

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0091719\
 Data File : P0060986.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 17 Sep 2019 10:08
 Operator : SM/AJ
 Sample : K4825-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :
 CSA-4-2

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 17 13:51:41 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...	4.371	3.533	948836	753998	25.790	27.004
2)	SA Decachlor...	10.031	8.411	829090	530762	18.045	15.142
Target Compounds							
3)	L1 AR-1016-1	0.000	4.601	0	48895	N.D.	39.551 #
4)	L1 AR-1016-2	0.000	4.601	0	48895	N.D.	28.739 #
5)	L1 AR-1016-3	0.000	4.777	0	30926	N.D.	31.899 #
6)	L1 AR-1016-4	5.709	4.815	24261	51637	20.568	63.085 #
7)	L1 AR-1016-5	6.007	5.023	23656	49804	18.871	47.552 #
9)	L2 AR-1221-2	0.000	3.821	0	18142	N.D.	64.552 #
10)	L2 AR-1221-3	0.000	3.897	0	5495	N.D.	6.620 #
11)	L3 AR-1232-1	0.000	3.897	0	5495	N.D.	6.030 #
12)	L3 AR-1232-2	5.224	4.601	17523	48895	27.025	48.427 #
13)	L3 AR-1232-3	0.000	4.777	0	30926	N.D.	55.106 #
14)	L3 AR-1232-4	5.709	4.854	24261	30429	35.307	58.268 #
15)	L3 AR-1232-5	5.803	5.023	73271	49804	133.806	88.004 #
16)	L4 AR-1242-1	0.000	4.601	0	48895	N.D.	53.708 #
17)	L4 AR-1242-2	0.000	4.601	0	48895	N.D.	39.058 #
18)	L4 AR-1242-3	0.000	4.777	0	30926	N.D.	43.279 #
19)	L4 AR-1242-4	5.709	4.854	24261	30429	27.482	41.784 #
20)	L4 AR-1242-5	6.450	5.366	78968	146419	70.464	147.913 #
21)	L5 AR-1248-1	0.000	4.601	0	48895	N.D.	68.936 #
22)	L5 AR-1248-2	5.803	4.815	73271	51637	54.792	53.443
23)	L5 AR-1248-3	6.007	4.854	23656	30429	15.630	30.213 #
24)	L5 AR-1248-4	6.383	5.023	159867	49804	87.749	41.472 #
25)	L5 AR-1248-5	6.450	5.405	78968	34045	45.135	26.931 #
26)	L6 AR-1254-1	6.383	5.366	159867	146419	82.977	71.045
27)	L6 AR-1254-2	6.602	5.509	234730	82942	74.590	43.954 #
28)	L6 AR-1254-3	6.968	5.904	375994	230545	106.757	72.510 #
29)	L6 AR-1254-4	7.250	6.128	115812	55322	42.781	26.572 #
30)	L6 AR-1254-5	7.667	6.539	301698	244314	102.311	77.195
31)	L7 AR-1260-1	7.128	6.032	155828	149724	64.005	71.182
32)	L7 AR-1260-2	7.378	6.217	428167	150891	141.620	58.496 #
33)	L7 AR-1260-3	7.741	6.367	104761	132150	43.898	54.878 #
34)	L7 AR-1260-4	7.963	6.832	241016	74676	86.148	34.891 #
35)	L7 AR-1260-5	8.280	7.071	192750	221707	35.397	45.878 #
36)	L8 AR-1262-1	7.741	6.577	104761	90703	29.658	30.367
37)	L8 AR-1262-2	8.280	7.071	192750	221707	30.917	42.640 #
38)	L8 AR-1262-3	8.597	7.351	200310	32285	47.011	15.211 #
39)	L8 AR-1262-4	8.679	7.413	272924	143250	83.709	37.505 #
40)	L8 AR-1262-5	9.311	7.903	61125	67887	30.061	40.559 #
41)	L9 AR-1268-1	8.597	7.351	200310	32285	27.141	5.507 #
42)	L9 AR-1268-2	8.679	7.413	272924	143250	40.403	26.876 #
43)	L9 AR-1268-3	8.952	7.616	24546	35518	4.371	8.013 #

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 Acq On : 17 Sep 2019 10:08
 Operator : SM/AJ
 Sample : K4825-09
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

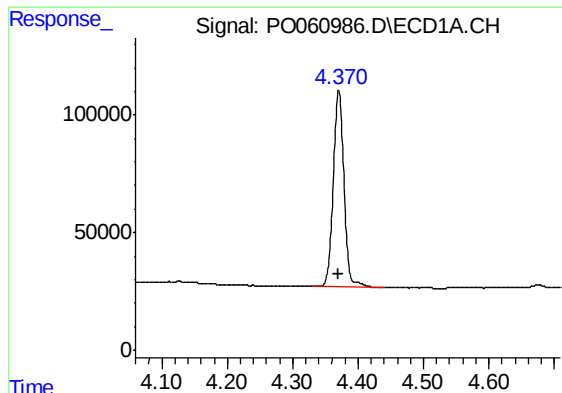
Instrument :
 ECD_O
 ClientSampleId :
 CSA-4-2

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 17 13:51:41 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0091319.M
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 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
44) L9	AR-1268-4	9.311	7.903	61125	67887	26.499	35.527 #
45) L9	AR-1268-5	9.709	8.174	25860	47523	1.630	3.949 #

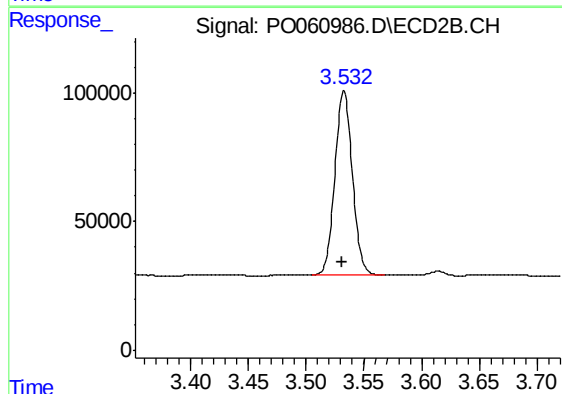
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

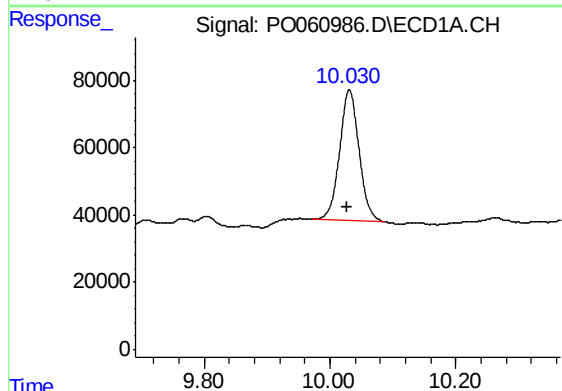
R.T.: 4.371 min
Delta R.T.: 0.000 min
Response: 948836
Conc: 25.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
CSA-4-2



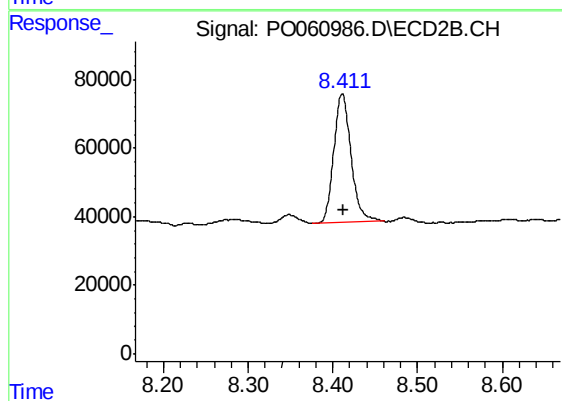
#1 Tetrachloro-m-xylene

R.T.: 3.533 min
Delta R.T.: 0.001 min
Response: 753998
Conc: 27.00 ng/ml



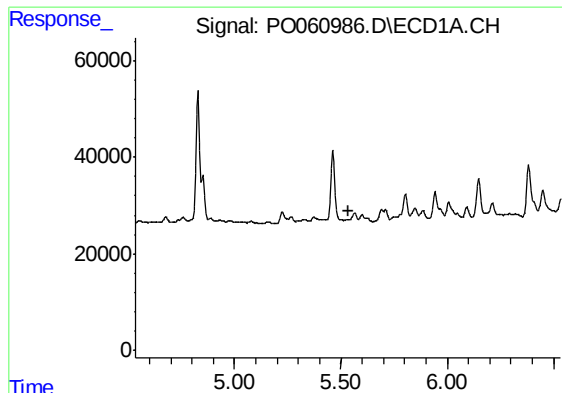
#2 Decachlorobiphenyl

R.T.: 10.031 min
Delta R.T.: 0.003 min
Response: 829090
Conc: 18.04 ng/ml



#2 Decachlorobiphenyl

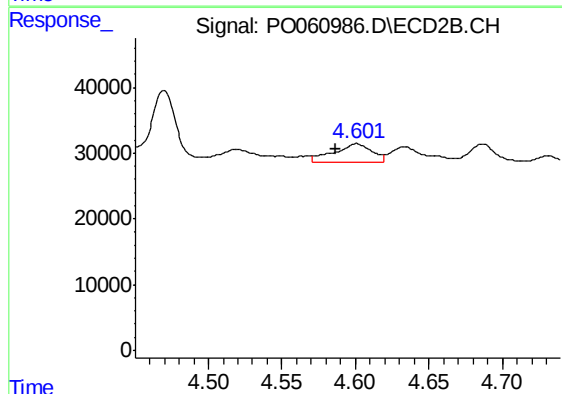
R.T.: 8.411 min
Delta R.T.: -0.002 min
Response: 530762
Conc: 15.14 ng/ml



#3 AR-1016-1

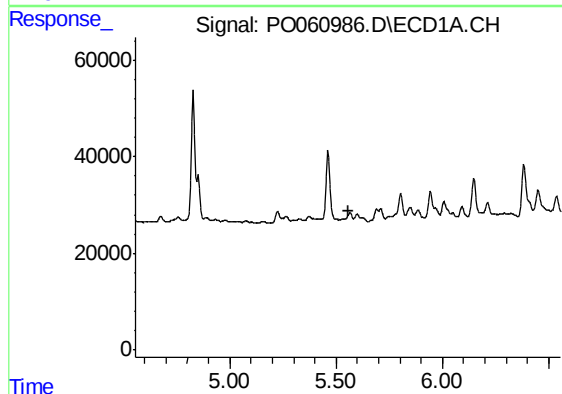
R.T.: 0.000 min
Exp R.T. : 5.533 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
CSA-4-2



