conc: 181.44 ng/ml



#9 AR-1221-2

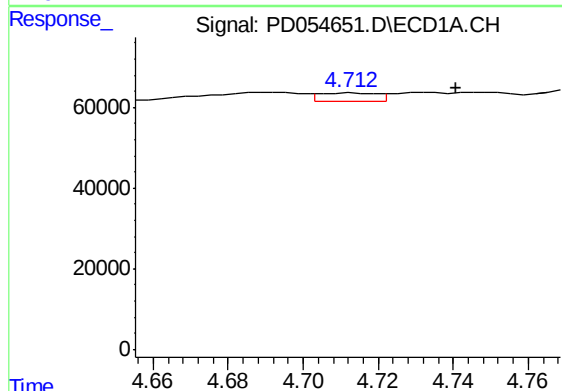
R.T.: 4.690 min
Delta R.T.: 0.026 min
Response: 37080
Conc: 108.56 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AK3



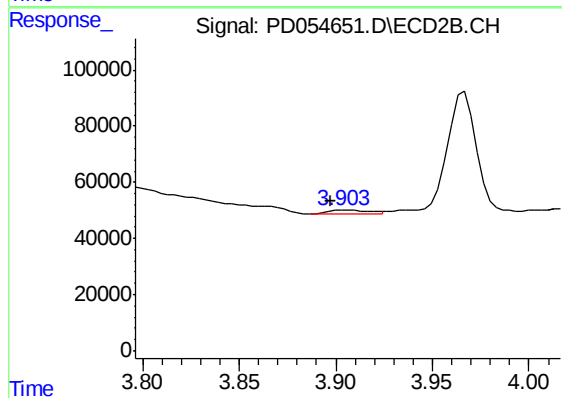
#9 AR-1221-2

R.T.: 3.765 min
Delta R.T.: -0.058 min
Response: 53657
Conc: 190.92 ng/ml



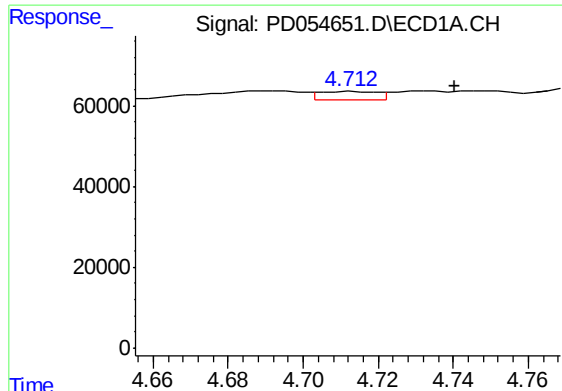
#10 AR-1221-3

R.T.: 4.714 min
Delta R.T.: -0.027 min
Response: 21837
Conc: 20.62 ng/ml



#10 AR-1221-3

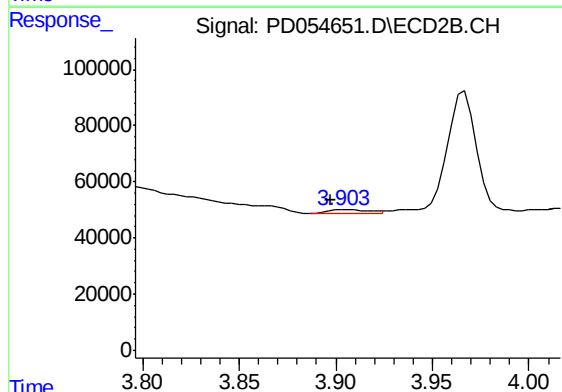
R.T.: 3.904 min
Delta R.T.: 0.007 min
Response: 20456
Conc: 24.64 ng/ml



#11 AR-1232-1

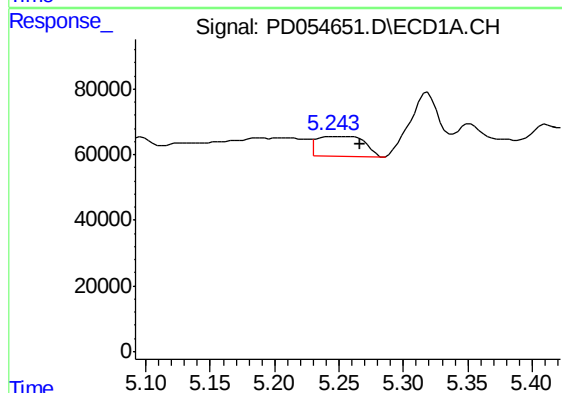
R.T.: 4.714 min
Delta R.T.: -0.027 min
Response: 21837
Conc: 18.72 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AK3



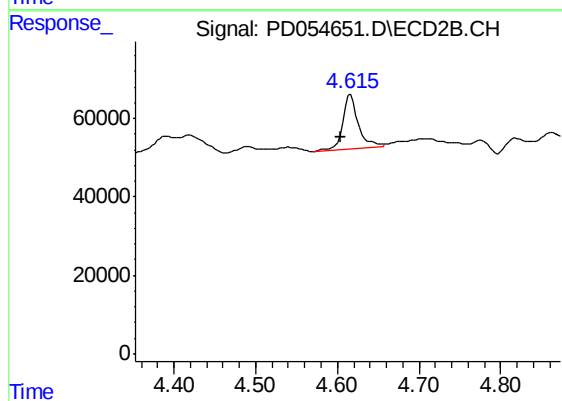
#11 AR-1232-1

R.T.: 3.904 min
Delta R.T.: 0.007 min
Response: 20456
Conc: 22.45 ng/ml



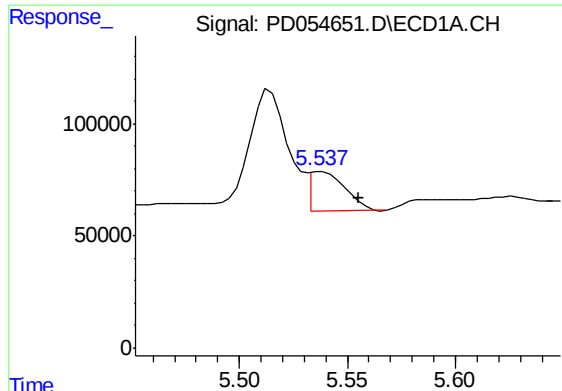
#12 AR-1232-2

R.T.: 5.245 min
Delta R.T.: -0.021 min
Response: 157377
Conc: 242.72 ng/ml



#12 AR-1232-2

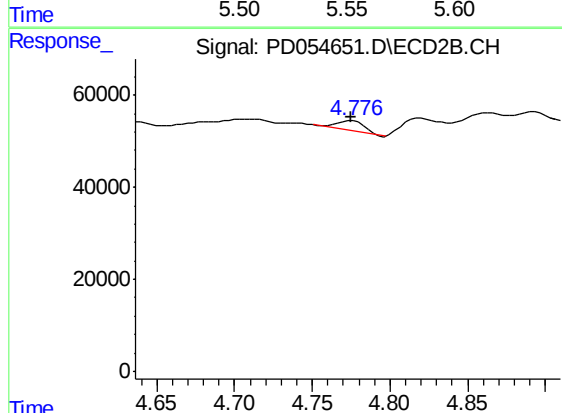
R.T.: 4.617 min
Delta R.T.: 0.012 min
Response: 187425
Conc: 185.63 ng/ml



#13 AR-1232-3

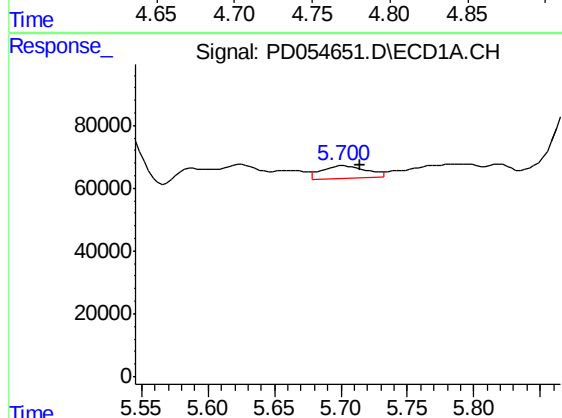
R.T.: 5.538 min
Delta R.T.: -0.017 min
Response: 196051
Conc: 146.38 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AK3



