

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0091219\
 Data File : P0060689.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 12 Sep 2019 12:52
 Operator : SM/AJ
 Sample : K4663-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 OK-01-091119

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 13 04:20:23 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0090719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sun Sep 08 02:12:04 2019
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Small noise peaks clipped

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.369	3.531	1119845	877044	26.989	28.555
2)	SA Decachlor...	10.031	8.416	932599	660144	17.680	17.833
Target Compounds							
3)	L1 AR-1016-1	5.470	4.611	87909	45755	54.030	36.437 #
4)	L1 AR-1016-2	0.000	4.611	0	45755	N.D.	26.186 #
5)	L1 AR-1016-3	5.685	4.774	93299	16867	64.089	17.738 #
6)	L1 AR-1016-4	5.685	4.818	93299	17398	75.887	21.109 #
7)	L1 AR-1016-5	5.967	4.972	22640	96107	18.355	90.453 #
9)	L2 AR-1221-2	0.000	3.821	0	13132	N.D.	43.904 #
10)	L2 AR-1221-3	0.000	3.937	0	94188	N.D.	102.934 #
11)	L3 AR-1232-1	0.000	3.937	0	94188	N.D.	96.340 #
12)	L3 AR-1232-2	0.000	4.611	0	45755	N.D.	43.419 #
13)	L3 AR-1232-3	0.000	4.774	0	16867	N.D.	29.786 #
14)	L3 AR-1232-4	5.685	4.880	93299	40292	127.594	74.088 #
15)	L3 AR-1232-5	0.000	4.972	0	96107	N.D.	161.081 #
16)	L4 AR-1242-1	5.470	4.611	87909	45755	72.969	49.770 #
17)	L4 AR-1242-2	0.000	4.611	0	45755	N.D.	35.670 #
18)	L4 AR-1242-3	5.685	4.774	93299	16867	84.736	23.623 #
19)	L4 AR-1242-4	5.685	4.880	93299	40292	103.639	53.738 #
20)	L4 AR-1242-5	6.417	5.370	54725	157043	50.207	160.837 #
21)	L5 AR-1248-1	5.470	4.611	87909	45755	95.802	63.299 #
22)	L5 AR-1248-2	0.000	4.818	0	17398	N.D.	17.765 #
23)	L5 AR-1248-3	5.967	4.880	22640	40292	15.106	39.480 #
24)	L5 AR-1248-4	6.417	4.972	54725	96107	31.115	79.042 #
25)	L5 AR-1248-5	6.417	5.408	54725	24748	32.714	20.341 #
26)	L6 AR-1254-1	6.386	5.370	152710	157043	83.735	82.769
27)	L6 AR-1254-2	6.602	5.512	159462	85191	55.022	49.849
28)	L6 AR-1254-3	6.966	5.921	237715	113750	74.539	40.559 #
29)	L6 AR-1254-4	7.250	6.131	151247	97850	62.985	54.771
30)	L6 AR-1254-5	7.667	6.542	483557	379365	177.760	144.575
31)	L7 AR-1260-1	7.128	6.035	321131	273448	128.468	132.973
32)	L7 AR-1260-2	7.384	6.220	404078	287550	130.036	114.847
33)	L7 AR-1260-3	7.742	6.371	302494	271639	120.929	116.919
34)	L7 AR-1260-4	7.966	6.836	373429	233890	126.126	115.157
35)	L7 AR-1260-5	8.281	7.075	630125	553825	112.185	120.901
36)	L8 AR-1262-1	7.742	6.581	302494	263943	90.074	99.270
37)	L8 AR-1262-2	8.281	7.075	630125	553825	107.626	121.998
38)	L8 AR-1262-3	8.598	7.356	423500	145456	105.833	76.734 #
39)	L8 AR-1262-4	8.669	7.417	116351	412067	38.314	120.162 #
40)	L8 AR-1262-5	9.309	7.906	205007	171038	102.204	109.390
41)	L9 AR-1268-1	8.598	7.356	423500	145456	61.347	28.640 #
42)	L9 AR-1268-2	8.669	7.417	116351	412067	18.092	88.711 #
43)	L9 AR-1268-3	0.000	7.623	0	12043	N.D.	3.063 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0091219\
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 Acq On : 12 Sep 2019 12:52
 Operator : SM/AJ
 Sample : K4663-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

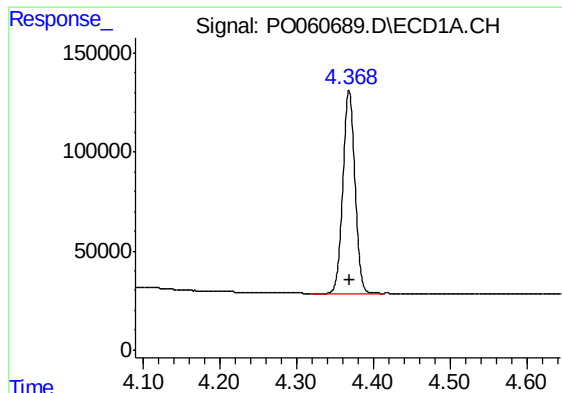
Instrument :
 ECD_O
 ClientSampleId :
 OK-01-091119

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 13 04:20:23 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0090719.M
 Quant Title : GC EXTRACTABLES
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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
44) L9	AR-1268-4	9.309	7.906	205007	171038	92.407	100.592
45) L9	AR-1268-5	9.707	8.179	73397	61087	4.479	5.452

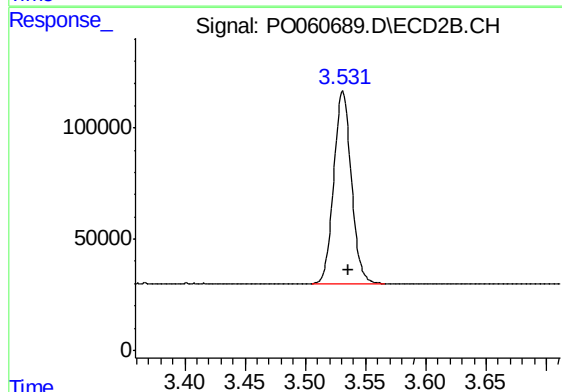
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

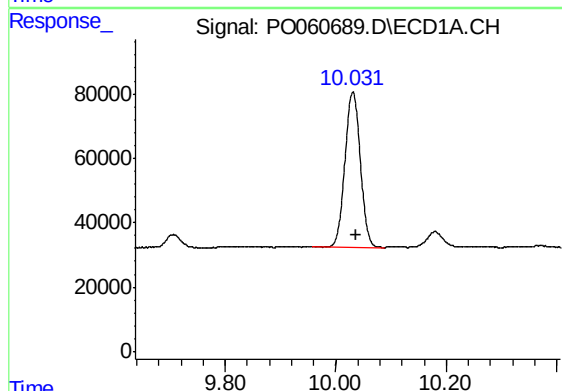
R.T.: 4.369 min
Delta R.T.: 0.000 min
Response: 1119845
Conc: 26.99 ng/ml

Instrument :
ECD_O
ClientSampleId :
OK-01-091119



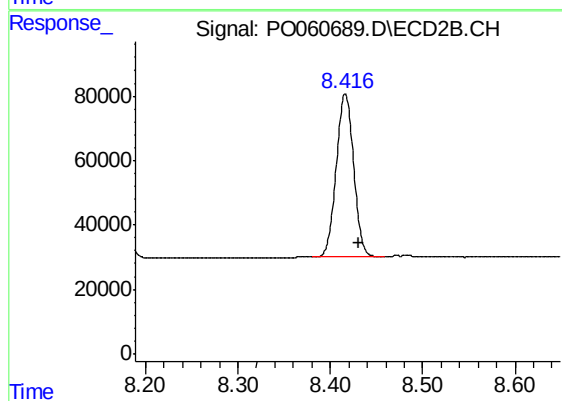
#1 Tetrachloro-m-xylene

R.T.: 3.531 min
Delta R.T.: -0.005 min
Response: 877044
Conc: 28.55 ng/ml



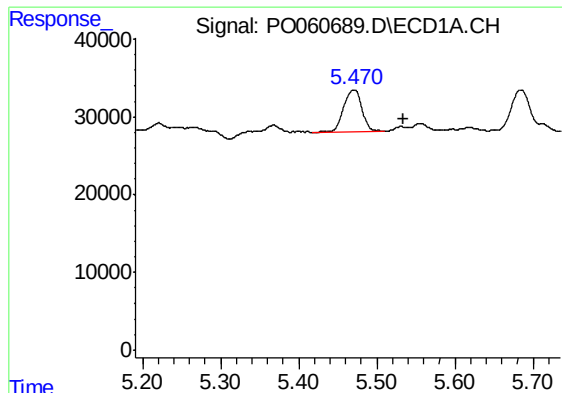
#2 Decachlorobiphenyl

R.T.: 10.031 min
Delta R.T.: -0.006 min
Response: 932599
Conc: 17.68 ng/ml



#2 Decachlorobiphenyl

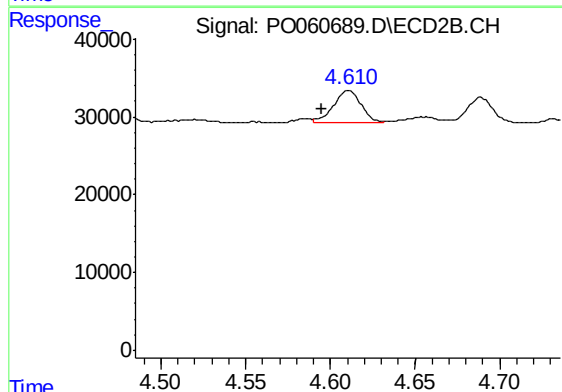
R.T.: 8.416 min
Delta R.T.: -0.015 min
Response: 660144
Conc: 17.83 ng/ml



#3 AR-1016-1

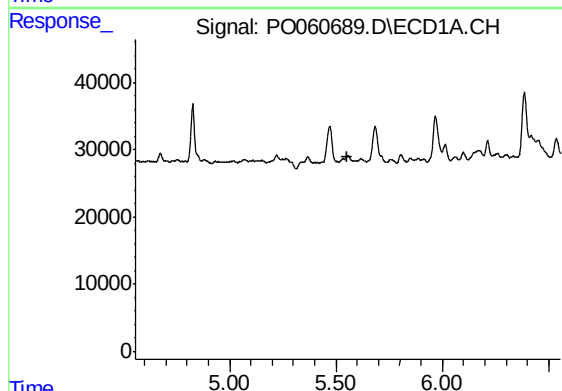
R.T.: 5.470 min
Delta R.T.: -0.064 min
Response: 87909
Conc: 54.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
OK-01-091119