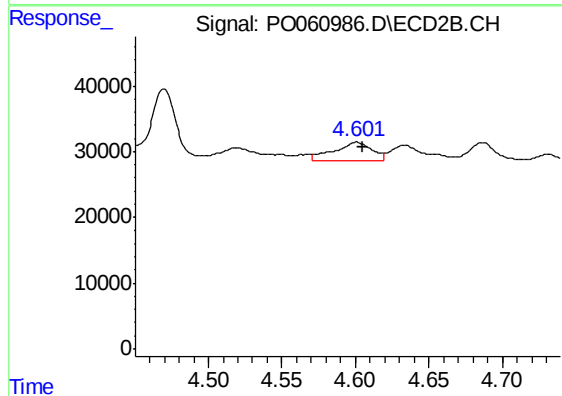
#3 AR-1016-1

R.T.: 4.601 min
Delta R.T.: 0.015 min
Response: 48895
Conc: 39.55 ng/ml



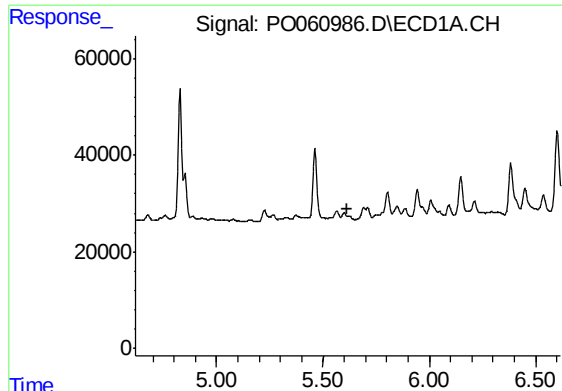
#4 AR-1016-2

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



#4 AR-1016-2

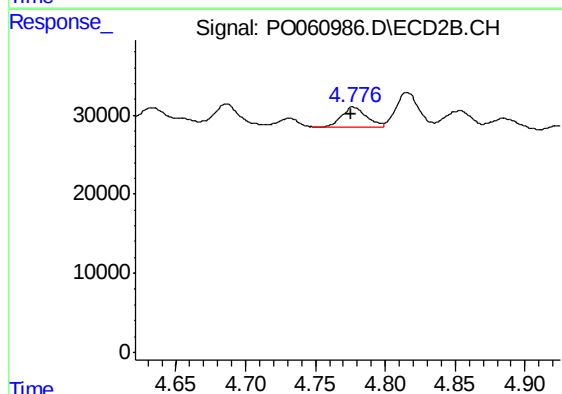
R.T.: 4.601 min
Delta R.T.: -0.004 min
Response: 48895
Conc: 28.74 ng/ml



#5 AR-1016-3

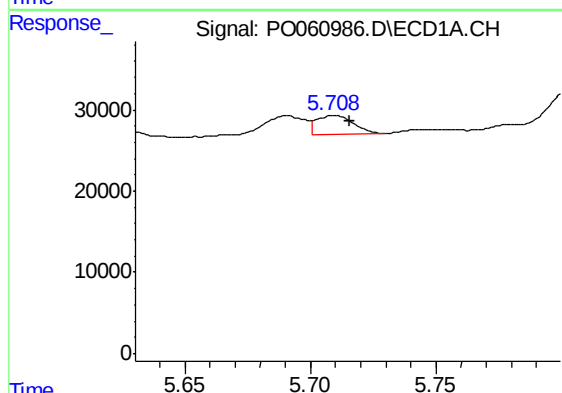
R.T.: 0.000 min
Exp R.T.: 5.617 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
CSA-4-2



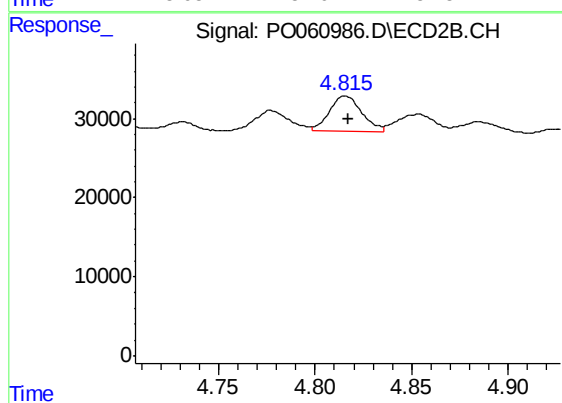
#5 AR-1016-3

R.T.: 4.777 min
Delta R.T.: 0.002 min
Response: 30926
Conc: 31.90 ng/ml



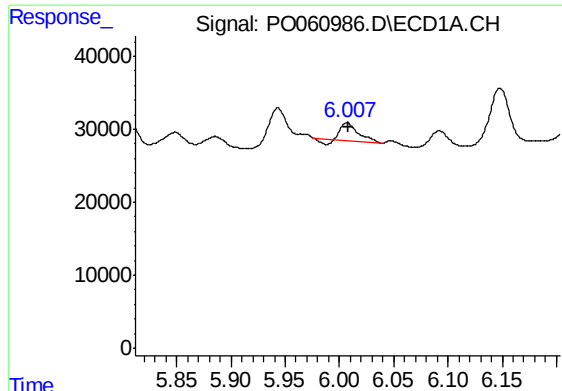
#6 AR-1016-4

R.T.: 5.709 min
Delta R.T.: -0.007 min
Response: 24261
Conc: 20.57 ng/ml



#6 AR-1016-4

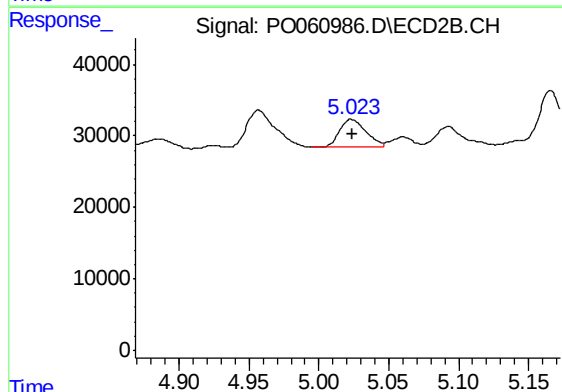
R.T.: 4.815 min
Delta R.T.: -0.002 min
Response: 51637
Conc: 63.09 ng/ml



#7 AR-1016-5

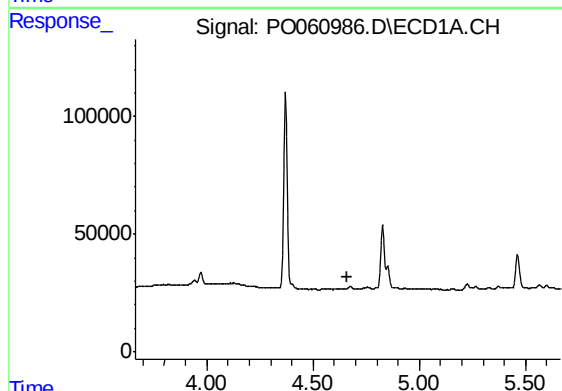
R.T.: 6.007 min
Delta R.T.: -0.001 min
Response: 23656
Conc: 18.87 ng/ml

Instrument :
ECD_O
ClientSampleId :
CSA-4-2



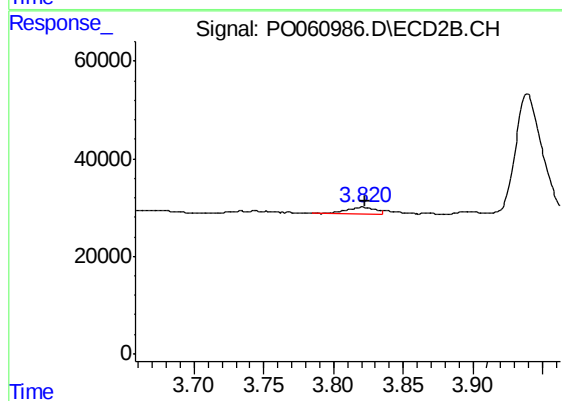
#7 AR-1016-5

R.T.: 5.023 min
Delta R.T.: 0.000 min
Response: 49804
Conc: 47.55 ng/ml



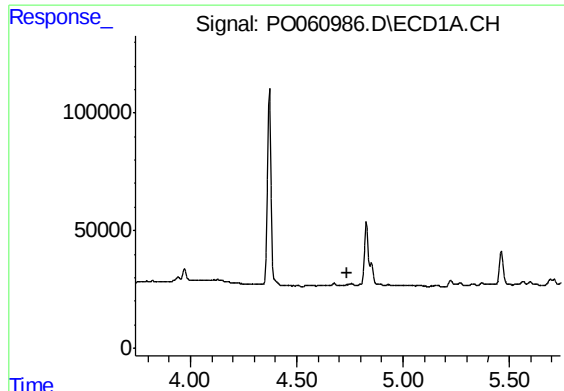
#9 AR-1221-2

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



#9 AR-1221-2

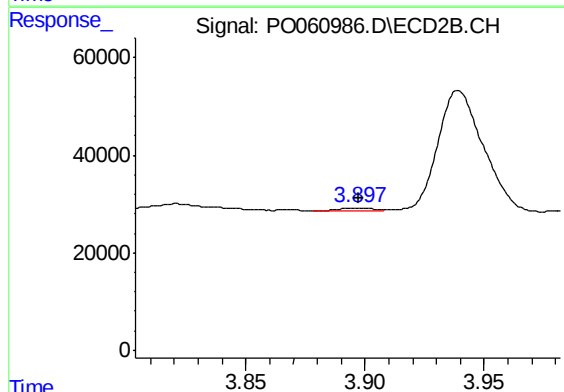
R.T.: 3.821 min
Delta R.T.: -0.002 min
Response: 18142
Conc: 64.55 ng/ml



#10 AR-1221-3

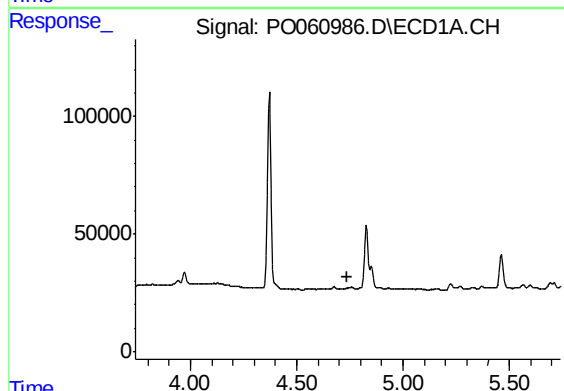
R.T.: 0.000 min
Exp R.T. : 4.741 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
CSA-4-2