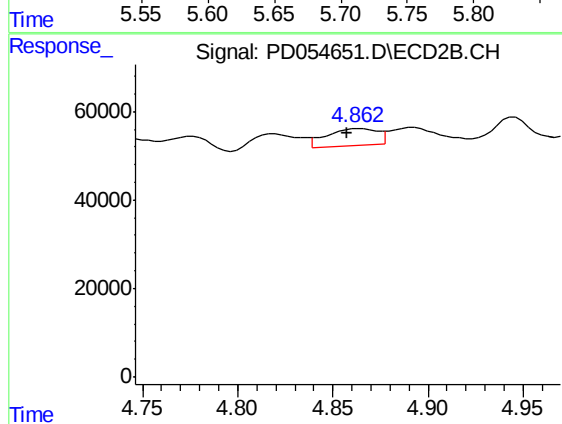
#13 AR-1232-3

R.T.: 4.775 min
Delta R.T.: 0.000 min
Response: 27850
Conc: 49.63 ng/ml



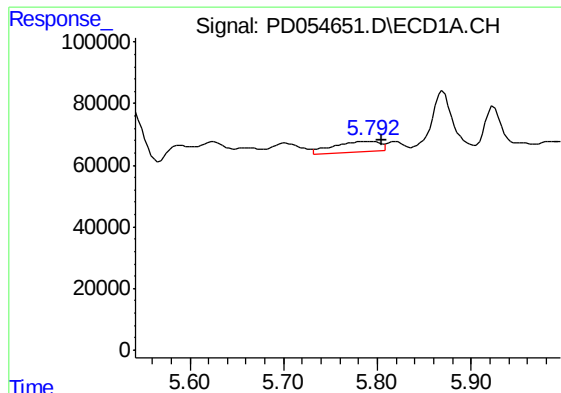
#14 AR-1232-4

R.T.: 5.702 min
Delta R.T.: -0.013 min
Response: 93441
Conc: 135.99 ng/ml



#14 AR-1232-4

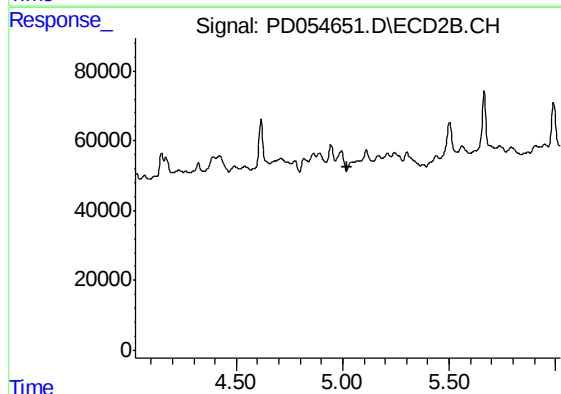
R.T.: 4.863 min
Delta R.T.: 0.006 min
Response: 71865
Conc: 137.61 ng/ml



#15 AR-1232-5

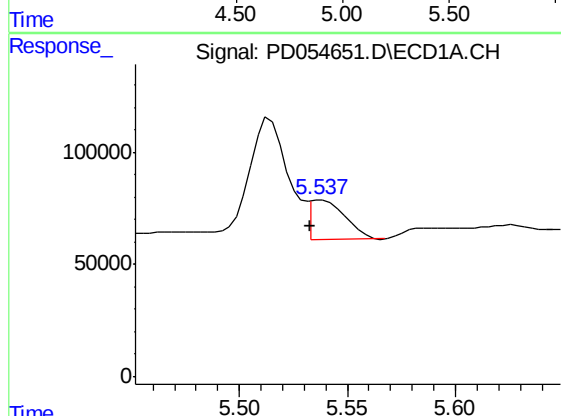
R.T.: 5.794 min
Delta R.T.: -0.011 min
Response: 119099
Conc: 217.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AK3



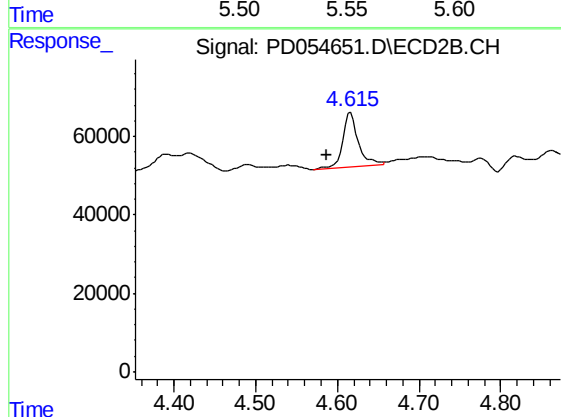
#15 AR-1232-5

R.T.: 5.043 min
Delta R.T.: 0.019 min
Response: -37465
Conc: N.D.



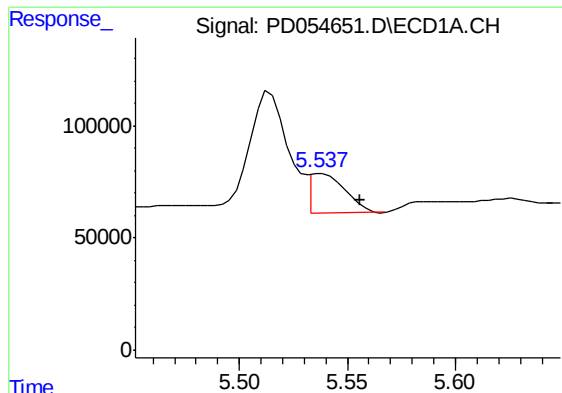
#16 AR-1242-1

R.T.: 5.538 min
Delta R.T.: 0.005 min
Response: 196051
Conc: 164.28 ng/ml



#16 AR-1242-1

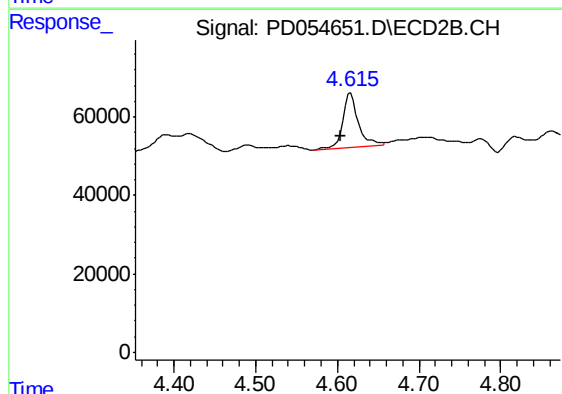
R.T.: 4.617 min
Delta R.T.: 0.029 min
Response: 187425
Conc: 205.88 ng/ml



#17 AR-1242-2

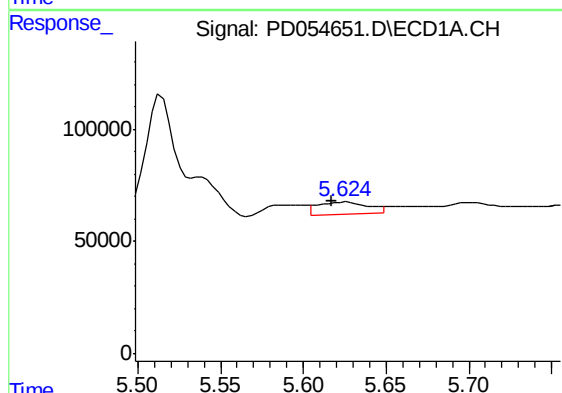
R.T.: 5.538 min
Delta R.T.: -0.018 min
Response: 196051
Conc: 114.71 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AK3



