

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_O\Data\P0082319\
 Data File : P0059789.D
 Signal(s) : Signal #1: ECD1A.CH Signal #2: ECD2B.CH
 Acq On : 24 Aug 2019 3:16
 Operator : SM/AJ
 Sample : K4493-10
 Misc :
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 ECD_O
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 24 04:36:28 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Aug 17 03:09:44 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...	4.152	3.497	134320	720092	3.836	20.005 #
2)	SA Decachlor...	9.594	8.356	630307	583169	11.848	14.463
Target Compounds							
3)	L1 AR-1016-1	5.281	4.548	15765	14044	9.830	10.388
4)	L1 AR-1016-2	5.281	4.574	15765	21844	6.589	10.905 #
5)	L1 AR-1016-3	5.338	4.780	6321	18564	4.244	17.159 #
6)	L1 AR-1016-4	5.458	4.780	100776	18564	83.303	20.558 #
7)	L1 AR-1016-5	5.736	4.988	29819	5553	23.221	4.820 #
8)	L2 AR-1221-1	4.346	3.715	94782	102606	223.821	255.630
9)	L2 AR-1221-2	4.470	3.788	98683	10375	303.832	34.059 #
10)	L2 AR-1221-3	4.520	3.905	46204	89559	43.926	91.532 #
11)	L3 AR-1232-1	4.520	3.905	46204	89559	37.069	78.552 #
12)	L3 AR-1232-2	4.998	4.574	154121	21844	218.180	17.152 #
13)	L3 AR-1232-3	5.338	4.780	6321	18564	4.128	27.263 #
14)	L3 AR-1232-4	5.458	4.862	100776	54996	128.890	90.148 #
15)	L3 AR-1232-5	5.576	4.988	7025	5553	11.686	8.157 #
16)	L4 AR-1242-1	5.281	4.574	15765	21844	12.418	21.235 #
17)	L4 AR-1242-2	5.338	4.574	6321	21844	3.406	14.342 #
18)	L4 AR-1242-3	5.399	4.780	7788	18564	6.663	22.219 #
19)	L4 AR-1242-4	5.458	4.862	100776	54996	104.121	65.912 #
20)	L4 AR-1242-5	6.180	5.327	28527	103613	22.702	92.627 #
21)	L5 AR-1248-1	5.281	4.548	15765	14044	15.725	16.961
22)	L5 AR-1248-2	5.531	4.780	24909	18564	17.168	16.099
23)	L5 AR-1248-3	5.736	4.804	29819	86364	17.941	72.712 #
24)	L5 AR-1248-4	6.111	4.988	106336	5553	52.021	3.821 #
25)	L5 AR-1248-5	6.180	5.398	28527	36119	14.385	25.235 #
26)	L6 AR-1254-1	6.111	5.327	106336	103613	50.966	43.685
27)	L6 AR-1254-2	6.327	5.472	129736	66561	38.887	31.721
28)	L6 AR-1254-3	6.691	5.868	186484	185267	52.553	55.098
29)	L6 AR-1254-4	6.974	6.095	104775	50195	35.571	24.345 #
30)	L6 AR-1254-5	7.389	6.502	433359	358518	140.137	115.466
31)	L7 AR-1260-1	6.849	5.993	259108	201516	96.115	88.427
32)	L7 AR-1260-2	7.104	6.201	241439	542359	65.070	185.113 #
33)	L7 AR-1260-3	7.459	6.329	252017	151263	76.920	57.099 #
34)	L7 AR-1260-4	7.683	6.792	393808	131948	128.221	58.318 #
35)	L7 AR-1260-5	7.993	7.035	532137	387736	75.151	70.455
36)	L8 AR-1262-1	7.516	6.535	124592	206484	25.674	55.394 #
37)	L8 AR-1262-2	8.038	7.035	120240	387736	15.583	65.952 #
38)	L8 AR-1262-3	8.294	7.308	533509	105501	104.562	41.520 #
39)	L8 AR-1262-4	8.340	7.374	309666	309902	80.334	70.130
40)	L8 AR-1262-5	8.948	7.938	301400	-21704	117.433	N.D. #
41)	L9 AR-1268-1	8.294	7.308	533509	105501	56.692	14.816 #

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Acq On : 24 Aug 2019 3:16
Operator : SM/AJ
Sample : K4493-10
Misc :
ALS Vial : 63 Sample Multiplier: 1

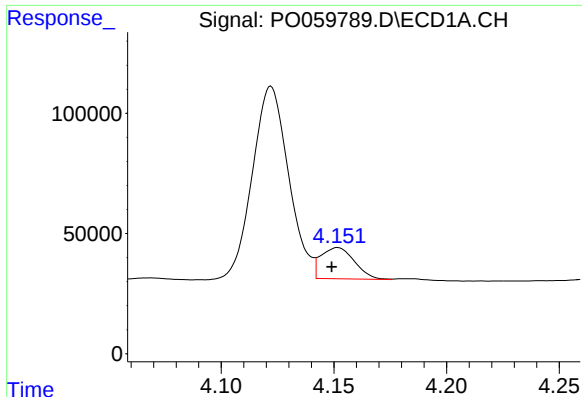
Instrument :
ECD_O
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 24 04:36:28 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_O\methods\P0081719.M
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Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42)	L9 AR-1268-2	8.340	7.374	309666	309902	39.284	48.062
43)	L9 AR-1268-3	8.601	7.572	60190	20469	8.539	3.741 #
44)	L9 AR-1268-4	8.948	7.938	301400	-21704	108.415	N.D. #
45)	L9 AR-1268-5	9.309	8.132	134870	23240	7.313	1.600 #

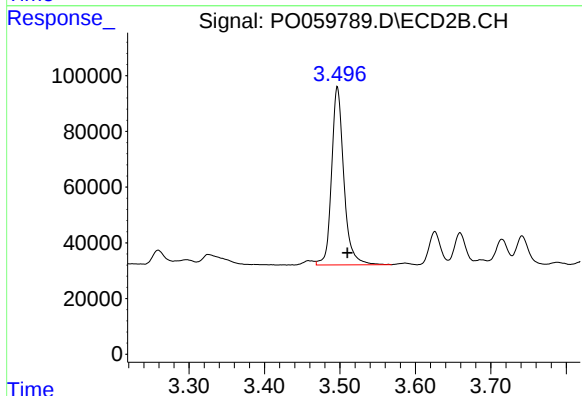
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

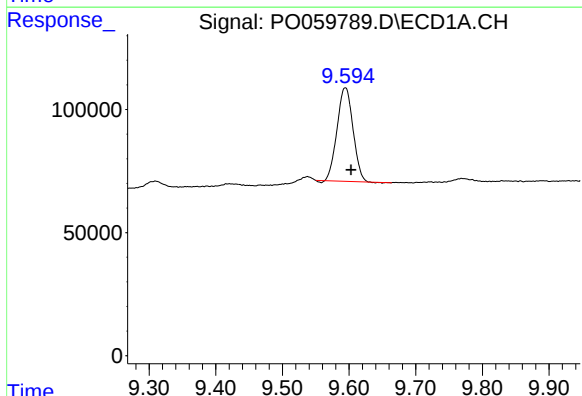
R.T.: 4.152 min
Delta R.T.: 0.003 min
Response: 134320
Conc: 3.84 ng/ml

Instrument :
ECD_O
ClientSampleId :



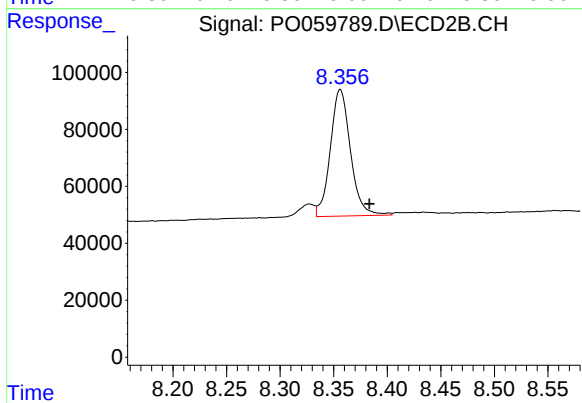
#1 Tetrachloro-m-xylene

R.T.: 3.497 min
Delta R.T.: -0.013 min
Response: 720092
Conc: 20.00 ng/ml



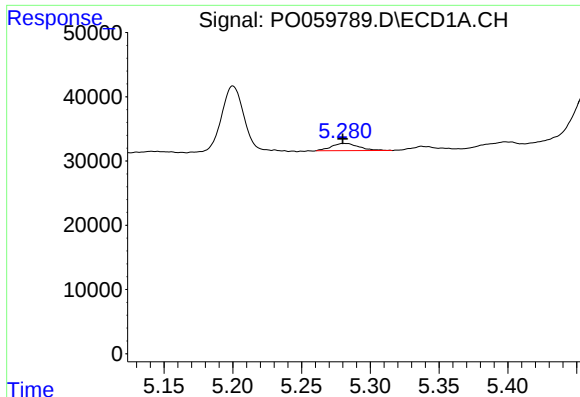
#2 Decachlorobiphenyl

R.T.: 9.594 min
Delta R.T.: -0.009 min
Response: 630307
Conc: 11.85 ng/ml



#2 Decachlorobiphenyl

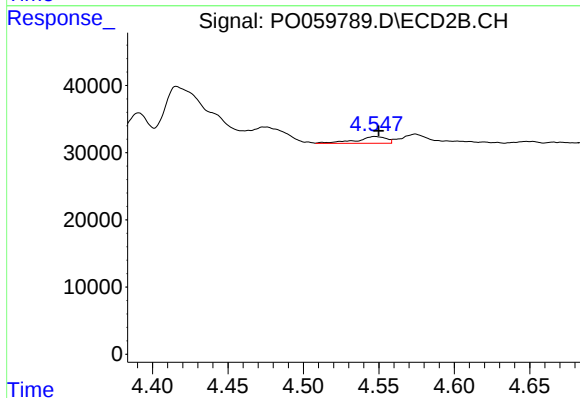
R.T.: 8.356 min
Delta R.T.: -0.027 min
Response: 583169
Conc: 14.46 ng/ml



#3 AR-1016-1

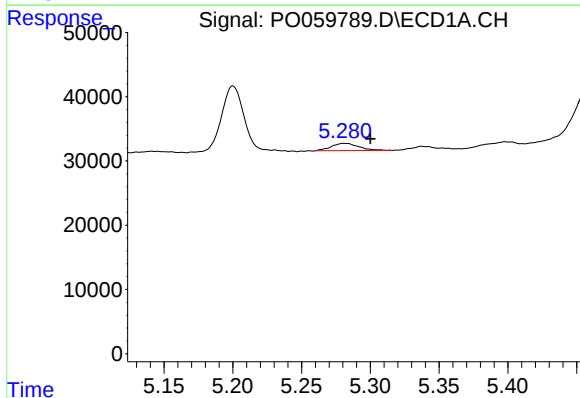
R.T.: 5.281 min
Delta R.T.: 0.001 min
Response: 15765
Conc: 9.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