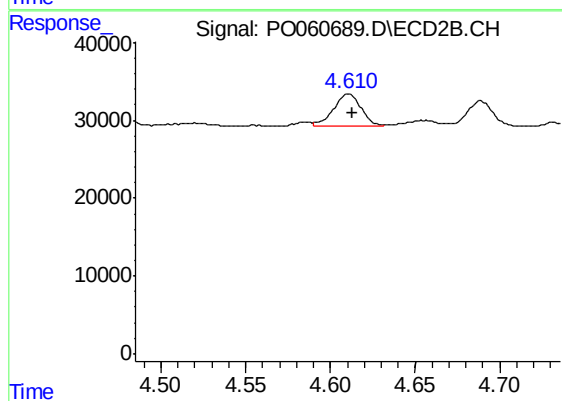
#3 AR-1016-1

R.T.: 4.611 min
Delta R.T.: 0.016 min
Response: 45755
Conc: 36.44 ng/ml



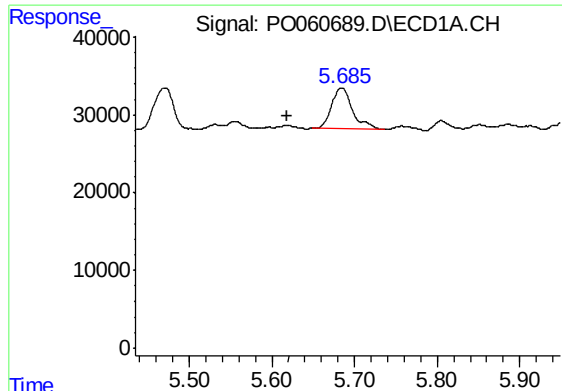
#4 AR-1016-2

R.T.: 0.000 min
Exp R.T. : 5.556 min
Response: 0
Conc: N.D.



#4 AR-1016-2

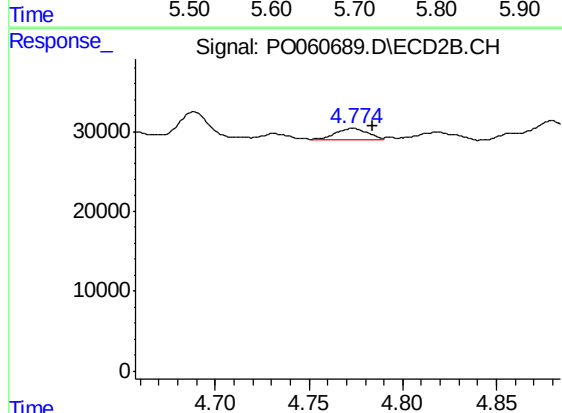
R.T.: 4.611 min
Delta R.T.: -0.002 min
Response: 45755
Conc: 26.19 ng/ml



#5 AR-1016-3

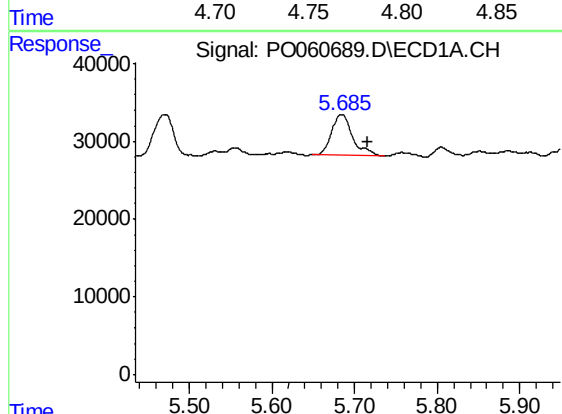
R.T.: 5.685 min
Delta R.T.: 0.066 min
Response: 93299
Conc: 64.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
OK-01-091119



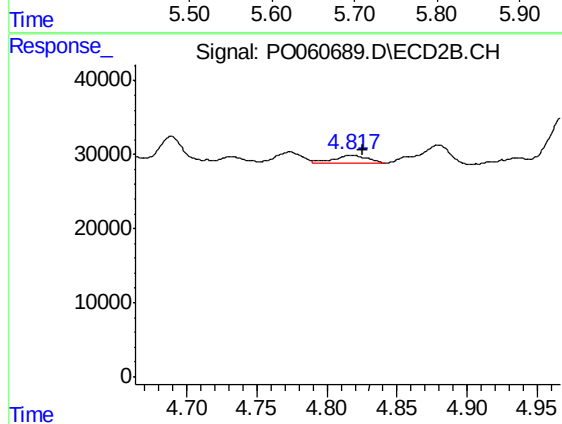
#5 AR-1016-3

R.T.: 4.774 min
Delta R.T.: -0.010 min
Response: 16867
Conc: 17.74 ng/ml



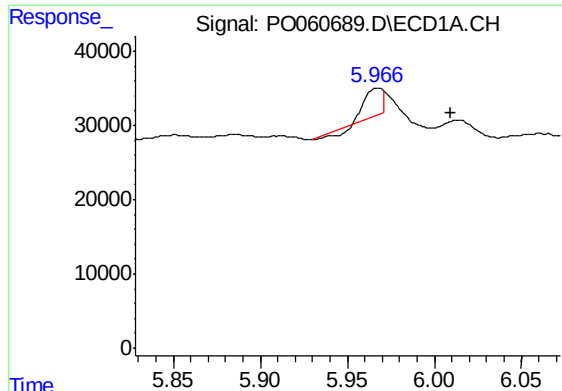
#6 AR-1016-4

R.T.: 5.685 min
Delta R.T.: -0.032 min
Response: 93299
Conc: 75.89 ng/ml



#6 AR-1016-4

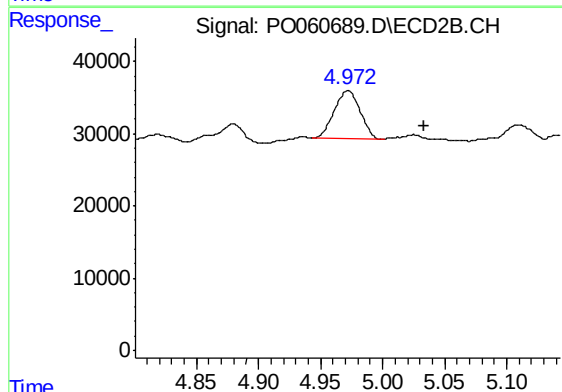
R.T.: 4.818 min
Delta R.T.: -0.008 min
Response: 17398
Conc: 21.11 ng/ml



#7 AR-1016-5

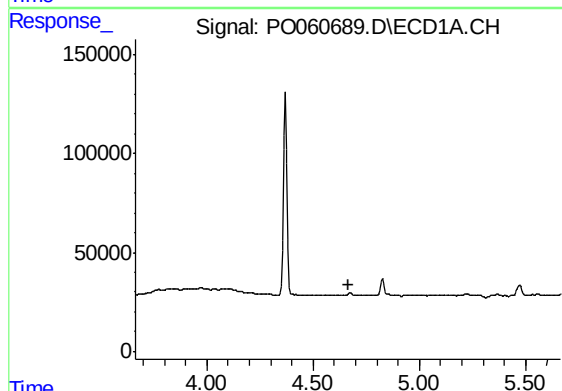
R.T.: 5.967 min
Delta R.T.: -0.043 min
Response: 22640
Conc: 18.35 ng/ml

Instrument :
ECD_O
ClientSampleId :
OK-01-091119



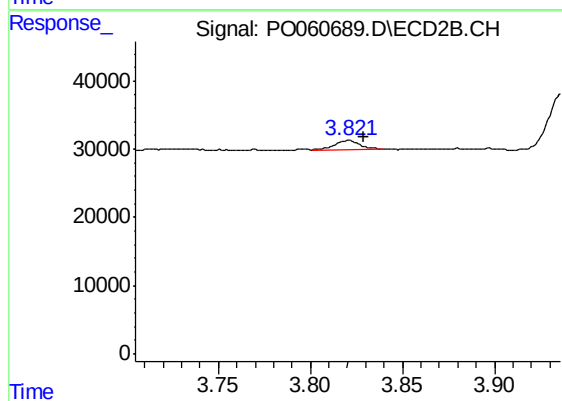
#7 AR-1016-5

R.T.: 4.972 min
Delta R.T.: -0.061 min
Response: 96107
Conc: 90.45 ng/ml



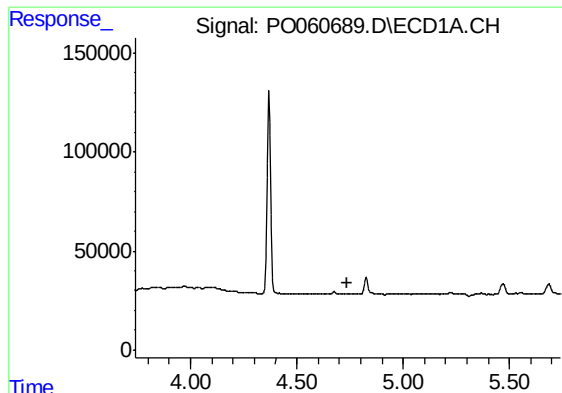
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.664 min
Response: 0
Conc: N.D.