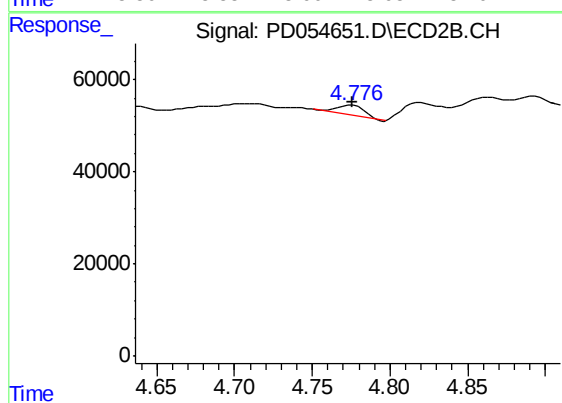
#17 AR-1242-2

R.T.: 4.617 min
Delta R.T.: 0.012 min
Response: 187425
Conc: 149.72 ng/ml



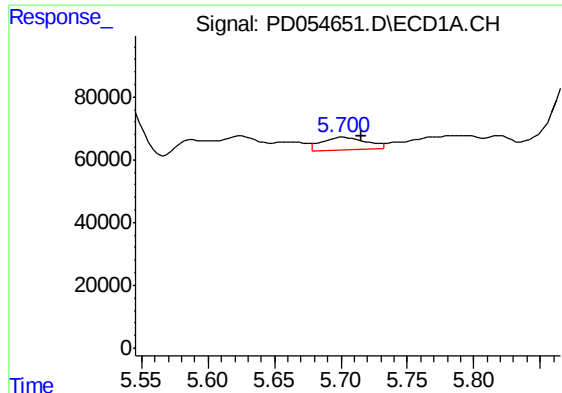
#18 AR-1242-3

R.T.: 5.625 min
Delta R.T.: 0.008 min
Response: 113890
Conc: 105.17 ng/ml



#18 AR-1242-3

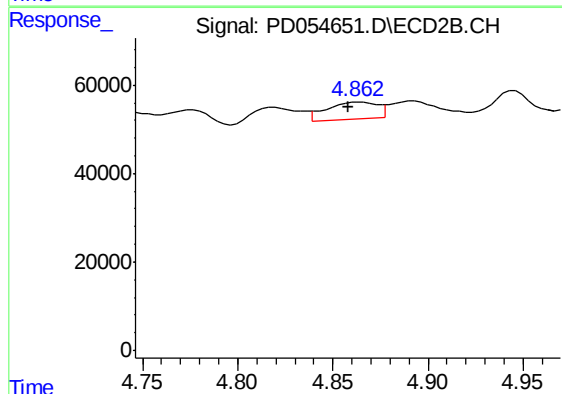
R.T.: 4.775 min
Delta R.T.: 0.000 min
Response: 27850
Conc: 38.98 ng/ml



#19 AR-1242-4

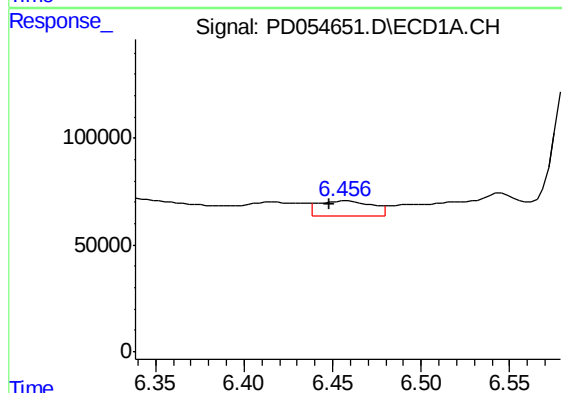
R.T.: 5.702 min
Delta R.T.: -0.014 min
Response: 93441
Conc: 105.85 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AK3



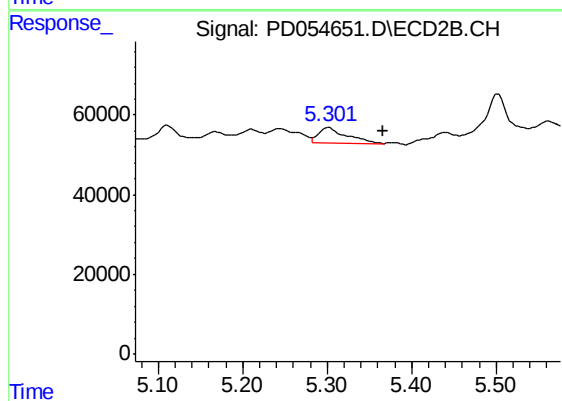
#19 AR-1242-4

R.T.: 4.863 min
Delta R.T.: 0.005 min
Response: 71865
Conc: 98.68 ng/ml



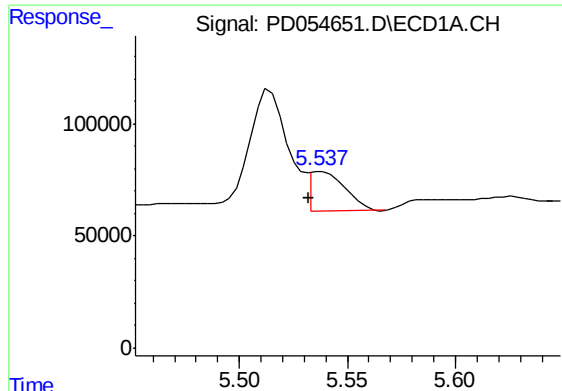
#20 AR-1242-5

R.T.: 6.457 min
Delta R.T.: 0.009 min
Response: 152168
Conc: 135.78 ng/ml



#20 AR-1242-5

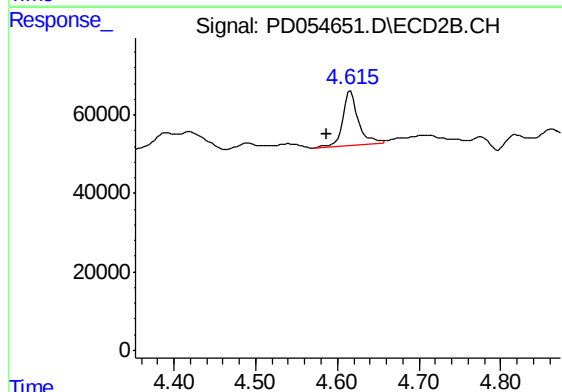
R.T.: 5.302 min
Delta R.T.: -0.065 min
Response: 95685
Conc: 96.66 ng/ml



#21 AR-1248-1

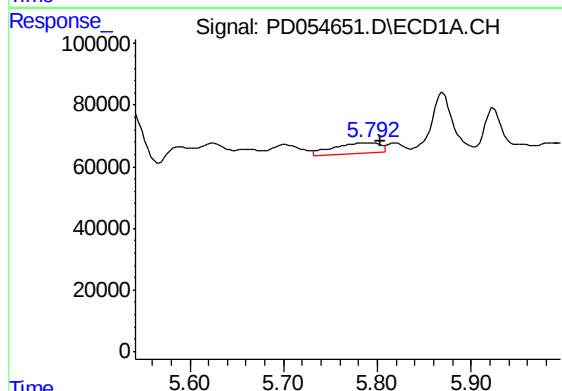
R.T.: 5.538 min
Delta R.T.: 0.006 min
Response: 196051
Conc: 212.96 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AK3



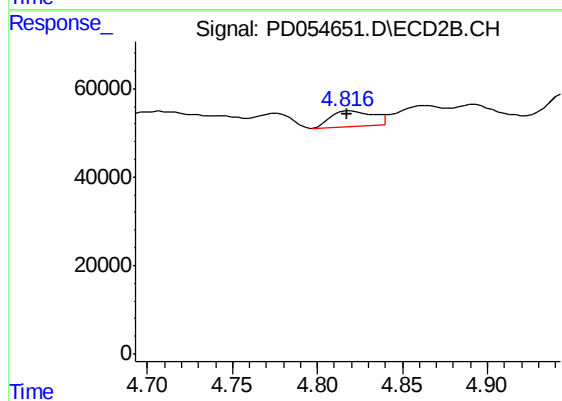
#21 AR-1248-1

R.T.: 4.617 min
Delta R.T.: 0.030 min
Response: 187425
Conc: 264.25 ng/ml



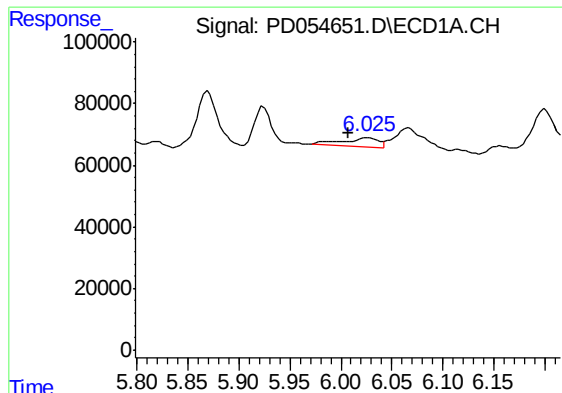
#22 AR-1248-2

R.T.: 5.794 min
Delta R.T.: -0.010 min
Response: 119099
Conc: 89.06 ng/ml



#22 AR-1248-2

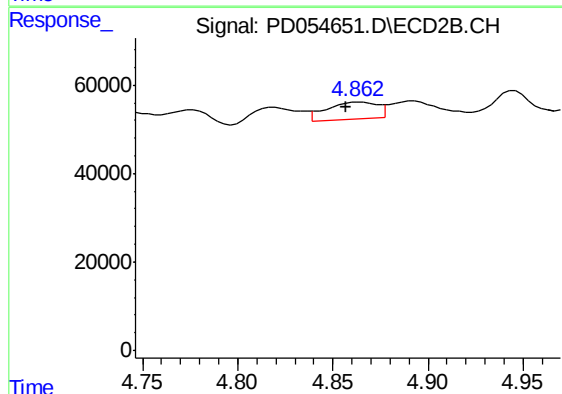
R.T.: 4.819 min
Delta R.T.: 0.000 min
Response: 57851
Conc: 59.87 ng/ml