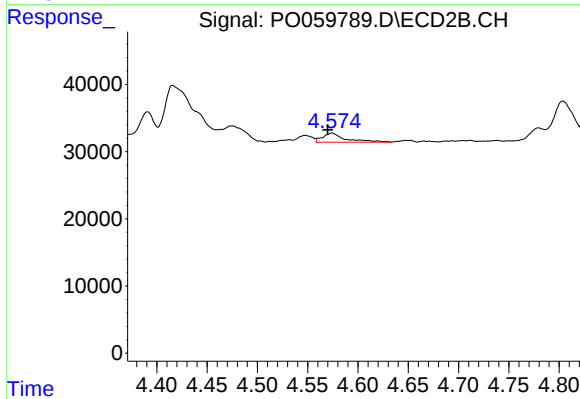
#3 AR-1016-1

R.T.: 4.548 min
Delta R.T.: -0.002 min
Response: 14044
Conc: 10.39 ng/ml



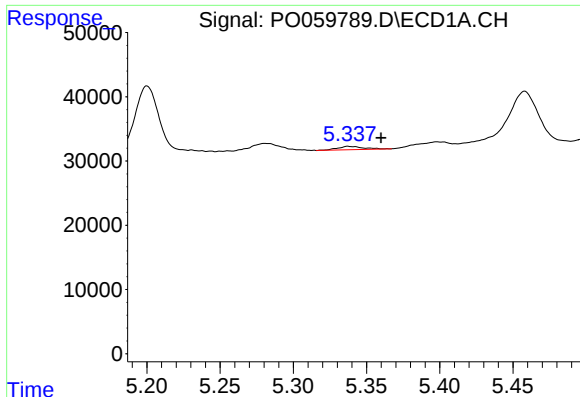
#4 AR-1016-2

R.T.: 5.281 min
Delta R.T.: -0.019 min
Response: 15765
Conc: 6.59 ng/ml



#4 AR-1016-2

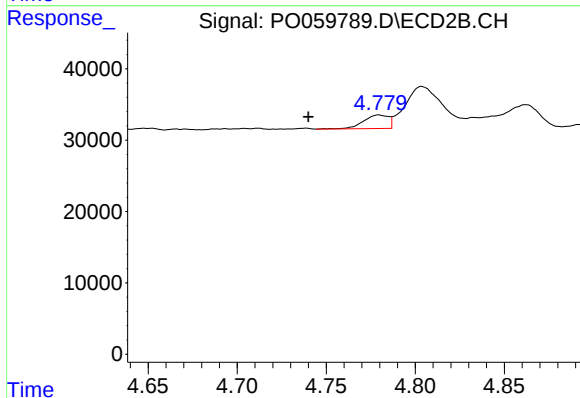
R.T.: 4.574 min
Delta R.T.: 0.004 min
Response: 21844
Conc: 10.91 ng/ml



#5 AR-1016-3

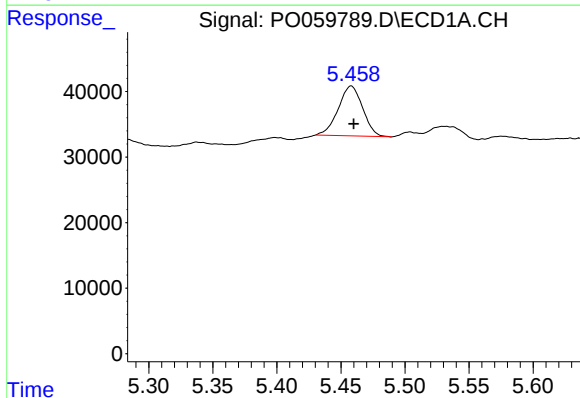
R.T.: 5.338 min
Delta R.T.: -0.022 min
Response: 6321
Conc: 4.24 ng/ml

Instrument :
ECD_O
ClientSampleId :



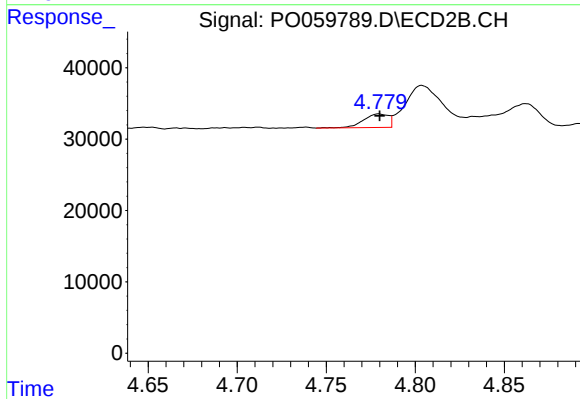
#5 AR-1016-3

R.T.: 4.780 min
Delta R.T.: 0.040 min
Response: 18564
Conc: 17.16 ng/ml



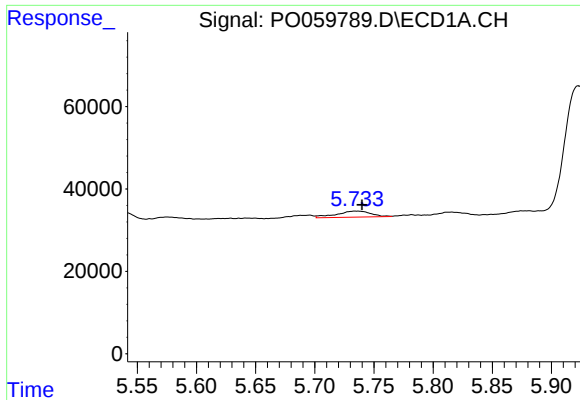
#6 AR-1016-4

R.T.: 5.458 min
Delta R.T.: -0.002 min
Response: 100776
Conc: 83.30 ng/ml



#6 AR-1016-4

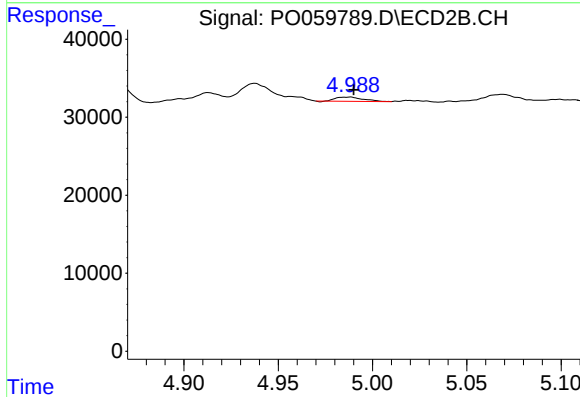
R.T.: 4.780 min
Delta R.T.: 0.000 min
Response: 18564
Conc: 20.56 ng/ml



#7 AR-1016-5

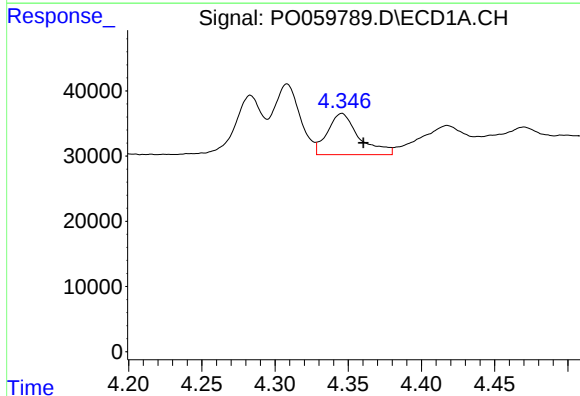
R.T.: 5.736 min
Delta R.T.: -0.004 min
Response: 29819
Conc: 23.22 ng/ml

Instrument :
ECD_O
ClientSampleId :



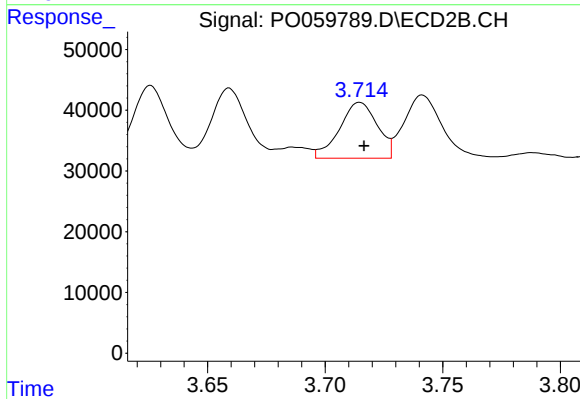
#7 AR-1016-5

R.T.: 4.988 min
Delta R.T.: -0.002 min
Response: 5553
Conc: 4.82 ng/ml



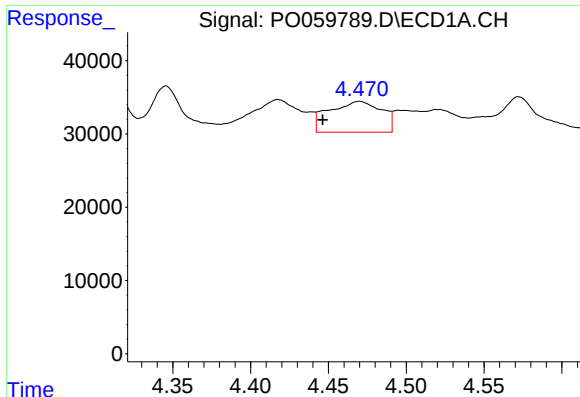
#8 AR-1221-1

R.T.: 4.346 min
Delta R.T.: -0.015 min
Response: 94782
Conc: 223.82 ng/ml



#8 AR-1221-1

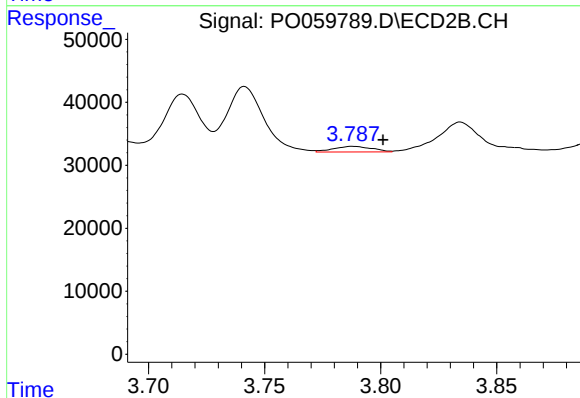
R.T.: 3.715 min
Delta R.T.: -0.002 min
Response: 102606
Conc: 255.63 ng/ml



#9 AR-1221-2

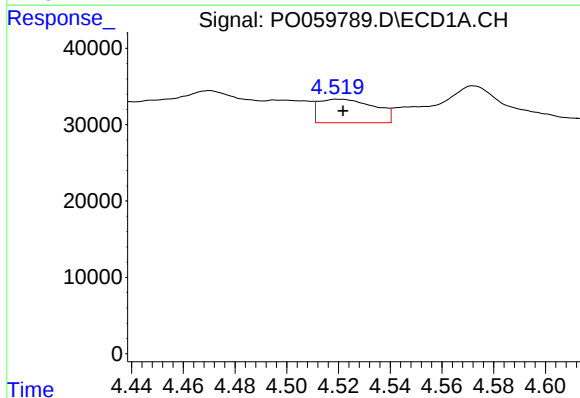
R.T.: 4.470 min
Delta R.T.: 0.024 min
Response: 98683
Conc: 303.83 ng/ml

Instrument :
ECD_O
ClientSampleId :