#9 AR-1221-2

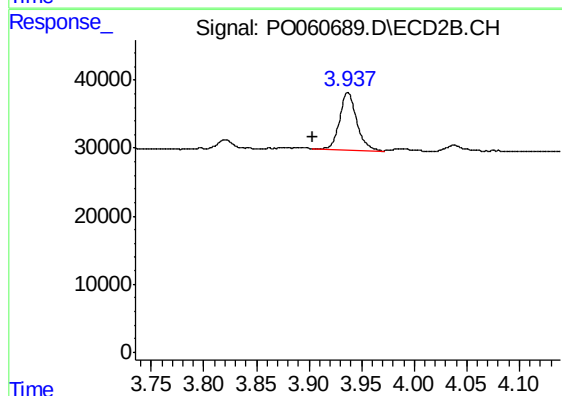
R.T.: 3.821 min
Delta R.T.: -0.008 min
Response: 13132
Conc: 43.90 ng/ml



#10 AR-1221-3

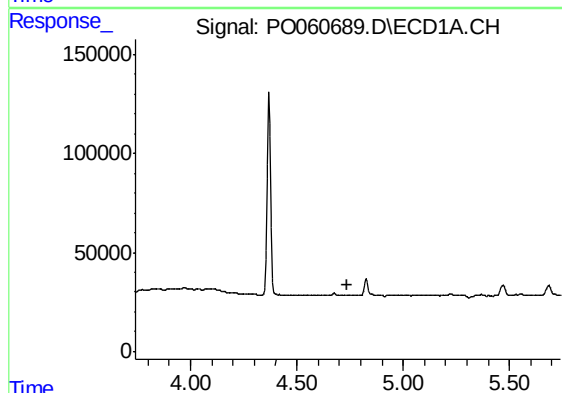
R.T.: 0.000 min
Exp R.T. : 4.740 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
OK-01-091119



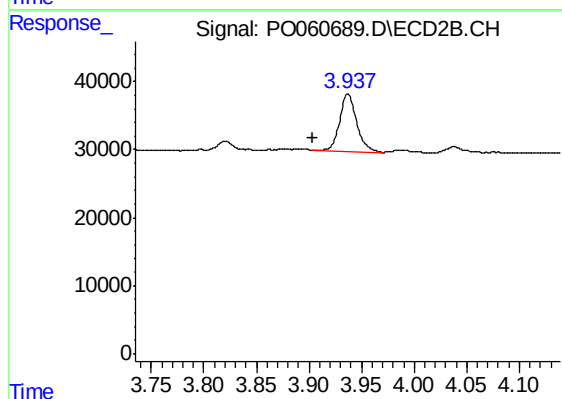
#10 AR-1221-3

R.T.: 3.937 min
Delta R.T.: 0.033 min
Response: 94188
Conc: 102.93 ng/ml



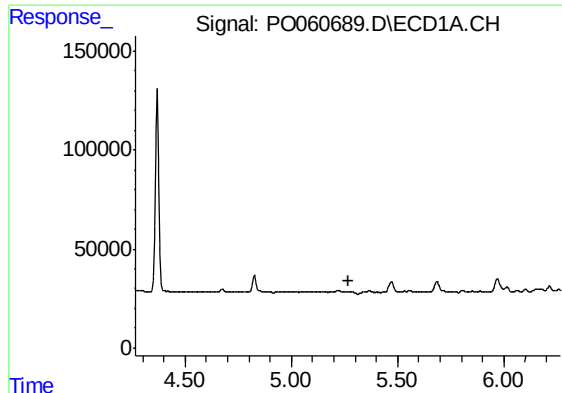
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.740 min
Response: 0
Conc: N.D.



#11 AR-1232-1

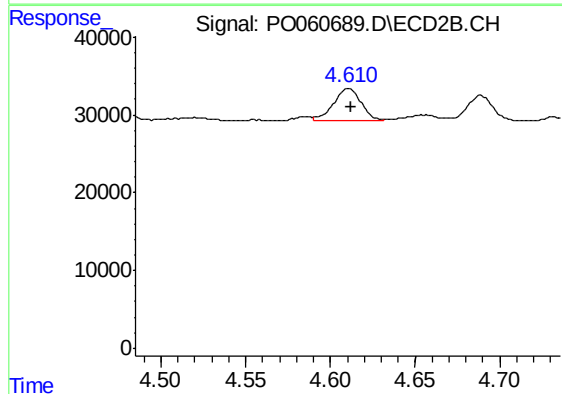
R.T.: 3.937 min
Delta R.T.: 0.034 min
Response: 94188
Conc: 96.34 ng/ml



#12 AR-1232-2

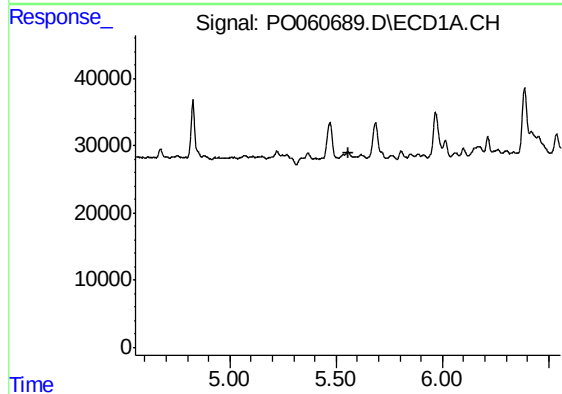
R.T.: 0.000 min
Exp R.T. : 5.266 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
OK-01-091119



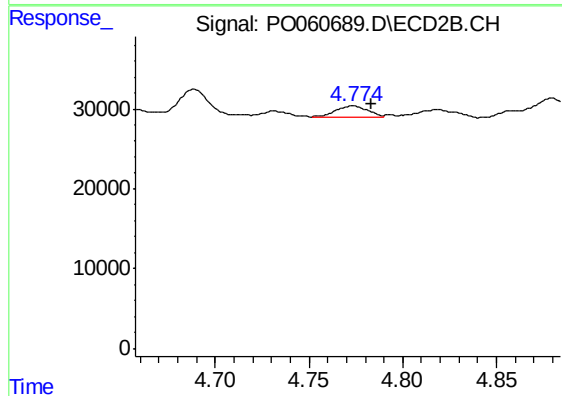
#12 AR-1232-2

R.T.: 4.611 min
Delta R.T.: -0.001 min
Response: 45755
Conc: 43.42 ng/ml



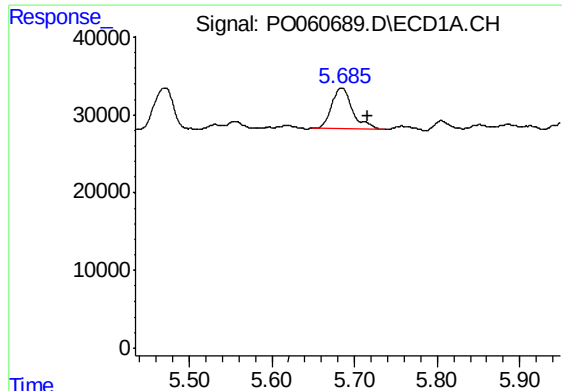
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 5.556 min
Response: 0
Conc: N.D.



#13 AR-1232-3

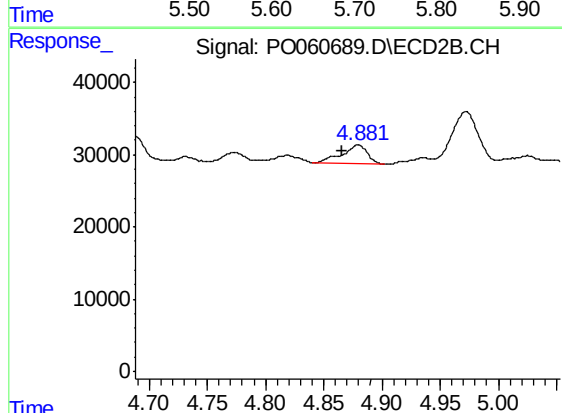
R.T.: 4.774 min
Delta R.T.: -0.009 min
Response: 16867
Conc: 29.79 ng/ml



#14 AR-1232-4

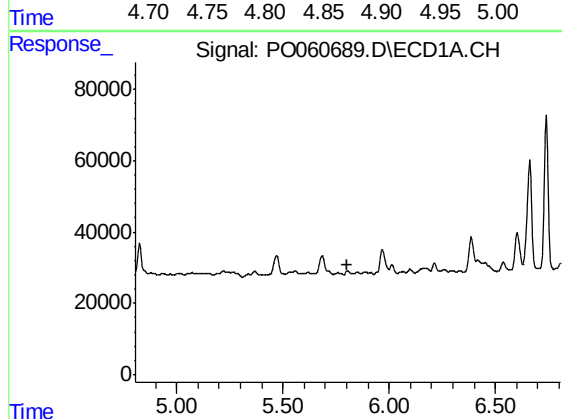
R.T.: 5.685 min
Delta R.T.: -0.031 min
Response: 93299
Conc: 127.59 ng/ml

Instrument :
ECD_O
ClientSampleId :
OK-01-091119



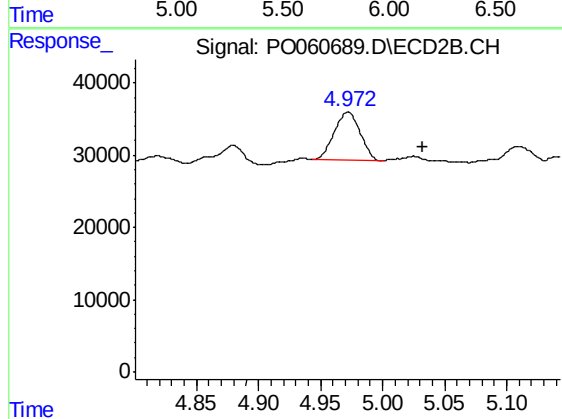
#14 AR-1232-4

R.T.: 4.880 min
Delta R.T.: 0.015 min
Response: 40292
Conc: 74.09 ng/ml



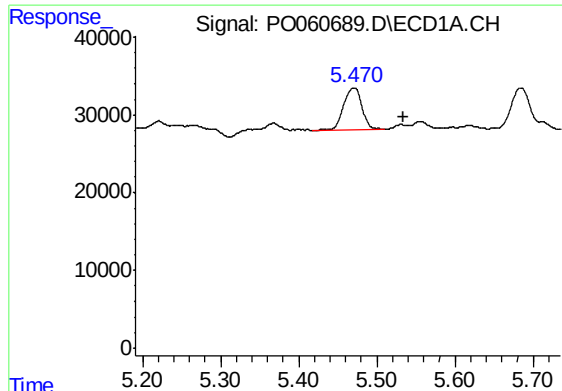
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 5.806 min
Response: 0
Conc: N.D.