#23 AR-1248-3

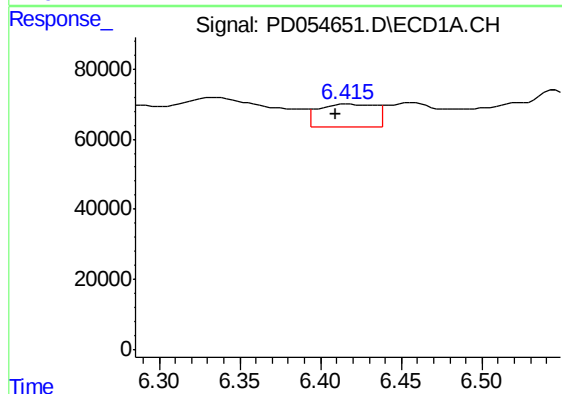
R.T.: 6.026 min
Delta R.T.: 0.019 min
Response: 68906
Conc: 45.53 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AK3



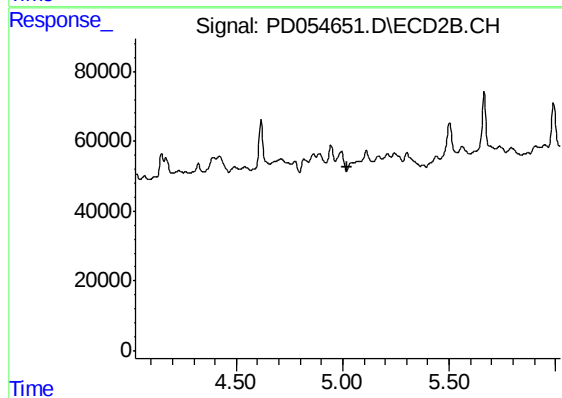
#23 AR-1248-3

R.T.: 4.863 min
Delta R.T.: 0.006 min
Response: 71865
Conc: 71.36 ng/ml



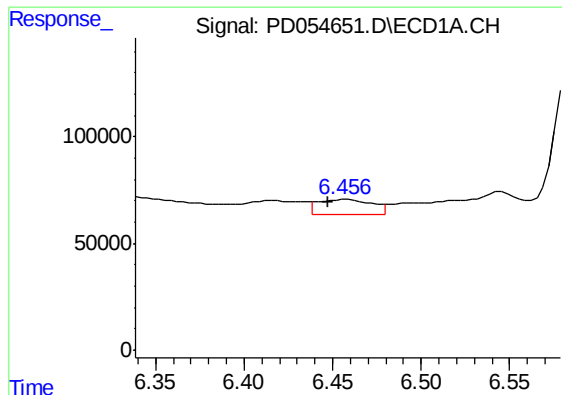
#24 AR-1248-4

R.T.: 6.416 min
Delta R.T.: 0.007 min
Response: 158652
Conc: 87.08 ng/ml



#24 AR-1248-4

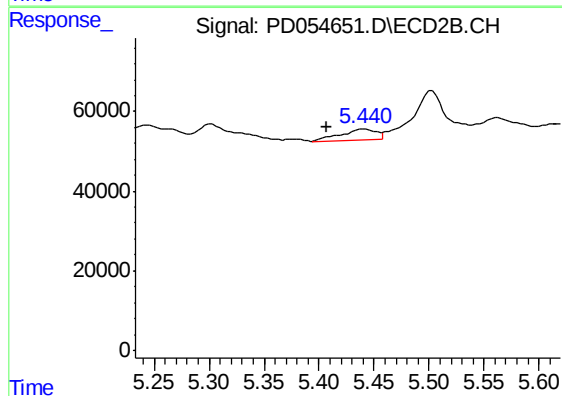
R.T.: 5.043 min
Delta R.T.: 0.020 min
Response: -37465
Conc: N.D.



#25 AR-1248-5

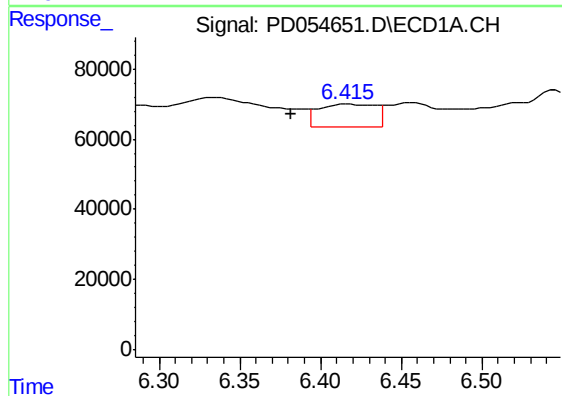
R.T.: 6.457 min
Delta R.T.: 0.009 min
Response: 152168
Conc: 86.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AK3



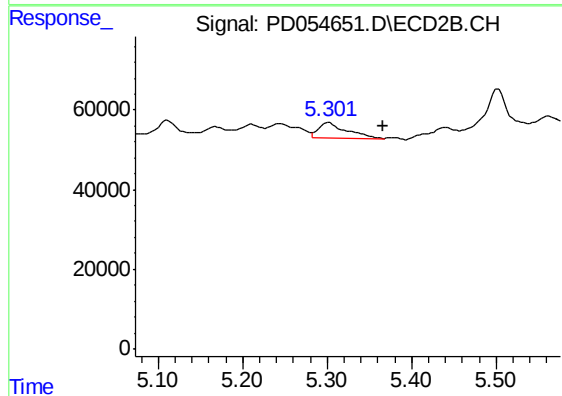
#25 AR-1248-5

R.T.: 5.441 min
Delta R.T.: 0.035 min
Response: 59943
Conc: 47.42 ng/ml



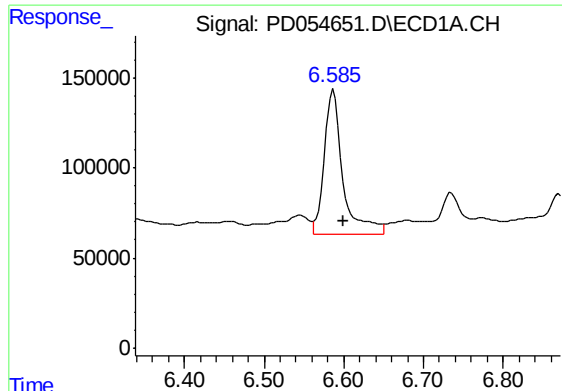
#26 AR-1254-1

R.T.: 6.416 min
Delta R.T.: 0.034 min
Response: 158652
Conc: 82.35 ng/ml



#26 AR-1254-1

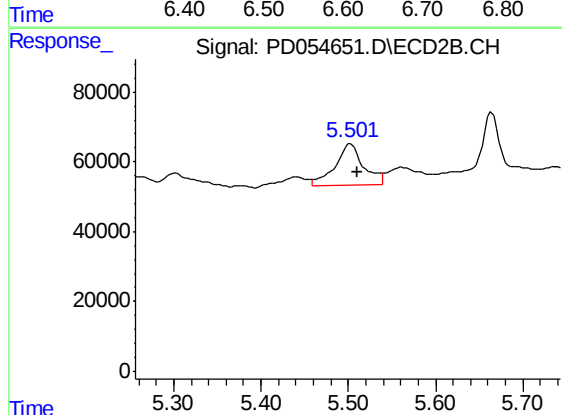
R.T.: 5.302 min
Delta R.T.: -0.064 min
Response: 95685
Conc: 46.43 ng/ml