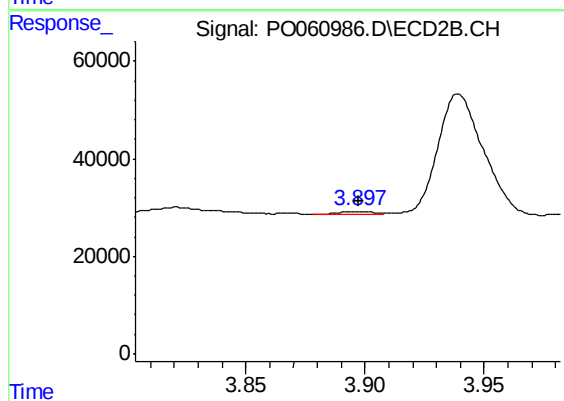
#10 AR-1221-3

R.T.: 3.897 min
Delta R.T.: 0.000 min
Response: 5495
Conc: 6.62 ng/ml



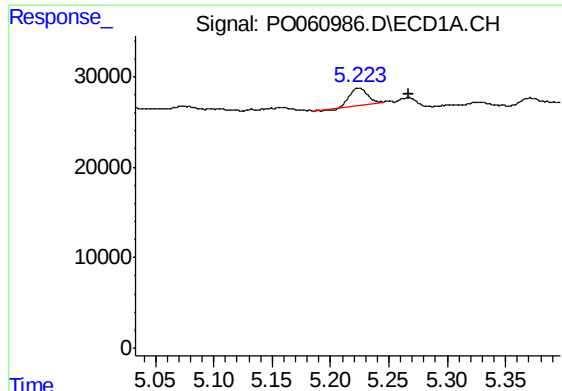
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 4.741 min
Response: 0
Conc: N.D.



#11 AR-1232-1

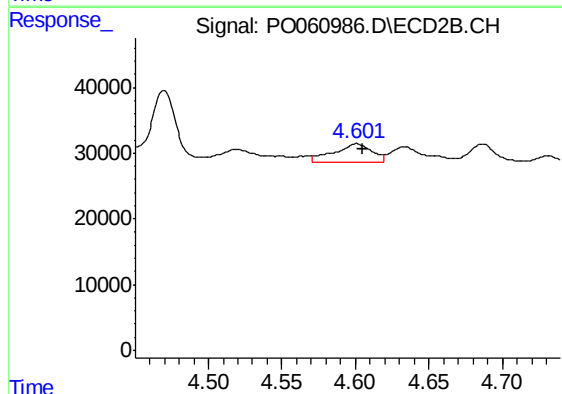
R.T.: 3.897 min
Delta R.T.: 0.000 min
Response: 5495
Conc: 6.03 ng/ml



#12 AR-1232-2

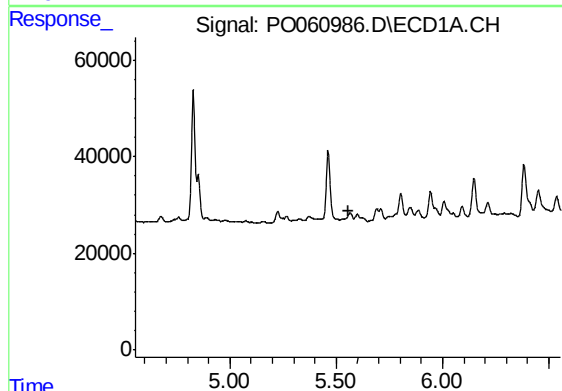
R.T.: 5.224 min
Delta R.T.: -0.043 min
Response: 17523
Conc: 27.03 ng/ml

Instrument :
ECD_O
ClientSampleId :
CSA-4-2



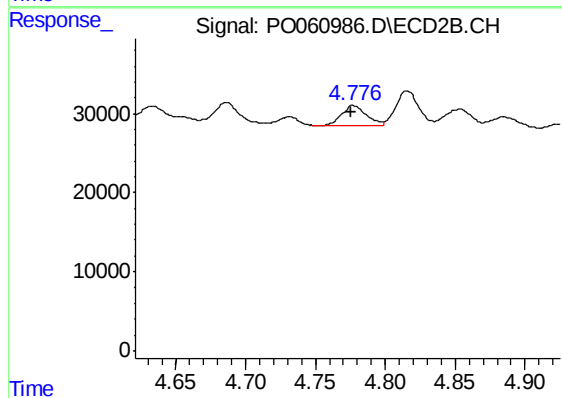
#12 AR-1232-2

R.T.: 4.601 min
Delta R.T.: -0.004 min
Response: 48895
Conc: 48.43 ng/ml



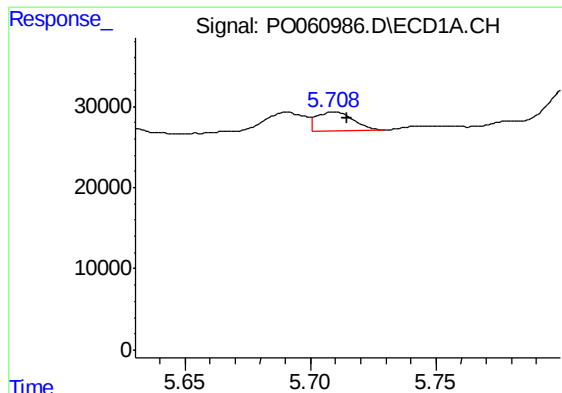
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 5.555 min
Response: 0
Conc: N.D.



#13 AR-1232-3

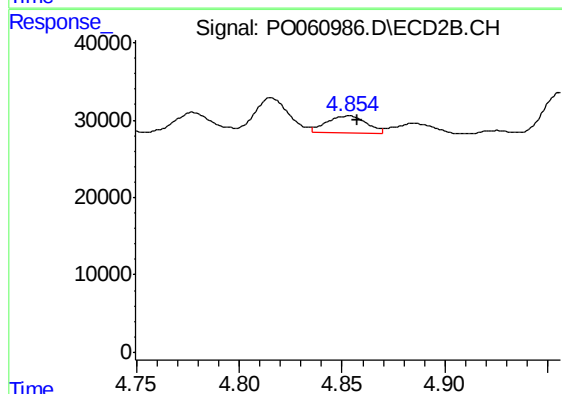
R.T.: 4.777 min
Delta R.T.: 0.002 min
Response: 30926
Conc: 55.11 ng/ml



#14 AR-1232-4

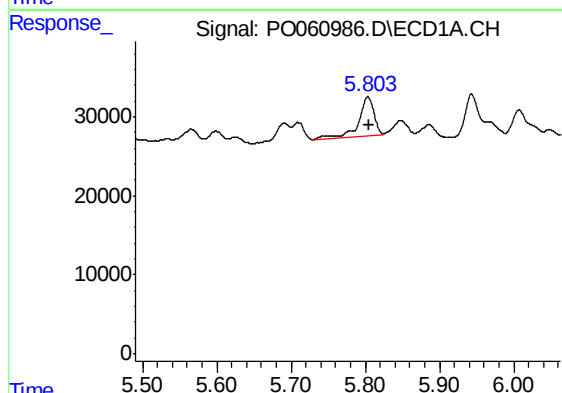
R.T.: 5.709 min
Delta R.T.: -0.006 min
Response: 24261
Conc: 35.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
CSA-4-2



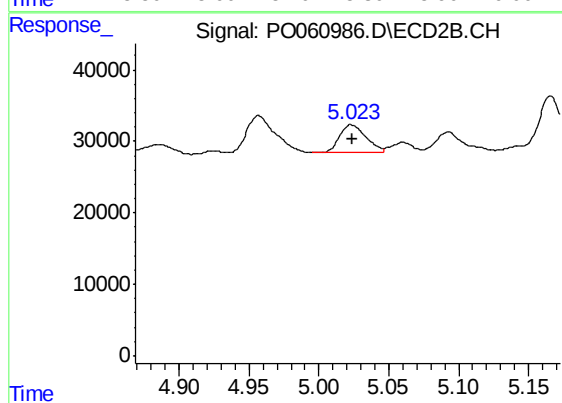
#14 AR-1232-4

R.T.: 4.854 min
Delta R.T.: -0.004 min
Response: 30429
Conc: 58.27 ng/ml



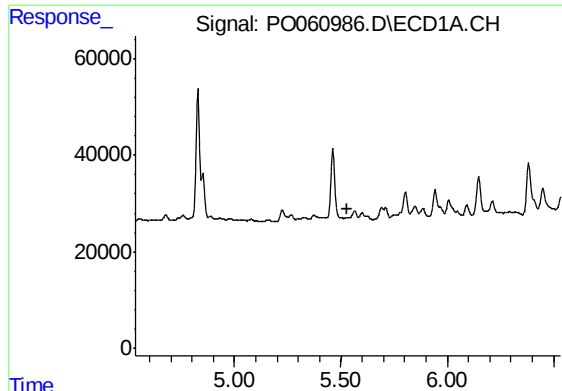
#15 AR-1232-5

R.T.: 5.803 min
Delta R.T.: -0.001 min
Response: 73271
Conc: 133.81 ng/ml



#15 AR-1232-5

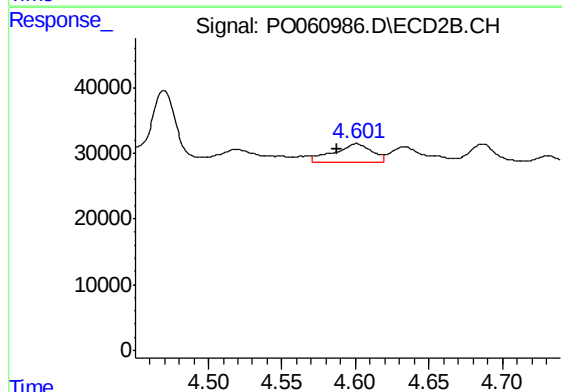
R.T.: 5.023 min
Delta R.T.: -0.001 min
Response: 49804
Conc: 88.00 ng/ml



#16 AR-1242-1

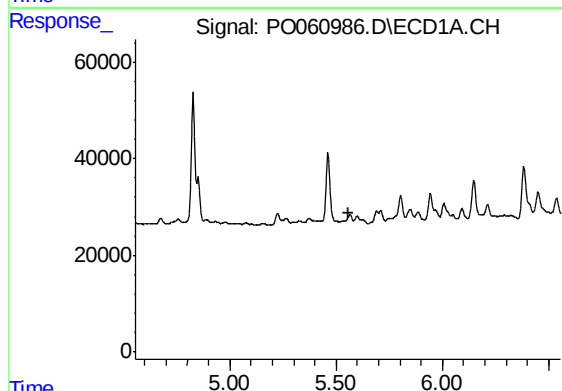
R.T.: 0.000 min
Exp R.T. : 5.533 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
CSA-4-2