#15 AR-1232-5

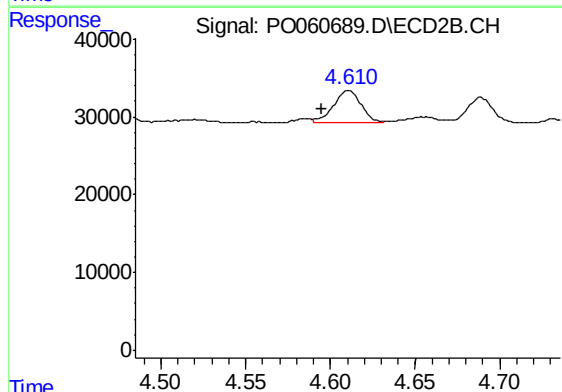
R.T.: 4.972 min
Delta R.T.: -0.060 min
Response: 96107
Conc: 161.08 ng/ml



#16 AR-1242-1

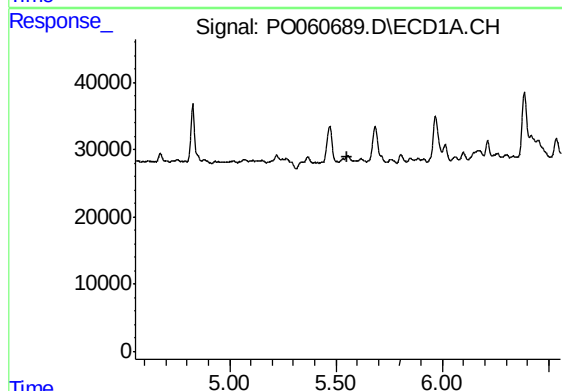
R.T.: 5.470 min
Delta R.T.: -0.064 min
Response: 87909
Conc: 72.97 ng/ml

Instrument :
ECD_O
ClientSampleId :
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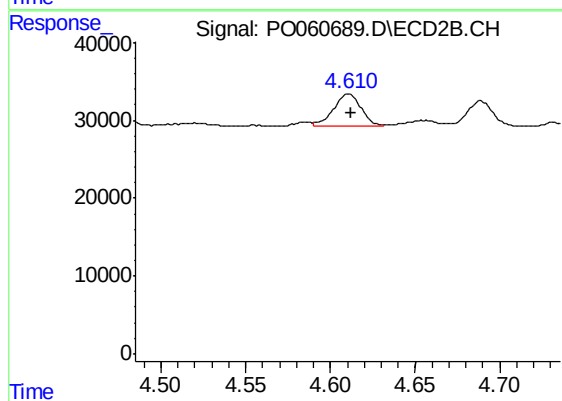
#16 AR-1242-1

R.T.: 4.611 min
Delta R.T.: 0.016 min
Response: 45755
Conc: 49.77 ng/ml



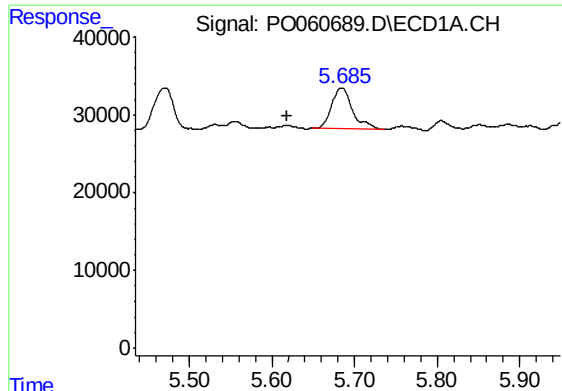
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 5.556 min
Response: 0
Conc: N.D.



#17 AR-1242-2

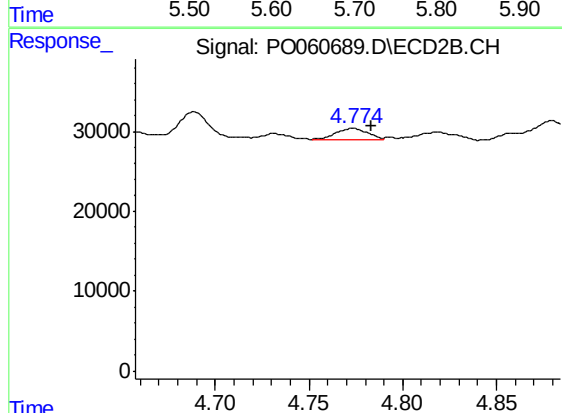
R.T.: 4.611 min
Delta R.T.: -0.002 min
Response: 45755
Conc: 35.67 ng/ml



#18 AR-1242-3

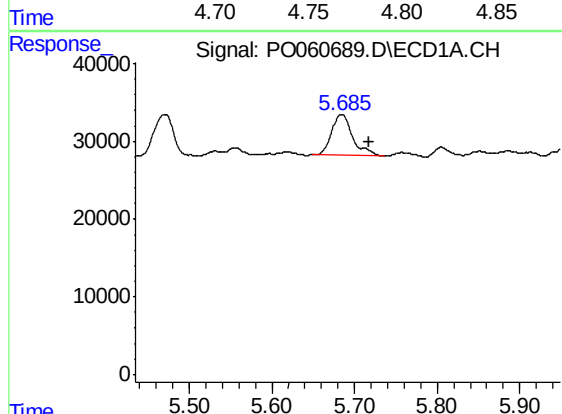
R.T.: 5.685 min
Delta R.T.: 0.067 min
Response: 93299
Conc: 84.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
OK-01-091119



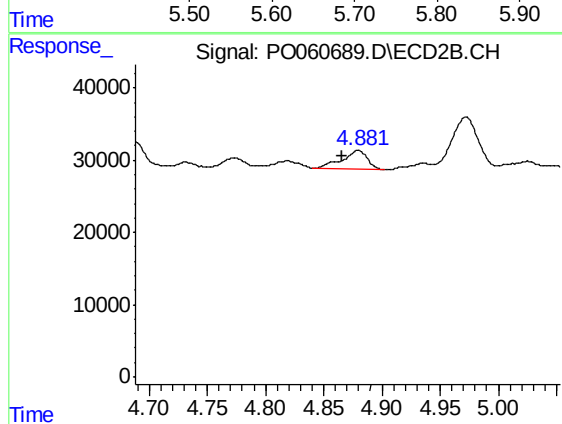
#18 AR-1242-3

R.T.: 4.774 min
Delta R.T.: -0.009 min
Response: 16867
Conc: 23.62 ng/ml



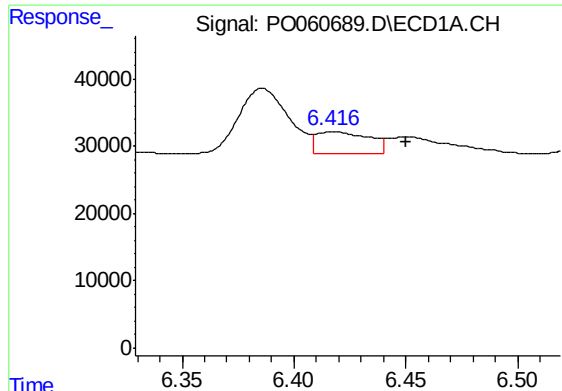
#19 AR-1242-4

R.T.: 5.685 min
Delta R.T.: -0.032 min
Response: 93299
Conc: 103.64 ng/ml



#19 AR-1242-4

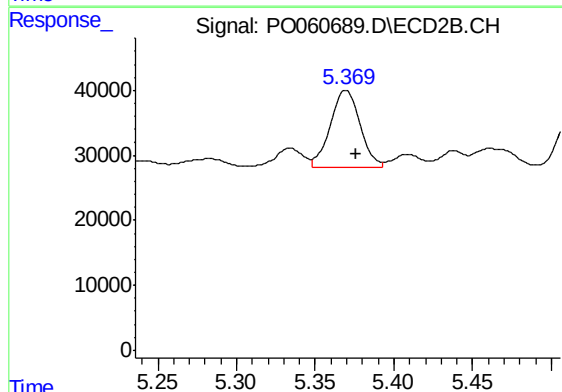
R.T.: 4.880 min
Delta R.T.: 0.014 min
Response: 40292
Conc: 53.74 ng/ml



#20 AR-1242-5

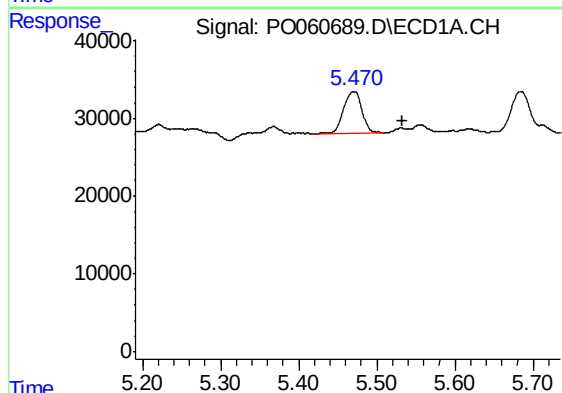
R.T.: 6.417 min
Delta R.T.: -0.033 min
Response: 54725
Conc: 50.21 ng/ml

Instrument :
ECD_O
ClientSampleId :
OK-01-091119



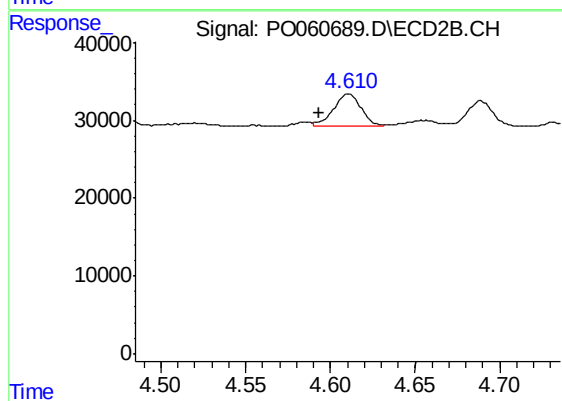
#20 AR-1242-5

R.T.: 5.370 min
Delta R.T.: -0.006 min
Response: 157043
Conc: 160.84 ng/ml



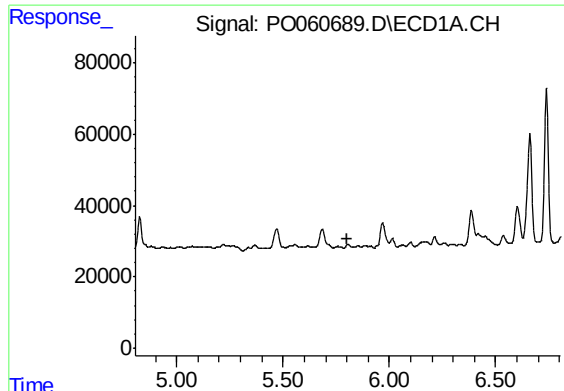
#21 AR-1248-1

R.T.: 5.470 min
Delta R.T.: -0.063 min
Response: 87909
Conc: 95.80 ng/ml



#21 AR-1248-1

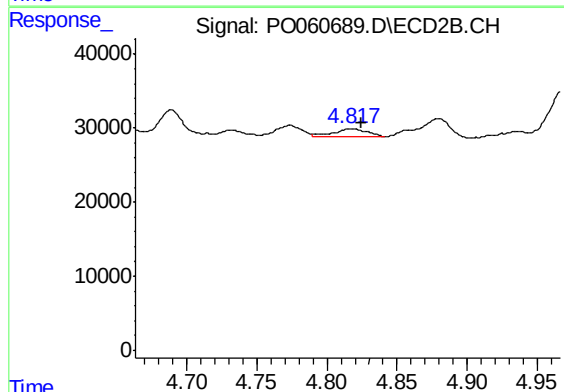
R.T.: 4.611 min
Delta R.T.: 0.017 min
Response: 45755
Conc: 63.30 ng/ml