#27 AR-1254-2

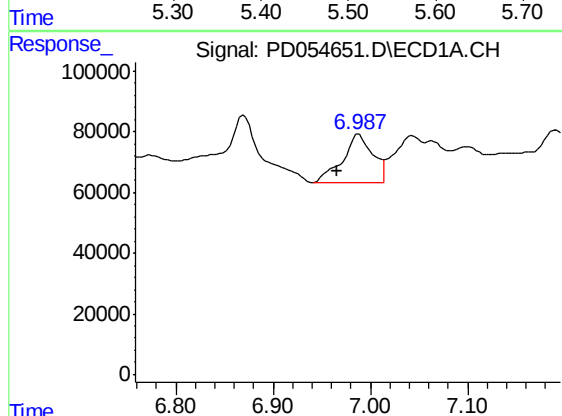
R.T.: 6.587 min
Delta R.T.: -0.013 min
Response: 1274810
Conc: 405.10 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AK3



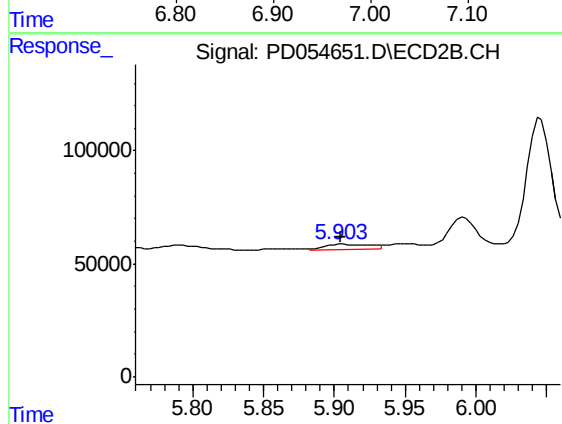
#27 AR-1254-2

R.T.: 5.503 min
Delta R.T.: -0.008 min
Response: 265248
Conc: 140.56 ng/ml



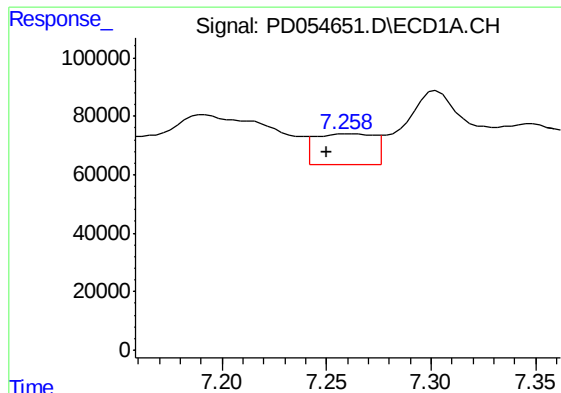
#28 AR-1254-3

R.T.: 6.988 min
Delta R.T.: 0.023 min
Response: 345149
Conc: 98.00 ng/ml



#28 AR-1254-3

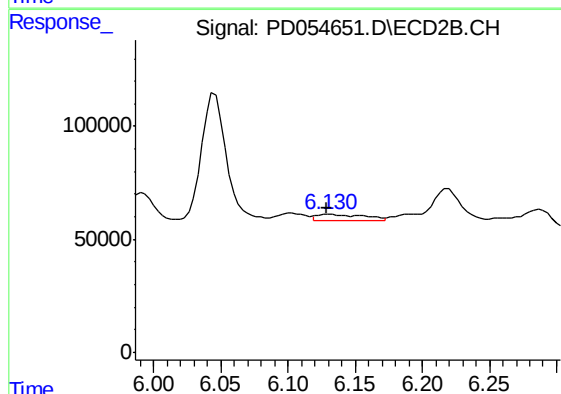
R.T.: 5.905 min
Delta R.T.: 0.000 min
Response: 48254
Conc: 15.18 ng/ml



#29 AR-1254-4

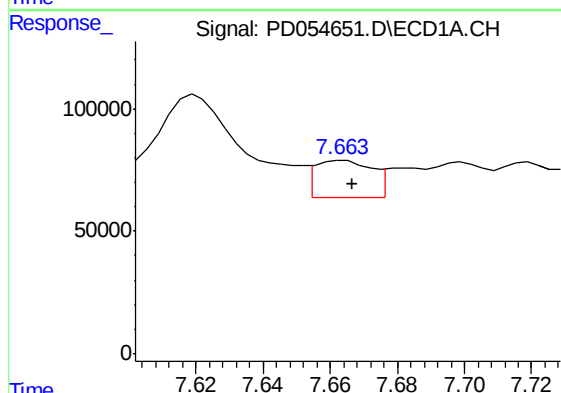
R.T.: 7.260 min
Delta R.T.: 0.010 min
Response: 208935
Conc: 77.18 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AK3



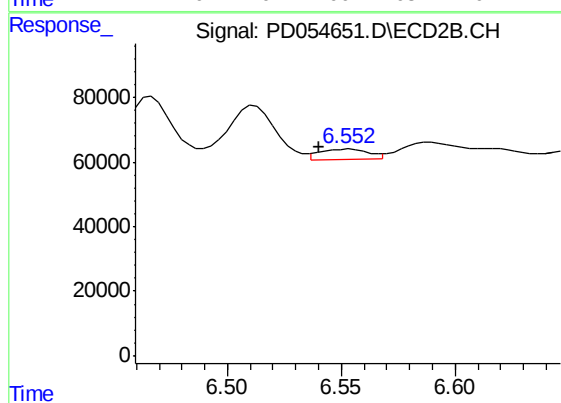
#29 AR-1254-4

R.T.: 6.132 min
Delta R.T.: 0.003 min
Response: 69107
Conc: 33.19 ng/ml



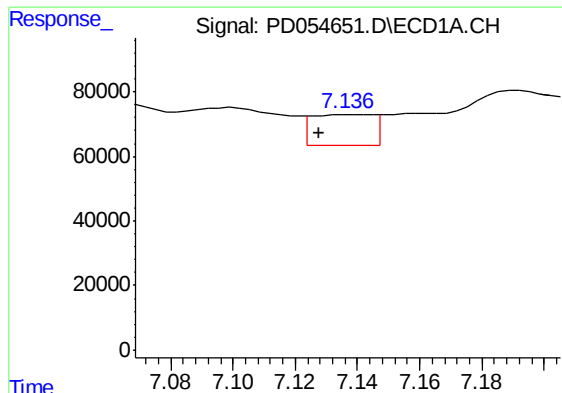
#30 AR-1254-5

R.T.: 7.664 min
Delta R.T.: -0.003 min
Response: 178139
Conc: 60.41 ng/ml



#30 AR-1254-5

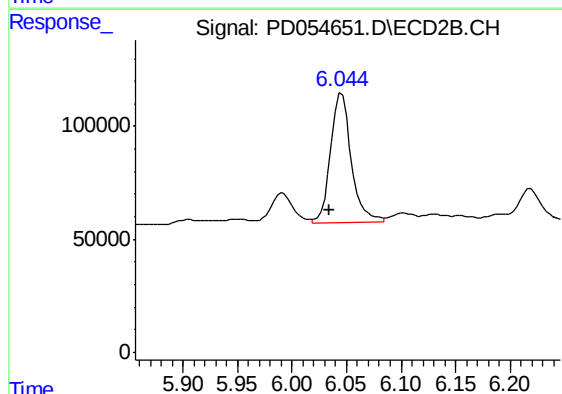
R.T.: 6.553 min
Delta R.T.: 0.013 min
Response: 48468
Conc: 15.31 ng/ml



#31 AR-1260-1

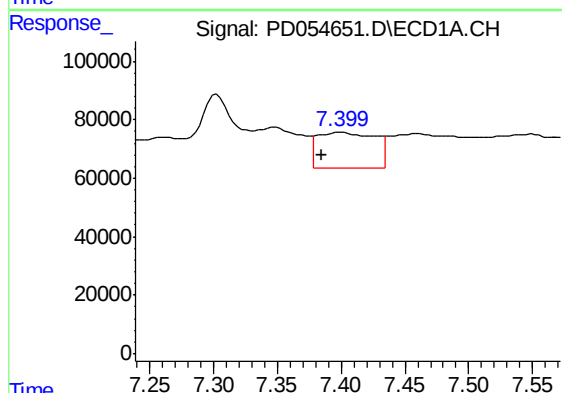
R.T.: 7.138 min
Delta R.T.: 0.010 min
Response: 132783
Conc: 54.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AK3