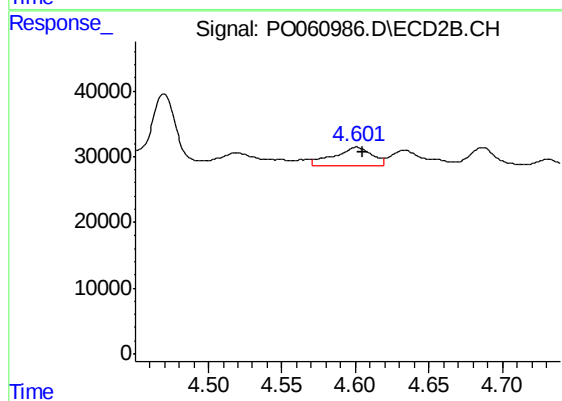
#16 AR-1242-1

R.T.: 4.601 min
Delta R.T.: 0.014 min
Response: 48895
Conc: 53.71 ng/ml



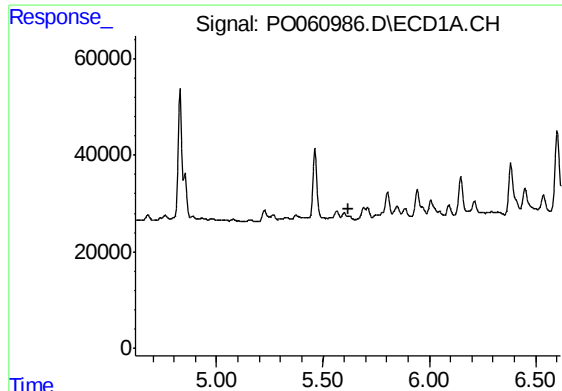
#17 AR-1242-2

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



#17 AR-1242-2

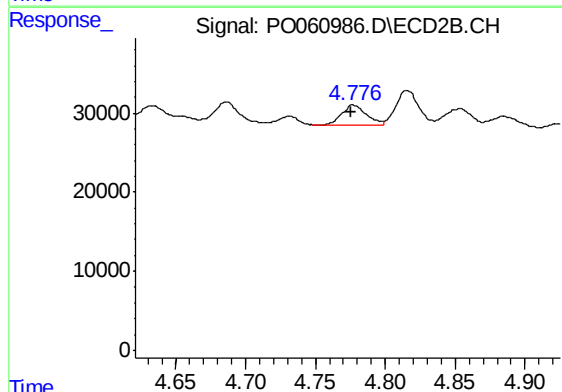
R.T.: 4.601 min
Delta R.T.: -0.004 min
Response: 48895
Conc: 39.06 ng/ml



#18 AR-1242-3

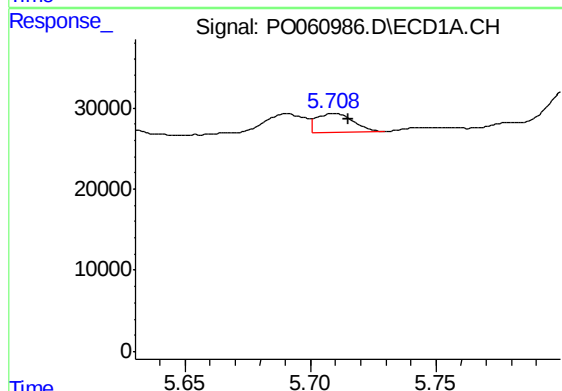
R.T.: 0.000 min
Exp R.T.: 5.617 min
Response: 0
Conc: N.D.

Instrument :
ECD_O
ClientSampleId :
CSA-4-2



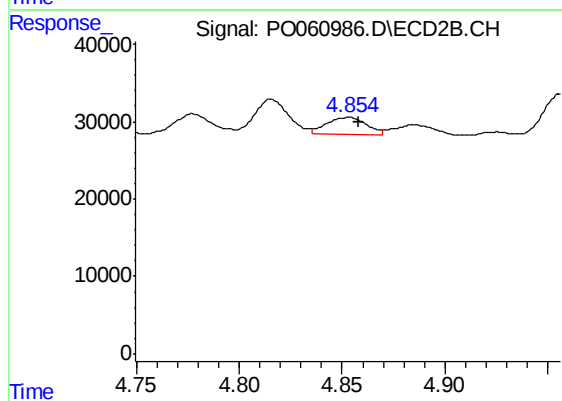
#18 AR-1242-3

R.T.: 4.777 min
Delta R.T.: 0.001 min
Response: 30926
Conc: 43.28 ng/ml



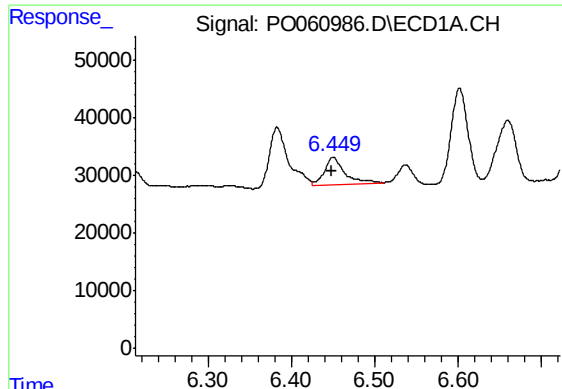
#19 AR-1242-4

R.T.: 5.709 min
Delta R.T.: -0.007 min
Response: 24261
Conc: 27.48 ng/ml



#19 AR-1242-4

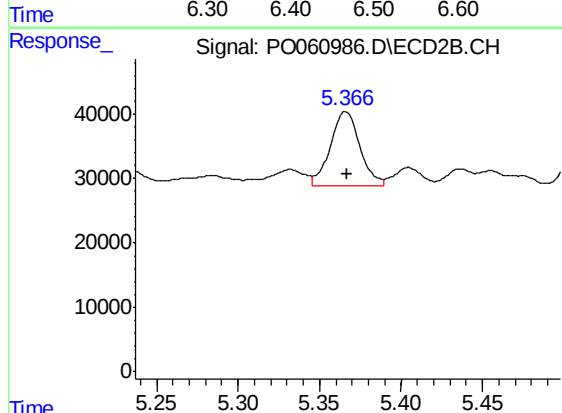
R.T.: 4.854 min
Delta R.T.: -0.004 min
Response: 30429
Conc: 41.78 ng/ml



#20 AR-1242-5

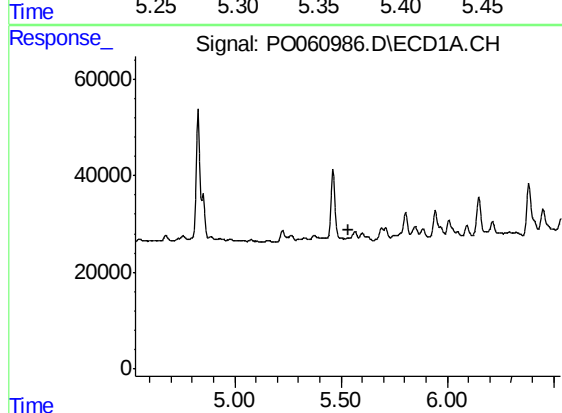
R.T.: 6.450 min
Delta R.T.: 0.002 min
Response: 78968
Conc: 70.46 ng/ml

Instrument :
ECD_O
ClientSampleId :
CSA-4-2



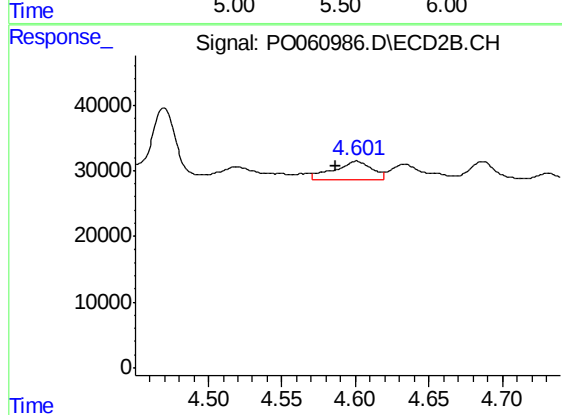
#20 AR-1242-5

R.T.: 5.366 min
Delta R.T.: 0.000 min
Response: 146419
Conc: 147.91 ng/ml



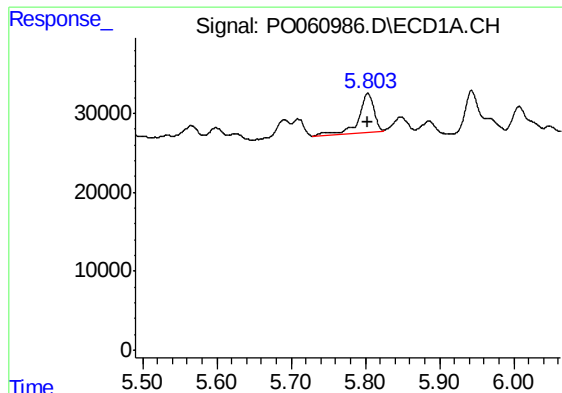
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 5.532 min
Response: 0
Conc: N.D.