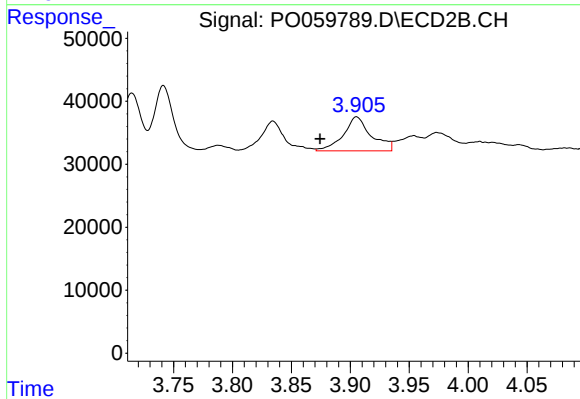
#9 AR-1221-2

R.T.: 3.788 min
Delta R.T.: -0.013 min
Response: 10375
Conc: 34.06 ng/ml



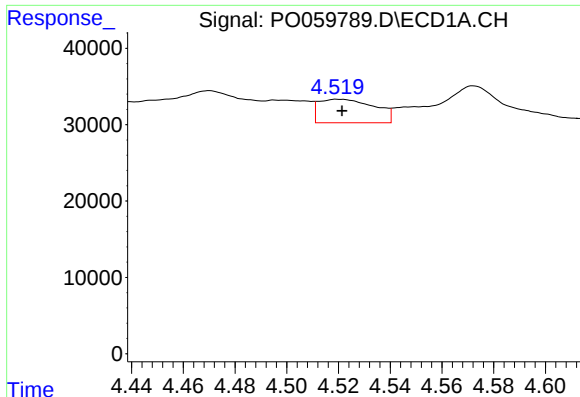
#10 AR-1221-3

R.T.: 4.520 min
Delta R.T.: -0.002 min
Response: 46204
Conc: 43.93 ng/ml



#10 AR-1221-3

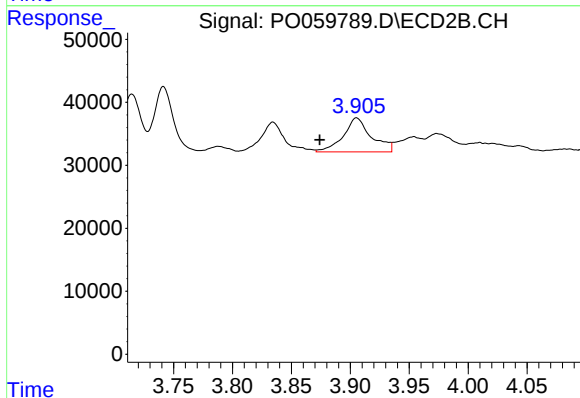
R.T.: 3.905 min
Delta R.T.: 0.031 min
Response: 89559
Conc: 91.53 ng/ml



#11 AR-1232-1

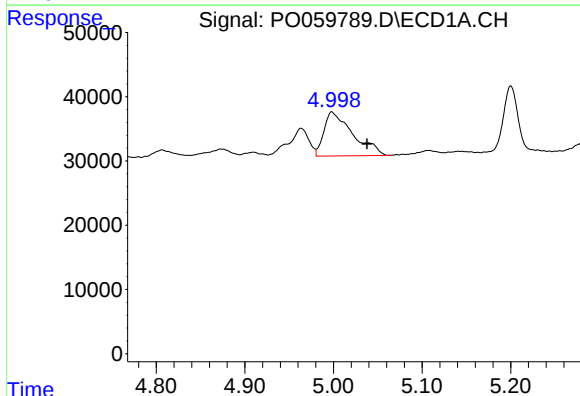
R.T.: 4.520 min
Delta R.T.: -0.001 min
Response: 46204
Conc: 37.07 ng/ml

Instrument :
ECD_O
ClientSampleId :



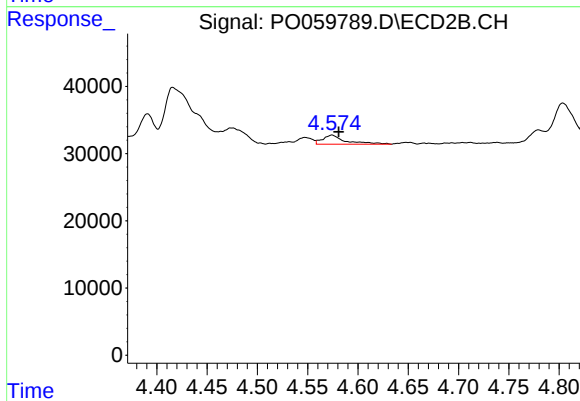
#11 AR-1232-1

R.T.: 3.905 min
Delta R.T.: 0.031 min
Response: 89559
Conc: 78.55 ng/ml



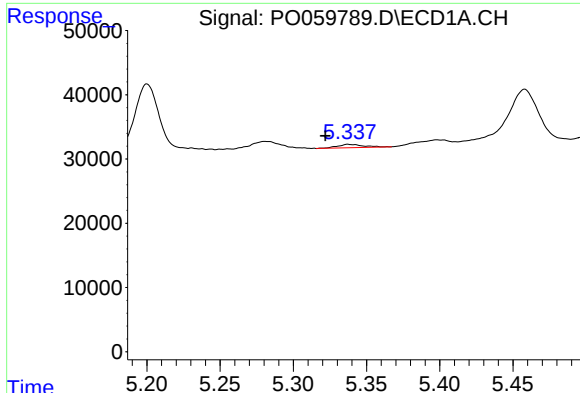
#12 AR-1232-2

R.T.: 4.998 min
Delta R.T.: -0.040 min
Response: 154121
Conc: 218.18 ng/ml



#12 AR-1232-2

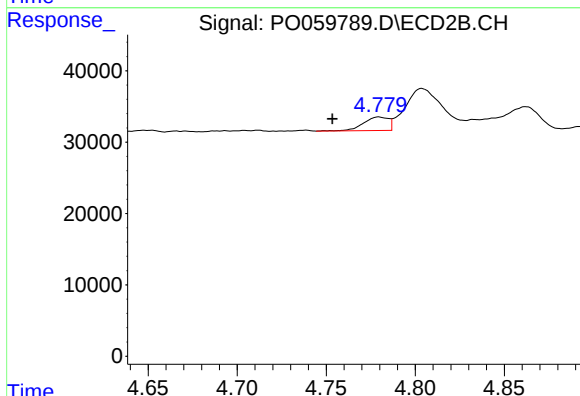
R.T.: 4.574 min
Delta R.T.: -0.007 min
Response: 21844
Conc: 17.15 ng/ml



#13 AR-1232-3

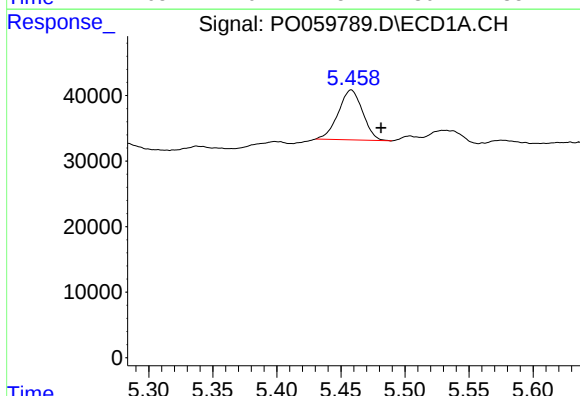
R.T.: 5.338 min
Delta R.T.: 0.016 min
Response: 6321
Conc: 4.13 ng/ml

Instrument :
ECD_O
ClientSampleId :



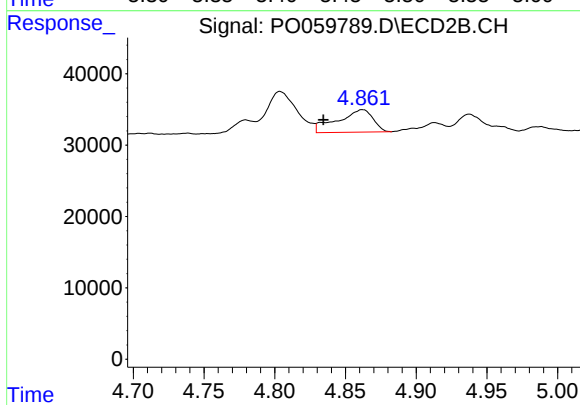
#13 AR-1232-3

R.T.: 4.780 min
Delta R.T.: 0.026 min
Response: 18564
Conc: 27.26 ng/ml



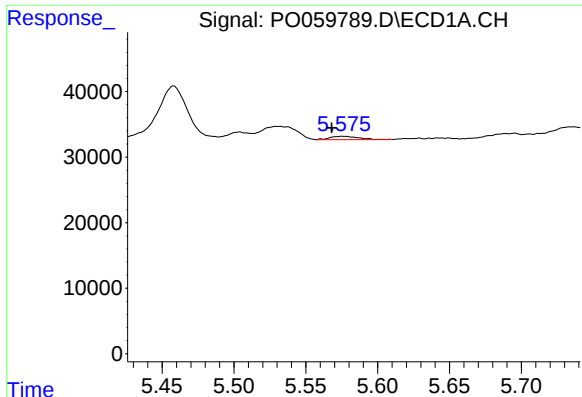
#14 AR-1232-4

R.T.: 5.458 min
Delta R.T.: -0.023 min
Response: 100776
Conc: 128.89 ng/ml



#14 AR-1232-4

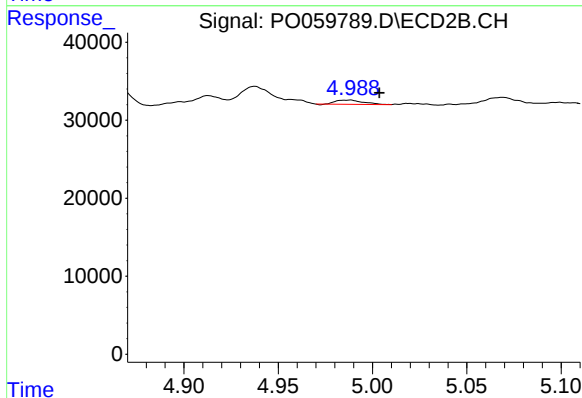
R.T.: 4.862 min
Delta R.T.: 0.028 min
Response: 54996
Conc: 90.15 ng/ml



#15 AR-1232-5

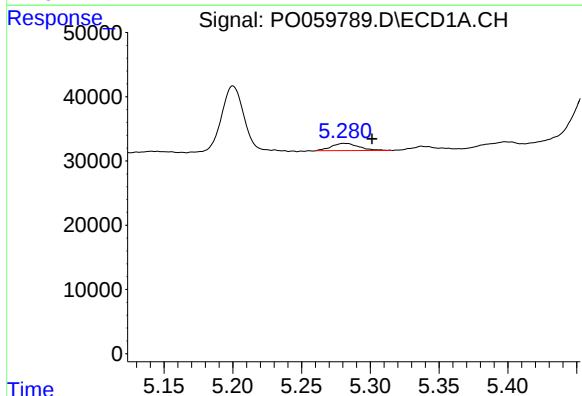
R.T.: 5.576 min
Delta R.T.: 0.008 min
Response: 7025
Conc: 11.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