#22 AR-1248-2

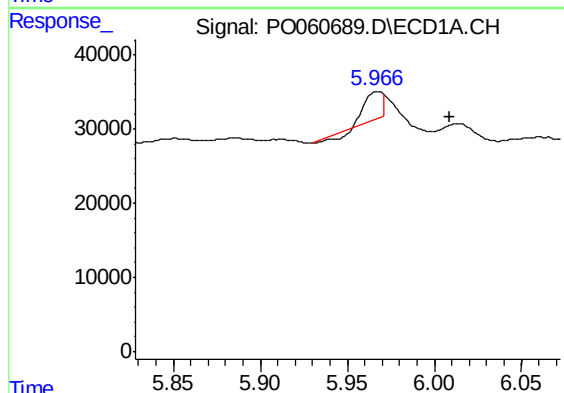
R.T.: 0.000 min
Exp R.T.: 5.805 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
OK-01-091119



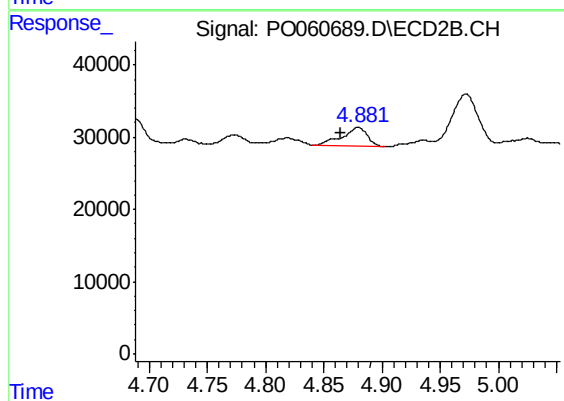
#22 AR-1248-2

R.T.: 4.818 min
Delta R.T.: -0.007 min
Response: 17398
Conc: 17.76 ng/ml



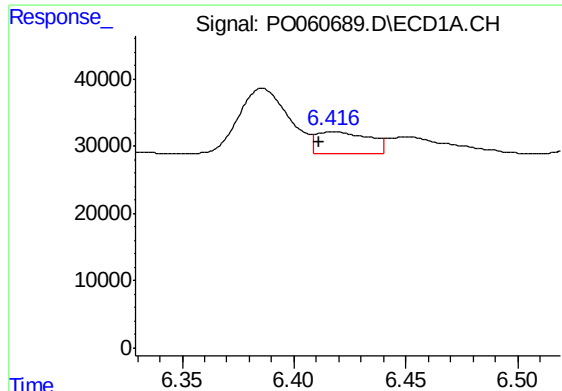
#23 AR-1248-3

R.T.: 5.967 min
Delta R.T.: -0.042 min
Response: 22640
Conc: 15.11 ng/ml



#23 AR-1248-3

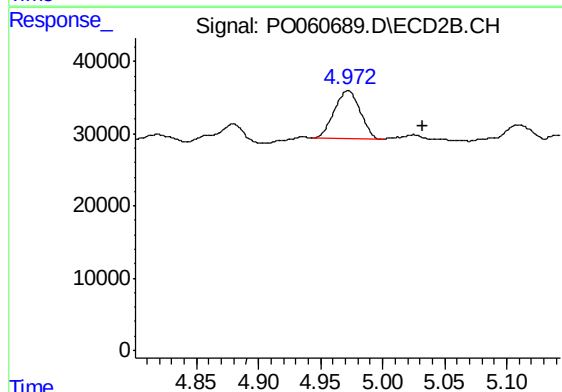
R.T.: 4.880 min
Delta R.T.: 0.015 min
Response: 40292
Conc: 39.48 ng/ml



#24 AR-1248-4

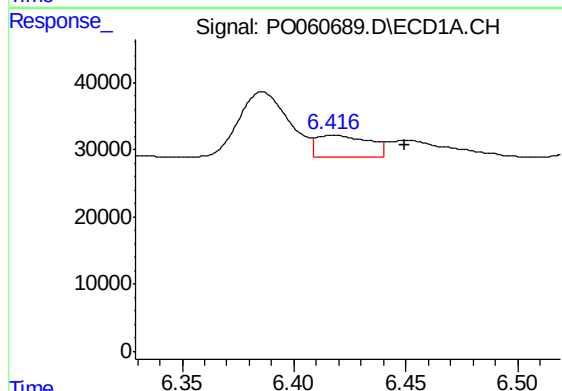
R.T.: 6.417 min
Delta R.T.: 0.006 min
Response: 54725
Conc: 31.11 ng/ml

Instrument :
ECD_O
ClientSampleId :
OK-01-091119



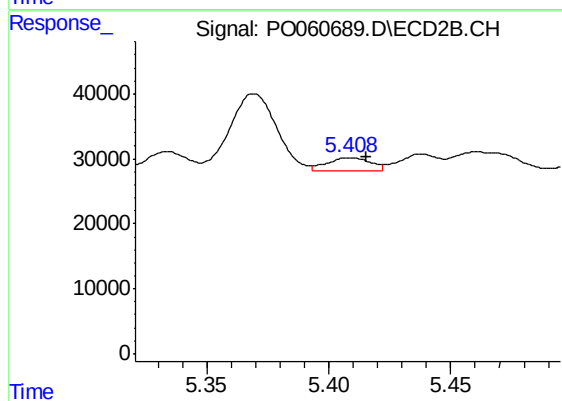
#24 AR-1248-4

R.T.: 4.972 min
Delta R.T.: -0.060 min
Response: 96107
Conc: 79.04 ng/ml



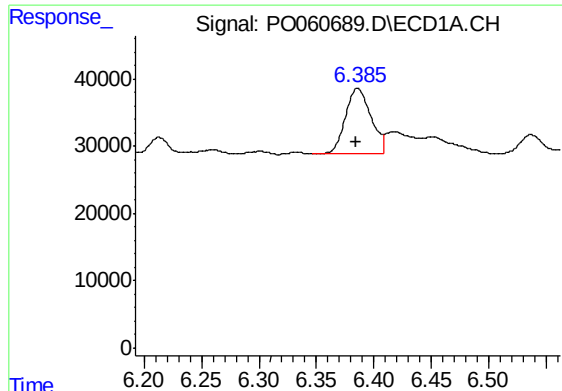
#25 AR-1248-5

R.T.: 6.417 min
Delta R.T.: -0.033 min
Response: 54725
Conc: 32.71 ng/ml



#25 AR-1248-5

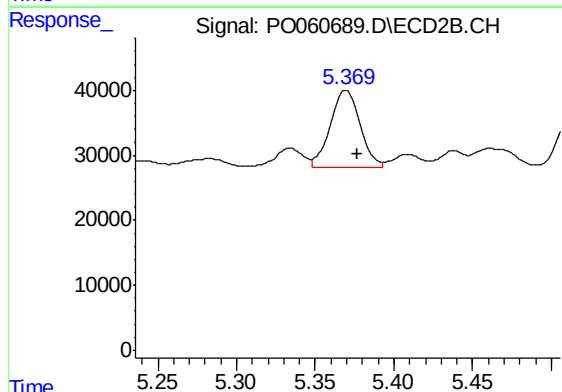
R.T.: 5.408 min
Delta R.T.: -0.007 min
Response: 24748
Conc: 20.34 ng/ml



#26 AR-1254-1

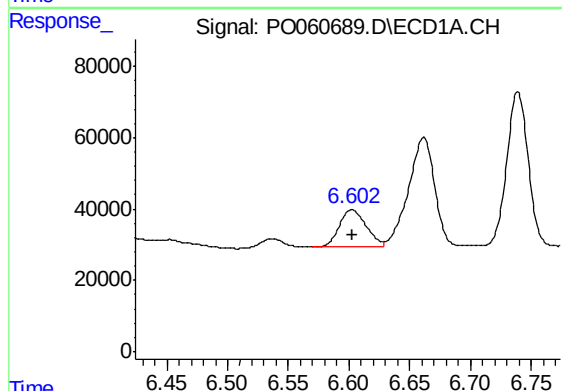
R.T.: 6.386 min
Delta R.T.: 0.001 min
Response: 152710
Conc: 83.74 ng/ml

Instrument :
ECD_O
ClientSampleId :
OK-01-091119



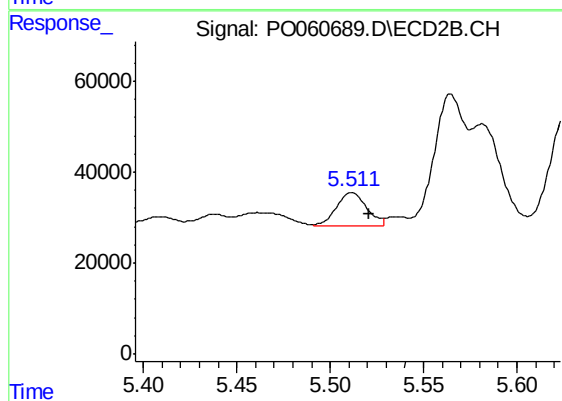
#26 AR-1254-1

R.T.: 5.370 min
Delta R.T.: -0.007 min
Response: 157043
Conc: 82.77 ng/ml



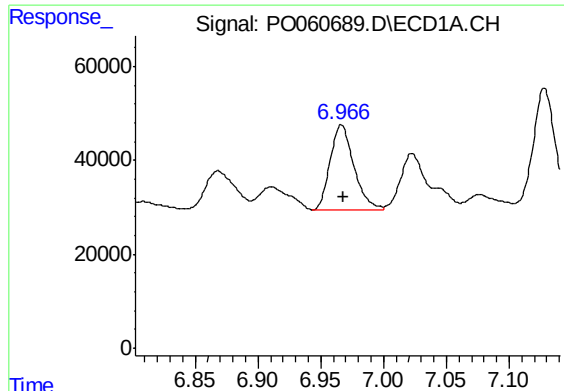
#27 AR-1254-2

R.T.: 6.602 min
Delta R.T.: 0.000 min
Response: 159462
Conc: 55.02 ng/ml



#27 AR-1254-2

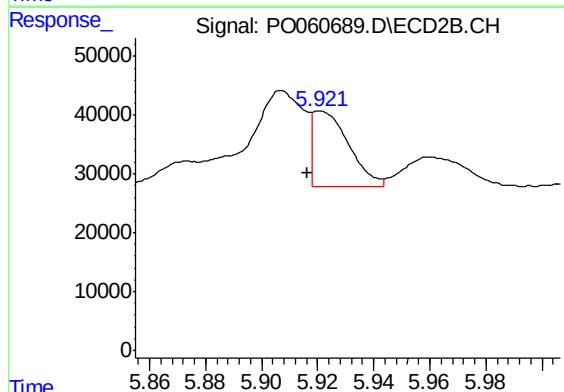
R.T.: 5.512 min
Delta R.T.: -0.009 min
Response: 85191
Conc: 49.85 ng/ml