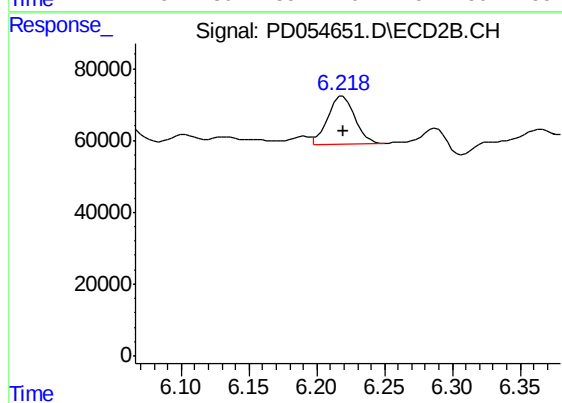
#31 AR-1260-1

R.T.: 6.046 min
Delta R.T.: 0.011 min
Response: 758386
Conc: 360.55 ng/ml



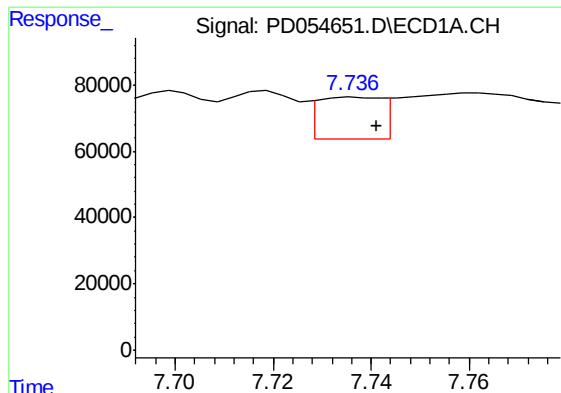
#32 AR-1260-2

R.T.: 7.400 min
Delta R.T.: 0.016 min
Response: 381934
Conc: 126.33 ng/ml



#32 AR-1260-2

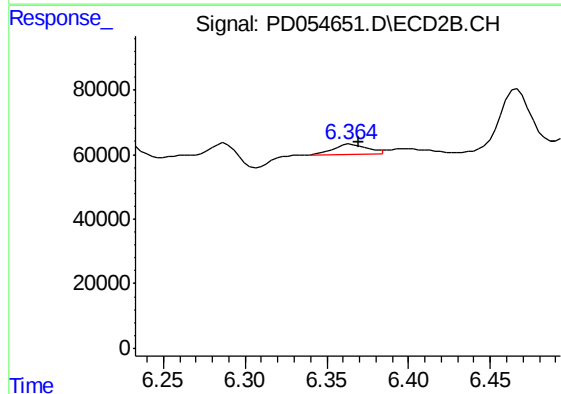
R.T.: 6.219 min
Delta R.T.: 0.000 min
Response: 187962
Conc: 72.87 ng/ml



#33 AR-1260-3

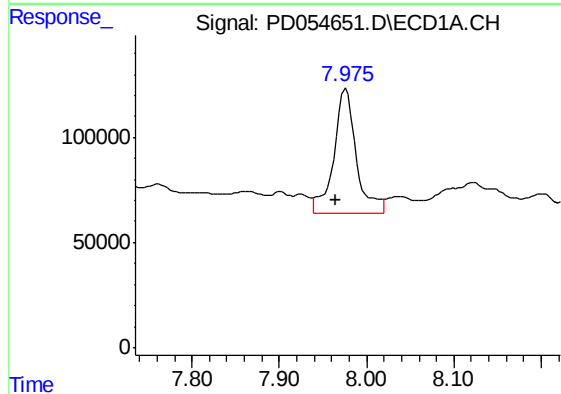
R.T.: 7.737 min
Delta R.T.: -0.004 min
Response: 111299
Conc: 46.64 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AK3



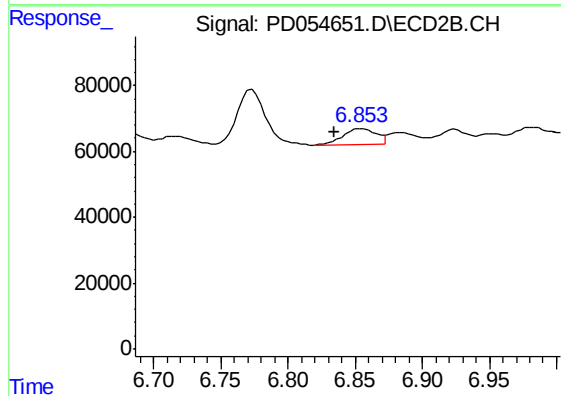
#33 AR-1260-3

R.T.: 6.365 min
Delta R.T.: -0.005 min
Response: 48454
Conc: 20.12 ng/ml



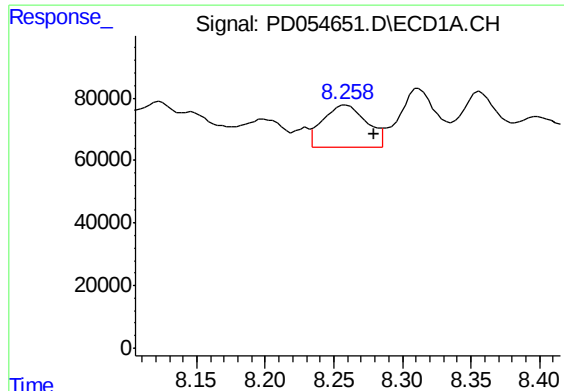
#34 AR-1260-4

R.T.: 7.977 min
Delta R.T.: 0.011 min
Response: 1059965
Conc: 378.87 ng/ml



#34 AR-1260-4

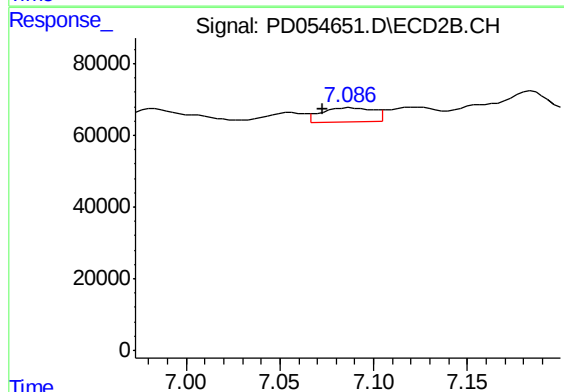
R.T.: 6.855 min
Delta R.T.: 0.020 min
Response: 80660
Conc: 37.69 ng/ml



#35 AR-1260-5

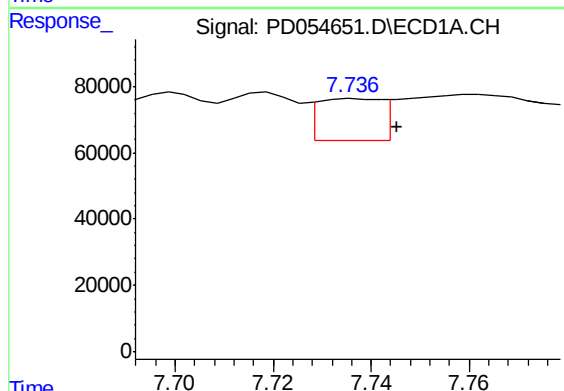
R.T.: 8.259 min
Delta R.T.: -0.020 min
Response: 300628
Conc: 55.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AK3