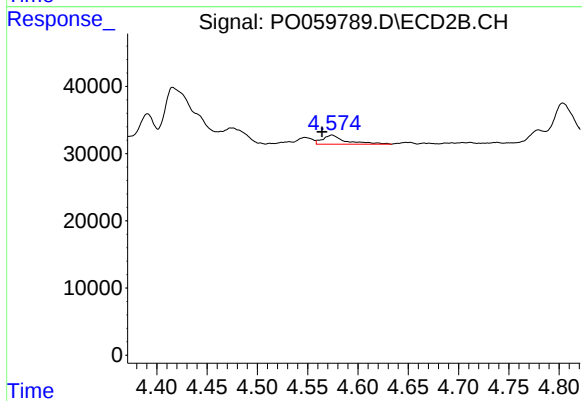
#15 AR-1232-5

R.T.: 4.988 min
Delta R.T.: -0.016 min
Response: 5553
Conc: 8.16 ng/ml



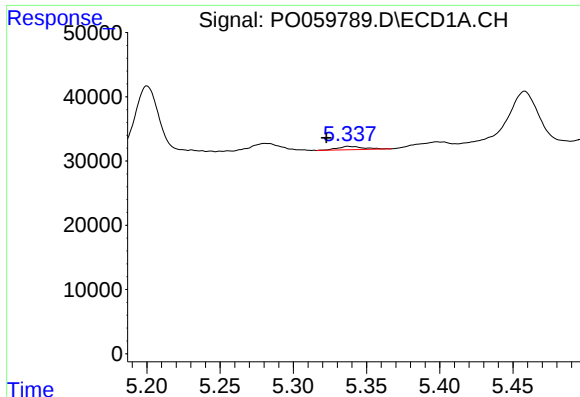
#16 AR-1242-1

R.T.: 5.281 min
Delta R.T.: -0.020 min
Response: 15765
Conc: 12.42 ng/ml



#16 AR-1242-1

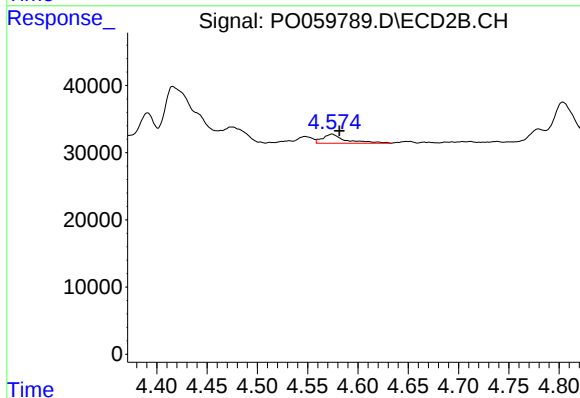
R.T.: 4.574 min
Delta R.T.: 0.010 min
Response: 21844
Conc: 21.24 ng/ml



#17 AR-1242-2

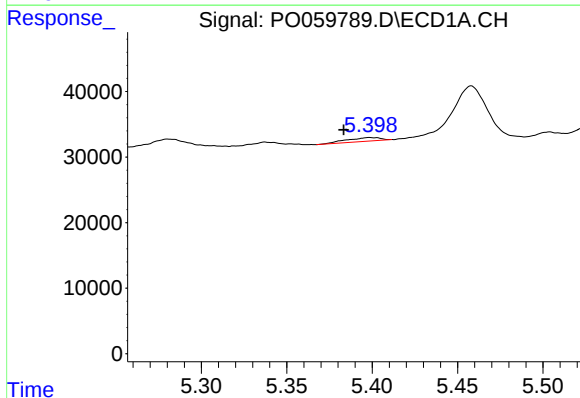
R.T.: 5.338 min
Delta R.T.: 0.015 min
Response: 6321
Conc: 3.41 ng/ml

Instrument :
ECD_O
ClientSampleId :



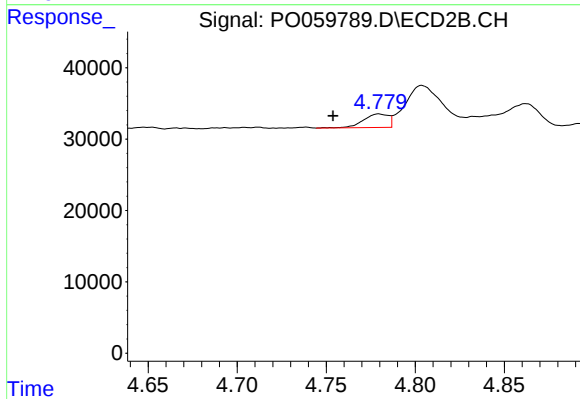
#17 AR-1242-2

R.T.: 4.574 min
Delta R.T.: -0.007 min
Response: 21844
Conc: 14.34 ng/ml



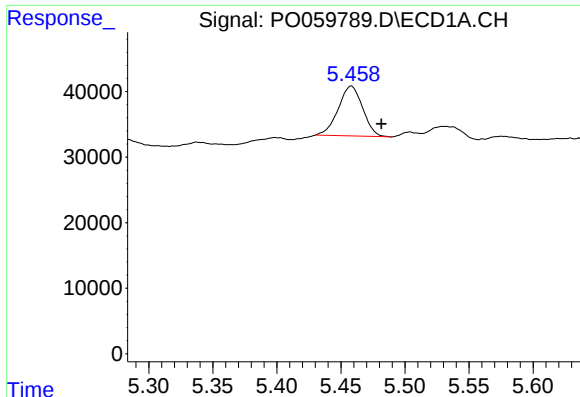
#18 AR-1242-3

R.T.: 5.399 min
Delta R.T.: 0.015 min
Response: 7788
Conc: 6.66 ng/ml



#18 AR-1242-3

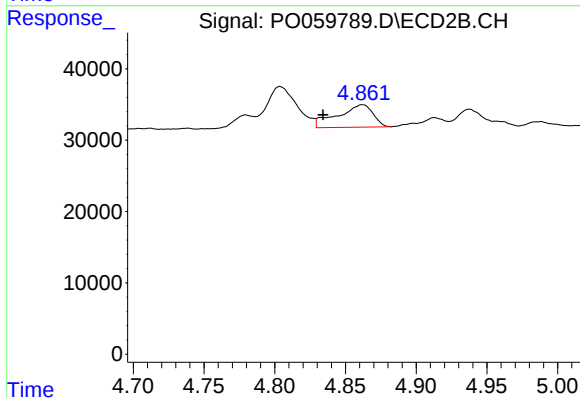
R.T.: 4.780 min
Delta R.T.: 0.026 min
Response: 18564
Conc: 22.22 ng/ml



#19 AR-1242-4

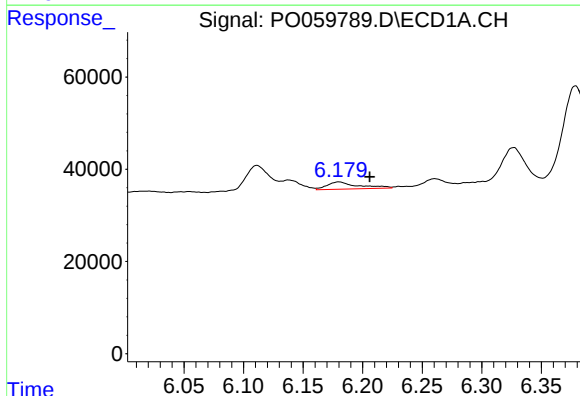
R.T.: 5.458 min
Delta R.T.: -0.024 min
Response: 100776
Conc: 104.12 ng/ml

Instrument :
ECD_O
ClientSampleId :



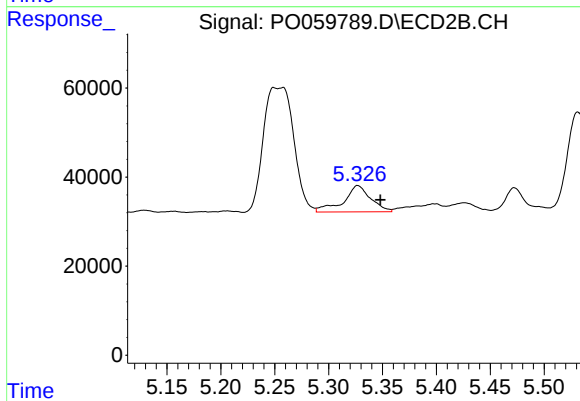
#19 AR-1242-4

R.T.: 4.862 min
Delta R.T.: 0.028 min
Response: 54996
Conc: 65.91 ng/ml



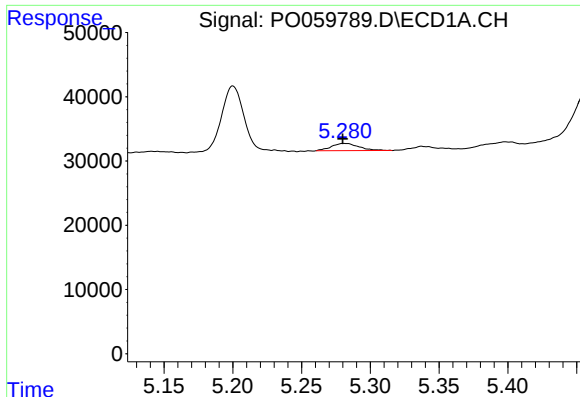
#20 AR-1242-5

R.T.: 6.180 min
Delta R.T.: -0.026 min
Response: 28527
Conc: 22.70 ng/ml



#20 AR-1242-5

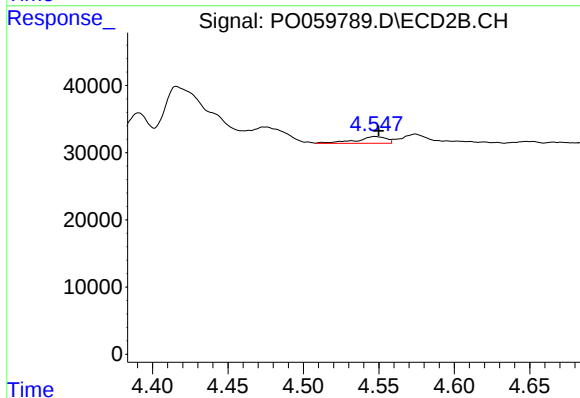
R.T.: 5.327 min
Delta R.T.: -0.021 min
Response: 103613
Conc: 92.63 ng/ml



#21 AR-1248-1

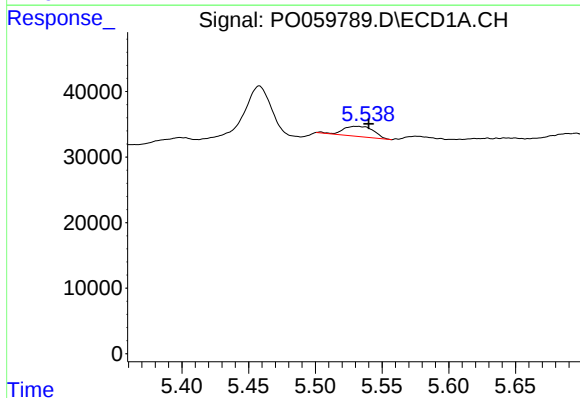
R.T.: 5.281 min
Delta R.T.: 0.001 min
Response: 15765
Conc: 15.73 ng/ml