#28 AR-1254-3

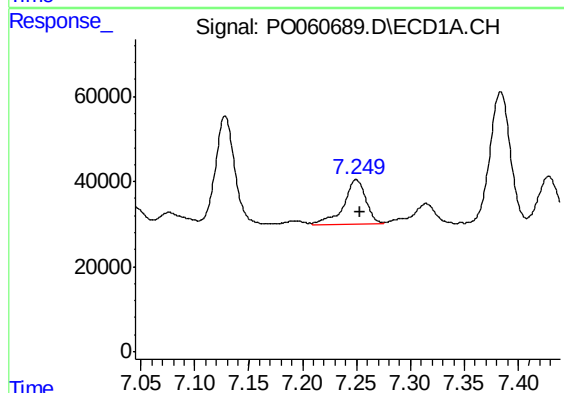
R.T.: 6.966 min
Delta R.T.: -0.002 min
Response: 237715
Conc: 74.54 ng/ml

Instrument :
ECD_O
ClientSampleId :
OK-01-091119



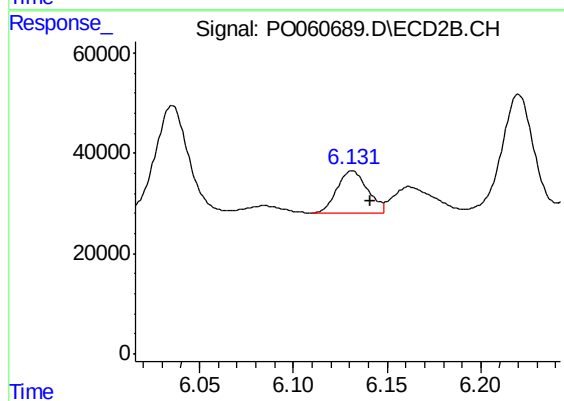
#28 AR-1254-3

R.T.: 5.921 min
Delta R.T.: 0.004 min
Response: 113750
Conc: 40.56 ng/ml



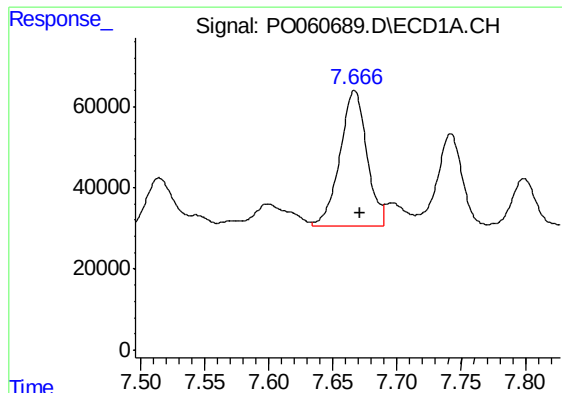
#29 AR-1254-4

R.T.: 7.250 min
Delta R.T.: -0.003 min
Response: 151247
Conc: 62.98 ng/ml



#29 AR-1254-4

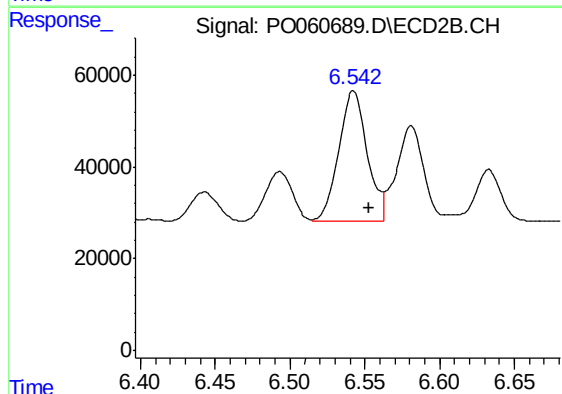
R.T.: 6.131 min
Delta R.T.: -0.009 min
Response: 97850
Conc: 54.77 ng/ml



#30 AR-1254-5

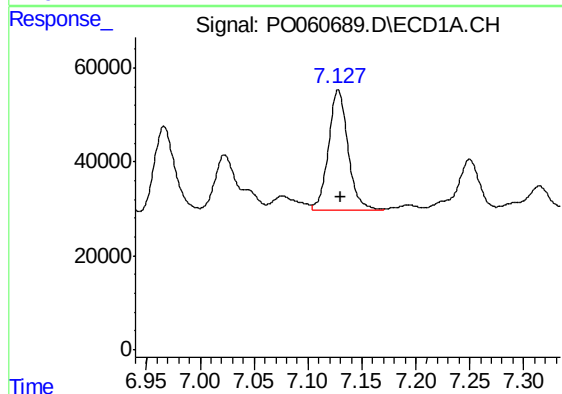
R.T.: 7.667 min
Delta R.T.: -0.004 min
Response: 483557
Conc: 177.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
OK-01-091119



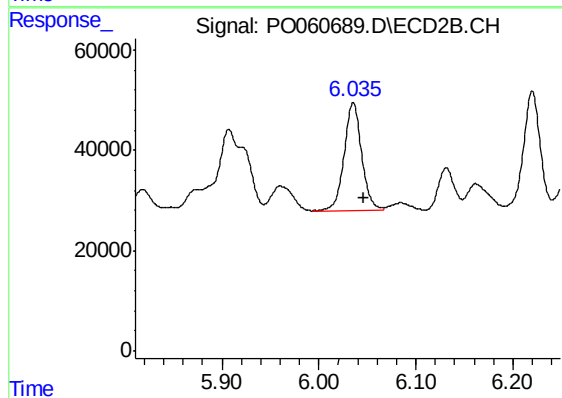
#30 AR-1254-5

R.T.: 6.542 min
Delta R.T.: -0.010 min
Response: 379365
Conc: 144.57 ng/ml



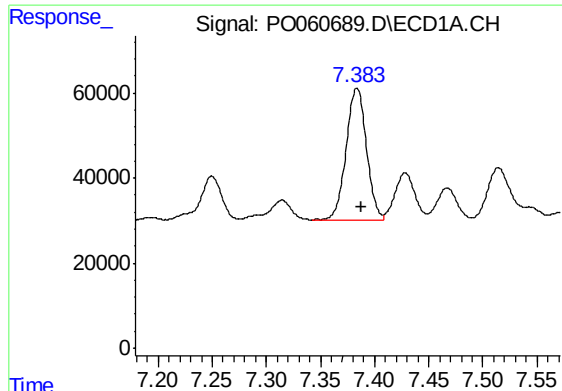
#31 AR-1260-1

R.T.: 7.128 min
Delta R.T.: -0.002 min
Response: 321131
Conc: 128.47 ng/ml



#31 AR-1260-1

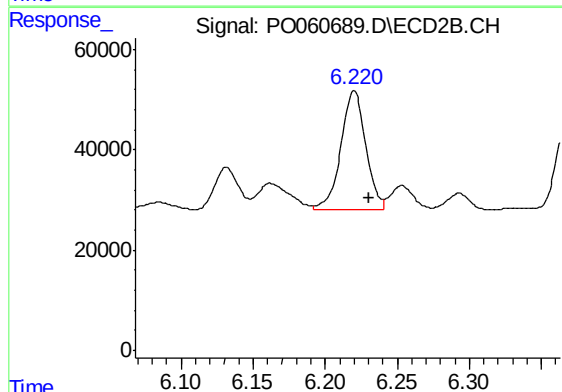
R.T.: 6.035 min
Delta R.T.: -0.011 min
Response: 273448
Conc: 132.97 ng/ml



#32 AR-1260-2

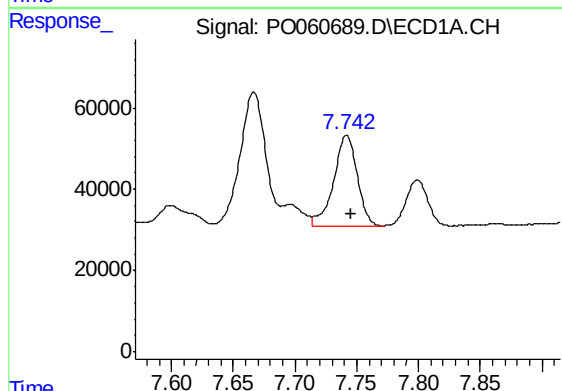
R.T.: 7.384 min
Delta R.T.: -0.004 min
Response: 404078
Conc: 130.04 ng/ml

Instrument :
ECD_O
ClientSampleId :
OK-01-091119



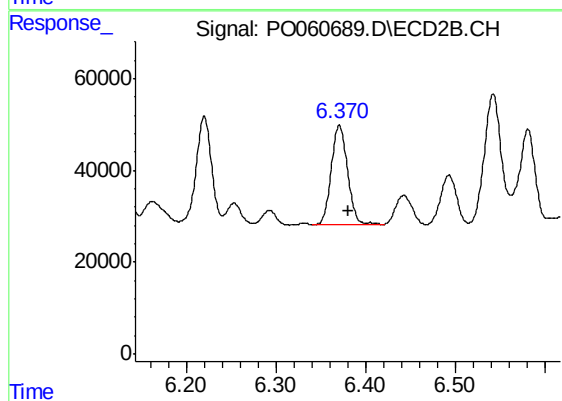
#32 AR-1260-2

R.T.: 6.220 min
Delta R.T.: -0.010 min
Response: 287550
Conc: 114.85 ng/ml



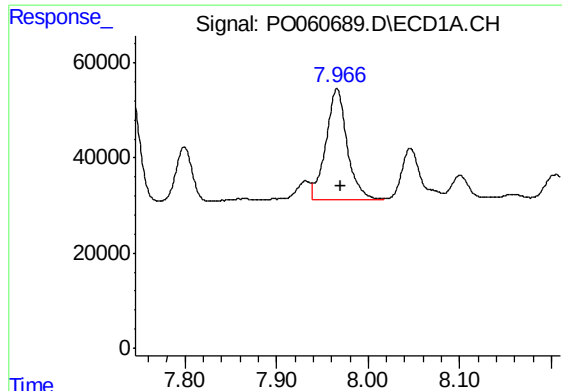
#33 AR-1260-3

R.T.: 7.742 min
Delta R.T.: -0.003 min
Response: 302494
Conc: 120.93 ng/ml



#33 AR-1260-3

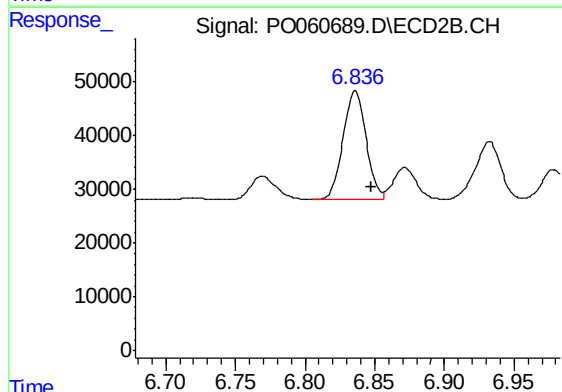
R.T.: 6.371 min
Delta R.T.: -0.011 min
Response: 271639
Conc: 116.92 ng/ml