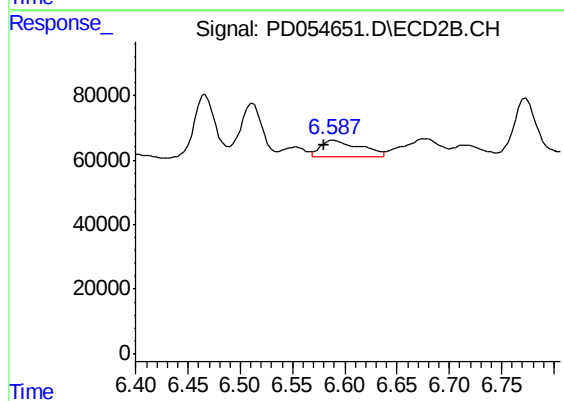
#35 AR-1260-5

R.T.: 7.087 min
Delta R.T.: 0.014 min
Response: 76999
Conc: 15.93 ng/ml



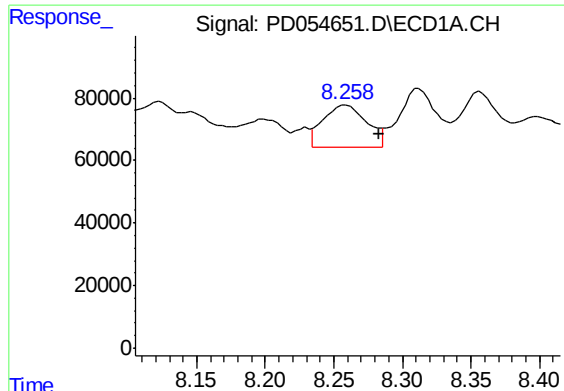
#36 AR-1262-1

R.T.: 7.737 min
Delta R.T.: -0.008 min
Response: 111299
Conc: 31.51 ng/ml



#36 AR-1262-1

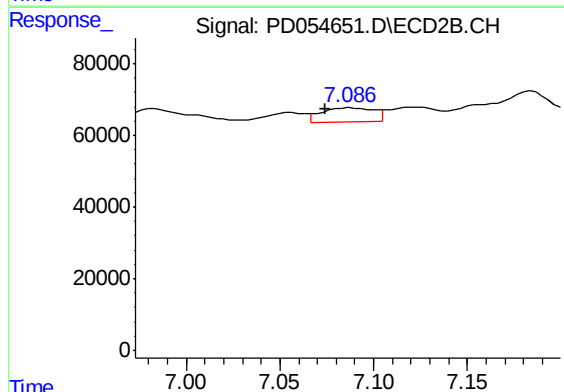
R.T.: 6.589 min
Delta R.T.: 0.008 min
Response: 137546
Conc: 46.05 ng/ml



#37 AR-1262-2

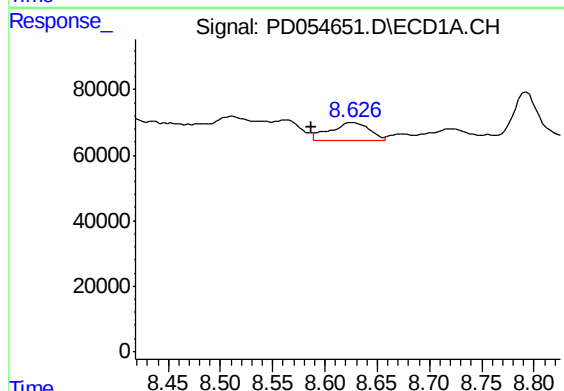
R.T.: 8.259 min
Delta R.T.: -0.024 min
Response: 300628
Conc: 48.22 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AK3



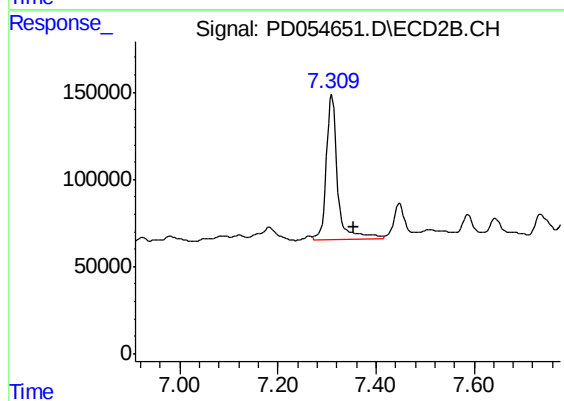
#37 AR-1262-2

R.T.: 7.087 min
Delta R.T.: 0.013 min
Response: 76999
Conc: 14.81 ng/ml



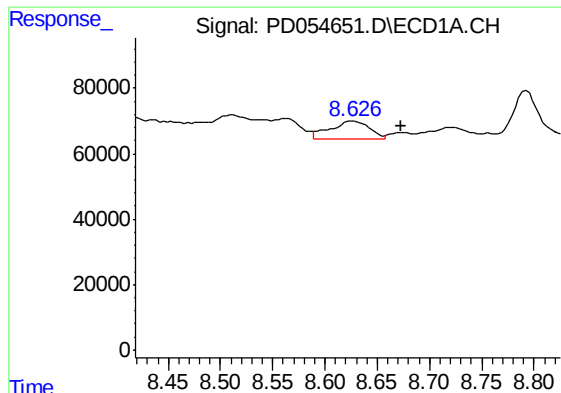
#38 AR-1262-3

R.T.: 8.627 min
Delta R.T.: 0.040 min
Response: 138114
Conc: 32.41 ng/ml



#38 AR-1262-3

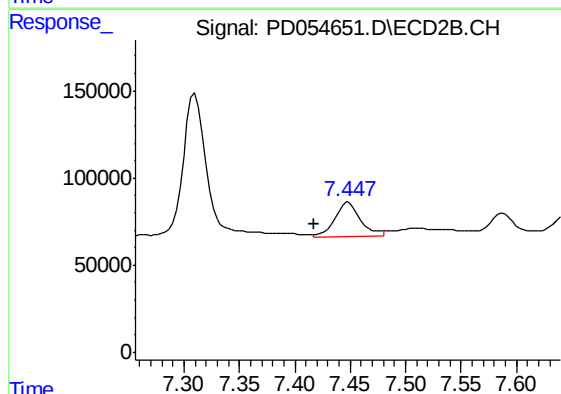
R.T.: 7.310 min
Delta R.T.: -0.045 min
Response: 1331917
Conc: 627.55 ng/ml



#39 AR-1262-4

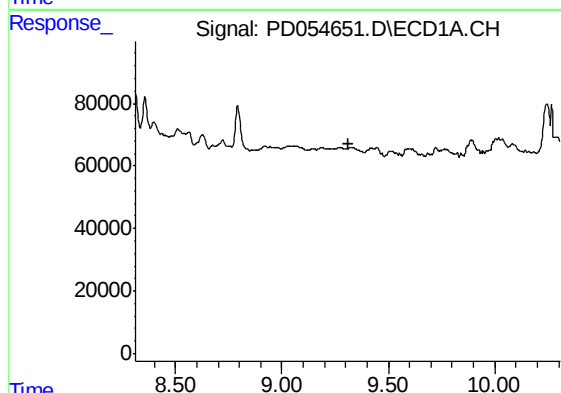
R.T.: 8.627 min
Delta R.T.: -0.046 min
Response: 138114
Conc: 42.36 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AK3



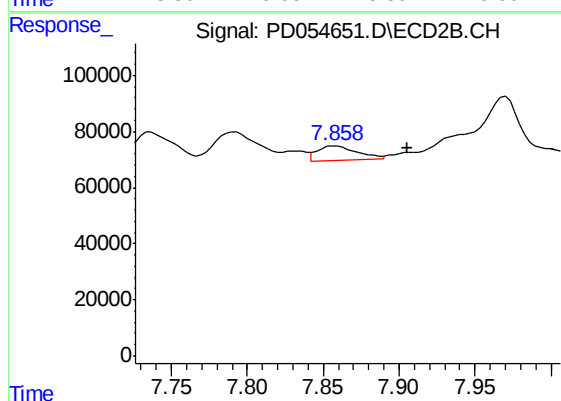
#39 AR-1262-4

R.T.: 7.449 min
Delta R.T.: 0.031 min
Response: 324284
Conc: 84.90 ng/ml



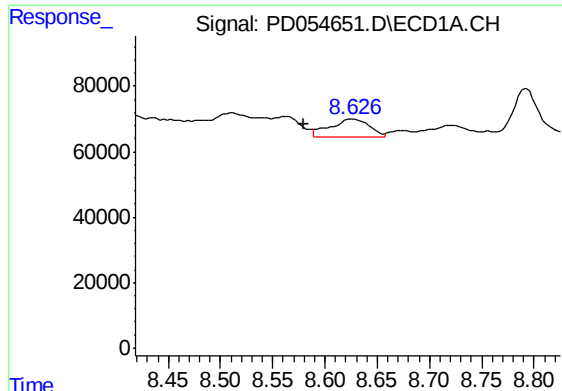
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.311 min
Response: 0
Conc: N.D.