Instrument :
ECD_O
ClientSampleId :



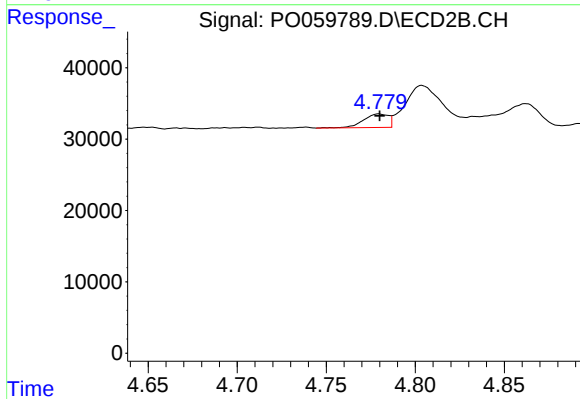
#21 AR-1248-1

R.T.: 4.548 min
Delta R.T.: -0.002 min
Response: 14044
Conc: 16.96 ng/ml



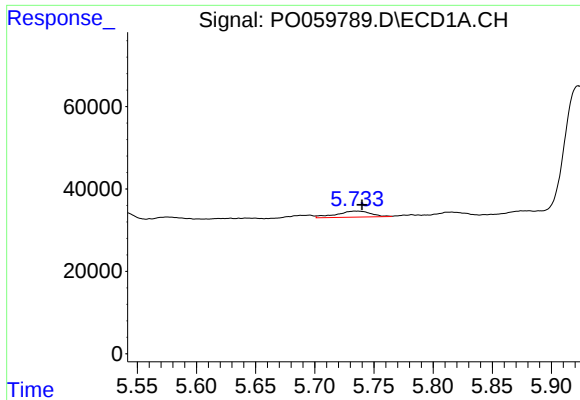
#22 AR-1248-2

R.T.: 5.531 min
Delta R.T.: -0.009 min
Response: 24909
Conc: 17.17 ng/ml



#22 AR-1248-2

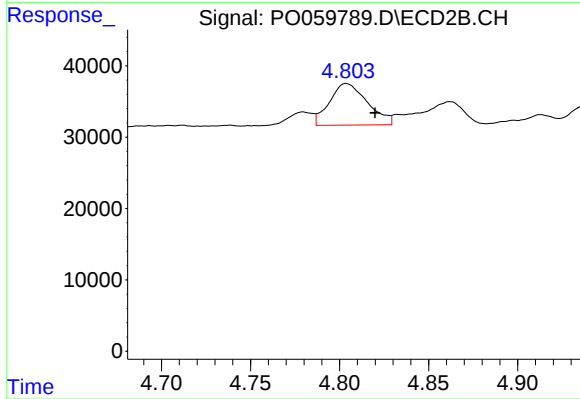
R.T.: 4.780 min
Delta R.T.: 0.000 min
Response: 18564
Conc: 16.10 ng/ml



#23 AR-1248-3

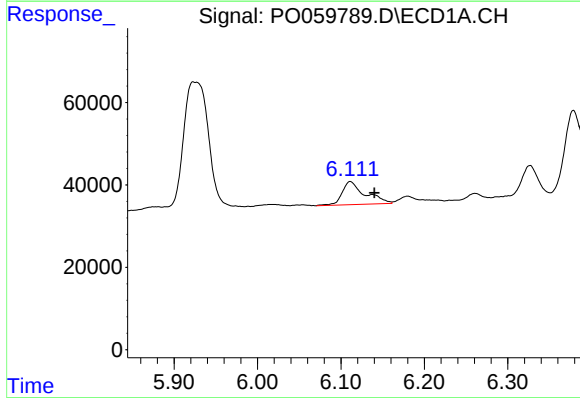
R.T.: 5.736 min
Delta R.T.: -0.004 min
Response: 29819
Conc: 17.94 ng/ml

Instrument :
ECD_O
ClientSampleId :



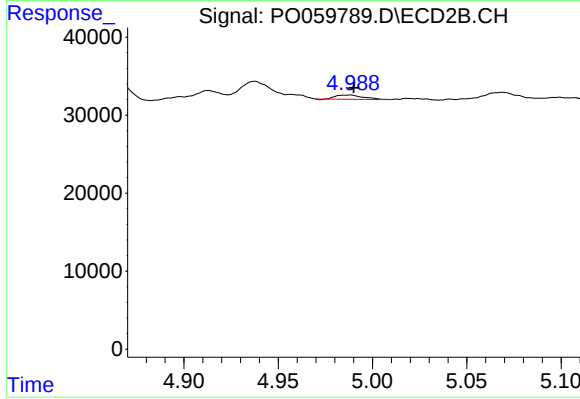
#23 AR-1248-3

R.T.: 4.804 min
Delta R.T.: -0.016 min
Response: 86364
Conc: 72.71 ng/ml



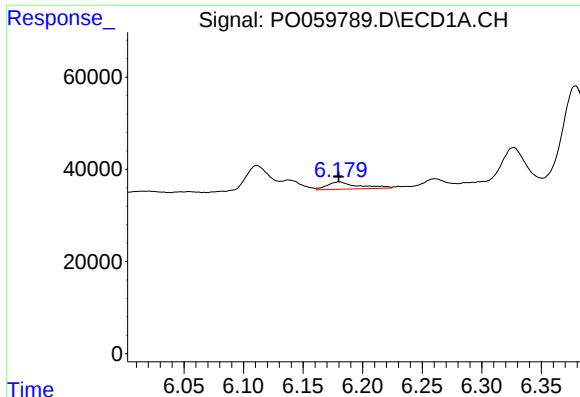
#24 AR-1248-4

R.T.: 6.111 min
Delta R.T.: -0.029 min
Response: 106336
Conc: 52.02 ng/ml



#24 AR-1248-4

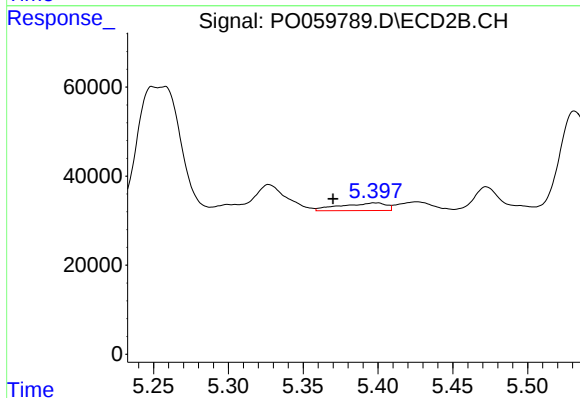
R.T.: 4.988 min
Delta R.T.: -0.002 min
Response: 5553
Conc: 3.82 ng/ml



#25 AR-1248-5

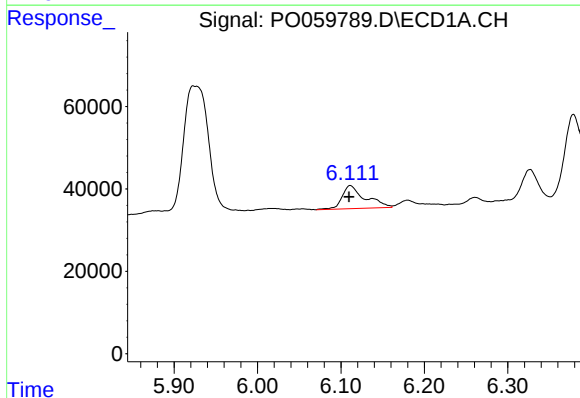
R.T.: 6.180 min
Delta R.T.: 0.000 min
Response: 28527
Conc: 14.39 ng/ml

Instrument :
ECD_O
ClientSampleId :



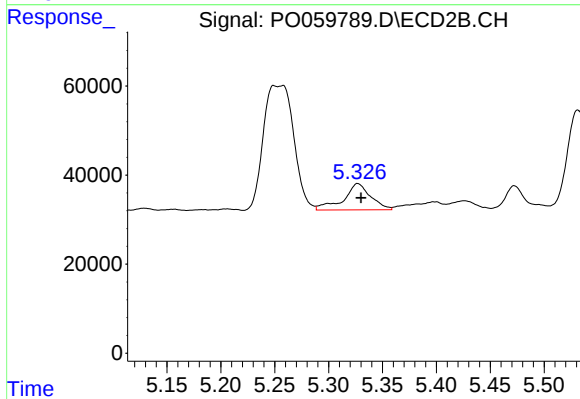
#25 AR-1248-5

R.T.: 5.398 min
Delta R.T.: 0.028 min
Response: 36119
Conc: 25.24 ng/ml



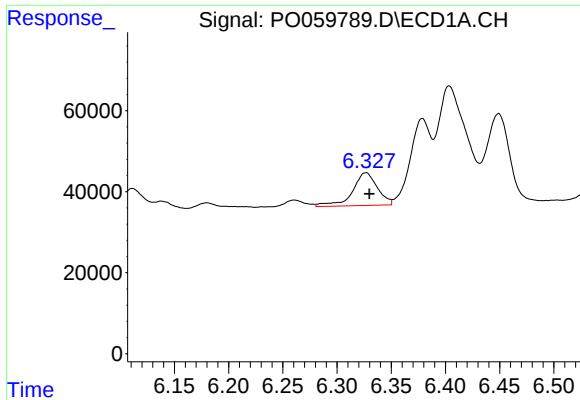
#26 AR-1254-1

R.T.: 6.111 min
Delta R.T.: 0.001 min
Response: 106336
Conc: 50.97 ng/ml



#26 AR-1254-1

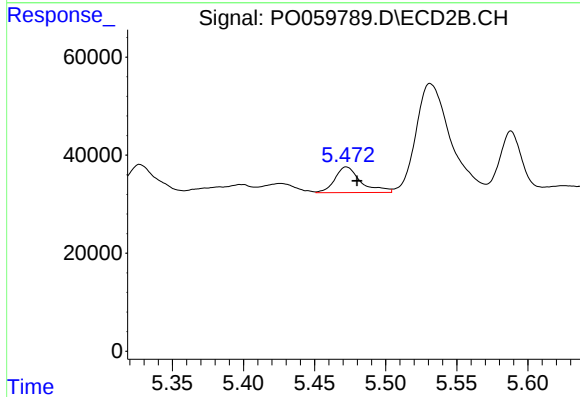
R.T.: 5.327 min
Delta R.T.: -0.003 min
Response: 103613
Conc: 43.69 ng/ml



#27 AR-1254-2

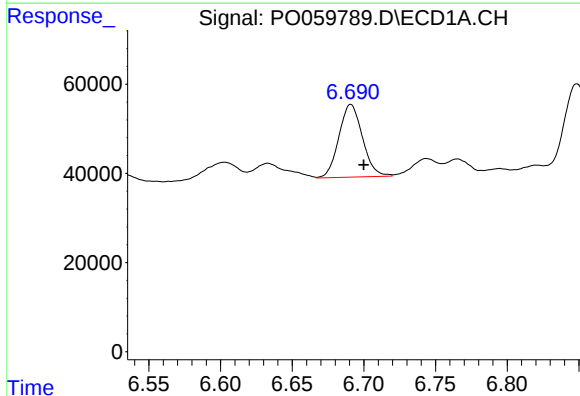
R.T.: 6.327 min
Delta R.T.: -0.003 min
Response: 129736
Conc: 38.89 ng/ml