#34 AR-1260-4

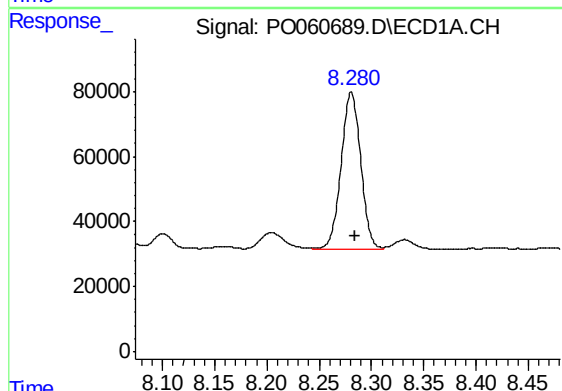
R.T.: 7.966 min
Delta R.T.: -0.005 min
Response: 373429
Conc: 126.13 ng/ml

Instrument :
ECD_O
ClientSampleId :
OK-01-091119



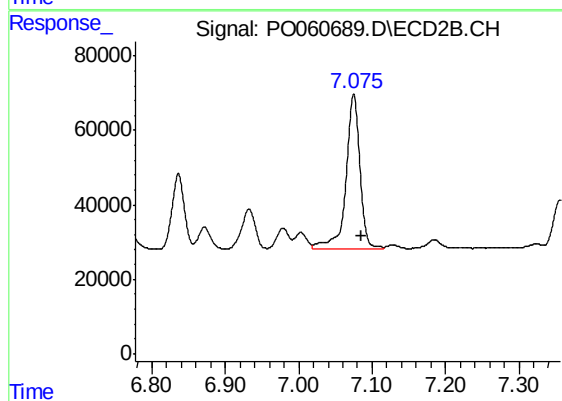
#34 AR-1260-4

R.T.: 6.836 min
Delta R.T.: -0.012 min
Response: 233890
Conc: 115.16 ng/ml



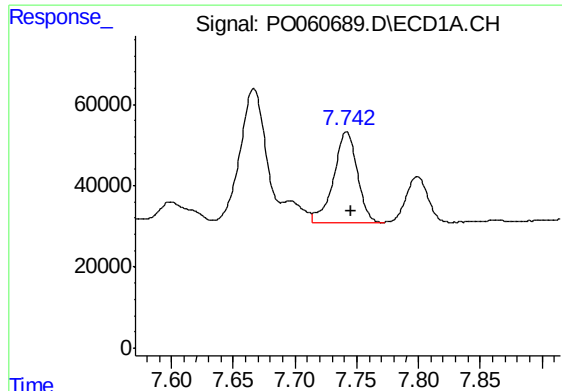
#35 AR-1260-5

R.T.: 8.281 min
Delta R.T.: -0.004 min
Response: 630125
Conc: 112.19 ng/ml



#35 AR-1260-5

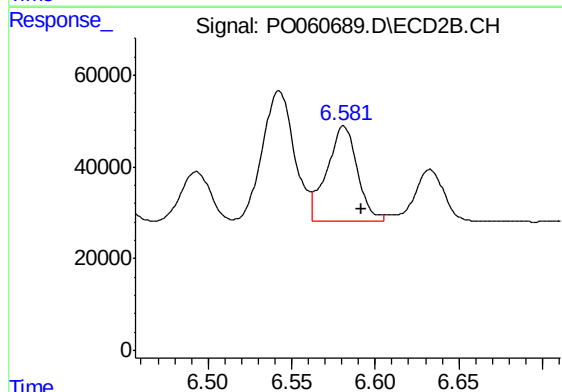
R.T.: 7.075 min
Delta R.T.: -0.011 min
Response: 553825
Conc: 120.90 ng/ml



#36 AR-1262-1

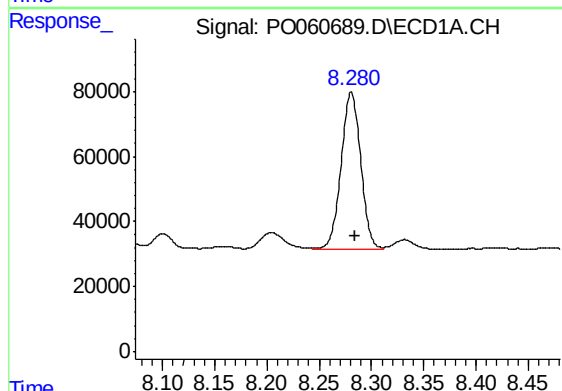
R.T.: 7.742 min
Delta R.T.: -0.003 min
Response: 302494
Conc: 90.07 ng/ml

Instrument :
ECD_O
ClientSampleId :
OK-01-091119



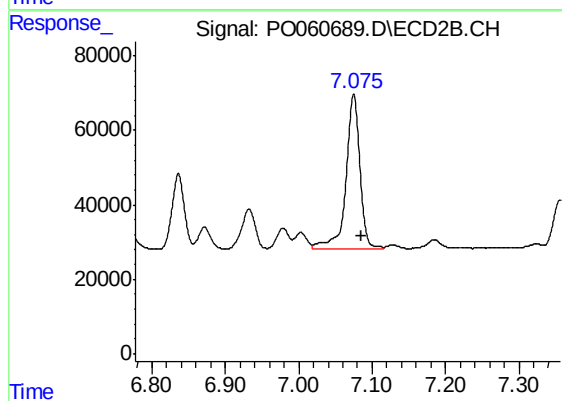
#36 AR-1262-1

R.T.: 6.581 min
Delta R.T.: -0.011 min
Response: 263943
Conc: 99.27 ng/ml



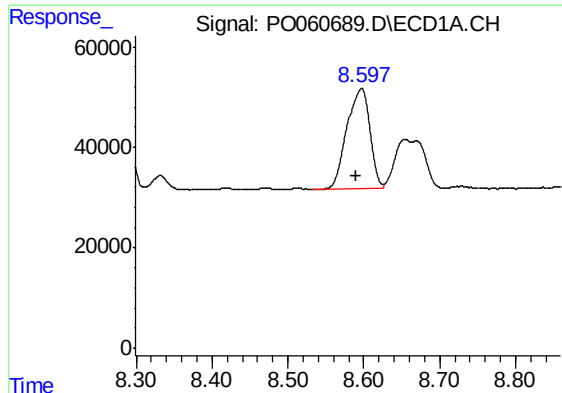
#37 AR-1262-2

R.T.: 8.281 min
Delta R.T.: -0.004 min
Response: 630125
Conc: 107.63 ng/ml



#37 AR-1262-2

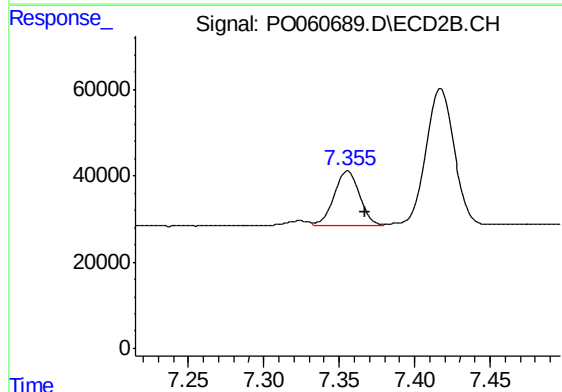
R.T.: 7.075 min
Delta R.T.: -0.010 min
Response: 553825
Conc: 122.00 ng/ml



#38 AR-1262-3

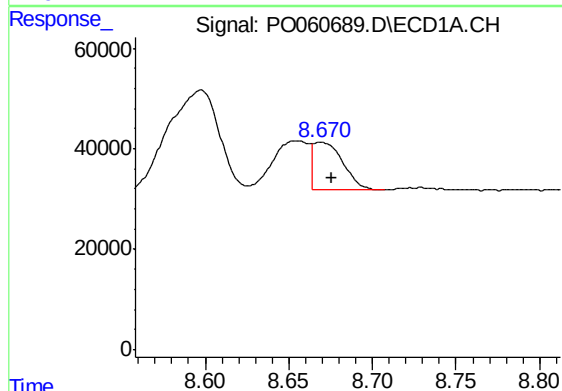
R.T.: 8.598 min
Delta R.T.: 0.008 min
Response: 423500
Conc: 105.83 ng/ml

Instrument :
ECD_O
ClientSampleId :
OK-01-091119



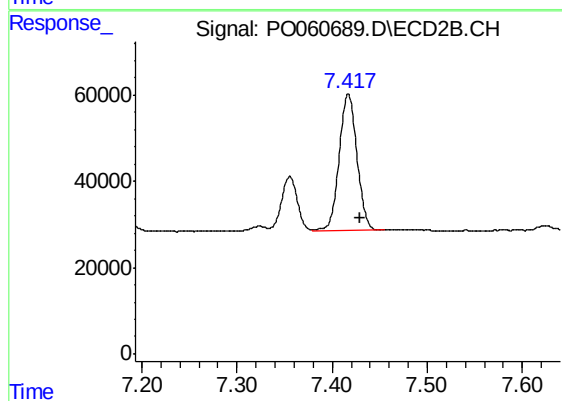
#38 AR-1262-3

R.T.: 7.356 min
Delta R.T.: -0.012 min
Response: 145456
Conc: 76.73 ng/ml



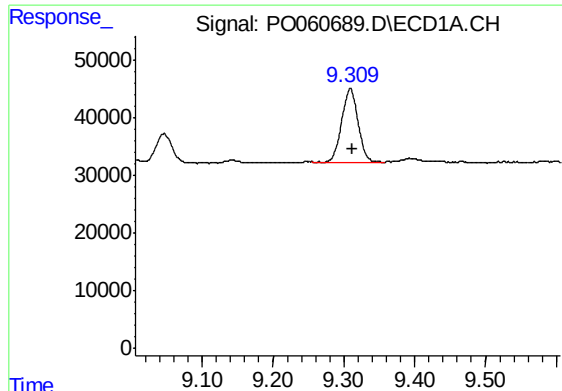
#39 AR-1262-4

R.T.: 8.669 min
Delta R.T.: -0.006 min
Response: 116351
Conc: 38.31 ng/ml



#39 AR-1262-4

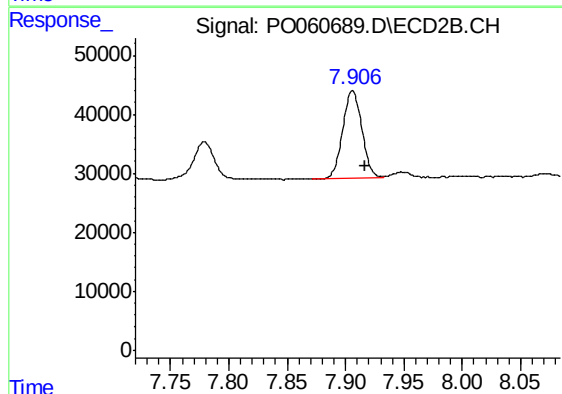
R.T.: 7.417 min
Delta R.T.: -0.012 min
Response: 412067
Conc: 120.16 ng/ml