#21 AR-1248-1

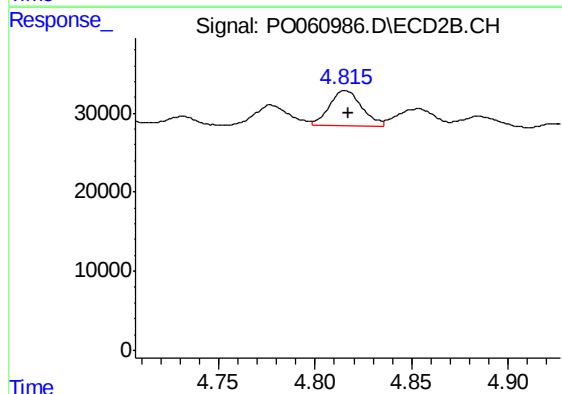
R.T.: 4.601 min
Delta R.T.: 0.015 min
Response: 48895
Conc: 68.94 ng/ml



#22 AR-1248-2

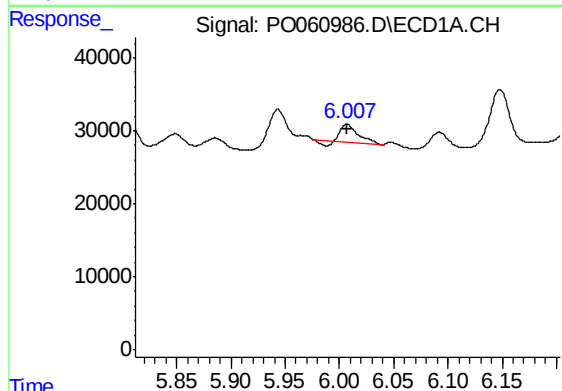
R.T.: 5.803 min
Delta R.T.: 0.000 min
Response: 73271
Conc: 54.79 ng/ml

Instrument :
ECD_O
ClientSampleId :
CSA-4-2



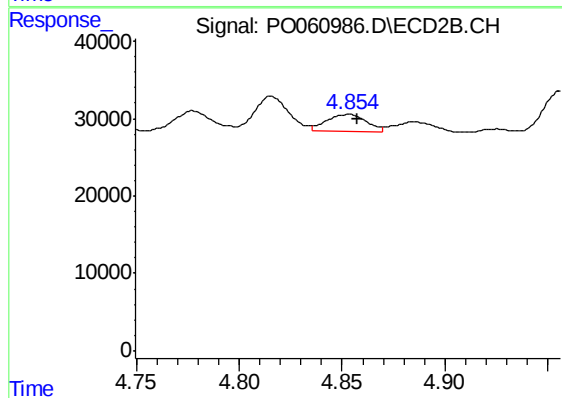
#22 AR-1248-2

R.T.: 4.815 min
Delta R.T.: -0.002 min
Response: 51637
Conc: 53.44 ng/ml



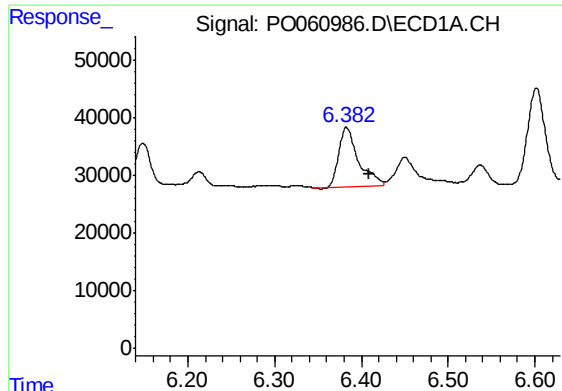
#23 AR-1248-3

R.T.: 6.007 min
Delta R.T.: 0.000 min
Response: 23656
Conc: 15.63 ng/ml



#23 AR-1248-3

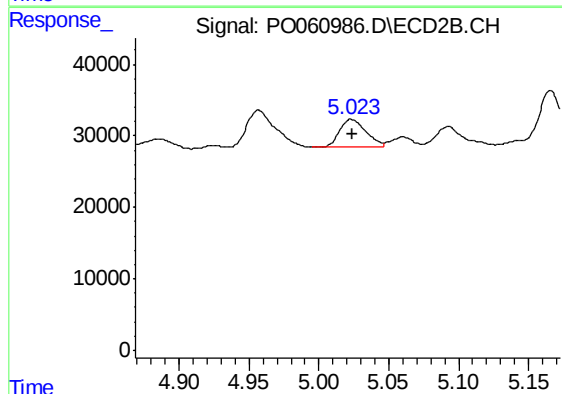
R.T.: 4.854 min
Delta R.T.: -0.003 min
Response: 30429
Conc: 30.21 ng/ml



#24 AR-1248-4

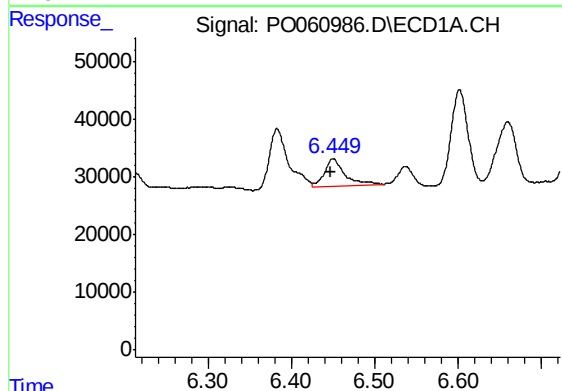
R.T.: 6.383 min
Delta R.T.: -0.027 min
Response: 159867
Conc: 87.75 ng/ml

Instrument :
ECD_O
ClientSampleId :
CSA-4-2



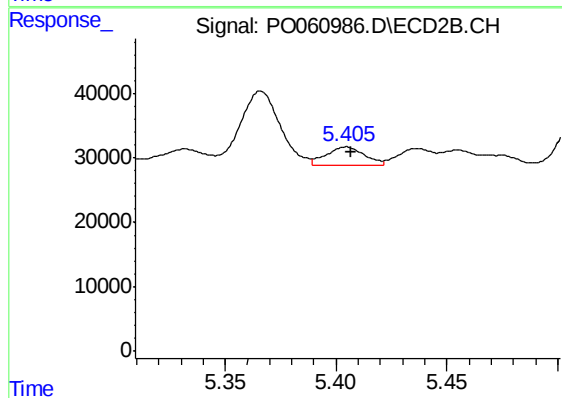
#24 AR-1248-4

R.T.: 5.023 min
Delta R.T.: 0.000 min
Response: 49804
Conc: 41.47 ng/ml



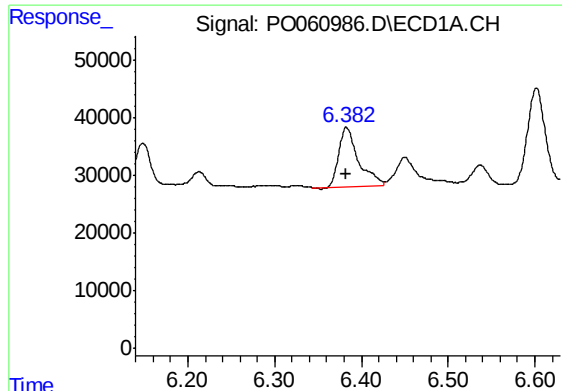
#25 AR-1248-5

R.T.: 6.450 min
Delta R.T.: 0.002 min
Response: 78968
Conc: 45.14 ng/ml



#25 AR-1248-5

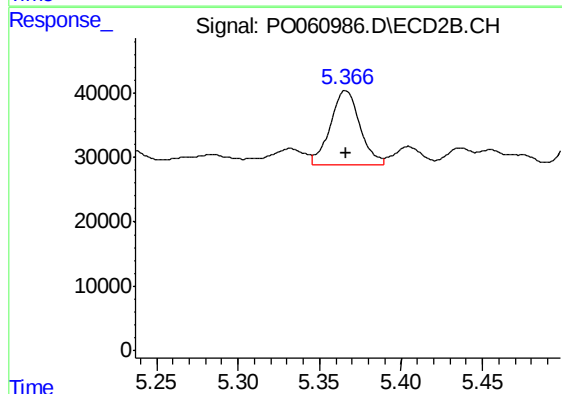
R.T.: 5.405 min
Delta R.T.: -0.002 min
Response: 34045
Conc: 26.93 ng/ml



#26 AR-1254-1

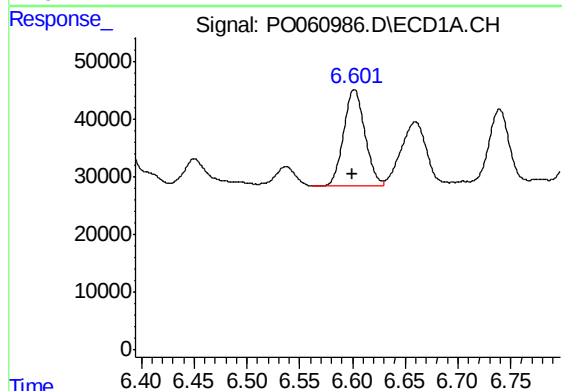
R.T.: 6.383 min
Delta R.T.: 0.000 min
Response: 159867
Conc: 82.98 ng/ml

Instrument :
ECD_O
ClientSampleId :
CSA-4-2



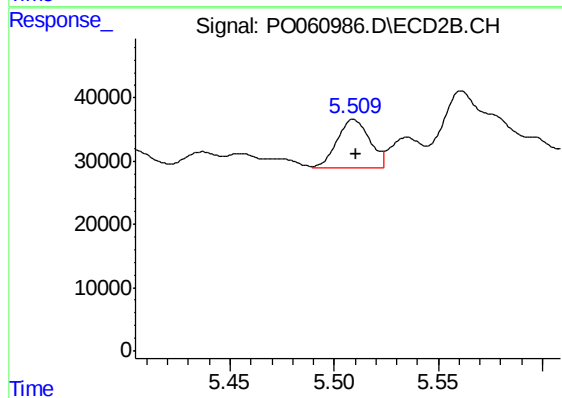
#26 AR-1254-1

R.T.: 5.366 min
Delta R.T.: 0.000 min
Response: 146419
Conc: 71.05 ng/ml



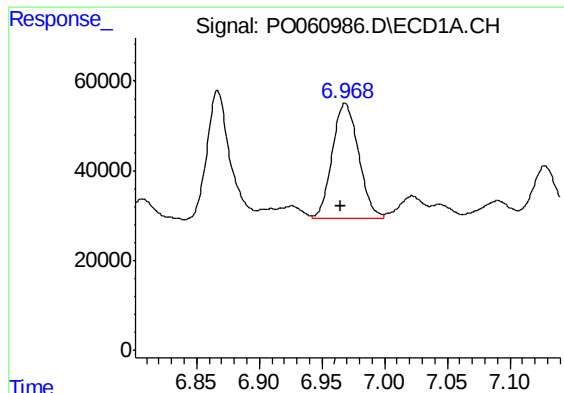
#27 AR-1254-2

R.T.: 6.602 min
Delta R.T.: 0.002 min
Response: 234730
Conc: 74.59 ng/ml



#27 AR-1254-2

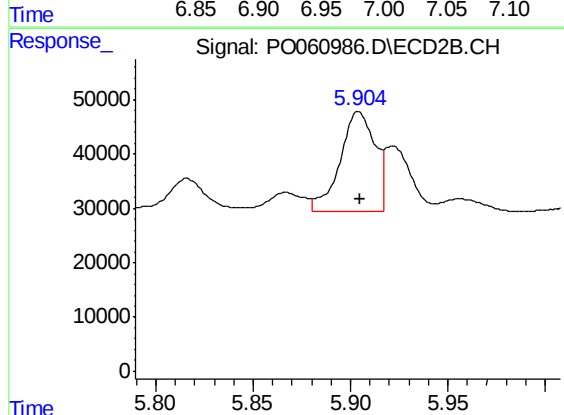
R.T.: 5.509 min
Delta R.T.: 0.000 min
Response: 82942
Conc: 43.95 ng/ml