Instrument :
ECD_O
ClientSampleId :



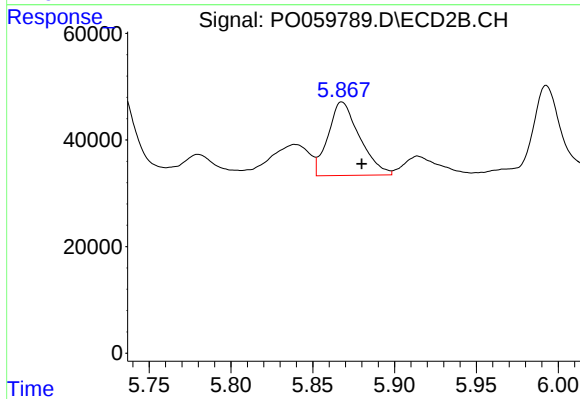
#27 AR-1254-2

R.T.: 5.472 min
Delta R.T.: -0.008 min
Response: 66561
Conc: 31.72 ng/ml



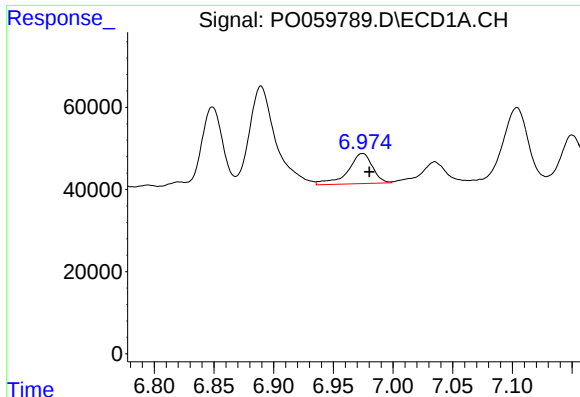
#28 AR-1254-3

R.T.: 6.691 min
Delta R.T.: -0.009 min
Response: 186484
Conc: 52.55 ng/ml



#28 AR-1254-3

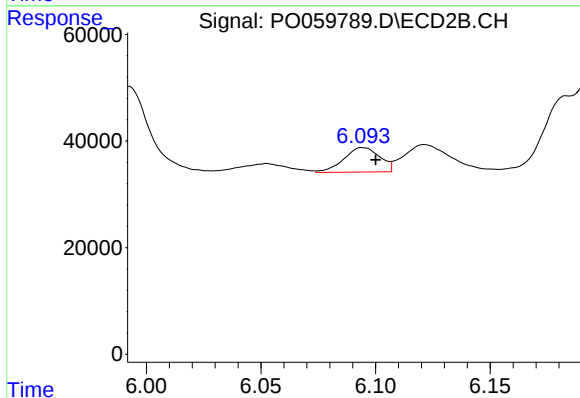
R.T.: 5.868 min
Delta R.T.: -0.012 min
Response: 185267
Conc: 55.10 ng/ml



#29 AR-1254-4

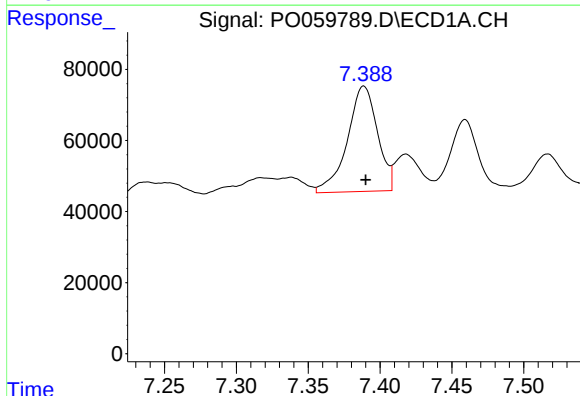
R.T.: 6.974 min
Delta R.T.: -0.006 min
Response: 104775
Conc: 35.57 ng/ml

Instrument :
ECD_O
ClientSampleId :



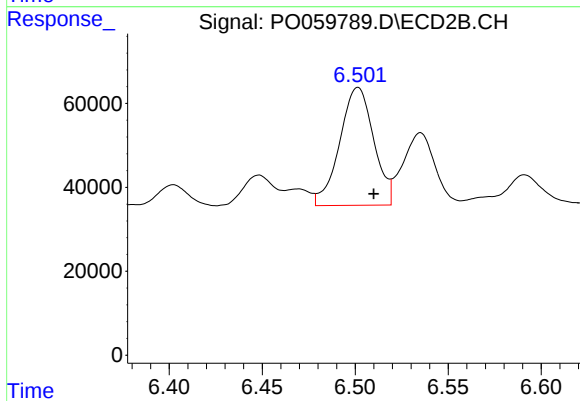
#29 AR-1254-4

R.T.: 6.095 min
Delta R.T.: -0.005 min
Response: 50195
Conc: 24.34 ng/ml



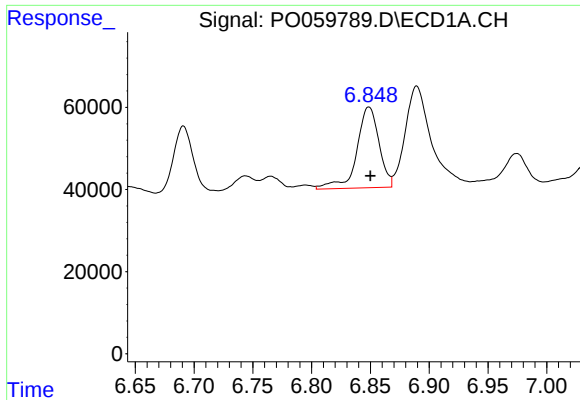
#30 AR-1254-5

R.T.: 7.389 min
Delta R.T.: -0.001 min
Response: 433359
Conc: 140.14 ng/ml



#30 AR-1254-5

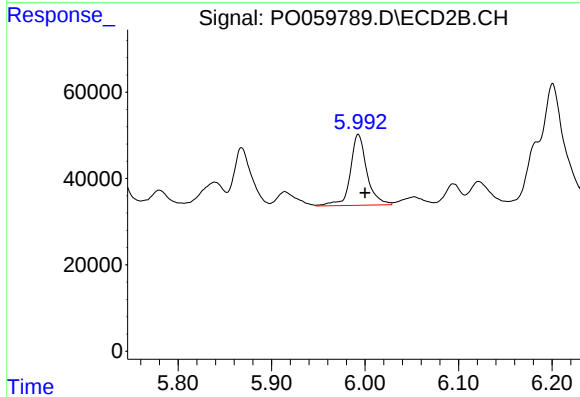
R.T.: 6.502 min
Delta R.T.: -0.008 min
Response: 358518
Conc: 115.47 ng/ml



#31 AR-1260-1

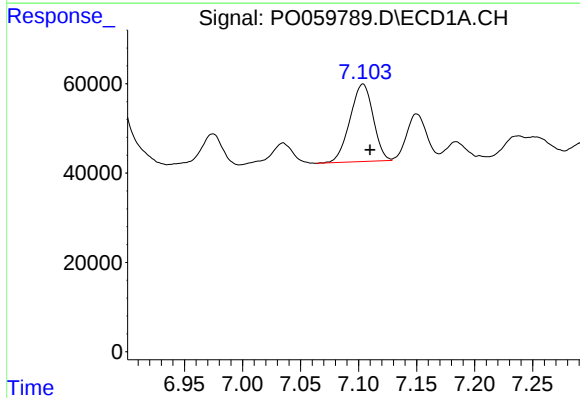
R.T.: 6.849 min
Delta R.T.: -0.001 min
Response: 259108
Conc: 96.11 ng/ml

Instrument :
ECD_O
ClientSampleId :



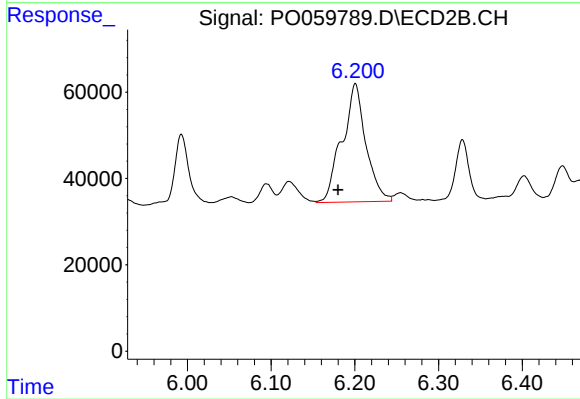
#31 AR-1260-1

R.T.: 5.993 min
Delta R.T.: -0.007 min
Response: 201516
Conc: 88.43 ng/ml



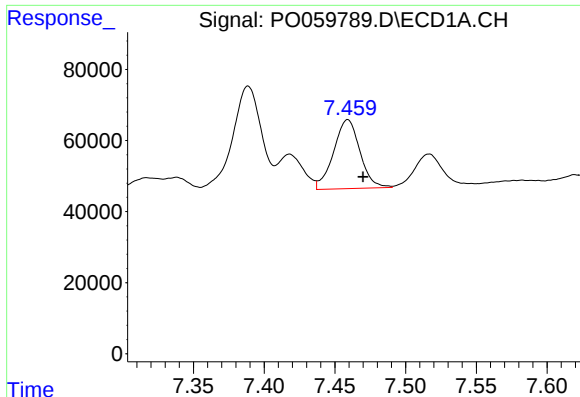
#32 AR-1260-2

R.T.: 7.104 min
Delta R.T.: -0.006 min
Response: 241439
Conc: 65.07 ng/ml



#32 AR-1260-2

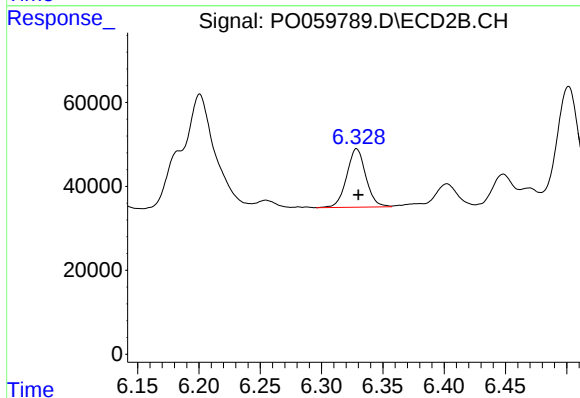
R.T.: 6.201 min
Delta R.T.: 0.021 min
Response: 542359
Conc: 185.11 ng/ml



#33 AR-1260-3

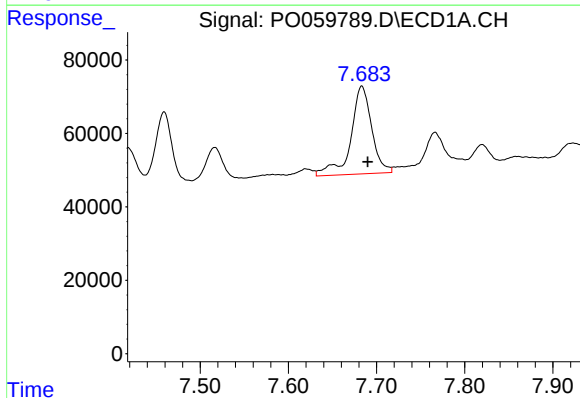
R.T.: 7.459 min
Delta R.T.: -0.011 min
Response: 252017
Conc: 76.92 ng/ml