#40 AR-1262-5

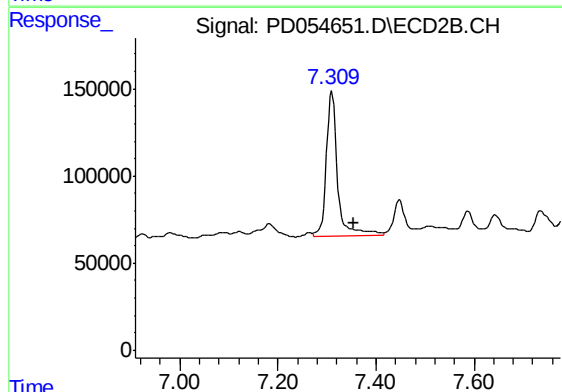
R.T.: 7.859 min
Delta R.T.: -0.046 min
Response: 95472
Conc: 57.04 ng/ml



#41 AR-1268-1

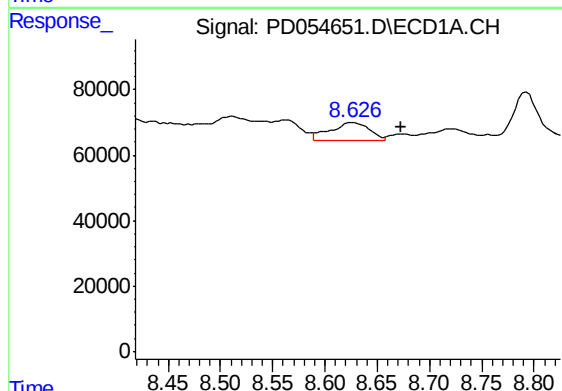
R.T.: 8.627 min
Delta R.T.: 0.047 min
Response: 138114
Conc: 18.71 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AK3



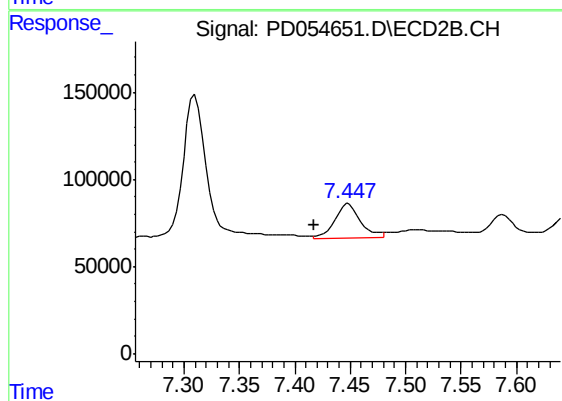
#41 AR-1268-1

R.T.: 7.310 min
Delta R.T.: -0.043 min
Response: 1331917
Conc: 227.21 ng/ml



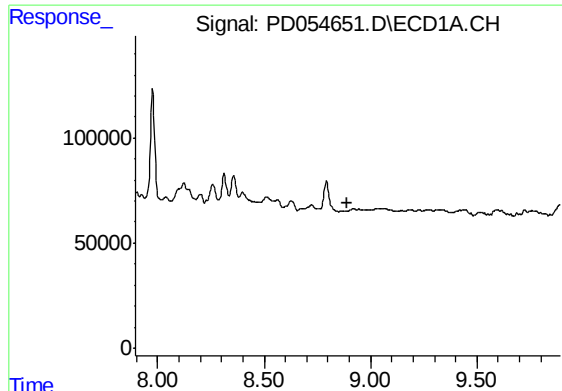
#42 AR-1268-2

R.T.: 8.627 min
Delta R.T.: -0.046 min
Response: 138114
Conc: 20.45 ng/ml



#42 AR-1268-2

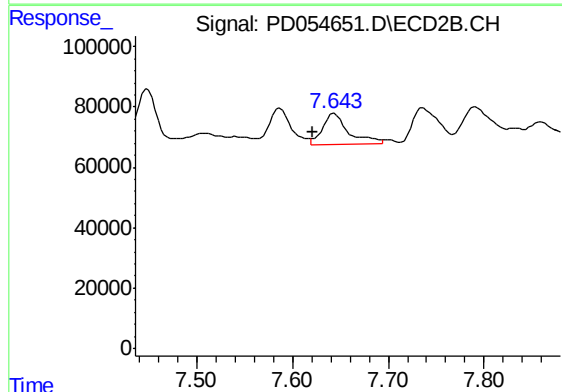
R.T.: 7.449 min
Delta R.T.: 0.032 min
Response: 324284
Conc: 60.84 ng/ml



#43 AR-1268-3

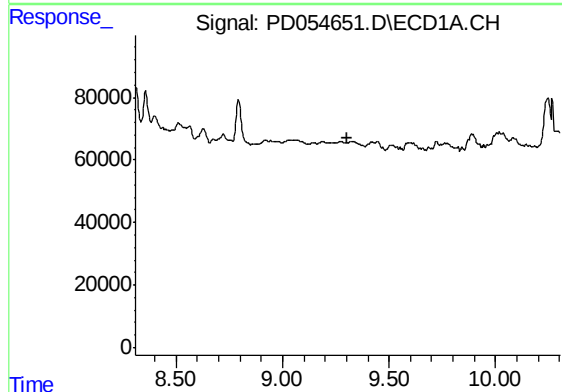
R.T.: 0.000 min
Exp R.T. : 8.893 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
C0AK3



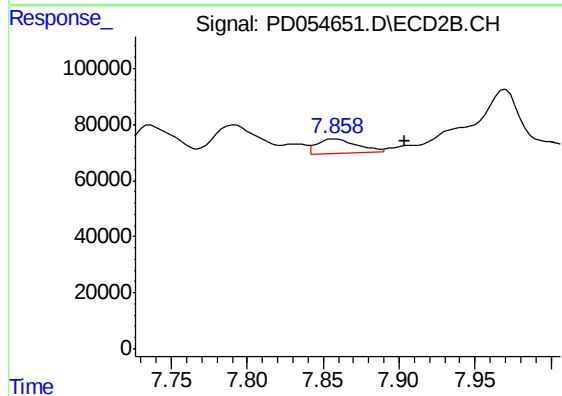
#43 AR-1268-3

R.T.: 7.644 min
Delta R.T.: 0.022 min
Response: 190436
Conc: 42.96 ng/ml



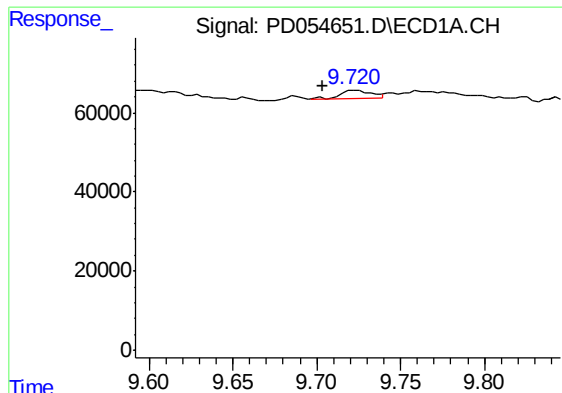
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.306 min
Response: 0
Conc: N.D.



#44 AR-1268-4

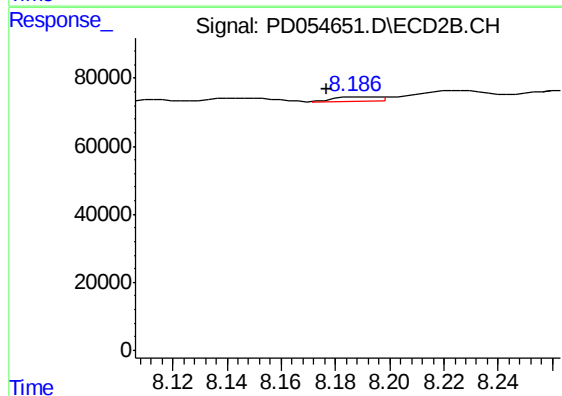
R.T.: 7.859 min
Delta R.T.: -0.044 min
Response: 95472
Conc: 49.96 ng/ml



#45 AR-1268-5

R.T.: 9.722 min
Delta R.T.: 0.019 min
Response: 24040
Conc: 1.52 ng/ml

Instrument :
ECD_O
ClientSampleId :
C0AK3



#45 AR-1268-5

R.T.: 8.191 min
Delta R.T.: 0.014 min
Response: 11946
Conc: 0.99 ng/ml