#28 AR-1254-3

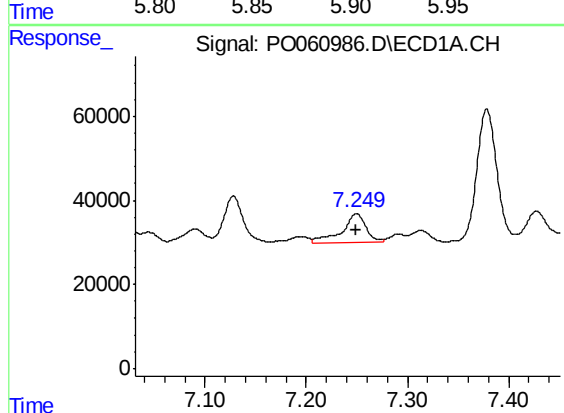
R.T.: 6.968 min
Delta R.T.: 0.003 min
Response: 375994
Conc: 106.76 ng/ml

Instrument :
ECD_O
ClientSampleId :
CSA-4-2



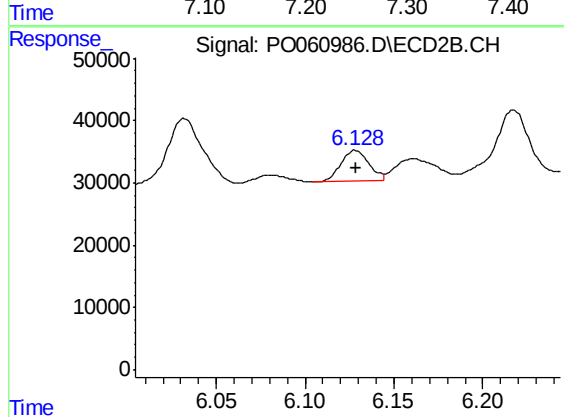
#28 AR-1254-3

R.T.: 5.904 min
Delta R.T.: 0.000 min
Response: 230545
Conc: 72.51 ng/ml



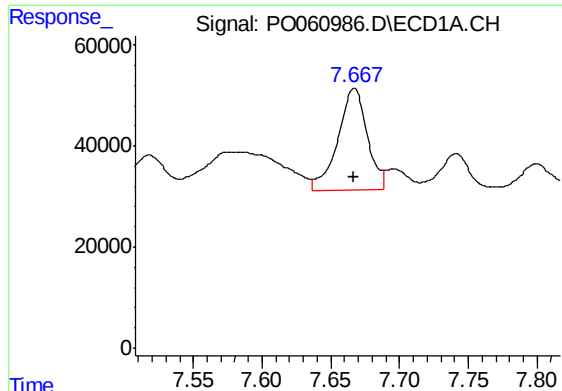
#29 AR-1254-4

R.T.: 7.250 min
Delta R.T.: 0.000 min
Response: 115812
Conc: 42.78 ng/ml



#29 AR-1254-4

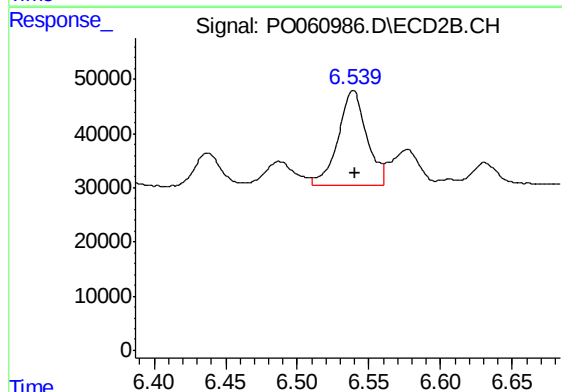
R.T.: 6.128 min
Delta R.T.: 0.000 min
Response: 55322
Conc: 26.57 ng/ml



#30 AR-1254-5

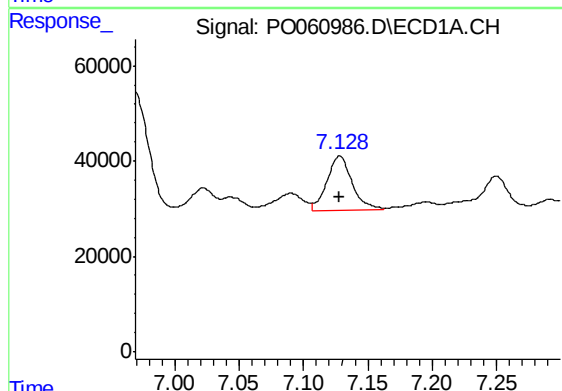
R.T.: 7.667 min
Delta R.T.: 0.000 min
Response: 301698
Conc: 102.31 ng/ml

Instrument :
ECD_O
ClientSampleId :
CSA-4-2



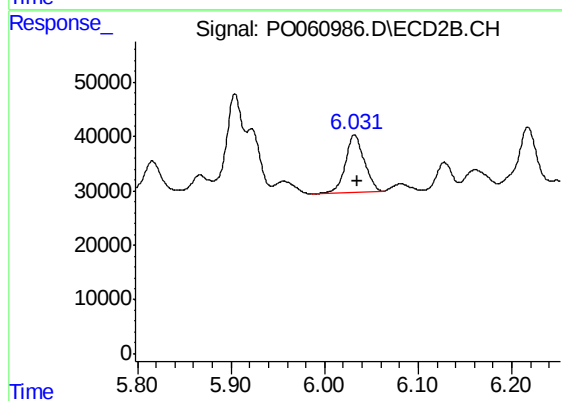
#30 AR-1254-5

R.T.: 6.539 min
Delta R.T.: -0.001 min
Response: 244314
Conc: 77.19 ng/ml



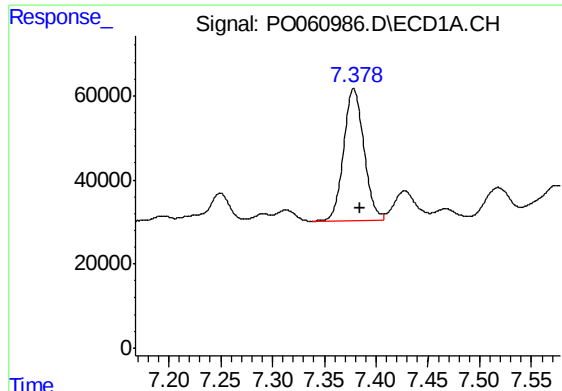
#31 AR-1260-1

R.T.: 7.128 min
Delta R.T.: 0.000 min
Response: 155828
Conc: 64.01 ng/ml



#31 AR-1260-1

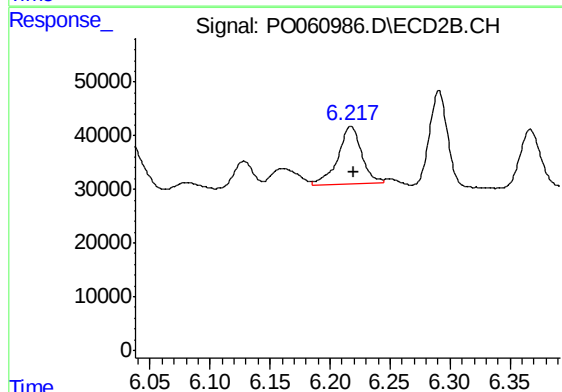
R.T.: 6.032 min
Delta R.T.: -0.003 min
Response: 149724
Conc: 71.18 ng/ml



#32 AR-1260-2

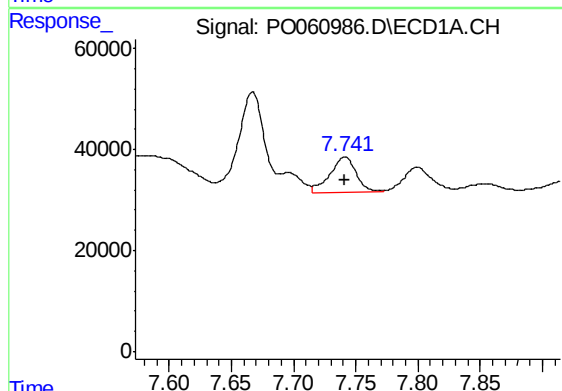
R.T.: 7.378 min
Delta R.T.: -0.006 min
Response: 428167
Conc: 141.62 ng/ml

Instrument :
ECD_O
ClientSampleId :
CSA-4-2



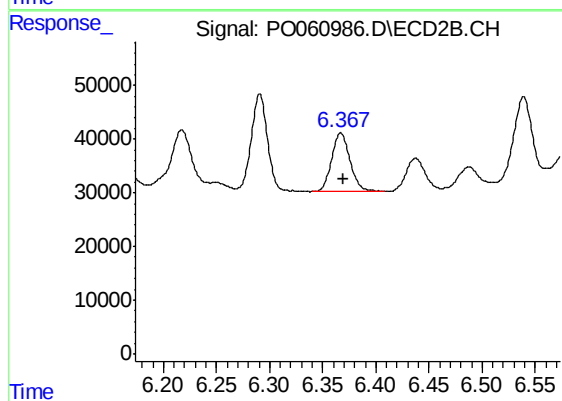
#32 AR-1260-2

R.T.: 6.217 min
Delta R.T.: -0.002 min
Response: 150891
Conc: 58.50 ng/ml



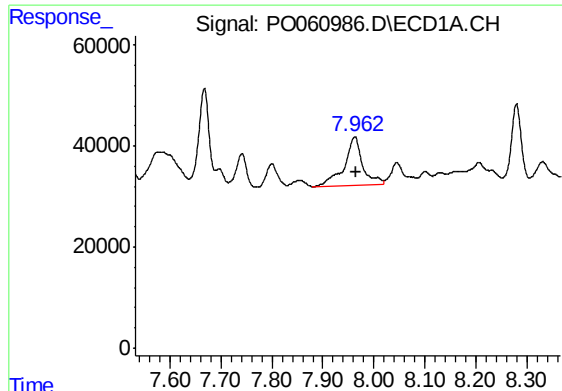
#33 AR-1260-3

R.T.: 7.741 min
Delta R.T.: 0.000 min
Response: 104761
Conc: 43.90 ng/ml



#33 AR-1260-3

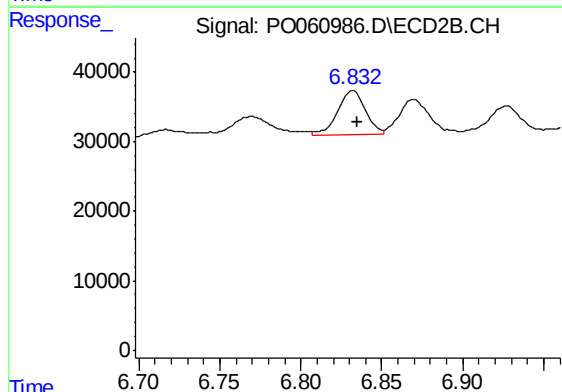
R.T.: 6.367 min
Delta R.T.: -0.003 min
Response: 132150
Conc: 54.88 ng/ml