Instrument :
ECD_O
ClientSampleId :



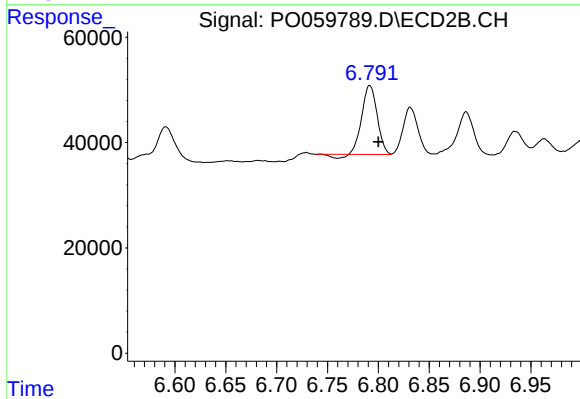
#33 AR-1260-3

R.T.: 6.329 min
Delta R.T.: -0.001 min
Response: 151263
Conc: 57.10 ng/ml



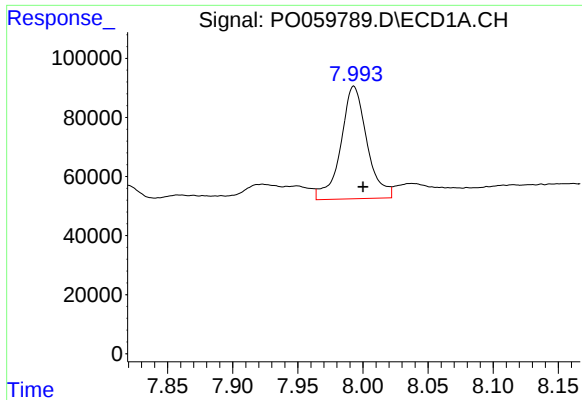
#34 AR-1260-4

R.T.: 7.683 min
Delta R.T.: -0.007 min
Response: 393808
Conc: 128.22 ng/ml



#34 AR-1260-4

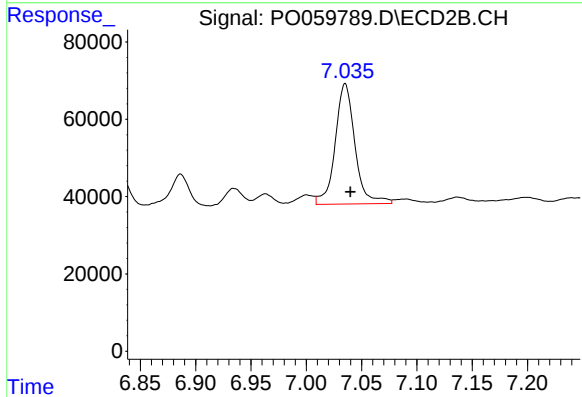
R.T.: 6.792 min
Delta R.T.: -0.008 min
Response: 131948
Conc: 58.32 ng/ml



#35 AR-1260-5

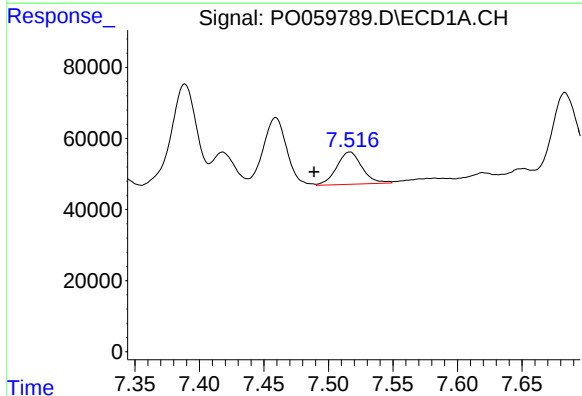
R.T.: 7.993 min
Delta R.T.: -0.007 min
Response: 532137
Conc: 75.15 ng/ml

Instrument :
ECD_O
ClientSampleId :



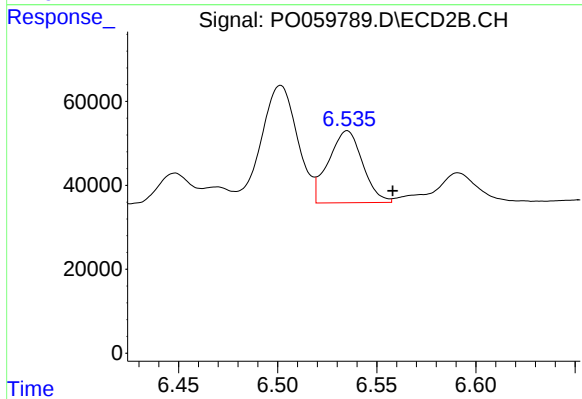
#35 AR-1260-5

R.T.: 7.035 min
Delta R.T.: -0.005 min
Response: 387736
Conc: 70.45 ng/ml



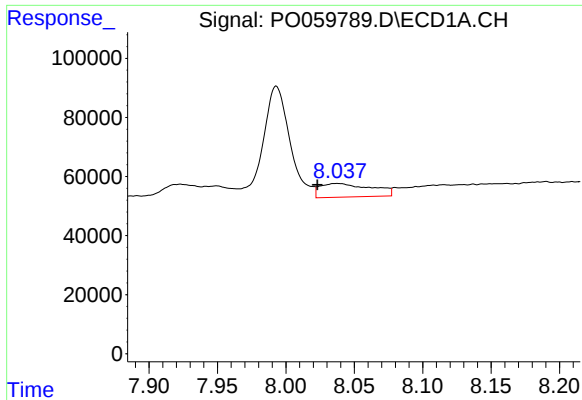
#36 AR-1262-1

R.T.: 7.516 min
Delta R.T.: 0.028 min
Response: 124592
Conc: 25.67 ng/ml



#36 AR-1262-1

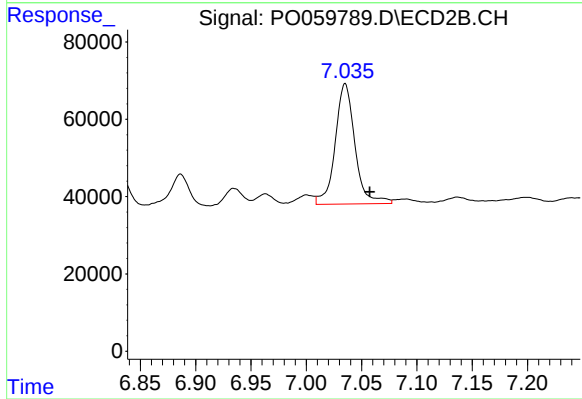
R.T.: 6.535 min
Delta R.T.: -0.023 min
Response: 206484
Conc: 55.39 ng/ml



#37 AR-1262-2

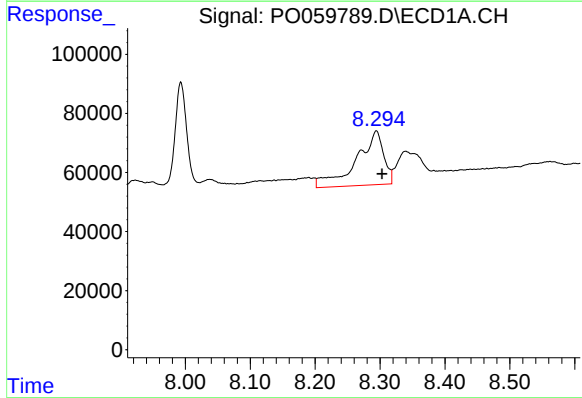
R.T.: 8.038 min
Delta R.T.: 0.015 min
Response: 120240
Conc: 15.58 ng/ml

Instrument :
ECD_O
ClientSampleId :



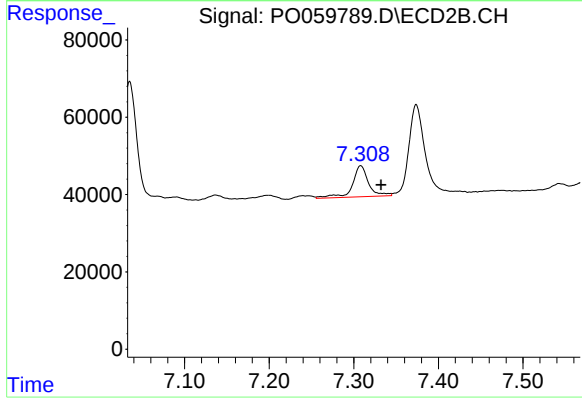
#37 AR-1262-2

R.T.: 7.035 min
Delta R.T.: -0.022 min
Response: 387736
Conc: 65.95 ng/ml



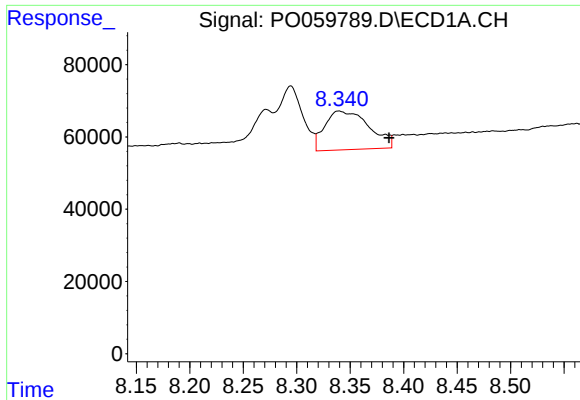
#38 AR-1262-3

R.T.: 8.294 min
Delta R.T.: -0.009 min
Response: 533509
Conc: 104.56 ng/ml



#38 AR-1262-3

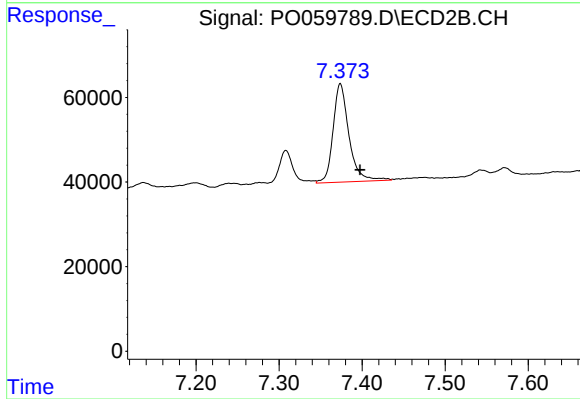
R.T.: 7.308 min
Delta R.T.: -0.024 min
Response: 105501
Conc: 41.52 ng/ml



#39 AR-1262-4

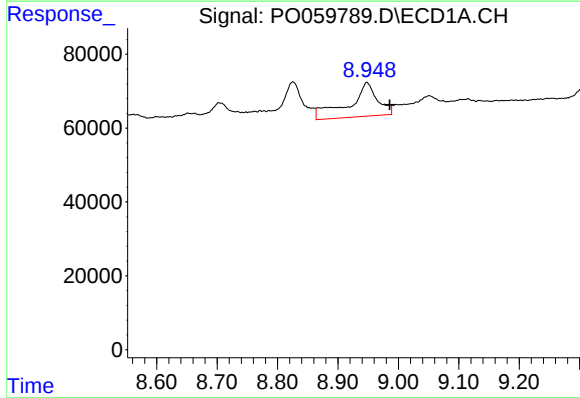
R.T.: 8.340 min
Delta R.T.: -0.046 min
Response: 309666
Conc: 80.33 ng/ml