#40 AR-1262-5

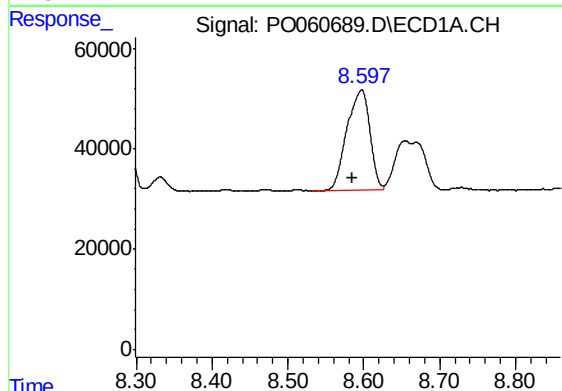
R.T.: 9.309 min
Delta R.T.: -0.004 min
Response: 205007
Conc: 102.20 ng/ml

Instrument :
ECD_O
ClientSampleId :
OK-01-091119



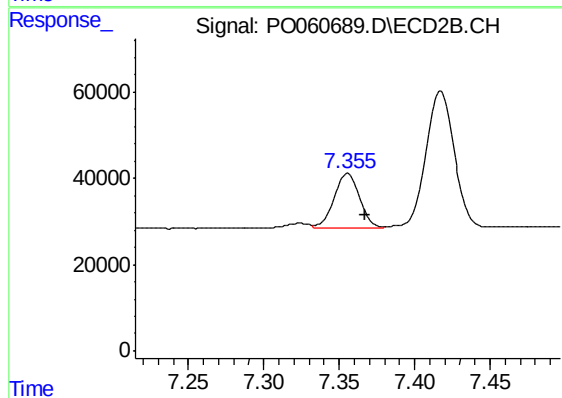
#40 AR-1262-5

R.T.: 7.906 min
Delta R.T.: -0.011 min
Response: 171038
Conc: 109.39 ng/ml



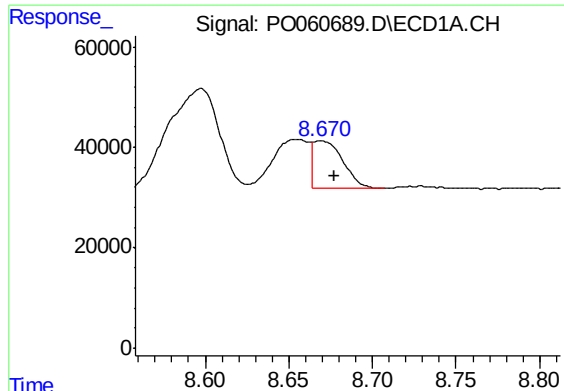
#41 AR-1268-1

R.T.: 8.598 min
Delta R.T.: 0.012 min
Response: 423500
Conc: 61.35 ng/ml



#41 AR-1268-1

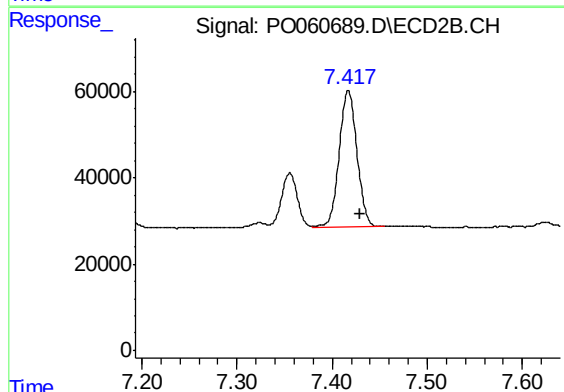
R.T.: 7.356 min
Delta R.T.: -0.011 min
Response: 145456
Conc: 28.64 ng/ml



#42 AR-1268-2

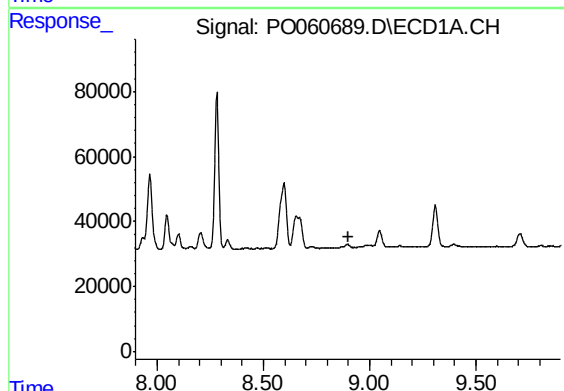
R.T.: 8.669 min
Delta R.T.: -0.008 min
Response: 116351
Conc: 18.09 ng/ml

Instrument :
ECD_O
ClientSampleId :
OK-01-091119



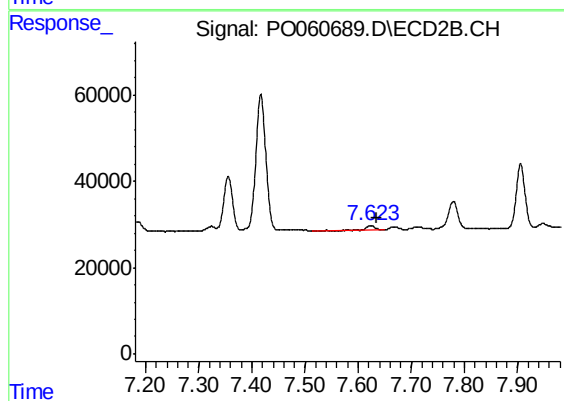
#42 AR-1268-2

R.T.: 7.417 min
Delta R.T.: -0.013 min
Response: 412067
Conc: 88.71 ng/ml



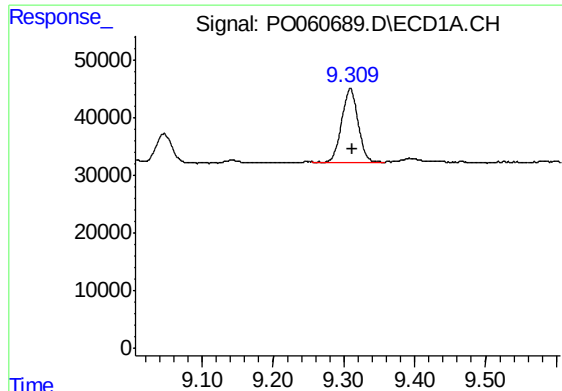
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 8.898 min
Response: 0
Conc: N.D.



#43 AR-1268-3

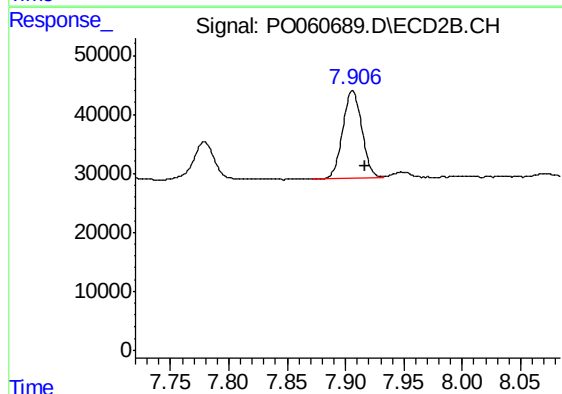
R.T.: 7.623 min
Delta R.T.: -0.013 min
Response: 12043
Conc: 3.06 ng/ml



#44 AR-1268-4

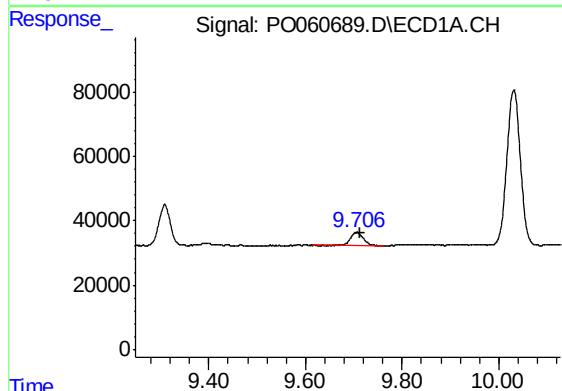
R.T.: 9.309 min
Delta R.T.: -0.004 min
Response: 205007
Conc: 92.41 ng/ml

Instrument :
ECD_O
ClientSampleId :
OK-01-091119



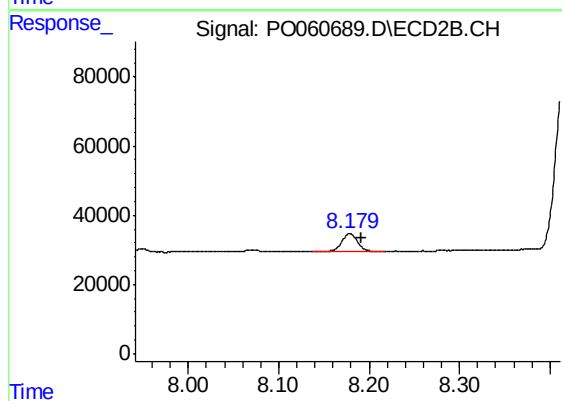
#44 AR-1268-4

R.T.: 7.906 min
Delta R.T.: -0.011 min
Response: 171038
Conc: 100.59 ng/ml



#45 AR-1268-5

R.T.: 9.707 min
Delta R.T.: -0.005 min
Response: 73397
Conc: 4.48 ng/ml



#45 AR-1268-5

R.T.: 8.179 min
Delta R.T.: -0.013 min
Response: 61087
Conc: 5.45 ng/ml