#34 AR-1260-4

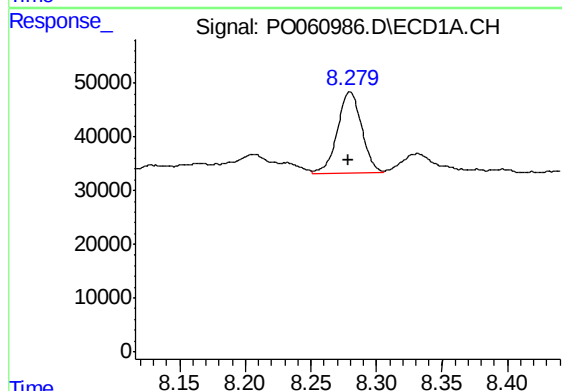
R.T.: 7.963 min
Delta R.T.: -0.003 min
Response: 241016
Conc: 86.15 ng/ml

Instrument :
ECD_O
ClientSampleId :
CSA-4-2



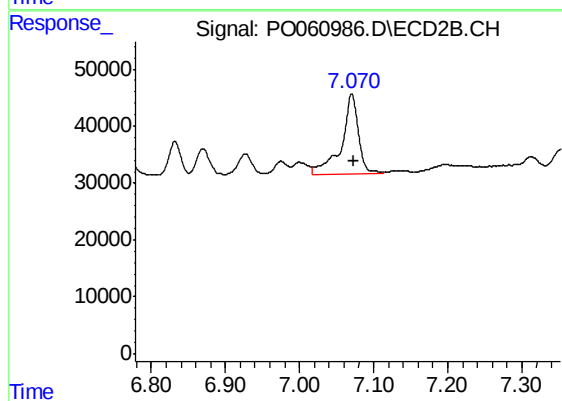
#34 AR-1260-4

R.T.: 6.832 min
Delta R.T.: -0.003 min
Response: 74676
Conc: 34.89 ng/ml



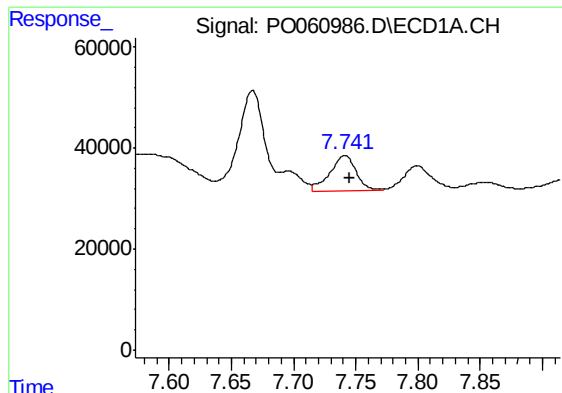
#35 AR-1260-5

R.T.: 8.280 min
Delta R.T.: 0.000 min
Response: 192750
Conc: 35.40 ng/ml



#35 AR-1260-5

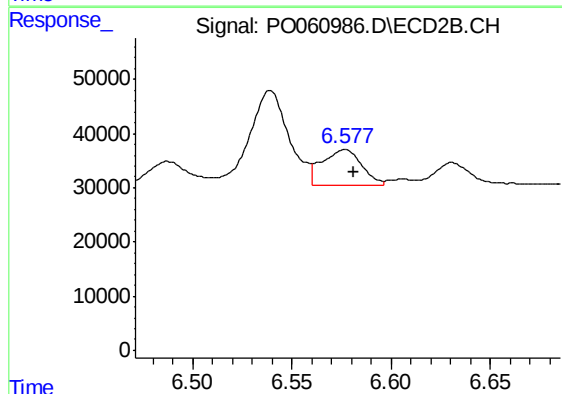
R.T.: 7.071 min
Delta R.T.: -0.003 min
Response: 221707
Conc: 45.88 ng/ml



#36 AR-1262-1

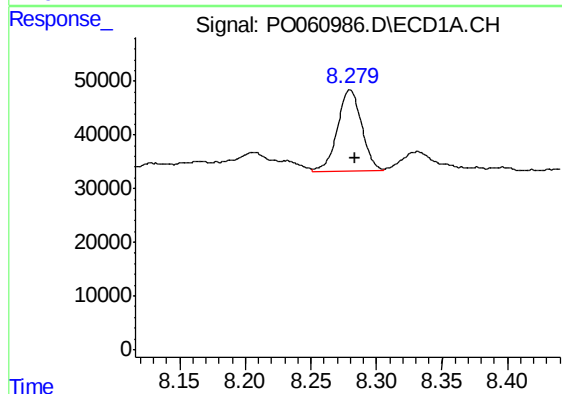
R.T.: 7.741 min
Delta R.T.: -0.004 min
Response: 104761
Conc: 29.66 ng/ml

Instrument :
ECD_O
ClientSampleId :
CSA-4-2



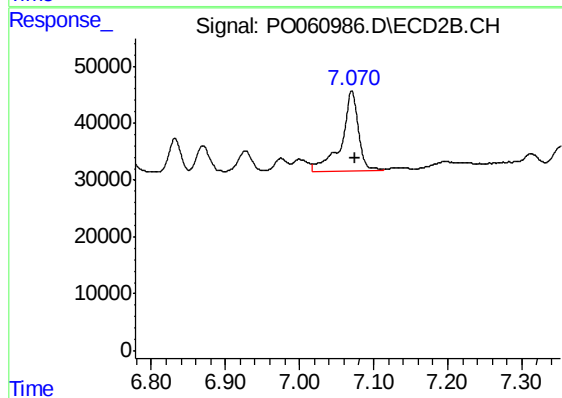
#36 AR-1262-1

R.T.: 6.577 min
Delta R.T.: -0.004 min
Response: 90703
Conc: 30.37 ng/ml



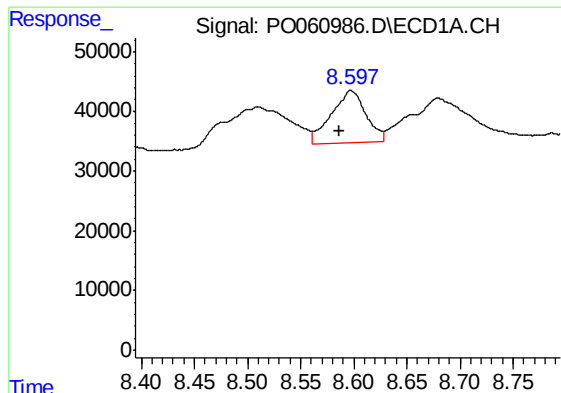
#37 AR-1262-2

R.T.: 8.280 min
Delta R.T.: -0.004 min
Response: 192750
Conc: 30.92 ng/ml



#37 AR-1262-2

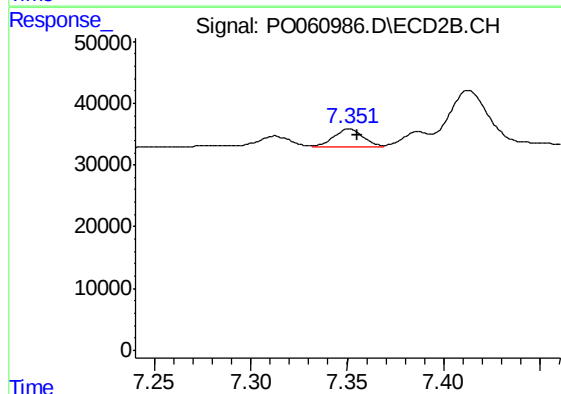
R.T.: 7.071 min
Delta R.T.: -0.004 min
Response: 221707
Conc: 42.64 ng/ml



#38 AR-1262-3

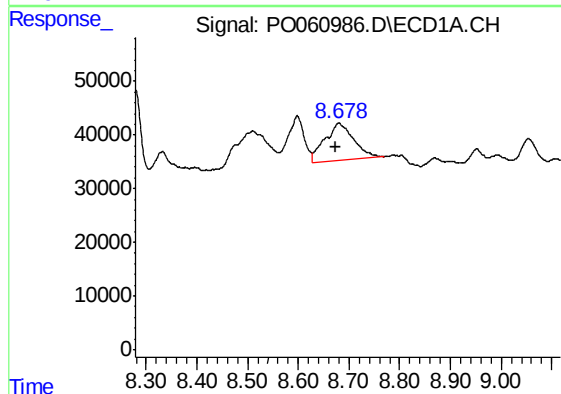
R.T.: 8.597 min
Delta R.T.: 0.011 min
Response: 200310
Conc: 47.01 ng/ml

Instrument :
ECD_O
ClientSampleId :
CSA-4-2



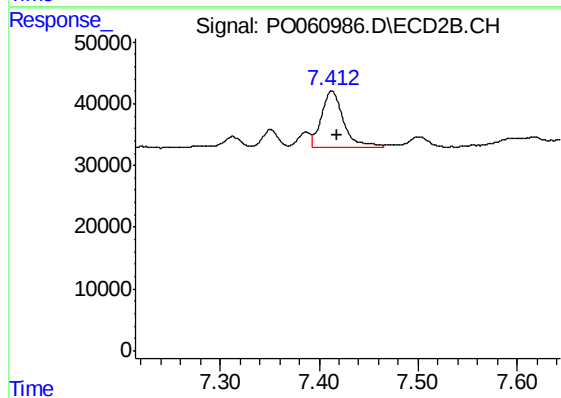
#38 AR-1262-3

R.T.: 7.351 min
Delta R.T.: -0.004 min
Response: 32285
Conc: 15.21 ng/ml



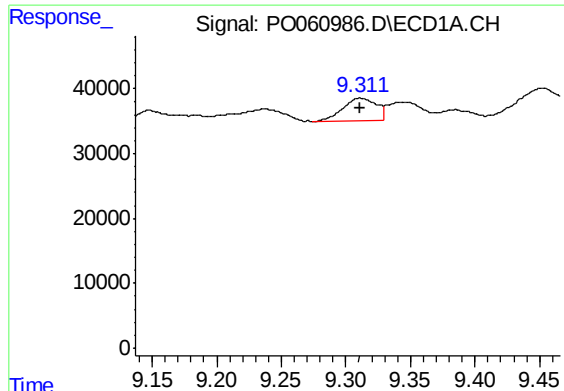
#39 AR-1262-4

R.T.: 8.679 min
Delta R.T.: 0.006 min
Response: 272924
Conc: 83.71 ng/ml



#39 AR-1262-4

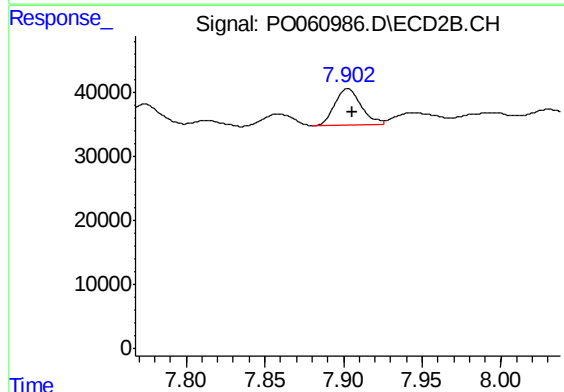
R.T.: 7.413 min
Delta R.T.: -0.005 min
Response: 143250
Conc: 37.51 ng/ml