Instrument :
ECD_O
ClientSampleId :



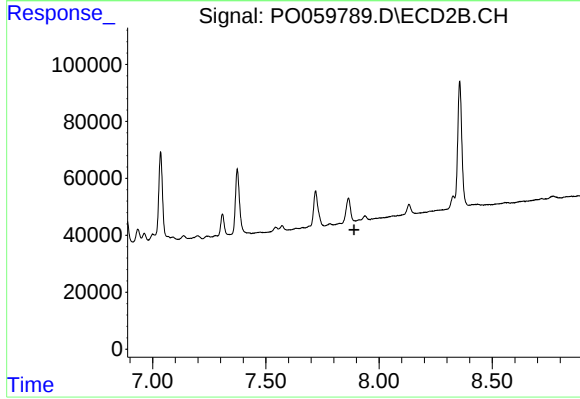
#39 AR-1262-4

R.T.: 7.374 min
Delta R.T.: -0.024 min
Response: 309902
Conc: 70.13 ng/ml



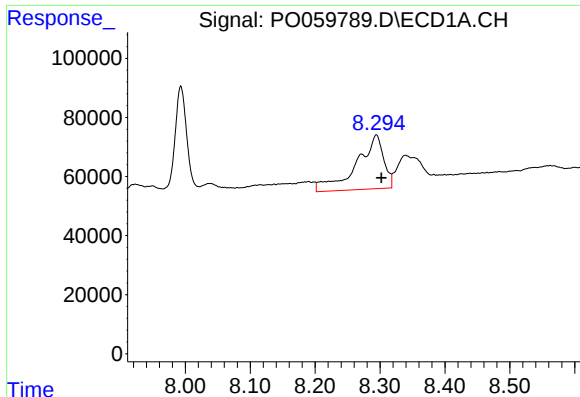
#40 AR-1262-5

R.T.: 8.948 min
Delta R.T.: -0.038 min
Response: 301400
Conc: 117.43 ng/ml



#40 AR-1262-5

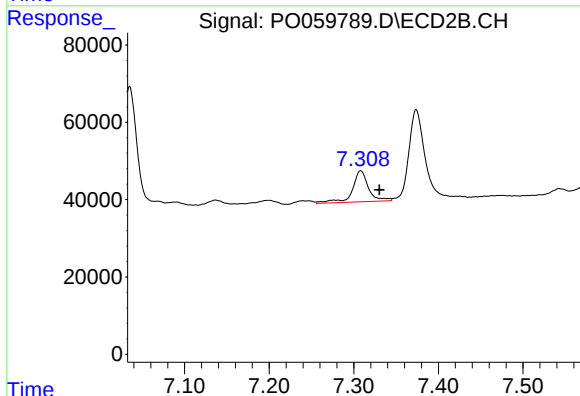
R.T.: 7.938 min
Delta R.T.: 0.049 min
Response: -21704
Conc: N.D.



#41 AR-1268-1

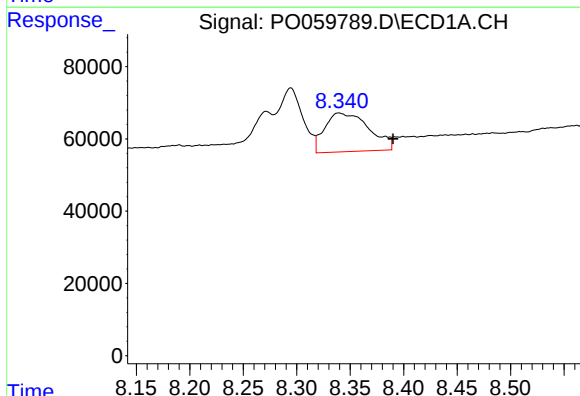
R.T.: 8.294 min
Delta R.T.: -0.008 min
Response: 533509
Conc: 56.69 ng/ml

Instrument :
ECD_O
ClientSampleId :



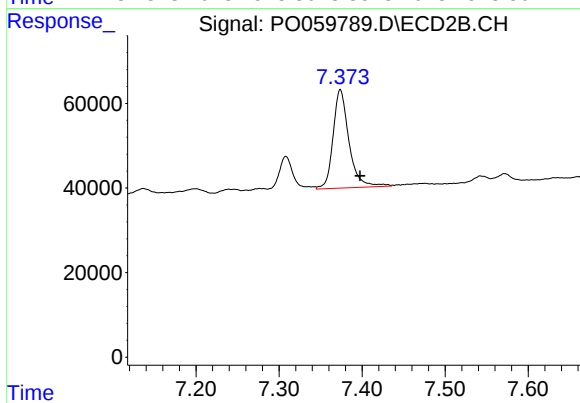
#41 AR-1268-1

R.T.: 7.308 min
Delta R.T.: -0.022 min
Response: 105501
Conc: 14.82 ng/ml



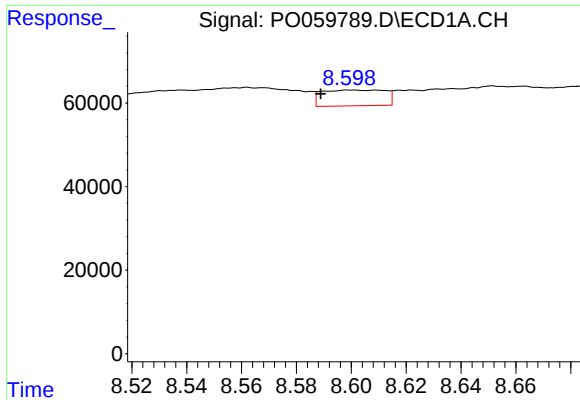
#42 AR-1268-2

R.T.: 8.340 min
Delta R.T.: -0.050 min
Response: 309666
Conc: 39.28 ng/ml



#42 AR-1268-2

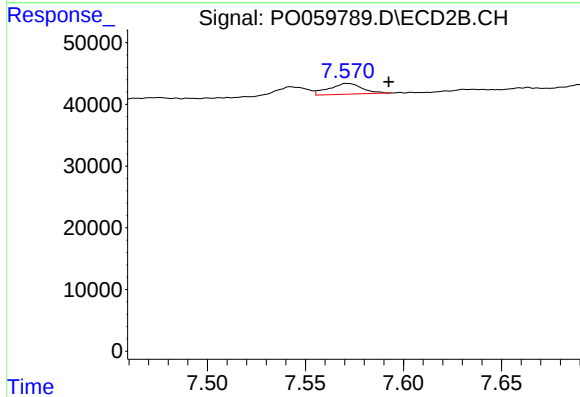
R.T.: 7.374 min
Delta R.T.: -0.024 min
Response: 309902
Conc: 48.06 ng/ml



#43 AR-1268-3

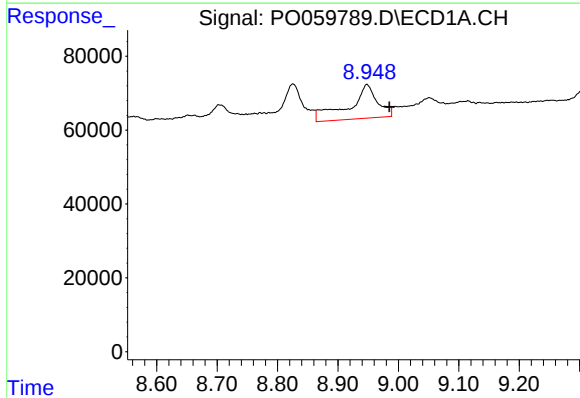
R.T.: 8.601 min
Delta R.T.: 0.012 min
Response: 60190
Conc: 8.54 ng/ml

Instrument :
ECD_O
ClientSampleId :



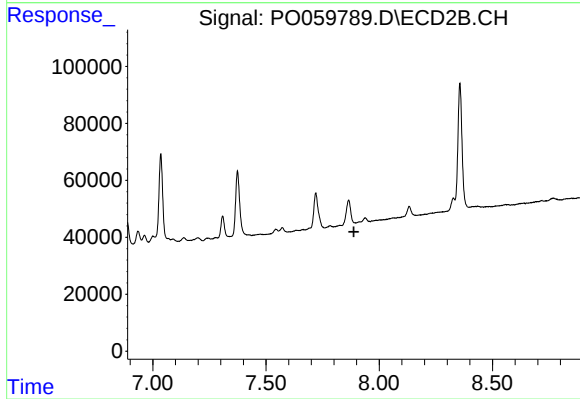
#43 AR-1268-3

R.T.: 7.572 min
Delta R.T.: -0.021 min
Response: 20469
Conc: 3.74 ng/ml



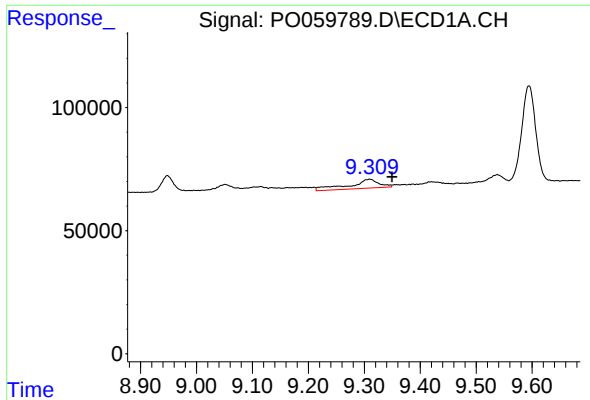
#44 AR-1268-4

R.T.: 8.948 min
Delta R.T.: -0.037 min
Response: 301400
Conc: 108.42 ng/ml



#44 AR-1268-4

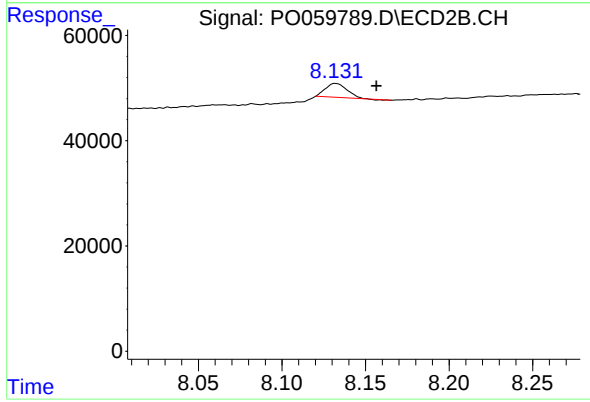
R.T.: 7.938 min
Delta R.T.: 0.050 min
Response: -21704
Conc: N.D.



#45 AR-1268-5

R.T.: 9.309 min
Delta R.T.: -0.040 min
Response: 134870
Conc: 7.31 ng/ml

Instrument :
ECD_O
ClientSampleId :



#45 AR-1268-5

R.T.: 8.132 min
Delta R.T.: -0.024 min
Response: 23240
Conc: 1.60 ng/ml