#40 AR-1262-5

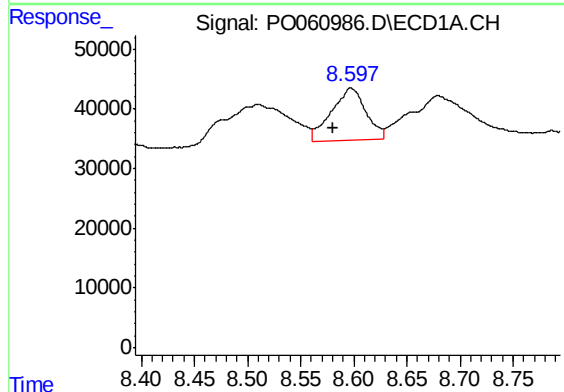
R.T.: 9.311 min
Delta R.T.: 0.000 min
Response: 61125
Conc: 30.06 ng/ml

Instrument :
ECD_O
ClientSampleId :
CSA-4-2



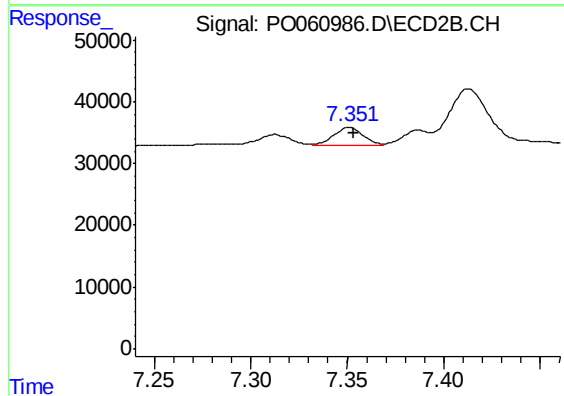
#40 AR-1262-5

R.T.: 7.903 min
Delta R.T.: -0.003 min
Response: 67887
Conc: 40.56 ng/ml



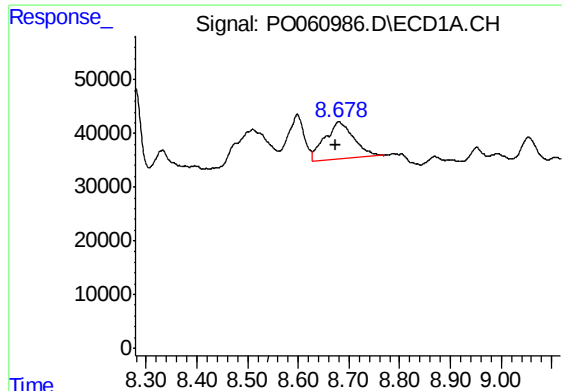
#41 AR-1268-1

R.T.: 8.597 min
Delta R.T.: 0.017 min
Response: 200310
Conc: 27.14 ng/ml



#41 AR-1268-1

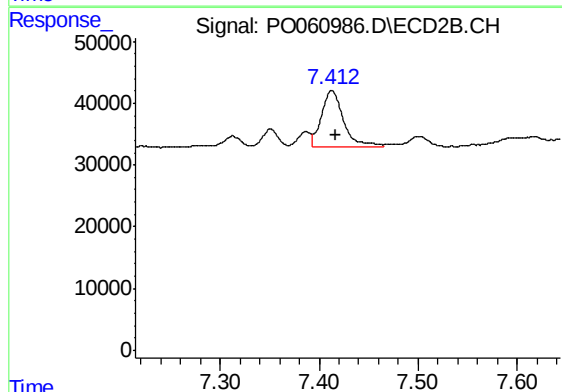
R.T.: 7.351 min
Delta R.T.: -0.002 min
Response: 32285
Conc: 5.51 ng/ml



#42 AR-1268-2

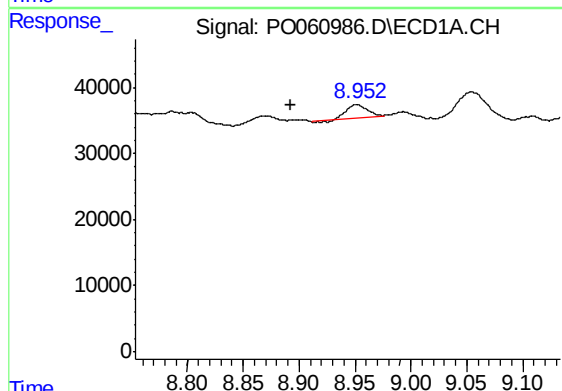
R.T.: 8.679 min
Delta R.T.: 0.006 min
Response: 272924
Conc: 40.40 ng/ml

Instrument :
ECD_O
ClientSampleId :
CSA-4-2



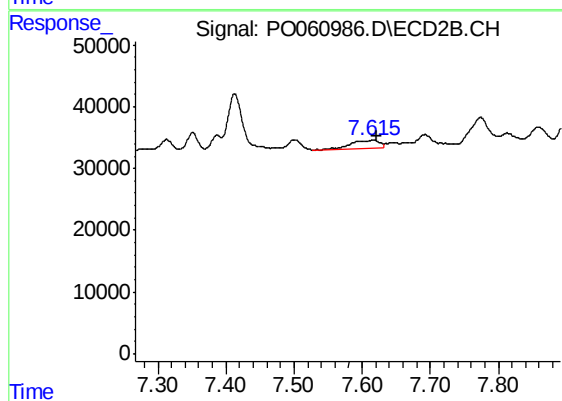
#42 AR-1268-2

R.T.: 7.413 min
Delta R.T.: -0.004 min
Response: 143250
Conc: 26.88 ng/ml



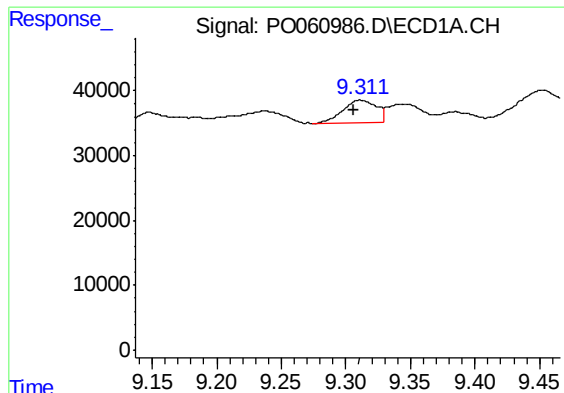
#43 AR-1268-3

R.T.: 8.952 min
Delta R.T.: 0.059 min
Response: 24546
Conc: 4.37 ng/ml



#43 AR-1268-3

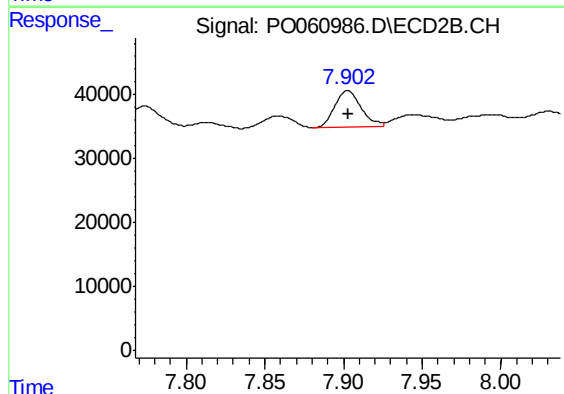
R.T.: 7.616 min
Delta R.T.: -0.006 min
Response: 35518
Conc: 8.01 ng/ml



#44 AR-1268-4

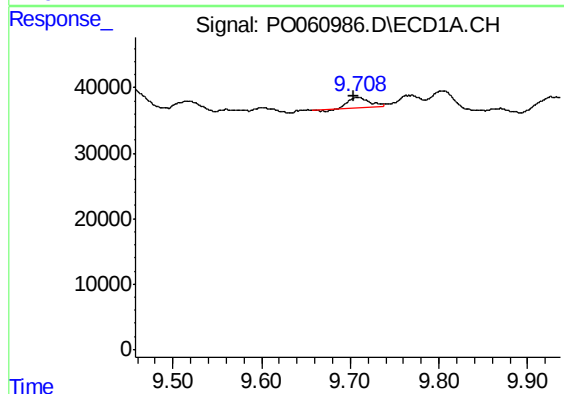
R.T.: 9.311 min
Delta R.T.: 0.005 min
Response: 61125
Conc: 26.50 ng/ml

Instrument :
ECD_O
ClientSampleId :
CSA-4-2



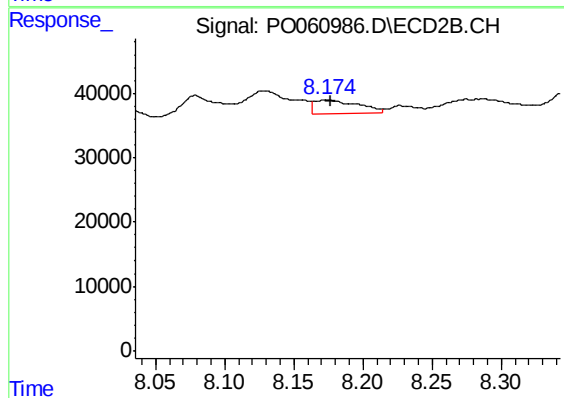
#44 AR-1268-4

R.T.: 7.903 min
Delta R.T.: 0.000 min
Response: 67887
Conc: 35.53 ng/ml



#45 AR-1268-5

R.T.: 9.709 min
Delta R.T.: 0.005 min
Response: 25860
Conc: 1.63 ng/ml



#45 AR-1268-5

R.T.: 8.174 min
Delta R.T.: -0.003 min
Response: 47523
Conc: 3.95 ng/ml